
SECTION II.

HAY AND FORAGE.

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SECTION II.

HAY AND FORAGE.

GENERAL STATISTICS.

THE IMPORTANCE OF THE HAY CROP.

The relatively great importance of hay and forage in the agriculture of the United States is shown by table I. Of the improved land of the country, 14.9 per cent was utilized in the production of hay and forage. The highest per cent was in the North Atlantic division, where it was 33.2, the smallest being 4.7, in the South Atlantic. In the North Atlantic states hay and forage was a principal crop. In New Hampshire its per cent of total acreage of all crops was 83.1; in Vermont, 80.7; in Massachusetts, 77.0; in Maine, 76.5; in Connecticut, 75.4; and in Rhode Island, 70.8. In these 6 states the acreage of hay and forage was 4,050,025, while that of cereals was only 505,827, or 12.5 per cent of that amount. In the North Atlantic division the total acreage of the hay crop was 12,919,041, while that of cereals was 8,957,452. This division showed the greatest total and relative decrease in improved acreage since 1870, to which attention has been called in the discussion of table II of Part I of the agricultural report, and this decrease varies approximately with the figures of table I.

In the Western division, where cattle raising on ranges was the chief industry, but little attention being paid to the cultivation of the soil, a very large per cent of improved land and of all crops was in hay and forage, as in the North Atlantic division with its great development of the dairy industry. The per cent of all crops in hay and forage in the Western division was 42.4, and in the 3 great range states and territories, Nevada, Wyoming, and Arizona, it was 88.9, 87.4, and 61.4 per cent, respectively. In the Southern states the per cent of all crops in hay and forage was small, being 7.4 in the South Atlantic, and 6.9 in the South Central division.

The average value of the hay crop per acre was \$7.85, while that of cereals was \$8.02, and of all crops, \$10.04. Thus the average value per acre of hay and forage was 97.9 per cent of the average value per acre of cereals and 78.2 per cent of the average value per acre of all crops.

Table I shows the relative importance of hay and the cereal crops, the acreage and value, by geographic

divisions and for the United States, of the cereal crops with their combined totals, and of the hay and forage crops for 1899.

TABLE I.—COMPARATIVE ACREAGE AND VALUE OF THE CROPS OF CEREALS AND HAY AND FORAGE IN 1899, BY GEOGRAPHIC DIVISIONS.

A.—THE UNITED STATES.

CEREALS AND HAY.	Acres.	Value.
Corn.....	94,916,011	\$828,258,326
Wheat.....	52,588,574	369,945,320
Oats.....	29,529,698	217,098,584
Barley.....	4,470,196	41,681,762
Rye.....	2,054,292	12,290,540
Buckwheat.....	807,060	5,747,453
Kafr corn.....	266,518	1,807,040
Rice.....	361,344	7,891,613
Total cereals	184,994,588	1,484,231,038
Hay and forage	61,091,166	484,256,846

B.—NORTH ATLANTIC DIVISION.

Corn.....	2,693,120	\$90,588,417
Wheat.....	2,218,587	22,540,965
Oats.....	2,792,206	27,220,575
Barley.....	145,181	1,357,374
Rye.....	576,080	4,085,577
Buckwheat.....	598,281	4,462,221
Kafr corn.....	1	7
Rice.....	.....	.....
Total cereals	8,957,452	90,755,639
Hay and forage	12,919,041	141,959,484

C.—SOUTH ATLANTIC DIVISION.

Corn.....	12,024,742	\$79,406,051
Wheat.....	3,368,872	22,903,064
Oats.....	1,268,061	6,869,687
Barley.....	5,717	53,245
Rye.....	114,819	493,519
Buckwheat.....	55,642	341,567
Kafr corn.....	40	307
Rice.....	127,969	2,000,996
Total cereals	16,964,662	111,068,436
Hay and forage	2,161,201	28,926,481

D.—NORTH CENTRAL DIVISION.

Corn.....	57,119,558	\$585,443,048
Wheat.....	35,496,201	244,332,729
Oats.....	22,196,879	161,851,358
Barley.....	2,970,959	25,661,317
Rye.....	1,232,709	7,081,878
Buckwheat.....	150,862	926,864
Kafr corn.....	157,730	805,298
Rice.....	.....	.....
Total cereals	119,824,898	976,102,487
Hay and forage	35,676,042	221,866,406

STATISTICS OF AGRICULTURE.

TABLE I.—COMPARATIVE ACREAGE AND VALUE OF THE CROPS OF CEREALS AND HAY AND FORAGE IN 1899, BY GEOGRAPHIC DIVISIONS—Continued.

E.—SOUTH CENTRAL DIVISION.

CEREALS AND HAY.	Acrea.	Value.
Corn.....	22,894,637	\$171,463,242
Wheat.....	5,922,170	35,887,396
Oats.....	2,328,291	11,907,304
Barley.....	24,182	137,071
Rye.....	46,587	222,807
Buckwheat.....	1,374	6,099
Kafir corn.....	88,363	360,056
Rice.....	214,845	4,328,566
Total cereals.....	81,520,429	224,818,571
Hay and forage.....	3,883,662	30,663,233

F.—WESTERN DIVISION.

Corn.....	241,616	\$2,291,630
Wheat.....	5,587,744	44,281,166
Oats.....	954,171	10,249,660
Barley.....	1,821,207	18,922,255
Rye.....	85,611	406,764
Buckwheat.....	1,051	11,099
Kafir corn.....	20,879	195,842
Total cereals.....	8,214,779	71,857,916
Hay and forage.....	7,051,123	60,839,199

G.—ALASKA AND HAWAII.

Corn.....	3,288	\$65,938
Rice.....	9,130	1,502,051
Total cereals.....	12,368	1,627,980
Hay and forage.....	97	2,143

The area mown for hay and forage, 61,691,166 acres, was a little more than one-third of that devoted to the cereal crops, and the value of the hay, \$484,256,846, was nearly one-third of that of the cereal crops. Hay exceeded, both in acreage and value, every one of the cereal crops except corn.

The hay acreage was nearly two-thirds as large as that of corn, one and one-sixth times as large as that of wheat, and more than double that of oats. The total acreage of the other cereals was so small that a comparison is useless. The values of the various cereals bear about the same general relation to that of hay as do their respective acreages.

In the North Atlantic division the acreage and value of the hay was greatly in excess of the total acreage and value of all cereals combined, the hay area being about four million acres greater than the entire cereal acreage, which was 8,957,452, while the value of the hay exceeded that of all the cereals by over \$42,000,000.

In the South Atlantic division the hay crop did not show to advantage, the acreage being only one-eighth and the value about one-fourth that of cereals. Corn was the great cereal crop of this division, but even the wheat area, 8,368,872 acres, exceeded that of hay by 1,207,671 acres, although their relative positions according to value are reversed, the hay being worth \$28,926,431 and the wheat only \$22,903,064.

The North Central division contained more than half the acreage of the entire country devoted to growing cereals and hay, and the value of these crops for this division exceeded that for all the other divisions combined. The corn acreage was more than one and one-half times as great as that of hay, and the value much greater in proportion, nearly two and one-half times that of hay. The acreage of wheat was practically equal to that of hay, but the value of the wheat crop exceeded that of the hay by more than \$22,000,000. The oat acreage was less than two-thirds as large as that of hay, and the barley, rye, and buckwheat acreage was small when compared with hay and the three principal cereals.

The ratio of the acreage of hay to that of cereals in the South Central division was about the same as in the South Atlantic division, the cereal area being eight times that of hay, while the cereal value was more than seven times that of hay. Although corn was the principal cereal, yet the acreage and value of the wheat are considerably in excess of those of hay.

Again, in the Western division, where little corn is produced, hay was the largest crop, having an area of 7,051,123 acres, with a product valued at \$60,839,199, while the largest cereal crop was wheat, with an area of 5,587,744 acres and a crop valued at \$44,281,166. The entire cereal acreage for this division was 8,214,779 acres, and the aggregate of the crops harvested was valued at \$71,857,916.

The total acreage devoted to cereals in 1889 was 140,378,857, and in 1899, 184,994,588, an increase of 31.8 per cent. The hay and forage acreage in 1889 was 52,948,797 and in 1899, 61,691,166, an increase of 16.5 per cent.

VARIETIES OF HAY AND FORAGE.

The farm schedules upon which the reports of agriculture for the Twelfth Census were returned are reproduced in Part I of the agricultural report. The schedules provided for separate reports of the acres and tons of hay and forage under the seven following heads: (1) Wild, salt, or prairie grasses; (2) millet and Hungarian grasses; (3) alfalfa, or lucern; (4) clover; (5) other tame and cultivated grasses; (6) grains cut green for hay; and (7) forage crops. The schedules further provided for the report of the total acreage, tonnage, and value of all hay and forage crops.

Table 5 presents in detail, by states and territories, and Table 10, by counties, the acreage and yield of each of the seven classes of hay above mentioned, and also of cornstalks, including corn strippings from fields of corn from which the grain was harvested.

The principal grass included under the designation of "other tame and cultivated grasses" is timothy. It also includes red top, orchard grass, blue grass, Johnson grass, crab grass, and the numerous other varieties

grown in this country which are not otherwise specifically provided for in the seven classes given above. More than one-half of the acreage devoted to hay and forage, or 31,301,689 acres, was reported under "other tame and cultivated grasses." Of this area 27,904,610 acres were in the North Atlantic and North Central divisions, making in the former division slightly less than one-half and in the latter more than one-third of the total hay acreage. The area reported under this head in the three other divisions is less than three and one-half million acres. The largest portion of the hay in all the states of the North Atlantic division was included under this general head. The states of the South Atlantic division reported about three-fourths of the acreage and over one-half of the tonnage of hay under the same term. All of the great hay-raising states of the North Central division, except North Dakota, South Dakota, Nebraska, and Kansas, reported more than a million tons each, Iowa heading the list with 3,823,133 tons, a quantity exceeded only by that of New York. In the South Central division the acreage and quantities reported were small, Kentucky having 403,211 acres and 370,461 tons, and the other states and territories much less, while in the Western division the proportion was much smaller than in the others, being less than one-seventh of the total.

Wild, Salt, and Prairie Grasses.—These grasses were reported by every state and territory, but not by the District of Columbia. The total acreage amounted to nearly one-fourth of all the acreage producing hay and forage. The North Central division led, having about four-fifths of the total in both acreage and tonnage. Minnesota produced the greatest quantity, 2,842,234 tons, upon 2,196,623 acres, an area slightly less than that of Nebraska, which had 2,248,927 acres and a yield of 2,416,468 tons. Kansas and South Dakota each produced more than 2,000,000 tons, and Iowa and North Dakota each over 1,500,000 tons. In the North Atlantic division New Jersey led, with 55,422 tons, principally cut from the marsh lands along the Atlantic coast. Texas, Oklahoma, and Indian Territory, of the South Central division, produced comparatively large quantities, none, however, amounting to a half million tons. The Western division reported an aggregate area of about two million acres and almost an equal number of tons. Of this Montana had more than one-fourth, or 567,587 acres and 545,841 tons, Colorado, Oregon, Wyoming, California, Idaho, and Nevada following in order of production, the remaining states and territories yielding less than 100,000 tons each. Probably the greatest change in the hay and forage crops of the United States in the past decade occurred in the decrease of the area producing prairie grass. This is due to the fact that the owners of large tracts of Western lands have broken up thousands of acres of prairie, bringing them under cultiva-

tion, and planting cereals or tame grasses. The changes in the great ranges and the planting of forage crops by the large owners of cattle and sheep for the purpose of furnishing winter feed, as well as the increase in the settlement of the Western states, have had great effect upon the hay and forage crops of that section.

Millet and Hungarian Grasses.—These were reported in every state and territory, but only in the North Central and South Central divisions was the amount sufficiently large to be worthy of special mention. The total area under this crop in 1899 was 1,743,887 acres, producing 2,850,959 tons. Of these totals 1,296,531 acres and 2,228,848 tons were reported from the states of the North Central division, Kansas reporting 349,906 acres and 670,770 tons, far exceeding that of any other state. Nebraska, Iowa, Texas, Missouri, South Dakota, North Dakota, Illinois, and Tennessee follow in order of production, each having a yield of more than 100,000 tons. Very little millet was reported in the Western division, no state or territory reaching a production of 10,000 tons, while New York, Pennsylvania, and Virginia were the only states in the North Atlantic and South Atlantic divisions which reported more than that quantity.

Alfalfa, or Lucern.—This is a perennial plant of the leguminous variety, and it has made wonderful gains in the past few years. It is generally called lucern in the eastern part of the United States and alfalfa throughout the other portions of the country. It was first introduced in New York about 1820, but its cultivation did not spread to any extent, the seed brought from Chile to California in 1854 being the source from which was derived most of the alfalfa produced on the 2,094,011 acres reported. This plant was found to be especially adapted to irrigated land. It has spread over the subhumid regions of the Pacific Coast and Rocky Mountains, where it is now cultivated almost to the exclusion of other forage plants. It has been grown in every state, although it is only in the West and Southwest that it has reached proportions of importance. Colorado leads both in acreage and production with 455,237 acres, yielding 1,107,471 tons; California following with 298,898 acres and 838,730 tons. It is by far the most important forage crop in the Western division, and has gained a fair foothold in Texas, Oklahoma, and South Dakota, while in Kansas and Nebraska it is grown on a large scale, the former reporting 601,624 tons and the latter 275,834 tons. Alfalfa is a forage crop which does well in the Southern states, but the small quantity reported is disappointing. The generally high average yields are due to the numerous cuttings which can be made during one season, a yield of from 8 to 16 tons of dry hay per acre being frequent.

Clover.—The varieties of this branch of the leguminous family commonly grown are the red, the white, the Alsike, and the crimson. The red clover is most extensively grown in the eastern part of the United

States. The total area in clover was 4,103,968 acres, about twice the area planted with alfalfa, but the yield of clover, 5,167,188 tons, was slightly less than the yield of alfalfa. Nearly three-fourths of the clover was grown in the North Central division, North and South Dakota being the only states in this group not reporting large quantities. Indiana led in production with 955,811 tons, followed by Ohio with 773,857, and Missouri with 493,364 tons. In the North Atlantic division Pennsylvania reported 336,072 tons, New York, 114,660 tons, New Jersey, 53,272 tons, and these 3 states were the only ones in that division with reports reaching 10,000 tons. Virginia produced the largest clover crop, 105,640 tons, in the South Atlantic division, although the report for most of the other states in this division show large yields in comparison with the total hay production. In the South Central division Kentucky and Tennessee reported large productions, 159,747 and 106,829 tons, respectively. The other states and territories of this division showed very small results, Arkansas, with 20,426 tons, being the only state exceeding 3,500 tons. The Western division showed an aggregate of 202,634 tons, of which Oregon produced 70,341 tons.

Grains Cut Green for Hay.—In crops of this character the Western division easily led both in acreage and production, having more than one-half of the total yield reported. This is largely accounted for by the importance of the yield in California, which reported 1,506,360 acres and 1,714,692 tons, many times the area and production of any other state. Oregon, Washington, and Idaho, in this division, also reported large yields. Throughout the states and territories composing the other divisions the amount of grains cut green was quite evenly distributed when compared with the total hay crop. A large portion of the quantity reported in the Southern states consisted of pea hay (or cowpeas), which is grown largely in that section.

Forage Crops.—The principal crops included under this head are corn, Kafir corn, and sorghum cane cut green for forage. Kansas had an acreage and production of such forage crops one-third as large as that reported for all the other states and territories. The acreage and production of the North Central division—1,831,449 acres and 4,462,074 tons—exceeded the combined acreage and tonnage of all the other divisions, Kansas furnishing 1,041,447 acres and 2,728,321 tons of these totals. Kansas exceeded all other states in the production of Kafir corn both for its grain and as forage, and its preeminence in the production of forage is due to this fact and to the enormous quantity of sorghum cane grown in the state. Kafir corn is a native of South Africa, belonging to the same group of plants as broom corn and other nonsaccharine sorghums. It was introduced by the Department of Agriculture about fifteen years ago, and while experiments have been

made with it all over the country, the greatest success in its cultivation has been attained in Kansas and Oklahoma, where, owing to the light rainfall and the prevailing hot winds, its peculiar nature permits it to be grown with a much greater and more uniform success than is attainable with any other forage crop. Its cultivation throughout the semiarid regions of the United States is steadily increasing. Texas and California are devoting large areas to the new plant. The growing of sorghum as a forage crop was not extensively practiced in this country until within the last twenty years. It is now grown on a large scale for this purpose, and is regarded as one of the most valuable forage crops of the South, particularly for the drier portions, and for a large part of the semiarid West and Southwest. A native of the tropics, sorghum does best in the Southern states, where two cuttings can be made each year, although varieties have been procured which do well in all except a few of the Northern states.

In the portions of the country not dominated by Kafir corn or sorghum, Indian corn is the principal crop reported as forage. A larger average yield is noticeable in the states of the North Atlantic division than in the other divisions. This is due in some measure to the large amount of corn used as ensilage, crops of this character frequently running from 15 to 25 tons per acre. New York reported a large yield, nearly 1,000,000 tons, due to the requirements of its immense dairy interests.

Cornstalks.—Under this head are included in the general tables a tabulation of the reports by the enumerators of cornstalks and leaves obtained from crops of corn which were allowed to ripen for their grain. The enumerators were not instructed to report these by-products of the cornfield as hay or forage, and while many made such reports the total represents but a small portion of the aggregate quantity of the product.

The area upon which corn was grown for the grain and the cornstalks and corn leaves reported as forage amounted to 6,956,426 acres, with a product of 4,759,353 tons. This acreage has not been included in any case in the total acreage shown for hay and forage crops, while the general tables show the total tonnage in one column with, and in another without, the product of such cornfields. A report of the acreage and tonnage of the cornstalks cut where the crop had been allowed to mature for the grain was not contemplated by the Census Office, and the instructions sent to the enumerators directed a report of the value of this item in another manner and did not require a report of the acreage or tonnage. The reports made by a large number of the enumerators, however, included the acreage, tonnage, and value of cornstalks in a manner which rendered it impossible to eliminate such returns from the total hay and forage crops. This will explain the small quantity reported when compared with the immense

amount produced as a by-product of the 95,000,000 acres of corn grown in the United States.

In the Southern states the practice obtains very extensively of stripping the leaves from the stalk of the corn as soon as the grain becomes hardened. These leaves are gathered by hand and tied in small bunches. While it makes an excellent forage and is generally valued at \$15 or \$20 per ton, the amount of labor required and the injury to the grain crop, which amounts to about 18 per cent, render the custom one of doubtful expediency in a region capable of producing leguminous forage crops, which fertilize the land and permit of several cuttings each year.

Of these corn stripings one ton is the quantity ordinarily obtained from about five acres of corn. The large tonnage of forage shown for the relatively small acreage in Virginia, North Carolina, South Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Texas, and Arkansas is directly due to the great quantity of corn stripings reported. On thousands of Southern farms no other kind of hay or forage was reported. The practice extends to several states not named above, but in a lesser degree. The acreage from which cornstalks and corn stripings were reported in some cases exceeded the total acreage of the state producing hay and the other forage crops, so that the reports for certain states show a total hay and forage acreage (in which the acreage reported under cornstalks is in no case included) very much less than the acreage shown for cornstalks alone. The amount of cornstalks and corn stripings reported was fairly large throughout the country, with the exception of the Western division, where the reports dropped to practically nothing, but, as before stated, the reports probably included only a small portion of the cornstalks actually used as forage.

AVERAGE YIELD PER ACRE.

The average yield per acre of wild, salt, and prairie grasses in the five geographic divisions did not greatly vary. It was, however, greatest in the South Atlantic division and least in the Western, being 1.2 in the former and only 1.0 ton in the latter.

The average yield of millet and Hungarian grasses was largest in the North Atlantic and North Central states and smallest in the Western and South Atlantic. In the former two divisions it was 1.7 tons and in the latter 1.3 and 1.2, respectively.

For alfalfa a higher average yield was everywhere reported than for any other hay crop, unless forage crops proper are included in the comparison. Its average production per acre for the United States was 2.5 tons. It was greatest in the Western division, 2.6 tons, and least in the South Atlantic, where it was only 1.5. In many of the Western states and territories, notably in Arizona, the average yield was much below the normal, owing to the severe drought in 1899, which compelled

the farmers to use a portion of the irrigated alfalfa fields for pasture in the latter part of the season, and to harvest fewer cuttings of the crop than in ordinary years.

The highest average yield for clover was reported from the Western division and the lowest from the two Southern divisions. In the former it was 2.1 tons and in the latter only 1.0 ton per acre. The same variation was found in the reported average yield of other tame and cultivated grasses. The average for the Western states was 1.5 tons, for the North Central 1.2 tons, and for all the other divisions 1.0 ton. In the North Atlantic, North Central, and Western divisions many fields of hay contained a mixture of different grasses, as clover and timothy. In some places clover makes the chief crop in the first year after seeding, and timothy in the second and subsequent years. Most of such hay crops were doubtless reported in other tame and cultivated grasses and the clover present in the cuttings explains the higher average yield in many sections of the country.

The average yield of grains cut green for hay for the country varied little from the average for the Western division, from which over one-half of the total yield was reported. That average was, however, greater in the North Atlantic and North Central divisions, being 1.6 in the former and 1.5 in the latter, and only 1.2 in the Western division and 1.1 in the South Atlantic.

The high average per acre of the crops included in the general designation "forage" unquestionably affects the average for all hay and forage, as there has been an enormous increase in such crops, especially in the North Atlantic states, in the last ten years. This average in the division last named was 5.1 tons, although some reports were received of two and three times that yield. In the South Atlantic division the average for all forage was only 1.7 tons.

Plate 19 shows the yield of hay and forage per square mile.

The states of the North Atlantic and North Central divisions produced nearly the entire crop. Of these states, Kansas and New York show the largest areas, producing more than 150 tons per square mile. About 70 per cent of the Western division shows no yield, while the greater portion of the remainder shows a yield of less than 20 tons per square mile. In north central Colorado, northern Utah, and western California the yield is considerably greater, ranging from 50 to 150 tons per square mile. The South Atlantic and South Central divisions, with the exception of small, scattered areas, show a yield ranging from less than 20 tons on the northern border to more than 20 and less than 50 tons per square mile along the eastern and southern coasts. The territory yielding from 50 to 150 tons per square mile is confined almost entirely to the North Atlantic and North Central divisions.

CONDITIONS AFFECTING THE PRODUCTION AND ACREAGE
OF HAY AND FORAGE.

In the production of hay and forage crops the year 1899 was, according to the figures and estimates obtained upon the subject for the decade, above the normal. The weather conditions for the crop year were very uneven and irregular, and the yield in consequence shows for different states, and even different sections of the same state, the greatest possible variations, ranging from a most abundant crop to complete failure. In the states comprising the North and South Atlantic divisions there existed a long spring drought, in some regions unbroken until late in summer, which caused a decrease in the hay and forage crop both in acreage and production, the former due to the fact that a great deal of the acreage ordinarily mown for hay, owing to the shortness of the crop and the total failure of ordinary grazing, was used as pasturage, and the acreage not reported. The conditions in the states west of the Alleghanies were decidedly different and, instead of a drought, the precipitation during the spring and summer was greatly in excess of the normal. The severe winter did great damage to the meadow land, clover suffering to an extent almost unknown, and often meadows were in such condition that breaking up was the only remedy, and, in consequence, much grass land was planted in corn. Not only was the crop short in many sections, but the more than usual rankness of the weed growth did much to lower the quality.

In addition to natural conditions the tonnage was more or less affected by a variety of causes. Among these may be mentioned the great increase in the use of the silo. This method of preserving green food, which originated a hundred years ago, was not introduced into this country until about 1875.

The increase in the number of silos has been steady and, as a consequence of the much larger tonnage per acre of the crops used for ensilage, the increase in tonnage of the forage crops may, to a large extent, be traced to them. No statistics of the number of silos in use or the amount of ensilage as a separate item were gathered by the Twelfth Census and it would be difficult to form an estimate. From the multitude of instances in which the enumerators volunteered the information that certain forage reported consisted of ensilage, it is believed that the tonnage was large enough, especially in the regions devoted largely to dairying, to appreciably increase the average of production.

The manufacture and use of what are known as commercial feeding stuffs has become, during the past decade, an important factor in the agricultural economics of the country. They are composed either in whole or in part of the refuse or by-products of breweries, distilleries, starch, glucose, flouring, and oil mills and

kindred industries. Just what effect the trade in these feeds has upon the demand for hay is somewhat difficult to determine, but that it does decrease the demand for and allow the curtailment of the acreage of the hay and forage crop is certain. The continual and increased use of fertilizers does its share toward maintaining and enlarging the average of hay production, but in this respect the census year of 1899 did not show in most states an increase in tonnage over that of other years of the decade which can be accurately traced to the use of commercial fertilizers. The great expansion, however, in the acreage devoted in the course of crop rotations to the leguminous plants—alfalfa, clover, cow-peas, soy beans, etc.—which fertilize the soil by drawing nitrogen, the most costly element of commercial fertilizers, from the air, and furnish a most excellent forage crop at the same time, has had an important effect upon the hay tonnage, and in many sections revolutionized the system previously used.

The states where irrigation is practiced, show, naturally, by far the largest tonnage per acre. This is due not only to the increase in the territory irrigated, but to the peculiar nature of the forage plant forming the principal grass crop of such regions—alfalfa.

The matter of transportation is one which has a limited economic bearing upon the extent of the acreage used for growing hay and forage crops. The bulky nature of the crops renders their transportation difficult and expensive, and practically precludes their entering into international commerce.

GENERAL STATISTICS.

Table 2 gives by states and territories the acreage, production, and value of the hay and forage crop, together with certain averages and percentages, and Table 10 presents the statistics of the crops by counties. In 1899, 3,583,760 farms, or 62.4 per cent of all in the United States, reported hay and forage. This number includes those reporting corn strippings and cornstalks as well as those reporting all other varieties of hay and forage. A total of 531,596 farms reported wild, salt, or prairie grasses, 278,630 millet and Hungarian grasses, 96,114 alfalfa or lucern, 420,124 clover, 1,958,062 other tame and cultivated grasses, 837,237 grains cut green for hay, 352,019 forage cut from fields sown for that purpose, and 689,915 reported cornstalks or corn strippings. The total of these numbers exceeds the total number of farms reporting hay and forage, since many farms reported two and three kinds of hay. The following table presents the percentages of the number of all farms reporting hay and forage in 1899 and the percentages of the number of farms reporting the total area, tons produced, and value of this crop by geographic divisions:

TABLE II.—PER CENT OF THE NUMBER OF ALL FARMS REPORTING HAY AND FORAGE IN 1899, AND THE PERCENTAGES FOR THE NUMBER OF FARMS REPORTING, AND FOR ACREAGE, PRODUCTION, AND VALUE, BY GEOGRAPHIC DIVISIONS.

GEOGRAPHIC DIVISIONS.	Per cent of all farms re- porting hay and forage.	PER CENT OF TOTAL.				
		Farms report- ing hay and forage.	Acres. ¹	Tons.		Value.
				All hay and forage.	Exclu- sive of corn- stalks.	
The United States..	62.4	100.0	100.0	100.0	100.0	100.0
North Atlantic.....	93.0	17.6	21.0	18.5	19.1	29.3
South Atlantic.....	69.3	15.9	3.5	3.8	2.8	6.0
North Central.....	76.9	47.1	57.8	58.3	68.2	45.8
South Central.....	91.1	14.4	6.3	6.7	6.4	6.3
Western.....	73.8	5.0	11.4	12.7	18.5	12.6
Alaska and Hawaii.....	0.6	(2)	(2)	(2)	(2)	(2)

¹Not including area of cornfields from which grain has been harvested.

²Less than one-tenth of 1 per cent.

ACREAGE.

Table 3 gives, by states and territories, in descending order of acreage in 1899, the area utilized for the production of hay and forage in 1879, 1889, and 1899.

The total acreage producing hay and forage in 1899 (exclusive of 6,956,426 acres reported as producing cornstalks and corn stripings where the crop was allowed to ripen for the grain) was 61,691,166 acres. This was an increase of 8,742,369 acres, or 16.5 per cent over the acreage reported in 1889. The increase in acreage extended to 38 states and territories, while 11 states and the District of Columbia showed a decrease. The increase was greatest in the North Central division, which showed a gain of 3,455,574 acres; but this was only slightly larger than that of the Western division, which added 3,367,400 acres to its hay and forage area. The states comprising the South Central division increased their total hay area by 1,970,130 acres, and those of the South Atlantic division gained 235,448 acres. The North Atlantic division showed a comparatively small decrease of 286,280 acres, distributed through all of the states comprising it except Vermont, which showed a small increase. Every state and territory in the South Central and Western divisions showed an increased acreage. In the North Central division Illinois and Iowa were the only states which showed a decrease in acreage. The South Atlantic division reported increased acreage devoted to this crop in all states except Delaware and in the District of Columbia.

The greatest increase, 851,814 acres, was in North Dakota, but California was a close competitor, with an increase of 808,027 acres, and South Dakota was third, with 732,962 acres.

The 3 states which showed the largest decreases were Iowa, 589,540 acres; Illinois, 178,974 acres, and New York, 88,045 acres. The 3 states which made the largest gains in the quantity of hay and forage produced

were Kansas, with an increase of 2,380,176 tons; Minnesota, with 1,276,426 tons, and North Dakota, with 1,216,741 tons.

In 1899 New York had 5,154,965 acres devoted to hay and forage, this being the largest acreage reported by any state, and forming 8.4 per cent of the total acreage. The combined acreage of the 8 states mentioned above aggregate 49.2 per cent of the total area. The states arranged in the order of acreage reported were New York, Iowa, Kansas, Missouri, Illinois, Pennsylvania, Minnesota, and Ohio. Of these states Kansas, Missouri, Minnesota, and Ohio were the only ones that showed increases in acreage for each decade since 1880. The other 4 reported a smaller acreage in 1899 than ten years before. These 8 states in 1879 contributed 59.3 per cent of the total hay acreage and, in 1889, 55.9 per cent. The total acreage of each of these states has increased since 1879, but the increase in the other states has been so great as to cause a relative decrease in the per cent reported by them in 1899.

The 7 states of Nebraska, Indiana, Wisconsin, Michigan, South Dakota, California, and North Dakota, arranged in the order of their acreage, combined with the 8 above mentioned, reported an aggregate of 75.1 per cent of the total crop. Of these 7 states every one showed an increase in this acreage for each decade.

To include 90.6 per cent of the hay crop reported in 1899 required the acreage of the 27 states and territories which in 1879 reported 93.0 per cent of the total and in 1889 the same per cent. The production of this crop is more widespread than is that of any of the cereals.

PRODUCTION.

Table 4 gives for the census years 1850 to 1900 a comparative statement of the production of hay and forage, with percentages, in a similar way to that of Table 3 for the acreage.

The total quantity of hay and forage harvested in the year 1899 was 84,011,299 tons, which was 17,179,435 tons, or 25.7 per cent in excess of that reported by the census of 1890. Exclusive of cornstalks and corn stripings, of which probably but little was included in the reports of 1890, the increase was 12,420,466 tons, or 18.6 per cent. Increase of tonnage is shown in 40 states and territories and the District of Columbia, while 9 states—Maine, New Hampshire, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Illinois, and Iowa—showed a decrease. Massachusetts, Delaware, and the District of Columbia showed an increased tonnage with a decreased acreage.

The various divisions occupy the same relative positions in gain or loss of tonnage as are given them by increase or decrease in acreage. The North Central division produced 48,988,418 tons in the year 1899, as against 41,010,825 tons in 1889, an increase of 7,977,693 tons; the Western division 10,695,270 tons, an increase of 5,409,861 tons; the South Central division 5,577,528

tons, a gain of 3,380,785 tons, and the South Atlantic division 3,192,498 tons, a gain of 1,088,040 tons. The North Atlantic division, with a production of 15,557,201 tons, shows a decrease in product of 676,844 tons, which is somewhat in excess of the proportion due to the curtailment of its acreage.

Of hay and forage, exclusive of cornstalks and corn strippings, Kansas ranked first in tonnage in 1899, although it ranked fourth in 1889, eighth in 1879, twenty-sixth in 1859, and was not organized as a territory until after 1850. Iowa ranked second, although it had held first place in the census of 1890, second in 1880, fifth in 1870, and nineteenth in 1850. New York was third in 1900, although it was first from 1850 to 1880, inclusive, and second in 1890.

The same general facts noted in the discussion of acreage in Table 3 are shown for quantity produced by the several states in Table 4. Eight states were required to contribute one-half the tonnage of hay and forage, although 5 states contributed one-half the production of corn. The same 8 states which stood at the head of the list in acreage reported in 1899 also led in the production of hay and forage, although their order is somewhat changed, owing to the varying yield per acre. These 8 states in 1849 reported 56.6 per cent of the hay crop, while in 1899 they reported only 50.2 per cent. Of these 8 states, Kansas, Illinois, Iowa, Minnesota, Missouri, and Ohio increased their tonnage and their percentage of the total crop. The other states—New York and Pennsylvania—increased their production, but at a rate very much smaller than that of the country, so that the former state which in 1849 reported 27.0 per cent of the hay tonnage in 1899 reported only 8.0 per cent, and the latter which in 1849 reported 13.3 per cent reported 4.8 per cent fifty years later.

PER CENT OF INCREASE OR DECREASE.

Table III presents a comparative statement of the acreage and production of hay in the United States in 1889 and 1899, with increase and per cent of increase in the decade.

In the last decade the largest per cent of increase was made by the South Central division, which increased its acreage 102.9 per cent and its product 131.4 per cent. The Western division showed an increase of 91.4 per cent in acreage and 102.2 per cent in product, the South Atlantic division gained 12.2 per cent in acreage and 4.3 per cent in tonnage, and the North Central division gained 10.7 per cent in acreage and 12.6 per cent in tonnage. The North Atlantic division showed a decrease of 2.2 per cent in area and of 6.8 per cent in production. The North Central division held first place both in acreage and production of this crop, having reported 57.8 per cent of the total acreage and 58.2 per cent of the entire production of the United States in 1899. This division also ranked first in acreage and production in 1889. Its increase in acreage during the last decade was 39.4 per cent of the net increase for the entire United States, and the increase in tonnage 41.4 per cent. Of all the farms reporting hay, 1,689,291, or 47.1 per cent, are located in this division.

The greatest per cent of increase, 2,162.4 in acreage and 2,710.0 in production, was shown in Oklahoma. This wonderful gain is explained by the fact that the territory was opened for settlement in 1889, and at the time of taking the Eleventh Census practically no progress had been made in agriculture, while since that time it has had a very large growth. Indian Territory has also made large gains and is now of considerable importance as a hay-producing region, but as the Eleventh Census did not show any report of hay and forage for the territory it is impossible to show the per cent of increase, which has undoubtedly been very large. Rhode Island showed the heaviest per cent of loss in acreage, 25.9 per cent, New Jersey, the heaviest loss in production, 29.7 per cent. Vermont is the only state in the North Atlantic division showing a gain in both acreage and production, the acreage increasing 1.2 per cent and the tonnage 10.8 per cent. Massachusetts, with a loss of 2.8 per cent in acreage, shows a gain of 7.0 per cent in tonnage.

Almost all of the Southern states, both in the South Atlantic and the South Central divisions, showed large gains in acreage and in production, South Carolina ranking first, with an increase of 264.3 per cent in area and 303.3 per cent in yield. Louisiana ranked second, with a gain of 252.2 per cent in area and 302.6 per cent in yield. Florida, Georgia, and Alabama each more than doubled their hay acreage in the decade. The increase in these states is due largely to the fact that large areas which have been allowed to lie idle for a long period are being brought under cultivation and the amount of land used for the production of hay and forage, which has heretofore been but the merest fraction of the agricultural area of these states, is being gradually brought up to a proportion approaching that in the other Southern states.

The great increase in the use of fertilizers and the more general use of leguminous forage plants, producing heavier annual yields per acre, account for the greater gain in the per cent of production compared with that of acreage. In the North Central division the largest per cent of increase is that for North Dakota, 152.5 per cent in acreage and 228.8 per cent in production, while South Dakota gained 47.1 per cent in acreage and 54.3 per cent in production. Each of these states showed large increases in the number of live stock. The larger hay acreages shown for these states are the natural result of the development of the farming industry. Minnesota, too, showed gains, 16.6 per cent in acreage and 38.4 per cent in production, due to the cultivation of considerable quantities of new lands and the increase in dairy interests, the number of dairy cows increasing 26.9 per cent during the decade. Kansas showed a gain of 16.5 per cent in acreage and 45.6 per cent in production. This state showed a decrease in the number of dairy cows but a large gain, 11.9 per cent, in the total number of neat cattle (excluding calves, which were not included in the report of the Eleventh Census).

HAY AND FORAGE.

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TABLE III.—COMPARATIVE STATEMENT SHOWING INCREASE OR DECREASE IN ACREAGE AND TONNAGE OF HAY AND FORAGE CROPS, EXCLUSIVE OF CORNSTALKS.

STATES AND TERRITORIES.	ACREAGE.					TONS.				
	1890	1889	Increase.	Decrease.	Percent.	1890	1889	Increase.	Decrease.	Per cent.
The United States ¹	61,601,069	52,048,797	8,742,272	.....	16.5	79,251,562	66,881,480	12,420,082	.....	18.6
North Atlantic division.....	12,919,041	13,205,321	.....	286,280	2.2	15,128,311	16,284,045	.....	1,105,734	6.8
Maine.....	1,270,254	1,300,302	.....	30,048	2.3	1,183,932	1,192,228	.....	58,296	4.9
New Hampshire.....	615,042	652,722	.....	37,680	5.8	653,265	659,368	.....	6,103	0.9
Vermont.....	1,000,375	994,107	12,268	.....	1.2	1,329,972	1,205,953	124,019	.....	10.3
Massachusetts.....	610,028	627,385	.....	17,362	2.8	848,950	793,107	55,783	.....	7.0
Rhode Island.....	69,776	94,111	.....	24,335	25.9	75,410	101,302	.....	25,982	25.6
Connecticut.....	478,555	511,728	.....	33,173	6.5	585,386	612,908	.....	77,570	12.7
New York.....	5,154,965	5,243,010	.....	88,045	1.7	6,319,475	6,875,658	.....	556,183	5.8
New Jersey.....	444,610	458,267	.....	13,657	2.9	465,187	661,791	.....	196,654	29.7
Pennsylvania.....	8,269,441	8,323,689	.....	54,248	1.7	8,760,834	4,881,582	.....	564,748	18.0
South Atlantic division.....	2,161,201	1,925,753	235,448	.....	12.2	2,194,115	2,104,458	89,657	.....	4.8
Delaware.....	74,800	76,199	.....	1,399	1.8	79,303	105,281	.....	25,928	24.6
Maryland.....	374,818	372,626	2,222	.....	0.6	415,197	494,157	.....	78,960	16.0
District of Columbia.....	1,228	1,561	.....	333	21.3	2,241	1,868	878	.....	20.0
Virginia.....	612,962	604,857	8,105	.....	1.3	627,979	656,153	.....	28,174	4.3
West Virginia.....	601,035	579,129	22,806	.....	3.9	541,084	550,645	.....	9,561	1.7
North Carolina.....	229,998	190,754	39,244	.....	20.6	246,820	191,262	55,558	.....	29.0
South Carolina.....	106,124	20,132	76,992	.....	264.3	108,886	27,000	81,886	.....	308.3
Georgia.....	137,312	68,834	73,478	.....	115.1	150,224	69,769	80,465	.....	115.8
Florida.....	21,991	7,681	14,333	.....	187.1	22,381	8,373	14,008	.....	167.8
North Central division.....	35,076,042	32,220,468	8,456,574	.....	10.7	46,168,805	41,010,825	5,147,980	.....	12.6
Ohio.....	8,016,261	2,902,026	28,235	.....	0.8	8,620,722	8,981,070	.....	351,348	8.8
Indiana.....	2,442,414	2,830,504	111,910	.....	4.8	2,905,608	2,741,045	164,563	.....	6.0
Illinois.....	3,843,010	3,522,884	178,974	.....	5.1	3,948,568	4,911,104	.....	982,541	19.6
Michigan.....	2,328,498	2,024,736	308,762	.....	15.0	2,703,214	2,385,155	318,059	.....	18.3
Wisconsin.....	2,307,982	2,232,317	105,665	.....	7.4	3,275,169	2,981,521	293,648	.....	9.8
Minnesota.....	8,157,690	2,709,191	448,499	.....	16.6	4,339,928	3,185,241	1,204,087	.....	88.4
Iowa.....	4,640,378	5,288,918	589,540	.....	11.3	6,600,169	7,204,700	.....	664,531	9.1
Missouri.....	3,481,506	2,870,562	610,944	.....	21.8	4,002,190	8,567,035	494,564	.....	18.9
North Dakota.....	1,410,534	558,720	851,814	.....	152.5	1,747,390	531,472	1,216,918	.....	228.8
South Dakota.....	2,287,875	1,554,918	732,962	.....	47.1	2,378,392	1,541,524	836,868	.....	54.3
Nebraska.....	2,823,652	2,462,245	361,407	.....	14.7	3,502,380	3,115,398	886,982	.....	12.4
Kansas.....	4,387,342	3,728,452	618,890	.....	16.5	7,006,671	4,854,960	2,211,711	.....	45.6
South Central division.....	8,888,662	1,913,532	1,970,130	.....	102.9	5,088,326	2,196,743	2,886,582	.....	181.4
Kentucky.....	689,139	661,705	21,484	.....	3.2	665,066	652,995	2,071	.....	0.3
Tennessee.....	616,617	571,553	74,064	.....	12.9	679,450	630,417	49,038	.....	7.8
Alabama.....	85,858	89,998	46,860	.....	118.6	100,061	54,804	45,757	.....	84.8
Mississippi.....	99,261	68,159	33,102	.....	50.2	129,332	85,054	44,278	.....	52.1
Louisiana.....	97,186	27,576	60,560	.....	252.2	168,448	40,601	122,842	.....	802.6
Texas.....	938,024	377,623	560,501	.....	148.5	1,466,452	528,500	937,952	.....	177.5
Oklahoma.....	695,313	80,738	604,580	.....	2,102.4	1,187,296	40,478	1,096,828	.....	2,710.0
Indian Territory.....	400,398	(2)	.....	.....	.....	480,609	(2)	.....	.....	.....
Arkansas.....	239,426	188,290	101,136	.....	73.1	271,616	164,399	107,217	.....	65.2
Western division.....	7,051,128	8,688,728	8,867,400	.....	91.4	10,687,006	5,285,409	5,401,597	.....	102.2
Montana.....	875,712	800,083	575,679	.....	101.9	1,059,208	268,689	790,579	.....	294.2
Wyoming.....	380,760	178,010	207,759	.....	120.1	462,101	147,963	314,138	.....	212.3
Colorado.....	952,214	481,621	470,593	.....	97.7	1,048,347	714,555	928,702	.....	130.0
New Mexico.....	87,858	20,875	60,988	.....	280.8	105,324	47,253	148,071	.....	813.4
Arizona.....	92,674	27,968	64,706	.....	281.8	177,504	68,947	118,557	.....	177.0
Utah.....	388,043	159,868	228,675	.....	143.3	850,902	801,001	519,061	.....	181.9
Nevada.....	292,184	140,190	161,935	.....	108.4	419,812	225,827	198,985	.....	85.9
Idaho.....	513,056	190,501	328,155	.....	109.6	899,125	260,104	630,021	.....	284.1
Washington.....	407,139	286,013	211,126	.....	73.8	826,897	895,770	481,127	.....	108.9
Oregon.....	781,823	407,061	264,762	.....	56.7	1,117,400	632,115	485,285	.....	76.8
California.....	2,289,601	1,481,574	808,027	.....	56.4	8,035,266	2,218,285	816,981	.....	36.8

¹Not including Alaska and Hawaii.²Not reported prior to 1900.

The increase in the production of hay and forage, however, was largely due to the great quantities of sorghum cane and Kafir corn grown for forage. These crops produce heavy yields per acre, and their production, especially that of Kafir corn, has been developed very greatly in Kansas during the last decade. Iowa and Illinois were the only states in the North Central division which reported reduced hay and forage crops. The acreage of Iowa decreased 11.3 per cent and its production fell off 9.1 per cent, and in Illinois the decrease was 5.1 per cent in acreage and 19.6 per cent in production. Both these states showed a decrease in the number of dairy cows—Iowa 5.0 per cent, and Illinois 7.4 per cent—while the decrease in all neat cattle (excluding calves) was 22.3 per cent for Illinois and 16.7 per cent in Iowa. The relative decrease in the numbers of such animals in these states was larger than that reported for any division. This and the increased cereal acreage sufficiently explain the changes in the hay and forage crop of these great agricultural states.

Of the increases of the South Central division, those for Oklahoma, Indian Territory, Louisiana, and Alabama have already been considered. Texas showed an increase of 148.5 per cent in area and of 177.5 per cent in production. The changes in this state were due largely to the gradual failure of the ranges, caused by overstocking, resulting in heavy decreases in the number of sheep and cattle, and to a gain in the number of settlers and farmers who harvested hay and forage from lands which ten years before were used only for grazing purposes. In the Western division the hay and forage crops increased uniformly in acreage and production. The changes in these states and territories are attributable to irrigation, and the changes in the kind of hay produced, the replacing of thousands of acres of wild grass and grazing land with alfalfa, the deterioration of the ranges, and a more provident method of conducting live-stock interests by harvesting hay and forage for wintering purposes, as well as to the natural development of the country.

CHANGES IN THE CENTER OF PRODUCTION.

Table IV presents a summary from Table 4, giving the percentages of the total tonnage of hay and forage contributed by the several geographic divisions, from 1850 to 1900.

TABLE IV.—PER CENT OF THE TONS OF HAY AND FORAGE PRODUCED IN EACH OF THE GEOGRAPHIC DIVISIONS: 1850 TO 1900.

GEOGRAPHIC DIVISIONS.	1900	1890	1880	1870	1860	1850
The United States.....	100.0	100.0	100.0	100.0	100.0	100.0
North Atlantic	19.1	24.3	36.0	47.3	53.4	68.4
South Atlantic	2.8	3.1	2.7	2.9	6.2	5.4
North Central	58.2	61.4	54.6	45.6	87.0	24.1
South Central	6.4	8.3	1.5	1.4	2.5	2.0
Western	13.5	7.9	5.2	2.8	1.9	0.1
Alaska and Hawaii ¹	(2)					

¹ No report prior to 1900.

* Less than one-tenth of 1 per cent.

This table shows the westward movement of the hay crop of the country since 1850 so far as the same can be shown by figures for geographic divisions. In 1850 the North Atlantic division reported 68.4 per cent of the crop. The center of the crop was then in the state of New York. While the total production of hay in that division has increased over 50 per cent, its proportion of the total has decreased from 68.4 to 19.1 per cent, and during the same time the proportion of the North Central division has increased from 24.1 to 58.2 per cent and that of the Western division from 0.1 to 13.5 per cent. There has been no very marked change in the southern divisions, the per cent of the crop raised in the South Central division increasing from 2.0 to 6.4 per cent, and that of the South Atlantic has declined from 5.4 per cent to 2.8 per cent. The increase in the South Central division has been confined largely to Texas, Oklahoma, and Indian Territory. The hay crop was very largely produced in the states north of Mason and Dixon's line and the Ohio River. The center of production was in 1900 probably in the state of Illinois, although no calculation to prove this has been made.

HAY AND FORAGE ON FARMS OF SPECIFIED AREAS.

Table 9 gives by states and territories the number of farms of specified areas that reported hay and forage (exclusive of cornstalks) in 1899, together with the number of acres and tons of hay and forage produced.

Table V gives for each of the groups of farms of specified areas the per cent of the number which reported hay, the average number of acres reported per farm, and the tons per acre.

TABLE V.—PER CENT OF THE NUMBER OF FARMS OF SPECIFIED AREAS REPORTING HAY AND FORAGE IN 1899, WITH THE AVERAGE NUMBER OF ACRES PER FARM AND TONS PER ACRE.

FARMS CLASSIFIED BY AREA IN ACRES.	Per cent of farms reporting hay and forage.	AVERAGE NUMBER OF	
		Acres per farm reporting.	Tons per acre.
All farms.....	62.4	17.21	1.3
Under 3.....	15.9	2.25	1.3
3 and under 10.....	38.7	2.20	1.4
10 and under 20.....	36.1	3.29	1.4
20 and under 60.....	46.6	5.26	1.3
60 and under 100.....	60.4	10.25	1.2
100 and under 175.....	78.8	17.32	1.3
175 and under 260.....	78.9	24.61	1.3
260 and under 500.....	81.1	36.51	1.3
500 and under 1,000.....	79.4	59.69	1.3
1,000 and over	75.3	137.69	1.3

The relatively greatest number of farms reporting hay and forage was found in the group containing from 260 to 500 acres. Of the farms of that group 81.1 per cent reported the crop, while of the farms of the smaller areas the corresponding percentages decreased regularly, and was but 15.9 per cent in farms under three acres. The operators of small farms apparently found it more profit-

able to devote the land to other crops. Of the farms containing 500 and under 1,000 acres 79.4 per cent reported hay and forage, and of those containing 1,000 acres and over, 75.3 per cent reported the crop. A comparison of the figures of the number of farms in the various groups reporting hay and forage, as given in Table 9 of this section, with the figures of Table 2 of Part I of this report shows that most of the farms containing over 1,000 acres which reported no hay are located in the South.

As shown by table v, the per cent of farms reporting hay increased under each classification by specified area up to and including farms 260 to 500 acres in area, and then a decrease was shown in each of the two larger classifications.

The decreased percentages in these groups reflect, therefore, the influence of locality, and are not a result of any economic feature at work on farms of different areas.

The area per farm reporting, for the whole country, averaged 17.21 acres. It varied from 2.20 for farms of 3 and under 20 acres to 137.69 for farms of 1,000 acres and over. The average area for farms under 3 acres was 2.25 acres. Between the two extremes mentioned the acreage per farm made a more or less regular series.

The average production per acre while varying little was smallest for farms containing from 50 to 100 acres.

HAY AND FORAGE ON FARMS OF SPECIFIED TENURES.

Table 7 gives for the United States and by geographic divisions the acreage and production of hay and forage crops on farms of specified tenures. Table 8 gives the same information for farms of white farmers classified by tenure, and Table 9 provides similar information for farms of colored farmers. Table vi gives for all farms classified by tenure the per cent which report hay and forage, the average number of acres per farm reporting, and the average production, per acre.

TABLE VI.—PER CENT OF THE NUMBER OF FARMS OF SPECIFIED TENURES REPORTING HAY AND FORAGE IN 1899, WITH THE AVERAGE NUMBER OF ACRES PER FARM AND TONS PER ACRE.

FARMS CLASSIFIED BY TENURE	Per cent of farms reporting hay and forage.	AVERAGE NUMBER OF—	
		Acres per farm re- porting.	Tons per acre.
All farms.....	62.4	17.21	1.3
Owners.....	69.8	16.28	1.8
Part owners.....	74.6	26.79	1.3
Owners and tenants.....	78.5	19.96	1.3
Managers.....	71.5	56.16	1.4
Cash tenants.....	49.2	18.45	1.3
Share tenants.....	46.6	14.08	1.2

The per cent of farms of specified tenures that reported hay and forage was greatest for owners and tenants and least for share tenants, being 78.5 per cent for the former and 46.6 per cent for the latter. The variation for the four forms of owned farms was not very great, but their percentages were all much greater than those for cash and share tenants. Although there was a difference between the percentages of owned and rented farms in every division, this difference was greatest in the Southern states, where a comparatively limited number of farms produced hay and forage. This partially explains the variation in percentages between "owned" and "rented" farms mentioned above. The average acreage of hay and forage per farm varied proportionately with the average size of farms reported by owners, part owners, and owners and tenants. The average size of farms of managers was about ten times that of owners, and they reported but three times the average acreage of hay and forage. The cash and share tenant farms reversed their relative positions, the former, with an average area of 102.7 acres per farm, reporting an average of 13.5 acres per farm under hay and forage, and the latter, with an average area of 92.4 acres per farm, reporting an average of 14.6 acres per farm under this crop. This was due to the fact that a large number of semi-abandoned farms whose principal crop was hay and forage were operated by share tenants in 1899. Attention has previously been called to this fact in this volume and in Part I of this report.

The average yield per acre was smallest for the share tenants, which probably reflects the result of the condition of affairs discussed in the last paragraph. The only exception from a marked uniformity besides the one mentioned was that of farms of managers. This average was 1.4 tons per acre, while all the others had an average of 1.3 tons. The greater average for the managed farms reflects the influence of large farms, on which there is a greater opportunity to select land for particular crops, with a greater probability of assigning each crop to the land best adapted to the same. A better illustration of this principle, as well as fuller description thereof, is found in the discussion of the corresponding table relating to potatoes.

HAY AND FORAGE ON FARMS OF WHITE AND COLORED FARMERS.

Table vii gives percentages for white and colored farmers, by geographic divisions, similar to those presented in tables v and vi for farms of specified area and tenure.

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TABLE VII.—PER CENT OF THE NUMBER OF FARMS OPERATED BY WHITE AND COLORED FARMERS REPORTING HAY AND FORAGE IN 1899, WITH THE AVERAGE NUMBER OF ACRES PER FARM AND TONS PER ACRE, BY GEOGRAPHIC DIVISIONS.

GEOGRAPHIC DIVISIONS.	FARMS OF WHITE FARMERS.			FARMS OF COLORED FARMERS.		
	Per cent reporting hay and forage.	Acres per farm reporting.	Tons per acre.	Per cent reporting hay and forage.	Acres per farm reporting.	Tons per acre.
The United States	67.2	18.80	1.3	31.4	2.25	1.2
North Atlantic	93.1	20.52	1.2	73.6	12.13	1.1
South Atlantic	62.7	4.87	1.0	51.6	.71	1.1
North Central	77.1	21.15	1.3	58.8	15.12	1.2
South Central	36.2	8.41	1.3	17.4	2.68	1.2
Western	74.4	39.97	1.5	42.0	20.97	1.4
Alaska and Hawaii	2.3	8.00	4.0	0.1	1.00	1.0

A very great difference existed in the per cent of farms reporting hay and forage not only between the different races, but also between farmers of the same race in different sections of the country. In the North Atlantic division 93.1 per cent of the white farmers and 73.6 per cent of the colored farmers reported this crop, and in the South Central division reports on hay and forage were received from 36.2 per cent of the white farmers and 17.4 per cent of the colored farmers. The reports of other divisions varied between these limits, the per cent of white farmers predominating in each.

The average number of acres per farm devoted to the production of this crop by the white farmers in the country was 18.80, and by the colored farmers, 2.25. This difference in size is very marked in each of the geographic divisions, as is shown by the above table. With one exception, that of the South Atlantic division, there was a lower average yield per acre for colored farmers than for white. The variations of this character reflect poorer cultivation by the colored race

and also the difference in the farm lands cultivated by the two classes of farmers. The average farm of the colored farmer was smaller than that of the white farmer, and this undoubtedly accounts for the whole of the difference recorded in the column for average acreage per farm, and probably for some of the variations in the column for the average yield per acre.

Table VIII gives for farms of white and colored farmers classified by tenure, percentages and averages similar to those shown in table VII for the races classified by geographic divisions.

TABLE VIII.—PER CENT OF THE NUMBER OF FARMS OPERATED BY WHITE AND COLORED FARMERS OF SPECIFIED TENURES REPORTING HAY AND FORAGE IN 1899, WITH THE AVERAGE NUMBER OF ACRES PER FARM AND TONS PER ACRE.

FARMS CLASSIFIED BY TENURE.	FARMS OF WHITE FARMERS.			FARMS OF COLORED FARMERS.		
	Per cent reporting hay and forage.	Acres per farm reporting.	Tons per acre.	Per cent reporting hay and forage.	Acres per farm reporting.	Tons per acre.
All farms	67.2	18.80	1.3	31.4	2.25	1.2
Owners	71.8	16.02	1.3	37.0	4.89	1.2
Part owners	76.6	27.85	1.3	46.9	3.04	1.2
Owners and tenants	79.6	20.20	1.3	44.4	5.87	1.2
Managers	72.2	57.05	1.4	49.1	15.12	1.3
Cash tenants	59.7	17.25	1.3	31.1	0.84	1.2
Share tenants	62.4	16.58	1.2	26.5	1.24	1.2

The same variations are to be found here as are shown in tables VI and VII. The colored farmers had smaller percentages of the total number of farms raising hay. Their averages for all tenures were less per farm and per acre than those of the white farmers, and there were the same variations between the farms of different tenures, as are shown in table VI. The figures, therefore, need no further elucidation.

GENERAL TABLES.

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TABLE 1.—ACREAGE AND VALUE OF THE HAY AND FORAGE CROP, ACREAGE AND VALUE OF ALL CROPS, AND ACREAGE OF IMPROVED LAND IN 1899, WITH AVERAGES AND PERCENTAGES, BY STATES AND TERRITORIES.

STATES AND TERRITORIES.	Rank. ¹	Acres of hay and forage.	Acres of all crops.	Acres of improved land.	PER CENT OF ACREAGE OF—		Value of all crops.	Value of hay and forage.	Per cent of value of all crops in hay and forage.	AVERAGE VALUE PER ACRE OF—		
					All crops in hay and forage.	Im- proved land in hay and forage.				All crops	Hay and forage.	
The United States ²	61,691,166	289,821,549	414,793,191		21.3	14.9	\$2,910,138,663	\$484,256,846	16.6	\$10.04	\$7.85	100.0
North Atlantic division	2	12,910,041	24,683,865	38,920,614	52.3	33.2	374,956,069	141,950,494	37.0	15.19	10.90	29.3
South Atlantic division	5	2,161,201	29,194,661	46,100,226	7.4	4.7	330,870,926	28,926,431	8.8	11.32	13.88	6.0
North Central division	1	35,876,042	183,000,561	222,814,099	21.9	16.0	1,373,021,066	221,866,406	16.2	8.42	6.22	45.8
South Central division	4	8,888,662	56,238,143	80,007,867	6.9	4.9	617,822,833	30,663,233	5.0	10.99	7.00	6.3
Western division	3	7,051,123	16,622,861	27,155,681	42.4	26.0	192,068,844	60,839,199	31.6	11.59	8.03	12.6
Alabama	41	85,853	6,702,368	8,654,991	1.3	1.0	70,096,268	1,707,638	2.4	10.41	20.01	0.4
Alaska	51	78	104	169	75.0	49.1	6,603	1,840	20.3	68.49	17.18	(3)
Arizona	44	92,674	150,872	254,521	61.4	86.4	2,423,471	1,362,112	56.2	16.06	14.70	0.8
Arkansas	40	239,426	5,211,537	6,953,735	4.6	8.4	56,808,494	1,918,163	8.4	10.84	7.99	0.4
California	9	2,289,601	7,030,284	11,058,887	31.9	18.7	93,641,894	19,436,398	20.8	13.32	8.68	4.0
Colorado	17	952,214	1,593,962	2,273,968	59.7	41.9	16,857,533	8,150,279	48.4	10.58	8.57	1.7
Connecticut	24	478,556	634,622	1,064,525	75.4	45.0	15,349,860	6,001,280	30.1	24.10	12.54	1.2
Delaware	48	74,800	478,987	754,010	15.8	9.9	6,024,879	989,848	16.4	12.71	13.28	0.2
District of Columbia	60	1,228	8,233	5,984	88.0	20.7	669,159	22,772	8.4	206.08	18.54	(3)
Florida	49	21,994	1,002,331	1,511,053	2.1	1.5	12,860,168	485,297	3.4	12.10	10.70	0.1
Georgia	35	187,312	8,412,907	10,616,644	1.6	1.3	88,128,224	8,084,992	3.7	9.88	22.10	0.6
Hawaii	52	19	86,854	294,545	(*)	(*)	21,292,422	803	(*)	245.15	42.26	(3)
Idaho	33	513,656	953,545	1,418,118	59.9	96.8	8,951,440	4,238,993	47.4	9.39	8.25	0.9
Illinois	5	8,848,010	20,805,406	27,690,219	16.0	12.1	212,276,816	25,508,619	12.0	10.17	7.65	5.8
Indiana	8	2,442,414	11,407,798	16,680,858	21.4	14.6	117,266,815	20,227,197	17.2	10.28	8.28	4.2
Indian Territory	46	400,893	2,485,242	3,002,198	16.1	18.1	16,601,142	1,189,079	6.8	6.72	2.84	0.2
Iowa	3	4,640,878	22,170,704	29,807,552	21.0	15.6	192,286,098	30,042,246	15.0	8.67	6.46	0.2
Kansas	11	4,837,842	18,304,271	25,040,550	23.6	17.3	112,684,696	18,499,287	16.4	0.18	4.27	3.8
Kentucky	28	683,189	6,582,696	18,741,968	10.4	5.0	74,788,365	6,100,647	8.2	11.86	8.93	1.3
Louisiana	45	97,186	8,421,751	4,666,532	2.8	2.1	61,272,676	1,858,118	2.2	17.91	13.98	0.3
Maine	14	1,270,254	1,600,655	2,886,880	76.5	58.2	19,301,802	10,641,546	55.1	11.62	8.38	2.2
Maryland	31	374,848	2,081,995	8,516,852	18.4	10.7	29,046,607	4,700,072	16.2	14.29	12.56	1.0
Massachusetts	16	610,028	702,631	1,292,182	77.0	47.2	21,212,830	9,056,854	42.7	26.76	14.85	1.9
Michigan	6	2,828,498	8,092,013	11,790,250	28.8	10.7	85,095,846	21,792,987	25.6	10.52	9.36	4.5
Minnesota	12	8,157,690	15,180,962	18,442,585	20.9	17.1	113,092,602	14,585,281	12.9	7.47	4.62	8.0
Mississippi	42	99,261	5,611,114	7,594,428	1.8	1.8	81,860,150	1,450,870	1.8	14.50	14.71	0.8
Missouri	7	8,481,506	14,827,820	22,900,043	28.5	15.2	117,012,805	20,407,501	17.5	7.89	5.88	4.2
Montana	25	875,712	1,151,674	1,736,701	76.0	50.4	10,516,881	5,974,850	56.8	9.18	6.82	1.2
Nebraska	18	2,828,652	15,153,956	18,482,595	18.0	15.3	92,056,580	11,280,901	12.2	6.07	3.98	2.3
Nevada	39	292,184	828,458	572,946	88.9	51.0	2,868,716	2,067,206	72.2	8.72	7.08	0.4
New Hampshire	21	615,042	740,544	1,076,879	88.1	57.1	9,075,967	6,886,252	68.5	13.47	10.30	1.3
New Jersey	28	444,610	1,295,020	1,977,042	84.8	22.5	27,447,786	5,544,970	20.2	21.18	12.47	1.1
New Mexico	43	87,858	204,028	326,873	42.8	20.7	8,080,299	1,427,817	47.1	14.85	16.34	0.8
New York	1	5,154,965	9,521,648	15,509,986	54.1	88.0	142,247,245	55,237,446	38.8	14.94	10.72	11.4
North Carolina	32	229,998	5,769,954	8,327,106	4.0	2.8	68,708,921	4,242,561	6.7	11.04	18.45	0.9
North Dakota	30	1,410,534	7,821,875	9,644,520	18.0	14.6	58,928,010	5,182,917	9.0	6.89	8.67	1.1
Ohio	4	8,015,261	12,008,095	19,244,472	25.1	15.7	151,226,461	29,047,582	19.2	12.59	9.68	6.0
Oklahoma	36	695,813	3,971,809	5,511,994	17.5	12.6	26,612,442	2,888,682	10.8	6.70	4.15	0.6
Oregon	22	781,823	2,066,662	3,828,308	34.9	22.0	20,505,963	0,147,018	30.0	9.78	8.40	1.8
Pennsylvania	2	8,269,441	8,692,408	18,209,188	37.6	24.8	120,512,060	37,514,779	81.1	18.86	11.47	7.7
Rhode Island	47	69,776	98,578	187,854	70.8	37.2	2,844,840	1,081,482	38.0	28.86	15.60	0.2
South Carolina	38	106,124	4,751,885	5,775,741	2.2	1.8	56,975,133	2,304,784	4.0	11.99	21.72	0.5
South Dakota	26	2,287,875	8,848,734	11,285,988	25.9	20.3	44,069,381	5,964,229	13.5	4.98	2.60	1.2
Tennessee	20	645,017	6,890,550	10,245,950	9.4	6.3	65,058,618	6,811,577	10.4	9.53	10.55	1.4
Texas	19	988,024	15,236,576	19,576,076	6.2	4.8	103,444,678	7,294,450	4.5	10.73	7.78	1.5
Utah	34	388,043	686,374	1,032,117	56.5	37.6	8,229,660	8,802,820	46.9	11.99	9.95	0.8
Vermont	15	1,008,875	1,246,364	2,126,624	80.7	47.8	16,061,761	10,544,825	65.7	12.89	10.48	2.2
Virginia	18	612,902	4,553,584	10,094,805	13.5	6.1	54,904,626	7,670,082	14.0	12.06	12.51	1.6
Washington	27	497,189	1,991,109	8,465,900	25.0	14.8	22,530,024	5,881,088	25.9	11.82	11.78	1.2
West Virginia	29	601,935	2,185,285	5,498,981	28.2	10.9	28,068,209	5,517,073	23.9	10.80	9.17	1.1
Wisconsin	10	2,397,982	8,270,127	11,246,972	29.0	21.3	82,026,916	19,267,709	23.5	9.92	8.03	4.0
Wyoming	37	880,769	435,863	792,832	87.4	48.1	3,119,028	2,332,028	74.8	7.16	6.12	0.5

¹The first column shows the rank of the state or territory when arranged according to the value of hay and forage in 1899.²Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographic divisions.³Less than one-tenth of 1 per cent.

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TABLE 2.—ACREAGE, PRODUCTION, VALUE, AND PER CENT OF TOTAL VALUE OF HAY AND FORAGE IN 1899, WITH AVERAGES FOR 1879, 1889, AND 1899, BY STATES AND TERRITORIES.

STATES AND TERRITORIES.	Rank. ¹	Total number of farms.	Farms reporting hay and forage.	Acres. ²	TONS.		Value.	Per cent of total value.	AVERAGES, 1899.			AVERAGE TONS PER ACRE.		
					All hay and forage.	Exclusive of corn-stalks. ³			Acres per farm.	Value per acre.	Value per ton.	1899	1889	1879
					84,011,299	79,251,946	\$484,256,846	100.0	17.2	\$7.85	\$5.76	1.4	1.3	1.1
The United States ⁴	5,789,657	3,583,760	61,691,166											
North Atlantic division..	2	677,506	630,078	12,919,041	16,557,201	15,128,311	141,959,484	29.3	20.5	10.99	9.12	1.2	1.2	1.1
South Atlantic division..	5	962,225	571,041	2,161,201	3,192,498	2,194,115	28,926,481	6.0	3.8	13.38	9.06	1.5	1.1	0.8
North Central division ..	1	2,196,567	1,689,291	35,676,042	48,988,418	46,158,805	221,866,406	45.8	21.1	6.22	4.53	1.4	1.3	1.2
South Central division..	4	1,658,166	515,310	3,888,662	5,677,528	5,038,325	30,668,238	6.8	7.5	7.90	5.50	1.4	1.1	0.8
Western division.....	3	242,908	178,029	7,051,123	10,695,270	10,687,006	60,889,199	12.6	39.6	8.68	5.69	1.5	1.4	1.4
Alabama.....	41	223,220	68,661	85,853	172,908	100,061	1,707,638	0.4	1.2	20.01	9.88	2.0	1.4	0.8
Alaska.....	51	12	5	78	113	113	1,340	(1)	15.6	17.18	11.86	1.4	.....	.....
Arizona.....	44	5,809	2,639	92,674	177,831	177,504	1,862,112	0.8	35.1	14.70	7.66	1.9	2.3	1.0
Arkansas.....	40	178,694	43,220	239,426	288,416	271,616	1,918,168	0.4	5.5	7.99	6.63	1.2	1.2	0.8
California.....	9	72,542	49,402	2,239,601	3,035,982	3,035,266	19,436,398	4.0	45.3	8.68	6.40	1.4	1.5	1.4
Colorado.....	17	24,700	17,008	952,214	1,647,321	1,648,347	8,159,279	1.7	56.0	8.57	4.95	1.7	1.5	0.9
Connecticut	24	26,948	25,503	478,555	543,192	535,336	6,001,280	1.2	18.8	12.54	11.05	1.1	1.2	1.0
Delaware.....	48	9,687	7,717	74,800	128,193	79,303	989,848	0.2	9.7	13.23	7.72	1.7	1.4	1.2
District of Columbia	50	269	125	1,228	2,241	2,241	22,772	(1)	9.8	18.54	10.16	1.8	1.2	1.6
Florida.....	49	40,814	15,586	21,994	37,187	22,891	435,297	0.1	1.4	19.79	11.71	1.7	1.1	0.6
Georgia.....	35	221,691	107,648	137,312	287,148	150,224	3,034,902	0.6	1.3	22.10	10.57	2.1	1.1	0.9
Hawaii.....	52	2,273	8	19	271	271	803	(1)	2.4	42.26	2.96	14.3	.....	.....
Idaho.....	33	17,471	13,798	513,656	899,154	899,125	4,238,903	0.9	37.2	8.25	4.71	1.8	1.4	1.2
Illinois.....	5	264,151	181,534	3,943,910	4,256,211	3,948,563	25,568,619	5.3	18.4	7.65	6.01	1.3	1.4	1.3
Indiana.....	8	221,897	167,672	2,412,414	3,470,378	2,905,608	20,227,197	4.2	14.6	8.28	5.83	1.4	1.2	1.1
Indian Territory	46	45,505	8,786	400,393	483,939	480,609	1,139,079	0.2	45.6	2.84	2.35	1.2	.....	.....
Iowa.....	3	228,622	187,122	4,649,378	8,851,871	8,600,169	30,042,246	6.2	24.8	6.46	4.38	1.5	1.4	1.5
Kansas.....	11	173,098	137,083	4,337,342	7,235,136	7,066,671	18,499,287	3.8	31.6	4.27	2.56	1.7	1.3	1.2
Kentucky.....	23	234,667	86,575	638,139	776,584	655,066	6,100,647	1.3	7.9	8.93	7.86	1.1	1.0	0.7
Louisiana.....	45	115,960	14,635	97,136	248,601	163,448	1,363,118	0.3	6.6	13.93	5.44	2.6	1.5	0.8
Maine.....	14	59,299	58,413	1,270,251	1,136,584	1,138,982	10,641,546	2.2	21.7	8.38	9.36	0.9	0.9	0.9
Maryland.....	31	46,012	29,979	374,848	507,042	415,197	4,700,072	1.0	12.5	12.56	9.29	1.4	1.3	1.0
Massachusetts.....	16	37,715	34,278	610,023	856,505	848,950	9,056,851	1.9	17.8	14.85	10.57	1.4	1.3	1.1
Michigan.....	6	203,261	171,692	2,328,498	2,926,091	2,703,214	21,792,987	4.5	18.6	9.36	7.45	1.8	1.2	1.1
Minnesota.....	12	154,059	182,851	3,157,690	4,411,067	4,399,328	14,585,281	3.0	23.8	4.62	3.31	1.4	1.2	1.6
Mississippi.....	42	220,803	43,012	99,261	164,650	129,332	1,459,870	0.8	2.3	14.71	8.87	1.7	1.3	0.8
Missouri.....	7	284,886	170,833	3,481,506	4,326,896	4,062,199	20,407,501	4.2	19.7	5.88	4.73	1.2	1.2	0.8
Montana.....	25	13,370	10,656	875,712	1,059,361	1,059,268	5,974,850	1.2	82.2	6.82	5.64	1.2	0.9	1.1
Nebraska.....	13	121,525	84,849	2,823,652	3,517,495	3,502,380	11,230,901	2.3	33.3	3.98	3.19	1.2	1.3	1.5
Nevada.....	39	2,184	1,878	292,134	419,812	419,812	2,067,296	0.4	165.6	7.08	4.92	1.4	1.6	1.8
New Hampshire.....	21	29,324	28,731	615,042	654,978	653,265	6,336,252	1.3	21.4	10.30	9.67	1.1	1.0	0.9
New Jersey.....	28	34,650	27,640	444,610	542,796	465,137	5,544,970	1.1	16.1	12.37	10.22	1.2	1.4	1.3
New Mexico.....	43	12,311	5,464	87,358	196,545	195,324	1,427,317	0.8	16.0	16.34	7.26	2.2	1.8	0.9
New York.....	1	226,720	210,527	5,154,966	6,389,496	6,319,475	55,237,446	11.4	24.5	10.72	8.65	1.2	1.3	1.1
North Carolina.....	32	224,637	141,532	229,998	420,824	240,820	4,242,561	0.9	1.6	18.45	9.87	1.9	1.0	0.9
North Dakota.....	30	45,332	34,422	1,410,534	1,748,213	1,747,390	5,182,917	1.1	41.0	8.67	2.96	1.2	1.0	1.6
Ohio.....	4	276,719	220,089	3,015,261	4,192,871	3,029,722	29,047,532	6.0	13.7	9.03	6.98	1.4	1.3	1.0
Oklahoma.....	36	62,495	36,693	605,313	1,145,465	1,137,296	2,883,682	0.6	18.9	4.15	2.52	1.6	1.3	-----
Oregon.....	22	35,837	29,273	731,823	1,117,886	1,117,400	6,147,018	1.3	25.0	8.40	5.50	1.5	1.4	1.6
Pennsylvania.....	2	224,248	207,706	3,269,441	4,020,388	3,766,884	37,514,779	7.7	15.7	11.47	9.33	1.2	1.3	1.0
Rhode Island.....	47	5,498	4,721	69,776	76,920	75,410	1,081,482	0.2	14.8	15.50	14.06	1.1	1.1	0.8
South Carolina.....	38	155,355	87,777	106,124	213,249	108,886	2,804,734	0.5	1.2	21.72	10.81	2.0	0.9	1.0
South Dakota.....	26	52,622	44,165	2,287,875	2,888,774	2,878,392	5,954,229	1.2	51.8	2.60	2.50	1.0	1.0	-----
Tennessee.....	20	224,628	118,357	645,617	802,720	679,450	6,811,577	1.4	5.5	10.55	8.49	1.2	1.1	1.0
Texas.....	19	352,190	95,371	988,024	1,494,305	1,466,452	7,294,450	1.5	9.8	7.78	4.88	1.6	1.4	0.8
Utah.....	34	19,387	17,042	388,043	851,864	850,982	8,862,820	0.8	22.8	9.95	4.53	2.2	1.9	1.4
Vermont.....	15	83,104	82,557	1,006,375	1,336,347	1,329,972	10,544,825	2.2	30.9	10.48	7.89	1.3	1.2	1.0
Virginia.....	18	167,886	115,910	612,962	948,079	627,979	7,670,082	1.6	5.3	12.51	8.13	1.5	1.1	0.9
Washington.....	27	33,202	26,783	497,139	827,413	826,897	5,831,088	1.2	18.6	11.73	7.05	1.7	1.4	1.9
West Virginia.....	29	92,874	64,767	601,935	644,535	541,084	5,517,073	1.1	9.8	9.17	8.56	1.1	1.0	0.6
Wisconsin.....	10	169,795	150,919	2,397,982	8,607,212	8,275,169	19,287,709	4.0	15.9	8.03	5.25	1.5	1.8	1.3
Wyoming.....	37	6,095	4,141	380,769	462,101	462,101	2,382,028	0.5	92.0	6.12	5.05	1.2	0.9	1.0

¹ The first column shows the rank of the state or territory when arranged according to the value of hay and forage in 1899.² Not including area of cornfields from which grain has been harvested.³ All forage cut from fields of corn cultivated mainly for grain.⁴ Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographic divisions.⁵ Less than one-tenth of 1 percent.

TABLE 3.—ACREAGE OF HAY AND FORAGE, WITH PERCENTAGES, BY STATES AND TERRITORIES IN DESCENDING ORDER OF ACREAGE IN 1899, SUMMARY 1880 TO 1900.

STATES AND TERRITORIES.	CENSUS 1900.				CENSUS 1890.				CENSUS 1880.			
	Rank.	Acres. ¹	Per cent of total.	Cumulative per cent.	Rank.	Acres.	Per cent of total.	Cumulative per cent.	Rank.	Acres.	Per cent of total.	Cumulative per cent.
The United States ².....	.....	61,691,166	100.0	.....	.....	52,048,797	100.0	.....	.....	30,631,054	100.0	.....
North Central division.....	1	35,676,042	57.8	57.8	1	32,220,468	60.9	60.9	1	15,490,866	50.6	50.6
North Atlantic division.....	2	12,919,041	21.0	78.8	2	18,205,321	24.9	85.8	2	12,026,364	39.2	89.8
Western division.....	3	7,051,123	11.4	90.2	3	3,683,723	7.0	92.8	3	1,351,971	4.4	94.2
South Central division.....	4	3,883,662	6.3	96.5	5	1,913,582	3.6	96.4	5	633,433	2.1	96.3
South Atlantic division.....	5	2,161,201	3.5	100.0	4	1,925,753	3.6	100.0	4	1,128,420	3.7	100.0
New York.....	1	5,154,965	8.4	8.4	1	5,243,010	9.9	9.9	1	4,644,452	15.2	15.2
Iowa.....	2	4,649,378	7.5	15.9	2	5,238,918	9.9	19.8	3	2,490,027	8.1	23.3
Kansas.....	3	4,337,342	7.0	22.9	3	3,723,452	7.0	26.8	8	1,281,997	4.2	27.5
Missouri.....	4	3,481,506	5.6	28.5	7	2,870,562	5.4	32.2	7	1,297,994	4.2	31.7
Illinois.....	5	3,343,910	5.4	33.9	4	3,522,884	6.7	38.9	4	2,467,302	8.1	39.8
Pennsylvania.....	6	3,269,441	5.3	39.2	5	3,823,089	6.8	45.2	2	2,714,909	8.9	48.7
Minnesota.....	7	3,157,690	5.1	44.3	8	2,709,191	5.1	50.3	12	1,058,378	8.4	52.1
Ohio.....	8	3,015,261	4.9	49.2	6	2,992,026	5.6	55.9	5	2,189,782	7.2	59.8
Nebraska.....	9	2,823,652	4.6	53.8	9	2,462,245	4.6	60.5	18	516,869	1.7	61.0
Indiana.....	10	2,442,414	4.0	57.8	10	2,830,504	4.4	64.9	9	1,274,364	4.2	65.2
Wisconsin.....	11	2,397,982	3.9	61.7	11	2,232,317	4.2	69.1	6	1,484,920	4.9	70.1
Michigan.....	12	2,328,498	3.8	65.5	12	2,024,736	3.8	72.9	11	1,245,441	4.1	74.2
South Dakota ³	13	2,287,875	3.7	69.2	13	1,554,913	2.9	75.8	.....	.....	.....	.....
California.....	14	2,239,601	3.6	72.8	14	1,481,674	2.7	78.5	14	758,024	2.5	76.7
North Dakota ⁴	15	1,410,584	2.8	75.1	23	558,720	1.1	79.6	25	188,792	0.6	77.3
Maine.....	16	1,270,254	2.1	77.2	15	1,800,302	2.5	82.1	10	1,270,209	4.2	81.5
Vermont.....	17	1,006,375	1.6	78.8	16	994,107	1.9	84.0	13	1,015,620	8.3	84.8
Colorado.....	18	952,214	1.5	80.3	25	481,621	0.9	84.9	29	97,117	0.3	85.1
Texas.....	19	938,024	1.5	81.8	28	377,523	0.7	85.6	32	58,033	0.2	85.3
Montana.....	20	876,712	1.4	83.2	30	300,038	0.6	86.2	33	58,801	0.2	86.5
Oregon.....	21	731,823	1.2	84.4	26	467,061	0.9	87.1	26	166,506	0.5	86.0
Oklahoma ⁵	22	695,813	1.1	85.5	43	80,733	0.1	87.2	.....	.....	.....	.....
Kentucky.....	23	683,139	1.1	86.6	17	601,705	1.2	88.4	22	300,251	1.0	87.0
Tennessee.....	24	645,617	1.0	87.6	22	571,583	1.1	89.5	24	191,661	0.6	87.6
New Hampshire.....	25	615,042	1.0	88.6	18	652,722	1.2	90.7	15	674,440	2.2	89.8
Virginia.....	26	612,902	1.0	89.6	20	604,857	1.1	91.8	21	336,280	1.1	90.9
Massachusetts.....	27	610,023	1.0	90.6	19	627,385	1.2	93.0	16	639,408	2.1	93.0
West Virginia.....	28	601,935	1.0	91.6	21	570,129	1.1	94.1	20	366,323	1.2	94.2
Idaho.....	29	513,650	0.8	92.4	33	190,501	0.4	94.5	37	34,390	0.1	94.3
Washington.....	30	497,139	0.8	93.2	31	286,013	0.5	95.0	34	56,749	0.2	94.5
Connecticut.....	31	478,555	0.8	94.0	24	511,728	1.0	96.0	17	542,495	1.8	96.8
New Jersey.....	32	444,610	0.7	94.7	27	458,267	0.9	96.9	19	412,757	1.4	97.7
Indian Territory ⁶	33	400,393	0.7	95.4	.....	.....	.....	.....	.....	.....	.....	.....
Utah.....	34	388,043	0.6	96.0	35	159,368	0.8	97.2	31	65,214	0.2	97.9
Wyoming.....	35	380,769	0.6	96.6	34	173,010	0.3	97.5	39	24,328	0.1	98.0
Maryland.....	36	374,848	0.6	97.2	29	372,026	0.7	98.2	23	259,511	0.8	98.8
Nevada.....	37	292,134	0.5	97.7	36	140,199	0.3	98.5	30	74,923	0.2	99.0
Arkansas.....	38	239,426	0.4	98.1	37	138,290	0.3	98.8	38	26,749	0.1	99.1
North Carolina.....	39	229,998	0.4	98.5	32	190,754	0.4	99.2	28	101,758	0.3	99.4
Georgia.....	40	187,312	0.2	98.7	41	63,834	0.1	99.3	40	16,318	0.1	99.5
South Carolina.....	41	106,124	0.2	98.9	44	29,182	0.1	99.4	45	2,837	(?)	.....
Mississippi.....	42	99,261	0.2	99.1	40	66,159	0.1	99.5	43	9,319	(?)	.....
Louisiana.....	43	97,186	0.2	99.3	46	27,576	(?)	.....	36	35,514	0.1	99.6
Arizona.....	44	92,674	0.2	99.5	45	27,968	0.1	99.6	44	5,559	(?)	.....
New Mexico.....	45	87,358	0.1	99.6	47	26,375	(?)	.....	42	12,851	(?)	.....
Alabama.....	46	85,353	0.1	99.7	42	39,993	0.1	99.7	41	12,016	(?)	.....
Delaware.....	47	74,800	0.1	99.8	39	76,199	0.1	99.8	35	42,088	0.1	99.7
Rhode Island.....	48	69,776	0.1	.....	38	94,111	0.2	100.0	27	102,804	0.3	100.0
Florida.....	49	21,994	0.1	.....	48	7,661	(?)	.....	47	330	(?)	.....
District of Columbia.....	50	1,228	0.2	100.0	49	1,561	(?)	.....	46	2,361	(?)	.....
Alaska.....	51	78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hawaii.....	52	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Not including acreage of cornstalks.² Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographic divisions.³ Included in Dakota territory prior to 1890.⁴ Dakota territory prior to 1890.⁵ Included in Indian Territory prior to 1890.⁶ Not reported prior to 1900.⁷ Less than one-tenth of 1 per cent.

STATISTICS OF AGRICULTURE.

TABLE 4.—PRODUCTION OF HAY AND FORAGE IN TONS, WITH PERCENTAGES, BY STATES AND

STATES AND TERRITORIES.	CENSUS 1900.				CENSUS 1890.				CENSUS 1880.			
	Rank.	Total production in tons. ¹	Per cent of total.	Cumulative per cent.	Rank.	Total production in tons.	Per cent of total.	Cumulative per cent.	Rank.	Total production in tons.	Per cent of total.	Cumulative per cent.
	
1 The United States ²	79,251,940	100.0	.....	.....	66,881,480	100.0	.....	.....	35,150,711	100.0	.....	.....
2 North Central division	1 46,168,805	58.2	58.2	.....	1 41,010,825	61.4	61.4	.....	1 19,182,478	54.6	54.6	.....
3 North Atlantic division	2 15,128,311	19.1	77.3	.....	2 16,234,046	24.3	85.7	.....	2 12,005,694	36.0	90.6	.....
4 Western division	3 10,637,006	13.5	90.8	.....	3 5,285,409	7.0	98.6	.....	3 1,830,184	5.2	95.8	.....
5 South Central division	4 5,083,325	6.4	97.2	.....	4 2,196,748	3.3	96.9	.....	5 522,414	1.5	97.3	.....
6 South Atlantic division	5 2,194,115	2.8	100.0	.....	5 2,104,458	8.1	100.0	.....	4 948,941	2.7	100.0	.....
7 Kansas	1 7,006,671	8.9	8.9	.....	4 4,854,960	7.8	7.8	.....	8 1,601,932	4.6	4.6	.....
8 Iowa	2 6,600,169	8.3	17.2	.....	1 7,264,700	10.9	18.2	.....	2 3,613,941	10.3	14.9	.....
9 New York	3 6,319,475	8.0	25.2	.....	2 6,875,668	10.0	28.2	.....	1 5,255,642	14.9	29.8	.....
10 Minnesota	4 4,389,328	5.5	30.7	.....	8 3,185,241	4.7	32.9	.....	7 1,637,109	4.7	34.5	.....
11 Missouri	5 4,002,190	5.1	35.8	.....	7 3,567,035	5.3	38.2	.....	12 1,083,929	3.1	37.6	.....
12 Illinois	6 3,918,563	5.0	40.8	.....	3 4,911,104	7.8	45.5	.....	8 3,276,319	9.3	46.9	.....
13 Pennsylvania	7 3,766,834	4.8	45.6	.....	5 4,331,582	6.5	52.0	.....	4 2,911,517	8.0	54.9	.....
14 Ohio	8 3,029,722	4.6	50.2	.....	6 3,981,070	6.0	58.0	.....	5 2,212,133	6.8	61.2	.....
15 Nebraska	9 3,502,360	4.4	54.6	.....	9 3,115,398	4.7	62.7	.....	15 786,722	2.2	63.4	.....
16 Wisconsin	10 3,275,169	4.1	58.7	.....	10 2,981,521	4.5	67.2	.....	6 1,907,429	5.4	68.8	.....
17 California	11 3,035,266	3.8	62.5	.....	13 2,218,285	3.3	70.5	.....	14 1,945,119	3.0	71.8	.....
18 Indiana	12 2,905,608	3.7	66.2	.....	11 2,741,045	4.1	74.6	.....	10 1,361,083	3.0	75.7	.....
19 Michigan	13 2,703,214	3.4	69.6	.....	12 2,385,155	3.6	78.2	.....	9 1,393,845	4.0	79.7	.....
20 South Dakota ⁴	14 2,378,392	3.0	72.6	.....	14 1,541,524	2.8	80.5	.....	.....	.....	.....	.....
21 North Dakota ⁵	15 1,747,300	2.2	74.8	.....	27 631,472	0.8	81.8	.....	20 308,036	0.9	80.6	.....
22 Colorado	16 1,648,347	2.1	76.9	.....	18 714,555	1.1	82.4	.....	31 86,562	0.2	80.8	.....
23 Texas	17 1,466,452	1.9	78.8	.....	28 528,500	0.8	88.2	.....	35 48,530	0.1	80.9	.....
24 Vermont	18 1,329,972	1.7	80.5	.....	15 1,205,953	1.8	85.0	.....	13 1,052,188	3.0	83.9	.....
25 Oklahoma ⁶	19 1,187,296	1.4	81.9	.....	46 40,478	0.1	85.1	.....	.....	.....	.....	.....
26 Maine	20 1,188,932	1.4	83.3	.....	16 1,192,228	1.8	86.9	.....	11 1,107,788	3.1	87.0	.....
27 Oregon	21 1,117,400	1.4	84.7	.....	23 682,115	0.9	87.8	.....	22 206,187	0.8	87.8	.....
28 Montana	22 1,059,268	1.3	86.0	.....	33 268,689	0.4	88.2	.....	33 62,700	0.2	88.0	.....
29 Idaho	23 899,125	1.1	87.1	.....	32 260,104	0.4	88.6	.....	36 40,063	0.1	88.1	.....
30 Utah	24 850,962	1.1	88.2	.....	31 301,901	0.4	89.0	.....	20 92,735	0.3	88.4	.....
31 Massachusetts	25 848,950	1.1	89.8	.....	17 798,167	1.2	90.2	.....	16 684,679	1.9	90.3	.....
32 Washington	26 826,897	1.1	90.4	.....	30 395,770	0.6	90.8	.....	27 106,819	0.3	90.6	.....
33 Tennessee	27 679,450	0.9	91.3	.....	24 630,417	0.9	91.7	.....	26 186,698	0.5	91.1	.....
34 Kentucky	28 655,066	0.8	92.1	.....	22 652,995	1.0	92.7	.....	25 218,789	0.6	91.7	.....
35 New Hampshire	29 658,265	0.8	92.9	.....	20 659,308	1.0	93.7	.....	17 588,170	1.7	93.4	.....
36 Virginia	30 627,979	0.8	93.7	.....	21 656,168	1.0	94.7	.....	21 286,823	0.8	94.2	.....
37 West Virginia	31 541,084	0.7	94.4	.....	26 550,645	0.8	95.5	.....	24 282,888	0.7	94.9	.....
38 Connecticut	32 595,336	0.7	95.1	.....	25 612,906	0.9	96.4	.....	18 564,079	1.0	96.5	.....
39 Indian Territory ⁷	33 480,609	0.6	95.7	.....	.....	.....	.....	.....	.....	.....	.....	.....
40 New Jersey	34 465,187	0.6	96.3	.....	19 661,701	1.0	97.4	.....	19 518,990	1.5	98.0	.....
41 Wyoming	35 462,101	0.6	96.9	.....	37 147,963	0.2	97.6	.....	38 28,516	0.1	98.1	.....
42 Nevada	36 419,812	0.5	97.4	.....	34 225,827	0.8	97.9	.....	28 95,863	0.3	98.4	.....
43 Maryland	37 415,107	0.5	97.9	.....	29 494,157	0.7	98.6	.....	28 264,507	0.8	99.2	.....
44 Arkansas	38 271,616	0.3	98.2	.....	36 164,399	0.2	98.8	.....	30 20,680	0.1	99.3	.....
45 North Carolina	39 246,820	0.3	98.5	.....	35 191,262	0.3	99.1	.....	30 89,528	0.8	99.6	.....
46 New Mexico	40 195,324	0.3	98.8	.....	44 47,253	0.1	99.2	.....	41 11,025	(*)	.....	.....
47 Arizona	41 177,504	0.2	99.0	.....	42 63,947	0.1	99.8	.....	44 5,606	(*)	.....	.....
48 Louisiana	42 168,443	0.2	99.2	.....	45 40,601	0.1	99.4	.....	37 29,579	0.1	99.7	.....
49 Georgia	43 150,224	0.2	99.4	.....	41 69,769	0.1	99.5	.....	40 14,409	(*)	.....	.....
50 Mississippi	44 129,382	0.2	99.6	.....	40 85,054	0.1	99.6	.....	43 7,694	(*)	.....	.....
51 South Carolina	45 108,886	0.1	99.7	.....	47 27,000	(*)	.....	.....	46 2,706	(*)	.....	.....
52 Alabama	46 100,061	0.1	99.8	.....	43 54,804	0.1	99.7	.....	42 10,544	(*)	.....	.....
53 Delaware	47 79,303	0.1	99.9	.....	38 105,231	0.2	99.9	.....	34 49,632	0.1	99.8	.....
54 Rhode Island	48 75,410	.....	.....	.....	39 101,392	0.1	100.0	.....	32 82,646	0.2	100.0	.....
55 Florida	49 22,881	.....	.....	.....	48 8,878	(*)	.....	.....	47 179	(*)	.....	.....
56 District of Columbia	50 2,241	0.1	100.0	.....	49 1,868	(*)	.....	.....	45 3,759	(*)	.....	.....
57 Hawaii ⁸	51 271	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
58 Alaska ⁷	52 113	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Exclusive of cornstalks.² Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographic divisions.³ Less than one-tenth of 1 per cent.⁴ Included in Dakota territory prior to 1890.

GENERAL TABLES.

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TERRITORIES IN DESCENDING ORDER OF PRODUCT IN 1890, SUMMARY 1850 TO 1900.

CENSUS 1870.				CENSUS 1880.				CENSUS 1890.				
Rank.	Total production in tons.	Per cent of total.	Cumulative per cent.	Rank.	Total production in tons.	Per cent of total.	Cumulative per cent.	Rank.	Total production in tons.	Per cent of total.	Cumulative per cent.	
.....	27,316,048	100.0	.....	.....	19,088,896	100.0	.....	.....	18,838,642	100.0	.....	1
2	12,458,239	45.6	45.6	2	7,000,045	37.0	37.0	2	3,336,919	24.1	24.1	2
1	12,020,950	47.3	92.9	1	10,188,182	53.4	90.4	1	9,471,369	68.4	92.5	3
4	771,520	2.8	95.7	5	800,782	1.9	92.8	5	7,216	0.1	92.6	4
5	374,515	1.4	97.1	4	471,029	2.6	94.8	4	271,109	2.0	94.6	5
3	795,815	2.9	100.0	3	1,008,908	5.2	100.0	3	752,029	5.4	100.0	6
18	490,280	1.8	1.8	26	56,282	0.3	0.3	.....	.....	.....	.....	7
5	1,777,889	6.5	8.3	8	813,173	4.3	4.6	10	89,055	0.6	0.6	8
1	5,614,205	20.6	28.9	1	3,504,708	18.7	23.3	1	8,728,797	27.0	27.6	9
11	605,059	2.6	31.5	20	179,482	0.9	24.2	34	2,019	(*)	.....	10
12	615,611	2.8	33.8	16	401,070	2.1	26.3	17	116,925	0.9	28.5	11
3	2,747,889	10.1	43.9	3	1,774,554	9.3	35.6	7	601,952	4.4	32.9	12
2	2,848,219	10.4	54.3	2	2,245,418	11.8	47.4	2	1,842,970	13.3	46.2	13
4	2,289,565	8.4	62.7	4	1,504,502	8.2	55.6	3	1,443,142	10.4	56.6	14
28	169,854	0.6	63.3	32	24,458	0.1	55.7	.....	.....	.....	.....	15
7	1,287,651	4.7	68.0	7	855,037	4.5	60.2	14	275,662	2.0	58.6	16
16	551,773	2.0	70.0	17	805,655	1.6	61.8	33	2,038	(*)	.....	17
8	1,076,768	3.9	73.9	12	622,420	3.8	65.1	12	408,230	2.9	61.5	18
6	1,290,923	4.7	78.6	9	768,250	4.0	69.1	11	404,934	2.9	64.4	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
85	18,847	0.1	78.7	41	855	(*)	.....	.....	.....	.....	.....	21
32	19,787	0.1	78.8	.....	.....	.....	.....	.....	.....	.....	.....	22
33	18,982	0.1	78.9	34	11,805	0.1	69.2	28	8,354	0.1	64.5	23
10	1,020,669	3.7	82.6	6	940,178	4.9	74.1	4	866,153	6.3	70.8	24
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	25
9	1,059,415	3.9	86.5	5	975,803	5.1	79.2	5	755,889	5.5	76.3	26
27	75,857	0.3	86.8	31	27,980	0.1	79.8	35	373	(*)	.....	27
34	18,727	0.1	86.9	.....	.....	.....	.....	.....	.....	.....	.....	28
41	6,985	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
31	27,805	0.1	87.0	33	19,235	0.1	79.4	29	4,805	(*)	.....	30
14	507,465	2.2	89.2	10	665,381	8.5	82.9	6	651,807	4.7	81.0	31
30	80,233	0.1	89.3	37	4,580	(*)	.....	.....	.....	.....	.....	32
24	116,582	0.4	89.7	22	143,499	0.8	88.7	21	74,091	0.5	81.5	33
21	204,899	0.8	90.5	21	158,476	0.8	84.5	18	118,747	0.8	82.8	34
18	612,648	2.3	92.8	11	642,741	8.4	87.9	8	598,854	4.3	86.6	35
22	199,888	0.7	93.5	16	445,188	2.3	90.2	18	360,098	2.7	89.3	36
19	224,164	0.8	94.3	.....	.....	.....	.....	.....	.....	.....	.....	37
16	668,828	2.1	96.4	18	562,425	2.9	98.1	9	510,181	3.7	98.0	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
17	621,976	1.0	98.3	14	508,726	2.7	95.8	10	485,950	3.2	96.2	40
44	8,180	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
29	33,855	0.1	98.4	80	2,213	(*)	.....	.....	.....	.....	.....	42
20	228,119	0.8	99.2	18	191,744	1.0	96.8	15	157,956	1.1	97.3	43
42	6,889	(*)	.....	36	9,856	(*)	.....	30	8,976	(*)	.....	44
26	88,540	0.3	99.5	10	181,365	1.0	97.8	16	145,653	1.1	98.4	45
43	4,209	(*)	.....	40	1,118	(*)	.....	.....	.....	.....	.....	46
46	109	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
39	8,773	(*)	.....	27	52,721	0.8	98.1	24	25,752	0.2	98.6	48
38	10,518	(*)	.....	28	46,448	0.2	98.3	25	28,449	0.2	98.8	49
40	8,824	(*)	.....	30	82,901	0.2	98.5	27	12,504	0.1	98.9	50
36	10,665	(*)	.....	23	87,587	0.5	99.0	20	20,925	0.2	99.1	51
37	10,618	(*)	.....	25	62,211	0.8	99.3	22	32,085	0.2	99.8	52
28	41,890	0.2	99.7	20	86,978	0.2	99.5	23	30,159	0.2	99.5	53
25	89,046	0.3	100.0	24	82,722	0.4	99.9	20	74,818	0.5	100.0	54
47	17	(*)	.....	35	11,478	0.1	100.0	31	2,510	(*)	.....	55
46	2,019	(*)	.....	38	8,180	(*)	.....	32	2,279	(*)	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58

⁵Dakota territory prior to 1890.⁶Included in Indian Territory prior to 1890.⁷Not reported prior to 1900.⁸Acquired in 1888.

STATISTICS OF AGRICULTURE.

TABLE 5.—FARMS REPORTING, ACREAGE, AND PRODUCTION OF SPECIFIED CLASSES

STATES AND TERRITORIES.	WILD, SALT, AND PRAIRIE GRASSES.				MILLET AND HUNGARIAN GRASSES.				ALFALFA, OR LUCERN.			
	Farms reporting.	Acres.	Tons.	Average tons per acre.	Farms reporting.	Acres.	Tons.	Average tons per acre.	Farms reporting.	Acres.	Tons.	Average tons per acre.
1 The United States ¹	531,596	15,456,840	17,284,952	1.1	278,680	1,743,887	2,850,950	1.6	96,114	2,094,011	5,220,671	2.5
2 North Atlantic division.....	16,292	152,064	170,781	1.1	16,027	42,754	71,603	1.7	1,374	6,236	13,776	2.2
3 South Atlantic division.....	8,719	39,481	47,560	1.2	8,372	27,613	33,377	1.2	242	1,087	1,618	1.5
4 North Central division.....	434,523	12,152,024	13,954,509	1.1	179,579	1,206,531	2,228,848	1.7	80,014	415,556	936,130	2.3
5 South Central division.....	45,812	1,084,284	1,149,141	1.1	73,363	356,730	490,000	1.4	4,290	41,537	74,875	1.8
6 Western division.....	26,216	2,028,324	1,902,867	1.0	1,289	20,259	27,122	1.3	60,194	1,629,595	4,194,272	2.6
7 Alabama.....	837	3,814	4,042	1.1	8,053	8,364	10,442	1.2	43	272	843	1.3
8 Alaska.....	4	63	94	1.5								
9 Arizona.....	232	10,425	9,524	0.9	18	107	212	2.0	1,880	62,585	137,270	2.2
10 Arkansas.....	3,157	71,486	72,633	1.0	3,065	8,352	10,446	1.3	299	2,278	4,444	2.0
11 California.....	2,529	223,854	176,466	0.8	66	1,741	3,567	2.0	12,276	298,808	838,730	2.8
12 Colorado.....	4,537	335,748	309,599	0.9	691	8,323	9,370	1.1	10,515	455,237	1,107,471	2.4
13 Connecticut.....	1,675	12,700	18,307	1.0	471	1,146	1,851	1.6	38	163	204	1.8
14 Delaware.....	378	5,660	8,692	1.5	198	624	913	1.5	22	173	211	1.2
15 District of Columbia.....						2	10	2.5				
16 Florida.....	324	1,436	1,655	1.2	36	58	106	1.8				
17 Georgia.....	1,364	6,101	5,985	1.0	1,425	4,506	5,523	1.2	26	37	83	2.2
18 Hawaii.....												
19 Idaho.....	2,728	140,467	160,290	1.1	57	813	1,559	1.0	5,933	160,029	425,706	2.7
20 Illinois.....	11,457	198,809	227,528	1.1	10,666	65,625	111,176	1.7	579	9,290	9,572	1.0
21 Indiana.....	4,373	187,721	156,329	1.1	4,815	21,273	30,203	1.4	161	844	1,266	1.5
22 Indian Territory.....	6,134	356,186	393,963	1.1	1,629	16,885	28,728	1.7	26	946	2,545	2.7
23 Iowa.....	67,840	1,233,135	1,638,182	1.3	27,581	161,777	321,732	2.0	826	2,298	6,252	2.7
24 Kansas.....	79,008	2,105,174	2,291,173	1.1	41,112	349,906	670,770	1.9	19,345	267,376	601,624	2.3
25 Kentucky.....	1,175	6,375	5,550	0.9	11,470	37,653	37,189	1.0	206	808	1,056	1.3
26 Louisiana.....	413	5,086	6,278	1.2	51	426	728	1.7	141	2,365	4,156	1.8
27 Maine.....	2,418	17,874	16,051	0.9	2,352	4,676	7,754	1.7	19	93	108	1.2
28 Maryland.....	381	4,924	5,376	1.2	567	1,743	2,577	1.5	16	144	182	1.3
29 Massachusetts.....	3,161	28,518	28,922	1.0	2,328	5,327	9,601	1.8	20	96	102	1.1
30 Michigan.....	7,283	50,512	69,388	1.2	8,588	26,463	34,159	1.3	213	1,087	1,366	1.3
31 Minnesota.....	95,364	2,190,623	2,842,234	1.3	7,736	58,330	98,954	1.6	106	658	1,781	2.7
32 Mississippi.....	1,176	6,758	7,965	1.2	292	1,897	2,369	1.7	18	99	201	2.0
33 Missouri.....	7,690	167,959	196,288	1.2	23,135	166,709	230,905	1.4	309	2,239	5,409	2.4
34 Montana.....	6,074	567,587	545,841	1.0	130	3,690	4,705	1.3	2,237	68,959	186,498	2.7
35 Nebraska.....	60,510	2,248,927	2,416,468	1.1	27,880	191,347	357,356	1.9	7,785	115,142	275,334	2.4
36 Nevada.....	709	165,059	159,400	1.0	5	84	132	1.6	1,414	96,725	224,331	2.3
37 New Hampshire.....	2,239	17,388	15,378	0.9	1,808	3,903	6,736	1.7	4	26	36	1.4
38 New Jersey.....	2,413	38,302	55,422	1.4	1,155	4,613	6,881	1.4	38	194	205	1.1
39 New Mexico.....	698	19,233	19,155	1.0	37	265	498	1.9	3,961	55,467	154,973	2.8
40 New York.....	2,878	26,006	29,719	1.1	3,498	10,401	18,341	1.8	1,233	5,582	13,002	2.3
41 North Carolina.....	5,261	17,462	21,236	1.2	700	1,959	2,705	1.4	87	243	392	1.0
42 North Dakota.....	31,398	1,248,259	1,586,951	1.2	6,122	85,655	112,538	1.3	20	334	479	1.4
43 Ohio.....	432	8,548	8,503	1.0	3,520	13,048	19,552	1.5	462	2,799	3,944	1.4
44 Oklahoma.....	18,510	336,977	368,121	1.1	4,251	33,827	60,788	1.8	620	15,116	27,563	1.8
45 Oregon.....	2,394	202,630	234,220	1.2	61	598	970	1.6	2,480	53,612	146,875	2.7
46 Pennsylvania.....	731	8,930	4,203	1.1	2,713	8,655	13,533	1.6	13	52	72	1.4
47 Rhode Island.....	208	1,242	1,216	1.0	301	847	1,484	1.8	1	2	2	1.0
48 South Carolina.....	250	954	985	1.0	120	474	806	1.7	10	18	31	1.7
49 South Dakota.....	30,990	2,060,409	2,048,405	1.0	11,608	126,260	195,243	1.5	606	18,029	28,265	2.2
50 Tennessee.....	2,675	11,528	10,444	0.9	26,016	97,570	104,890	1.1	92	854	1,173	1.8
51 Texas.....	11,735	286,079	280,145	1.0	23,936	152,750	234,680	1.5	1,846	18,909	33,394	1.8
52 Utah.....	2,497	71,065	88,600	1.2	69	2,604	3,876	1.8	15,829	268,229	681,515	2.5
53 Vermont.....	509	6,700	7,163	1.1	1,401	3,286	5,972	1.8	8	88	45	1.2
54 Virginia.....	632	2,696	2,922	1.1	8,941	13,815	15,294	1.1	66	340	521	1.5
55 Washington.....	1,413	49,963	51,260	1.0	37	319	496	1.6	1,832	35,106	118,659	3.4
56 West Virginia.....	129	849	759	0.9	1,865	4,924	5,428	1.1	15	128	198	1.6
57 Wisconsin.....	29,282	425,948	533,000	1.3	7,806	30,129	51,170	1.7	102	400	888	1.8
58 Wyoming.....	2,440	242,243	208,422	0.9	118	1,715	2,237	1.3	1,837	74,688	173,344	2.3

¹ Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographic divisions.

GENERAL TABLES.

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OF HAY AND FORAGE IN 1899, WITH AVERAGES, BY STATES AND TERRITORIES.

CLOVER.				OTHER TAME AND CULTIVATED GRASSES.				GRAINS CUT GREEN FOR HAY.				FORAGE CROPS.						
Farms reporting.	Acres.	Tons.	Average tons per acre.	Farms reporting.	Acres.	Tons.	Average tons per acre.	Farms reporting.	Acres.	Tons.	Average tons per acre.	Sown for forage.		Cornstalks.				
												Farms reporting.	Acres.	Tons.	Average tons per acre.	Farms reporting.	Tons.	
420,124	4,103,968	5,167,188	1.3	1,958,062	31,801,689	35,624,395	1.1	387,237	3,883,530	4,964,657	1.3	352,019	3,107,241	8,139,124	2.6	689,915	4,759,853	1
50,547	473,154	529,465	1.1	593,230	11,688,778	12,180,272	1.0	39,980	192,597	304,049	1.6	88,784	362,863	1,849,365	5.1	40,780	428,890	2
36,983	254,100	256,562	1.0	180,464	1,574,484	1,541,225	1.0	50,637	209,131	222,252	1.1	14,630	55,305	91,521	1.7	336,381	998,383	3
285,989	2,901,582	8,870,464	1.3	1,010,096	16,215,837	19,553,831	1.2	77,293	778,068	1,144,449	1.5	152,117	1,881,449	4,462,074	2.4	172,884	2,820,613	4
88,002	289,111	299,063	1.0	116,617	846,608	872,274	1.0	91,359	510,901	602,274	1.3	94,599	754,491	1,585,689	2.0	138,943	494,203	5
8,608	96,021	202,634	2.1	42,653	975,972	1,468,274	1.5	77,968	2,197,888	2,031,638	1.2	6,881	103,114	200,204	1.9	927	8,264	6
384	1,592	1,724	1.1	8,325	40,880	46,383	1.1	4,089	14,723	17,104	1.2	4,785	15,708	20,023	1.3	46,351	72,847	7
				2	15	19	1.3											8
				80	1,078	1,095	1.9	652	15,849	20,487	1.3	258	8,130	8,016	2.6	17	327	9
2,825	18,262	20,426	1.1	12,330	59,504	67,032	1.1	14,013	62,756	73,375	1.2	4,643	16,788	23,261	1.4	7,688	16,800	10
869	12,407	22,638	1.8	3,565	153,646	195,627	1.3	38,410	1,506,360	1,714,692	1.1	2,118	42,605	83,546	2.0	34	716	11
185	2,582	5,410	2.1	2,108	80,566	113,292	1.4	2,678	46,530	55,277	1.2	1,313	23,228	42,928	1.8	261	3,974	12
247	1,031	1,209	1.3	24,808	439,082	441,019	1.0	8,163	10,980	19,375	1.8	3,311	18,445	58,281	4.3	1,101	7,856	13
2,652	26,508	21,846	0.9	2,736	36,196	37,846	1.0	464	2,571	3,692	1.4	268	3,068	8,803	1.2	3,475	48,890	14
4	27	50	1.9	96	969	1,025	1.7	39	181	392	2.2	4	41	149	3.6	.....	15	
21	111	109	1.0	4,286	13,051	13,625	1.0	1,089	3,998	4,158	1.0	670	2,443	2,728	1.1	9,751	14,806	16
492	2,112	2,339	1.1	15,572	62,050	65,978	1.1	10,160	40,625	42,211	1.0	7,059	21,981	28,155	1.3	77,424	186,924	17
												8	19	271	14.3			18
618	14,786	85,420	2.4	3,064	99,281	139,354	1.4	5,195	91,054	125,043	1.4	399	6,626	11,758	1.8	3	29	19
33,051	362,044	438,887	1.2	143,201	2,444,268	2,762,546	1.1	15,771	142,248	182,337	1.3	11,043	121,626	216,517	1.8	14,567	307,648	20
75,120	776,810	985,811	1.2	110,021	1,865,815	1,555,784	1.1	7,222	67,757	87,215	1.3	6,975	72,194	119,020	1.6	38,039	564,770	21
19	153	244	1.6	240	2,811	2,739	1.2	221	4,009	6,600	1.6	1,217	10,903	45,790	2.3	197	3,830	22
10,221	148,720	229,826	1.5	129,029	2,838,095	3,823,133	1.3	8,824	86,944	156,061	1.8	16,914	178,409	425,483	2.4	12,155	251,702	23
9,852	160,395	214,199	1.3	12,538	258,108	337,536	1.3	7,870	94,936	223,048	2.3	64,586	1,041,417	2,728,321	2.6	5,459	168,465	24
10,214	158,110	169,747	1.0	41,281	403,211	370,461	0.9	8,830	55,334	56,911	1.0	8,187	21,648	24,202	1.1	14,932	121,163	25
215	1,637	2,760	1.7	1,900	14,724	19,606	1.3	4,771	66,828	112,481	1.7	1,338	6,075	17,425	2.9	6,882	85,158	26
1,163	6,781	8,963	1.3	56,723	1,214,124	1,027,258	0.8	4,920	14,212	20,967	1.5	4,604	12,494	52,881	4.2	600	2,652	27
6,155	67,375	70,539	1.0	20,874	289,849	316,229	1.1	958	7,519	9,761	1.3	486	8,894	10,533	2.7	5,709	91,845	28
641	4,065	5,004	1.4	33,048	529,671	594,677	1.1	6,203	18,711	35,740	1.0	5,741	23,635	174,904	7.4	940	7,655	29
25,018	225,636	264,312	1.2	143,866	1,926,181	2,167,808	1.1	5,421	42,643	49,693	1.2	8,061	47,026	116,488	2.5	18,675	228,480	30
7,040	74,669	128,767	1.7	46,377	754,246	1,114,459	1.5	2,972	26,304	45,633	1.7	5,027	46,851	112,500	2.4	5,435	72,399	31
515	2,940	3,500	1.2	6,178	34,157	42,638	1.2	18,720	48,848	65,138	1.3	1,552	5,007	7,521	1.5	21,262	35,818	32
34,636	377,228	493,364	1.3	128,311	2,563,365	2,820,485	1.1	11,974	124,515	151,967	1.2	10,297	79,491	154,601	1.9	21,317	264,697	33
544	12,498	22,680	1.8	3,824	180,178	237,950	1.3	2,492	40,374	57,837	1.4	152	2,426	3,807	1.6	5	93	34
3,291	42,447	72,747	1.7	6,266	92,895	143,109	1.5	8,141	42,066	54,260	1.3	9,002	90,828	183,067	2.0	911	16,115	35
21	1,021	1,324	1.3	218	26,957	30,778	1.1	94	2,152	3,708	1.7	9	136	144	1.1	.....	36	
395	2,500	3,088	1.2	28,001	565,651	524,463	0.9	4,967	14,188	24,782	1.7	3,861	11,891	78,837	6.9	248	1,708	37
5,791	57,635	63,272	0.9	20,804	312,001	278,406	0.9	1,241	6,277	9,540	1.5	3,225	24,628	61,871	2.5	3,779	77,659	38
16	101	261	2.6	273	2,722	3,423	1.3	634	4,857	7,871	1.6	457	4,713	9,143	1.9	381	1,221	39
10,437	103,155	114,660	1.1	202,057	4,758,523	5,082,322	1.1	9,123	61,697	96,693	1.6	43,690	189,601	964,738	5.1	8,295	70,021	40
7,253	27,238	28,290	1.0	28,439	122,879	122,411	1.0	15,615	51,772	56,780	1.1	2,932	8,445	15,006	1.8	98,328	183,004	41
15	291	349	1.2	1,564	38,095	38,471	1.0	1,663	21,783	30,486	1.4	726	16,117	28,116	1.7	27	828	42
68,190	617,516	773,857	1.3	174,823	2,276,898	2,627,980	1.2	6,196	60,818	77,749	1.3	5,997	40,639	123,068	3.0	32,658	563,149	43
48	343	480	1.4	855	9,395	11,975	1.3	2,380	26,030	58,446	2.8	21,363	275,116	609,923	2.2	518	8,159	44
3,719	31,885	70,341	2.2	14,108	189,183	323,734	1.7	13,283	245,759	320,735	1.3	1,046	8,106	21,525	2.7	70	486	45
81,167	293,683	336,072	1.1	191,341	2,873,126	3,174,110	1.1	4,319	44,729	57,821	1.3	8,330	46,366	181,023	4.0	24,964	253,554	46
150	612	932	1.5	4,430	60,420	58,031	1.0	953	8,870	6,003	1.6	568	2,783	7,742	2.8	193	1,510	47
490	1,435	1,728	1.2	13,001	50,738	51,608	1.0	13,893	48,918	47,912	1.0	1,180	3,592	5,810	1.6	65,426	104,883	48
152	2,573	4,614	1.8	1,084	21,573	28,517	1.3	1,582	27,071	32,420	1.2	1,713	30,960	45,928	1.5	237	5,382	49
14,677	104,134	106,829	1.0	85,811	218,821	222,795	1.0	35,337	181,318	184,946	1.0	6,974	81,586	48,573	1.5	32,529	123,270	50
125	1,940	3,344	1.7	6,676	63,605	88,645	1.4	8,489	52,051	87,278	1.7	49,640	362,600	738,971	2.0	9,134	27,853	51
92	1,357	2,995	2.2	2,055	38,999	66,587	1.7	823	3,824	4,290	1.8	288	2,465	3,509	1.4	119	902	52
551	3,692	5,580	1.5	31,928	935,215	1,008,896	1.1	5,091	17,024	33,178	1.9	10,454	39,520	269,188	6.8	660	6,375	50
16,216	104,124	105,640	1.0	51,004	442,070	437,436	1.0	6,978	40,581	44								

STATISTICS OF AGRICULTURE.

TABLE 6.—NUMBER OF FARMS OF SPECIFIED TENURES REPORTING HAY AND FORAGE, WITH THE ACREAGE

	STATES AND TERRITORIES.	ALL TENURES.			OWNERS.			PART OWNERS.		
		Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.
1	The United States ¹	3,588,760	61,691,166	79,251,946	2,199,202	35,794,339	46,119,896	836,778	9,023,537	11,602,931
2	North Atlantic division	630,076	12,919,041	15,128,311	456,870	8,689,696	10,062,947	25,354	604,331	851,936
3	South Atlantic division	571,041	2,161,201	2,194,115	302,989	1,456,154	1,475,980	31,076	115,154	113,477
4	North Central division	1,689,291	35,676,042	46,158,805	1,022,305	19,670,404	25,761,001	219,808	6,453,279	8,238,107
5	South Central division	515,310	8,883,662	5,088,925	295,893	2,252,928	2,851,557	39,434	516,956	759,470
6	Western division	178,029	7,051,123	10,087,006	121,097	3,725,131	5,968,224	21,106	1,243,814	1,644,851
7	Alabama	68,661	85,358	100,001	27,070	46,023	54,843	4,139	7,713	8,798
8	Alaska	5	78	113	5	78	113	.....	.....	.....
9	Arizona	2,639	92,674	177,504	1,991	56,082	102,266	157	10,867	17,467
10	Arkansas	48,220	239,426	271,616	26,993	160,426	178,888	3,596	18,456	20,861
11	California	49,402	2,239,601	3,035,266	28,472	911,146	1,334,022	6,920	427,978	511,120
12	Colorado	17,008	952,214	1,048,347	10,610	457,700	832,000	1,940	169,674	238,908
13	Connecticut	25,503	478,555	535,336	20,223	301,305	400,488	1,050	27,275	33,880
14	Delaware	7,717	74,800	70,303	3,514	28,698	30,646	217	954	1,225
15	District of Columbia	125	1,228	2,241	68	407	680	4	13	24
16	Florida	15,586	21,894	22,881	10,620	15,572	15,910	1,173	2,016	1,800
17	Georgia	107,648	137,312	150,224	43,187	77,992	85,806	3,353	5,822	6,387
18	Hawaii	8	19	271	3	8	74	.....	.....	.....
19	Idaho	13,798	513,656	899,125	11,450	391,820	683,998	737	86,200	58,002
20	Illinois	181,584	3,848,910	3,948,563	89,922	1,674,838	1,978,867	25,490	475,918	549,852
21	Indiana	167,672	2,442,414	2,905,608	94,414	1,299,722	1,555,171	25,088	370,900	441,282
22	Indian Territory	8,786	400,893	480,609	2,668	146,633	167,493	207	35,677	39,402
23	Iowa	187,122	4,649,378	6,000,169	98,769	2,471,542	3,528,011	25,128	682,046	975,207
24	Kansas	187,083	4,387,342	7,066,671	61,274	1,806,286	3,009,248	30,269	1,203,200	2,010,337
25	Kentucky	86,675	688,139	656,066	50,611	474,480	452,682	6,595	55,258	52,770
26	Louisiana	14,635	97,136	168,448	7,795	47,591	74,309	606	6,004	9,466
27	Maine	58,418	1,270,254	1,138,032	58,617	1,154,757	1,030,635	745	22,201	22,850
28	Maryland	29,979	374,848	415,107	18,963	220,761	248,905	972	12,130	13,265
29	Massachusetts	94,278	610,023	848,950	28,061	405,134	684,621	1,444	86,581	56,500
30	Michigan	171,692	2,328,498	2,703,214	126,080	1,586,257	1,848,049	14,020	231,093	266,160
31	Minnesota	182,851	3,157,600	4,389,928	95,801	2,105,285	2,917,924	13,491	426,219	504,863
32	Mississippi	43,012	99,261	129,392	23,922	64,928	84,119	1,806	4,627	6,401
33	Missouri	176,893	3,481,506	4,062,199	109,671	2,101,275	2,581,125	22,197	465,987	543,884
34	Montana	10,656	875,712	1,050,208	8,201	521,764	640,689	1,095	165,050	196,289
35	Nebraska	84,849	2,828,652	3,502,980	39,433	1,154,881	1,522,845	18,828	885,697	986,107
36	Nevada	1,878	292,184	410,812	1,410	169,214	255,341	184	34,422	40,475
37	New Hampshire	28,731	615,042	658,265	25,249	528,882	560,963	566	16,097	19,041
38	New Jersey	27,640	444,610	465,187	17,522	249,748	250,414	781	14,110	18,148
39	New Mexico	5,454	87,858	195,824	4,330	46,767	108,462	272	9,094	18,848
40	New York	210,527	5,154,966	6,319,475	142,205	3,128,281	3,834,815	12,575	875,792	457,081
41	North Carolina	141,582	220,998	246,820	78,180	150,054	167,557	10,861	17,554	17,700
42	North Dakota	34,422	1,410,534	1,747,800	24,896	911,887	1,150,210	6,205	825,941	887,539
43	Ohio	220,089	3,015,261	3,629,722	188,870	1,774,908	2,129,021	18,448	282,610	847,846
44	Oklahoma	86,698	695,313	1,137,296	25,566	422,774	690,198	4,862	141,397	248,068
45	Oregon	29,278	731,823	1,117,400	19,824	424,171	679,802	8,760	124,687	168,849
46	Pennsylvania	207,706	3,269,441	3,766,884	140,991	2,019,996	2,817,679	6,654	140,127	168,650
47	Rhode Island	4,721	69,776	75,410	8,449	46,860	50,022	183	4,403	5,412
48	South Carolina	87,777	106,124	108,886	91,885	62,880	61,690	4,177	5,247	5,018
49	South Dakota	44,165	2,287,875	2,878,802	20,641	855,561	943,030	14,074	980,770	902,667
50	Tennessee	118,857	645,617	679,460	70,296	422,057	430,028	8,457	46,494	47,630
51	Texas	95,871	938,024	1,466,452	51,408	468,006	710,002	9,106	201,240	881,574
52	Utah	17,042	888,048	850,062	18,282	275,808	610,102	1,979	46,557	109,905
53	Vermont	82,557	1,006,875	1,829,972	25,558	784,788	974,810	1,356	56,895	74,465
54	Virginia	115,910	612,062	627,079	72,353	419,637	435,468	7,839	39,292	40,645
55	Washington	26,788	497,139	826,807	19,685	828,264	542,877	8,076	85,878	129,018
56	West Virginia	64,767	601,936	541,084	49,260	470,253	429,228	3,480	32,126	27,323
57	Wisconsin	150,919	2,397,982	3,275,180	122,184	1,888,022	2,517,500	7,065	142,430	191,484
58	Wyoming	4,141	380,769	462,101	2,442	147,299	188,465	1,046	182,488	150,026

¹Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographic divisions.

GENERAL TABLES.

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AND PRODUCTION OF THAT CROP, EXCLUSIVE OF CORNSTALKS, IN 1899, BY STATES AND TERRITORIES.

OWNERS AND TENANTS.			MANAGERS.			CASH TENANTS.			SHARE TENANTS.		
Farms.	Acre.	Tons.	Farms.	Acre.	Tons.	Farms.	Acre.	Tons.	Farms.	Acre.	Tons.
41,862	835,398	1,063,668	42,350	2,377,895	3,406,882	370,304	4,981,185	6,375,164	508,204	8,078,812	10,683,405
6,081	155,090	190,722	11,985	886,718	626,197	57,441	1,134,376	1,287,892	72,395	1,858,827	2,208,617
4,573	27,414	26,270	5,880	86,896	90,745	92,315	138,282	146,954	134,199	387,821	334,689
22,668	542,879	605,503	15,437	928,630	1,333,640	141,157	2,851,269	3,698,680	267,916	5,230,072	6,441,775
7,323	58,820	66,103	4,402	186,133	288,042	66,371	348,016	440,773	102,447	626,869	682,380
1,267	51,695	85,070	4,636	789,605	1,167,228	18,017	514,258	805,809	16,806	726,720	1,015,824
430	661	830	349	4,822	6,577	22,424	16,296	17,978	14,240	9,838	11,085
6	148	336	156	12,077	31,418	190	9,744	17,418	180	3,756	8,509
657	3,582	8,958	284	7,045	9,000	4,311	20,813	26,515	7,340	29,104	82,004
247	11,707	16,109	1,700	228,184	330,550	6,190	208,558	437,142	5,873	372,078	406,323
123	8,945	17,310	616	116,489	197,081	1,392	62,860	115,197	2,327	186,456	242,761
842	8,762	10,422	734	20,467	26,251	2,527	41,236	46,793	627	10,510	18,502
23	308	305	106	1,724	2,371	568	7,370	8,625	3,280	85,746	96,131
174	181	176	243	1,734	1,078	2,582	1,768	1,747	7	728	680
568	1,414	1,379	888	6,853	7,472	27,376	20,052	22,990	92,326	24,579	26,190
148	6,311	10,913	271	34,157	62,902	285	10,824	19,880	907	84,248	68,930
2,024	48,698	52,082	1,434	56,114	74,040	21,897	419,100	589,408	87,767	644,942	754,254
8,248	55,521	65,182	1,782	62,435	76,451	8,160	120,562	142,788	95,016	533,274	624,834
87	2,493	2,775	58	16,075	18,816	1,770	82,424	102,423	4,051	117,091	150,200
1,991	61,978	87,606	1,260	79,008	121,241	84,888	757,293	1,043,054	25,086	616,851	849,090
2,821	85,913	138,299	1,319	160,820	807,780	12,692	399,080	582,718	29,208	601,184	922,285
2,053	17,942	16,580	729	15,552	16,554	5,102	47,461	48,090	12,425	72,496	68,390
96	419	656	495	27,389	58,778	2,661	9,232	14,880	2,922	0,411	10,854
568	15,891	16,525	805	24,317	22,551	1,957	86,820	28,323	726	16,259	18,042
127	1,680	1,887	782	17,313	19,130	2,297	24,651	26,747	6,888	98,813	105,173
833	8,157	12,442	1,387	47,219	70,365	2,648	43,156	52,101	410	9,823	13,912
2,145	96,182	41,958	1,871	61,011	88,857	7,402	103,945	121,206	19,274	810,010	847,575
698	18,593	26,134	920	54,764	75,602	8,938	94,885	136,659	18,018	457,991	618,146
248	355	303	390	7,906	11,837	9,628	14,065	17,322	7,018	7,380	9,260
4,085	95,844	108,519	1,280	69,901	88,561	14,812	261,731	302,002	24,842	396,818	438,108
50	4,275	6,055	384	122,678	130,753	458	38,267	41,374	459	27,820	86,158
942	80,065	41,640	833	188,199	230,636	6,838	187,621	242,072	18,476	381,286	478,080
14	1,680	2,555	111	65,714	86,774	129	18,209	22,598	80	7,895	12,074
105	3,508	3,684	670	23,091	27,570	1,600	29,083	28,086	532	13,481	13,021
179	3,094	8,297	732	19,141	25,752	8,808	50,163	60,133	4,618	99,351	98,398
47	847	1,608	217	24,669	58,657	127	1,098	4,393	461	3,083	8,806
2,152	62,410	79,251	3,507	132,939	186,557	21,275	530,756	623,604	28,813	918,787	1,188,667
1,155	2,039	3,118	721	6,228	8,575	18,417	8,035	9,008	42,698	35,590	40,862
170	10,516	13,914	372	59,949	76,815	399	17,764	21,569	2,380	81,527	97,843
3,813	62,314	73,907	2,777	60,946	75,524	17,100	287,850	289,587	30,581	596,643	713,887
431	7,480	12,295	109	17,500	28,018	2,055	56,407	85,487	8,010	40,080	78,320
291	8,158	13,284	408	71,053	94,384	2,011	39,591	68,020	2,989	64,198	97,998
2,087	40,517	45,603	3,368	87,284	115,620	20,420	800,710	840,440	34,246	680,807	780,883
12	358	374	184	5,308	7,410	886	12,082	11,266	57	760	926
846	268	433	783	6,534	8,412	32,190	18,050	21,609	18,437	13,145	11,724
449	27,664	26,827	394	49,225	58,601	1,233	71,275	73,501	7,384	808,971	818,706
2,648	19,888	18,858	792	12,317	15,436	11,290	48,267	46,665	24,870	102,094	112,833
728	6,491	9,858	1,141	77,521	123,526	6,431	52,991	82,413	26,562	181,775	209,084
127	8,281	6,736	194	26,748	45,878	361	8,906	19,679	1,099	26,743	58,607
808	12,393	16,124	599	26,897	85,121	2,375	72,411	98,146	2,386	108,046	181,816
1,247	9,169	8,605	1,656	34,014	35,748	10,174	31,155	31,870	23,141	79,695	75,643
170	8,690	6,232	301	14,293	29,511	1,696	30,045	51,856	1,810	39,969	67,403
933	11,755	10,867	749	12,115	12,202	3,602	26,168	28,091	6,683	49,523	38,273
787	18,891	20,036	1,239	41,207	65,523	8,804	140,260	199,000	10,800	218,172	283,617
35	2,058	3,982	278	78,493	90,325	169	10,318	18,748	171	9,570	14,605

STATISTICS OF AGRICULTURE.

TABLE 7.—NUMBER OF FARMS OF WHITE FARMERS OF SPECIFIED TENURES REPORTING HAY AND BY STATES AND

STATES AND TERRITORIES.	ALL TENURES.			OWNERS.			PART OWNERS.		
	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.
	3,341,323	61,147,223	78,600,969	2,134,473	35,477,404	45,738,437	322,412	8,979,824	11,552,409
1 The United States ¹	3,341,323	61,147,223	78,600,969	2,134,473	35,477,404	45,738,437	322,412	8,979,824	11,552,409
2 North Atlantic division	628,502	12,899,952	15,107,797	455,868	8,679,559	10,052,082	25,253	692,907	850,499
3 South Atlantic division	421,979	2,055,912	2,081,170	268,350	1,426,961	1,445,707	22,160	107,816	105,736
4 North Central division	1,680,207	35,538,708	45,991,429	1,016,255	19,571,166	25,641,294	218,826	6,440,781	8,217,191
5 South Central division	436,480	8,672,428	4,830,312	274,991	2,128,216	2,703,463	35,324	502,824	748,674
6 Western division	174,643	6,980,132	10,589,860	119,001	3,671,413	5,805,704	20,847	1,235,496	1,635,369
7 Alabama	41,193	72,732	86,710	23,935	44,133	52,436	3,162	6,524	7,628
8 Alaska	5	78	113	5	78	113	.....	.....	.....
9 Arizona	2,477	91,690	175,680	1,832	55,115	100,471	157	10,867	17,467
10 Arkansas	37,542	228,716	258,420	24,851	156,465	174,320	3,170	17,728	19,497
11 California	48,619	2,228,450	3,017,237	28,039	906,990	1,328,081	6,884	427,206	510,243
12 Colorado	16,958	951,067	1,641,435	10,574	457,016	830,855	1,936	169,514	238,595
13 Connecticut	25,420	477,707	534,643	20,165	360,828	400,043	1,048	27,258	33,849
14 Delaware	7,170	72,563	76,858	3,824	28,200	30,059	193	915	1,193
15 District of Columbia	121	1,208	2,214	67	398	671	4	18	24
16 Florida	10,779	19,074	20,082	8,465	14,047	14,857	716	1,678	1,623
17 Georgia	70,809	120,173	181,952	38,902	75,667	83,333	2,405	6,240	5,693
18 Hawaii	7	18	270	3	8	74	.....	.....	.....
19 Idaho	13,421	497,276	879,057	11,101	377,180	660,755	727	35,525	57,044
20 Illinois	181,023	3,339,489	3,943,701	89,688	1,673,129	1,976,894	25,406	475,241	549,113
21 Indiana	167,142	2,438,122	2,900,410	94,205	1,298,303	1,553,559	24,900	370,189	440,382
22 Indian Territory	6,822	304,593	372,146	968	63,142	73,556	163	30,985	34,077
23 Iowa	186,002	4,647,419	6,597,522	98,710	2,470,971	3,522,220	25,104	662,908	974,840
24 Kansas	186,020	4,317,859	7,087,634	60,826	1,799,262	3,089,359	30,019	1,197,793	2,008,011
25 Kentucky	84,386	670,647	643,531	58,593	470,368	449,078	6,826	53,586	51,293
26 Louisiana	9,670	90,490	151,844	6,391	45,555	70,654	441	5,459	8,593
27 Maine	58,387	1,270,051	1,138,757	53,594	1,154,576	1,030,472	744	22,197	22,853
28 Maryland	27,966	368,173	407,852	18,015	218,098	216,720	792	11,568	12,689
29 Massachusetts	94,194	609,215	848,089	27,994	464,560	634,002	1,443	36,524	56,506
30 Michigan	171,048	2,828,328	2,697,447	126,521	1,582,066	1,880,288	13,050	230,338	265,355
31 Minnesota	182,576	8,152,064	4,332,271	95,543	2,099,934	2,911,284	13,484	426,132	504,745
32 Mississippi	26,681	82,618	109,360	19,735	59,591	78,377	1,031	8,676	5,950
33 Missouri	175,120	3,467,464	4,046,582	108,841	2,185,708	2,574,744	21,913	464,000	541,852
34 Montana	10,807	863,191	1,044,783	7,952	510,078	627,015	1,091	165,513	195,893
35 Nebraska	84,616	2,819,590	3,496,988	89,282	1,151,418	1,518,253	18,320	885,483	985,872
36 Nevada	1,740	290,070	416,604	1,275	167,388	252,741	134	34,422	40,475
37 New Hampshire	28,722	614,891	653,181	25,243	528,704	560,907	565	16,991	19,935
38 New Jersey	27,362	441,520	461,724	17,890	249,116	258,758	761	13,857	17,878
39 New Mexico	5,209	86,447	193,308	4,088	45,866	101,451	272	9,094	18,848
40 New York	209,933	5,145,717	6,809,751	141,798	8,122,660	8,828,454	12,513	374,774	456,077
41 North Carolina	107,868	218,828	228,190	60,104	157,036	168,374	7,601	15,885	15,876
42 North Dakota	33,178	1,386,414	1,709,934	28,668	888,081	1,112,611	6,200	325,754	387,314
43 Ohio	210,127	8,006,828	9,620,580	137,899	1,771,926	2,125,837	18,323	281,302	346,558
44 Oklahoma	35,585	682,690	1,117,782	24,684	412,619	674,228	4,809	140,625	241,995
45 Oregon	28,890	723,306	1,107,465	19,666	421,969	677,068	3,562	118,637	162,148
46 Pennsylvania	207,288	3,264,927	3,761,585	140,708	2,017,678	2,314,850	6,641	140,024	163,555
47 Rhode Island	4,697	69,687	75,334	3,484	40,811	40,980	183	4,403	5,412
48 South Carolina	43,632	76,907	76,824	24,883	57,959	56,988	2,100	3,886	3,691
49 South Dakota	42,724	2,244,038	2,836,012	19,224	813,024	901,806	14,068	979,828	961,805
50 Tennessee	107,190	618,733	652,044	67,416	414,826	431,856	7,743	44,338	45,692
51 Texas	87,461	921,100	1,438,466	48,418	461,417	698,954	8,479	199,903	329,549
52 Utah	16,905	386,119	847,273	13,154	278,991	606,706	1,974	46,532	109,847
53 Vermont	32,549	1,006,177	1,829,783	25,547	734,506	974,612	1,355	56,870	74,430
54 Virginia	89,251	584,034	597,850	59,594	405,825	421,301	4,890	36,683	37,719
55 Washington	25,925	482,244	804,615	18,921	309,025	521,702	8,066	85,755	128,795
56 West Virginia	64,388	600,052	589,362	49,006	469,284	428,404	3,450	32,003	27,228
57 Wisconsin	150,647	2,396,093	3,272,849	121,889	1,836,344	2,515,439	7,056	142,853	191,341
58 Wyoming	4,098	980,272	401,422	2,899	146,886	182,914	1,044	132,431	156,014

¹ Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographic divisions.

GENERAL TABLES.

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FORAGE, WITH THE ACREAGE AND PRODUCTION OF THAT CROP, EXCLUSIVE OF CORNSTALKS, IN 1899,
TERRITORIES.

OWNERS AND TENANTS.			MANAGERS.			CASH TENANTS.			SHARE TENANTS.		
Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.
41,160	881,627	1,059,135	41,437	2,364,093	3,389,251	284,608	4,909,842	6,288,058	517,733	8,584,933	10,573,616
6,027	155,063	190,704	11,925	385,460	524,736	57,237	1,182,282	1,285,823	72,192	1,854,681	2,203,953
4,268	27,067	25,950	5,359	83,572	92,754	39,711	100,100	112,909	82,136	301,393	298,033
22,576	540,979	693,607	15,352	925,620	1,330,197	140,579	2,845,587	3,686,798	266,617	5,214,575	6,422,402
7,049	67,688	64,686	4,186	180,554	275,195	34,330	312,817	405,733	80,594	490,329	637,561
1,245	50,835	84,188	4,614	788,883	1,166,342	12,743	500,553	796,719	16,193	723,952	1,011,547
384	621	768	320	4,675	6,384	5,737	9,114	10,813	7,655	7,665	8,690
											8
6	148	336	155	12,072	31,409	197	9,792	17,398	130	3,756	8,599
627	3,506	3,886	264	6,763	8,664	2,565	17,200	21,951	6,065	27,054	80,093
246	11,704	16,107	1,685	222,602	329,785	6,964	280,707	429,707	5,801	370,172	403,364
123	8,945	17,310	616	116,489	197,081	1,390	62,838	115,133	2,319	136,265	242,461
341	8,761	10,421	728	20,316	26,185	2,515	44,152	45,785	623	16,452	18,460
23	308	805	95	1,584	2,198	592	7,120	8,355	3,003	34,436	34,743
			11	883	857	37	407	640	2	7	18
104	120	133	217	1,076	1,002	809	1,005	1,051	478	548	516
537	1,864	1,830	792	6,613	7,125	11,227	13,846	15,462	16,946	17,543	19,009
			1	4	80	2	3	46	1	8	120
135	5,564	10,209	271	34,157	62,902	281	10,780	10,273	906	34,120	68,774
2,018	43,507	51,951	1,431	56,069	73,975	24,848	448,583	538,958	87,037	643,010	752,905
3,226	55,215	64,770	1,720	62,331	76,831	8,122	120,162	142,216	34,878	581,922	628,152
23	2,168	2,312	33	13,589	14,995	1,751	81,878	101,883	8,884	112,831	145,848
1,991	61,978	87,606	1,257	78,853	120,931	34,854	756,936	1,042,583	25,067	610,373	849,342
2,808	85,427	137,440	1,810	150,185	806,002	12,593	398,402	580,557	28,964	680,750	915,805
2,025	17,803	16,480	705	15,189	16,184	5,024	46,413	47,022	11,063	67,938	63,479
87	898	621	466	27,137	58,219	1,105	7,574	11,974	1,181	4,807	6,788
568	15,891	16,525	804	24,809	22,546	1,956	86,819	28,819	726	18,259	18,042
122	1,674	1,881	721	16,012	18,850	2,184	24,080	26,156	6,182	95,546	102,056
838	8,157	12,442	1,388	47,143	79,264	2,695	48,085	52,021	406	9,746	18,854
2,141	86,173	41,340	1,868	60,948	83,774	7,379	108,716	120,924	19,184	800,192	846,757
693	18,593	26,184	917	54,684	75,585	8,931	94,845	136,595	18,007	457,876	617,978
201	313	350	350	7,699	11,405	2,540	7,874	9,233	2,815	8,960	4,555
4,057	96,482	108,214	1,254	68,625	87,278	14,611	260,827	300,405	24,444	398,232	484,094
59	4,275	6,055	384	122,678	139,753	453	32,824	40,919	468	27,828	86,148
942	30,965	41,640	831	183,175	298,500	6,884	187,508	242,017	18,457	380,956	472,616
14	1,680	2,555	110	65,712	86,771	128	18,029	22,098	79	7,880	12,050
105	3,508	8,684	679	29,091	27,570	1,508	29,056	28,064	532	13,481	13,021
179	8,094	8,207	716	18,718	25,278	8,773	58,897	59,905	4,548	97,848	96,618
45	845	1,605	217	24,060	58,657	127	1,998	4,398	460	3,975	8,354
2,160	62,889	79,289	3,497	132,759	186,880	21,232	586,059	622,795	28,748	917,076	1,186,806
1,100	2,623	3,098	648	5,848	8,027	6,187	5,667	6,595	26,228	26,819	31,220
169	10,476	13,844	972	59,949	76,815	896	17,721	21,508	2,378	84,428	97,242
8,803	62,280	73,828	2,768	60,661	75,129	10,988	236,748	288,884	89,856	598,901	710,853
419	7,306	11,944	166	17,460	27,928	2,598	55,899	84,688	2,914	48,800	77,054
288	8,115	13,181	404	70,981	94,295	1,998	39,650	62,940	2,981	64,054	97,888
2,036	40,512	48,598	8,936	86,878	115,086	20,826	298,822	389,628	34,191	680,018	779,910
12	358	374	183	5,350	7,407	828	11,990	11,235	57	760	926
287	203	363	633	5,919	7,762	8,989	8,120	2,888	6,740	5,820	5,142
448	27,054	26,820	989	48,988	58,419	1,222	71,271	73,555	7,978	303,878	318,607
2,570	19,159	18,624	752	11,778	14,810	7,378	35,858	38,031	21,322	92,779	108,022
704	6,409	9,701	1,122	76,824	121,512	5,643	51,512	80,208	23,095	126,585	198,542
127	8,281	6,786	194	26,748	45,878	360	8,870	19,649	1,096	26,601	58,402
908	12,893	16,124	599	26,897	35,121	2,374	72,396	98,121	2,966	108,046	131,316
1,167	9,020	8,478	1,601	93,045	94,477	6,167	27,844	28,834	15,933	71,617	67,540
167	8,625	6,162	300	14,282	29,491	1,676	29,843	51,466	1,795	39,714	66,909
938	11,755	10,367	741	11,992	12,066	8,629	26,011	23,509	6,024	49,057	97,788
785	13,879	20,011	1,289	41,207	68,528	8,801	149,248	199,041	10,877	218,067	288,491
35	2,653	3,932	278	78,498	90,325	169	10,816	18,748	168	9,493	14,489

STATISTICS OF AGRICULTURE.

TABLE 8.—NUMBER OF FARMS OF COLORED FARMERS OF SPECIFIED TENURES REPORTING HAY AND BY STATES AND

	STATES AND TERRITORIES.	ALL TENURES.			OWNERS.			PART OWNERS.		
		Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.
1	The United States ¹	241,937	513,943	650,977	61,729	816,935	381,450	14,366	43,713	50,462
2	North Atlantic division	1,574	19,089	20,514	1,002	10,137	10,805	101	1,427	1,437
3	South Atlantic division	149,062	105,189	112,936	34,639	29,090	30,273	8,916	7,938	7,741
4	North Central division	9,084	137,334	167,376	6,050	99,238	119,707	980	12,498	16,006
5	South Central division	78,830	211,339	258,013	20,342	124,752	148,094	4,110	14,132	15,796
6	Western division	3,886	70,001	97,137	2,696	53,718	72,520	259	8,318	9,482
7	Alabama	27,408	12,621	18,342	3,144	1,890	2,407	977	1,189	1,170
8	Alaska									
9	Arizona	162	984	1,824	150	967	1,795			
10	Arkansas	5,678	10,710	18,196	2,142	3,961	4,651	426	728	864
11	California	783	11,151	18,029	438	4,147	5,991	36	772	877
12	Colorado	50	1,147	1,912	36	774	1,286	4	160	818
13	Connecticut	88	788	693	58	477	445	2	17	31
14	Delaware	547	2,287	2,450	190	498	587	24	39	82
15	District of Columbia	4	20	27	1	9	9			
16	Florida	4,807	2,920	2,290	2,174	1,525	1,058	457	338	267
17	Georgia	36,839	17,189	18,272	4,235	2,825	2,473	948	582	694
18	Hawaii	1	1	1						
19	Idaho	877	16,380	19,168	319	14,696	17,348	10	765	958
20	Illinois	511	4,421	4,772	284	1,709	1,978	84	677	780
21	Indiana	530	4,292	5,198	209	1,410	1,612	103	711	850
22	Indian Territory	1,964	95,800	108,463	1,700	88,491	98,987	44	4,692	5,325
23	Iowa	180	1,959	2,647	50	671	701	24	388	427
24	Kansas	1,063	19,483	29,037	448	6,974	9,889	260	5,416	8,326
25	Kentucky	9,239	12,492	11,585	1,018	4,002	3,609	269	1,672	1,477
26	Louisiana	4,965	6,646	11,599	1,404	2,036	8,655	225	635	873
27	Maine	26	203	175	23	181	168	1	4	3
28	Maryland	2,013	6,075	7,845	948	2,063	2,275	180	567	570
29	Massachusetts	84	808	861	67	574	619	1	10	3
30	Michigan	649	5,170	5,787	459	3,291	3,761	70	755	814
31	Minnesota	276	5,626	7,057	258	5,301	6,640	7	87	118
32	Mississippi	16,831	16,648	19,972	4,187	5,887	5,742	775	951	1,051
33	Missouri	1,778	14,042	15,617	830	5,477	6,381	284	1,937	2,032
34	Montana	259	12,521	14,485	249	11,686	18,674	4	446	846
35	Nebraska	238	4,062	5,392	201	3,463	4,592	8	214	235
36	Nevada	138	2,064	3,118	185	1,876	2,600			
37	New Hampshire	9	151	84	6	118	56	1	6	6
38	New Jersey	278	8,090	8,413	182	632	661	20	253	270
39	New Mexico	246	911	2,016	242	901	2,001			
40	New York	594	9,248	9,724	412	5,621	5,861	62	1,018	1,004
41	North Carolina	88,664	16,170	18,630	7,076	2,918	4,183	2,760	1,719	1,824
42	North Dakota	1,244	24,120	38,056	1,228	23,746	37,599	5	187	225
43	Ohio	902	8,438	9,188	471	8,072	8,184	125	1,148	1,288
44	Oklahoma	1,108	12,614	19,514	882	10,155	15,970	53	772	1,073
45	Oregon	374	8,517	9,985	158	2,202	2,799	188	6,020	6,095
46	Pennsylvania	468	4,514	5,249	283	2,818	2,820	18	108	104
47	Rhode Island	24	80	76	15	49	42			
48	South Carolina	44,145	29,217	32,062	7,002	4,921	4,702	2,077	1,361	1,927
49	South Dakota	1,441	48,887	42,880	1,417	42,537	41,224	11	951	862
50	Tennessee	11,167	26,884	27,406	2,880	7,281	7,172	714	2,156	1,938
51	Texas	7,910	16,924	27,986	2,985	6,589	11,048	627	1,837	2,025
52	Utah	137	1,924	3,689	128	1,817	8,456	5	25	58
53	Vermont	8	198	289	6	167	198	1	16	16
54	Virginia	26,659	28,928	30,129	12,769	18,812	14,167	2,440	2,609	2,926
55	Washington	813	14,895	22,282	764	14,289	21,175	10	123	223
56	West Virginia	384	1,883	1,722	254	1,019	824	30	123	95
57	Wisconsin	272	1,889	2,320	245	1,678	2,061	9	77	90
58	Wyoming	48	497	679	48	413	551	2	7	12

¹Data for Hawaii included in totals for United States, but not in those for the five geographic divisions.

GENERAL TABLES.

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FORAGE, WITH THE ACREAGE AND PRODUCTION OF THAT CROP, EXCLUSIVE OF CORNSTALKS, IN 1899,
TERRITORIES.

OWNERS AND TENANTS.			MANAGERS.			CASH TENANTS.			SHARE TENANTS.		
Farms.	Acre.	Tons.	Farms.	Acre.	Tons.	Farms.	Acre.	Tons.	Farms.	Acre.	Tons.
702	8,771	4,583	918	13,802	17,628	85,696	71,843	87,106	75,531	93,879	109,789
4	27	18	60	1,258	1,461	204	2,094	2,069	208	4,146	4,664
310	347	320	530	3,324	3,991	52,604	29,182	33,955	52,068	35,928	36,056
92	1,400	1,896	85	3,019	8,443	678	5,682	6,951	1,299	15,497	19,373
274	1,137	1,417	216	5,579	7,847	32,085	30,199	35,040	21,858	35,540	44,819
22	860	882	22	622	886	274	4,705	9,090	113	2,768	4,277
46	40	62	29	147	193	16,687	7,182	7,185	6,585	2,173	2,845
											8
			1	5	9	2	12	20			9
30	76	67	20	282	336	1,776	3,613	4,564	1,284	2,050	2,811
1	8	2	15	582	705	226	3,701	7,435	72	1,906	2,959
						2	22	64	8	191	800
1	1	1	6	151	116	12	81	58	4	58	42
			11	140	178	36	260	270	286	1,810	1,888
						3	11	18			15
70	61	43	26	58	76	1,773	703	696	807	175	164
81	50	49	96	340	847	16,149	6,806	7,528	15,880	7,086	7,181
						1	1	1			18
13	747	704				4	44	107	1	128	156
11	91	181	3	46	65	49	567	515	180	1,382	1,949
22	306	412	6	104	120	47	400	522	143	1,352	1,682
14	825	463	20	2,486	3,321	19	546	560	107	4,200	4,857
			3	216	810	84	357	471	19	478	648
13	486	859	9	685	887	99	1,488	2,156	244	4,434	6,920
28	139	100	24	413	370	138	1,048	1,068	762	5,158	4,911
9	21	85	80	252	559	1,556	1,658	2,906	1,741	2,014	3,571
			1	8	5	1	10	4			27
5	6	6	61	701	780	163	571	591	656	2,767	3,117
			4	76	101	8	71	80	4	77	58
4	9	9	8	68	83	23	229	282	90	818	818
			8	80	67	2	40	64	6	118	188
47	42	48	81	207	342	7,088	6,691	8,080	4,208	8,420	4,705
28	862	805	82	1,276	1,288	201	1,404	1,597	398	8,586	4,014
						5	383	455	1	6	34
			2	24	46	4	31	55	18	330	464
			1	2	3	1	180	500	1	6	36
						2	27	22			37
			16	428	474	35	260	228	75	1,511	1,780
2	2	8							1	8	12
2	21	12	10	180	177	48	697	809	65	1,711	1,861
55	16	20	73	378	548	7,230	2,368	2,413	16,470	8,771	9,642
1	40	70				3	43	61	7	104	101
10	84	70	19	285	395	112	1,102	1,208	225	2,742	2,984
12	183	261	8	56	95	62	568	849	96	880	1,266
8	48	103	4	72	89	18	41	89	8	139	160
1	5	5	22	411	585	94	888	812	55	789	928
			1	4	3	8	86	81			47
59	66	70	100	615	660	23,210	14,930	18,721	11,697	7,825	6,582
1	10	7	5	297	182	1	4	6	6	98	99
64	229	284	40	539	617	8,921	7,414	7,034	3,548	9,815	9,811
24	82	152	19	1,197	2,014	788	1,479	2,205	8,467	6,240	10,542
						1	80	30	3	52	52
						1	15	25			53
90	149	182	155	969	1,271	4,007	3,811	8,586	7,208	8,078	8,097
3	65	70	1	11	20	20	202	390	15	255	404
			8	123	186	83	152	182	59	466	485
2	12	24				3	17	19	13	105	126
								8	77	116	58

STATISTICS OF AGRICULTURE.

TABLE 9.—NUMBER OF FARMS OF SPECIFIED AREAS REPORTING HAY AND FORAGE, WITH THE ACREAGE

STATES AND TERRITORIES.	ALL AREAS.			UNDER 3 ACRES.			3 AND UNDER 10 ACRES.			10 AND UNDER 20 ACRES.		
	Farms.	Acre.	Tons.	Farms.	Acre.	Tons.	Farms.	Acre.	Tons.	Farms.	Acre.	Tons.
1 The United States ¹	3,588,700	61,691,166	70,251,946	6,664	14,989	18,847	76,206	167,825	239,345	146,867	473,687	645,455
2 North Atlantic division	630,076	12,919,041	15,128,811	2,538	8,714	4,877	29,207	79,946	98,038	43,238	207,351	239,951
3 South Atlantic division	571,041	2,161,201	2,194,115	1,303	621	713	17,677	12,475	14,788	39,261	32,104	34,507
4 North Central division	1,089,291	35,676,042	46,158,805	1,485	2,632	3,491	17,008	46,600	67,820	32,756	136,740	189,707
5 South Central division	515,310	3,883,602	5,083,325	641	827	1,088	7,149	11,209	14,698	22,282	44,092	52,218
6 Western division	178,029	7,051,123	10,687,006	702	7,195	8,728	5,222	17,580	43,901	9,330	53,400	128,922
7 Alabama	68,661	85,853	100,061	74	78	88	1,015	729	923	3,672	2,390	2,610
8 Alaska	5	78	118	.....	.....	.....	1	3	4	.....	.....	.....
9 Arizona	2,639	92,674	177,504	70	1,833	1,824	68	244	629	179	1,130	2,744
10 Arkansas	48,220	230,426	271,616	36	58	80	322	813	1,009	1,599	3,666	4,535
11 California	49,402	2,239,601	3,035,266	176	309	927	1,811	6,982	16,947	3,446	22,388	51,187
12 Colorado	17,008	952,214	1,643,347	50	125	250	236	750	2,005	456	2,669	6,850
13 Connecticut	25,503	478,555	535,336	147	286	302	1,584	5,005	5,353	2,431	12,947	13,962
14 Delaware	7,717	74,800	79,308	7	5	12	140	62	219	343	717	898
15 District of Columbia	125	1,228	2,241	.....	.....	.....	10	37	65	44	163	287
16 Florida	15,586	21,994	22,381	24	18	14	487	481	485	1,129	1,280	1,249
17 Georgia	107,648	187,812	150,224	73	68	61	1,422	1,368	1,479	4,420	3,114	3,488
18 Hawaii	8	19	271	.....	.....	.....	2	2	11	.....	.....	.....
19 Idaho	13,798	513,656	899,126	17	49	130	89	307	682	171	1,167	2,207
20 Illinois	181,534	3,343,910	3,948,563	105	141	174	1,782	5,844	7,052	8,806	10,333	20,983
21 Indiana	167,672	2,442,414	2,905,608	188	163	224	2,232	5,778	7,410	4,549	18,754	23,438
22 Indian Territory	8,786	400,393	480,609	11	15	22	54	291	383	173	887	1,268
23 Iowa	187,122	4,649,878	6,600,169	90	206	370	1,318	3,780	6,542	2,298	10,858	16,950
24 Kansas	137,088	4,387,342	7,066,671	174	808	520	987	3,941	7,683	1,352	7,284	14,636
25 Kentucky	86,575	688,139	685,066	168	293	287	1,626	2,089	8,037	4,088	10,557	10,996
26 Louisiana	14,036	97,136	163,448	87	60	110	382	497	796	1,189	1,654	2,800
27 Maine	58,418	1,270,264	1,193,932	220	351	382	1,800	7,608	7,439	2,705	19,730	16,814
28 Maryland	20,979	374,848	415,197	60	173	184	1,375	2,259	2,785	2,800	5,891	6,551
29 Massachusetts	34,278	610,023	848,950	228	335	454	2,597	8,878	10,808	3,740	20,891	27,243
30 Michigan	171,692	2,928,498	2,703,214	100	141	198	1,915	4,121	5,544	4,021	14,566	18,228
31 Minnesota	132,851	8,157,690	4,889,328	45	72	102	687	1,962	3,868	1,119	4,763	8,151
32 Mississippi	48,012	99,261	129,332	33	25	87	414	527	698	2,372	2,523	3,275
33 Missouri	176,808	8,481,506	4,062,199	268	410	442	1,128	4,055	4,818	2,695	11,760	18,661
34 Montana	10,656	875,712	1,059,268	103	4,778	4,800	47	785	1,046	64	543	803
35 Nebraska	84,849	2,828,652	8,502,880	88	61	89	308	1,076	2,804	548	2,949	5,588
36 Nevada	1,878	292,134	419,812	6	8	19	48	182	445	77	447	969
37 New Hampshire	28,781	615,042	653,265	288	323	399	1,592	5,785	6,079	1,840	11,724	11,650
38 New Jersey	27,640	444,610	465,187	46	63	122	1,149	2,530	3,371	2,386	8,659	10,568
39 New Mexico	5,454	87,858	195,324	57	95	214	805	1,628	4,469	948	8,076	7,799
40 New York	210,527	6,154,965	6,819,475	746	1,285	1,706	8,771	28,593	31,034	12,645	60,808	75,650
41 North Carolina	141,532	229,998	240,820	286	48	69	3,927	1,470	1,540	9,709	4,839	4,422
42 North Dakota	84,422	1,410,534	1,747,390	17	473	488	177	883	1,756	389	5,453	10,086
43 Ohio	220,089	8,015,261	8,629,722	229	358	464	4,283	9,801	18,873	8,891	31,424	40,116
44 Oklahoma	86,693	695,818	1,187,296	6	8	21	37	100	248	68	875	774
45 Oregon	29,273	731,823	1,117,400	84	48	112	510	1,480	2,860	1,009	4,300	8,158
46 Pennsylvania	207,706	8,269,441	8,706,884	717	844	1,110	10,081	21,432	26,682	15,288	50,657	68,167
47 Rhode Island	4,721	60,776	75,410	41	61	64	317	852	1,032	480	2,293	2,656
48 South Carolina	87,777	106,124	108,886	151	42	56	3,457	652	867	8,174	2,880	2,905
49 South Dakota	44,165	2,287,875	2,378,892	17	32	38	74	431	579	104	909	1,240
50 Tennessee	118,357	645,617	679,450	173	153	191	2,807	8,514	8,646	7,278	14,906	15,448
51 Texas	95,871	938,024	1,406,452	103	137	202	992	2,109	3,059	1,903	7,134	10,503
52 Utah	17,042	388,043	850,962	128	304	781	1,028	8,628	11,627	1,028	18,154	38,061
53 Vermont	32,557	1,006,875	1,829,972	150	226	388	1,276	4,750	6,285	1,620	10,642	18,242
54 Virginia	115,910	612,962	627,979	595	161	202	5,312	4,813	5,581	10,120	7,707	9,126
55 Washington	26,738	497,139	826,897	52	70	140	565	1,478	3,176	1,045	4,466	10,087
56 West Virginia	64,767	601,935	541,084	101	111	115	1,517	1,888	1,817	2,982	5,958	5,611
57 Wisconsin	150,919	2,897,982	3,275,169	215	267	387	2,117	4,833	7,341	3,034	11,689	16,745
58 Wyoming	4,141	380,769	462,101	9	16	31	15	67	106	8	66	107

¹ Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographic divisions.

GENERAL TABLES.

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AND PRODUCTION OF THAT CROP, EXCLUSIVE OF CORNSTALKS, IN 1899, BY STATES AND TERRITORIES.

20 AND UNDER 50 ACRES.			50 AND UNDER 100 ACRES.			100 AND UNDER 175 ACRES.			175 AND UNDER 260 ACRES.		
Farms.	Acre.	Tons.	Farms.	Acre.	Tons.	Farms.	Acre.	Tons.	Farms.	Acre.	Tons.
585,797	3,074,978	3,981,749	907,805	9,801,144	11,528,527	1,050,054	18,186,074	22,981,069	386,727	9,517,603	12,252,668
107,797	963,146	1,097,647	186,059	8,081,363	8,406,980	175,968	4,712,220	5,980,215	55,902	2,246,420	2,734,129
142,741	178,112	181,566	138,212	366,950	363,800	122,720	572,172	580,586	53,728	369,849	374,612
206,047	1,447,816	1,857,750	486,894	5,007,360	6,370,401	554,733	10,494,997	13,345,434	213,811	5,908,281	7,693,358
105,272	246,993	289,587	124,114	481,187	554,627	144,258	1,072,481	1,409,430	48,974	463,450	558,485
23,936	243,831	555,140	22,523	414,250	824,132	52,384	1,334,191	2,215,374	14,251	529,508	892,034
22,894	12,287	14,381	16,857	14,284	16,165	18,739	16,880	18,792	4,912	9,059	11,871
4	75	109									8
545	7,002	14,774	451	11,578	23,834	878	30,181	54,453	114	6,067	12,320
9,040	25,498	29,713	11,298	49,247	54,365	13,807	68,506	76,511	4,320	34,824	39,349
8,111	97,001	202,482	5,964	131,730	245,944	9,957	280,756	417,563	3,873	177,195	244,584
1,311	15,466	43,478	1,976	55,305	110,887	6,281	222,440	417,700	1,323	69,368	148,922
5,948	54,058	57,759	6,851	118,274	125,572	5,430	145,213	159,260	1,944	76,098	85,653
1,145	4,121	4,808	2,181	18,158	14,054	2,419	24,961	25,229	976	17,269	18,552
42	319	589	21	260	453	6	209	185			15
5,111	4,078	4,959	3,409	4,145	4,343	3,168	4,008	3,727	1,037	1,886	1,879
81,517	17,745	18,545	26,294	25,961	28,184	22,348	32,220	35,896	10,245	18,415	20,693
			3	7	172	1	4	80	1	5	50
1,079	4,514	8,899	1,784	37,302	67,829	7,141	201,179	368,794	1,227	53,388	100,477
18,893	145,286	179,828	44,598	519,288	605,530	64,434	1,130,928	1,314,574	30,164	765,100	900,686
28,823	193,080	226,825	58,222	614,978	787,318	49,189	809,060	963,216	15,886	895,111	465,076
1,293	10,592	13,384	1,687	20,297	26,900	2,182	52,679	64,978	1,103	44,217	52,368
11,665	96,629	140,628	37,998	487,773	708,161	71,581	1,468,272	1,999,695	35,784	1,106,523	1,577,730
6,839	55,012	105,659	22,202	314,651	502,100	48,315	1,050,427	1,532,340	20,355	621,281	943,425
14,628	57,028	58,059	23,587	125,197	110,799	28,778	187,343	173,543	10,209	124,750	119,425
4,668	8,086	13,172	3,068	8,893	14,370	2,395	8,589	12,783	893	4,843	8,036
9,140	98,746	85,296	18,414	825,283	274,178	17,115	449,464	390,246	5,000	205,974	102,624
4,860	28,872	27,541	6,498	58,784	65,068	8,170	125,169	139,292	3,889	79,884	87,244
8,304	80,598	105,764	8,505	143,701	186,878	6,504	168,187	226,600	2,488	91,056	132,112
45,834	804,851	858,506	63,499	735,091	844,409	41,084	758,595	867,945	10,414	288,781	331,924
9,485	72,142	113,628	26,295	295,012	436,267	51,141	1,008,864	1,404,406	21,590	620,028	858,185
11,062	11,408	13,863	9,815	12,691	15,981	10,205	20,175	24,145	4,028	12,899	14,958
21,801	151,147	181,943	46,862	515,884	609,651	59,827	1,022,920	1,190,311	24,620	687,878	786,592
253	8,726	5,947	370	10,997	14,485	4,800	158,825	208,286	704	44,020	57,080
1,928	18,538	29,988	8,933	99,450	148,654	32,945	582,348	748,368	13,900	331,180	445,970
176	1,903	4,658	182	4,626	10,880	866	15,294	31,103	158	11,265	23,901
4,653	46,490	48,412	7,026	110,855	112,892	7,391	185,388	190,409	3,289	112,970	121,563
5,870	41,126	44,624	8,123	118,249	110,960	7,511	170,230	175,695	1,784	61,641	65,126
1,178	7,180	18,597	566	6,125	14,274	1,045	14,523	29,607	102	4,568	9,207
82,076	300,270	354,865	62,215	1,116,526	1,828,002	68,217	1,984,168	2,302,875	21,177	1,018,244	1,282,323
85,264	25,186	25,452	30,899	41,541	47,210	31,550	65,600	68,738	12,747	86,884	39,245
394	7,038	12,589	437	9,237	13,769	11,375	313,070	398,369	2,101	63,428	76,681
39,718	248,651	299,278	80,422	860,468	1,010,522	61,591	1,112,358	1,341,258	17,187	446,140	541,429
581	4,981	8,282	2,320	28,162	40,788	26,202	411,620	653,202	2,799	58,848	89,263
3,015	20,637	39,568	3,881	38,656	72,705	8,964	138,903	219,489	3,186	62,312	106,761
37,830	294,220	350,837	67,200	959,424	1,091,793	57,598	1,277,375	1,496,027	13,778	422,318	513,760
1,059	9,573	10,508	1,203	16,491	17,492	1,010	19,439	21,429	351	9,363	9,507
30,074	10,110	15,965	19,424	23,077	18,705	18,996	28,711	28,100	5,586	12,807	12,158
498	7,156	9,441	1,260	22,240	28,251	12,549	885,342	416,695	4,617	145,909	169,743
26,307	74,315	74,999	33,925	143,222	144,390	28,519	175,788	184,615	11,047	99,571	104,923
14,804	42,858	68,084	21,548	70,344	124,910	28,931	130,802	200,861	9,663	78,530	118,692
4,893	61,290	105,469	3,525	70,506	178,499	2,905	77,072	168,658	1,136	40,801	81,800
3,417	38,065	44,597	6,402	126,560	158,622	10,113	306,765	408,524	5,401	243,871	331,561
23,270	44,017	46,414	25,012	70,854	78,505	24,262	124,159	125,858	12,635	106,147	107,806
3,331	24,264	50,708	3,687	44,400	86,058	9,228	142,763	243,514	2,019	47,842	87,756
11,458	42,769	37,293	18,074	120,179	107,286	16,800	172,080	153,561	6,613	97,107	87,035
20,679	148,286	199,942	47,217	533,288	730,761	50,702	857,218	1,169,262	17,303	486,832	596,058
44	848	1,276	128	3,034	4,837	1,813	46,255	66,207	259	12,827	19,147

STATISTICS OF AGRICULTURE.

TABLE 9.—NUMBER OF FARMS OF SPECIFIED AREAS REPORTING HAY AND FORAGE, WITH THE ACREAGE AND PRODUCTION OF THAT CROP, EXCLUSIVE OF CORNSTALKS, IN 1899, BY STATES AND TERRITORIES—Continued.

STATES AND TERRITORIES.	260 AND UNDER 500 ACRES.			500 AND UNDER 1,000 ACRES.			1,000 ACRES AND OVER.		
	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.
	306,586	11,193,415	14,745,007	81,377	4,857,487	6,406,369	35,617	4,904,010	6,502,910
The United States ¹	306,586	11,193,415	14,745,007	81,377	4,857,487	6,406,369	35,617	4,904,010	6,502,910
North Atlantic division	24,433	1,304,626	1,678,477	8,889	282,101	368,568	1,000	88,145	125,025
South Atlantic division	38,787	367,535	370,214	12,402	168,800	171,685	4,210	97,574	101,548
North Central division	177,757	7,588,229	9,937,675	38,361	3,007,353	3,946,845	10,439	2,036,025	2,737,264
South Central division	38,977	590,223	777,103	18,713	359,841	493,149	9,980	618,290	933,040
Western division	26,632	1,342,802	1,986,538	18,012	1,039,342	1,426,122	10,037	2,068,975	2,606,025
Alabama	3,855	12,181	13,948	1,223	7,337	8,692	420	9,319	13,091
Alaska									
Arizona	203	13,671	38,566	82	11,041	19,707	40	10,427	14,153
Arkansas	2,522	32,103	36,917	586	14,224	15,624	190	10,487	18,413
California	7,251	405,426	518,248	4,769	388,086	467,972	4,045	728,673	869,412
Colorado	3,108	201,543	369,114	1,211	134,575	218,654	1,056	249,973	325,987
Connecticut	958	53,146	68,327	184	15,188	19,172	26	8,340	5,086
Delaware	433	11,017	11,201	68	2,841	3,215	5	619	1,115
District of Columbia				2	240	662			
Florida	773	1,867	1,631	302	1,282	1,252	151	2,114	2,842
Georgia	7,391	19,548	21,532	2,759	11,882	12,749	1,179	6,991	7,597
Hawaii							1	1	8
Idaho	1,728	117,057	195,163	403	50,399	88,835	159	48,349	70,109
Illinois	15,835	608,955	728,650	1,761	126,074	164,702	216	26,371	36,385
Indiana	7,434	284,565	387,233	1,034	73,405	88,467	170	47,525	50,901
Indian Territory	1,218	83,428	100,260	620	75,230	90,962	445	112,817	130,075
Iowa	23,470	1,180,896	1,646,340	2,697	269,205	398,329	321	80,236	115,420
Kansas	25,788	1,119,511	1,889,600	8,316	607,188	1,083,584	3,256	557,739	1,037,106
Kentucky	6,591	115,875	115,170	1,623	45,264	48,363	337	14,134	14,387
Louisiana	931	9,281	15,481	592	18,474	22,860	540	41,809	78,026
Maine	2,559	120,231	116,783	506	32,050	20,797	114	10,811	11,423
Maryland	2,348	59,539	65,045	412	15,261	16,907	66	4,063	4,582
Massachusetts	1,397	67,426	109,288	314	23,484	38,548	72	5,972	11,177
Michigan	4,202	168,548	202,783	484	86,656	48,242	130	17,149	25,440
Minnesota	20,457	875,400	1,169,501	2,763	217,104	271,977	329	62,263	74,348
Mississippi	3,490	16,959	21,672	1,161	12,383	17,803	432	9,771	16,950
Missouri	16,151	723,595	845,765	2,946	265,797	317,411	510	97,451	111,010
Montana	2,337	171,031	207,702	1,188	145,395	168,870	1,215	335,612	390,910
Nebraska	18,881	765,504	927,516	5,278	429,519	511,929	2,090	592,988	681,914
Nevada	315	30,916	50,925	250	43,415	68,734	300	184,078	228,743
New Hampshire	2,020	91,051	111,313	503	30,082	38,473	161	13,474	17,015
New Jersey	620	29,917	35,547	94	6,260	8,584	57	5,026	10,540
New Mexico	267	7,480	15,736	170	8,767	17,890	226	33,022	77,541
New York	8,353	584,002	720,525	1,087	95,385	126,203	240	25,094	36,288
North Carolina	8,480	33,780	35,627	2,410	14,072	15,426	661	7,018	9,091
North Dakota	13,665	530,578	643,041	4,671	204,175	363,300	1,246	185,599	227,456
Ohio	6,785	248,947	302,214	847	45,370	55,399	136	12,344	16,674
Oklahoma	3,705	104,726	187,439	588	31,891	56,193	378	59,602	101,086
Oregon	5,280	108,601	250,658	2,225	114,508	166,508	1,169	182,189	250,577
Pennsylvania	4,927	188,842	228,733	681	29,660	40,525	211	10,674	14,260
Rhode Island	192	7,002	8,815	45	2,485	2,462	14	1,637	1,950
South Carolina	4,515	14,978	18,222	1,669	9,485	8,330	701	8,882	8,518
South Dakota	16,472	801,740	844,369	6,651	581,881	574,615	1,914	342,785	384,436
Tennessee	6,391	91,224	100,090	1,522	30,182	35,085	393	12,742	15,464
Texas	9,774	124,546	186,126	5,858	129,856	196,067	6,795	842,618	555,548
Utah	962	50,092	95,407	337	29,156	50,676	200	42,045	69,990
Vermont	8,398	215,819	284,696	525	47,551	64,806	105	12,117	17,301
Virginia	10,384	134,709	187,873	8,894	70,303	72,999	926	41,532	43,665
Washington	4,265	117,623	175,764	1,755	62,176	90,468	701	52,057	70,281
West Virginia	4,459	92,097	84,083	1,386	43,481	40,145	521	26,325	24,138
Wisconsin	8,617	330,500	450,604	913	61,499	84,894	122	13,575	19,625
Wyoming	916	59,272	74,260	622	56,784	72,808	827	201,650	228,822

¹Data for Alaska and Hawaii included in totals for United States, but not in those for the five geographic divisions.

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES.

ALABAMA.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.	Corn stalks.	
	8,814	4,042	8,364	10,442	272	343	1,592	1,724	40,880	46,383	14,723	17,104	15,708	20,023	72,847
Autauga.....			29	34			1	2	625	661	89	134	196	189	1,792
Baldwin.....							346	385	960	1,088	29	38	19	18	177
Barbour.....			2	3					147	160	15	22	99	35	3,254
Bibb.....	28	33	5	5					729	1,176	28	25	64	75	1,172
Blount.....	12	14	136	62			10	17	177	173	46	58	192	302	817
Bullock.....									126	87	29	18	72	33	2,884
Butler.....	4	4	20	15					666	411	14	16	31	84	420
Calhoun.....	205	301	105	180			11	14	765	1,018	287	389	500	737	745
Chambers.....	25	61	131	184					338	379	225	240	543	745	1,520
Cherokee.....	116	116	312	437			30	53	587	701	520	760	305	819	1,472
Chilton.....	26	30	4	8			4	2	72	59	59	40	8	26	582
Choctaw.....	1	1							229	173	63	38	26	15	185
Clarke.....	38	18	6	4			10	10	149	182	4	3	286	192	194
Clay.....	26	48	12	29					38	49	172	241	78	74	286
Cleburne.....	48	75	50	82			2	2	142	159	79	104	78	270	765
Coffee.....			32	64					58	58	150	109	62	40	959
Colbert.....	30	40	228	281			30	41	286	315	1,178	841	294	517	484
Connestee.....			4	7					62	52	70	64	198	164	172
Coosa.....	85	46	14	22					342	301	14	7	55	72	1,146
Covington.....									70	61	17	7			207
Crenshaw.....	49	30	1	2					5	5	14	21	78	55	361
Cullman.....	882	877	181	174	2	8	1	1	650	452	196	201	500	216	1,571
Dale.....			1	1					78	80	46	39	121	67	1,329
Dallas.....	38	48	54	64			18	16	4,111	4,011	224	237	292	249	2,913
Dekalb.....	164	128	81	146			74	71	430	411	666	681	681	683	2,190
Elmore.....	80	21	189	205			1	1	1,351	1,456	254	178	87	51	1,104
Escambia.....			2	4			11	28	485	504	108	69	54	48	225
Etowah.....	20	23	97	168			4	3	266	305	25	28	196	462	876
Fayette.....	64	88	3	4			25	31	260	277	67	95	16	43	356
Franklin.....	3	3	9	8			7	5	64	76	114	72	104	110	595
Geneva.....			67	56					51	66	20	45	7	5	691
Greene.....	468	445	2	2	120	140	35	40	440	484	219	347	72	69	1,601
Hale.....	12	9	80	23			18	21	1,922	1,958	82	172	210	408	1,790
Henry.....	6	4							220	280	15	11	60	62	1,121
Jackson.....	277	245	571	717	9	11	307	297	912	809	1,188	1,226	385	514	104
Jefferson.....	14	17	167	287	6	6	2	2	565	711	826	445	481	711	684
Lamar.....	9	11	22	28					203	156	18	12	77	340	702
Lauderdale.....	25	23	825	842			77	92	581	510	979	949	267	426	925
Lawrence.....	452	457	178	264	6	14	10	10	561	784	889	558	348	656	650
Lee.....	58	147	168	305					488	384	105	166	176	423	1,796
Limestone.....	28	26	140	146			35	80	164	216	116	104	856	470	1,686
Lowndes.....	40	42	8	24					202	262	12	9	51	33	1,820
Macon.....	17	17	2	3					126	143	25	22	55	132	1,664
Madison.....	76	87	2,709	3,326	15	11	130	139	1,028	1,056	1,798	2,064	1,988	1,960	1,877
Marengo.....	70	65	2	2	40	58	44	44	670	1,410	78	139	126	125	1,762
Marion.....	39	86	14	17			18	22	35	47	146	102	206	77	1,183
Marshall.....	5	6	256	305			24	21	188	197	206	275	140	185	1,388
Mobile.....	19	20	46	72			204	161	2,266	2,812	158	347	579	358	
Monroe.....	80	50	7	10			12	10	441	468	16	18	46	54	335
Montgomery.....	52	52	22	80	16	23	6	6	5,014	6,898	754	1,657	277	657	1,807
Morgan.....	378	367	500	573	11	14	36	35	1,101	1,115	717	744	1,386	1,169	1,195
Perry.....			2	3					1,496	1,884	211	401	144	282	1,900
Pickens.....	13	14	86	95	17	27	18	18	309	280	60	58	73	104	1,053
Pike.....			7	13					14	18	166	68	8	9	1,053
Randolph.....			8	12					49	42	188	129	308	295	1,862
Russell.....	2	1	2	3					1,205	1,176	1	1	58	234	2,998
St. Clair.....	23	22	805	413			13	21	451	497	328	304	245	718	409
Shelby.....			46	49			2	5	1,589	1,868	88	105	195	204	611
Sumter.....	187	188							595	747	8	12	120	453	986
Talladega.....			341	616					1,541	1,697	681	779	670	580	1,848
Tallapoosa.....	65	67	9	15					265	329	164	228	1,033	1,203	1,874
Tuscaloosa.....	61	57	2	3			6	7	1,304	1,887	378	424	56	87	1,142
Walker.....	15	15	123	206	28	33			106	108	53	78	146	596	428
Washington.....			1	1					297	421	125	222	97	99	485
Wilcox.....	14	12	8	9			15	16	313	360	178	247	339	431	1,761
Winston.....									6	6			8	49	220

ALASKA.

The Territory..	63	94	15	19
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STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

ARIZONA.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES,		MILLET AND HUNGARIAN GRASSES,		ALFALFA, OR LUCERN,		CLOVER,		OTHER TAME AND CULTIVATED GRASSES,		GRAINS CUT GREEN FOR HAY,		FORAGE CROPS. ¹		
													Sown for forage.	Corn stalks	
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.
The Territory	10,426	9,624	107	212	62,585	137,270			1,078	1,995	15,349	20,487	3,130	8,016	327
Apache	567	630	36	46	908	1,546			6	12	146	189	15	82	
Cochise	4,409	2,820	2,208	6,828			70	100	1,106	1,035	56	92			
Coconino	447	669	8	16	377	1,215			112	246	1,868	1,595	15	4	
Gila	77	111	11	32	645	1,485			100	136	509	681	675	1,718	31
Graham	2,597	3,659	6	9	3,858	16,873			327	689	364	592	303	713	71
Maricopa	5	6	9	11	42,421	72,241			87	152	3,090	4,453	845	2,910	
Mohave	10	15	588	1,490					50	65	60	100			
Navajo	132	125			1,279	2,692			30	35	98	111	35	80	18
Pima	559	534			1,678	4,564			25	13	3,167	4,206	76	121	176
Pinal	492	562			2,412	3,654			100	266	1,568	2,437	61	68	
Santa Cruz	326	196	12	50	866	750			157	187	1,051	1,416	388	460	
Yavapai	727	718	21	43	8,687	9,778			62	81	599	595	371	571	10
Yuma			3	3	2,057	13,974					1,273	2,188	252	1,050	20
Colorado River ¹	41	42											2	2	
Fort Apache ¹	30	30	1	2	3	3					40	45			
Gila River and Salt River ¹					148	160			17	23	59	31	27	65	7
Papago ^{1,2}	6	7			5	8					361	758			
Supai and Walnapai															

ARKANSAS.

The State	71,486	72,633	8,352	10,445	2,278	4,444	18,262	20,426	59,504	67,032	62,756	73,375	16,788	23,261	16,800
Arkansas	26,035	28,338	144	171			41	85	1,187	1,432	3,405	3,988	1,042	1,320	48
Ashley	259	325	76	111	5	10			249	260	254	204	134	220	120
Baxter	8	6	518	630			140	137	1,127	1,098	616	596	84	148	48
Benton	1,926	2,113	678	758	19	36	2,874	2,961	5,357	5,774	5,391	5,866	2,050	2,024	1,843
Boone	1,408	892	94	106			1,885	1,692	1,333	1,185	1,571	1,538	675	890	636
Bradley	56	69	1	1					24	29	525	272	152	112	334
Calhoun			8	4			6	6	51	66	257	120	8	10	186
Carroll	52	34	90	109	20	24	615	770	2,238	2,506	1,009	1,157	976	893	49
Chicot	71	79	45	75			36				561	739	266	370	389
Clark	57	70	80	85	36	43	230	242	384	398	72	67	314	401	715
Clay	40	25	47	60	25	32	935	937	1,373	1,499	2,080	1,849	160	327	
Cleburne	8	12	37	65			26	29	318	379	79	94	33	94	1
Cleveland	4	6	1	1					436	502	351	211	6	5	66
Columbi	13	13	16	22	1	1			36	45	35	37	9	10	628
Conway	173	210	178	240	1	1	32	41	572	587	433	431	216	307	29
Craighead			38	98			129	156	2,317	2,709	1,322	1,718	102	441	
Crawford	195	271	159	206	18	27	67	74	655	677	911	208	310	232	
Crittenden	45	55	25	45					41	50	71	83	48	105	5
Gross	2	3	23	37	4	10	29	36	766	921	891	1,084	20	35	
Dallas	18	26	12	17					120	119	140	124	137	153	249
Desho	46	45	186	290			166	235	430	618	158	105	45	148	93
Drew	1,332	1,151	9	11	10	14	27	28	447	498	198	191	224	220	839
Faulkner	656	781	551	558			2	1	696	820	211	243	177	301	137
Franklin	3,830	3,970	252	299			18	24	595	642	278	319	192	173	237
Fulton	55	71	449	453	17	18	436	500	2,033	2,187	700	808	95	180	145
Garland	32	46					38	47	877	486	78	88	97	131	665
Grant	112	123	7	7			157	125	180	191	214	181	67	78	310
Greene	25	24	69	84			683	771	938	1,192	8,812	4,425	207		
Hempstead	74	79	22	36	222	412	79	84	680	763	863	446	176	360	161
Hot Spring	2	2	52	53					530	536	182	195	71	503	682
Howard			8	3	32	48	5	10	370	460	237	435	33	105	246
Independence	95	138	142	188	129	246	222	285	1,064	1,393	856	958	35	41	393
Izard	16	16	225	342	12	25	65	74	654	712	1,386	1,664	147	188	121
Jackson			21	25	86	89	217	258	1,926	2,054	1,793	2,351	86	163	70
Jefferson	45	87	22	27	2	2	48	75	259	367	953	411	672	200	
Johnson	1,856	887	80	89	5	10	37	88	325	356	742	954	168	238	234
Lafayette	113	118			1	1	31	35	11	40	36	47	61	276	
Lawrence	11	19	252	349	7	14	373	451	2,039	2,174	2,001	2,398	233	395	181
Lee	82	16	29	36			80	80	440	692	789	2,090	2,683	12	5
Lincoln	66	75	2	3	1	1	31	30	148	189	77	97	242	247	199
Little River	152	169	14	29	121	252	2	2	88	188	38	47	16	83	119
Logan	409	456	159	249	7	11	31	61	554	778	467	591	219	238	336
Lonoke	11,402	10,147	120	143			80	80	440	527	2,347	3,120	450	754	249
Madison	1	1	53	62			710	705	2,168	2,078	400	415	155	255	5
Marion	19	10	100	97			278	340	529	533	442	572	60	131	
Miller	1	1	44	73					319	323	74	132	285	569	626
Mississippi	1	1	168	214	829	986	119	197	519	950	76	93	148	302	80
Monroe	653	534	5	5			9	18	459	574	544	703	36	72	
Montgomery	47	61	48	66	6	8	182	140	508	474	327	910	140	164	732
Nevada	179	255	28	66			3	6	408	449	2	1	30	33	709
Newton			23	48			94	127	26	38	54	72	102	229	62
Oachita	22	30	1	1	3	3	2	2	113	89	281	158	60	51	398
Perry			106	78			22	22	120	121	27	39	32	31	143
Phillips	22	22	85	112	7	22	867	1,103	764	941	2,875	3,720	23	62	57
Pike	80	83	60	46			85	85	408	449	748	100	148	132	

¹ Indian reservation.² Including nomadic Papago.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.
DELAWARE.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Sown for forage.	Corn stalks.	
	The State	5,600	8,692	624	913	173	211	26,508	24,346	30,190	37,846	2,571	3,692	3,068	3,603	48,890
Kent	3,047	4,978	219	272	66	86	11,418	10,784	8,104	8,029	1,141	1,528	1,381	1,504	9,664
Newcastle	292	359	210	344	56	62	8,805	7,680	24,176	26,389	144	288	619	1,077	6,058
Sussex	2,821	3,860	195	297	51	63	6,785	5,882	3,826	3,428	1,286	1,926	1,068	932	33,178

DISTRICT OF COLUMBIA.

The District	10	25	27	50	969	1,625	181	302	41	149
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FLORIDA.

The State	1,435	1,655	58	106	111	100	13,951	13,625	3,096	4,158	2,448	2,728	14,806
Alachua	41	42	7	8	.....	.....	11	11	1,480	1,404	158	164	195	178	1,466
Baker	.....	.....	.....	.....	.....	.....	4	4	.....	.....	5	5	1	1	241
Bradford	.....	.....	.....	.....	.....	.....	152	161	.....	.....	9	9	5	5	730
Brevard	.....	.....	.....	.....	.....	.....	97	91	.....	.....	1	1	1	1	1
Calhoun	.....	.....	.....	.....	.....	.....	40	77	.....	.....	16	16	5	5	57
Citrus	.....	.....	1	1	.....	.....	44	44	106	94	31	26	26	26	29
Clay	.....	.....	.....	.....	.....	.....	76	78	37	40	33	38	84	84	271
Columbia	6	15	8	17	.....	.....	.....	.....	328	371	42	55	2	2	1,026
Dade	183	211	8	17	.....	.....	1	1	37	47	38	51	38	52	1,254
De Soto	7	9	.....	.....	.....	.....	3	8	747	763	.....	.....	10	10	8
Duval	.....	.....	.....	.....	.....	.....	475	438	27	97	33	33	84	84	339
Escambia	.....	.....	.....	.....	.....	.....	7	6	280	278	38	43	345	385	408
Franklin	.....	.....	.....	.....	.....	.....	42	30	.....	.....	5	5	1	2	.....
Gadsden	360	410	14	39	.....	.....	2	2	481	462	811	859	273	263	186
Hamilton	.....	.....	.....	.....	.....	.....	85	51	.....	.....	.....	.....	21	24	390
Hernando	2	5	.....	.....	.....	.....	28	26	1	1	7	11	11	146	146
Hillsboro	34	44	4	5	.....	.....	1,457	1,431	28	34	13	22	22	22	16
Holmes	.....	.....	2	4	.....	.....	151	84	.....	.....	1	2	1	2	867
Jackson	.....	.....	1	3	.....	.....	10	6	119	129	14	17	26	30	1,101
Jefferson	.....	.....	.....	.....	.....	.....	199	189	111	207	43	43	103	103	336
Lafayette	.....	.....	.....	.....	.....	.....	50	64	1	1	3	3	3	3	222
Lake	.....	.....	.....	.....	.....	.....	1,611	1,285	442	292	70	60	60	60	86
Lee	6	15	8	8	.....	.....	43	47	3	3	3	3	3	3	1
Leon	.....	.....	.....	.....	.....	.....	1,177	1,491	307	398	179	226	1,252	1,252	1,186
Levy	28	21	.....	.....	.....	.....	45	64	6	9	11	13	13	13	186
Liberty	.....	.....	.....	.....	.....	.....	1	1	1	1	1	1	114	114	591
Madison	.....	.....	.....	.....	.....	.....	911	654	.....	.....	8	8	18	18	.....
Manatee	18	37	.....	.....	.....	.....	52	71	7	9	78	102	102	102	2,786
Marion	5	5	.....	.....	.....	.....	451	495	147	129	78	102	102	102	.....
Monroe	.....	.....	.....	.....	.....	.....	2	4	.....	.....	2	2	2	2	.....
Nassau	.....	.....	.....	.....	.....	.....	5	5	7	4	5	24	24	24	50
Orange	247	255	.....	.....	.....	.....	790	749	86	101	862	842	842	842	194
Osceola	14	15	.....	.....	.....	.....	104	119	14	20	5	4	4	4	101
Pasco	28	24	1	8	.....	.....	480	412	216	113	52	39	39	32	82
Polk	86	88	1	1	.....	.....	50	60	267	111	84	168	201	201	248
Putnam	2	2	12	12	.....	.....	475	412	280	305	95	87	87	87	264
St. John	3	2	.....	.....	.....	.....	266	260	2	3	82	28	28	28	24
Santa Rosa	40	35	.....	.....	.....	.....	27	31	198	269	12	16	112	135	3
Sumter	306	321	2	2	.....	.....	145	155	2	3	14	10	10	10	191
Suwannee	.....	.....	.....	.....	.....	.....	150	148	1,008	985	16	14	14	14	415
Taylor	.....	.....	.....	.....	.....	.....	10	10	.....	.....	.....	.....	49	49	.....
Volusia	72	104	2	8	.....	.....	281	298	857	436	139	190	190	190	101
Walton	47	45	.....	.....	.....	.....	17	28	10	8	11	12	12	12	122
Washington	.....	.....	.....	.....	.....	.....	222	186	39	40	11	37	19	19	44
.....	.....	.....	.....	.....	.....	.....	81	26	.....	.....	4	4	4	4	94

GEORGIA.

The State	6,101	5,985	4,506	5,523	87	83	2,112	2,389	62,050	65,978	40,525	42,211	21,981	28,155	136,924
Appling	.....	.....	.....	.....	.....	.....	87	13	51	46	19	19	34	34	1,905
Baker	.....	.....	.....	.....	.....	.....	1	1	18	20	6	9	14	14	280
Baldwin	60	60	2	7	.....	.....	420	581	587	205	144	129	129	129	846
Banks	.....	.....	.....	.....	.....	.....	822	928	496	507	68	99	606	606	.....
Bartow	100	120	58	85	.....	.....	41	29	1,430	1,047	1,899	2,364	284	354	1,045
Berrien	9	9	7	8	16	28	66	69	851	254	28	20	20	20	2,152
Bibb	206	206	18	14	.....	.....	3	11	705	754	69	154	102	189	1,152
Brooks	2	1	.....	.....	.....	.....	50	85	761	648	18	16	209	187	1,328
Bryan	13	8	.....	.....	.....	.....	60	120	7	9	9	11	9	9	524
Bulloch	1	2	6	8	.....	.....	20	80	280	294	401	811	811	811	2,059
Burke	7	8	1	1	12	42	242	271	889	174	92	59	59	59	4,866
Butts	.....	.....	2	8	.....	.....	1	1	99	187	514	868	87	102	1,529
Calhoun	10	10	5	6	.....	.....	1	1	.....	.....	69	86	865	881	857
Camden	.....	.....	.....	.....	.....	.....	86	89	69	69	62	84	84	806	.....
Campbell	.....	.....	8	8	.....	.....	457	476	102	124	65	69	69	69	1,005

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.
GEORGIA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.			
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.	Corn stalks.		
													Acres.	Tons.	Tons.	
Carroll	26	34	12	13			2	3	301	378	238	459	269	402	2,405	
Catoosa	850	340	885	906			129	86	501	595	163	148	211	168	124	
Charlton							2	3	2	3			4	2	314	
Chatham	443	308	80	44	2	2			628	770	334	471	92	280	71	
Chattahoochee									1	1					1,339	
Chattooga	126	122	89	159			49	74	952	1,016	423	516	81	127	799	
Cherokee	66	71	11	12	1	1	5	5	742	794	878	1,155	211	211	702	
Clarke	2	2	7	9					673	728	201	272	358	509	165	
Clay									252	225	10	5	86	118	464	
Clayton			20	23					882	1,101	181	207	79	104	349	
Clinch									58	58	20	12	2	2	354	
Cobb	14	17	73	129	1	1	8	6	1,987	2,421	1,038	1,881	584	900	1,018	
Coffee					1	2			86	99			100	120	944	
Colquitt									88	89	226	163	414	462	84	
Columbia	29	37							286	317	164	130	221	210	715	
Coweta	423	322	10	12					201	201	554	345	469	411	2,474	
Crawford			16	26					19	23	30	55	11	23	958	
Dade			97	142			276	347	171	165	802	309	66	105	38	
Dawson	34	66	15	20					348	298	159	278	2	2	1,330	
Decatur	7	4	3	5			73	51	266	283	327	148	409	385	1,420	
Dekalb	98	128	68	98			10	20	2,666	2,828	600	680	709	1,403	424	
Dodge	5	7	1	2					83	64	183	190	113	132	1,352	
Dooly			7	12					17	19	95	73	253	199	1,387	
Dougherty			44	23			7	7	337	248	14	6	801	638	910	
Douglas			4	7					111	244	24	63	50	95	1,145	
Early			4	4					15	15	5	4			490	
Echols									26	36	23	47	3	0	144	
Effingham			80	100			23	12	1,810	1,406	706	629	176	245	945	
Elbert	64	91	1	1			1	1	22	18	47	55	2	4	1,06	
Emanuel															1,796	
Fannin	61	81	34	56			8	9	1,597	1,786	55	118	110	162	446	
Fayette									286	325	17	32			876	
Floyd	296	388	426	541			108	165	1,422	1,451	1,208	1,233	356	621	1,013	
Forsyth			188	182					798	1,046	611	745	36	22	1,416	
Franklin									1,198	1,293	625	591	289	524	997	
Fulton	81	53	218	409			76	107	1,019	1,199	305	586	318	898	614	
Gilmer	537	560	2	3			12	19	230	259	311	338			1,660	
Glasecock									8	2			18	50	4	
Glynn									23	26	4	4	13	50	2	
Gordon	418	607	46	70			88	98	334	498	977	1,263	196	263	787	
Greene			4	13			20	25	1,206	1,202	225	221	481	336	1,439	
Gwinnett	42	48							415	371	1,038	1,296	283	356	3,177	
Habersham	2	2					4	10	338	608	179	201	38	44	652	
Hall	16	19							1,521	2,125	763	1,089	127	95	582	
Hancock			36	69					542	507	386	376			1,928	
Haralson	33	44	1	1					172	180	149	152	42	46	196	
Harris	21	22	11	10					317	392	67	60	209	470	422	
Hart	63	35					2	2	568	628	448	368	589	808	666	
Heard			58	105					18	31	108	132	188	77	1,073	
Henry	1	1							422	403	375	371	63	51	1,366	
Houston	3	5	17	7					554	441	263	180	137	73	1,759	
Irwin	49	86	17	18			1	1	634	772	498	394	170	152	1,228	
Jackson	19	23	5	3					1,982	1,797	1,289	1,028	901	1,200	1,450	
Jasper									303	254	218	229			1,742	
Jefferson			20	40					50	47	274	187	81	33	2,779	
Johnson											110	97	1	1	536	
Jones										59	4	5	23	88	915	
Laurens			7	9						67	67	21	31	3	10	1,319
Lee										161	210	40	74	42	104	949
Liberty			2	10	1	1			34	38	87	66	168	200	784	
Lincoln			1	2						28	31	17	24	115	149	803
Lowndes			420	302					203	224	467	517	217	338	570	
Lumpkin	82	87	6	6					430	603	118	109	25	26	601	
McDuffie			3	3					256	258	163	130	2	2	605	
McIntosh									23	31	26	14			120	
Macon									32	29	138	157	150	122	1,612	
Madison	1	2							562	621	103	112	686	1,477	234	
Marion	2	5							111	79	75	78	46	85	1,269	
Meriwether	19	32	2	4					691	801	307	352	523	432	1,123	
Miller									10	20					194	
Milton			2	2					103	115	1,606	1,769			899	
Mitchell									98	89	19	12	77	57	805	
Monroe	5	8	6	18					366	380	266	286	174	186	1,133	
Montgomery							2	5	404	342	166	173			627	
Morgan							35	89	1,061	1,180	519	488	1,090	1,814	1,923	
Murray	683	461	81	85			118	102	554	551	940	917	321	298	810	
Muscogee	238	204	28	34					732	806	182	184	243	286	596	
Newton	210	117	28	33					671	709	443	388	187	246	1,580	
Oconee	130	156	6	7	1	5			99	61	1,234	790	782	446	966	
Oglethorpe			10	15					1,118	1,397	89	64	126	106	1,039	

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.
GEORGIA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		GLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.			
													Sown for forage.	Corn stalks.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.	
Paulding			25	27			1	1	207	228	180	315	188	381	814	
Pickens	2	1					1	1	97	107	134	97	31	29	147	
Pierce			17	22					105	62	858	633			278	
Pike	10	10							188	166	117	158	108	135	1,846	
Polk	58	60	76	128			1	3	860	908	406	637	140	164	1,580	
Pulaski	5	7	24	13					60	69	862	626	67	49	2,273	
Putnam	17	17							658	725	62	40	266	207	938	
Quitman									5	16	7	6		1	772	
Rabun										62	65	33	281	607	280	
Randolph									6	8	317	350	63	50	189	
Richmond			20	45					31	31	1,245	1,943	2,454	2,330	172	188
Rockdale	48	49									856	329	141	153	239	412
Schley	2	1									781	542	24	26	10	94
Screven	1	1	1	1							567	494	186	156		1,742
Spalding			3	5							718	598	79	91	40	898
Stewart			3	10							1,086	770	91	107	172	211
Sumter			19	11					3	2	1,094	848	829	499	172	244
Talbot	2	1	227	251							629	491	152	151	116	221
Taliaferro					2	4					130	114	20	5		447
Tattnall					15	10					155	155	125	102	87	1,786
Taylor					10	2					485	279	71	42	12	784
Telfair											45	46	32	24	1	505
Terrell	1	2	7	6							361	341	16	28	140	1,781
Thomas	1	1	22	24							1,182	902	40	46	300	843
Towns	24	15									20	17	25	42	68	938
Troup	147	188	1	1							1,998	2,522	237	368	280	485
Twiggs											1	1	16	19		664
Union	64	88	37	53							247	399	302	260	59	551
Upson									3	10	94	121	80	68	23	1,403
Walker	126	131	372	497					351	404	866	884	430	583	802	938
Walton	9	6							291	291	912	966	386	469	142	1,356
Ware	13	14			1	1			10	3	7	8	71	40	13	274
Warren	8	1	25	29							300	407	445	298		856
Washington											80	59	3	3		758
Wayne											113	100	79	45		528
Webster											3	5	108	891	474	887
White	64	69	2	4							157	130	2,040	1,919	1,310	1,065
Whitfield	414	353	349	406												848
Wilcox			2	3							86	85	27	86	26	366
Wilkes	90	65	6	11							632	671	827	752	231	235
Wilkinson			1	1							58	57	11	55	46	798
Worth	120	90	35	25							617	434	6	8	50	1,199

HAWAII.

The Territory														19	271	
Hawaii ¹														9	180	
Kauai ¹														1	11	
Oahu ¹														9	80	

IDAHO.

The State	140,467	160,290	813	1,569	100,029	425,706	14,786	35,420	99,281	139,354	91,654	126,043	6,626	11,753	29
	Ada	699	584	41	235	7,856	21,703	9,318	22,006	4,297	9,365	718	1,249	108	118
Bannock	19,605	26,884	60	110	10,915	25,475	192	558	4,871	5,880	804	825	647	689	
Bear Lake	29,271	33,216	160	150	7,116	16,885	55	120	4,245	5,999	1,050	1,592	745	961	
Bingham	6,249	7,690	4	12	18,517	52,983	50	124	3,644	5,306	282	278	34	52	
Blaine	11,817	10,812			9,804	24,996	23	63	2,564	3,914	1,711	3,229	217	432	
Boise	10,147	8,673	80	80	1,953	8,505	394	774	5,640	7,848	1,615	1,943	24	31	
Canyon	3,675	4,296	107	356	10,166	33,098	2,688	7,410	2,003	4,925	1,502	2,194	2,338	6,297	2
Cassia	7,550	9,000			13,479	30,298	36	76	3,222	8,999	465	686	19	74	
Custer	860	1,013			2,020	3,401	10	17	7,098	8,147	303	318	41	50	
Elmore	3,835	5,190	5	6	2,584	7,094	240	681	1,156	1,652	132	207	20	20	
Fremont	13,117	13,029	46	130	23,017	62,959	328	760	7,587	10,637	2,282	3,079	29	36	
Idaho	649	685	96	200	313	693	1	1	11,602	13,841	15,921	22,022	298	503	
Kootenai	4,404	4,788	11	11	116	59	172	248	8,453	10,188	6,175	6,268	427	504	
Latah	1,872	2,825	20	36	24	49	211	342	7,060	9,238	20,365	28,788	64	217	2
Lemhi	1,934	2,314			1,606	3,488	283	499	7,347	13,309	121	180	4	7	
Lincoln	838	882	33	48	5,489	13,788	80	183	22	44	158	280	4	4	
Nez Perce	155	201	55	71	67	147	22	1,870	2,416	29,124	41,003	445	505		
Oneida	4,663	5,783	75	85	28,636	71,044	147	440	2,919	2,861	250	343	13	48	
Owyhee	3,592	4,103	18	27	4,477	13,984	6	30	4,998	5,625	297	467	203	296	
Shoshone	2,308	3,176					114	202	1,000	1,572	315	356	22	23	
Washington	10,833	12,067	2	2	10,862	37,960	520	905	6,052	7,921	5,546	7,007	176	280	25
Coeur d'Alene ²	1,184	690			1,062	2,347	7	8	1,138	1,195	2,540	2,724	738	444	
Fort Hall ²	1,260	1,989									10	20	48	30	
Lemhi ²											488	543			

¹ Island.² Indian reservation.

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

ILLINOIS.

COUNTIES,	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.			
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.	Corn stalks.		
	The State.....	198,609	227,528	65,625	111,176	9,290	9,572	362,044	438,887	2,441,208	2,702,546	142,248	182,337	121,626	216,517	307,648
Adams.....	116	148	328	453	6	10	15,498	18,830	42,761	52,481	1,476	1,573	2,837	4,869	8,679	
Alexander.....	11	11	9	19	99	341	548	861	1,684	2,070	16	22	19	42	2	
Bond.....			195	211			2,239	2,438	26,128	23,958	1,216	1,325	232	363	1,197	
Boone.....	2,809	3,460	2,645	5,091			76	100	16,848	21,804	1,720	1,185	6,820	9,004	9,143	
Brown.....	22	24	136	210			5,160	7,562	11,507	17,459	1,680	2,585	104	147	1,708	
Bureau.....	4,401	6,888	745	1,699	5	6	624	796	50,889	60,965	571	821	1,515	3,569	767	
Calhoun.....	71	110	7	11			1,142	1,318	2,551	3,208	56	63	1,533	1,078	595	
Carroll.....	1,258	1,841	867	1,484	3	4		200	274	25,680	34,020	331	501	4,580	8,886	8,783
Cass.....	421	523	925	414			1,719	2,483	5,322	7,412	200	224	187	200	5	
Champaign.....	782	1,254	462	867	5	8	5,493	6,909	20,924	26,719	1,458	1,714	285	637	1,057	
Christian.....	82	90	127	196			8,155	8,783	42,452	52,581	2,318	3,083	357	493	1,765	
Clark.....		47	54	14	21		3,416	4,661	34,775	37,918	3,815	4,045	1,054	1,243	117	
Clay.....	25	15	261	254	24	24	910	1,032	38,284	31,369	8,192	8,289	532	645	449	
Clinton.....	47	42	169	203			4,415	4,786	21,805	19,128	1,097	1,035	902	2,005	581	
Coles.....	666	504	1,031	1,963			5,541	8,919	22,601	27,901	1,790	2,301	3,190	2,948	55	
Cook.....	40,763	87,884	8,220	5,713			317	321	61,051	66,107	732	1,170	3,801	13,784	12,767	
Crawford.....	120	230	100	146			8,042	8,706	25,964	27,668	477	649	548	648	1,622	
Cumberland.....	10	10	114	97			983	1,475	39,192	31,194	1,701	2,021	1,586	1,567	3,170	
Dekalb.....	8,846	4,837	1,829	2,520			236	343	46,516	52,726	2,795	6,591	7,548	7,548	7,166	
Dewitt.....	68	46	95	156			2,460	8,161	10,611	12,916	340	404	110	158	18	
Douglas.....	80	90	704	1,219	3	4	3,169	4,088	10,782	12,242	429	544	841	444	78	
Dupage.....	7,900	8,186	958	1,909	128	110	856	1,124	22,885	27,477	268	439	5,005	11,193		
Edgar.....		486	1,527	5	5		7,262	10,157	21,987	27,711	951	1,250	109	369	768	
Edwards.....	14	14	31	48	3	5	3,182	3,313	9,996	11,123	1,896	1,570	78	188	218	
Effingham.....	41	37	75	79	2	1	249	277	40,977	33,970	918	856	786	1,080	3,188	
Fayette.....	148	148	885	410	8	8	1,298	1,375	56,199	46,188	1,478	2,001	1,528	2,482	3,766	
Ford.....	86	40	306	521			3,794	8,507	14,888	15,384	517	551	450	854	3,025	
Franklin.....	671	630	77	124	2	3	4,121	4,812	16,249	17,707	4,048	4,476	455	688	280	
Fulton.....	178	228	890	1,556	35	100	13,150	19,249	31,829	46,835	879	1,411	1,169	1,642	6,870	
Gallatin.....	18	13	666	908	4	8	4,322	5,025	3,246	4,406	602	498	216	468	808	
Greene.....	59	67	172	294			4,701	7,050	15,860	23,767	890	1,012	581	918	3,864	
Grundy.....	7,283	6,682	886	644			715	428	18,144	12,086	198	221	186	369	-----	
Hamilton.....	410	608	19	25			5,516	5,968	14,670	15,109	5,659	7,115	1,028	1,502	776	
Hancock.....	2,668	2,478	8,844	8,329	2	6	4,752	6,371	66,946	83,957	1,060	1,422	821	1,179	2,069	
Hardin.....	187	116	175	206			1,726	1,690	1,199	1,195	147	170	926	512	82	
Henderson.....	1,020	1,406	213	362	3	6	1,300	1,052	13,906	18,557	404	483	124	846	107	
Henry.....	7,164	9,921	1,618	8,110	7	20	743	981	48,658	52,056	749	1,101	5,084	7,003	1,060	
Iroquois.....	1,869	1,495	909	1,399	52	103	5,692	5,221	88,876	84,800	891	1,110	299	464	592	
Jackson.....	101	101	860	418			4,851	4,650	7,790	8,071	4,545	5,559	1,852	2,186	545	
Jasper.....	14	20	41	39			552	750	44,319	41,070	641	702	560	959	753	
Jefferson.....	17	10	104	116			2,866	2,604	38,807	38,788	5,502	5,911	8,900	2,065	547	
Jersey.....		103	180	10	20		4,750	5,884	7,449	9,075	307	366	94	108	2,483	
Jo Daviess.....	2,344	5,001	499	862			683	687	38,289	47,611	1,885	1,959	3,945	4,768	6,770	
Johnson.....	60	80	11	17			7,360	6,434	8,058	4,777	2,585	2,837	102	158	28	
Kane.....	8,946	4,815	2,618	4,895			318	321	35,261	41,157	582	1,112	7,118	21,605	10,554	
Kankakee.....	18,677	15,448	1,081	1,812			535	655	35,488	31,994	1,067	1,854	1,000	2,876	5,098	
Kendall.....	2,413	2,894	510	880			281	348	20,485	28,072	961	1,705	1,800	1,76		
Knox.....	68	108	728	1,385			4,420	4,980	31,887	39,948	2,066	3,884	407	811	1,104	
Lake.....	19,862	20,651	8,602	6,450	7,846	7	7,368	412	771	28,705	27,637	1,876	3,588	10,822	14,958	
LaSalle.....	3,693	4,071	1,678	2,504	174	275	665	789	57,055	50,925	1,208	1,856	506	1,187	1,222	
Lawrence.....	388	221	149	241			6,461	7,915	14,800	17,089	1,845	1,728	2,486	2,805	3,065	
Lee.....	5,961	8,608	1,079	1,975			1,156	207	33,401	47,188	1,482	2,068	4,402	6,288	9,054	
Livingston.....	8,156	2,692	1,108	2,021	426	556	2,161	1,908	32,812	29,129	711	898	410	1,015	255	
Logan.....	2	8	91	177	15	18	3,911	2,688	12,208	10,710	288	436	176	518	277	
McDonough.....	1,363	1,082	337	672			6,436	8,991	30,623	48,895	466	765	948	12,417		
McHenry.....	14,402	18,416	4,838	8,188	41	61	265	334	34,982	42,831	574	972	8,824	12,006	14,082	
McLean.....	793	800	411	677	36	35	7,117	8,408	36,614	40,826	906	1,898	319	851	5,507	
Macon.....	91	145	251	448	1	2	6,228	8,141	11,690	15,646	762	1,139	841	654	264	
Macoupin.....			841	382			5,766	5,922	38,480	44,581	2,051	2,184	381	658	5,074	
Madison.....	19	30	828	421	17	10	12,979	17,017	20,084	24,880	3,287	3,926	1,861	2,017	5,781	
Marion.....	95	68	210	219			421	460	47,007	37,484	2,482	2,897	1,706	1,888	548	
Marshall.....	583	615	184	389	2	1	11,141	1,420	12,185	14,398	1,415	1,658	178	754	200	
Mason.....	1,281	1,588	384	458			1,356	1,761	8,087	9,712	446	598	624	936	748	
Massac.....	1	40	90	118			4,963	4,984	8,463	8,747	2,154	2,494	481	681	782	
Menard.....	50	80	208	468			1,958	2,884	11,855	14,687	596	914	206	890	4,291	
Mercer.....	1,464	2,907	786	1,584			2,206	2,827	23,208	28,442	2,302	2,940	320	958	493	
Monroe.....	1	24	25	54	7	81	4,568	5,240	28,026	33,986	8,883	1,368	1,068	2,452	8,385	
Montgomery.....	41	41	206	288	6	4	2,087	2,268	51,695	50,865	1,376	1,685	488	680	105	
Morgan.....	97	114	225	349	6	8	3,158	4,267	14,679	21,247	617	157	429	621		
Moultrie.....			1,163	2,099	5	5	3,894	5,488	6,491	9,080	60	76	457	328	2,306	
Ogle.....	2,007	2,046	2,421	4,810			8,504	8,885	38,147	36,874	8,151	3,842	746	2,127	10,487	
Pecoria.....	1,205	1,086	846	1,348	7											

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

ILLINOIS—Continued.

COUNTIES,	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.	Corn stalks.	
	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	
Rock Island	4,270	6,485	1,073	1,718	13	16	918	1,205	25,118	33,187	633	1,059	182	416	1,459
St. Clair	1	2	136	196	5	5	18,943	21,841	18,376	16,630	1,588	1,998	889	671	2,295
Saline			20	35			5,082	5,188	11,284	11,935	1,602	2,342	797	1,141	.
Sangamon			378	638	20	80	3,886	5,909	26,617	38,759	633	1,005	262	408	750
Schuyler	73	115	279	413			9,448	14,415	18,861	22,056	611	1,009	734	1,109	4,539
Scott	218	288	67	114	4	16	660	946	5,528	9,000	542	850	8,887	4,007	5,681
Shelby	65	41	738	1,194	12	24	4,331	5,674	56,420	59,689	8,924	4,768	2,077	4,450	2,506
Stark	44	55	84	142	4	12	706	867	12,478	14,724	308	489	372	8,727	1,218
Stephenson	2,290	3,199	1,054	3,304			469	908	27,451	35,569	789	1,075	2,193	3,412	6,995
Tazewell	406	620	354	598			3,177	3,933	28,480	28,673	507	864	148	260	4,802
Union	62	59	200	305	3	2	5,128	6,050	5,180	6,842	1,796	2,348	1,158	8,339	858
Vermillion	317	337	1,058	1,837	36	39	6,427	8,581	29,598	34,018	2,331	2,825	723	1,312	2,378
Wabash			21	25			3,708	4,876	6,502	7,928	892	966	618	968	1,616
Warren	262	210	483	846	8	12	2,727	2,026	24,488	30,983	441	594	322	821	4,485
Washington	98	80	100	106			4,952	5,702	10,056	8,856	1,928	2,182	1,438	1,892	10
Wayne	49	58	144	167	3	8	3,082	3,877	51,450	48,705	2,024	2,287	622	658	1,338
White	7	12	214	400			7,356	8,705	10,036	11,707	1,387	1,887	209	881	181
Whiteside	12,828	19,931	2,062	4,712			612	725	33,399	41,484	2,344	3,904	2,059	4,537	14,541
Will	8,371	8,032	1,867	8,002	15	20	253	244	56,386	51,302	1,023	1,259	1,786	3,099	11,719
Williamson			127	170	31	33	7,410	7,768	11,951	13,541	3,869	8,980	721	846	202
Winnebago	5,203	5,732	2,078	4,341	16	19	666	636	34,344	35,423	1,596	3,106	985	1,629	5,897
Woodford	62	64	201	385	22	22	2,818	3,192	14,018	16,746	343	662	21	31	178

INDIANA.

The State	187,721	156,329	21,273	30,203	844	1,206	776,810	955,811	1,365,815	1,555,764	67,757	87,215	72,194	119,020	564,770
Adams	10	12	29	29			5,929	7,716	22,717	25,518	399	511	1,835	3,075	24,338
Allen	88	111	343	520			2,210	2,284	49,344	46,872	965	936	888	1,329	18,763
Bartholomew	2	5	125	182			12,173	16,342	14,375	16,048	1,559	1,477	381	445	594
Benton			96	161			1,442	1,547	14,208	14,155	668	905	805	460	2,107
Blackford			83	113	15	24	3,150	4,208	8,600	9,356	330	370	189	297	4,247
Boone			104	185			15,750	21,678	16,690	28,261	1,748	2,315	517	1,005	11,586
Brown	2	1	287	198			3,476	3,276	11,145	10,128	237	176	81	164	922
Carroll	228	327	240	447			8,450	10,504	10,376	14,210	614	868	62	173	6,260
Cass	176	195	385	657			12,103	15,184	10,994	14,021	663	1,120	4,459	8,185	8,304
Clark	2	1	382	452	17	17	6,466	7,298	12,122	11,739	992	1,111	110	124	5,285
Clay	44	50	95	265	10	10	5,103	6,629	24,748	29,985	1,232	1,573	122	158	1,265
Clinton	193	88	202	492	4	6	10,667	13,743	10,076	14,251	267	831	194	317	13,774
Crawford			44	55			4,217	4,016	7,574	7,001	118	137	77	96	3,601
Daviess	10	15	186	222	3	4	8,978	10,926	14,868	15,885	299	334	425	686	2,014
Dearborn			99	143	160	272	4,491	5,179	24,225	26,001	955	888	229	338	3,997
Decatur			58	100			8,592	10,020	19,464	28,371	1,782	2,373	1,495	1,723	12,030
Dekalb			140	225			4,961	5,455	25,670	27,604	435	513	292	388	14,954
Delaware	10	10	240	457	29	64	14,518	19,487	17,428	19,202	1,671	2,441	8,036	10,836	10,166
Dubois			58	60			12,419	13,093	10,922	12,228	171	200	196	309	4,141
Elkhart	638	657	646	772	62	74	13,026	17,058	17,295	19,777	602	699	1,806	2,436	17,534
Fayette			40	50			5,194	6,388	5,916	7,012	302	373	246	488	788
Floyd	4	4	144	236	12	28	2,292	2,916	6,734	8,239	142	205	75	129	8,834
Fountain			248	411	2	3	5,091	6,294	15,424	18,741	355	568	20	32	5,838
Franklin	32	42	109	165	1	2	8,641	9,529	11,300	12,209	303	408	271	617	4,205
Fulton	492	590	294	473	47	52	11,046	13,465	10,937	13,402	1,176	1,688	687	928	8,231
Gibson	1	1	755	1,095	11	16	7,099	8,582	8,474	11,274	1,890	2,383	989	1,811	1,192
Grant			207	395			8,848	11,575	20,634	28,828	366	447	306	591	8,059
Greene			297	266			8,266	10,198	26,215	27,528	131	186	130	230	831
Hamilton	12	12	83	153			14,659	20,479	15,077	19,288	659	719	159	551	4,715
Hancock			181	190			9,734	11,000	10,288	13,169	1,068	1,931	201	387	486
Harrison	3	3	118	148	4	6	9,052	9,818	10,408	11,204	209	282	445	422	12,598
Hendricks	8	12	117	174			14,981	20,519	12,301	15,977	1,970	2,997	478	1,093	6,035
Henry			71	186			19,517	25,028	8,840	11,052	513	509	807	1,248	2,056
Howard	83	86	62	119	65	106	10,820	13,902	8,471	12,555	642	982	2,620	5,044	4,587
Huntington	7	7	81	117	1	2	5,408	5,989	21,888	21,779	638	615	8,066	8,993	6,047
Jackson			267	121	242		9,033	10,815	18,427	18,648	2,700	2,585	113	206	3,252
Jasper	27,581	30,319	519	621			580	991	25,267	21,628	378	493	108	268	810
Jay	190		217	64	105		10,351	18,592	28,908	26,249	529	799	2,458	8,182	21,420
Jefferson			69	93			8,858	10,776	10,698	12,188	795	918	94	155	4,007
Jennings			32	33			7,779	8,405	17,688	17,632	356	404	22	52	8,210
Johnson	6	6	270	475	58	96	19,292	20,862	6,581	9,101	869	671	705	1,206	6,993
Knox	84	48	517	704	15	15	11,912	16,091	10,192	12,875	803	382	98	231	9,902
Kosciusko	448	659	182	208	8	4	19,901	24,240	18,000	16,741	560	745	56	106	9,082
Lagrange	194	238	97	119	26	28	12,916	15,081	18,237	14,716	143	214	8,422	3,660	8,932
Lake	11,699	14,651	768	1,026			560	658	42,276	48,110	477	751	877	1,936	5,677
Laporte	28,														

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

INDIANA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.	Corn stalks.	
													Acres.	Tons.	
Newton	5,600	5,777	225	264			647	681	12,410	13,188	101	120	538	1,745	64
Noble	195	210	06	150			14,321	17,059	18,819	16,195	528	706	186	230	12,365
Ohio			2	4			966	1,203	6,393	6,874	22	29	6	21	2,944
Orange	3	8	392	385			8,772	9,312	8,171	7,593	210	171	223	272	3,888
Owen	2	3	397	448	7	15	4,081	4,408	21,686	20,269	436	531	145	142	3,750
Parke	20	20	45	64	7	14	7,224	9,130	15,028	20,644	401	568	1,457	2,301	1,327
Perry	4	4	86	47	3	9	6,781	6,866	5,179	5,297	191	180	59	68	6,362
Pike	12	15	120	182			6,420	7,045	10,768	12,091	888	952	200	222	958
Porter	14,857	15,625	950	1,341	22	22	4,000	4,562	10,930	30,401	848	1,084	1,656	2,680	2,904
Posey	16	24	135	160	1	2	10,410	12,912	4,882	6,610	456	774	980	2,048	1,328
Pulaski	8,328	8,979	895	580			2,821	3,582	11,997	13,634	350	426	416	698	3,032
Putnam			83	84			15,188	18,069	18,290	20,011	1,380	2,270	219	251	938
Randolph			102	115	34	39	15,256	16,719	17,521	17,521	1,263	1,322	5,923	5,981	5,283
Ripley	6	5	35	50			5,702	6,707	28,317	32,928	514	716	117	225	1,542
Rush			40	78			16,517	23,277	8,495	11,717	1,438	2,043	227	322	1,137
St. Joseph	4,011	5,172	860	1,026	17	21	12,446	13,849	15,403	16,419	633	667	658	1,199	17,638
Scott			9	9			5,900	6,592	5,006	5,221	49	45	75	9,477	
Shelby	139	176	195	348	19	36	15,226	20,194	8,306	11,399	1,416	1,980	413	655	3,144
Spencer	83	49	77	88			10,164	10,785	11,725	13,549	927	1,107	637	664	8,086
Starke	26,103	31,288	460	585	25	34	743	924	3,869	4,978	284	422	139	903	117
Steuben	356	388	59	88	16	47	9,863	11,119	14,962	17,860	150	198	119	239	5,841
Sullivan	268	658	131	194			10,115	14,195	18,829	28,028	1,153	1,028	95	168	4,211
Switzerland			53	68	3	8	4,347	4,608	12,536	11,914	122	118	70	84	6,995
Tipppecanoe	25	25	499	849	3	4	6,090	6,409	19,344	21,841	783	945	462	1,163	8,462
Tipton			236	615			7,772	12,251	8,709	14,878	449	677	468	884	4,588
Union			16	20			6,487	7,143	2,279	3,682	448	571	210	277	585
Vanderburg	3	8	180	144			8,843	9,993	7,875	11,011	713	1,381	891	1,939	707
Vermilion			75	115			8,706	5,029	6,816	8,846	688	817	382	418	1,815
Vigo	340	414	111	153	14	21	7,013	9,208	16,761	20,856	1,224	1,662	620	1,280	57
Wabash	2,500	1,721	308	510	14	19	7,646	8,250	22,474	29,926	774	812	1,525	4,587	22,257
Warren	172	152	147	223			2,608	8,127	10,186	11,366	844	897	1,819	927	
Warwick	21	21	65	68	4	4	11,715	18,041	9,788	12,272	709	906	257	347	553
Washington	160	149	159	178	3	3	9,592	11,728	18,028	19,768	166	189	186	361	8,484
Wayne			117	204	15	18	12,739	14,775	18,351	15,338	1,098	1,422	374	938	7,286
Wells	49	48	121	165			5,950	7,925	26,351	29,991	833	413	748	1,197	22,429
White	1,681	1,981	433	608			2,248	2,027	22,081	24,965	417	542	3,822	6,658	1,223
Whitley	38	32	198	280			5,244	5,808	17,479	19,040	132	199	178	265	10,097

INDIAN TERRITORY.

The Territory..	356,180	893,963	16,885	28,728	946	2,545	158	244	2,311	2,739	4,009	6,600	19,903	45,700	3,830
Cherokee ¹	202,006	224,902	2,419	3,592			110	136	802	1,016	2,201	4,026	6,516	14,868	1,095
Chickasaw ^w ¹	34,816	34,678	11,523	20,896	628	1,905			1,059	1,170	912	1,158	7,747	18,262	224
Choctaw ^w ¹	21,846	28,205	1,615	1,960			8	8	204	255	263	316	265	526	186
Creek ¹	80,122	92,620	1,234	2,126	318	640			42	46	628	1,000	5,155	11,660	1,712
Modoc, Shawnee, and Ottawa ²	2,181	2,969	8	12			8	6	172	201	5	10	32	64	111
Quapaw and Peoria ²	12,239	12,593	34	58							156	359	21	37	168
Seminole ³	2,784	2,730	22	25											.....
Seneca, and Wyandotte ²	242	366	80	59					32	51			11	24	.....

IOWA.

The State....	1,233,135	1,638,182	161,777	321,732	2,298	6,252	148,720	229,826	2,838,095	3,823,183	86,944	156,001	178,400	425,483	251,702
Adair.....	8,514	18,016	851	1,856			1,760	2,985	36,977	48,058	458	697	1,613	4,805	109
Adams.....	3,568	5,168	577	1,251			1,842	2,916	31,682	45,874	480	910	646	2,279	2,288
Allamakee.....	1,296	2,281	248	405	4	2	5,487	8,200	35,930	48,958	987	1,287	420	691	3,217
Appanoose.....	1,340	2,003	4,041	5,308	4	5	771	824	58,468	62,044	594	616	97	193	1,010
Audubon.....	7,011	13,133	1,423	3,344	20	22	3,018	5,965	15,357	22,907	1,276	2,362	482	1,285	1,812
Benton.....	12,440	16,258	1,740	3,326	12	14	597	978	41,125	54,627	1,420	2,768	1,280	2,881	7,479
Blackhawk.....	11,901	14,504	2,684	5,221	6	10	278	890	33,717	51,044	1,144	1,984	6,716	14,604	3,001
Boone.....	27,150	32,304	2,958	4,781	80	40	580	790	15,417	19,274	606	1,450	603	1,545	1,102
Bremer.....	21,296	28,984	535	877			196	246	21,575	26,405	191	315	8,042	17,385	2,046
Buchanan.....	18,810	19,285	887	1,518	4	2	149	157	30,045	50,562	2,557	5,924	10,721	20,047	10,803
Buena Vista.....	26,416	37,377	1,807	3,808	6	14	2,720	4,091	16,739	23,085	297	505	1,349	5,033	1,917
Butler.....	14,495	16,536	2,574	4,205			401	529	20,335	26,582	1,388	2,507	3,701	8,966	1,872
Calhoun.....	31,607	40,711	1,859	3,828	7	9	1,441	1,916	16,941	21,972	519	1,925	749	2,017	925
Carroll.....	17,083	28,842	1,586	3,497			1,075	1,768	24,851	42,146	582	1,228	686	1,344	83
Cass.....	3,862	6,593	775	1,846	2	4	1,373	2,030	29,208	47,519	395	724	1,527	3,170	80
Cedar.....	670	911	1,048	2,088	8	10	628	892	35,278	54,109	8,310	5,058	1,743	3,594	851
Cerro Gordo.....	15,623	18,592	1,631	2,931			1,192	1,930	28,698	33,873	586	1,172	1,380	4,828	4,532
Cherokee.....	15,562	21,471	2,566	5,116	16	50	3,681	6,477	17,072	28,477	479	1,082	1,059	4,251	321
Chickasaw.....	14,351	18,434	541	1,077	3	7	216	368	24,944	36,067	495				

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1890, BY COUNTIES—Cont'd.

IOWA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Clay.....	27,837	88,495	2,454	4,705	305	585	17,564	28,956	322	445	792	2,363	466		
Clayton.....	2,550	8,464	909	1,619	4,872	6,708	48,619	59,450	906	1,454	1,326	2,921	7,982		
Clinton.....	5,061	7,554	4,230	8,121	6	19	1,362	1,620	46,625	60,744	2,739	4,864	1,820	4,181	3,072
Crawford.....	12,256	18,067	4,269	8,706	25	38	3,584	22,434	36,921	1,952	8,728	5,599	16,389	679	
Dallas.....	16,582	20,752	1,091	2,598	6	16	1,465	1,841	32,817	39,961	269	569	2,418	6,216	599
Davis.....	167	282	2,499	8,397	8	16	282	419	54,766	56,930	888	807	258	445	2,442
Decatur.....	1,896	1,860	1,955	3,193	501	621	58,323	68,581	669	904	458	829	3,465		
Delaware.....	9,925	11,629	1,117	2,002	291	398	53,692	46,636	796	1,790	12,188	22,607	8,219		
Des Moines.....	955	1,572	165	287	3	9	1,606	1,849	25,682	35,207	860	1,249	502	1,810	1,239
Dickinson.....	19,212	24,370	1,302	2,425	252	405	12,838	15,534	106	184	173	364	810		
Dubuque.....	2,555	2,395	471	902	3	11	1,814	2,452	58,063	66,970	659	1,118	1,784	4,701	65
Emmet.....	25,198	30,901	1,690	3,023	154	272	7,609	11,008	213	304	799	2,210	410		
Fayette.....	15,569	17,383	919	1,074	3	245	418	48,772	66,008	1,854	2,906	2,221	6,798	16,990	
Floyd.....	7,185	8,666	1,098	1,898	57	626	881	28,704	31,140	1,210	2,845	5,223	11,107	3,752	
Franklin.....	19,322	22,508	1,673	2,808	381	461	19,086	24,639	309	651	6,745	16,205	.....	
Fremont.....	5,950	9,740	678	1,646	102	808	5,801	8,411	12,012	17,909	686	1,336	183	456	1,772
Greene.....	22,432	30,758	1,546	3,546	1,710	2,725	15,779	20,684	575	1,048	368	861	623		
Grundy.....	7,940	9,705	761	1,478	4,945	7,154	23,798	29,939	607	1,389	2,451	6,279	1,078		
Guthrie.....	10,660	14,641	563	1,312	2,637	4,428	28,637	38,826	306	435	708	2,146	808		
Hamilton.....	38,521	42,356	1,560	3,445	1,184	1,409	19,581	24,664	670	1,984	1,906	3,762	627		
Hancock.....	24,468	29,782	605	1,140	357	561	20,874	26,388	225	509	957	1,227	580		
Hardin.....	21,728	25,030	2,903	4,194	574	888	16,521	22,081	602	1,092	4,690	10,506	80		
Harrison.....	21,790	41,501	4,552	11,255	148	411	2,620	4,818	6,690	12,046	384	867	216	554	2,111
Henry.....	7,952	9,295	177	355	16	20	1,552	1,908	80,011	89,141	706	958	241	802	1,017
Howard.....	.....	.....	112	263	717	1,159	30,335	47,180	162	259	1,787	4,618	590		
Humboldt.....	28,608	32,776	1,262	2,511	2	2	804	1,365	16,020	22,688	484	873	212	524	8,669
Ida.....	6,433	9,167	1,581	3,237	80	90	500	761	17,839	26,215	922	674	1,085	8,456	281
Iowa.....	2,490	3,783	1,796	3,678	3	5	269	370	38,361	54,707	3,355	5,245	2,420	5,699	4,344
Jackson.....	2,221	3,335	1,597	2,808	4	6	513	617	45,005	1,239	1,979	4,188	7,654	13,970	
Jasper.....	8,393	4,667	1,880	4,403	.....	.....	2,561	8,084	84,899	42,809	840	1,595	1,707	5,718	5,191
Jefferson.....	40	62	212	336	1,021	1,246	37,463	51,887	467	766	410	1,073	2,187		
Johnson.....	1,521	2,204	1,572	3,637	1	1	742	963	46,068	69,598	946	1,048	1,613	4,665	3,951
Jones.....	1,204	1,601	1,604	3,017	367	688	44,450	56,809	2,778	4,979	8,977	10,854	4,514		
Keokuk.....	617	1,001	1,699	3,149	17	88	700	1,092	41,781	58,784	506	841	8,348	7,400	3,715
Kossuth.....	89,184	101,947	1,018	2,578	1,120	1,608	22,820	27,263	389	702	1,439	3,595	.....	
Lee.....	476	687	599	909	1	1	848	1,082	46,075	55,742	950	1,058	867	602	5,372
Linn.....	7,881	9,500	1,873	3,261	445	614	44,470	64,021	1,643	2,880	1,955	5,254	13,728		
Louisiana.....	1,420	2,822	505	967	506	967	946	1,281	18,216	24,260	994	561	804	5,589	1,002
Lucas.....	1,261	1,855	1,481	2,954	2	4	368	474	40,072	44,616	540	556	588	1,029	1,765
Lyon.....	17,848	23,487	2,418	4,600	5	12	1,183	1,886	5,272	7,594	102	260	535	1,185	120
Madison.....	8,239	4,415	782	1,576	825	1,135	88,348	56,017	1,664	2,888	2,741	7,292	3,285		
Mahaska.....	1,875	1,969	1,665	3,187	1,187	1,624	26,280	34,111	795	1,224	492	984	3,786		
Marion.....	1,092	1,878	1,448	2,593	2,750	8,810	24,086	30,848	813	1,070	5,058	10,405	2,487		
Marshall.....	2,791	3,889	1,438	3,404	918	1,393	27,385	37,880	817	1,681	2,742	7,125	4,728		
Mills.....	6,802	11,977	1,901	3,260	1,088	8,214	4,961	8,793	12,986	20,192	376	654	352	1,440	1,904
Mitchell.....	8,091	3,990	210	881	12	24	902	1,749	27,017	42,200	1,123	1,780	2,791	7,054	3,210
Monona.....	38,052	56,150	4,728	9,848	41	154	804	487	5,025	6,802	1,118	1,806	327	858	140
Monroe.....	496	468	5,382	7,881	10	10	101	114	84,541	89,115	491	509	1,010	870	
Montgomery.....	2,788	4,828	428	950	80	226	8,080	9,321	10,475	28,587	657	1,055	852	1,107	1,123
Muscatine.....	2,110	2,968	844	1,599	594	626	26,185	32,937	823	1,161	1,625	3,710	9,144		
O'Brien.....	18,795	17,580	2,940	6,510	8	16	1,219	1,952	20,818	29,980	627	1,044	2,264	5,168	778
Osceola.....	12,407	14,888	650	1,028	271	392	9,722	14,021	153	214	159	487	1,577		
Page.....	4,162	7,311	607	1,525	45	141	7,021	11,474	24,847	39,205	897	2,155	778	1,977	200
Palo Alto.....	56,599	72,825	1,884	3,217	814	979	12,917	13,344	609	1,674	1,160	8,040	418		
Plymouth.....	27,516	38,403	4,812	11,172	76	175	2,811	8,063	16,030	24,782	167	398	783	2,489	427
Pocahontas.....	37,574	46,494	2,015	3,858	114	168	24,395	28,833	1,494	3,187	542	1,650	785		
Polk.....	18,543	26,051	2,558	6,032	8	29	3,224	4,228	22,188	30,815	1,084	1,728	1,911	5,589	518
Pottawattamie.....	18,911	33,181	8,596	18,741	285	569	6,872	11,004	21,881	38,896	1,287	2,509	656	2,017	1,656
Poweshiek.....	1,888	2,933	2,176	4,798	8	12	589	781	39,145	50,526	2,399	5,866	5,727	12,221	5,163
Ringgold.....	2,304	2,495	2,133	8,780	.....	.....	635	778	54,986	67,706	1,213	2,044	1,809	4,201	1,955
Sac.....	16,152	25,657	1,998	4,140	10	20	1,028	1,713	24,958	42,889	485	891	2,805	7,850	366
Scott.....	4,343	5,936	1,438	2,732	1,681	2,378	26,883	34,726	1,617	1,884	579	2,812	1,605		
Shelby.....	9,088	17,884	2,770	6,256	57	162	3,655	5,762	17,030	29,050	1,008	2,016	668	2,000	1,651
Sioux.....	19,966	28,669	1,875	4,238	2,268	4,217	15,668	25,655	453	887	422	1,204	228		
Story.....	15,461	17,588	2,123	4,602	8	8	787	1,155	22,877	36,125	1,138	2,355	1,304	2,803	2,815
Tama.....	8,269	12,139	2,529	4,520	1,819	2,085	86,268	50,416	843	1,721	1,576	3,545	4,784		
Taylor.....	1,993	2,991	630	1,381	1	2	2,746	3,629	42,965	58,413	1,518	2,404	1,267	3,008	392
Union.....	1,267	1,656	432	923	8	30	829	417	40,720	58,108	630	1,270	389	871	2,620
Van Buren.....	126	126	412	570	3	7	1,162	1,493	47,811	68,163	817	442</td			

STATISTICS OF AGRICULTURE.

 TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.
 KANSAS.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.	Corn stalks.	
The State.	2,165,174	2,291,173	349,906	670,770	267,376	601,624	160,895	214,199	265,103	337,536	94,936	223,048	1,041,447	2,728,321	168,465
Allen.	33,395	33,142	5,711	8,123	146	236	2,708	3,375	3,955	4,889	338	463	4,025	13,230	413
Anderson.	46,430	40,631	1,266	2,105	255	455	6,372	8,128	11,635	13,203	1,745	8,912	10,304	22,910	4,707
Atchison.	6,120	7,671	1,841	3,497	92	135	10,527	13,376	12,232	15,046	513	1,086	2,450	7,925	237
Barber.	5,309	6,578	652	1,351	724	1,895	84	134	2,072	6,288	68,447	163,150	518		
Barton.	20,412	23,592	990	2,207	2,089	5,628	9	17	1,046	2,125	611	941	13,466	38,757	90
Bourbon.	36,625	38,382	2,337	3,582	115	350	8,816	4,359	11,187	12,201	689	1,532	2,328	6,546	3,079
Brown.	6,008	8,006	759	1,627	326	776	5,960	9,343	16,948	23,543	561	919	2,368	6,443	1,652
Butler.	143,969	104,636	12,853	21,266	12,727	35,097	51	113	402	576	3,463	8,266	19,994	56,910	5,474
Chase.	24,461	24,759	2,036	4,346	8,789	18,145	250	240	174	248	2,974	10,388	13,032	37,518	1,926
Chautauqua.	28,948	30,807	2,268	8,410	3,380	7,880	140	264	169	277	417	995	6,256	12,358	1,844
Cherokee.	32,660	43,441	1,102	1,510	6	10	222	670	7,292	8,390	695	1,301	3,704	8,152	890
Cheyenne.	5,575	4,423	985	744	587	1,143	.....	.....	11	11	178	60	1,024	1,095	169
Clark.	2,538	2,759	1,002	2,021	564	1,694	.....	.....	95	110	84	120	15,737	39,831	60
Clay.	22,989	27,812	3,035	7,066	355	905	211	453	971	1,184	1,018	2,290	12,869	39,706	1,747
Cloud.	15,600	16,952	4,177	8,977	7,567	19,599	18	35	828	1,558	1,206	8,270	9,701	26,637	4
Coffey.	54,677	57,817	2,575	5,035	639	1,433	4,078	5,206	2,485	3,447	520	1,599	14,497	42,912	1,087
Comanche.	1,605	1,819	134	131	70	134	.....	.....	233	423	2,022	5,688	10,038	31,825	255
Cowley.	45,926	50,044	5,471	10,297	3,832	6,321	100	226	8,347	10,540	1,317	3,934	8,304	360	
Crawford.	31,562	35,269	1,478	2,642	41	97	1,145	1,464	159	236	523	771	4,083	9,000	239
Decatur.	8,288	9,661	5,803	8,742	4,187	9,109	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dickinson.	39,916	49,865	5,566	11,460	4,265	10,524	150	298	248	380	5,227	18,424	16,214	50,650	326
Doniphan.	1,547	2,344	462	913	76	246	5,596	13,555	6,019	11,496	262	442	603	1,169	1,057
Douglas.	16,018	17,878	980	2,121	408	986	7,800	9,262	10,518	14,364	671	1,321	4,678	14,068	5,839
Edwards.	9,193	10,243	3,942	7,786	4,491	6,290	.....	.....	149	280	423	689	12,327	31,870	.....
Elk.	34,932	37,234	4,521	8,581	2,262	4,581	433	393	735	969	2,826	5,888	10,972	28,126	1,559
Ellis.	8,895	7,257	4,608	9,781	353	665	.....	.....	60	73	386	400	10,517	28,376	70
Ellsworth.	12,168	22,036	79	170	470	1,265	2	3	85	95	561	2,094	20,814	60,021	642
Finney.	8,865	8,289	808	1,423	15,595	32,275	.....	.....	160	410	227	670	26,227	57,787	50
Ford.	9,676	10,671	2,410	4,076	6,536	15,010	.....	.....	9	18	305	762	12,361	34,430	523
Franklin.	24,864	27,827	2,917	6,687	220	517	11,491	13,670	14,073	15,974	1,087	2,800	8,070	20,491	4,914
Geary.	20,597	22,764	1,749	3,579	975	2,469	12	24	27	37	248	285	9,309	22,887	14,888
Gove.	4,414	4,570	2,800	4,882	1,661	3,372	.....	.....	671	1,405	574	824	4,818	8,857	50
Graham.	10,094	10,587	4,044	6,398	1,126	1,615	21	25	.....	.....	584	689	3,242	6,588	1,740
Grant.	1,364	1,470	.....	.....	10	20	.....	.....	107	278	177	374	2,508	8,384	.....
Gray.	1,949	2,090	619	1,336	3,025	8,484	.....	.....	.....	.....	.....	.....	7,162	17,111	185
Greeley.	187	186	4	3	.....	.....	4	6	.....	.....	.....	.....	1,597	8,077	.....
Greenwood.	60,055	59,014	3,982	8,052	7,817	19,104	404	722	585	901	1,299	3,913	31,786	89,733	3,011
Hamilton.	4,135	3,886	.....	.....	8,200	5,487	.....	.....	.....	.....	55	80	4,397	8,310	
Harper.	6,803	8,505	853	1,463	120	184	10	10	1,814	3,123	584	989	22,414	45,958	197
Harvey.	25,731	29,404	1,253	2,332	3,219	6,551	8	15	284	262	125	239	7,143	18,924	180
Haskell.	156	187	3,243	6,704	120	250	11	8	265	188	955	1,444	3,271	6,605	.....
Hodgeman.	9,768	4,223	3,243	6,704	120	250	11	8	265	188	955	1,444	9,797	31,825	.....
Jackson.	27,815	28,665	6,221	18,018	526	1,221	11,360	15,269	10,196	14,043	1,182	2,904	4,464	12,641	800
Jefferson.	16,970	19,702	4,169	8,427	350	854	11,606	14,232	12,111	16,143	2,583	6,796	14,374	37,747	1,074
Jewell.	25,804	21,475	15,221	31,506	13,547	31,415	48	120	241	425	710	1,500	6,573	22,731	1,565
Johnson.	5,618	6,027	761	1,136	85	67	9,605	11,321	25,037	28,121	701	1,454	6,815	9,707	3,006
Kearny.	3,329	3,147	58	143	6,086	11,222	155	300	20	292	3,321	2,392	4,047	16,554	35,111
Kingman.	23,205	23,688	1,222	2,143	307	980	18	26	407	782	1,638	4,047	15,554	35,111	700
Kosciusko.	5,632	10,786	1,007	2,256	141	475	3	4	797	707	1,487	10,132	30,657	40,988	.....
Lafette.	24,566	27,842	3,030	4,618	77	194	1,042	1,064	2,831	8,680	1,307	2,543	4,618	9,488	443
Lane.	2,509	3,116	379	742	590	1,166	55	70	6	8	102	109	4,176	7,691	.....
Leavenworth.	8,033	9,627	1,794	8,264	212	458	9,425	14,004	18,059	19,980	1,906	3,189	2,082	5,382	2,569
Lincoln.	21,368	29,307	655	1,487	8,176	7,249	20	47	25	44	1,678	3,915	13,248	34,450	118
Linn.	18,103	19,514	1,543	2,747	78	125	8,095	10,045	18,728	15,765	783	1,929	6,003	12,126	930
Logan.	8,003	8,630	1,287	1,408	402	709	25	18	18	65	62	4,161	5,463	5,463	.....
Lyon.	60,233	63,774	5,692	12,696	9,268	22,002	878	541	1,034	2,001	8,952	14,103	81,647	112,828	2,302
McPherson.	31,562	32,902	8,969	7,572	14,726	14,759	57	101	1,090	1,370	1,916	3,787	14,472	44,352	295
Marion.	88,124	89,300	9,805	18,987	6,896	13,449	44	86	472	582	1,498	8,046	18,863	64,586	2,696
Marshall.	40,612	46,831	11,763	25,443	1,771	4,078	1,924	8,400	2,203	8,527	639	1,306	5,886	19,988	745
Meade.	5,752	6,684	1,414	2,857	2,906	5,903	18	84	198	406	9,198	9,321	22,276	.....	.....
Miami.	18,081	15,342	1,596	3,068	102	227	11,280	12,880	20,900	23,905	919	2,613	3,465	9,771	1,718
Mitchell.	14,134	14,020	3,653	8,571	8,596	23,865	41	115	89	186	411	886	12,585	35,770	6,000
Montgomery.	23,136	26,300	1,761	8,826	868	939	146	234	441	442	1,011	4,135	9,101	401	
Morris.	51,178	51,288	14,287	27,871	1,311	8,163	874	821	156	296	2,104	5,984	23,911	82,723	1,653
Morton.	1,310	1,305	7	21	406	1,010	.....	.....	.....	.....	1,436	2,276	4,821	4,821	.....
Nemaha.	27,667	35,450	11,663	25,028	2,100	4,836	5,976	9,199	8,296	11,948	761	1,452	2,771	8,572	1,893
Nescoho.	90,036	85,059	4,392	7,807	56	140	736	1,185	2,192	2,822	580	5,119	9,771	75	
Ness.	4,970	5,906	4,227	8,001	341	522	107	200	103	240	8,471	8,893	11,270	31,908	

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.
KANSAS—Continued.

COUNTIES,	WILD, SALT, AND PRAIRIE GRASSES,		MILLET AND HUNGARIAN GRASSES,		ALFALFA, OR LUCERN,		CLOVER,		OTHER TAME AND CULTIVATED GRASSES,		GRAINS CUT GREEN FOR HAY,		FORAGE CROPS.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.	Corn stalks.	
Riley	27,376	31,620	6,130	13,663	4,058	11,200	84	155	5,630	8,726	152	262	5,411	16,592	748
Rooks	18,866	19,456	5,720	8,969	946	1,503	20	30	1,111	1,171	482	893	5,094	16,384	20
Rush	5,575	6,944	3,020	5,614	219	584	175	419	8,896	3,093	2,804	8,893	6,412	18,472	819
Russell	17,868	19,150	928	2,373	471	978	9	26	3,121	2,643	2,326	861	21,120	60,835	1,230
Saline	15,657	20,392	1,370	2,738	6,095	15,887	3,121	8,986	8,986	2,015	807	2,015	17,668	46,728	143
Scott	1,682	1,559	2,244	3,275	311	320	2,922	3,712	1,055	771	648	5,291	11,360	686	
Sedgwick	49,418	56,834	2,576	5,069	5,462	12,587	86	74	6,819	1,229	3,275	9,378	25,788	308	
Seward	5,257	6,472	106	106	18	34	6,727	9,170	8,632	1,065	1,095	2,812	5,756	300	
Shawnee	52,239	51,085	3,624	7,195	1,852	4,731	6,819	8,632	384	384	2,141	27,384	6,182		
Sheridan	6,199	6,165	2,943	4,097	3,099	7,469	15	25	258	416	857	2,161	15,058	6,377	34
Sherman	2,518	2,601	1,480	1,228	93	126	20	20	66	71	66	2,141	1,785	100	
Smith	22,701	19,907	15,723	28,708	4,165	7,350	22	21	704	92	102	704	6,245	10,902	262
Stafford	13,617	20,092	1,050	1,888	651	1,290	258	416	857	857	2,161	15,058	34,993	772	
Stanton	62	28	325	15	20	20	20	20	66	66	66	3,508	6,069	4,557	
Stevens	702	704	192	325	15	20	416	416	416	416	416	416	8,714	4,557	
Summer	19,442	22,862	1,541	2,700	1,841	3,702	57	100	868	1,005	793	1,741	11,387	30,789	318
Thomas	1,708	1,487	2,850	3,812	582	1,297	383	383	1,221	1,235	5,371	6,847	2		
Trego	5,736	5,495	2,010	3,430	1,663	3,140	16	43	950	1,060	7,963	17,719	.....	
Waabaunsee	54,750	60,954	8,070	17,983	7,813	21,224	648	1,167	378	464	2,370	7,112	14,626	47,181	12,247
Wallace	4,929	4,083	1,010	1,243	706	1,505	5	5	20	48	66	1,089	1,089	1,089	
Washington	36,410	38,053	9,244	20,132	2,111	4,977	882	719	273	518	441	735	6,298	19,460	515
Wichita	2,500	3,105	717	601	161	289	273	518	7	7	11	2,484	4,083	262	
Wilson	31,962	37,731	6,450	11,883	1,559	3,228	1,254	2,124	810	1,043	1,479	3,110	6,039	13,393	2,296
Woodson	65,647	66,007	1,350	2,429	760	1,708	710	1,055	506	528	275	688	5,994	17,703	11,943
Wyandotte	210	175	248	430	72	161	2,540	4,312	1,541	2,437	250	416	1,570	2,951	712
Kickapoo ¹	1,221	1,399	20	40	4	8	4	8	38	65	63	184	38	92	.....
Potowatomi ¹	2,039	1,959	118	262	28	84	20	22	26	41	41	41	41	41	.....
Sac and Fox ¹	146	163	.....	2	3	20	20	22	26	41	41	41	41	41	.....

KENTUCKY.

The State	6,375	5,550	37,653	37,139	808	1,056	158,110	159,747	403,211	370,461	55,334	56,911	21,648	24,202	121,468
Adair	5	5	564	511	.....	.....	957	667	2,903	2,205	91	85	70	177	2,307
Allen	108	67	602	568	.....	.....	1,312	1,203	1,452	1,277	862	700	382	238	216
Anderson	29	27	8	10	8	8	1,887	1,835	2,462	2,274	56	30	521	562	2
Ballard	3	3	1,835	1,383	.....	.....	1,210	1,383	1,898	2,169	1,548	1,568	186	180	.....
Barren	1	1	370	448	.....	.....	1,367	1,175	3,481	2,610	75	70	32	39	60
Bath	1,064	947	.....	.....	.....	.....	702	692	8,136	3,279	329	331	19	58	1,216
Bell	201	195	334	386	29	32	1,401	1,064	4,413	4,473	33	41	7	9	91
Boone	273	345	8	12	1,544	1,675	11,224	10,191	1,512	1,510	35	35	4,671	1,037	1,810
Bourbon	120	165	.....	.....	1,507	1,800	11,608	12,273	990	1,112	132	162	132	1,924	.....
Boyd	200	257	.....	.....	95	70	1,452	1,391	5,989	5,564	174	181	22	36	13
Boyle	385	362	4	6	2,443	2,704	2,474	2,773	902	1,269	149	292	82	.....	.....
Bracken	19	20	20	32	1,401	1,064	4,413	3,281	529	307	165	88	88	1,037	1,037
Breathitt	62	51	76	71	76	71	340	370	30	24	24	24	24	24	1,810
Breckinridge	5	2	128	159	1,497	1,678	4,293	3,494	172	105	155	92	92	92	92
Buillitt	892	1,001	.....	.....	1,752	1,717	3,800	3,831	4,153	4,153	586	63	63	63	63
Butler	39	25	529	525	504	464	2,671	1,904	801	801	583	156	163	998	998
Caldwell	7	5	11	2	467	459	1,905	2,011	2,011	2,011	126	31	54	317	317
Calloway	17	19	24	26	440	387	3,683	2,808	9,901	9,901	3,206	14	16	49	49
Campbell	29	43	236	284	2,318	2,074	5,852	5,510	5,510	5,510	504	27	204	7,423	7,423
Carlisle	2	3	16	35	799	863	2,636	3,207	1,424	1,424	1,803	77	82	6	6
Carroll	25	30	19	23	1,124	1,339	3,706	4,406	202	202	285	180	121	978	978
Carter	21	21	941	662	605	407	2,823	2,016	75	75	35	66	83	83	83
Casey	198	326	477	449	1,420	1,239	2,690	2,577	424	424	305	447	842	842	842
Christian	12	14	483	504	6,083	5,404	5,955	5,173	1,890	1,890	2,368	674	1,057	3,262	3,262
Clark	470	450	119	128	1,752	1,717	3,800	4,153	461	461	586	63	46	34	34
Clay	16	17	329	299	186	169	1,848	1,169	414	414	382	22	22	210	210
Clinton	173	156	.....	.....	223	183	1,098	1,025	94	94	106	25	37	657	657
Crittenden	24	26	19	20	440	387	3,683	3,282	784	784	835	58	81	86	86
Cumberland	78	82	.....	.....	377	758	3,455	3,282	1,112	1,112	132	132	132	13	13
Davies	24	25	4	2	3,268	3,831	8,916	10,061	301	301	310	86	112	651	651
Edmonson	163	201	57	84	406	400	488	694	675	675	6	8	36	35	117
Elliott	214	206	4	8	377	288	1,067	738	347	347	238	14	35	35	35
Edsill	46	49	606	680	4	13	889	775	355	271	90	84	5	15	.....
Fayette	43	64	869	1,054	10	15	3,768	4,139	8,584	9,833	1,837	2,243	171	384	2
Fleming	17	11	547	628	3	3	3,190	3,071	10,400	6,818	2,638	2,243	4,189	2,128	2,931
Floyd	34	29	59	57	94	81	694	676	675	675	38	60	2	2	197
Franklin	268	289	7	8	1,744	1,732	3,317	3,171	481	481	527	51	104	2,706	2,706
Fulton	15	7	8	10	1,013	1,602	1,206	1,243	651	651	847	34	37	5	5
Gallatin	14	18	9	24	920	1,114	1,902	2,004	125	125	119	13	13	955	955
Garrison	60	30	186	234	2,046	1,831	5,167	4,674	114	114	99	90	74	74	136
Grant	2	2	36	31	12	13	2,355	2,247	6,047	5,233	233	190	28	39	640
Graves	19	25	28	63	10	19	2,169	1,694	5,902	5,133	2,653	2,173	26	19	114
Grayson	2	2	696	712	205	279	2,578	2,066	175	175	100	7	7	7	47
Green	1	1	317	408	565	577	1,847	1,186	26	26	19	1	1	1	17
Greenup	4	2	957	1,147	3	250	273	2,868	2,528						

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

KENTUCKY—Continued.

COUNTIES,	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.	Corn stalks.	
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	
Hancock	10	8	52	73			682	880	1,781	1,891	65	55	92	95	247
Hardin	5	5	442	549	15	58	1,814	2,007	5,154	4,588	412	510	800	616	26,843
Harlan	184	171	65	75	3	4	127	93	406	362	311	302			
Harrison			109	116			3,911	3,505	8,960	7,705	780	599	30	86	497
Hart	43	36	189	217			1,327	1,602	1,804	1,894	100	159	402	828	944
Henderson			118	129			1,875	2,041	4,499	4,891	297	351	121	152	
Henry			40	48	122	103	3,089	8,576	7,851	7,899	149	150	68	128	2,188
Hickman	18	16	84	89			1,438	1,699	1,473	1,691	1,179	1,436	163	352	
Hopkins	68	79	465	482			701	777	4,559	4,481	446	477	68	91	7
Jackson	12	11	805	262			181	96	1,581	994	9	12			708
Jefferson	1,507	1,162	1,613	1,904			5,028	6,043	18,888	14,589	724	1,137	324	520	2,174
Jessamine			216	267			2,767	2,994	2,094	2,248	444	487	119	166	198
Johnson	2	1	20	19			200	128	1,004	919	158	154	10	14	178
Kenton	1	1	77	128	61	113	2,803	2,092	6,881	6,892	166	173	188	187	2,724
Knott	8	8	65	86			19	17	129	129	38	40			4
Knox	78	55	224	222			251	168	8,658	2,641	292	913	55	58	932
Larue	7	5	288	246			813	635	726	646	574	499	268	150	657
Laurel	185	184	1,478	1,201			740	537	5,048	3,544	1,150	924	12	8	6
Lawrence	3	1	272	291	7	8	1,744	1,732	8,322	8,174	481	527	51	104	2,757
Lee			253	297			218	251	954	886	5	11	2	1	1,081
Leslie			76	77			90	45	76	41	62	31			347
Letcher	101	79	49	41			88	28	501	857	21	36	1	2	1
Lewis	20	10	1,190	889			587	448	8,956	8,887	29	28	8	11	15
Lincoln	27	27	1,079	1,278	1	1	8,116	4,085	7,305	8,516	225	887	211	416	20
Livingston	4	2	119	95			906	818	8,914	8,421	842	415	211	188	49
Logan	77	77	664	702	5	5	1,405	1,872	4,018	3,617	165	157	68	121	101
Lyon	12	14	88	71			888	828	782	896	445	766	288	28	
McCracken	8	8	19	19	22	21	1,774	1,031	2,191	2,124	2,266	2,190	4	4	
McLean	10	9	156	204			875	411	8,876	8,479	88	36	25	20	1,251
Madison	16	8	1,048	1,044			1,817	1,909	9,000	7,597	607	654	112	817	617
Magnolia	5	2	1,500	825			111	118	893	970	122	129	25	7	1,002
Marion			166	166	4	6	1,827	1,924	3,350	3,206	1,631	1,163	218	278	152
Marshall	91	88	56	75			1,017	961	3,786	3,150	777	787	40	63	226
Martin			8	10			42	32							
Mason			60	72	22	26	966	1,127	5,628	5,637	1,811	1,808	2	6	30
Meade	10	12	85	99			576	531	4,223	3,447	462	440	222	215	262
Menifee	1	2	301	358	4	2	826	283	865	248			16	18	4,854
Mercer			54	52			5,281	5,871	4,055	8,991	74	81	2,735	8,199	5,222
Metcalf			365	355			455	306	1,554	1,179	114	112	4	6	4
Monroe			232	242			846	867	2,306	2,148	864	868	40	86	208
Montgomery	4	4	746	812	2	4	1,400	1,401	4,400	4,787	1,080	1,855	70	.70	6
Morgan	4	8	602	594			747	608	1,282	1,018	38	41			2,754
Muhlenberg	94	62	240	227			612	508	8,511	3,042	681	491	1,058	1,048	279
Nelson	37	85	591	585	25	56	9,988	8,245	4,281	4,044	878	400			358
Nicholas			74	70	4	1	1,609	1,293	4,186	3,585	6	0			7
Ohio	12	10	180	206			206	190	6,187	5,025	885	742	3	4	738
Oldham	16	10	524	500	22	25	2,784	2,918	7,737	5,805	199	204	58	89	2,590
Owen			1	1			1,388	1,801	6,949	5,540	119	128	51	61	1,272
Owsley	37	22	302	266			233	150	741	513					
Pendleton			19	27	18	9	2,051	1,958	5,836	4,901	180	165	66	73	780
Perry	2	2	75	126	3	4	52	58	213	224	7	10	9	3	299
Pike	21	20	107	118			296	258	863	861	88	92	51	102	365
Powell			86	78			151	142	806	222	9	8			14
Pulaski	47	35	1,483	1,332	8	7	1,306	1,172	3,153	2,597	246	258	48	43	1,786
Robertson			2	3			723	588	1,611	1,155	12	12			6
Rockcastle	2	8	466	371	5	2	886	389	1,799	1,422	22	26	8	8	54
Rowan	32	29	1,599	950			880	425	548	320	81	15	94	103	48
Russell			447	528			228	298	520	499	61	63	5	6	978
Scott			38	44			2,652	2,086	8,890	7,914	202	166	2,298	2,346	407
Shelby			87	158	18	17	3,901	8,799	7,633	7,817	101	131	87	82	22
Simpson			108	121			842	714	495	451	1,472	1,891	34	38	706
Spencer			87	92			1,938	1,664	2,109	1,738	845	868	104	107	1,468
Taylor	88	89	1,235	850	4	14	1,884	1,406	1,380	1,056	177	120	195	572	661
Todd	16	18	351	316			729	814	4,533	4,812	229	328	847	605	715
Trigg	17	8	221	204			1,485	1,464	638	638	296	342	125	112	176
Trimble	10	8	108	94			1,885	2,081	1,001	1,016	8	28	594	1,988	2,080
Union	6	6	89	72			5,813	7,792	3,692	4,520	891	1,290	58	102	
Warren	20	26	521	557	3	5	2,892	2,208	3,666	3,815	270	310	844	426	1,013
Washington			29	29			3,146	2,755	4,121	3,462	514	342	78	179	27
Wayne	24	7	185	260	61	72	466	426	1,806	1,248	42	36	8	18	646
Webster	18	14	45	64			651	707	3,260	3,132	203	158	86	136	112
Whitley	830	291	423	407			518	425	4,154	3,105	189	202	69	95	614
Wolfe	849	504	308	260			608	418	1,879	1,285	67	48	275	246	6,584
Woodford			214	323			1,070	1,208	2,671	2,638	1,018	972	25	92	842

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

LOUISIANA.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.			
													Sown for forage.	Corn stalks.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.	
The State.....	5,086	6,278	426	728	2,865	4,156	1,687	2,769	14,724	10,606	66,828	112,481	6,075	17,425	85,158	
Acadia.....	252	887	4	7			2	2	158	198	345	443	11	43	204	
Ascension.....	175	176	1	2	10	40	2	4	57	104	2,006	5,678	801	810	8,601	
Assumption.....	150	150			12	40					4,321	9,746	240	518	12,956	
Avoyelles.....	20	15			44	108			176	250	289	481	92	884	1,200	
Bienvenue.....					1	2	29	26	78	57	59	85	7	11	139	
Bossier.....	400	400	499	791	58	134	44	36	16	12					456	
Caddo.....	14	16	19	21	298	570	60	75	191	201	108	174	2	8	40	
Calcasieu.....	968	1,016	1	1					229	215	1,228	1,287	821	861	229	
Caldwell.....									12	12	22	26			51	
Cameron.....	102	162							9	12	1	8				
Catahoula.....	12	28	2	1			18	82	109	128	47	59			148	
Claihorne.....			4	8					189	189	12	12	7	18	1,403	
Concordia.....			1	9					88	86	17	17	885	1,576	1,098	
De Soto.....	30	80							82	124	57	61	1	4	89	
East Baton Rouge.....	197	184					44	104	2,688	8,786	896	468	28	28	160	
East Carroll.....			97	183					804	432	239	294	21	78	176	
East Feliciana.....					2	8	56	57	642	795	587	1,354	174	308	190	
Franklin.....					60	98	10	16	89	105	40	45	2	7	125	
Iberia.....	491	689			68	142	6	4	547	786	2,408	4,283	1,082	4,123	1,014	
Iberville.....					28	101			100	295	5,715	7,782	499	1,457	5,613	
Jackson.....									24	15	68	77			9	
Jefferson.....	50	50	81	212	201	229	142	228	2,094	2,094	5	5				
Lafayette.....	280	578	42	28	10	40	156	385	315	291	8,805	202	898	89		
LaFourche.....	8	6	214	488	8	12			311	598	6,465	12,303	302	441	4,041	
Lincoln.....	2	2					1	1	178	181	215	179	9	17	342	
Livingston.....	29	46			20	15	5	7	82	128	209	246	28	.28	14	
Madison.....			2	6	6	84			404	481	408	848			478	
Morehouse.....	1	2							49	59	60	98			22	
Natchitoches.....	40	40			10	14			598	695	577	588	11	18	79	
Orleans.....			28	88	51	101	67	82	792	1,215	14	98			204	
Onauchita.....			1	8	9	12	118	228	481	709	75	340			78	
Plaquemines.....	189	201			3	4	80	40	1,089	1,551					2,014	
Pointe Coupee.....			15	16	987	1,245			1,699	1,988	2,055	3,955	236	1,004	5,801	
Rapides.....	368	477								1,053	1,168	238	677			118
Red River.....			4	5	25	30	6	12	11	9					8	
Richland.....									37	85			2	5	44	
Sabine.....	8	2			2	5			18	17	4	4	1	1	13	
St. Bernard.....	17	17			40	50	540	918	180	869	618	1,123	7	16	91	
St. Charles.....					30	80					1,997	3,564	26	55	4,195	
St. Helena.....									52	65	66	87	8	13	62	
St. James.....	100	250			30	150	8	8	44	75	4,861	7,908	874	588	8,968	
St. John the Baptist.....	100	168							59	89	1,984	4,518	200	622	5,125	
St. Landry.....	42	74			18	22	40	64	998	1,408	370	597	158	324	799	
St. Martin.....	140	158			3	4			804	508	1,502	1,815	224	691	1,885	
St. Mary.....	740	751	2	2			61	101	85	168	8,410	11,019	121	408	4,178	
St. Tammany.....	10	80			2	2	200	400	267	412	306	488	22	24	98	
Tangipahoa.....	1	1			21	22	0	6	1,002	1,245	1,429	1,792	5	27	150	
Tensas.....									27	29	274	755	217	602	4,489	
Terrebonne.....					20	100			398	439	5,629	8,883	240	761	6,424	
Union.....	5	4					11	18	84	84	88	49			187	
Vermilion.....	75	104							581	758	850	1,872	75	309	198	
Vernon.....									4	8	73	38	20	20	89	
Washington.....	2	1							160	171	97	96			7	
Webster.....	133	81			4	6			34	35	28	84	20	54	15	
West Baton Rouge.....					82	267			50	51	8,444	7,581	79	188	1,203	
West Carroll.....									81	82	60	69	6	20		
West Feliciana.....									619	816	277	505	18	16	378	
Winn.....					8	6			49	88	25	19	3	9	90	

MAINE.

The State.....	17,874	16,051	4,676	7,754	98	108	6,781	8,968	1,214,124	1,027,258	14,212	20,967	12,494	52,831	2,652
Androscoggin.....	581	418	745	1,888	2	3	87	144	61,800	58,261	1,292	2,042	1,805	6,578	492
Aroostook.....	287	247	8	2			8,866	5,212	119,209	138,938	660	658	99	804	21
Cumberland.....	1,815	1,272	1,078	1,802	12	12	157	168	99,877	68,082	1,501	2,522	1,058	6,018	99
Franklin.....	428	348	452	780	2	4	306	412	69,936	59,900	287	406	361	1,866	5
Hancock.....	1,758	1,288	79	118			57	59	92,765	28,582	601	808	844	981	24
Kennebек.....	422	412	610	967	28	19	284	170	129,903	101,397	1,542	2,256	1,028	5,614	418
Knox.....	388	294	35	65			1	1	82,465	26,076	278	510	75	151	
Lincoln.....	567	646	52	78			40	46	46,106	38,148	240	261	78	168	

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

MAINE—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Sown for forage.	Corn stalks.	
Oxford	5,044	4,519	846	1,385	7	8	354	557	87,062	77,096	2,184	8,249	8,298	10,311	470
Penobscot	1,463	1,423	892	448	1	2	247	365	141,130	120,805	1,505	1,880	1,454	5,808	100
Piscataquis	212	155	34	67			237	409	45,416	39,246	349	573	234	1,002	119
Sagadahoc	971	994	160	205	5	5		9	25,907	17,851	389	772	184	749	44
Somerset	442	365	112	217			590	769	121,162	94,785	924	1,284	712	3,564	346
Waldo	918	734	57	108			807	828	92,066	95,690	522	774	274	2,107	237
Washington	974	993	128	173	36	50		33	30,572	29,782	465	770	43	120	
York	2,179	2,043	3	6	5	5	266	264	87,848	64,374	1,623	2,052	2,002	7,020	261

MARYLAND.

The State.....	4,924	5,376	1,743	2,577	134	182	67,875	70,589	289,849	316,229	7,510	9,761	3,894	10,533	91,845
Allegany	2	4	117	207	5	11	114	122	8,108	8,722	37	102	78	682	20
Anne Arundel	23	21	119	122			343	416	2,919	3,052	133	165	241	228	3,802
Baltimore	162	199	141	189	10	30	6,808	7,164	41,077	43,639	2,045	3,054	391	1,882	3,790
Baltimore city			3	6			6	12	310	442	21	37	45	258	
Calvert	15	20	3	5			88	145	155	188	62	137			10
Caroline	104	92	40	68			2,378	2,933	5,808	5,539	71	146	46	56	6,539
Carroll	412	481	87	122	61	31	7,632	7,512	34,121	34,543	309	890	208	310	3,818
Cecil			108	233			438	880	28,019	23,231	925	784	77	164	1,016
Charles	9	6	111	168			760	736	1,308	1,510	91	154	12	37	33
Dorchester	243	219	74	109			1,700	2,035	2,660	3,812	175	229	117	137	5,515
Frederick	2	1	316	518	12	20	10,048	10,189	37,343	44,257	364	431	424	937	12,783
Garrett	806	797	3	5			219	288	26,186	29,544	20	24	35	147	5
Harford	1,913	2,875	36	61	13	18	5,864	6,008	20,837	20,412	238	318	342	1,036	1,635
Howard			52	78			1,978	2,064	14,430	14,260	44	72	24	36	4,486
Kent	40	40	30	36	33	56	4,751	8,883	3,613	2,886	112	95	97	247	9,216
Montgomery	2	1	73	129			5,721	6,067	26,838	28,028	455	508	552	1,980	6,866
Prince George	65	94	86	187			632	772	5,168	6,386	772	993	631	1,430	4,757
Queen Anne	20	34	60	75			2,821	2,739	1,279	1,380	28	36	1	1	1,914
St Mary	8	7	33	36			714	834	1,210	1,596	6	15	21	11	
Somerset	356	357	37	61	10	10	2,470	3,730	2,343	3,047	46	57	46	94	1,155
Talbot	6	10	88	125	7	7	4,286	4,192	2,016	2,140	268	545	69	251	10,776
Washington	1	1	1	1	3	4	3,727	4,064	25,824	31,151	968	1,172	178	130	6,420
Wicomico	62	68	12	16			2,038	2,486	958	914	234	240	190	314	4,107
Worcester	673	551	53	75			1,699	2,268	2,816	3,105	100	116	80	135	3,177

MASSACHUSETTS.

The State.....	28,518	28,922	5,327	9,601	96	102	4,065	5,604	529,671	594,677	18,711	35,740	28,635	174,904	7,555
Barnstable	1,461	1,888	17	20			54	74	2,393	2,402	137	267	91	636	
Berkshire	1,866	1,739	184	462	1	2	310	452	92,184	90,980	1,233	1,905	1,811	14,181	437
Bristol	1,698	1,530	533	552	7	9	467	645	28,453	31,882	1,095	2,977	1,666	7,748	343
Dukes	302	366	16	21	2	8	7	7	1,424	1,404	159	201	85	148	
Essex	11,355	10,941	331	635	40	27	455	567	35,622	41,248	1,102	2,176	2,105	16,353	256
Franklin	279	205	176	348	3	8	180	244	58,280	62,923	848	1,782	1,091	19,476	2,565
Hampden	317	306	281	548	1	2	97	148	41,111	45,430	2,273	4,921	722	4,569	278
Hampshire	390	418	305	723			53	96	65,116	63,987	1,228	3,117	2,150	18,051	2,307
Middlesex	4,131	4,206	1,232	2,073	18	12	510	709	61,892	77,740	2,731	5,308	4,784	32,435	656
Nantucket	35	25							789	784	4	8			
Norfolk	2,189	2,124	660	1,035	2	4	225	356	20,542	23,019	809	1,512	1,244	8,097	18
Plymouth	2,293	2,343	290	439	11	21	741	1,011	17,602	18,874	536	827	923	6,241	86
Suffolk	140	162	20	23			95	80	716	1,060	32	97	17	170	
Worcester	2,162	2,066	1,382	2,717	11	14	871	1,215	118,638	132,944	5,574	10,642	6,046	46,716	699

MICHIGAN.

The State.....	59,512	69,388	26,463	34,159	1,087	1,366	225,636	204,812	1,926,181	2,167,808	42,643	49,693	47,026	116,488	223,480
Alcona	117	162	11	17	282	243	71	81	7,800	8,057	60	87	51	61	4
Alger	2	3	2	3			66	67	872	1,107	186	162	29	31	1
Allegan	956	1,138	903	1,283	104	180	6,469	7,958	40,778	56,060	581	637	1,296	3,526	963
Alpena	126	182	27	33	8	5	450	501	10,669	11,569	484	491	868	733	3
Antrim			109	130	8	8	1,588	1,751	11,239	11,746	198	168	378	494	1,280
Arenac	11	15	85	70	3	4	212	269	6,151	7,291	120	120	72	365	2
Baraga	12	13					61	69	3,353	3,897	13	13			18
Bay	1,482	1,689	487	606	45	63	8,678	9,504	27,685	32,011	470	655	509	864	2,990
Bay.	830	1,101	576	807	17	26	1,584	2,816	21,121	30,688	596	1,069	279	765	283
Benzie	8	12	28	31			407	477	5,266	6,480	22	30	111	193	752
Berrien	951	1,058	1,142	1,514	10	30	6,053	7,404	31,687	38,856	506	775	3,245	4,947	10,012
Branch	855	854	515	16	24		9,981	11,516	32,678	40,246	456	546	639	1,038	2,466
Calhoun	1,904	2,166	297	381			10,469	12,200	87,461	42,861	248	370	1,191	2,988	6,231
Cass	2,875	3,210	1,702	1,796	8	16	9,241	10,207	21,591	22,110	769	629	558	934	10,852
Charlevoix	29	36	87	113			209	263	12,383	13,681	193	213	155		20

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

MISSISSIPPI.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.				
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.		Corn stalks.		
													Acres.	Tons.	Acres.	Tons.	
The State.....	6,753	7,965	1,397	2,369	99	201	2,940	8,500	34,157	42,638	48,848	65,138	5,067	7,521	35,318		
Adams.....	32	27	8	4			10	15	269	456	976	1,227	133	125	67		
Alcorn.....	867	865	61	75			19	20	499	557	1,248	1,558	28	36	756		
Amitie.....	4	8					86	42	191	212	588	798	111	167	834		
Attala.....	166	185					10	5	220	231	979	1,317	52	69	103		
Benton.....	2	1	8	11			17	19	205	206	899	799	51	51	16		
Boalvar.....	5	4	275	655			16	10	886	928	625	1,125	89	115	134		
Calhoun.....	11	6	21	27					504	596	1,482	1,681	40	32	46		
Carroll.....	107	98	1	1			86	117	469	635	760	1,193	232	332	73		
Chickasaw.....	40	38	125	161	1	1	55	55	2,916	3,877	726	903	9	7	604		
Choctaw.....	127	164							35	141	860	427	99	91	311		
Gainesboro.....																	
Clarke.....	141	146							2	2	860	538	136	212	1	4	74
Clay.....	43	36	22	23	19	24	60	106	247	214	528	681	123	122	587		
Corioloma.....			107	163	28	56	41	82	624	819	982	1,872	81	63	801		
Copiah.....							10	13	367	488	991	1,840	84	898	506		
Covington.....	6	7							17	17	221	216	48	46	827		
De Soto.....	44	45	102	182			22	20	832	876	1,198	1,416	331	120	791		
Franklin.....									57	84	824	888	96	111	421		
Greene.....							4	6	1	1	255	315			78		
Grenada.....	189	157	8	3					447	659	932	1,430	103	164	116		
Hancock.....	1	1					40	54	256	353	89	84	184	181	1		
Harrison.....	8	8					384	236	587	614	416	478			143		
Hinds.....	221	259	18	15	10	15	144	206	679	982	1,143	2,386	79	136	267		
Holmes.....	70	87							462	858	705	1,001	205	205	223		
Issaquena.....	20	20	18	18			66	205	212	415	102	336	21	82	48		
Itawamba.....	12	11	5	8					38	57	478	678	23	11	516		
Jackson.....	1	1					1,042	787	525	617	73	97	184	172			
Jasper.....	446	488							96	90	505	680	50	40	601		
Jefferson.....	238	274					66	100	334	377	366	541	37	37	173		
Jones.....	2	2					10	6	27	28	289	217	13	6	278		
Kemper.....									111	158	881	455	14	11	821		
Lafayette.....	844	449	18	28			5	8	258	458	2,420	3,404	180	465	792		
Lauderdale.....	62	62	4	6			2	3	255	297	362	410	5	4	1,307		
Lawrence.....							3	3	109	109	919	985	67	88	1,315		
Leake.....									40	49	485	642	21	33	581		
Lee.....	84	34	5	7	2	2	9	9	923	997	1,842	2,117	133	168	953		
Leflore.....			1	1					68	71	326	608	101	654	828		
Lincoln.....			2	5			2	4	541	647	484	682	32	109	819		
Lowndes.....	25	88	15	30			75	140	3,909	3,907	704	1,201	160	86	1,624		
Madison.....	559	612	23	33			810	327	1,374	1,449	1,223	1,540	187	234	220		
Marion.....									149	154	191	199	63	29	401		
Marshall.....	58	49	20	40					409	602	2,155	2,581	290	498	622		
Monroe.....	745	807	27	22			38	38	2,168	2,696	2,153	2,196	199	180	8,600		
Montgomery.....	62	60	10	15			6	5	152	181	585	708	85	57	180		
Neshoba.....									36	68	187	190			1,116		
Newton.....	146	180					2	2	163	200	815	1,024	25	11	1,889		
Noxubee.....	236	241	12	16			50	30	706	960	504	47	86	1,389			
Oktibbeha.....	120	95					112	358	1,724	2,637	1,158	1,665	66	75	476		
Panola.....	64	63	1	1			12	9	1,630	1,774	661	770	56	71	588		
Pearl River.....							13	15	628	629	2	1					
Perry.....	4	4							5	5	226	180	27	19	72		
Pike.....	20	30					2	3	610	704	465	635	30	46	462		
Pontotoc.....	16	28	10	11			6	5	1,008	1,512	126	207	101	118	584		
Prentiss.....	23	23	5	7			7	8	276	264	807	845	34	28	1,156		
Quitman.....	22	24	27	47					10	17	188	362	105	206			
Rankin.....	522	675	70	110			48	69	672	880	468	649	88	62	498		
Scott.....	9	12					18	49	127	118	410	531	5	3	293		
Sharkey.....			6	12					88	84	263	496	5	3	239		
Simpson.....	17	20	1	1			81	50	118	128	457	483	35	26	217		
Smith.....									404	445	255	261	12	38	18		
Sunflower.....	10	4	15	21					21	21	819	488	7	15	82		
Tallahatchie.....	89	95					16	28	308	308	460	635			147		
Tate.....	9	10	7	12					110	132	954	1,247	3	5	275		
Tippah.....									406	618	680	841	11	15	269		
Tishomingo.....	123	183	2	4					118	125	128	111			192		
Tunica.....	84	132	19	30	4	15	41	133	159	302	352	560	111	177	162		
Union.....	43	90	5	4			4	5	107	144	614	913	50	157	614		
Warren.....	9	18	109	243			6	10	294	551	570	1,006			197		
Washington.....	582	1,072	180	281	2	3	1	1	601	942	972	1,526	185	289	365		
Wayne.....	120	122					12	22	41	88	44	73			214		
Webster.....	194	218	1	1			4	8	398	549	657	802	4	5	227		
Wilkinson.....							12	24	841	407	286	816	64	209	142		
Winston.....							1	1	128	144	247	228			1,529		
Yalobusha.....									1	1	427	498			155		
Yazoo.....	140	182	38	34			44	51	1,026	1,182	1,026	1,184	1,721	87	181	628	

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

MISSOURI.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.	Corn stalks.	
The State.....	167,959	196,288	166,709	230,995	2,239	5,409	377,228	493,364	2,568,865	2,829,485	124,515	151,967	79,491	154,691	264,697
Adair.....	243	330	6,406	7,076					58,708	54,650	651	558	478	696	918
Andrew.....	622	1,126	1,877	3,059	16	30	7,387	14,484	18,444	33,607	1,767	3,002	998	2,526	328
Atchison.....	4,437	7,717	756	1,580	71	183	4,260	6,718	11,190	18,385	148	208	1,521	2,213	752
Audrain.....	39	39	2,076	2,169			381	360	58,880	46,956	907	953	702	1,250	1,806
Barry.....	102	102	90	127	11	29	8,057	8,788	8,020	8,234	1,988	2,218	787	865	4,637
Barton.....	29,838	80,409	1,585	2,207			179	201	23,212	21,621	1,482	1,980	3,295	7,256	1,946
Bates.....	10,978	16,741	1,809	2,320	13	33	3,369	4,083	58,845	61,684	2,101	3,143	2,463	4,790	8,098
Benton.....	4,746	4,715	2,110	2,827	6	10	1,619	2,000	19,629	22,430	1,350	1,724	2,388	4,603	6,842
Bollinger.....	49	38	304	401	3	7	3,942	3,684	5,587	6,601	1,400	1,481	91	146	441
Boone.....	75	90	1,259	1,272	32	39	10,659	12,634	34,059	36,066	1,688	1,869	513	884	942
Buchanan.....	456	749	1,100	1,787	26	29	9,599	14,360	9,058	15,081	481	739	209	672	
Butler.....	5	4	248	249	2	2	809	798	4,092	4,626	799	925	48	85	1,178
Caldwell.....	105	124	3,487	5,944			6,910	8,387	27,232	36,326	4,298	6,460	3,146	6,562	2,004
Callaway.....	26	40	296	398	19	23	5,246	5,384	43,750	44,930	1,660	1,819	474	1,233	2,219
Camden.....	173	170	685	689	1	2	646	697	9,010	9,674	161	195	292	453	2,279
Cape Girardeau.....	62	144	100	211	16	21	10,796	15,259	7,228	11,022	2,117	2,970	296	439	876
Carroll.....	1,884	2,107	1,916	3,693	33	56	3,958	4,993	40,260	47,639	2,306	3,290	640	1,472	1,257
Carter.....	12	14	757	650			563	483	1,099	1,016	141	168	24	40	55
Cass.....	2,188	2,648	1,128	1,895	34	123	13,051	15,129	43,962	50,698	783	1,190	2,222	6,143	2,806
Cedar.....	2,162	2,061	828	1,087			357	449	15,502	17,861	449	806	1,253	1,879	1,014
Chariton.....	1,004	1,910	1,804	2,567	30	90	4,874	6,087	43,263	52,269	4,162	4,866	1,496	3,236	140
Christian.....	3	2	80	97			4,074	4,949	8,076	7,728	1,505	1,760	42	106	2,319
Clark.....	476	623	3,323	4,186			563	483	39,222	43,297	4,475	4,876	266	365	876
Clay.....	25	29	1,393	2,527			5,590	8,496	12,885	17,189	332	851	259	732	50
Clinton.....	218	314	1,241	2,111			9,111	12,379	24,682	30,560	467	678	1,538	3,618	3,413
Cole.....	2	2	51	65	4	6	4,328	5,101	12,408	17,124	235	240	203	245	1,256
Cooper.....	3	6	217	319	24	24	8,763	12,572	14,699	19,781	460	508	478	816	182
Crawford.....	6	9	255	201			1,147	994	11,420	11,926	105	149	71	126	123
Dade.....	2,013	2,091	515	608			467	568	14,905	15,017	590	664	430	718	915
Dallas.....	281	193	1,082	849			1,215	1,210	14,945	18,982	1,472	705	448	630	2,806
Daviss.....	909	1,330	5,896	9,505	16	23	4,885	6,095	48,890	53,798	711	907	1,040	1,752	1,905
Dekalb.....	3,510	2,477	3,384	5,292	10	15	3,307	4,613	32,103	40,461	2,393	3,660	386	1,196	168
Dent.....	21	23	87	92			1,310	1,514	14,581	12,741	183	134	21	13	1,708
Douglas.....	24	25	154	170	6	4	1,104	1,047	11,597	9,169	218	167	173	215	2,819
Dunklin.....	66	60	251	284	66	104	317	568	8,258	4,598	950	1,649	226	511	606
Franklin.....	9	9	148	162	51	229	7,352	8,668	15,341	18,987	743	719	802	855	20,346
Gasconade.....	1,056	736	59	43			3,540	4,037	8,461	9,941	401	105	6	19	817
Gentry.....	3,387	3,351	5,806	9,017	30	49	1,988	2,886	43,222	55,177	787	1,138	1,150	2,463	1,548
Greene.....	88	56	449	417			7,596	7,994	17,764	20,590	802	381	293	464	2,338
Grundy.....	2,468	2,795	6,684	10,495			703	751	47,149	49,747	654	697	271	601	842
Harrison.....	1,076	1,311	8,840	12,026	63	149	258	291	66,307	74,653	4,348	5,444	1,009	1,316	3,608
Henry.....	3,560	4,141	3,495	3,967	10	26	1,720	2,044	37,355	38,119	1,427	1,858	1,431	3,139	4,008
Hickory.....	690	745	1,266	1,226	1	2	367	592	13,878	14,588	254	272	413	688	9,247
Holt.....	2,500	5,126	801	1,680	335	906	2,178	3,627	7,025	12,508	470	718	880	2,334	9,909
Howard.....		367	510				11,651	13,650	13,950	16,249	731	682	633	1,676	1,916
Howell.....	260	234	326	297			2,267	2,502	9,555	9,483	442	459	357	407	2,859
Iron.....	68	57	290	351			705	905	7,424	7,683	70	100	105	164	160
Jackson.....	588	763	1,152	2,560	260	983	10,807	83,407	19,874	28,864	893	1,855	8,953	12,242	494
Jasper.....	11,905	13,002	714	1,010	3	8	751	756	13,780	14,772	459	554	2,466	6,321	6,638
Jefferson.....	28	35	365	391	26	55	6,132	6,472	11,846	11,665	1,747	1,970	550	1,312	2,931
Johnson.....	1,200	1,730	1,202	1,822	7	14	12,847	14,293	36,384	43,943	1,843	2,110	3,193	5,605	1,802
Knox.....	729	628	5,007	6,730			97	119	52,261	49,967	389	348	102	183	1,424
Laclede.....	121	98	376	348	7	7	2,502	2,624	19,467	18,384	701	700	1,068	1,280	8,550
Lafayette.....	164	244	501	945	74	167	18,844	22,930	18,267	26,073	584	721	1,922	2,066	14,300
Lawrence.....	1,480	1,409	206	279	15	46	3,095	3,812	8,592	10,515	786	913	386	648	972
Lewis.....	1,066	1,377	2,206	2,271	35	20	2,082	2,585	41,890	38,474	1,366	1,208	646	456	232
Lincoln.....	526	548	163	155			1,753	1,648	18,125	20,181	726	807	365	556	1,456
Linn.....	1,204	1,699	3,293	4,705	56	68	695	731	76,308	76,768	789	1,339	847	1,938	2,946
Livingston.....	8,282	4,461	1,357	2,188			2,398	2,980	44,176	55,858	395	604	2,936	5,020	1,284
McDonald.....	184	239	387	551			2,700	4,028	5,111	6,643	74	88	434	800	1,937
Macon.....	948	1,482	4,005	5,087	1	1	690	859	71,330	74,719	5,902	5,909	755	1,779	2,282
Madison.....	8	7	344	436	6	10	3,236	4,008	6,540	6,943	588	613	74	93	110
Marles.....	63	64	70	52			1,325	1,206	9,837	8,896	730	471	230	227	7,871
Marion.....	2,807	3,816	522	623			4,394	6,041	24,365	27,256	459	596	283	311	4,006
Mercer.....	805	1,139	7,616	10,133			807	837	47,885	55,349	2,367	3,311	474	568	1,860
Miller.....	36	25	433	439			2,383	2,633	13,243	13,179	432	464	137	171	6,616
Mississippi.....	95	94	711	1,116	14	45	781	928	1,658	2,402	1,284	1,416	35	99	1,177
Monteith.....	103	101	978	1,059	10	5	5,175	5,320	18,001	19,690	928	986	841	442	1,559
Monroe.....	65	67	2,809	3,568			1,126	1,266	45,283	49,440	962	877	1,039	1,741	957
Montgomery.....	4,076	8,496	716	662			1,301	1,314	24,783	24,442	425	596	400	459	6,141
Morgan.....	1,068	1,058	3,090	4,279			1,480	1,617	17,909	19,511	649	715	433	830	280
New Madrid.....	179	172	42	64	75	160	838	1,243	1,069	1,396	635	687	25	175	117
Newton.....	11,260	13,041													

GENERAL TABLES.

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TABLE IO.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

MISSOURI—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Sown for forage.	Corn stalks.	
Phelps.....	112	97	244	247	16	10	762	804	14,810	14,832	247	234	62	123	576
Pike.....	490	410	592	690			1,957	2,361	36,760	37,219	1,742	2,149	662	881	858
Platte.....	95	204	1,161	2,266	40	68	7,855	13,551	4,922	8,053	772	1,343	262	587	673
Polk.....	1,185	1,124	1,764	1,888	1	2	1,470	1,654	25,070	27,568	295	363	330	638	1,117
Fulaski.....			373	430			564	574	10,684	9,480	68	76	212	242	439
Putnam.....	811	923	2,780	3,075			126	125	63,370	62,899	805	692	472	503	2,733
Ralls.....	8	8	320	401	2	5	854	1,078	30,048	30,266	662	1,077	125	273	6,551
Randolph.....	324	300	820	787	1	1	1,998	1,866	37,361	38,160	933	920	585	1,576	154
Ray.....	1,223	1,250	1,867	2,766	22	33	8,452	11,278	31,827	37,169	963	1,123	652	1,480	1,508
Reynolds.....	27	28	1,140	1,210			1,270	1,346	6,187	5,931	115	126	18	49	14
Ripley.....	7	3	528	552			1,030	918	2,227	2,090	684	532	92	87	115
St. Charles.....	304	273	75	89	25	44	4,500	5,244	11,647	13,949	487	556	85	115	9,767
St. Clair.....	3,297	3,694	1,547	1,778	8	18	357	605	26,700	28,532	836	1,397	1,099	1,767	2,349
Ste. Genevieve.....	28	18	672	730	12	6	3,646	3,609	4,152	5,239	420	470	338	572	1,398
St. Francois.....	10	9	1,460	1,558			2,161	2,301	9,673	10,326	1,202	1,235	647	1,013	1,940
St. Louis.....	23	18	202	403	15	28	10,963	15,142	13,680	16,539	6,631	7,767	479	537	6,523
St. Louis city.....	1	2	178	121	25	60	91	157	654	877	138	216	48	92	4
Saline.....	170	177	1,370	2,106	12	24	10,312	13,195	21,372	28,285	1,812	2,462	1,240	4,808	5,668
Schuylerville.....	458	584	2,893	3,274	7	14	179	232	33,093	35,639	504	468	351	784	276
Scotland.....	471	505	3,282	3,874	5	3	164	183	47,175	46,369	333	357	530	791	339
Scott.....	8	6	168	275	4	10	2,463	3,680	2,470	3,004	1,935	2,300	109	187	37
Shannon.....	5	5	277	266			901	1,041	3,690	5,522	136	173	123	201	5,781
Shelby.....	661	662	5,097	5,868	5	5	210	256	48,588	43,295	3,076	3,307	1,946	2,826	2,725
Stoddard.....	13	11	370	430	7	7	3,898	4,398	4,161	5,223	2,612	3,366	156	213	55
Stone.....	11	8	86	114	3	4	8,306	4,009	2,629	8,025	75	77	49	70	22
Sullivan.....	1,292	1,644	5,373	7,650			1,427	1,780	88,185	91,115	2,564	2,654	1,660	2,109	1,715
Tancy.....	5	3	224	244	4	5	776	825	2,262	3,235	36	56	243	367	3,082
Texas.....	15	11	121	121	1	2	2,800	2,211	20,674	17,304	1,411	1,189	686	522	4,229
Vernon.....	17,881	20,841	1,461	2,264	28	36	1,856	2,204	62,490	62,322	764	1,164	2,202	4,095	8,061
Warren.....	36	28	181	158			1,774	2,079	7,628	7,080	524	541	27	51	42
Washington.....	15	16	869	1,214			2,743	2,878	8,021	8,770	519	480	189	244	2,851
Wayne.....	38	31	1,981	1,951			1,746	1,737	6,621	5,801	372	349	146	141	72
Webster.....	311	325	340	306			1,588	1,715	18,555	18,945	269	844	875	1,042	6,183
Worth.....	1,203	1,764	2,053	3,459			328	479	20,176	27,451	2,638	3,041	847	1,300	5,723
Wright.....	82	47	98	80	1	1	698	615	16,717	14,397	1,023	1,317	268	223	4,200

MONTANA.

The State.....	567,587	545,841	8,690	4,705	68,959	186,498	12,498	22,630	180,178	237,950	40,874	57,837	2,426	3,807	93	
Beaverhead.....	77,712	70,765	300	593	5,950	14,076	52	68	10,994	11,398	286	396	40	35	.....
Broadwater.....	14,276	13,941	15	50	2,649	7,241	707	998	2,812	3,083	437	657	.....	.....	.....
Carbon.....	10,908	10,601	2,696	3,132	9,178	18,457	496	818	2,639	4,143	2,271	3,772	61	177	.....
Cascade.....	45,102	37,012	160	191	1,068	2,370	51	63	17,129	18,765	6,032	7,089	137	125	.....
Chouteau.....	48,395	48,988			1,493	3,021	42	63	2,434	3,365	2,910	5,037	100	127	.....
Custer.....	47,048	41,739	119	150	5,230	12,287	65	87	1,136	1,448	1,883	2,745	54	141	78	
Dawson.....	19,919	20,808	58	68	10	20			100	200	209	358	38	76	.....
Deerlodge.....	18,550	21,858	18	60	2,239	5,408	706	1,199	30,408	39,282	1,603	2,244	206	332	.....
Fergus.....	41,351	44,449	156	160	3,101	7,896	835	565	17,381	20,501	5,390	5,605	147	231	.....
Flathead.....	8,817	4,262				16	67	17	86	9,820	9,046	8,546	4,062	189	222
Gallatin.....	17,894	18,888			2,297	7,070	1,223	2,707	8,902	13,200	1,583	2,235	254	459	.....
Granite.....	8,519	9,788			81	240	2	4	6,812	8,051	1,326	1,623	55	121	.....
Jefferson.....	11,387	11,119			876	2,481	180	215	1,704	2,592	642	966	20	35	.....
Lewis and Clarke.....	24,083	22,100			4,044	8,287	915	1,500	5,390	7,862	1,714	2,168	806	371	.....
Madison.....	33,406	29,049	30	30	7,761	18,368	428	848	9,824	18,922	2,086	3,053	33	67	.....
Meagher.....	30,372	32,515			1,060	2,787	51	112	4,278	6,123	808	829	.....	.....	.....
Missoula.....	424	461	5	11	249	570	1,180	1,877	9,945	18,661	8,868	4,730	270	303	.....
Park.....	7,753	7,968	80	80	3,763	9,712	129	192	8,757	10,669	1,402	2,225	57	93	.....
Rayville.....	2,868	3,440			644	1,487	5,720	10,872	19,876	34,079	1,251	1,695	49	72	.....
Silverbow.....	3,941	3,612			67	116	147	234	5,407	5,424	407	440	.....	20	.....
Sweet Grass.....	16,026	15,454			7,190	10,554			8,181	8,548	1,065	1,750	141	205	.....
Teton.....	32,798	27,244	2	2	670	929			600	647	204	313	121	136	.....
Valley.....	20,400	20,928	67	96	30	75			866	848	16	85	.....	.....	.....
Yellowstone.....	12,368	12,820	55	92	11,768	40,922	95	229	1,826	2,775	782	1,009	28	66	.....
Blackfeet ¹	5,000	5,000											69	120	.....
Crow ¹	6,000	4,000											808	1,176	170	
Flathead ¹	3,702	4,287												410	.....
Fort Peck ¹	8,086	8,184													.....
Northern Cheyenne ¹	652	866													49	

¹ Indian reservation.

The State.....	2,248,927	2,416,408	191,847	857,356	115,142	275,334	42,447	72,747	92,895	148,100	42,066	54,269	90,828	183,097	15,115
Adams.....	10,214	9,149	1,922	8,939	2,071	4,634	270	271	606	575	853	721	1,407	3,739	1,041
Antelope.....	56,681	55,195	3,291	5,950	483	1,276	267	493	294	294	94	126	428	352	.....
Banner.....	8,188	4,250	1,368	1,123	374	568			99	100	1,96				

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

NEBRASKA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.	Corn stalks.	
													Acres.	Tons.	
Boxbutte.....	18,709	18,660	4,595	5,200	106	180	8	—	8	10	609	451	4,948	4,930	539
Boyd.....	21,581	22,112	1,973	3,250	28	48	48	—	48	90	—	—	4	20	—
Brown.....	23,583	20,296	2,871	3,451	—	—	14	22	14	22	549	1,101	259	379	—
Buffalo.....	35,582	36,873	2,194	3,732	7,444	17,486	37	60	129	182	528	612	1,490	3,683	624
Burt.....	30,857	51,537	1,686	8,899	458	957	2,116	4,042	2,956	4,410	48	108	2,195	4,287	21
Butler.....	17,228	20,486	823	1,882	833	827	1,762	8,110	4,502	7,577	128	228	436	864	2
Cass.....	14,371	18,225	1,056	2,210	212	552	1,589	2,700	2,427	4,036	250	319	228	670	69
Cedar.....	42,188	64,817	2,876	6,482	832	988	215	458	1,830	2,960	172	339	469	1,296	62
Chase.....	9,885	10,589	2,986	2,989	524	1,105	43	85	117	121	851	261	1,272	2,026	—
Cherry.....	192,147	187,901	1,732	2,103	186	440	126	265	384	405	184	126	1,284	1,391	154
Cheyenne.....	34,146	35,088	1,856	2,422	2,596	6,865	584	455	288	351	2,665	2,895	449	704	85
Clay.....	16,622	12,818	1,884	2,087	1,856	2,426	636	894	4,097	8,840	180	304	578	1,067	—
Colfax.....	37,186	50,522	1,842	3,242	359	625	206	449	881	1,163	42	86	890	1,558	—
Cuming.....	41,819	57,632	3,540	8,544	84	215	416	646	1,447	2,531	151	168	5,493	6,489	—
Custer.....	58,821	52,475	6,235	8,719	1,523	8,260	5	5	60	2,170	1,833	1,413	2,522	469	—
Dakota.....	8,188	12,735	2,749	7,464	51	114	24	48	259	450	134	304	77	297	6
Dawes.....	17,032	10,908	1,760	1,394	1,011	2,900	12	30	152	169	6,105	4,512	2,304	2,018	70
Dawson.....	26,683	22,375	1,763	2,747	7,768	18,875	14	18	6	9	307	189	405	1,099	410
Deuel.....	43,757	52,162	2,081	2,919	2,078	3,605	8	30	10	15	1,857	2,035	301	363	41
Dixon.....	22,800	36,377	3,406	1,198	111	184	89	139	426	783	36	61	199	1,013	10
Dodge.....	40,871	69,504	2,572	6,543	129	295	2,486	5,833	3,435	6,407	1,462	3,008	1,418	8,816	1,672
Douglas.....	14,233	20,121	3,010	7,143	276	920	1,145	3,230	4,410	8,727	379	767	361	919	45
Dundy.....	5,591	5,579	675	732	8,117	5,942	—	—	222	338	17	28	1,708	2,394	—
Fillmore.....	16,712	13,302	1,281	2,373	1,184	2,864	773	930	2,818	2,774	609	1,244	3,879	5,002	382
Franklin.....	18,886	17,614	2,185	8,465	10,070	5	10	28	46	424	972	1,371	4,808	—	—
Frontier.....	11,507	10,347	3,787	5,086	1,348	3,855	—	—	236	387	762	510	1,388	2,500	665
Furnas.....	11,450	10,505	2,454	3,012	11,122	23,814	10	20	163	232	752	743	5,332	9,900	10
Gage.....	21,313	22,208	5,366	12,607	555	1,315	1,565	2,544	3,602	4,734	1,252	2,588	2,662	7,127	975
Garfield.....	7,988	9,453	845	603	15	28	4	10	2	2	18	20	136	272	—
Gosper.....	8,254	6,452	1,897	2,782	600	1,046	—	—	12	11	536	449	1,039	3,061	—
Grant.....	25,431	32,827	14	30	1	3	—	—	13	34	21	20	115	315	20
Greeley.....	12,852	12,145	2,045	8,549	167	818	1	2	14	16	25	12	260	338	—
Hall.....	34,961	86,123	1,068	2,254	3,675	9,210	88	160	168	176	197	449	703	2,148	129
Hamilton.....	11,946	10,945	2,177	4,662	1,513	3,335	1,634	2,202	2,078	2,640	209	543	675	1,753	160
Harlan.....	14,568	12,570	2,274	8,772	7,617	28,990	17	55	108	1,040	2,668	2,424	4,880	4,880	43
Hayes.....	4,529	8,882	1,548	1,882	608	1,477	4	7	81	85	254	199	1,707	2,388	—
Hitchcock.....	4,542	4,021	1,258	1,221	1,845	2,127	9	12	392	428	176	104	2,582	8,842	64
Holt.....	149,812	180,151	2,951	3,904	106	253	10	14	436	361	229	371	1,120	1,337	30
Hooker.....	4,274	8,549	5	10	—	—	—	—	—	—	—	—	145	335	—
Howard.....	26,085	23,439	2,125	4,018	276	602	6	8	13	34	21	20	115	315	20
Jefferson.....	18,088	21,628	6,612	14,049	642	1,651	288	437	422	650	270	597	825	2,116	—
Johnson.....	18,163	15,064	3,263	7,555	908	2,066	1,421	2,321	1,744	2,538	129	208	770	1,998	243
Kearney.....	18,260	14,447	947	1,696	1,608	3,647	10	15	343	401	151	383	1,243	3,233	118
Keith.....	27,118	27,064	1,068	1,385	1,619	4,167	128	304	23	21	321	237	826	826	5
Keynepaha.....	21,771	21,387	1,937	2,604	35	89	1	1	—	—	34	39	163	354	—
Kimball.....	3,412	3,548	491	518	821	2,793	—	—	99	11	372	241	588	767	—
Knox.....	41,245	44,573	3,671	7,129	31	65	38	106	251	448	84	146	39	92	—
Lancaster.....	37,229	43,774	5,164	11,208	1,361	3,194	2,089	3,668	1,686	2,543	857	748	2,076	5,768	193
Lincoln.....	65,389	54,701	1,672	2,269	8,664	7,472	184	221	37	56	608	529	915	1,155	68
Logan.....	12,122	12,011	266	349	17	33	—	—	37	104	101	185	170	229	—
Loup.....	6,066	6,000	680	680	199	226	2	5	13	21	16	9	151	242	—
McPherson.....	12,880	18,293	75	82	65	156	—	—	101	185	219	577	—	—	—
Madison.....	28,577	35,459	4,171	8,921	419	1,084	388	567	1,377	2,241	155	214	878	1,682	497
Merrick.....	68,473	70,422	681	1,293	805	2,224	579	950	417	457	155	214	878	2,884	243
Nance.....	15,241	18,644	8,628	8,501	421	903	116	142	424	497	52	106	1,275	—	—
Nemaha.....	6,151	10,645	901	2,406	1,499	4,391	2,007	4,020	2,257	4,079	115	261	429	1,149	51
Nuckolls.....	13,636	13,762	2,043	4,582	2,019	4,298	48	37	847	948	136	261	1,306	3,061	—
Otoe.....	18,421	28,823	2,958	7,282	295	774	2,901	4,512	4,184	6,192	227	512	804	1,397	.80
Pawnee.....	20,503	24,550	1,348	8,226	168	472	971	1,603	2,249	2,971	183	382	1,692	4,780	529
Perkins.....	6,647	5,418	1,633	1,419	10	22	—	—	—	—	222	181	503	608	415
Phelps.....	11,704	9,388	3,048	5,068	954	2,866	—	—	136	99	254	329	356	758	—
Pierce.....	20,474	32,846	1,982	4,119	167	340	828	1,167	828	1,492	55	100	159	372	25
Platte.....	21,720	29,250	5,472	13,237	820	2,634	145	231	966	1,520	258	900	1,125	4,155	—
Polk.....	20,278	22,094	939	2,890	268	1,549	1,445	2,453	1,756	2,716	110	110	1,143	8,555	1,042
Redwillow.....	7,570	6,073	2,390	2,642	8,047	15,325	8	4	4	8	1,053	1,287	8,089	5,564	8
Richardson.....	17,966	28,933	784	1,778	939	2,702	2,809	5,122	9,719	17,526	598	1,098	791	3,050	52
Rock.....	67,389	59,603	768	1,183	4	8	—	—	27	69	242	242	110	305	—
Saline.....	18,208	18,514	3,176	6,341	624	1,719	798	1,271	1,564	2,122	197	373	571	1,441	1,699
Sarpy.....	8,148	12,170	1,968	4,620	397	978	019	1,494	1,728	2,603	177	354	440	815	—
Saunders.....	39,295	65,847	1,605	4,738	67	246	1,400	2,649	8,622	6,275	250	500	2,970	10,098	316
Scotts Bluff.....	15,833	15,262	76	97	8,189	23									

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

NEBRASKA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.	Corn stalks.	
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	
Washington.....	11,886	18,590	1,698	4,112	462	1,199	857	1,584	2,065	8,650	380	1,008	184	445	71
Wayne.....	11,727	18,480	4,803	9,767	179	504	490	1,190	5,196	8,755	83	158	455	1,977	7
Webster.....	23,460	21,757	2,264	4,676	3,402	7,863	112	120	86	180	846	1,889	667	1,588	37
Wheeler.....	19,970	20,042	349	521	76	188	860	1,306	5,701	7,509	29	54	258	480	27
York.....	14,576	12,398	1,587	2,906	1,028	2,030					215	406	496	1,421	

NEVADA.

The State.....	165,059	159,400	84	132	96,725	224,331	1,021	1,824	26,957	30,778	2,152	8,703	136	144	.....
Churchill.....	3,715	3,205			5,995	18,992			20	20	560	1,114			
Douglas.....	3,480	3,374			7,453	16,851	872	468	3,493	3,900		75	64		
Elko.....	70,346	63,622	40	80	15,572	25,173	889	465	17,215	18,669	158	181			
Esmervalda.....	1,179	1,318			2,479	5,682			1,075	603	65	80			
Eureka.....	9,457	8,570			2,279	6,689	8	20	205	245	61	60			
Humboldt.....	41,258	48,842	5	2	23,582	57,988			78	85	758	1,517			
Lander.....	10,660	9,193			3,440	8,229	118	175	280	460	114	127			
Lincoln.....	2,829	2,984	9	15	2,184	6,259			894	888	58	68	2	8	
Lyon.....	1,280	1,360			12,219	30,946			97	155	106	179			
Nye.....	5,206	4,620			2,180	5,294			140	135	2	10	15	8	
Ormsby.....	5	5			255	518	129	178	945	1,095	28	36			
Storey.....					367	1,251			10	10					
Washee.....	9,782	12,079	30	85	14,128	35,303			2,506	4,651	226	818	44	69	
White Pine.....	5,761	4,651			3,940	8,080			581	291	1	8			
Duck Valley ¹	495	649			55	113			18	31					
Pyramid Lake ¹	18	88			125	211									
Walker River ¹					492	1,152					11	20			

NEW HAMPSHIRE.

The State.....	17,383	15,378	3,903	6,736	26	86	2,500	8,088	565,651	524,463	14,188	24,732	11,391	78,897	1,708
Belknap.....	1,466	1,289	391	724			305	974	32,704	26,949	941	1,526	752	5,610	89
Carroll.....	445	355	76	141			97	126	40,591	32,569	658	935	243	1,745	102
Cheshire.....	871	742	165	329			634	707	49,050	47,281	1,054	2,077	865	5,057	296
Coos.....	405	353	121	232			92	92	53,927	61,364	1,048	1,984	567	5,069	120
Grafton.....	2,143	1,460	1,222	1,939	4	6	484	651	101,000	94,921	8,050	5,388	2,582	1,265	280
Hillsboro.....	2,457	2,381	681	1,062	20	25	301	384	67,827	66,998	2,714	5,164	2,065	12,715	295
Merrimack.....	3,511	8,232	465	855			189	282	72,416	65,461	1,808	3,066	1,788	12,864	279
Rockingham.....	8,650	8,516	847	576			288	339	64,101	58,187	1,804	2,221	1,845	7,193	28
Strafford.....	1,622	1,852	803	552	1	2	18	20	88,598	81,715	904	1,258	774	8,494	184
Sullivan.....	813	708	182	326	1	8	92	90	44,812	39,008	647	1,198	410	3,025	108

NEW JERSEY.

The State.....	88,802	55,422	4,618	6,331	194	205	57,695	59,272	812,961	278,496	6,277	9,540	24,628	61,871	77,659
Atlantic.....	4,194	6,575	78	119			451	654	177	202	157	242	168	292	194
Bergen.....	836	1,120	189	248	23	30	480	656	10,508	9,877	833	616	817	1,306	428
Burlington.....	1,780	9,085	812	416	61	36	6,286	4,978	28,735	24,510	206	314	1,821	5,483	11,824
Camden.....	129	163	69	87			1,164	1,316	6,948	6,198	244	481	310	855	5,044
Cape May.....	4,820	8,125	174	288			451	528	168	256	78	134	205	482	714
Cumberland.....	10,818	15,400	117	174	9	14	5,738	6,970	5,188	6,803	278	558	2,992	6,622	6,148
Essex.....	1,634	2,149	101	114			86	138	8,229	6,420	489	881	1,013	10,678	35
Gloucester.....	730	1,083	305	406	9	5	8,589	6,281	8,185	8,568	485	575	4,286	6,904	8,051
Hudson.....	105	198	28	36			10	15	182	174	5	9	14	78	
Hunterdon.....	15	28	68	76	15	18	3,209	2,477	35,598	27,711	267	235	209	1,183	8,827
Mercer.....	26	21	406	620	6	6	1,418	1,804	22,516	21,095	180	814	802	1,426	1,292
Middlesex.....	1,599	2,051	243	347	7	7	3,216	2,921	19,273	15,290	471	519	992	1,921	59
Monmouth.....	894	1,556	1,301	1,039	46	60	4,037	3,045	19,616	14,877	940	953	480	1,179	7,243
Morris.....	4,252	4,388	285	220			2,684	2,034	26,585	20,421	480	656	1,548	3,048	4,956
Ocean.....	4,483	6,020	64	75			756	584	2,089	2,019	144	132	608	1,005	46
Passaic.....		2	8	2	4		148	108	8,127	5,734	128	99	288	819	6
Salem.....	1,167	2,008	249	406	2	3	13,927	16,212	14,611	20,264	268	602	981	2,826	23,615
Somerset.....	23	11	444	582	6	12	2,935	2,179	35,249	24,218	253	468	228	1,346	5,865
Sussex.....	684	1,070	188	316			384	389	34,419	36,161	621	1,155	8,019	8,013	775
Union.....	301	352	30	41	3	4	36	38	6,552	6,289	204	475	529	1,496	8
Warren.....	62	49	29	19	5	6	1,700	1,356	22,117	21,464	156	127	4,368	4,975	2,969

NEW MEXICO.

The Territory..	19,238	19,155	205	408	55,467	154,978	101	261	2,722	8,428	4,857	7,871	4,713	9,143	1,221
Bernalillo.....	1,171	1,296	111	289	8,618	10,858	38	146	120	160	189	305	156	612	.....
Chaves.....	484	889			6,960	22,786			8	3	94	869	466	1,927	.....
Colfax.....	4,687	8,521		10	80	4,399	9,344		918	1,039	1,371	2,542	186	159	.....
Donna Ana.....	270	420			5,870	12,288	8	24	11	24	158	132	24	71	.....
Eddy.....	20	20			2,316	5,243	3	3			7	22	807	1,646	.....

¹ Indian reservation.

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.
NEW MEXICO—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.			
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Sown for forage.	Corn stalks.		
															Acre.	Tons.
Grant.....	620	982	7	19	1,358	3,240	.....	.....	46	59	61	79	83	469	.....	.....
Guadalupe.....	628	638	274	701	.....	.....	6	10	3	3	119	207	.....	.....	.....	.....
Lincoln.....	126	147	3	5	1,049	2,188	.....	.....	250	389	123	141	37	.....	37	.....
Mora.....	1,746	1,542	.....	.....	8,811	26,753	.....	.....	535	660	478	644	263	400	298	.....
Otero.....	30	40	.....	.....	413	990	.....	.....	15	20	365	635	11	42	6	6
Rio Arriba.....	1,561	1,890	33	34	1,775	5,262	3	9	134	182	370	402	706	907	415	.....
San Juan.....	37	57	9	18	6,039	18,825	3	3	49	99	5	15	5	.....	.....	.....
San Miguel.....	1,587	2,094	87	79	2,108	4,695	33	53	244	227	908	1,304	798	490	849	.....
Santa Fe.....	424	406	5	5	2,524	10,756	5	5	25	24	70	201	85	498	32	.....
Sierra.....	30	20	.....	.....	859	3,193	.....	.....	8	22	2	4	.....	.....	.....	.....
Socorro.....	493	633	6	6	2,381	6,256	4	7	168	281	161	269	94	236	.....	.....
Taos.....	1,396	1,642	7	9	1,980	4,635	.....	.....	494	719	283	375	378	427	84	.....
Union.....	2,381	2,112	15	20	1,041	2,920	3	6	3	2	52	78	498	1,350	.....	.....
Valencia.....	418	306	21	31	1,359	3,707	1	5	10	10	50	51	17	43	.....	.....
Jimenez Apache ¹	1,052	455	.....	.....	362	1,684	.....	.....	.....	.....	.....	2	2	.....	.....	.....
Pueblo ¹	56	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Zuni ¹	7	7	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NEW YORK.

The State.....	26,000	29,719	10,401	18,341	5,582	18,002	103,155	114,660	4,758,523	5,082,322	61,697	96,693	189,601	964,738	70,021				
Albany.....	149	95	107	141	39	75	963	889	76,377	66,601	594	841	2,709	7,951	11	.....		
Allegany.....	23	151	295	24	52	1,123	1,342	131,502	146,778	4,302	4,341	5,300	24,626	144	.....	.....	
Broome.....	74	78	640	1,268	2	2	176	236	95,882	88,720	1,191	2,067	6,226	40,057	1,058	.....		
Cattaraugus.....	24	30	292	636	41	101	690	951	189,539	184,488	2,667	3,736	7,174	35,178	369	.....		
Cayuga.....	91	94	140	229	39	61	7,312	7,977	88,969	107,194	891	1,241	3,142	19,600	2,281	.....		
Chautauqua.....	128	128	280	481	57	123	517	906	121,820	186,602	877	1,756	5,020	37,704	4,630	.....		
Chemung.....	30	20	61	95	.....	.....	303	533	45,428	88,676	172	258	2,130	14,173	1,083	.....		
Chenango.....	38	42	329	705	8	21	143	212	140,490	160,207	695	1,758	6,030	44,830	110	.....		
Clinton.....	16	14	.....	.....	.....	.....	41	55	80,733	76,607	562	667	1,282	5,388	98	.....		
Columbia.....	90	90	115	191	.....	.....	506	618	95,974	88,910	617	685	1,301	4,044	990	.....		
Cortland.....	62	103	160	311	2	6	190	315	76,018	85,399	1,058	2,474	5,433	49,605	4	.....		
Delaware.....	13	14	430	1,072	.....	.....	264	401	158,308	184,555	1,477	2,539	40,059	253	.....	.....	
Dutchess.....	36	86	449	770	14	25	733	703	106,003	87,324	2,108	2,777	3,715	18,668	1,650	.....		
Erie.....	178	283	308	408	50	102	2,882	2,727	127,253	141,634	1,855	2,791	6,071	25,323	3,364	.....		
Essex.....	1,947	1,664	74	39	4	5	227	206	56,267	48,140	857	775	1,056	3,657	393	.....		
Franklin.....	1,180	1,114	56	78	6	13	326	440	82,811	85,999	1,059	1,516	2,467	18,203	562	.....		
Fulton.....	717	882	12	26	.....	.....	89	100	49,201	47,282	181	698	436	2,503	25	.....		
Genesee.....	111	286	168	228	67	138	2,842	2,951	44,021	40,663	725	1,080	2,724	14,134	1,154	.....		
Greene.....	76	53	78	122	.....	.....	108	127	69,405	69,258	408	881	712	2,666	215	.....		
Hamilton.....	154	164	1	1	.....	.....	19	15	8,146	8,017	70	170	234	.....	.....	.....
Herkimer.....	72	60	79	151	2	4	878	1,373	100,659	188,994	1,750	2,975	3,969	22,597	385	.....		
Jefferson.....	360	503	120	174	4	19	1,512	2,250	218,537	237,312	2,472	4,182	10,585	61,319	2,366	.....		
Kings.....	94	177	.....	.....	.....	.....	140	125	2	5	2	25	2	.....	.....	.....
Lewis.....	1,488	1,038	84	110	34	61	552	608	103,019	111,150	1,255	1,074	3,827	18,855	14	.....		
Livingston.....	46	45	65	120	10,060	11,004	54,770	54,155	416	926	2,481	4,748	3,059		
Madison.....	61	106	127	226	588	1,607	1,106	1,418	98,836	126,470	908	1,420	6,671	88,937	2,279	.....		
Monroe.....	12	15	267	406	39	50	4,705	5,526	55,082	62,570	1,539	2,297	9,842	1,440	.....	.....	
Montgomery.....	42	37	196	880	78	144	2,558	2,796	81,349	89,656	398	401	1,593	9,774	14	.....		
Nassau.....	523	385	223	953	.....	.....	479	582	18,074	11,889	897	486	906	8,084	482	.....		
New York.....	378	556	1,656	8,907	4	4	223	202	108,345	103,859	410	442	12	31	143		
Niagara.....	76	59	57	94	36	37	8,967	4,525	60,721	64,298	525	761	1,482	6,000	3,076		
Oncida.....	897	1,216	209	352	212	569	541	879	156,317	196,842	2,352	3,486	11,041	42,809	1,294		
Onondaga.....	49	46	158	220	8,767	8,800	3,975	4,953	99,913	115,822	1,080	3,002	7,855	37,285	805		
Ontario.....	4	6	160	124	42	105	10,148	9,926	56,370	57,475	769	1,139	2,488	6,748	4,813		
Orange.....	152	240	1,856	8,967	4	4	223	202	108,345	103,859	2,472	3,127	4,470	18,840	1,112		
Orleans.....	56	120	87	50	20	33	2,519	2,071	39,015	37,989	550	664	355	1,190	92		
Oswego.....	346	468	185	452	11	28	483	627	99,840	125,425	889	1,705	4,788	19,357	1,126		
Otsego.....	6	6	285	740	25	58	457	754	147,744	179,079	1,272	2,882	6,039	33,810	297		
Putnam.....	155	184	78	104	28	30	80,864	26,198	949	1,420	684	2,502	610		
Queens.....	202	164	5	10	1	2	14	20	1,098	1,187	89	145	164	510	170		
Rensselaer.....	62	88	80	51	21	1	5	3	504	548	94,298	76,888	706	733	1,445	4,471	18
Richmond.....	458	462	8	21	1	3	24	68	1,854	2,482	170	867	128	881	88	88
Rockland.....	114	175	68	103	166	208	10,043	9,672	288	355	414	1,199	602
St. Lawrence.....	7,073	9,257	156	219	900	1,417	229,629	270,619	5,602	12,826	18,578	70,195	2,684
Saratoga.....	1,383	1,560	120	135	795	692	78,145	66,018	1,424	1,815	958	3,185	1,480
Schenectady.....	100	60	15	21	40	61	235	271	82,551	28,528	418	484	1,267	3,703	1,221
Schoharie.....	1	1	5	7	1,088	1,086	86,985	81,478	568	648	2,066	9,196	2,741
Schuylerville.....	186	159	4,557	8,620	34,153	25,614	217	228	882	934	2,823	1	823			

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCT OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

NEW YORK—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.			
															Sown for forage.	Corn stalks.
	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.
Tompkins	50	50	72	127	24	62	5,915	6,750	60,201	58,060	453	756	2,304	16,105	1,576	
Ulster	90	78	479	682	1	3	877	647	81,400	77,641	1,018	1,859	1,160	5,284	2,493	
Warren	1,980	1,625	15	20	.....	.....	50	45	41,366	23,116	648	500	240	1,048	164
Washington	173	167	24	29	.....	.....	1,433	1,085	108,053	85,784	2,234	2,413	1,697	7,444	1,536
Wayne	247	433	96	188	18	41	2,944	3,620	57,197	67,805	415	1,030	1,900	9,127	4,189	
Westchester	77	42	79	136	.....	.....	90	159	51,441	65,176	1,128	1,718	1,442	8,105	1,659
Wyoming	31	37	75	125	87	192	3,883	4,703	76,890	94,287	506	813	4,056	26,863	305	
Yates	177	236	19	12	35	64	5,925	5,501	29,803	28,616	512	558	381	866	772	

NORTH CAROLINA.

The State.....	17,462	21,236	1,959	2,705	243	392	27,238	28,200	122,879	122,411	51,772	56,780	8,445	15,006	183,004	
Alamance.....	1,152	1,503	83	89	3	4	638	739	1,335	1,597	1,791	2,281	81	205	3,046	
Alexander.....	122	145	22	19	32	30	27	31	80	77	640	587	77	80	2,223	
Alleghany.....	.....	3	3	.....	.....	.....	276	237	8,990	7,212	46	30	92	96	1,700
Anson.....	5	6	2	3	.....	.....	102	115	611	508	1,184	953	23	44	2,188
Ashe.....	.....	40	28	16	9	.....	381	311	10,799	8,880	1,878	1,960	40	98	2,998
Beaufort.....	.....	23	45	.....	.....	.....	22	44	1,350	1,701	513	592	1	287	.....
Bertie.....	.....	3	4	.....	.....	.....	95	101	648	640	133	168	270	1,021	1,721
Bladen.....	.....	10	24	.....	.....	.....	.....	.....	124	121	323	297	4	7	1,399
Brunswick.....	.....	.....	.....	.....	.....	.....	.....	.....	235	229	97	122	21	38	614
Buncombe.....	538	390	102	118	2	2	2,871	2,953	2,872	2,713	161	215	230	878	1,702	
Burke.....	240	329	77	100	.....	.....	160	254	402	428	1,381	1,741	205	1,025	2,097
Cabarrus.....	1,000	1,225	255	463	2	6	316	339	1,039	1,293	561	550	368	4,049	4,049	
Caldwell.....	199	229	14	14	.....	.....	103	158	1,378	1,400	1,444	1,610	5	5	2,096
Camden.....	.....	7	9	.....	.....	.....	2	7	397	631	187	165	483	483	483
Carteret.....	.....	.....	.....	.....	.....	.....	15	15	64	75	168	154	7	7	7
Caswell.....	117	261	11	29	.....	.....	780	945	774	837	402	599	158	814	2,959
Catawba.....	361	307	2	2	.....	.....	244	279	8,078	8,537	1,643	1,721	225	228	1,854
Chatham.....	949	1,098	6	7	22	45	128	108	247	276	374	412	175	171	3,912	
Cherokee.....	484	642	15	22	.....	.....	23	65	1,861	1,953	390	506	111	234	3,026
Chowan.....	2	2	.....	.....	.....	.....	21	35	490	495	38	38	44	41	583
Clay.....	56	58	4	10	.....	.....	55	28	1,101	1,065	287	253	68	136	1,663
Cleveland.....	6	5	.....	.....	.....	.....	26	61	1,389	1,520	1,321	1,306	12	16	8,110
Columbus.....	.....	.....	.....	.....	.....	.....	.....	.....	367	404	456	479	46	51	1,239
Craven.....	18	18	3	15	.....	.....	3	15	20	50	402	828	602	31	594
Cumberland.....	29	28	46	29	.....	.....	.....	.....	769	780	210	219	89	71	2,738
Currinck.....	14	14	.....	.....	.....	.....	.....	.....	253	377	42	41	.....	56	134
Dare.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	83	83	134
Davidson.....	1,385	2,078	58	28	.....	.....	833	941	4,692	6,124	1,880	8,355	214	282	8,361
Davie.....	598	703	.....	.....	11	10	437	425	724	751	517	584	41	37	1,156
Duplin.....	.....	.....	.....	.....	.....	.....	.....	.....	763	784	883	451	93	177	2,385
Durham.....	76	127	19	24	4	8	240	312	345	369	153	208	98	280	2,154	
Edgecombe.....	.....	3	5	.....	.....	.....	113	116	175	169	1,449	1,081	178	108	4,322
Forsyth.....	1,834	2,211	19	16	3	1	1,622	1,385	1,351	1,320	1,550	1,016	332	461	1,380	
Franklin.....	.....	50	72	.....	.....	.....	150	259	99	89	925	1,189	15	20	8,860
Gaston.....	207	320	2	2	.....	.....	358	501	1,719	1,840	209	255	14	14	647
Gates.....	.....	6	10	.....	.....	.....	18	19	31	35	23	28	65	86	1,270
Graham.....	225	269	.....	.....	.....	.....	207	232	207	232	66	79	1	1	982
Granville.....	5	5	4	5	5	10	228	237	1,007	1,346	1,803	1,651	358	703	3,889	
Greene.....	.....	.....	.....	.....	.....	.....	193	343	1,083	903	274	206	37	53	2,083
Gulford.....	3,226	3,575	47	118	.....	.....	1,050	1,037	3,756	4,279	982	1,233	137	207	2,147
Halifax.....	15	15	3	3	229	226	861	968	389	507	21	46	4,128
Harnett.....	.....	.....	7	4	.....	.....	166	168	46	66	199	201	201	2,129	1,380
Haywood.....	.....	117	117	.....	.....	.....	1,956	1,387	2,079	1,493	43	31	7	7	703
Henderson.....	12	13	3	4	.....	.....	133	187	1,026	1,073	346	572	7	7	997
Hertford.....	.....	12	6	.....	.....	.....	3	5	769	772	146	95	26	19	997
Hyde.....	.....	11	15	18	29	.....	.....	.....	91	103	216	249	216	216	216
Iredell.....	94	140	5	5	.....	.....	7	4	166	168	46	66	199	201	2,935
Jackson.....	39	33	71	67	.....	.....	371	351	1,283	1,090	94	90	3	3	1,471
Johnston.....	.....	59	121	.....	.....	.....	124	81	510	524	171	150	265	268	3,491
Jones.....	.....	.....	4	4	6	7	.....	338	91	70	61	117	407	117	407
Lenoir.....	.....	.....	.....	.....	.....	.....	53	108	1,106	1,026	1,019	940	27	48	1,792
Lincoln.....	823	886	1	1	.....	.....	135	156	2,085	4,985	1,985	2,830	309	476	2,935
McDowell.....	21	14	13	12	.....	.....	13	17	135	101	352	392	45	38	2,988
Macon.....	73	71	33	36	.....	.....	207	172	1,442	1,419	186	145	4	6	2,042
Madison.....	58	52	45	44	.....	.....	2,047	1,532	1,183	995	126	82	23	15	1,108
Martin.....	1	2	.....	.....	.....	.....	.....	.....	83	105	13	18	.....	875	875
Mecklenburg.....	213	295	13	21	8	22	284	354	4,777	4,545	2,800	2,792	148	405	3,865	
Mitchell.....	145	195	10	16	2	5	250	245	5,672	4,003	784	518	45	46	46	
Montgomery.....	.....	.....	.....	.....	251	363	828	942	292	288	24	26	1,575	1,575	1,575
Moore.....	1	1	10	15	.....	.....	6	5	989	1,030	575	515	837	320	3,05
Nash.....	.....	2	4	.....	.....	.....	61	84	240	269	729	616	32	22	4,966
New Hanover.....	.....	9	20	35	.....	.....	45	71	551	625	117	128	22	22	11
Northampton.....	6	9	20	35	.....	.....	366	352	202	211	25	31	3,331	3,331	3,331
Onslow.....	.....	7	6	38	69	.....	387	443	427	387	97	84	40	40	40
Orange.....	133	170	7	6	38	69	1,131	1,271	1,271	1,271	355	48	164	164	2,866	

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.
NORTH CAROLINA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.			
													Sown for forage.	Corn stalks.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.	
Pamlico			6	12					326	329	546	560	31	45	74	
Pasquotank			8	6					243	347	18	20			843	
Pender									712	471	168	219	44	37	416	
Perquimans							10	19	552	638	140	178	51	65	1,149	
Person			13	20			199	281	78	60	516	724	27	40	2,280	
Pitt	172	161							641	581	805	795	72	75	5,429	
Polk	5	15	1	1			5	17			546	62	16	62	114	
Randolph	114	145	10	11			10	21	447		1,694	1,974	182	270	1,807	
Kichimond			2	3			1,159	1,421	3,208	3,586						
Robeson			77	71			10	10	186	192	145	92	25	30	1,386	
Rockingham	142	253	9	25						844	863	654	587	26	20	4,188
Rowan	877	1,171	10	20	6		1,515	1,594	980	1,289	421	416	131	275	927	
Rutherford	1	2	1		2		2,162	2,608	8,797	4,791	1,246	1,367	708	1,721	8,665	
Sampson			5	21					1,467	1,473	622	700	8	8	1,202	
Scotland							21	40	420	391	413	478	122	129	3,003	
Stanly	895	1,236	1	4			116	174	828	870	1,008	1,561	302	787	1,596	
Stokes	608	609	599	440			1,806	1,102	1,102	1,124		124	13	28	732	
Surry	326	283	5	16			140	122	876	861	288	318	20	30	1,219	
Swain	5	6					108	127	174	166	71	92	2	2	810	
Transylvania	4	5					169	162	400	382	12	18			880	
Tyrrell	4	8	3	12			7	7	454	482	83	101	1	3	42	
Union			41	76	68	121	439	880	1,511	1,643	529	596	10	25	3,160	
Vance	1	1	88	108			176	259	125	147	719	614	23	25	1,815	
Wake	41	52	208	334			323	406	1,086	1,143	1,018	1,158	888	921	3,609	
Warren	16	14	73	110			2	188	179	844	313	229	249	12	24	2,874
Washington			3	5					275	329	227	231	5	5	524	
Watauga							142	112	7,288	5,873	506	517	18	10	445	
Wayne	111	86					27	30	1,515	1,511	216	208	56	70	3,673	
Wilkes	16	19	7	9				29	31	770	917	207	242	30	37	3,639
Wilson			2	2					484	578	108	140	4	10	3,809	
Yadkin	208	233	4	2				120	113	252	281	257	238	207	288	1,543
Yancey			1	1				468	297	2,170	1,652	186	189			442

NORTH DAKOTA.

The State.	1,248,250	1,580,051	85,655	112,538	384	479	201	349	38,095	38,471	21,783	30,486	16,117	28,116	828
Barnes	46,333	57,634	4,573	5,750	93	170			78	111	109	182	104	135	20
Benson	26,626	37,628	966	1,475					87	86	46	90	42	85	
Billings	19,401	21,298	12	20							308	508	59	98	
Bottineau	14,651	22,031	90	280					38	45	20	47	27	32	
Burleigh	30,470	42,687	570	904	12	24					27	27	32	54	
Cass	49,087	49,609	8,913	10,353	52	66	26	26	6,157	6,156	3,415	4,751	10,224	16,497	410
Cavalier	34,812	43,974	118	157		21	30		420	520	2,162	2,693	151	191	
Dickie	52,384	55,168	4,821	6,195					10	6	46	40	69	148	74
Eddy	17,592	21,882	707	1,027					67	85	92	122	20	32	
Emmons	42,058	51,909	469	796					7	18	187	364	75	150	66
Foster	11,478	17,862	270	493					40	55	441	855	25	20	
Grand Forks	59,347	54,728	8,090	11,242	40	85	97	120	18,618	11,918	1,611	3,170	513	1,068	
Griggs	19,610	23,266	2,248	3,046					15	27	166	189	50	80	
Kidder	12,586	22,223	296	422					80	60			11	23	
Lamoure	26,629	32,041	1,028	1,938					20	22	25	18	9	84	
Logan	9,724	17,400	12	35							10	20			
McHenry	92,500	55,824	90	221							10	20			
McIntosh	33,930	39,581	209	248			10	10							
McLean	19,085	29,466	161	319	25	20					125	200	118	209	161
Mercer	24,081	28,016	902	393							118	209	161	223	6
Morton	52,279	58,246	1,703	2,072							2	3	832	817	86
Nelson	33,168	50,976	80	111							165	206	47	83	10
Oliver	14,609	13,497	218	368							6	7	30	29	59
Pembina	41,182	44,198	2,356	8,181	2	4	82	82	2,492	2,750	3,308	4,547	625	986	30
Pierce	23,265	33,546	307	485							10	190	261		
Ramsey	30,164	67,209	564	930							40	50	97	22	59
Ransom	38,925	43,616	3,103	4,137	12	10					864	561	140	212	64
Richland	62,977	67,826	6,651	7,785	46	71					1,028	1,756	922	448	197
Rolette	18,852	26,585	50	80							82	122	31	18	16
Sargent	39,982	49,202	2,080	8,912							70	61	7	20	220
Stark	69,926	64,096	152	261	10	25					13	16	674	1,082	208
Steele	26,658	29,626	5,061	6,495							968	929	245	382	590
Stutsman	39,701	49,686	1,068	2,019							197	199	164	166	229
Towner	18,386	29,762	50	80							167	268	91	133	
Traill	24,188	24,670	10,761	18,874	10	12	98	117	9,184	9,520	4,268	6,007	2,148	4,465	60
Walsh	37,545	41,550	13,294	18,143	82	42					1,961	2,288	1,999	2,584	444
Ward	28,255	48,323	674	1,411							4	8	113	247	75
Wells	28,308	85,854	1,380	2,046							30	48	177	261	20
Williams	10,799	13,248	81	65							135	205	129	286	8
Devils Lake ¹	2,973	4,900													
Fort Berthold ¹	9,102	9,225	2	2							40	40	3	5	
Standing Rock ¹	11,038	22,625	5	17									87	107	
Turtle Mountain ¹	679	1,038													

¹ Indian reservation.

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

OHIO.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Sown for forage.	Corn stalks.	
	3,548	3,563	13,048	19,552	2,799	8,944	617,516	773,857	2,276,808	2,627,989	60,813	77,749	40,689	123,068	563,149
The State.....	3,548	3,563	13,048	19,552	2,799	8,944	617,516	773,857	2,276,808	2,627,989	60,813	77,749	40,689	123,068	563,149
Adams	59	48	166	193	4	4,923	4,754	15,823	14,503	111	95	92	128	1,338	
Allen	22	80	111	140	4	8,063	10,704	30,365	36,428	301	836	78	145	320	
Ashland	15	19	6	9	12	11,628	15,300	28,949	37,192	280	310	111	338	4,804	
Ashtabula	39	61	242	309	42	1,469	2,196	62,859	82,461	418	608	2,106	9,368	2,067	
Athens			306	441	39	2,727	3,465	21,570	22,600	372	394	27	63	4,309	
Auglaize	6	7	86	50	8	12	9,560	12,593	16,025	18,449	238	272	2,816	4,086	8,463
Belmont			58	112	3	4	4,790	6,140	42,679	50,800	268	377	270	3,360	1,126
Brown			92	109	8	7	8,262	8,360	17,779	18,307	2,904	2,690	257	480	12,719
Butler	5	5	126	221	17	32	16,099	18,038	13,766	15,023	295	392	1,118	1,382	75
Carroll	2	2	4	4	2	4,350	5,076	33,589	38,123	217	182	74	275	5,202	
Champaign.....	43	45	32	41	96	281	18,678	16,726	13,138	15,029	417	446	114	160	18,851
Clark	32	31	45	59	20	9,233	10,801	15,261	18,192	56	59	411	411	4,712	
Clermont	3	4	296	337	35	3,913	4,186	24,280	21,789	902	1,203	325	326	4,701	
Clinton			59	110		6,666	8,409	16,465	19,754	422	588	117	156	13,723	
Columbiana	60	200	78	102		6,944	9,051	48,778	55,667	95	307	672	5,638	134	
Coshocton	23	14	91	123	10	10	6,605	8,035	34,387	35,928	516	551	528	754	1,587
Crawford	15	28	87	81	30	51	12,441	19,028	26,149	37,181	509	690	169	187	5,092
Cuyahoga	20	20	348	573	3,444	8,244	4,729	9,288	88,480	1,505	2,076	1,889	7,188	986	
Darke	2	2	79	158	6	7	17,684	22,433	18,714	22,522	1,255	1,491	2,726	4,370	16,287
Defiance			238	376	16	21	4,722	5,509	24,310	26,484	302	354	691	1,442	14,820
Delaware	48	80	104	192	4	6	5,849	7,011	32,314	37,984	2,216	3,453	116	608	2,468
Erie	96	106	139	148		3,280	4,050	14,188	17,411	317	618	39	74	3,494	
Fairfield	17	25	34	41	4	6	12,740	14,865	26,317	31,394	1,101	1,235	284	285	5,145
Fayette			53	95		8,853	5,162	11,821	18,484	839	892	388	509	5,093	
Franklin	47	82	727	1,187	5	8	9,622	12,193	30,664	34,708	97	1,027	596	898	11,192
Fulton	8	3	299	450	6	9	4,745	5,208	28,017	27,400	727	903	176	718	7,728
Gallia			89	118	4	8	4,259	2,597	15,788	12,844	516	553	39	156	318
Geauga	584	877	191	319		1,446	2,277	27,760	38,998	304	1,173	1,097	4,537	1,634	
Greene	905	359	207	375		9,968	12,294	14,048	17,104	624	659	365	697	17,925	
Guernsey			18	16		3,109	3,598	40,726	41,878	272	402	69	225	821	
Hamilton	106	114	614	908	1,815	2,228	5,368	6,891	20,700	23,704	1,530	2,257	2,375	8,541	584
Hancock			90	121	29	44	7,028	8,805	36,571	48,046	2,498	2,903	123	275	8,921
Hardin			64	103	12	28	9,140	12,904	32,786	40,666	468	717	100	109	6,907
Harrison			7	8		2,165	3,182	37,801	44,300	285	603	135	754	1,558	
Henry	6	4	200	359		8,778	4,558	18,408	22,508	710	872	118	188	3,830	
Highland			95	129	9	27	5,909	7,182	27,182	29,626	1,171	1,162	115	126	12,844
Hocking			1	2		3,779	3,504	16,439	14,708	1,304	1,044	42	40	1,180	
Holmes	25	88	15	21	20	80	6,975	9,572	24,700	30,966	105	181	52	80	40
Huron	12	28	267	879		12,722	16,555	35,220	44,557	4,772	6,092	374	1,197	3,918	
Jackson			137	144		788	768	18,377	12,610	241	166			3,949	
Jefferson			74	120		3,760	4,914	31,404	36,316	2,226	2,916	188	1,569	674	
Knox	7	18	144	188	24	80	11,911	14,260	32,841	36,700	444	555	87	94	12,166
Lake	3	3	209	297	6	15	666	995	14,757	16,787	83	120	196	656	544
Lawrence	1	1	582	882		1,788	1,535	7,027	6,410	74	81	160	903	1,050	
Licking			116	189		12,788	15,677	45,015	50,569	1,078	1,164	835	488	13,585	
Logan	15	15	113	149	53	122	18,141	16,398	20,833	23,462	160	218	110	103	12,870
Lorain			40	62		5,748	8,165	50,474	68,389	268	818	932	4,406	3,882	
Lucas	82	85	575	872	10	87	1,027	2,447	18,843	17,364	613	1,280	848	4,217	5,886
Madison			174	281		7,902	9,799	13,019	14,029	255	881	779	1,325	26,284	
Mahoning			155	245	5	5	6,311	8,751	30,988	38,697	272	818	1,190	4,317	3,778
Marion	82	58	297	474	6	6	11,289	13,692	19,336	21,625	918	1,052	68	64	
Medina			23	27	12	15	9,721	11,866	30,988	40,592	842	1,822	1,083	3,835	4,875
Meigs			105	150	7	7	2,072	2,842	18,215	16,092	387	448	98	167	658
Mercer	100	60	27	42	9	19	11,541	15,633	21,783	26,604	2,266	2,764	527	621	35,560
Miami	11	6	72	99	6	12	12,102	13,762	11,757	18,496	288	617	284	348	16,248
Monroe	1	1				2,693	3,018	28,102	28,762	201	292	89	40	4,586	
Montgomery	85	20	98	128	85	98	18,998	16,718	17,561	20,644	460	641	480	1,093	13,080
Morgan			68	128		8,819	4,812	28,088	25,270	57	81	4	11	2,605	
Morrow			81	129	17	38	11,147	14,632	28,194	33,217	111	135	83	108	9,632
Muskingum	6	6	872	466	29	80	6,559	7,365	43,299	42,600	218	318	641	775	2,645
Noble			15	80	4	5	2,086	2,268	28,498	27,122	2,122	1,848	102	159	2,368
Ottawa	6	6	82	126	35	77	1,572	1,920	15,943	19,712	916	1,222	89	73	178
Paulding	6	3	285	445	8	2	2,025	2,884	17,527	19,815	491	560	56	64	8,274
Perry	8	7	51	68			5,889	6,713	28,252	24,164	186	210	32	39	8,168
Pickaway	14	22				9,688	11,282	11,485	12,497	784	606	408	428	9,644	
Pike	3	3	826	883		8,580	8,499	12,188	8,880	87	118	88	82	2,273	
Portage	49	81	159	255	43	8	6,105	8,977	38,802	45,694	492	1,019	1,718	9,582	6,635
Preble	3	3	138	158	11	14	11,948	13,791	9,007	10,215	384	896	289	472	20,555
Putnam			84	116	2	4	5,847	7,813	23,828	27,923	367	403	167	188	9,803
Richland			52	73		14,950	20,001	27,783	36,609	469	556	37	161	13,460	
Ross	4	6	525	727	17	46	8,081	9,877	15,354	15,410	2,461	2,752	108	149	1,978
Sandusky	2	8	54	80	28	43	9,259	11,282	19,409	23,955	184	220	156	674	8,860
Scioto	520	528	5	5	8	6	2,605	2,508	12,029	11,177	129	133	67	196	2,638
Seneca			16	17	34	39	13,468	15,493	34,015	48,269	287	385	146	214	

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

OHIO—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	
Van Wert.....			124	215	3	5	5,696	7,978	27,799	33,261	2,707	3,111	253	336	256
Vinton.....	2	3	181	168			1,289	1,153	15,543	11,761	115	102	4	6	113
Warren.....			453	705	20	38	8,056	9,847	18,348	19,797	266	276	199	405	7,964
Washington.....			260	339	154	154	2,065	2,200	35,955	33,739	150	178	95	152	3,720
Wayne.....	15	25	80	117	17	24	15,430	21,503	38,681	55,819	476	806	529	793	12,607
Williams.....	83	93	170	299	23	35	3,716	4,334	31,948	33,615	729	761	517	886	9,236
Wood.....	3	6	290	496	27	39	6,790	8,273	28,573	33,703	698	684	117	166	16,923
Wyandot.....			45	72	1	2	13,215	18,405	26,325	34,033	414	623	162	231	140

OKLAHOMA.

The Territory..	336,977	368,121	33,827	60,788	15,116	27,563	843	480	9,895	11,975	25,039	58,446	275,116	609,923	8,159
Beaver.....	30,412	36,531	428	580	3,265	5,026			80	40	152	428	13,628	23,382	90
Blaine.....	3,703	4,643	1,160	2,221	148	234			408	445	2,045	4,842	4,863	8,683	
Canadian.....	11,151	11,620	930	2,023	694	1,350	6	5	243	345	992	2,630	4,377	8,764	701
Cleveland.....	4,006	4,217	1,744	2,571	1,236	2,049	15	23	180	189	353	412	649	1,156	101
Custer.....	5,282	5,250	3,821	6,536	122	239			28	57	84	164	14,422	27,230	162
Day.....	3,167	5,971	991	2,484	60	175			10	25	775	1,952	2,704	7,318	
Dewey.....	2,612	3,000	1,472	3,257	22	34			508	1,217	1,802	3,894	12,065	24,609	
Garfield.....	24,978	29,180	870	1,785	548	1,031	51	63	798	1,316	594	1,588	15,816	35,828	456
Grant.....	30,268	31,668	706	1,712	1,045	2,121	2	7	59	75	693	1,075	11,293	27,047	119
Greer.....	7,944	14,406	4,233	7,097	41	81			345	647	158	287	21,846	46,959	53
Kay.....	26,070	28,527	915	2,214	1,804	3,815	76	145	106	144	409	1,108	3,306	9,489	481
Kingfisher.....	6,971	8,013	683	931	586	1,024	10	5	117	183	125	279	11,976	27,407	360
Lincoln.....	19,757	16,348	1,148	1,405	436	1,774	12	10	325	339	615	1,340	8,892	16,991	2,055
Logan.....	11,280	8,568	829	1,444	1,168	2,257	4	5	681	901	1,897	4,715	11,770	21,271	185
Noble.....	17,894	14,174	817	1,355	402	879	3	10	2,301	1,893	276	828	7,212	15,768	34
Oklahoma.....	12,782	11,906	481	745	748	1,569	53	59	234	272	669	1,161	4,690	9,368	289
Pawnee.....	17,249	17,908	697	938	157	261	5	10	271	265	116	331	6,026	11,862	5
Payne.....	18,634	15,083	2,871	5,117	377	749	18	21	1,805	1,362	136	251	12,675	25,173	14
Pottawatomie.....	7,187	6,655	361	594	112	202			86	132	205	324	2,457	5,370	1,211
Roger Mills.....	4,435	7,862	221	349	108	198	51	70	62	123	62	130	7,006	14,101	
Washita.....	6,349	5,844	2,828	4,585	77	217			179	233	110	149	12,154	21,637	53
Woods.....	26,078	33,909	1,029	2,597	930	1,630	14	25	50	100	3,998	11,296	62,494	165,688	1,597
Woodward.....	16,532	19,448	1,007	1,833	955	648	20	16	542	929	8,743	10,202	15,853	35,504	20
Osage and Kaw ¹	18,080	21,292	1,613	5,011	521	1,222			307	604			4,686	11,117	170
Ponca and Otoe ¹	2,008	2,228	337	476	2	4							1,694	4,230	
Wichita, Klowa and Comanche ¹	644	858	445	788	58	210			80	156			406	971	

OREGON.

The State.....	202,680	234,220	598	970	63,612	145,875	31,885	70,341	189,183	323,734	245,759	320,735	8,100	21,525	486
Baker.....	17,538	23,295	12	18	6,653	16,573	656	1,037	10,911	17,399	3,817	6,303	967	980	
Benton.....	218	273	1	2			94	182	5,962	10,606	3,850	6,589	175	504	
Clackamas.....	243	305	1	1	914	2,044	7,187	15,003	11,039	20,656	2,023	3,215	472	1,129	
Clatsop.....	31	40					268	573	8,186	6,462	965	2,124	68	398	
Columbia.....	2,527	2,742	4	6	4	17	1,334	2,566	4,817	10,125	679	1,285	208	1,639	
Coos.....	193	423			1	4	1,782	4,864	3,932	9,955	1,456	3,760	276	3,063	
Crook.....	9,338	11,398			3,100	10,106	124	293	2,229	2,450	12,898	15,505	770	858	
Curry.....	22	27	5	15	11	26	169	513	1,642	3,302	600	1,510	75	705	
Douglas.....	607	857	20	30	229	432	7	6	8,825	13,641	14,489	20,306	529	900	1
Gilliam.....	1,405	1,475			682	2,411			30	20	17,185	15,272			
Grant.....	4,121	4,031	1	1	2,285	5,308	60	120	9,674	15,120	8,881	11,201	19	28	8
Harrison.....	45,885	47,581			2,123	4,706	300	500	910	14,054	853	814	1,014		
Jackson.....	1,413	1,674	12	16	5,258	15,092	28	87	6,759	8,834	13,744	16,995	328	507	35
Josephine.....	900	1,059	16	32	788	1,820	1,082	2,709	1,388	2,309	4,458	4,948	89	121	71
Klamath.....	22,092	24,972	75	50	2,790	7,319	40	40	948	1,107	11,028	11,740			
Lake.....	38,096	40,374	3	7	994	2,582	1	4	3,529	3,739	928	1,270	100	80	
Lane.....	997	1,356	12	15	216	515	299	650	14,054	22,199	10,783	17,200	570	1,865	
Lincoln.....	406	573	6	12			152	376	2,378	4,537	416	714	4	12	
Linn.....	507	667	46	72	120	250	749	1,580	17,250	25,789	8,057	11,367	549	1,385	
Malheur.....	28,828	35,067	215	276	11,093	27,443	181	301	820	1,496	2,206	3,286	122	184	10
Marion.....	107	222	15	17	7	9	3,317	6,967	11,823	19,932	6,452	10,917	510	2,054	26
Morrow.....	20	20	15	15	2,914	10,666	10	20	1,469	2,240	10,884	13,501	274	302	
Multnomah.....	2,000	2,882	26	50	19	59	2,155	4,845	7,516	16,113	1,331	2,603	327	528	
Polk.....	162	221			53	112	600	1,057	6,696	12,153	3,549	5,842	28	81	
Sherman.....	180	165			33	53	4	4	281	352	16,729	18,308			
Tillamook.....	595	1,313	6	12	2	7	14	30	6,523	15,106	805	1,830	175	807	
Umatilla.....	1,744	1,944			3,934	13,241	428	1,839	2,420	4,087	22,167	31,833	14	30	
Union.....	10,860	17,024	12	23	4,628	12,206	442	971	17,477	30,296	11,335	14,849	63	133	4
Wallowa.....	1,132	1,636	3	6	958	2,103	67	158	3,541	5,533	17,471	25,898	294	451	
Wasco.....	1,007	1,469	2	2	810	2,328	419	602	721	973	20,519	23,318	359	324	

¹ Indian reservation.

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

OREGON—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.	Corn stalks.	
	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	
Washington	416	666	16	32	18	62	8,770	20,462	10,542	19,888	2,457	4,256	373	2,167	1
Wheeler	1,158	1,606	2,958	8,114	1	2	1,216	2,582	1,439	1,884	7,514	9,782	51	72	.....
Yamhill	250	400	10	10					8,007	13,763	3,033	3,982	157	548	6
Grande Ronde ¹									6	10	357	646			
Klamath ¹	7,808	6,253							50	44	614	581	40	25	
Siletz ¹	199	240							13	21	60	65			
Umatilla ¹			64	250	16	40					1,335	1,920	77	104	
Warm Springs ¹	55	70							868	1,100					

PENNSYLVANIA.

The State.....	3,930	4,203	8,555	13,533	52	72	293,683	336,072	2,873,126	3,174,110	44,729	57,821	45,366	181,023	253,554
Adams	10	12	44	56					4,545	5,181	49,328	57,816	384	429	3,093
Allegheny	50	50	473	602	4	10			1,837	2,262	61,271	62,369	3,593	4,275	800
Armstrong			24	26					2,788	2,913	43,883	42,762	990	1,099	82
Beaver			104	144					1,023	2,048	37,673	35,620	351	367	282
Bedford	30	41	66	63	3	8			6,031	6,598	25,016	27,926	399	406	1,076
Berks	84	111	47	59	7	12	24,791	28,525	87,206	90,924	927	616	290	583	8,798
Blair			17	27					8,383	8,964	13,526	15,019	145	220	681
Bradford	29	47	381	803					1,473	1,659	125,555	117,841	1,673	2,225	3,817
Bucks	12	9	806	1,120					4,740	4,478	86,659	80,787	636	899	20,424
Butler	13	34	63	97					2,651	3,173	67,413	70,087	612	750	1,047
Cambria			20	28					1,525	1,892	35,444	36,207	232	323	91
Cameron	7	7	37	48					30	30	4,099	4,723	18	30	51
Carbon			108	147					1,986	1,620	7,277	6,322	95	117	112
Center			15	25					3,937	4,478	30,958	35,639	770	889	47
Chester	5	8	790	1,432					13,884	16,297	86,070	102,886	2,701	4,486	1,274
Clarion	1	1	15	8					2,901	3,406	40,629	45,347	144	291	146
Clearfield	24	47	33	44					1,624	1,728	35,535	31,780	1,015	1,237	298
Clinton			23	34					608	628	14,052	14,312	155	174	41
Columbia			56	159					5,576	6,387	22,693	27,617	168	219	225
Crawford	14	19	24	42					2,980	4,510	126,808	170,460	682	959	1,239
Cumberland			10	11					9,823	10,874	40,467	47,319	601	748	308
Dauphin	10	15	80	118					12,917	14,292	38,935	43,468	224	324	71
Debtware	7	13	429	905					1,529	2,264	17,321	21,872	323	658	780
Elk	14	12	18	85					691	725	9,850	11,101	2,453	2,801	222
Erie			103	153					3,341	4,777	91,440	125,878	651	972	2,031
Fayette	13	15	441	680	16	20			3,097	8,997	39,773	44,314	2,301	2,717	982
Forest	7	2	15	27					309	405	6,709	6,934	25	15	109
Franklin	88	98	32	35					8,536	10,012	55,758	66,577	3,512	8,897	1,749
Fulton	32	35	29	32					1,637	1,867	9,843	10,736	772	936	195
Greene			80	70					730	820	89,775	37,602	123	141	78
Huntingdon	51	62	103	114					4,948	5,448	23,417	26,801	47	52	342
Indiana	51	33	121	184					2,501	2,964	49,342	49,357	869	888	134
Jefferson			29	35					2,699	3,003	35,940	37,143	216	248	268
Juniata			7	7					2,560	2,701	19,133	20,273	109	122	28
Lackawanna	10	10	91	177					1,077	1,219	29,800	29,190	1,048	981	938
Lancaster	9	16	141	284	4	2	25,143	31,241	91,526	112,217	1,474	1,855	1,304	1,974	22,620
Lawrence	16	19	26	40					2,116	2,817	83,611	40,418	399	278	1,043
Lebanon	90	90	40	51	7	8	0	2,760	2,924	39,638	45,675	168	193	10	
Lehigh	708	693	27	37	1	2	12,184	11,359	24,326	25,943	130	137	246	838	639
Luzerne	31	34	306	503					1,077	1,219	29,800	29,190	1,048	981	2,590
Lycoming			17	28					2,254	2,284	42,111	43,716	287	363	196
McKean	12	5	120	166					283	421	32,563	39,256	1,077	1,366	76
Mercer	5	5	22	33	2	8	8,206	10,620	68,410	78,946	416	738	968	2,650	4,582
Mifflin	23	21	22	35					7,023	9,654	10,988	14,123	1,490	1,742	493
Monroe			286	198	60	70			392	10,274	16,472	18,980	91	126	53
Montgomery	262	261	783	1,144					10,089	11,309	70,980	72,850	888	1,159	1,761
Monroe									352	458	18,256	19,267	93	148	65
Northampton	54	60	45	60	2	2	4,307	3,786	31,522	31,288	98	121	365	1,107	5,503
Northumberland	2	2	38	63					9,848	10,943	23,661	28,444	222	336	97
Perry			25	29					5,700	5,820	27,381	29,727	283	249	188
Philadelphia	659	826	326	400					263	357	6,474	8,159	254	409	36
Pike	352	373	46	52					34	58	6,483	6,200	104	157	112
Potter			193	385					285	400	48,647	56,761	807	889	753
Schuylkill	14	14	206	254	1	2	4,054	4,707	33,504	39,372	591	711	106	128	2,037
Snyder			15	19	5	10	10,240	12,936	18,297	20,277	80	119	29	27	3,873
Somerset	158	146	30	45					7,689	9,630	51,928	62,346	266	435	402
Sullivan	20	12	15	26					104	116	16,275	16,026	20	21	59
Susquehanna	7	10	845	657					225	255	105,507	103,183	1,302	1,609	24,000
Tioga			58	105					773	989	110,792	113,958	845	1,344	2,058
Union					22	25			950	1,142	19,446	24,650	133	200	125
Venango	2	2	3	7					1,412	1,654	41,506	42,794	317	394	344
Warren	3	5	81	173					196	359	42,948	57,077	492	1,020	1,228
Washington	15	17	193	345					5,418	7,306	77,415	89,197	1,888	2,667	1,099
Wayne	58	76	205	430					133	117	66,188	68,103	159	275	1,081
Westmoreland			267	405					6,019	7,282	66,423	78,029	1,000	1,181	2,300
Wyoming	24	44	17	19					254	244	28,125	18,505	322	462	811
York	558	584	47	83					14,874	14,650	38,626	39,051	1,032	1,672	605

¹ Indian reservation.

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

RHODE ISLAND.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.	Corn stalks.	
		Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.
The State.....	1,242	1,216	847	1,484	2	2	612	932	60,420	58,031	3,870	6,003	2,783	7,742	1,510
Bristol.....	67	65	11	16			3	5	1,624	1,916	150	255	60	138	61
Kent.....	460	413	179	355			109	199	6,441	477	793	380	994	222	
Newport.....	97	103	15	18	2	2	103	119	12,066	11,312	573	779	173	380	93
Providence.....	247	805	559	979			273	412	22,690	24,793	1,856	2,947	1,729	5,203	353
Washington.....	371	380	83	116			124	197	18,042	18,569	814	1,229	441	1,027	781

SOUTH CAROLINA.

The State.....	954	985	474	806	18	31	1,485	1,728	50,783	51,608	48,918	47,912	8,592	5,816	104,963
Abbeville.....	1	1	22	40			60	89	477	553	1,817	2,146	91	112	2,252
Aiken.....	29	17	2	2			10	10	1,812	1,955	2,552	2,418	271	542	8,188
Anderson.....	18	21	16	18	1	5	1	1	2,070	2,428	2,854	2,082	229	434	2,393
Bamberg.....									262	272	58	64		2,470	
Barnwell.....	4	4	4	7	2	6	89	87	918	942	732	755	188	165	3,802
Beaufort.....	12	10							630	522	51	48	74	110	1,116
Berkeley.....	12	11	48	64			5	9	749	723	446	466	72	227	1,844
Charleston.....	8	5	235	442			2	2	786	992	272	376	150	418	255
Cherokee.....	56	54					27	49	464	495	647	639	127	275	1,366
Chester.....	169	160	1	1	8	6	197	218	749	648	1,749	1,827	100	53	2,047
Chesterfield.....									461	462	828	795	89	76	2,651
Clarendon.....			1	1					848	808	1,905	1,385	128	61	3,006
Colleton.....	5	5	2	8					910	890	800	244		3,404	
Darlington.....									1,821	1,540	8,694	8,220	37	42	3,592
Dorchester.....	20	10					28	61	308	255	31	34		1,457	
Edgefield.....									1,122	1,021	897	1,019	19	38	3,352
Fairfield.....			15	23	1	2	28	27	3,256	2,908	752	768	12	7	2,978
Florence.....	4	2					19	26	1,603	1,420	1,136	1,082	22	55	2,169
Georgetown.....			1	1			6	5	216	282	139	189	1	2	285
Greenville.....	81	29	3	5	2	8	281	261	1,296	1,896	1,510	1,925	164	217	4,004
Greenwood.....	1	5	70	122			61	46	815	778	2,084	1,984	245	398	1,309
Hampton.....	10	15					70	50	1,760	2,164	432	411		1,669	
Horry.....	34	18					10	20	416	376	680	613	8	10	1,719
Kershaw.....							5	5	2,363	2,422	928	768	50	91	3,033
Lancaster.....							97	148	1,407	1,110	1,023	969	12	36	2,203
Laurens.....	80	23	1	1	4	6	66	71	1,066	1,294	2,192	2,258	317	565	2,843
Lexington.....			2	5	4	6	66	71	2,684	2,981	2,181	2,168	90	92	3,239
Marion.....					4	6			726	744	755	802	34	42	3,472
Marlboro.....							38	40	1,252	1,238	600	541		3,195	
Newberry.....	188	244	5	4			6	4	1,300	1,868	3,015	2,680	22	16	2,504
Oconee.....	26	25	5	8			18	14	1,105	1,301	1,059	1,328	141	156	2,289
Orangeburg.....	15	21	1	1	8	2	4	2	2,588	2,808	2,014	1,614	149	88	6,570
Pickens.....	11	18	20	35			17	19	456	451	716	818	38	54	1,008
Richland.....	89	38	6	8			11	10	2,952	2,993	2,467	2,548	172	766	2,097
Saluda.....	7	7					30	32	1,454	1,607	753	660	112	54	2,781
Spartanburg.....	54	71	3	4			145	148	2,088	984	1,057	196		260	1,769
Sumter.....							2	5	2,100	2,165	1,766	1,446	80	104	5,753
Union.....	23	15					78	74	989	1,067	161	208	47	184	1,852
Williamsburg.....	12	8	1	1					1,071	971	1,224	1,189	82	88	3,715
York.....	145	148	10	10			76	182	1,777	1,818	2,069	1,573	116	88	6,076
Catawba ¹									1	1					

SOUTH DAKOTA.

The State.....	2,066,400	2,043,405	126,260	195,243	13,029	28,265	2,573	4,614	21,573	28,517	27,071	82,420	80,960	45,928	5,382
Aurora.....	48,640	40,782	2,095	2,609	15	80			10	20	145	284	901	950	257
Beadle.....	74,499	68,442	8,448	2,866					1	1	500	561	2,461	3,621	30
Bonhomme.....	49,331	58,237	1,309	2,657	248	767	85	27	7	19	65	385	709	21	
Brookings.....	29,202	34,839	2,795	3,806			30	30	4,276	5,128	478	956	487	1,194	806
Brown.....	95,850	88,414	18,145	17,795					109	109	179	166	235	485	100
Brule.....	60,051	48,041	621	884	100	90			3	4	322	359	801	560	
Buffalo.....	12,614	9,226	210	135			23	48	248	382	2,351	2,445	263	880	703
Butte.....	25,302	22,732	240	288	2,881	5,821					137	235	255	480	377
Campbell.....	46,389	41,558	390	544							375	652	1,941	275	
Charles Mix.....	56,209	50,557	2,041	8,102	34	80			6	5	270	244	805	1,248	
Clark.....	48,216	58,660	8,400	4,649	84	44			25	28	104	187	506	919	100
Clay.....	25,818	43,862	5,048	12,177	204	578	92	190	113	145	446	1,005	208	728	108
Codington.....	27,458	34,231	1,878	2,565					381	476			80	50	
Custer.....	5,609	6,970	435	680	1,424	8,748	2	2	375	652	1,941	8,102	275	862	80
Davison.....	34,362	81,743	8,970	5,570	84	143			27	30	881	1,458	899	956	883
Day.....	55,877	72,868	5,180	7,885					300	408	188	107	70	280	
Deuel.....	30,410	88,473	674	915			7	18	2,680	2,771	325	397	84	109	
Douglas.....	24,247	28,257	880	1,460					70	70	275	388	600	600	45
Edmunds.....	49,050	45,042	2,195	8,287	546	1,577			28	25	727	692	1,596	2,074	178
Fall River.....	2,322	2,034	90	140											

¹ Indian reservation.

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

SOUTH DAKOTA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	
Faulk	46,716	50,548	966	1,111					25	40			8	40	
Grant	36,086	38,523	2,267	3,438			12	12	193	222	90	124	503	1,558	
Gregory	6,162	7,055	999	1,793	8	24	1	2			59	77	6	10	
Hanfilln	24,289	29,202	2,066	2,018			1	2	497	407	71	89	209	909	50
Hand	74,092	62,622	3,695	4,084					65	190	57	26	1,357	1,824	180
Hanson	23,559	25,427	2,342	3,614					41	57	24	50	710	1,411	
Hughes	23,726	18,500	700	804	5	10	12	11			5	6	227	311	
Hutchinson	73,524	68,958	1,890	8,646	47	102			10	10	80	102	18	51	
Hyde	34,676	28,183	879	1,278	26	41			11	16			282	1,005	
Jerauld	40,420	38,301	721	716							207	264	226	262	
Kingsbury	38,394	45,761	5,034	7,130			18	25	532	724	91	124	1,340	1,436	40
Lake	18,642	24,288	3,492	6,617	25	50			816	400	32	64	88	104	
Lawrence	3,285	2,805	1,735	1,799	8,009	5,818	98	151	6,062	7,087	2,871	3,071	200	301	15
Lincoln	23,216	29,187	4,979	11,236	399	774	476	853	282	507	165	320	869	1,109	
Lyman	17,425	16,571	189	216	30	100					24	20	412	548	
McCook	34,705	34,586	1,646	2,050					44	88			10	20	
McPherson	51,619	56,389	605	1,005							8	16			85
Marshall	37,189	40,889	4,144	5,770	6	12			38	31	53	62	97	180	16
Meade	16,040	13,150	870	926	1,755	2,977			434	507	6,884	6,202	6,569	6,514	199
Meyer	500	540											11	20	
Miner	27,124	28,510	2,910	8,893	14	28	84	186	1,481	2,875	863	723	321	901	
Minnehaha	51,112	64,280	5,655	10,861			1	2	20	34	1,507	1,992	15	215	
Moody	24,169	26,324	3,121	5,202	1,518	4,102	981	1,881	530	916	8,710	3,910	1,774	1,433	5
Pennnington	15,591	14,094	489	714							73	181	18	41	
Potter	47,158	31,808	191	281											
Roberts	74,202	74,591	851	1,327	5	10	10	10	83	76	50	67	207	751	45
Sanborn	45,686	39,813	1,117	1,296					7	12	251	375	808	884	174
Spink	38,785	75,360	9,289	11,112					30	34	1,180	1,285	2,622	2,947	180
Stanley	17,242	15,276	1,690	1,010									42	32	
Sully	74,580	41,294	1,500	2,062	8	4					95	171	95	429	
Turner	37,079	43,350	4,089	8,185	174	362	165	344	94	180	441	880	185	560	661
Union	24,747	38,385	3,558	8,549	175	266	316	556	824	1,677	226	614	577	1,666	86
Wauworth	48,629	40,564	187	227							36	52	26	116	53
Washington	80	80													
Yankton	39,001	44,881	2,471	5,745	265	511	84	147	38	40	311	787	816	2,838	70
Crow Creek ¹	2,639	3,212	26	35	80	40							2	10	
Lower Brule ¹	1,817	1,515													
Pine Ridge ¹	13,940	13,940			8	30						10	20		
Rosebud ¹	20,873	19,839	298	436	4	4	160	135				15	20		

TENNESSEE.

The State.....	11,528	10,444	97,576	104,690	654	1,173	104,184	106,829	218,821	222,795	181,318	184,946	81,586	48,578	128,270
Anderson	216	428	1,394	1,589	8	4	797	863	3,603	3,757	1,288	1,278	872	759	1,677
Bedford	49	26	3,632	2,029			2,596	2,966	8,035	8,077	3,847	3,524	488	702	424
Benton	7	8	750	1,001			107	87	882	882	420	8,278	58	68	179
Bledsoo	150	124	198	226			220	177	2,272	2,012	1,028	1,811	849	2,559	3,834
Blount	615	495	2,175	2,087			1,935	1,829	3,809	4,413	2,433	2,602	905	1,824	8,274
Bradley	204	185	639	695			697	547	3,405	3,082	1,877	1,703	305	338	2,549
Campbell	48	41	1,400	1,678	2	4	1,164	1,082	2,159	1,715	884	886	482	482	978
Cannon			2,295	2,834			848	830	222	254	921	1,014	248	472	84
Carroll	46	37	76	99			399	410	1,046	1,005	7,902	8,214	703	747	999
Carter	2	4	744	714	36	48	839	769	3,058	2,808	252	855	82	27	712
Cheatham	1	1	562	533			1,019	1,112	425	394	96	79	20	29	76
Chester	89	75	43	83			104	168	803	767	1,813	1,066	368	890	598
Clayborne	18	39	814	879			1,004	952	8,165	8,570	276	369	80	48	2,787
Clay	3	3	421	272			250	218	267	208	976	816	144	191	416
Cooke	9	14	611	635	2	2	1,294	1,271	2,144	2,217	163	167	48	58	1,858
Coffee	71	57	1,219	1,168	3	4	356	497	1,677	1,806	3,570	3,599	199	321	861
Crockett	17	18	707	608			398	528	3,181	3,017	2,638	2,837	632	1,947	877
Cumberland	451	889	1,216	1,220	20	30	207	217	1,480	1,508	1,388	1,261	402	457	285
Davidson	6	15	8,102	8,129	93	128	2,944	3,873	5,601	6,121	5,460	6,124	1,183	2,492	727
Decatur	4	8	155	201	4	4	120	117	468	579	943	956	16	22	90
Dekalb			2,197	3,214			703	901	1,669	1,618	823	894	223	406	424
Dickson	55	41	577	551	10	10	1,342	1,028	1,746	1,597	1,386	1,219	88	80	925
Dyer	4	4	49	69	3	2	8,380	4,140	1,848	2,220	1,704	1,989	279	478	420
Fayette	641	706	67	97			46	61	2,413	2,544	2,414	2,774	103	195	2,878
Fentress	261	207	373	316			668	676	322	297	128	72	22	22	81
Franklin	105	92	1,070	1,217			592	558	1,485	1,404	5,141	4,643	492	547	1,865
Gibson	79	54	81	115			1,975	2,283	9,506	9,657	6,656	7,580	398	584	581
Giles	39	21	1,480	1,604	1	1	1,342	1,288	1,167	1,099	1,422	1,466	518	1,878	927
Grainger	29	29	1,100	1,141			664	614	1,725	1,585	948	939	76	77	2,896
Greene	162	246	1,448	1,483			4,071	8,518	18,674	18,281	709	671	259	269	6,478
Grundy	56	45	802	313	2	8	228	248	345	319	1,451	1,492	162	173	186
Hamblen	11	11	2,048	1,755			1,415	1,128	1,975	2,036	712	778	239	886	759
Hamilton	515	583	2,941	8,819	377	6	818	805	988	1,168	1,463	1,455	597	780	956
Hancock	4	4	402	377	6	5	479	435	1,599	1,591	101	181	26	48	844
Hardeman	96	184	81	122	3	6	190	250	2,612	2,413	1,886	1,886	72	91	1,346

¹ Indian reservation.

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

TENNESSEE—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Sown for forage.	Corn stalks.	
Hardin.....	55	61	453	480			235	310	369	412	1,614	1,599	203	252	254
Hawkins.....	2	1	1,425	1,364			2,950	2,661	8,753	9,470	1,110	1,237	279	343	3,447
Haywood.....	48	58	69	103			31	51	854	329	2,966	2,863	72	80	454
Henderson.....	5	9	46	47					345	535	1,265	1,428	4,552	4,192	
Henry.....	328	243	370	363					2,989	2,969	2,043	1,942	6,036	6,162	214
Hickman.....	20	18	438	653			1	4	928	1,254	1,070	1,180	1,641	2,027	371
Houston.....	2	2	434	475					609	543	618	404	408	425	8
Humphreys.....	16	16	1,050	1,179					840	712	904	904	3,404	3,186	126
Jackson.....	73	56	585	786			1	6	652	763	164	177	1,285	1,393	71
James.....	202	167	501	589					469	428	795	647	429	359	476
Jefferson.....	537	196	2,824	3,111			25	13	2,668	2,257	5,558	5,616	1,020	981	2,041
Johnson.....			28	36					211	185	4,814	4,214	10	10	1,768
Knox.....	879	476	8,224	8,250			21	34	2,592	2,342	9,408	10,130	4,572	4,270	2,191
Lake.....	1	1	34	88			113	125	317	382	364	361	133	171	13
Lauderdale.....	2	2	62	67			12	36	902	1,040	2,094	1,974	2,250	1,872	221
Lawrence.....	1	1	607	593			8	7	245	214	1,098	1,085	477	450	74
Lewis.....	22	17	104	109					535	543	20	17	767	691	200
Lincoln.....	20	19	2,221	2,458					413	324	1,971	1,969	481	594	825
Loudon.....	145	116	613	810					865	768	2,321	2,116	1,621	1,820	3,844
McMinn.....	1,286	1,047	2,081	2,152					978	739	4,295	4,217	2,375	2,582	1,418
McNairy.....	279	273	28	33					45	41	579	565	2,070	2,248	11
Macon.....	72	58	1,961	1,858					1,010	917	231	238	1,119	1,064	377
Madison.....	10	8	210	267					668	665	1,444	1,455	5,153	4,987	297
Marion.....	102	98	324	337					115	128	1,012	843	3,482	2,719	372
Marshall.....	26	16	3,056	3,367			7	13	475	364	2,379	2,465	812	593	660
Maury.....	16	16	1,571	1,757			11	23	3,699	4,701	1,623	1,829	2,446	2,999	801
Meigs.....	966	913	405	436					379	384	1,424	1,242	1,471	1,411	320
Monroe.....	259	327	912	1,291			2	2	1,072	908	3,456	3,355	2,650	2,624	1,180
Montgomery.....	77	69	356	446			102	444	2,390	2,442	2,931	3,401	738	679	369
Moore.....	2	2	393	461					93	92	916	517	577	22	37
Morgan.....	379	341	690	758					180	107	2,032	1,877	882	728	176
Oblion.....	455	413	86	127					6,204	7,051	2,860	3,804	3,074	3,558	452
Overton.....	84	72	1,323	1,320					257	286	411	354	1,677	1,342	70
Perry.....	10	5	138	205					335	336	227	286	1,269	1,149	404
Pickett.....	4	7	424	497					809	803	119	85	678	612	251
Polk.....	219	227	59	83					112	128	3,513	3,644	302	317	632
Putnam.....	29	21	991	1,469			3	2	236	266	1,099	825	1,576	1,667	274
Rhea.....	198	133	757	763			11	13	566	498	1,654	1,460	1,487	1,289	642
Rome.....	466	433	1,364	1,621			9	9	486	438	4,726	4,744	1,808	1,812	185
Robertson.....	2	1	166	155					2,627	3,071	1,381	1,508	2,110	2,583	121
Rutherford.....	18	13	8,370	8,460					2,081	2,092	1,570	1,517	4,916	4,603	1,601
Sevier.....	166	155	870	906			12	11	147	143	1,089	1,034	126	151	1,450
Sequatchie.....	41	19	205	178					13	18	441	264	1,133	800	82
Sevier.....	30	22	1,056	970			11	7	2,083	2,567	3,779	3,715	895	875	734
Shelby.....	4	3	119	150					302	455	8,446	4,084	4,000	4,616	121
Smith.....	51	29	1,752	2,682			17	15	1,833	2,282	1,607	2,148	1,895	2,350	280
Stewart.....	45	44	496	593			5	10	1,073	1,027	1,715	1,847	911	915	64
Sullivan.....	5	9	1,001	857			11	7	3,085	3,536	6,403	6,576	671	765	514
Sumner.....	38	41	1,889	2,039					1,305	1,495	4,185	4,665	2,698	3,584	909
Tipton.....	11	11	81	49					210	270	2,794	2,876	1,859	1,900	64
Trousdale.....			400	514			1	3	310	280	717	777	1,057	1,221	409
Unicoi.....			97	109					826	209	1,008	965	85	28	53
Union.....	52	58	1,810	1,547			1	1	747	848	1,950	2,113	241	177	10
Van Buren.....	4	5	195	180					16	18	867	695	445	8	7
Warren.....	62	78	2,199	2,165			1	2	47	57	781	731	4,667	4,309	233
Washington.....	64	40	1,101	919					4,425	3,529	5,707	6,276	962	1,026	341
Wayne.....	15	10	293	364					670	610	343	404	581	514	227
Weakley.....	25	28	265	215					1,774	1,708	3,660	3,512	6,920	6,780	984
White.....	140	88	848	730					291	268	680	655	3,352	2,856	126
Williamson.....	20	14	1,709	2,479					8,553	4,424	1,664	1,660	2,086	2,492	586
Wilson.....	111	189	3,609	4,173			50	90	2,823	3,115	4,199	4,581	3,744	4,008	1,820

¹The following counties do not report the production of hay and forage: Cochran, Crane, Loving, Winkler, and Youkum.

TEXAS.

The State ¹	296,070	280,145	152,750	234,680	18,999	83,394	1,940	3,844	63,605	88,645	52,051	87,278	862,600	738,971	27,853	
Anderson.....	16	20	461	484	120	182	6	6	24	58	1,134	1,706	818	583	498	
Andrews.....					60	65			36	82	71	56	9	9	14	
Angelina.....	2	4											87	65		
Aransas.....													8	24		
Archer.....	115	149	3,686	6,388							25	87	1,642	3,468	4,856	9,844
Armstrong.....	1,135	910	2,392	8,000	150	491			409	470	1,618	3,495	5,030	7,990		
Atascosa.....	107	112	29	26	52	95			136	163	722	1,801	1,963	3,291	383	
Austin.....	12,392	13,292	748	854					852	947	282	481	319	482	8,419	
Bailey.....													70	100		
Bandera.....	86	134	185	204	84	180			118	126			788	1,738	4	
Bastrop.....	70	100	104	180	79	141	2	3	176	278	126	215	1,104	2,918	112	
Baylor.....	200	329	721	1,817	44	70			158	185	60	85	5,403	13,162	10	
Bee.....	264	360	125	194	20	40			189	228	51	68	2,976	6,487	8	
Bell.....	945	584	1,672	2,282	51	70	4	8	227	264	56	100	762	1,760	90	
Bexar.....	2,092	969	138	155	61	80	30	106	1,773	1,810	458	871	7,044	12,051	559	

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—CONT'D.

TEXAS—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.	Corn stalks.	
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Blanco	7	9	35	60	413	898			21	40	21	32	654	1,642	7
Borden	4	5	4	6					191	288	12	20	1,181	2,344	
Bosque	1,225	845	1,421	1,803	23	58			530	759	705	420	1,694	3,281	
Bowie	728	935	11	17	15	45	10	28	35	42			88	230	100
Brazoria	12,056	10,066	12	22	17	32	10	30	85	120	242	608	287	761	2
Brazos	500	1,464	471	726	138	475			11	13	64	101	218	352	19
Brewster	155	175			15	15			28	32			9	12	
Briscoe			769	1,273	8	30			8	24	332		670	2,990	5,110
Brown	1,022	1,329	2,700	4,005	64	168	33	107	6	11	75	76	2,827	6,181	95
Burleson	897	806	1,325	1,227	134	232	15	30	114	150	254	307	577	769	35
Burnet	353	270	871	1,347	15	16			624	823	41	77	1,059	2,045	807
Caldwell	75	97	100	177					26	44	84	242	1,974	4,917	12
Calhoun	1,503	1,296	8	14	20	44			9	13	21	20	516	861	
Callahan	64	94	1,361	2,316					798	975	171	198	4,930	9,586	14
Cameron	64	256							2	3			2	10	
Camp	12	27	11	38	9	21			12	14			57	100	485
Carson			783	1,022					21	40	260	245	1,388	1,085	
Cass	121	227	26	49	14	42			60	78	103	125	54	75	424
Castro			242	353					20	20	12	15	2,522	4,020	
Chambers	75	77									8	11	27		
Cherokee	80	125	31	32	80	50			170	196	71	67	52	87	341
Childress	243	166	3,981	5,081					240	491	102	157	7,858	12,807	88
Chvy.	1,922	2,111	2,484	4,444	205	503			472	747	1,394	1,883	6,197	14,571	134
Coke	103	138	233	389					270	325	48	158	3,200	6,924	
Coleman	132	185	1,442	2,823	330	421			327	376	2,583	5,129	4,259	7,961	
Collin	1,539	2,098	1,597	3,384	528	1,249	19	44	1,077	1,785	270	699	1,656	4,562	24
Collingsworth	545	394	2,079	8,278	191	209			1,274	2,358	136	164	3,080	5,899	492
Colorado	4,702	3,250	207	208	40	40			161	193	319	407	2,051	3,917	724
Comal	48	25	64	93	1	5			330	351	596	1,068	3,045	9,920	
Comanche	759	722	1,015	1,631	7	22	11	16	433	595	1,084	1,361	2,559	32	
Concho	170	380	46	55							55	70	2,089	4,217	
Cooke	12,929	18,080	1,170	1,931	1,280	1,956	10	26	1,196	1,804	151	122	1,296	3,366	10
Coryell	226	293	1,373	1,793	65	129			82	92	31	27	756	1,640	115
Cottle	10	10	104	151					51	94			1,581	3,468	
Crockett													57	145	
Crosby			561	1,046	7	7			180	185	1,060	2,114	580	1,077	
Dallam	670	680			200	200							2,115	5,730	9
Dallas	4,120	4,528	2,296	2,737	1,737	1,482	28	22	3,008	3,633	726	1,076	86	93	
Deaf Smith	650	465	1,291	1,800	47	105			217	236	462	812	2,064	8,441	
Delta	1,640	2,303	256	383	998	1,740	9	16	42	83	36	71	229	516	19
Denton	4,003	3,725	1,351	2,477	8	3	25	30	542	847	676	997	861	2,071	158
Dewitt	1,588	1,432	381	872	6	11	5	5	357	457	451	943	3,954	9,732	404
Dickens			64	143					3	5	131	190	1,458	3,968	
Dimmitt	50	50			2	0			72	58	10	4	481	1,057	
Donley	516	540	2,418	8,109	45	32			32	70	124	53	5,772	7,430	
Duval			11	23					26	30	1		300	871	
Eastland			880	1,473	19	26			306	342	334	434	2,426	5,191	
Ector													14	16	
Edwards	85	138	39	52	2	8			49	91	11	30	740	1,505	10
Ellis	4,035	3,801	1,434	2,183	592	940	16	42	124	206	264	411	921	2,579	80
El Paso					1,993	1,900			10	17	12	9			
Erath	431	367	742	1,162	2	3	2	3	830	1,383	680	831	2,436	4,573	20
Falls	1,355	1,456	2,658	4,426	71	99	11	17	391	493	828	1,528	852	710	3
Fannin	2,498	2,792	2,188	3,331	426	962	6	11	476	825	81	163	609	1,105	24
Fayette	8,071	8,344	1,095	1,526	76	280			894	645	1,097	1,676	4,878	8,920	2,284
Fisher	4	4	802	1,460	45	52			170	263	34	68	2,910	5,493	35
Floyd	8	16	951	1,638					45	90	131	333	2,960	7,736	
Foard			1,786	2,678					51	60	21	42	4,834	9,227	30
Fort Bend	9,385	10,070	146	246	20	35	15	60	16	34	228	783	239	795	22
Franklin	131	153	18	16	108	210			228	896	179	353	345	681	23
Freestone	111	138	358	479	1	2			31	27	177	262	227	440	16
Frio	434	766	3	3					30	33	23	30	3,606	5,705	4
Gaines													35	15	
Galveston	3,921	4,088							35	68	15	35	106	482	
Garza	110	195	3	6									183	340	
Gillespie	10	15	76	95	10	22	1	8	53	92	1,500	5,308	2,708	8,708	1,343
Glasscock	345	466			20	75							204	328	
Goliad	220	240	118	216	5	10	2	12	140	824	99	163	2,298	6,048	202
Gonzales	1,120	1,179	1,434	2,872	22	50	4	3	32	41	83	179	2,570	6,098	2
Gray	1,898	1,734	1,153	1,728	75	207			1,722	3,173	851	678	1,004	1,846	
Gritson	8,137	8,492	3,451	4,092	66	164	165	68	497	679	531	635	1,343	3,460	16
Gregg	8	12	7	8					8	18	20	32	60	138	162
Grimes	844	919	27	30					990	1,097	31	28	81	124	96
Guadalupe	398	816	1,108	2,065	9	12	1	4	608	1,119	59	71	2,384	6,223	87
Hale			1,530	2,072	15	40			200	500	518	669	8,070	11,908	97
Hall	200	200	1,044	1,123					238	214	950	635	10,915	12,954	
Hamilton	561	548	1,092	1,681	52	106			296	246	873	463	730	1,272	6
Hansford	895	950	216	321	190	398			5	8	60	100	910	2,500	
Hardeman			4,346	8,731	2	6	1,198	1,590	2	4	58	99	9,618	26,561	290

STATISTICS OF AGRICULTURE

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

TEXAS—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUGERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
			Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Sown for forage.	Corn stalks.	
Hardin	15,536	14,761	1	1	159	218	1	2	58	70	64	62	15	23	8
Harris	463	511	57	81	27	37	31	54	86	76	174	1,619	624	11	
Harrison	1,267	1,917	5	5	100	150	70	72	10	20	1,127	1,415	560	826	
Hartley	211	402	2,205	4,480			250	453	44	71	2,057	5,308			
Haskell															
Hays	376	678	1,386	1,889			682	1,029	48	90	1,589	4,196	1,858	4,196	61
Hemphill	5,251	5,930	1,656	2,832	22	43	35	49	180	390	3,961	3,961	419	3,961	
Henderson	46	54	340	148	6	6	6	9	124	166	63	60	419	419	558
Hidalgo	4	8							10	10			37	37	409
Hill	5,358	5,789	1,957	8,122	95	165	5	25	492	818	265	290	1,633	2,788	26
Hockley															
Hood	760	621	192	326			179	292	16	5	790	1,075			
Hopkins	2,226	2,461	939	1,207	19	64	1	2	297	586	281	550	959	2,048	40
Houston	184	140	39	78	30	88	2	1	87	92	75	127	165	198	528
Howard	218	216	15	27									1,516	1,508	21
Hunt	6,620	5,828	1,460	2,188	58	100	18	28	797	897	64	157	510	1,480	16
Hutchinson	280	300	5	4	120	600			203	432			591	1,193	
Irion	98	190			362	648			610	768	1,161	1,864	16	16	100
Jack	730	740	857	1,276			80	78	12	20	36	34	3,650	6,435	6
Jackson	8,826	6,032	104	162			2	1					236	644	20
Jasper															
Jeff Davis	6	5	1	1	81	143			20	60	17	12	166	141	237
Jefferson	53	73			10	10			5	8			134	182	
Johnson	5,560	8,598	1,774	2,419	52	59	10	10	2,804	2,959	320	456	58	195	
Jones	163	242	2,518	4,981			124	232	194		388	6,411	14,052	44	
Karnes	380	1,185	9	7					25	40	1,026	2,209	1,747	5,401	670
Kaufman	17,180	16,248	2,454	2,152	77	89	12	28	140	178	98	285	625	1,416	8
Kendall	107	151	8	14	126	269			72	91	607	1,402	1,444	3,819	
Kent	60	180	2	3					12	48			658	1,615	
Kerr	10	20	175	361					160	256	840	1,394	3,252	6,389	
Kimble	116	161	32	87	628	1,048			145	334	56	87	495	1,050	
King			189	234									257	983	
Kinney	145	285			180	260			281	439			25	38	
Knox	76	120	329	508			38	39	67	129	26	82	3,937	9,266	
Lamar	9,560	10,897	1,287	1,633	536	1,190	27	79	271	368	446	498	330	501	8
Lamb	100	60							90	20			10	12	
Lampasas	47	78	1,197	1,818	4	4			241	243	731	924	904	1,642	9
Lasalle	5	10	10	20	2	5			32	60	40	40	805	1,507	
LaVaca	5,076	4,680	1,415	1,955			1,289	1,421	538	1,032	1,810	3,780	1,102	1,278	
Lee	692	572	262	248			15	20	102	109	318	452	362	580	363
Leon	469	397	170	178					24	32	17	25	246	452	109
Liberty	1,858	1,598	21	36					10	14	7	5	16	42	8
Limestone	1,816	1,928	2,875	4,143	12	28			101	130	937	1,632	456	1,102	2
Lipscomb	422	576	599	963	117	113			21	42	120	215	5,582	14,424	
Live Oak	80	84	5	4	40	80			50	47	2	2	682	1,692	12
Llano	102	160	682	725	34	44			186	158	727	1,221	1,065	1,803	18
Lubbock			30	31					70	75	686	1,382	1,229	1,823	
Lynn													120	120	
McCulloch	1,875	3,190	785	1,766			4	8	12	28	78	64	1,432	2,505	
McLennan	3,045	2,269	4,624	6,411	410	686			1,800	3,287	570	762	712	1,694	65
McMullen	79	101													
Madison	4	7	93	125											
Marion			10	13	10	8									
Martin					1	2									
Mason	20	40	61	68	41	96			60	60	5	14	1,840	4,011	
Matagorda	2,082	1,848	11	18	80	180			11	19	40	120	291	649	
Maverick	704	712							40	300	425	1,000	31	124	
Medina	146	126	14	14	84	282			484	529	987	3,864	6,844	777	
Menard	40	20	100	125	48	116			651	1,047	147	802	310	647	
Midland	10	6			5	6			1	2			231	270	
Milam	153	207	728	966	110	109	3	8	303	538	363	545	697	1,720	85
Mills			987	1,656			6	6	971	1,606	807	828	1,482	3,516	
Mitchell			187	160					976	1,124	292	292	2,342	3,382	
Montague	8,136	2,420	1,384	1,798	7	7			527	788	220	258	2,014	3,988	150
Montgomery	254	252	42	136					48	77	16	26	19	26	47
Moore	809	808	123	215	9	50			36	41			444	692	25
Morris	4	9	15	15					6	7	2	1	48	90	
Motley	19	52	412	1,224					101	257	179	581	1,924	4,687	75
Nacogdoches	6	10							17	29	8	11	146	242	88
Navarro	2,245	1,958	2,048	2,260	60	171			480	504	545	632	531	1,068	9
Newton													5	6	50
Nolan			604	1,070									2,160	4,198	2
Nueces	293	253	238	289	1	2			39	49	247	240	1,970	4,637	
Ochiltree	397	577	292	574					15	30	254	165	839	3,060	
Oldham	1,565	795	125	150	6	6					18	18	139	211	
Orange	99	89	57	70											
Palo Pinto	50	76	93	1,469	15	48									
Panola	503	466	9	10											
Parker	3,009	2,020	892	1,152	8	9	10	10	2,552	2,833	395	395	1,105	1,975	14
Parmer									120	125			55	100	

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

TEXAS—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.				
													Sown for forage.		Corn stalks.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.		
Pecos.....	45	23	5	5	580	898			52	51	360	465					
Polk.....			5	5	23	44			48	52	88	150			103		
Potter.....	890	480	638	783	80	80			47	84	115	210	3,515	5,114			
Presidio.....			10	12	9	20					114	126	49	71			
Rains.....	311	291	57	62					84	85	4	6	258	270	19		
Randall.....	145	100	1,757	1,829	240	725			5	8	983	1,675	3,867	5,468			
Red River.....	1,905	2,577	71	100	495	851	45	69	187	268	188	205	289	628	10		
Reeves.....					977	2,016			307	211			26	131			
Refugio.....	114	221							230	178	6	20	879	1,085	6		
Roberts.....	2,432	3,873	387	762	40	93			14	25			1,084	6,341			
Robertson.....	277	289	223	384	187	309			385	516	181	320	835	1,987	163		
Rockwall.....	1,038	1,064	992	1,286	74	68			50	70	6	10	84	98			
Runnels.....	442	954	2,045	3,909	10	20			992	1,449	164	311	7,371	15,870			
Rusk.....					43	53			48	93	147	238	158	385	288		
Sabine.....	2	2	4	7									2	8	125		
San Augustine.....			1	3					2	3							
San Jacinto.....	3	5	6	18							4	4	124	281	80		
San Patricio.....	85	67	30	35							1	1	867	798			
San Saba.....	15	20	578	1,106	6	16			497	871	9	9	1,228	8,047	40		
Schleicher.....													605	1,011			
Scurry.....	15	12	2,724	5,057					278	282	60	165	5,059	8,590			
Shackelford.....			1,236	1,857					1,967	2,923	60	140	6,578	14,869	13		
Shelby.....			4	8					6	9	18	21	11	82	16		
Sherman.....	1,062	929			60	160							864	1,952			
Smith.....	42	44	616	842	4	4			225	417	470	878	303	358	575		
Somervell.....					58	82							41	118	3		
Starr.....									125	350			242	426	135		
Stephens.....	1	1	2,345	3,254							281	282	189	3,091	5,670	9	
Sterling.....	80	95			15	20					31	31	88	1,019	1,228		
Stonewall.....	10	10	589	1,065					10	15	30	15	1,942	4,261			
Sutton.....	70	90			75	75					108	324	756	1,461			
Swisher.....	191	812	1,572	2,579	44	62	1	1	171	154	1,270	858	7,857	11,176			
Tarrant.....	9,515	6,784	1,389	1,937	34	67	41	41	3,723	4,801	145	146	2,088	4,622	57		
Taylor.....	60	49	2,068	3,226					619	609			7,487	18,622	20		
Terry.....													65	190			
Throckmorton.....	260	371	25	25									8,612	7,198			
Titus.....	49	38			8	16					13	19	58	71	218		
Tom Green.....	639	856	66	53	464	560			678	922	96	196	4,950	9,600	87		
Travis.....	661	1,034	644	962	39	66	1	2	2,145	3,508	2,187	4,537	5,080	11,697	460		
Trinity.....	65	78	27	38					13	20	2	2	15	24	2		
Tyler.....	2	3	1	1						6	10	15	15	29	125		
Upshur.....	2	2	46	46						19	19	22	35	62	22		
Upton.....													17	40			
Uvalde.....	758	821	4	6	14	29					53	79	50	87	1,947	20	
Valverde.....	318	348	6	18							1,163	2,042	40	58	58		
Van Zandt.....	4,777	3,838	78	127							48	68	67	146	293	87	
Victoria.....	3,480	3,304	188	266							384	246	833	1,680	2,978	41	
Walker.....	95	85	15	26	25	60					97	80		50	126	10	
Waller.....	1,067	1,095	152	162	232	267					5	8	71	882	896	7	
Ward.....			15	15	478	1,021					7	6	236	396	598		
Washington.....	3,105	8,507	2,032	2,121	16	45					68	69	801	447	594	546	
Webb.....	1,932	1,962	13	16									708	1,685	59		
Wharton.....	12,968	11,474	5	7							5	8	2	3	20	2	
Wheeler.....	5,160	4,800	977	1,539	30	42	20	50			51	56	60	120	2,136	4,508	26
Wichita.....	74	148	2,510	3,940							327	574			1,452	8,809	
Wilbarger.....	443	842	4,812	7,527							164	237	62	82	8,495	20,422	20
Williamson.....	861	619	2,019	3,746	62	83					381	515	684	1,000	6,026	16,372	193
Wilson.....	139	195	37	42	8	7					336	427	58	66	1,093	4,062	447
Wise.....	1,288	1,585	1,161	1,440							1,674	1,990	191	325	1,488	2,527	1
Wood.....	37	37	41	49	2	2					45	74	130	119	206	198	1,927
Young.....			2,841	5,289							325	435	355	351	3,004	6,483	144
Zapata.....	15	15	3	9							195	182	4	5	108	110	
Zavalla.....													249	584			

UTAH.

The State.....	71,065	88,690	2,604	3,376	268,229	681,515	1,357	2,995	88,990	66,587	3,824	4,290	2,465	3,509	902
Beaver.....	294	390			4,723	9,287	85	190	1,493	2,543	86	176	16	19	
Boxelder.....	3,675	5,850	117	143	24,568	50,019	9	20	1,263	2,244	193	234	160	144	
Cache.....	7,435	9,015	48	88	26,444	64,543	142	956	4,530	7,920	224	280	1,055	1,444	
Carbon.....	1,101	933			2,470	5,454			301	465	126	140	44	88	
Davis.....	1,702	2,260	217	220	14,727	42,886	90	249	1,341	3,671	258	306	20	34	50
Emery.....	546	803	25	47	7,029	14,470	73	183	76	202	44	58	73	147	
Garfield.....	543	870			2,582	5,047			787	1,050	81	88	51	64	
Grand.....	280	365			1,497	4,098					40	70	5	7	305
Iron.....	313	319			2,275	4,692			158	185			7	8	43
Juab.....	323	395	719	802	5,780	13,128	80	115	987	980	81	48	147	142	20

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

UTAH—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Kane.....	635	859			1,047	3,274	5	25	175	285	23	12	10	1	61
Millard.....	1,602	2,050	128	260	14,129	31,252	5	8	64	108	20	36	47	159	52
Morgan.....	181	266	28	52	8,959	10,362	27	60	894	1,875	66	75	84	55	.....
Piute.....	603	712	480	680	2,875	5,222			1,419	1,370	160	179			.....
Rich.....	22,147	21,772			8,212	16,195			515	1,025	130	182	80	74	.....
Salt Lake.....	897	1,872	1	2	25,251	91,266	19	36	1,887	2,675	120	106	189	254	41
San Juan.....	3	3			996	2,072			329	709	19	12			.....
Sanpete.....	7,246	10,399	666	713	21,566	52,481	76	88	2,572	3,752	161	261	22	44	.....
Sevier.....	2,261	2,926	38	83	11,928	28,007	13	22	1,669	2,551	73	91			5
Summit.....	5,862	6,397			5,227	12,670	303	593	8,691	18,797	804	1,020	61	64	.....
Tooele.....	2,393	3,052			5,904	14,399	6	12	322	784	30	25	11	17	12
Uinta.....	886	1,111	5	20	7,835	18,950			360	441	30	61			.....
Utah.....	7,514	12,892	87	174	34,399	95,816	112	258	1,889	2,239	120	176	259	413	200
Wasatch.....	752	864	10	14	6,871	17,186	7	20	6,905	12,815	84	155	9	23	.....
Washington.....	939	932			2,774	6,378	23	31	40	55	14	20	81	32	.....
Wayne.....	738	741	10	8	8,381	5,170	22	38	12	11	206	184	110	114	18
Weber.....	1,138	1,675	25	70	18,316	55,441	260	751	1,365	2,855	131	266	71	172	10
Uinta Valley and Uncompahgre.....	116	77			1,455	2,755			20	80					

VERMONT.

The State.....	6,700	7,163	3,286	5,972	38	46	3,692	5,580	935,215	1,008,896	17,924	33,178	39,520	269,188	6,875
Addison.....	911	1,251	20	28			221	924	103,661	103,460	844	1,182	2,823	10,606	903
Bennington.....	588	546	148	205			51	63	47,039	45,602	577	702	4,168	91	.....
Caledonia.....	98	91	483	1,051	16	13	484	725	65,200	77,863	2,036	4,874	3,210	28,036	828
Chittenden.....	708	888	30	55			304	642	62,058	76,198	1,315	2,401	4,726	26,244	229
Essex.....	318	340	86	217			888	1,028	25,462	507	803	487	3,771	.....	.....
Franklin.....	583	556	70	136			169	318	86,727	109,009	1,299	2,446	4,955	34,627	125
Grand Isle.....		7	13				308	555	11,261	12,488	29	61	237	1,028	.....
Lamoille.....	101	97	271	570			16	22	86,889	43,801	547	946	1,956	14,101	827
Orange.....	881	713	427	806	1	1	106	210	84,240	79,831	2,100	3,926	4,005	31,786	909
Orleans.....	581	767	613	1,228	14	21	105	198	74,612	92,703	2,072	4,002	3,784	31,889	.....
Rutland.....	990	1,837	85	70			00	64	93,408	97,075	1,446	2,407	2,554	18,572	90
Washington.....	45	27	257	360			118	181	72,746	88,501	1,589	3,215	2,804	17,620	79
Windham.....	852	576	575	787	8	6	830	482	68,816	65,843	1,487	2,764	2,178	13,617	905
Windsor.....	25	24	264	446	4	4	877	778	100,077	95,289	2,124	8,570	5,090	32,628	1,889

VIRGINIA.

The State.....	2,696	2,922	18,815	15,204	849	621	104,124	105,640	442,070	487,486	40,581	44,329	9,877	21,837	815,100
Accomac.....	131	64					697	897	2,816	8,035	302	889	22	42	5,021
Albemarle.....	1	1	183	172			3,200	2,474	11,441	10,630	541	618	322	1,080	5,764
Alexandria.....	13	11	4	4			11	14	2,284	2,439	1,027	1,673	11	85	.....
Alleghany.....		8	5				368	412	2,829	2,816	125	124	9	12	801
Amelia.....	7	8					530	547	1,674	1,874	100	99	196	117	1,479
Amherst.....	4	4	89	42	2	2	1,888	1,801	2,348	2,387	107	141	29	29	1,079
Appomattox.....		2	8				455	461	1,350	1,146	2	3	14	15	1,104
Augusta.....		96	121				5,467	5,370	30,280	31,412	871	1,201	821	1,060	10,500
Bath.....		9	5				94	75	4,103	3,747	12	18	18	15	1,803
Bedford.....	62	70	136	220	18	26	5,970	6,356	6,042	6,059	516	219	411	6,771	.....
Bland.....							78	97	5,824	6,302	207	338	6	20	187
Botetourt.....		180	136	1		3	4,488	3,999	5,148	5,432	90	107	383	475	8,600
Brunswick.....		8	9				976	1,284	1,167	1,262	171	228	95	50	1,053
Buchanan.....		11	6				85	71	336	207	177	116	15	15	132
Buckingham.....		106	149				1,103	1,082	1,522	1,488	54	75	15	15	1,811
Campbell.....	69	51	19	25			1,581	1,881	1,730	1,880	515	508	46	88	2,008
Caroline.....	46	44	849	1,238	11	12	956	1,035	519	606	700	881	86	86	1,149
Carroll.....	61	47	27	19			458	349	11,940	9,296	299	259	8	11	5,460
Charles City.....		2	2	1			960	787	710	714	28	24	6	11	617
Charlotte.....		10	12	1	1		560	591	2,262	2,531	318	509	3	1	1,024
Chesterfield.....	287	807	285	456	1	1	839	960	3,814	4,002	1,182	1,146	466	2,206	2,446
Clarke.....		11	28				307	252	4,583	4,040	1,792	1,796	86	86	5,489
Craig.....		5	8				12	22	8,800	3,649	127	160			.....
Culpeper.....	5	3	27	50	4	6	978	801	11,190	8,481	584	450	66	840	6,465
Cumberland.....		14	18	4			350	323	596	630					1,877
Dickenson.....		69	68				86	87	787	686	243	196			1,338
Dinwiddie.....	58	64	70	80			845	940	1,607	1,703	903	275	103	157	2,630
Elizabeth City.....	199	888	7	14	1	1	267	340	344	224	880	167	556	305	.....
Essex.....	5	7	1	2			955	1,166	2,485	2,461	488	556	18	21	817
Fairfax.....	58	78	135	214			1,194	1,430	7,060	7,001	718	903	894	1,726	8,772
Fauquier.....		18	29				128	128	9,527	8,482	1,689	1,272	28	126	7,452
Floyd.....	2	1	47	53			240	188	12,688	9,888	1,049	909	354	311	1,801
Fluvanna.....	13	12	8	8			1,147	1,135	2,288	2,211	156	180	4	4	1,578
Franklin.....	89	95	230	181	5	4	1,887	1,751	5,096	5,567	163	186	8	8	4,723
Frederick.....		66	64				561	545	12,824	12,217	2,978	3,049	90	128	6,217

1 Indian reservation.

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd

VIRGINIA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Acre.	Tons.	Sown for forage.	Corn stalks.	
Giles.....			127	134			309	345	4,296	4,011	244	260	22	24	7,602
Gloucester.....	62	47	12	13	213	226	413	323	2,572	2,785	225	255	58	58	823
Goochland.....	1	1	8	9			914	640	8,109	3,270	27	21	215	255	2,290
Grayson.....			5	4			341	290	13,450	12,127	161	259	29	23	9,124
Greene.....					3	2	116	105	2,649	2,020					1,490
Greenville.....			22	20			89	95	551	571	83	90	7	32	920
Halifax.....			9	12			783	794	2,519	2,430	113	111	52	83	1,488
Hanover.....	41	43	97	143			1,795	1,762	2,319	2,368	649	649	84	98	3,141
Henrico.....	183	163	249	349			1,951	2,702	8,750	5,478	986	1,563	255	627	6,127
Henry.....	2	2	2	2			1,322	1,040	1,115	1,216	269	351	47	89	2,055
Highland.....			5	6			48	44	8,152	7,011	44	83	11	18	
Isle of Wight.....			52	55			49	57	608	827	247	243	1	3	2,628
James City.....			17	18			124	158	1,559	1,614	92	96	1	6	894
King and Queen.....	47	85	48	56			356	376	678	764	395	376			1,782
King George.....	12	17	2	2			274	303	505	568	86	92			1,214
King William.....	4	4			2	5	311	426	716	824	268	289	1	2	1,044
Lancaster.....							808	1,002	1,007	1,116	401	405	109	57	549
Lee.....	26	28	1,781	1,745			1,114	1,025	3,995	3,753	1,011	1,045	109	96	3,112
Loudoun.....			70	86			1,555	1,508	12,495	11,861	1,342	1,503	867	2,473	21,614
Louisa.....	68	56	72	92			479	452	3,976	3,906	310	245	45	96	760
Lunenburg.....	15	36					1,191	1,386	1,169	1,173	56	61	81	73	1,020
Madison.....			2	1			390	423	5,005	4,905	146	120	24	30	7,492
Mathews.....	8	8	4	9			255	326	512	655	834	990	13	16	1,148
Mecklenburg.....	3	3	8	9			607	681	8,854	8,599	260	279	222	314	2,773
Middlesex.....	12	8			1	1	1,706	1,965	248	284	90	94	8	6	2,336
Montgomery.....	3	3	268	845			1,044	998	7,720	8,104	801	824	22	31	962
Nansemond.....	212	125	122	140			495	478	1,412	1,467	216	227	62	96	3,219
Nelson.....			3	6			149	208	2,728	2,053	31	38	32	91	200
New Kent.....							27	37	392	448	177	192			1,509
Norfolk.....	74	64	424	824	20	90	193	395	5,179	7,064	889	601	242	500	818
Northampton.....							389	524	1,649	1,900	63	75			2,187
Northumberland.....	6	6	53	72	5	5	2,584	2,282	848	856	668	541	26	1,933	
Nottoway.....	12	14	20	38	22	46	761	894	798	835	49	61	4	8	206
Orange.....			8	16	11	9	1,797	1,556	7,835	6,816	1,030	1,615	210	1,408	1,209
Page.....	2	2	9	16	21	68	1,808	1,218	4,308	4,590	78	59	86	172	5,419
Patrick.....	20	25	14	19			345	421	2,824	1,636	201	157			4,576
Pittsylvania.....			7	6	2	2	2,866	2,832	4,701	4,360	979	920	389	470	8,463
Powhatan.....	174	244	245	816			1,000	976	1,267	1,195	813	831	408	391	4,493
Prince Edward.....	25	32	6	5	15	50	900	1,000	988	1,119	298	334	49	62	2,301
Prince George.....	60	40	5	6			245	289	1,781	2,163	814	273	2	2	2,019
Princess Anne.....			415	675	4	4	119	142	2,600	3,006	223	273	20	35	972
Prince William.....	16	19	60	91			256	208	6,108	5,203	73	126	2	4	1,258
Pulaski.....	6	6	170	290	6	6	403	449	4,641	5,207	554	743	7	7	6,396
Rappahannock.....	1	1	45	144			644	988	4,019	4,128	25	26	10	11	114
Richmond.....			11	19	5	5	726	723	566	486	203	212	9	9	1,079
Roanoke.....	17	20	441	640	10	7	2,860	3,168	4,398	4,637	140	236	219	703	1,019
Rockbridge.....			145	173			4,787	4,557	8,795	8,133	1,030	926	1,163	1,722	5,747
Rockingham.....	2	7	16	20	10	20	5,664	5,465	27,656	29,680	337	476	213	280	9,724
Russell.....	81	68	858	765	10	10	1,026	1,469	6,332	5,410	194	170	106	476	8,607
Scott.....	41	45	2,344	1,821	3	3	2,802	2,197	4,712	4,322	1,048	1,375	148	206	5,691
Shenandoah.....			10	10			2,147	2,207	14,470	16,274	102	176	21	26	2,348
Smyth.....	107	140	237	313			1,257	1,553	7,405	9,488	227	281	70	301	6,095
Southampton.....			1	1			71	119	865	566	29	30	16	4,676	
Spotsylvania.....	11	18	67	78			2,462	2,123	2,330	2,142	163	180	122	437	8,928
Stafford.....			40	36	120	84	306	307	2,032	2,055	84	63	3	5	1,704
Surry.....	1	1	4	6			94	138	1,280	1,459	161	236	20	14	1,923
Sussex.....			1	2			106	115	1,186	1,250	188	122			1,495
Tazewell.....			7	8			361	894	14,445	12,850	295	355	17	16	1,844
Warren.....	10	10	15	25			360	300	3,500	3,846	424	460	25	25	8,290
Warwick.....	2	1	2	1			161	186	249	277	6	6			58
Washington.....	14	12	1,881	1,424	7	8	2,375	2,357	9,889	10,075	1,073	1,340	172	847	14,601
Westmoreland.....							2,053	2,063	68	67	1,578	1,602	40	47	1,266
Wise.....	64	88	345	316	2	2	331	266	2,121	1,754	367	314	111	49	122
Wythe.....			80	99			1,244	1,499	11,266	18,679	99	112	8	4	7,750
York.....	160	170	48	57	3	2	110	137	506	558	130	127	94	109	698
Alexandria city.....									8	8	2	1			
Bristol city.....			25	25					61	61	15	12	6	6	
Charlottesville city.....			14	50					3	3	2	4			1
Danville city.....									25	25					
Fredericksburg city.....															
Lynchburg city.....									10	80	4	2			
Manchester city.....									10	12					
Newport News city.....									5	10					
Norfolk city.....	8	5							2	2	46	80	10	8	14
Petersburg city.....									7	7	7	18	15		5
Radford city.....			27	42					2	2	131	120	14	20	
Richmond city.....									1	1	3	4			4
Ronoke city.....									1	1	8	4			50
Staunton city.....									50	75	48	78			
Williamsburg city.....													4	10	

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.
WASHINGTON.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCEERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.			
													Sown for forage.	Corn Stalks.		
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.		
The State.....	49,963	51,260	319	496	86,166	118,559	18,484	40,054	158,872	301,656	226,652	301,676	7,683	13,196	516	
Adams.....	729	1,026	.....	.....	75	298	.....	.....	527	645	7,150	7,117	50	66	.....
Asotin.....	5,275	5,370	.....	.....	273	720	.....	.....	630	773	2,471	2,388	26	102	.....
Chehalis.....	51	70	1	2	.....	.....	220	676	7,029	18,887	148	497	136	257	.....
Cowlitz.....	108	160	8	4	1,895	6,326	79	200	1,648	2,815	953	1,440	94	160	8	
Clallam.....	.....	.....	.....	.....	.....	.....	890	2,035	2,579	4,359	390	1,057	5	29	.....
Clarke.....	1,490	1,833	7	16	25	98	1,572	8,140	18,784	23,868	1,446	2,567	299	1,476	26	
Columbia.....	78	173	.....	.....	778	2,179	2	4	303	538	7,104	11,407	194	826	.....
Cowlitz.....	1,274	1,468	.....	.....	(1)	1	280	601	6,494	12,484	420	798	82	134	.....
Douglas.....	2,647	3,671	7	9	509	1,412	.....	.....	340	464	18,188	16,063	3,119	3,411	391
Ferry.....	120	115	.....	.....	202	184	.....	.....	961	966	830	1,100	.....	.....	.....
Franklin.....	10	25	.....	.....	88	216	.....	.....	1	2	682	923	18	15	.....
Garfield.....	.....	.....	.....	.....	72	328	.....	.....	26	37	7,103	8,953	49	65	.....
Island.....	30	50	.....	.....	3	12	253	720	1,479	2,878	53	90	38	111	.....
Jefferson.....	27	53	.....	.....	.....	.....	359	947	1,801	4,197	349	709	36	128	.....
King.....	27	44	5	20	57	188	2,714	5,584	11,051	23,162	1,581	3,429	186	1,287	.....
Kitsap.....	10	10	.....	.....	.....	.....	877	884	2,058	3,895	31	60	13	29	.....
Kittitas.....	8,801	4,517	62	64	2,964	6,277	2,580	4,948	11,775	17,117	6,583	8,798	82	82	.....
Klickitat.....	3,468	3,455	.....	.....	175	694	316	702	1,603	2,940	10,697	19,077	226	391	27
Lewis.....	63	81	1	2	62	108	1,496	3,504	18,465	26,508	2,886	4,195	240	461	.....
Lincoln.....	2,218	2,396	37	48	241	886	12	28	2,586	4,045	26,877	31,024	79	100	.....
Mason.....	.....	.....	.....	.....	30	200	241	492	2,410	4,329	281	378	4	4	20
Okanogan.....	2,109	2,169	28	58	2,008	6,293	184	222	1,252	1,672	5,738	6,557	330	469	.....
Pacific.....	122	249	.....	.....	.....	.....	11	25	2,590	6,280	833	807	18	49	.....
Pierce.....	387	480	76	88	14	50	892	1,945	4,082	7,774	8,078	5,686	264	654	.....
San Juan.....	1	1	.....	.....	.....	.....	574	1,057	1,749	2,950	114	162	17	28	.....
Skagit.....	.....	.....	1	3	126	685	242	598	9,442	26,697	151	388	86	118	.....
Skamania.....	81	78	7	11	8	15	215	886	1,428	2,270	350	436	10	9	5	
Snohomish.....	.....	.....	.....	.....	.....	.....	60	116	10,390	20,432	277	540	11	60	.....
Spokane.....	3,292	3,449	12	11	25	28	28	34	12,720	16,269	38,774	46,287	946	1,201	.....
Stevens.....	11,476	7,867	6	13	282	767	108	221	6,964	8,904	7,952	9,815	404	601	.....
Thurston.....	145	181	30	40	88	295	260	510	9,044	14,341	358	454	6	40	.....
Wahkiakum.....	26	37	.....	.....	.....	.....	27	50	2,081	5,827	189	273	10	26	.....
Walla Walla.....	683	856	.....	.....	6,050	19,180	164	167	860	1,748	8,714	15,941	239	582	19
Whatcom.....	78	153	.....	.....	.....	.....	2,010	4,126	8,625	18,378	866	1,886	51	100	.....
Whitman.....	1,240	1,305	6	12	453	1,172	22	40	2,599	4,267	49,111	76,817	247	426	.....
Yakima.....	3,314	3,726	29	96	18,154	70,741	2,347	6,124	1,583	2,708	3,838	4,094	112	156	18	
Colville and Spokane ²	113	121	.....	1	6	.....	.....	178	248	4,189	6,676	6	7	.....	
Lummi ²	2	2	.....	.....	.....	.....	2	8	248	403	6	10	84	44	.....
Muckleshoot ².....	.....	.....	.....	.....	.....	.....	114	178	.....	.....	.....	.....	.....	.....	.....
Quenault ².....	.....	.....	.....	.....	.....	.....	.....	75	88	.....	.....	.....	.....	.....	.....
Swinomish ².....	.....	.....	.....	.....	.....	.....	.....	37	103	.....	.....	.....	.....	.....	.....
Tulalip ²	8	16	176	317	303	1,090	1,868	2	4
Yakima ²	6,379	6,170	1	4	471	700	.....	.....	142	5,634	21	15	9	15	808

WEST VIRGINIA.

The State.....	849	759	4,924	5,428	128	198	25,170	28,521	555,787	494,467	18,118	13,017	1,964	3,604	103,451
Barbour.....	.....	.....	9	14	.....	.....	412	856	17,418	14,489	176	169	41	46	1,539
Berkley.....	2	2	52	51	.....	.....	1,405	1,802	12,250	11,894	88	72	16	28	5,396
Boone.....	.....	.....	286	284	.....	.....	36	28	811	719	9	11	.....	1,608	2,050
Braxton.....	46	70	852	213	.....	.....	165	142	18,250	9,982	50	34	412	48	600
Brooke.....	.....	.....	39	61	.....	.....	688	812	6,746	7,144	412	551	48	48	600
Cabell.....	2	2	113	181	.....	.....	302	250	3,424	3,284	85	88	17	35	2,318
Calhoun.....	3	2	143	146	.....	.....	128	94	8,118	5,809	16	11	7	16	704
Clay.....	.....	.....	54	49	.....	.....	22	14	1,943	1,766	8	4	.....	424	.....
Doddridge.....	2	2	5	4	.....	.....	119	118	12,761	12,472	95	129	119	121	158
Fayette.....	4	4	228	225	.....	.....	122	80	7,029	5,634	21	15	9	15	908
Gilmer.....	.....	.....	2	3	.....	.....	68	52	11,444	7,025	889	157	86	80	555
Grant.....	.....	.....	12	11	.....	.....	761	542	7,661	6,230	26	16	47	46	29
Greenbrier.....	.....	.....	31	29	.....	.....	738	742	21,926	21,241	20	19	4	25	911
Hampshire.....	5	7	19	33	84	72	208	242	10,385	9,266	272	200	26	30	785
Hancock.....	.....	.....	22	24	.....	.....	228	265	5,505	4,906	26	56	79	111	899
Hardy.....	25	23	2	3	.....	.....	878	951	5,885	5,426	5	5	15	20	1,205
Harrison.....	5	2	12	9	.....	.....	276	285	24,250	29,690	1,024	1,884	59	289	787
Jackson.....	38	40	.....	.....	.....	.....	1,584	1,220	18,944	9,729	81	24	38	59	8,572
Jefferson.....	.....	.....	2,341	1,984	.....	.....	489	444	7,663	7,564	161	156	53	43	9,126
Kanawha.....	7	7	882	481	.....	.....	.....	.....	6,779	6,129	686	666	2	3	8,760
Lewis.....	.....	.....	86	24	.....	.....	70	78	16,626	15,659	2,281	2,027	35	27	1,708
Lincoln.....	2	4	147	177	.....	.....	146	115	1,701	1,260	40	36	18	38	1,868
Logan.....	.....	.....	478	518	.....	.....	82	84	680	598	2	3	19	18	556
McDowell.....	.....	.....	6	5	2	2	98	65	224	212	101	70	2	15	919
Marion.....	45	58	1,092	1,098	16,445	15,502	1,088	871	15	24	1,503

¹ Less than 1 acre.² Indian reservation.

GENERAL TABLES.

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TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.
WEST VIRGINIA—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.	Corn stalks.	
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	
Marshall			40	40			1,168	1,303	16,117	15,915	260	254	30	62	2,582
Mason			242	328			1,537	1,402	9,612	7,491	411	343	47	214	3,039
Mercer	19	7	132	188	12	12	874	758	9,444	7,459	418	484	12	10	47
Mineral	180	120	22	24	12	42	121	122	8,087	7,509	16	21	110	166	259
Mingo	18	15	164	213			89	48	430	588	10	8			19
Monongalia			10	10	5	7	221	243	20,152	19,838	123	103			
Monroe	3	1	88	144			868	888	12,782	13,635	664	628	240	646	4,612
Morgan			5	6			259	240	3,334	3,128	11	12	29	30	3,830
Nicholas	21	11	38	39			43	41	12,188	9,908	268	247	48	41	8,266
Ohio			22	26			321	605	11,628	13,860	70	82	34	121	75
Pendleton	15	20	3	3			934	885	9,314	8,237	256	225			174
Plants			17	20			908	588	5,260	3,576	25	26	46	21	2,179
Pocahontas			46	60			87	40	13,788	11,680	26	25			67
Preston	86	76	70	94			344	365	25,271	26,018	404	408	19	20	2,240
Putnam			70	83			1,457	1,850	5,084	4,487	168	140	40	38	5,016
Raleigh	22	20	463	496			261	234	8,009	5,887	1,206	1,749	6	6	1,612
Randolph	299	258	90	46			22	22	22,208	17,920	258	242	885	675	24
Ritchie			6	7			345	315	15,749	12,407	121	116	2	2	3,086
Roane			18	16			463	365	13,257	8,979	70	42	16	15	4,180
Summers							205	181	8,188	6,601	96	59	8	8	1,490
Taylor			3	3	3	6	95	101	8,658	8,300	113	219	72	220	149
Tucker			27	28			74	83	6,149	4,751	48	71	5	25	114
Tyler			48	66			287	244	11,067	8,887	202	178	12	42	157
Upshur			9	11	1	1	183	124	14,196	13,773	44	42	21	41	1,506
Wayne	8	11	136	151	2	4	242	207	2,700	2,298	874	218	35	26	6,406
Webster			23	14			10	6	6,422	4,128	44	25			10
Wetzel			40	63			192	170	12,754	12,549	74	60	25	12	820
Wirt	82	26	18	15	2	2	537	484	6,942	5,297	87	79	23	17	2,378
Wood	51	24	286	342	50	50	1,264	1,887	20,365	16,936	289	337	48	143	4,484
Wyoming	9	5	364	374			79	66	1,846	935	1	1	3	3	955

WISCONSIN.

The State.....	425,948	533,000	30,129	51,170	400	838	203,253	308,281	1,636,348	2,124,514	35,983	53,571	65,861	208,845	392,043
Adams	12,522	14,468	87	86	86	58	4,264	6,602	1,774	2,118	100	158	95	188	8,108
Ashland	66	79	6	11	1	2	203	887	6,100	8,001	287	278	33	66	2
Barron	2,513	2,781	75	121	20	25	861	1,175	42,847	51,096	202	428	269	615	349
Bayfield	85	38	4	5			725	1,002	3,667	4,287	184	221	27	41	
Brown	1,666	1,995	262	416	2	3	1,889	2,463	37,542	40,808	711	1,451	7,246	7,246	72
Buffalo	6,183	8,061	185	258	6	10	7,305	10,730	18,980	26,495	304	448	8,228	4,013	1,700
Burnett	5,921	7,774	11	15	7	10	738	1,052	6,896	8,824	278	392	43	66	347
Calumet	598	718	269	419			3,590	6,182	14,888	20,681	188	446	264	775	5,219
Chippewa	2,798	3,445	71	87	4	5	3,791	5,149	44,913	52,561	371	485	145	376	920
Clark	830	1,055	448	746	6	12	790	1,746	89,856	61,605	246	352	87	169	1,610
Columbia	22,360	27,068	897	673	15	16	4,652	6,132	25,872	31,894	867	665	852	1,164	8,110
Crawford	1,579	2,041	96	162	2	2	6,717	9,700	28,494	29,667	478	605	898	1,216	2,708
Dane	20,123	28,340	3,010	5,151	1	1	3,895	4,821	59,696	80,086	1,888	2,952	1,179	3,128	37,885
Dodge	40,659	63,231	1,374	3,819			1,560	2,240	34,105	50,587	957	1,814	1,186	5,637	22,107
Door	26	34	37	39			4,930	6,014	22,098	26,958	109	311	362	1,967	479
Douglas	124	168	19	22			16	29	2,504	3,030	96	192	81	284	
Dunn	3,890	3,902	57	54	10	14	3,634	5,028	39,570	47,009	2,140	2,477	130	293	246
Eau Claire	5,752	7,327	84	42	10	14	4,070	5,927	26,038	31,149	212	246	370	1,267	6,374
Florence	22	22	13	19			286	322	2,048	2,425	81	94	23	33	
Fond du Lac	15,462	18,450	564	869	22	66	5,680	8,170	37,987	49,374	654	1,019	1,582	6,791	22,682
Forest			14	17			105	172	414	511	26	34	6	18	6
Grant	13,058	13,563	897	1,625	7	10	4,320	5,868	51,677	63,723	4,674	5,884	727	1,816	9,184
Green	4,650	6,183	1,420	2,483	14	27	511	599	39,602	51,889	1,108	1,548	492	1,349	28,629
Green Lake	16,428	20,385	71	110	15	25	3,917	5,661	7,702	10,069	146	177	866	8,022	9,148
Iowa	5,392	8,006	839	523			2,019	2,478	47,608	69,980	441	698	88	318	6,478
Iron			2	2			1,940	14,467	15,375	20,852	100	244	506	6,880	
Jackson	7,218	8,796	95	130			5,200	1,603	19,714	26,188	1,466	2,439	2,887	14,115	14,889
Jefferson	30,819	38,085	1,909	3,198	2	5	8,117	4,877	10,494	24,299	321	512	289	472	158
Junction	11,875	15,417	271	367	21	25	108	107	19,950	20,218	880	1,415	4,256	19,076	4,289
Kenosha	11,198	12,439	1,624	2,748	12	44	107	108							
Keweenaw	118	170	30	24			1,062	1,512	26,682	34,078	55	103	443	1,678	16
La Crosse	5,675	7,352	207	351			4,600	7,374	22,240	32,771	150	398	498	1,885	5,612
Lafayette	1,383	2,072	949	1,807	5	10	103	101	43,479	55,705	577	1,010	708	1,282	10,896
Langlade	72	114	66	101			485	813	11,118	15,176	63	90	59	354	5
Lincoln	424	557	58	86			222	269	8,844	11,006	245	289	47	126	12
Manitowoc	1,682	1,965	247	371			1,714	2,616	42,840	58,021	1,380	1,888	1,407	5,489	1
Marathon	1,111	1,237	888	440	15	36	1,839	2,644	47,746	65,904	694	888	488	1,125	49
Marinette	1,574	2,069	110	189	6	9	481	752	18,211	16,426	252	520	611	1,637	136
Marquette	18,668	21,684	41	61	10	15	4,800	6,288	20	25	33	39	593	695	4,144
Milwaukee	5,479	6,838	848	1,442	27	35	104	128	20,363	25,530	413	784	8,188	11,884	228
Monroe	6,750	9,054	158	198	28	72	7,124	11,800	31,310	45,821	144	182	407	1,184	6,198
Oconto	898	1,124	107	157	6	14	642	1,026	24,784	30,303	324	503	444	2,277	945
Oneida	515	625	28	41			659	1,028	1,220	1,220	129	212	27	40	9
Outagamie	1,858	2,189	881												

STATISTICS OF AGRICULTURE.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, BY COUNTIES—Cont'd.

WISCONSIN—Continued.

COUNTIES.	WILD, SALT, AND PRAIRIE GRASSES.		MILLET AND HUNGARIAN GRASSES.		ALFALFA, OR LUCERN.		CLOVER.		OTHER TAME AND CULTIVATED GRASSES.		GRAINS CUT GREEN FOR HAY.		FORAGE CROPS.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	
Pepin	740	931	18	15	.....	.....	1,656	2,402	7,737	10,218	26	42	37	72	2,119
Pierce	1,293	1,376	10	10	3,514	5,811	30,226	42,204	590	760	1,214	1,350	2,310	2,310	2,310
Polk	4,645	5,350	165	224	2	3	1,074	1,697	32,005	39,488	625	780	922	1,561	1,012
Portage	8,181	8,436	59	58	29	80	12,502	16,677	16,113	18,193	146	159	800	2,854	355
Price	600	743	21	25	.....	91	172	8,522	215	215	325	105	122	15	15
Racine	14,786	15,201	2,775	4,851	4	6	164	166	25,809	24,431	450	820	4,534	9,180	8,623
Riehland	253	292	108	305	12	24	5,069	9,282	36,519	56,555	524	795	613	1,184	3,763
Rock	10,083	12,658	2,301	3,768	.....	.....	429	472	38,863	38,330	968	1,366	1,108	2,135	32,255
St. Croix	2,680	3,026	208	247	.....	.....	1,960	2,646	58,924	58,588	499	761	1,611	4,847	1,207
Sauk	7,343	10,321	419	713	2	2	5,811	8,508	31,936	47,852	788	1,087	666	1,054	14,620
Sawyer	821	980	203	280	9	11	1,680	2,670	24,822	32,048	298	365	1,987	3,114	1,155
Sheboyan	402	503	511	909	.....	.....	1,975	2,749	29,876	38,359	881	1,623	6,205	24,850	625
Taylor	1,197	1,654	24	24	.....	.....	112	187	16,157	14,295	104	135	21	34	.....
Trempealeau	8,079	10,435	127	181	7	8	11,401	18,199	34,148	47,676	945	1,296	195	521	1,510
Vernon	810	955	118	196	7	7	5,978	8,525	48,707	64,276	416	563	1,492	2,007	3,738
Vilas	239	233	10	16	179	236	413	492	18	26	6	8	.....	.....	.....
Walworth	11,038	12,515	2,363	4,164	7	14	142	170	32,843	38,202	1,590	2,903	1,705	4,571	42,084
Washburn	842	1,001	47	62	208	277	4,370	5,146	54	57	77	90	90	262	262
Washington	2,575	3,314	766	1,176	55	14	4,764	5,941	17,310	22,320	368	628	1,411	5,747	2,117
Waukesha	17,465	19,498	1,519	2,275	22	32	838	884	27,820	30,593	1,055	1,980	5,256	16,814	19,798
Waupaca	5,653	7,116	209	272	4	5	16,830	20,377	19,081	26,475	368	682	1,072	5,872	3,408
Wauashara	15,244	18,151	101	173	23	32	9,427	13,822	7,414	9,899	466	561	432	1,080	2,053
Winnebago	18,750	18,308	282	450	11	22	4,899	8,698	28,531	40,516	229	412	709	2,484	9,770
Wood	7,112	8,377	196	274	.....	.....	611	1,105	20,020	28,072	341	447	478	1,387	293
La Pointe ¹ .....	.....	.....	.....	.....	5	6	61	61	.....	.....	.....	.....	.....	.....	.....
Menominee and Stockbridge ¹ .....	.....	.....	.....	.....	72	91	331	448	615	656	.....	.....	.....	.....	24
Oneida ¹ .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

WYOMING.

The State	242,243	208,422	1,715	2,237	74,688	173,344	900	1,561	44,490	53,378	14,827	20,022	1,906	2,637	.....
Albany	59,812	42,838	.....	.....	860	924	.....	.....	225	249	787	946	128	109	.....
Bighorn	6,518	8,016	63	120	11,973	32,837	65	80	2,972	3,573	1,327	2,050	92	196	.....
Carbon	31,602	26,321	95	140	4,863	11,001	6	10	10,599	11,043	293	483	209	425	.....
Converse	7,038	5,672	65	65	8,558	7,836	60	75	4,141	4,540	363	499	168	180	.....
Crook	11,135	10,674	537	625	1,403	8,160	.....	.....	1,046	1,110	7,246	9,867	557	776	.....
Fremont	9,175	9,489	74	166	4,786	10,425	6	6	490	783	148	168	75	50	.....
Johnson	5,783	5,904	135	280	6,208	17,680	158	300	1,640	2,408	39	164	41	85	.....
Laramie	30,068	25,774	444	430	8,717	19,805	260	350	476	632	1,435	1,490	11	28	.....
Natrona	3,261	3,122	80	60	2,319	5,510	40	80	294	437	220	398	1	5	.....
Sheridan	8,485	9,847	55	82	17,673	43,979	258	600	5,434	7,497	366	441	527	682	.....
Sweetwater	2,031	1,874	.....	.....	449	750	.....	.....	1,369	1,555	139	188	8	15	.....
Uinta	57,141	51,704	185	245	9,882	16,112	51	42	15,050	19,863	1,250	1,250	83	76	.....
Weston	8,589	3,791	7	14	1,050	2,100	7	9	195	228	1,214	1,969	6	15	.....
Shoshone ¹	605	461	5	10	847	1,000	.....	.....	20	20	.....	.....	.....	.....	.....

Indian reservation.

TABLE 11.—FARMS REPORTING, PRODUCTION, AND VALUE OF CLOVER AND OTHER GRASS SEED IN 1899, BY STATES AND TERRITORIES.

STATES AND TERRITORIES	CLOVER SEED.			OTHER GRASS SEED.		
	Farms reporting.	Bushels.	Value.	Farms reporting.	Bushels.	Value.
The United States	105,526	1,349,209	\$5,359,578	46,931	3,515,860	\$2,868,839
North Atlantic division.....	5,728	45,931	210,570	2,438	22,935	28,612
South Atlantic division.....	1,879	21,524	94,782	1,235	24,939	27,640
North Central division	94,601	1,192,577	4,086,987	41,250	3,063,044	2,535,077
South Central division	1,854	15,949	68,566	1,542	374,558	256,608
Western division.....	1,464	73,228	298,673	466	30,283	20,902
Alabama.....	4	3	11	20	873	1,016
Alaska						
Arizona	28	1,697	6,918	5	55	40
Arkansas	55	416	1,902	15	84	137
California	151	14,409	67,550	24	1,113	1,847
Colorado	215	12,623	52,520	14	1,012	775
Connecticut	3	18	100	2	296	148
Delaware	101	3,515	14,200			
District of Columbia						
Florida						
Georgia	2	3	11	13	503	431
Hawaii						
Idaho	68	2,355	11,343	29	1,150	2,442
Illinois	8,551	97,544	376,262	5,018	455,161	274,201
Indiana	35,161	472,282	1,764,003	930	52,803	56,146
Indian Territory.....				9	883	583
Iowa	1,188	15,114	69,640	15,096	1,276,958	1,146,123
Kansas	1,979	36,865	141,583	1,088	244,523	151,014
Kentucky	617	7,707	30,033	570	270,973	167,860
Louisiana	1	7	35	5	264	465
Maine	78	510	2,956	38	417	854
Maryland	827	10,484	45,761	42	616	1,019
Massachusetts	1	1	6	6	166	381
Michigan	7,773	67,993	290,781	1,686	20,518	24,219
Minnesota	590	8,034	34,536	6,567	553,939	494,765
Mississippi	2	130	432	11	379	600
Missouri	5,187	58,737	220,759	8,421	219,760	202,638
Montana	14	374	1,963	21	852	1,719
Nebraska	413	8,156	37,332	655	41,816	32,450
Nevada	3	157	988			
New Hampshire	1	2	10	3	46	111
New Jersey	33	181	977	17	6,006	1,818
New Mexico	2	45	320			
New York	760	7,830	42,884	381	3,610	5,406
North Carolina	62	381	1,347	147	1,315	2,574
North Dakota				242	14,645	10,051
Ohio	27,005	336,818	1,858,494	2,891	52,403	60,195
Oklahoma	9	178	728	36	3,752	2,021
Oregon	112	1,948	9,856	840	24,437	11,604
Pennsylvania.....	4,849	37,276	163,522	1,970	12,846	18,978
Rhode Island	2	101	605	3	435	630
South Carolina	5	17	72	9	204	171
South Dakota	11	345	1,420	526	79,851	28,721
Tennessee	1,162	7,414	34,145	713	76,952	70,332
Texas	4	94	380	163	20,398	13,594
Utah	745	35,828	127,901	4	39	87
Vermont	1	3	10	18	165	236
Virginia	566	4,144	19,503	758	20,960	21,097
Washington	2	12	54	15	825	1,492
West Virginia	326	8,080	19,798	269	1,354	2,311
Wisconsin	6,743	91,189	392,177	1,680	50,577	54,563
Wyoming	124	4,280	19,310	14	800	896

STATISTICS OF AGRICULTURE.

TABLE 12.—PRODUCTION OF CLOVER AND OTHER GRASS SEED IN 1899, BY COUNTIES.

COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.	COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.	COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.
	Bushels.	Bushels.		Bushels.	Bushels.		Bushels.	Bushels.
Alabama.....	3	873	Florida.....		37	Illinois—Continued.		
Calhoun.....		10	Jefferson.....		25	Mercer.....	194	636
Cherokee.....		1	Walton.....		12	Monroe.....	2,669	138
Chilton.....		2	Georgia.....	3	503	Montgomery.....	515	9,786
Choctaw.....		1	Baldwin.....		300	Morgan.....	865	862
Dallas.....		10	Bartow.....		10	Moultrie.....	738	1,014
Geneva.....	1	1	Brooks.....		10	Ogle.....	4,176	
Lamar.....		844	Bulloch.....		1	Pearson.....	1,378	1,100
Madison.....	1		Dodge.....		10	Perry.....	423	28
Pike.....	1		Emanuel.....		20	Platt.....	1,161	255
Sumter.....		1	Floyd.....		14	Pike.....	2,812	1,223
Wilcox.....	1	2	Greene.....	1	40	Pope.....	524	5
Arizona.....	1,607	55	Hancock.....		1	Pulaski.....	97	20
Graham.....	22		Jefferson.....		1	Putnam.....	50	559
Maricopa.....	1,675	55	Pierce.....		11	Randolph.....	2,218	31
Arkansas.....	416	84	Sumter.....		60	Richland.....	8,510	42,150
Baxter.....		4	Terrell.....	2		Rock Island.....	20	2,453
Benton.....	23	7	Ware.....		25	St. Clair.....	6,852	12
Carroll.....		12	Idaho.....	2,355	1,150	Saline.....	1,214	
Clay.....	10		Bannock.....	15		Sangamon.....	811	3,662
Hempstead.....		2	Bingham.....	10		Schuylerville.....	6,808	2,073
Hot Spring.....		5	Blaine.....	10		Scott.....	78	48
Independence.....		5	Canyon.....	1,482	137	Shelby.....	1,400	2,713
Izard.....		2	Cassia.....	23	21	Stark.....	24	186
Lonoke.....		15	Custer.....	10		Stephenson.....	4	1,094
Monroe.....	6		Fremont.....	101		Tazewell.....	660	76
Phillips.....		1	Latah.....		402	Union.....	71	
Pike.....		2	Lemhi.....	68	68	Vermilion.....	775	581
Polk.....	10		Nez Perce.....		415	Watash.....	2,388	473
Pulaski.....	5		Oneida.....	455	2	Warren.....	884	1,285
St. Francis.....		16	Washington.....	186		Washington.....	2,245	
Scott.....	3		Illinois.....	97,544	455,161	White.....	2,178	101,481
Stone.....		3	Adams.....	5,403	3,580	Whiteside.....	37	2,023
Union.....	20		Bond.....	286		Will.....	64	1,542
Washington.....	339	10	Boone.....			Williamson.....	1,281	
California.....	14,409	1,118	Brown.....	1,420		Winnebago.....	16	551
Alameda.....	1		Bureau.....	10	1,652	Woodford.....	294	146
Colusa.....	138		Carroll.....			Indiana.....	472,282	52,868
Del Norte.....		262	Cass.....	180	25	Adams.....	5,897	1,825
Fresno.....	763		Champaign.....	698		Allen.....	2,660	234
Glenn.....	159		Christian.....	418	4,309	Bartholomew.....	7,886	480
Humboldt.....	100	366	Clark.....	1,561	9,257	Benton.....	421	497
Inyo.....	10		Clay.....	129	70,828	Blackford.....	1,621	80
Kern.....	1,755		Clinton.....	1,307	46	Boone.....	18,944	126
Kings.....	2,634		Coles.....	694	1,760	Brown.....	1,116	448
Lake.....	902		Cook.....	20	611	Carroll.....	10,712	165
Lassen.....	117		Crawford.....	2,602	4,536	Cass.....	12,639	175
Mendocino.....		75	Cumberland.....	74	4,139	Clark.....	1,768	21,908
Modoc.....	899	101	Dekab.....		2,281	Clay.....	1,622	105
Orange.....	409		Dekab.....	41	407	Clinton.....	7,757	836
Plumas.....	8	5	Dewitt.....		880	Crawford.....	2,549	
Riverside.....	260		Douglas.....	471	769	Davies.....	4,550	9
San Joaquin.....	20	24	Dupage.....		43	Dearborn.....	1,998	159
Shasta.....	43		Edgar.....	1,582	1,138	Decatur.....	4,514	669
Siskiyou.....	100		Edwards.....	2,922	4,183	Dekab.....	4,421	204
Sutter.....	774		Effingham.....		6,057	Delaware.....	8,648	137
Tulare.....	1,460		Fayette.....	90		Dubois.....	12,091	243
Yolo.....	3,867	280	Ford.....	518		Elkhart.....	9,087	105
Colorado.....	12,628	1,012	Franklin.....	5,079	2,584	Fayette.....	2,808	
Arapahoe.....	800	152	Fulton.....			Floyd.....	260	
Bent.....	778		Gallatin.....			Fountain.....	1,972	397
Boulder.....	156		Greene.....	740	368	Franklin.....	6,451	151
Delta.....	58		Grundy.....			Fulton.....	11,851	102
Douglas.....		20	Hamilton.....	1,404	650	Grant.....	10,823	403
Elbert.....		10	Hancock.....	1,010	6,069	Greene.....	1,129	592
Fremont.....	125		Hardin.....			Hamilton.....	11,047	109
Garfield.....	8		Henderson.....	144	677	Hancock.....	6,487	404
Jefferson.....	490	150	Henry.....	94	1,278	Harrison.....	3,695	22
Larimer.....	490		Iroquois.....	749	412	Hendricks.....	8,999	7
Logan.....	5,860		Jackson.....	288		Henry.....	11,269	85
Mesa.....	10	80	Jasper.....	460	11,524	Howard.....	10,294	407
Morgan.....	800		Jefferson.....	258	3,861	Huntington.....	5,849	158
Otero.....	1,894		Jersey.....	1,590	4	Jackson.....	4,496	51
Prowers.....	1,187		Jo Daviess.....	175	804	Jasper.....	96	870
Rio Blanco.....		480	Johnson.....	348		Jay.....	6,145	268
Routt.....	43		Kane.....		421	Jefferson.....	2,691	115
Sedgwick.....	1,118		Kankakee.....	59	13,934	Jennings.....	1,891	853
Washington.....	800		Kendall.....	1	1,421	Knox.....	7,288	813
Weld.....	420		Knox.....	649	1,823	Kosciusko.....	17,140	210
Yuma.....		170	Lake.....	1		Lagrange.....	7,691	
Connecticut.....	18	296	Lawrence.....	8,896	12,683	Lake.....	162	8,576
Fairfield.....	13	256	Lee.....	75	9,896	Laporte.....	1,601	407
New London.....	5		Livingston.....			Lawrence.....	2,655	2
Windham.....		40	Logan.....	105		Madison.....	12,548	61
Delaware.....	8,515		McDonough.....	1,931	2,928	Marion.....	4,590	117
Kent.....	931		McHenry.....		805	Marshall.....	12,621	74
Newcastle.....	78		McLean.....	770	284	Martin.....	3,109	43
Sussex.....	2,500		Macoupin.....	2,559	218	Miami.....	11,692	857

GENERAL TABLES.

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TABLE 12.—PRODUCTION OF CLOVER AND OTHER GRASS SEED IN 1899, BY COUNTIES—Continued.

COUNTIES.	CLOVER SEED,	OTHER GRASS SEED,	COUNTIES.	CLOVER SEED,	OTHER GRASS SEED,	COUNTIES.	CLOVER SEED,	OTHER GRASS SEED.
	Bushels.	Bushels.		Bushels.	Bushels.		Bushels.	Bushels.
Indiana—Continued.								
Pulaski	3,203	775	Iowa—Continued.			Kansas—Continued.		
Putnam	5,859	450	Mills	19	731	Rawlins	80	85
Randolph	13,492	33	Mitchell	158	65,530	Reno	64	335
Ripley	2,618	152	Monona	5	1,271	Republic	13	8,005
Rush	11,424	78	Monroe	5	18,992	Rice	177	300
St. Joseph	5,956	73	Montgomery	384	2,696	Riley	50	50
Scott	1,129	63	Muscatine	5	2,466	Rooks	27	60
Shelby	13,084	891	O'Brien	374	5,265	Rush	288	288
Spencer	6,039	31	Oscceola	120	14,549	Russell	80	
Starke	554	222	Page	1,503	2,169	Saline	473	1,398
Steuben	6,369	25	Palo Alto	84	1,552	Scott	17	140
Sullivan	2,876	30	Plymouth	499	1,248	Sedgwick	22	195
Switzerland	1,595	374	Pocahontas	54	8,801	Shawnee	835	3,618
Tippencanoe	2,319	519	Polk	69	243	Sheridan	125	1,721
Tipton	7,787	349	Pottawattamie	67	1,960	Sherman	100	
Union	8,835		Poweshiek	5	7,876	Smith	81	1,062
Vanderburg	2,064	35	Ringgold	107	49,903	Stafford	36	15
Vermillion	1,857	65	Eae		8,002	Stanton		15
Vigo	1,244	30	Scott	33	586	Sumner	4	
Wabash	5,596	504	Shelby	20	2,363	Thomas	41	75
Warren	482	75	Sioux	146	448	Trego	1	66
Warrick	4,915	16	Story	4	381	Whabunsee	82	1,958
Washington	4,804	2,717	Tama	5	3,894	Wallace	32	
Wayne	5,575	10	Taylor	853	24,882	Washington	18	1,053
Wells	6,081	454	Union	52	33,738	Wilson	12	4,881
White	547	1,401	Van Buren	173	48,462	Woodson		213
Whitley	4,008	172	Wapello	16	9,486	Wyandotte	146	
Indian Territory		883	Warren	243	12,175			
Cherokee ¹		828	Washington	85	1,783	Kentucky	7,707	270,973
Chickasaw ¹		425	Wayne	120	123,388			
Greek ¹		100	Webster		561	Adair		9
Quapaw and Peoria ²		80	Winnebago	4	3,013	Allen		370
Iowa	15,114	1,276,958	Winnesheick	424	61,792	Barren	31	249
Adair	78	31,679	Woodbury	31	1,651	Bath		200
Adams	202	10,281	Worth	55	14,985	Boone	31	
Allamakee	1,182	8,675	Wright	4	3,366	Bourbon		83,514
Appanoose	14	20,598	Kansas	36,805	244,523	Boyle	131	1,499
Audubon	68	2,498				Bracken	36	60
Benton	6	4,487				Breckinridge	55	310
Blackhawk		1,207				Bullitt	104	
Boone		988				Butler		10
Bremner		2,694				Caldwell	10	
Buchanan		2,819				Carroll	24	
Buena Vista	26	1,094				Carter		6
Butler	8	3,265				Casey	56	100
Calhoun	342	1,888				Christian	460	200
Carroll	15	2,890				Clark	714	50,777
Cass	202	2,328				Clinton		483
Cedar	84	5,748				Davies	829	
Carro Gordo	88	6,629				Edmonson		310
Cerro Gordo	404	8,599				Elliott		11
Cherokee		54,921				Fayette		8,297
Chickasaw	181	67,490				Fleming	78	826
Clarke	32					Franklin		6
Clay	818	23,836				Garrard	12	850
Clayton	2,221	10,178				Green	2	
Clinton	6	2,013				Hancock	92	
Crawford	73	1,895				Hardin		149
Dallas	10	1,089				Harrison	56	1,110
Davis	13	75,379				Hart	26	925
Decatur	42	29,176				Henderson	263	
Delaware	169	5,544				Henry	4	2,918
Des Moines	80	3,866				Hickman	100	
Dickinson	12	2,410				Hopkins	6	56
Dubuque	16	913				Jefferson	675	16,964
Emmet	114	4,666				Jessamine	162	620
Fayette	127	37,052				Kenton	17	
Floyd	12	7,895				Gove		46
Franklin	2	1,687				Larue		6
Fremont	485	540				Lawrence		25
Greene		905				Lewis		25
Grundy		633				Lincoln	74	1,309
Guthrie	122	11,262				Logan	64	15
Hamilton	15	635				McCracken		70
Hancock	62	3,428				McLean	1	299
Hardin	12	812				Madison	25	2,700
Harrison	72	1,792				Marion	196	808
Henry	242	7,655				Marshall	12	67
Howard		93,938				Meade	91	1,172
Humboldt	35	2,098				Menifee	2	
Ida	16	1,206				Mercer	476	
Iowa	30	20,375				Monroe		26
Jackson	10	1,968				Montgomery		15,840
Jasper		941				Muhlenberg		60
Jefferson	53	23,301				Nelson	121	8,747
Johnson	49	7,569				Nicholas		300
Jones	3	1,368				Ohio		40
Keokuk	75	5,106				Oldham	1,163	60,281
Kossuth	49	5,379				Pendleton	3	3
Lee	65	23,674				Pike	6	
Linn	352	2,585				Powell	2	
Louisa	26	2,820				Scott		2,996
Lucas	510	67,602				Shelby	26	1,815
Lyon	140	1,002				Simpson		51
Madison	872	17,202				Spencer		150
Mahaska	20	2,888				Taylor		70
Marion	82	4,161				Todd		30
Marshall		1,109				Trigg	66	
						Trimble	156	168
						Warren	19	2,927
						Washington	249	2,728
						Webster	8	
						Woodford	66	3,012

¹ Indian nation.

² Indian reservation.

STATISTICS OF AGRICULTURE.

TABLE 12.—PRODUCTION OF CLOVER AND OTHER GRASS SEED IN 1899, BY COUNTIES—Continued.

COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.	COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.	COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.
	Bushels.	Bushels.		Bushels.	Bushels.		Bushels.	Bushels.
Louisiana	7	264	Michigan—Continued.			Missouri—Continued.		
East Baton Rouge.....		189	Shiawassee.....	1,573	992	Boone.....	2,971	65
East Feliciana.....		75	Tuscola.....	1,248	1,191	Buchanan.....	633	320
Red River.....	7		Van Buren.....	6,551	280	Caldwell.....	363	2,881
Maine.....	519	417	Washtenaw.....	723	372	Callaway.....	1,135	74
Aroostook.....	518	399	Wayne.....	15	273	Cape Girardeau.....	627	
Oxford.....	1	6	Wexford.....	50	61	Carroll.....	467	3,164
Somerset.....		12	Minnesota.....	8,084	553,939	Cass.....	4,835	6,310
Maryland.....	10,484	616	Becker.....			Cedar.....	23	750
Baltimore.....	158	6	Benton.....			Chariton.....	269	9,878
Baltimore city.....	10		Big Stone.....			Christian.....	1,468	
Calvert.....	4	1	Blue Earth.....			Clark.....	35	3,307
Caroline.....	106		Brown.....	633	1,202	Clay.....	433	1,465
Carroll.....	1,315	13	Carlton.....	2	395	Clinton.....	555	2,301
Cecil.....	113	100	Carver.....	175		Cole.....	2,391	16
Dorchester.....	47		Chippewa.....			Cooper.....	2,010	250
Frederick.....	5,952	276	Chicago.....			Crawford.....		
Garrett.....		40	Clay.....			Dade.....	136	
Harford.....	70		Cottonwood.....			Dallas.....	79	2,551
Howard.....	50		Crow Wing.....			Davies.....	190	688
Kent.....	6	160	Dakota.....			Daviess.....	69	8,553
Montgomery.....	57		Dodge.....			Delaware.....	13	1,017
Prince George.....	40		Douglas.....			Dent.....	380	
Queen Anne.....	2		Douglas.....			Douglas.....	32	3
Talbot.....	177		Dodge.....			Franklin.....	2,342	14
Washington.....	1,783	20	Faribault.....			Gasconsade.....	1,068	3
Wicomico.....	462		Fillmore.....			Gentry.....	38	6,573
Worcester.....	40		Freeborn.....			Greene.....	1,199	399
Massachusetts.....	1	166	Goodhue.....			Grundy.....		5,105
Berkshire.....		4	Grant.....			Harrison.....	60	18,885
Hampden.....		3	Hennepin.....			Henry.....	1,307	1,614
Hampshire.....		155	Houston.....			Hickory.....	184	489
Worcester.....	1	4	Hubbard.....			Holt.....	95	812
Michigan.....	67,933	20,548	Jackson.....			Howard.....	1,904	120
Allegan.....	1,725	14	Kanabec.....			Howell.....	69	25
Alpena.....	6	12	Kandiyohi.....			Iron.....	10	
Antrim.....	50	91	Kittson.....			Jackson.....	2,032	1,140
Arenac.....	1		Lac qui Parle.....			Jasper.....	251	2,244
Barry.....	1,416	169	Lesueur.....	124		Jefferson.....	502	30
Bay.....	15	520	Lincoln.....			Johnson.....	3,979	2,533
Berrien.....	1,075	42	Lyon.....			Knox.....	9	24,245
Branch.....	6,877	144	McLeod.....			Laclede.....	456	153
Cass.....	1,140	133	Marshall.....	20		Lafayette.....	1,840	191
Chippewa.....	2,943	750	Martin.....	194		Lawrence.....	693	675
Clare.....	8	80	Meeker.....	9		Lewis.....	181	1,671
Clinton.....	4,273	1,051	Morrison.....			Lincoln.....	105	28
Eaton.....	1,816	201	Mower.....	332		Linn.....	27	4,530
Emmet.....	12	16	Murray.....	3		Livingston.....	832	4,141
Genesee.....	1,498	528	Nicollet.....	15		McDonald.....	380	
Gladwin.....	27	108	Nobles.....	186		Macon.....	41	2,522
Grand Traverse.....	135	260	Norman.....			Madison.....	151	
Gratiot.....	3,322	610	Olmsted.....			Mariet.....	286	1
Hillsdale.....	2,857	276	Ottertail.....	190		Marion.....	381	546
Huron.....	2,907	508	Pipestone.....	51		Mercer.....	8	5,795
Ingham.....	859	999	Polk.....	18		Miller.....	191	43
Ionia.....	3,798	520	Pope.....	56		Moniteau.....	3,826	63
Iosco.....	76		Reid Lake.....			Monroe.....	4	8,117
Isabella.....	1,227	712	Redwood.....			Montgomery.....	210	220
Jackson.....	516	545	Rentonville.....			Morgan.....	250	63
Kalamazoo.....	2,143	271	Rice.....	255		New Madrid.....	76	
Kalkaska.....	66	78	Rock.....	852		Newton.....	806	104
Kent.....	1,988	281	Roseau.....			Nodaway.....	666	5,708
Lake.....	60	8	Scott.....	328		Oregon.....	4	
Lapeer.....	1,858	135	Sherburne.....			Osage.....	1,582	
Leelanaw.....		2	Sibley.....	3		Ozark.....	64	
Lenawee.....	1,165	673	Stearns.....	191		Perry.....	1,091	4
Livingston.....	154	51	Steele.....	34		Pettis.....	592	3,922
Macomb.....	21		Swift.....			Phelps.....	62	38
Munistee.....		6	Todd.....	12		Pike.....	156	672
Mason.....	56	7	Traverse.....	25		Platte.....	328	
Mecosta.....	60	26	Wabasha.....	233		Polk.....	25	389
Mentonine.....	1	4	Wadona.....	5		Pulaski.....	8	75
Midland.....	42	394	Waseca.....			Putnam.....		8,500
Missaukee.....	39	6	Washington.....	134		Rails.....	60	2,950
Monroe.....	276		Watowan.....	12		Randolph.....	123	179
Montcalm.....	5,185	491	Wilkin.....	177		Ray.....	693	427
Montmorenceny.....	11		Winona.....			Reynolds.....	33	
Muskegon.....	583	25	Yellow Medicine.....			St. Charles.....	1,068	20
Newaygo.....	252	101	Mississippi.....	130		St. Clair.....	46	510
Oakland.....	152	208				Ste. Genevieve.....	443	
Oceana.....	255	98				St. Francois.....	98	
Ogemaw.....	8	16				St. Louis.....	85	
Ontonagon.....	2					Saline.....	358	180
Osecole.....	28	167				Schuylerville.....		10,435
Oscoda.....	845	77				Scotland.....	8	14,177
Otago.....		14				Scott.....	195	
Ottawa.....	687	70				Shannon.....	7	6
Saginaw.....	574	3,446				Shelby.....	24	9,410
St. Clair.....	40	388				Stoddard.....	7	87
St. Joseph.....	2,821	287				Stone.....	519	
Sanilac.....	855	471				Sullivan.....	5	3,223
						Texas.....	7	10
						Vernon.....	892	2,844
						Warren.....	211	30
						Washington.....	29	
						Wayne.....		10
						Webster.....	221	2
						Worth.....	20	1,027
						Wright.....	6	30
						Montana.....	374	852
						Carbon.....	10	133
						Cascade.....		86
						Chouteau.....		100

GENERAL TABLES.

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TABLE 12.—PRODUCTION OF CLOVER AND OTHER GRASS SEED IN 1899, BY COUNTIES—Continued.

COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.	COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.	COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.
	Bushels.	Bushels.		Bushels.	Bushels.		Bushels.	Bushels.
Montana—Continued.			New Mexico	45		North Dakota—Continued.		
Fergus.....	262		Donna Ana	25		Trall		1,812
Flathead.....	15	20	San Juan	20		Walsh		955
Gallatin.....	23		New York.....	7,890	3,619	Ward		321
Park.....	196		Albany.....	31	10	Wells		36
Yellowstone.....	340	32	Allegheny.....	13	621	Ohio	336,818	52,403
Nebraska.....	8,156	41,816	Broome.....	1	4	Adams		1,536
Adams.....	2	25	Cattaraugus.....		102	Allen		5,233
Antelope.....	4	397	Cayuga.....	132	1	Ashland		3,900
Banner.....	41		Chautauqua.....	16	212	Ashtabula		103
Boone.....	398		Chemung.....	8		Athens		378
Boxbutte.....	241		Chenango.....	1	6	Auglaize		7
Buffalo.....	30	499	Clinton.....		11	Belmont		5,843
Burt.....	181	650	Delaware.....		28	Brown		2,382
Butler.....	75	352	Erie.....	128	120	Butler		1,309
Cass.....	6	207	Franklin.....			Carroll		7,582
Cedar.....	5		Genesee.....	62	12	Champaign		1,927
Chase.....		250	Herkimer.....	2		Clark		7,766
Cherry.....		13	Jefferson.....	2	970	Clermont		5,506
Cheyenne.....	14	8	Lewis.....	67		Clinton		556
Clay.....	72	152	Livingston.....	1,942	145	Columbiana		7,894
Colfax.....	18	94	Madison.....		2	Coshcocton		875
Cuming.....	9	113	Monroe.....	17		Crawford		3,800
Custer.....	73	666	Montgomery.....	60	24	Cuyahoga		5,892
Dakota.....		175	Nassau.....		20	Dark		5,809
Dawson.....	146	244	Niagara.....	527	63	Defiance		13,778
Deuel.....	215	657	Onondaga.....		17	Delaware		25
Dixon.....	11	458	Ontario.....	1,879	174	Erie		3,769
Dodge.....	373	499	Orleans.....	65	7	Fairfield		68
Douglas.....		461	Oswego		72	Fayette		1,812
Fillmore.....	31	387	Otsego		33	Franklin		203
Franklin.....	20	305	Rensselaer		3	Fulton		16,056
Frontier.....		1,159	St. Lawrence	4	171	Gallia		506
Furnas.....	1,062	566	Schenectady		8	Geauga		1,388
Gage.....	317	2,838	Schoharie	895	72	Greene		425
Garfield.....	125		Schuyler	78	70	Guernsey		1,416
Gosper.....	130	388	Seneca	2,108	79	Hamilton		1,416
Greeley.....	9	335	Steuben	90	285	Hancock		4,245
Hall.....	828		Suffolk	11	65	Hardin		4,977
Hamilton.....	251	737	Sullivan		13	Harrison		1,160
Harlan.....	126		Tioga	2		Henry		1,480
Hayes.....		255	Tompkins	124	3	Highland		5,582
Hitchcock.....	49		Ulster		2	Hocking		11,351
Jefferson.....		855	Warren		2	Holmes		23
Johnson.....		335	Washington	4		Huron		6,630
Kearney.....	7	108	Wayne	105	9	Jackson		8,425
Keith.....	30		Wyoming	81	84	Jefferson		897
Knox.....		805	Yates	465		Knox		1,076
Lancaster.....	65	8,701	North Carolina	931	1,315	Lake		5,670
Lincoln.....		671	Alamance	2	10	Licking		649
Logan.....		63	Alleghany	61	88	Logan		98
Loup.....	34		Asho	13	1,025	Lorain		6,702
Madison.....		161	Buncombe		28	Lucas		1,067
Merrick.....	30	310	Chatham	5		Mahoning		1,288
Nance.....	72	1,505	Cherokee		25	Marion		1,430
Nemaha.....	33	486	Cumberland		9	Medina		4,590
Nuckolls.....	25	600	Davidson	24		Meigs		488
Otoe.....	61	1,285	Forsyth	18		Mercer		6,434
Payne.....	106	2,187	Franklin		3	Miami		170
Perkins.....		99	Graham		10	Monroe		3,683
Pierce.....	15		Montgomery	10		Montgomery		646
Platt.....		1,219	Nash	25		Morgan		2,065
Polk.....	37		Person		2	Morrow		2,765
Redwillow.....	234	238	Randolph	10		Muskingum		1,130
Richardson.....	180	361	Rowan	4		Noble		641
Saline.....	37	2,821	Stanly	12		Ottawa		759
Sarpy.....	42	315	Surry		12	Paulding		1,947
Saunders.....	87	1,961	Transylvania		3	Perry		1,084
Scotts Bluff.....	2,211	56	Union	2		Pickaway		5,702
Seward.....	843	694	Wake	143	1	Pike		1,147
Sheridan.....	14	875	Washington	1	1	Portage		1,612
Sherman.....		254	Watauga		35	Preble		2,118
Stanton.....		68	North Dakota		14,645	Putnam		6,884
Thayer.....		1,105	Barnes			Richland		8,415
Thurston.....		720	Benson			Ross		6,214
Valley.....	64	350	Cass			Sandusky		1,538
Washington.....	264	885	Dickey			Scioto		4,125
Wayne.....		324	Emmons	2,564		Seneca		604
Webster.....	248	565	Grand Forks			Shelby		14,137
Wheeler.....	7	86	Griggs			Sterk		5,585
York.....	180	1,806	Kidd			Summit		2,672
Nevada	157		Lamoure			Trumbull		506
Churchill	157		McLean			Tuscarawas		299
New Hampshire	2	45	Nelson			Union		1,084
Carroll	2		Oliver	10		Van Wert		3,682
Coos		45	Pembina	198		Vinton		3,529
New Jersey	181	5,008	Pierce	20		Warren		916
Burlington.....		400	Ransom	2,700		Washington		55
Cumberland.....	18		Richland	1,094		Wayne		791
Gloucester.....	8		Sargent	400		Williams		2
Hunterdon.....	89		Stark	188		Wood		1,504
Middlesex		1	Steele	1,322		Wyandot		3,645
Salem		4,590	Stutsman	39		Grant		2,914
Somerset	30	15				Kay		9,261
Warren	46							668
								185
								3,752
								550
								272
								400
								229
								304
								600
								185

STATISTICS OF AGRICULTURE.

TABLE 12.—PRODUCTION OF CLOVER AND OTHER GRASS SEED IN 1899, BY COUNTIES—Continued.

COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.	COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.	COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.
	Bushels.	Bushels.		Bushels.	Bushels.		Bushels.	Bushels.
Oklahoma—Continued.			South Carolina.....	17	204	Tennessee—Continued.		
Kingfisher	35		Bamberg		100	Monroe	292	400
Lincoln	152		Charleston	10		Moore		150
Logan	48		Chesterfield	1		Obion	51	
Noble	50		Darlington	1		Perry	19	
Oklahoma	87		Edgefield			Roane	21	
Pawnee	60		Fairfield	4		Robertson	2	
Payne	118		Greenville			Rutherford	5	2,812
Woods	187		Horry			Sevier	992	499
Woodward	100		Kershaw			Smith	28	151
Oregon	1,948	24,437	Marion			Sullivan	966	498
Benton	10	3,156	Spartanburg			Sumner		200
Clackamas	233	250	Union			Tipton	2	
Clatsop	2	2	Williamsburg	1		Trousdale		163
Columbia		321	South Dakota.....	845	79,851	Unicoi		4
Coos	12	3	Beadle			Union	139	58
Curry		42	Bonhomme	14	1,123	Warren		847
Douglas	12	367	Brookings		168	Washington	807	369
Jackson	16	40	Brown		886	Weakley	178	
Josephine	15	40	Butte	12	29,528	Texas	94	20,398
Lane	1	3,904	Campbell					
Lincoln	3	10	Charles Mix			Armstrong		460
Linn	11	8,154	Clark			Atascosa		65
Malheur	327		Clay	8		Austin		2
Marion	406	2,183	Codington			Bee		450
Polk	77	3,004	Davison			Bell		1,255
Tillamook	1	3	Day			Bosque		260
Union		96	Deuel			Brown		1,299
Wallowa		140	Edmunds			Callahan		150
Washington	288	807	Faulk			Camp		4
Yamhill	584	1,959	Grant			Carson		70
Pennsylvania	37,276	12,846	Hamlin			Chay		1,003
Adams	2,577	1,253	Hand			Collin		850
Allegheny	5	145	Hanson			Collingsworth		600
Armstrong	844	249	Hutchinson	2		Cooke		170
Beaver	17	16	Kingsbury			Coryell		887
Bedford	2,098	304	Lake			Donley		60
Berks	667	82	Lincoln	20		Ellis	1	678
Blair	1,115	25	McCook			Erath		80
Bradford	11	426	McPherson			Falls		548
Bucks	6		Marshall			Fannin		107
Butler	59	85	Mende	10		Freestone		20
Cambria	2	19	Miner			Frio		20
Cameron		26	Minnehaha	16		Gillespie		50
Carbon	36		Moody			Hale		94
Center	404	199	Roberts			Hamilton		51
Chester	68	8	Sanborn			Haskell		543
Clarion	198	128	Spink			Hemphill		45
Clinton	53		Sully			Hill		1,209
Columbia	416	819	Turner	91		Hunt		283
Crawford	28	616	Union	172		Jack		290
Cumberland	2,204	172	Walworth			Jackson		100
Dauphin	1,819	720	Yankton			Johnson		1,059
Erie	34	669	Tennessee.....	7,414	76,952	Karnes		80
Fayette	333	137	Anderson			Kerr		96
Forest	2	3	Bedford	27		Lamar		78
Franklin	4,859	853	Blount			Lampasas		624
Fulton	949	358	Bradley	31		Lavaca		15
Greene	21	180	Campbell	2		Lee		140
Huntingdon	1,958	196	Cannon	5	1,348	Leon		75
Indiana	804	101	Carter	48	52	Limestone		8,872
Jefferson	151	40	Claiborne	18	168	Live Oak		40
Juniper	1,857	780	Cocke	804	130	McClulloch	40	547
Lancaster	808	73	Coffee		28	McLennan		495
Lawrence	25	25	Crockett	55		Medina		41
Lebanon	906	199	Davidson			Menard		160
Lehigh	465	33	Decatur	2		Mills		648
Luzerne		8	Dekalb	8		Montague		217
Lycoming	155	70	Dyer	10	1,739	Parker		100
McKean	2	13	Franklin	115	673	Rusk		20
Mercer	576	69	Gibson	29		San Saba		707
Mifflin	790	205	Giles	86		Tarrant	50	150
Monroe	49		Grainger	3	1,559	Taylor		18
Montgomery	23	6	Greene	106	162	Travis		49
Montour	161		Grundy	854	367	Tyler	8	100
Northampton	88	2	Hamble	15		Van Zandt		200
Northumberland	1,082	361	Hancock	325	3,229	Wharton		592
Perry	8,281	1,487	Hardin			Wichita		100
Potter	8	783	Hawkins	340	75	Williamson		225
Schuylkill	464	68	Haywood	5	972	Wise		7
Snyder	1,322	276	Henry	29		Young		10
Somerset	489	97	Hickman	80		Utah	35,828	39
Susquehanna		2	Humphreys					
Tioga	2	60	James	93		Boxelder	4,028	
Union	647	187	Jefferson	781	1,298	Cache	2,086	
Venango	139	17	Knox	201	337	Davis	965	
Warren	2	8	Lawrence			Emery	95	
Washington	748	453	Lincoln	14	1,528	Garfield	3	
Westmoreland	1,218	168	Loudon	41		Grand	75	
Wyoming	5	10	McMinn	198		Juab	3,904	
York	2,409	666	Macon			Millard	17,488	
Rhode Island	101	485	Madison	9		Morgan	5	
Kent	1		Marshall			Platte	10	
Newport	100	425	Maury	2	6,287	Salt Lake	2,122	
Providence		10	Meigs	23	5	Sevier	244	
						Summit	20	
						Tooele	975	15

TABLE 12.—PRODUCTION OF CLOVER AND OTHER GRASS SEED IN 1899, BY COUNTIES—Continued.

COUNTIES,	CLOVER SEED,	OTHER GRASS SEED,	COUNTIES,	CLOVER SEED,	OTHER GRASS SEED,	COUNTIES,	CLOVER SEED,	OTHER GRASS SEED,
	Bushels.	Bushels.		Bushels.	Bushels.		Bushels.	Bushels.
Utah—Continued.			Virginia—Continued.			Wisconsin—Continued.		
Uinta	152		Washington	18	140	Chippewa	63	118
Utah	3,089	17	Westmoreland	142		Clark	39	348
Wasatch	23		Wise		24	Columbia	2,424	7,118
Washington	28		Wythe	65	274	Crawford	1,375	390
Weber	54		Manchester city	5		Dane	777	4,501
Uinta Valley and Uncom- pahgre ¹	12		Washington	12	825	Dodge	7,097	1,686
Vermont	3	165	Clallam			Door	18	48
Addison		81	Columbia			Douglas	1	1
Caledonia		2	Lewis			Dunn	46	115
Chittenden		3	Mason	5		Eau Claire	849	652
Franklin		26	Pierce			Fond du Lac	983	1,216
Grand Isle		10	Skagit			Grant	2,019	1,765
Lamoille	3		Stevens			Green	15	715
Windham		40	Whitman			Green Lake	1,767	5,471
Windsor		3	Yakima	7		Iowa	310	1,770
Virginia	4,144	20,980	West Virginia	3,030	1,354	Iron	2	2
Albemarle	15	1,168	Barbour	17	45	Jackson	2,103	252
Alleghany	1		Berkeley	870	7	Jefferson	41	161
Amelia	2		Brooke	130		Junction	7,356	272
Augusta	284	724	Clay			Kenosha		217
Bedford	35	1,895	Doddridge			Keweenaw	902	56
Bland		178	Gilmer			La Crosse	582	556
Botetourt	380	1,596	Grant			Lafayette		840
Brunswick	1	37	Greenbrier			Langlade		20
Buchanan		69	Hampshire	10	408	Lincoln	2	6
Campbell		106	Hancock			Manitowoc	3,671	881
Carroll	41	104	Hardy	61	40	Marathon	52	88
Chesterfield	70		Jackson	39	21	Marguette	5,446	51
Clarke	36		Jefferson	1,183		Milwaukee	92	190
Culpeper	26	16	Kanawha	6		Monroe	1,622	178
Dickenson		2	Lincoln			Oconto	22	12
Essex	70		Marion			Outagamie	502	89
Floyd	50	1,104	Marshall	120	83	Ozaukee	1,974	56
Fluvanna		205	Mason	16	42	Pepin	972	64
Franklin	37	1,664	Mercer	4		Pierce	291	572
Frederick	102	74	Mineral	54		Polk	199	42
Giles	8	905	Monongalia			Portage	1,849	282
Grayson	26	276	Monroe	74	63	Price		10
Greene		63	Nicholas	8	34	Racine		1,032
Henry	2		Ohio	29		Richland	725	416
Highland	4		Pendleton	127	107	Rock		6,385
Lee	30	363	Pleasants		10	St. Croix	386	1,439
Loudoun	156	132	Pocahontas	6	17	Sauk	1,360	1,478
Louisa	62	10	Raleigh	15	28	Shawano	344	84
Lunenburg		231	Randolph	3	22	Sheboygan	1,815	404
Madison	15		Roane	12	3	Taylor		6
Montgomery	29	208	Summers	1	29	Trempealeau	2,003	1,186
Nansemond	1		Taylor	8		Vernon	2,948	1,301
Orange	10		Tucker			Walworth	31	2,019
Page	101	684	Upshur	2	41	Washington	15,241	371
Patrick			Wayne			Waukesha	97	92
Prince George	18	189	Wetzel	9	5	Waupaca	1,688	90
Pulaski	4	1,612	Wirt			Waushara	5,018	55
Rappahannock		460	Wood	59	34	Winnebago	658	580
Roanoke	143	279	Wyoming		8	Wood	240	6
Rockbridge	543	4,944	Wisconsin	91,180	50,577	Wyoming	4,280	800
Rockingham	573		Adams	6,131	202	Bighorn	8,446	319
Russell		18	Barron	593	275	Converse	42	
Scott	34	25	Brown	175	17	Crook	56	6
Shenandoah	932	256	Buffalo	605	2,043	Fremont	20	
Smyth	28	438	Burnett	17		Johnson	439	
Warren	45	27	Calumet	5,827	280	Laramie	104	470
						Sheridan	104	
						Sweetwater		5
						Weston	70	

¹ Indian reservation.