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 505,327, 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	94,916,911	$828,258,326
Wheat	52,588,574	369,945,320
Oats	29,539,698	217,098,584
Barley	4,470,196	41,631,762
Rye	2,054,292	12,290,540
Buckwheat	807,060	5,747,853
Kafir corn	266,513	1,367,040
Rice	351,344	7,891,613
Total cereals	184,994,588	1,484,231,038
Hay and forage	61,691,166	484,256,846

B.—NORTH ATLANTIC DIVISION.

Corn	2,633,120	$39,588,417
Wheat	2,213,587	22,540,965
Oats	2,792,296	27,220,575
Barley	145,131	1,857,874
Rye	575,086	4,085,577
Buckwheat	598,231	4,462,224
Kafir corn	1	7
Rice	.....	.....
Total cereals	8,957,452	99,755,639
Hay and forage	12,919,041	141,959,434

C.—SOUTH ATLANTIC DIVISION.

Corn	12,024,742	$79,406,051
Wheat	3,368,872	22,903,064
Oats	1,268,061	5,869,687
Barley	5,717	53,245
Rye	114,319	493,519
Buckwheat	55,642	341,567
Kafir corn	40	307
Rice	127,369	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	$535,443,048
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	7,081,873
Buckwheat	150,862	926,864
Kafir corn	157,730	805,298
Rice	.....	.....
Total cereals	119,324,898	976,102,487
Hay and forage	35,676,042	221,866,406

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.	Acres.	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	46,567	222,807
Buckwheat	1,374	6,099
Kafir corn	88,363	366,086
Rice	214,845	4,328,566
Total cereals	31,520,429	224,318,571
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	1,321,207	13,922,255
Rye	85,611	406,764
Buckwheat	1,051	11,099
Kafir corn	20,379	195,342
Rice	.....	.....
Total cereals	8,214,779	71,357,916
Hay and forage	7,051,123	60,839,199

G.—ALASKA AND HAWAII.

Corn	3,238	$65,938
Rice	9,130	1,562,051
Total cereals	12,368	1,627,989
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, 3,368,872 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 $71,357,916.

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 compartively 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 cultivation, 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 275,334 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 strippings 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 strippings 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 strippings 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 strippings 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 Altantic 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, cowpeas, 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, 337,237 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 reporting hay and forage.	PER CENT OF TOTAL.				
		Farms reporting hay and forage.	Acres.[1]	Tons.		Value.
				All hay and forage.	Exclusive of cornstalks.	
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.....	59.3	15.9	3.5	3.8	2.8	6.0
North Central.....	76.9	47.1	57.8	58.3	58.2	45.8
South Central.....	31.1	14.4	6.3	6.7	6.4	6.3
Western.....	73.3	5.0	11.4	12.7	13.5	12.6
Alaska and Hawaii.....	0.6	(2)	(2)	(2)	(2)	(2)

[1] Not including area of cornfields from which grain has been harvested.
[2] Less 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 strippings 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 strippings, 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 10.3 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).

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.				
	1899	1889	Increase.	Decrease.	Percent.	1899	1889	Increase.	Decrease.	Per cent.
The United States[1]	61,691,069	52,948,797	8,742,272	.....	16.5	79,251,562	66,831,480	12,420,082	.....	18.6
North Atlantic division	12,919,041	13,205,321	.....	286,280	2.2	15,128,311	16,234,045	.....	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	1,006,375	994,107	12,268	.....	1.2	1,329,972	1,205,953	124,019	.....	10.3
Massachusetts	610,023	627,385	.....	17,362	2.8	848,950	793,167	55,783	.....	7.0
Rhode Island	69,776	94,111	.....	24,335	25.9	75,410	101,392	.....	25,982	25.6
Connecticut	478,555	511,728	.....	33,173	6.5	535,336	612,906	.....	77,570	12.7
New York	5,154,965	5,243,010	.....	88,045	1.7	6,319,475	6,675,658	.....	356,183	5.3
New Jersey	444,610	458,267	.....	13,657	2.9	465,137	661,791	.....	196,654	29.7
Pennsylvania	3,269,441	3,323,689	.....	54,248	1.7	3,766,834	4,331,582	.....	564,748	13.0
South Atlantic division	2,161,201	1,925,753	235,448	.....	12.2	2,194,115	2,104,458	89,657	.....	4.3
Delaware	74,800	76,199	.....	1,399	1.8	79,303	105,231	.....	25,928	24.6
Maryland	374,848	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	373	.....	20.0
Virginia	612,962	604,857	8,105	.....	1.3	627,979	656,153	.....	28,174	4.3
West Virginia	601,935	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	29,132	76,992	.....	264.3	108,886	27,000	81,886	.....	303.3
Georgia	137,312	63,834	73,478	.....	115.1	150,224	69,769	80,455	.....	115.3
Florida	21,994	7,661	14,333	.....	187.1	22,381	8,373	14,008	.....	167.3
North Central division	35,676,042	32,220,468	3,455,574	.....	10.7	46,158,805	41,010,825	5,147,980	.....	12.6
Ohio	3,015,261	2,992,026	23,235	.....	0.8	3,629,722	3,981,070	.....	351,348	8.8
Indiana	2,442,414	2,330,504	111,910	.....	4.8	2,905,608	2,741,045	164,563	.....	6.0
Illinois	3,343,910	3,522,884	.....	178,974	5.1	3,948,563	4,911,104	.....	962,541	19.6
Michigan	2,328,498	2,024,736	303,762	.....	15.0	2,703,214	2,385,155	318,059	.....	13.3
Wisconsin	2,397,982	2,232,317	165,665	.....	7.4	3,275,169	2,981,521	293,648	.....	9.8
Minnesota	3,157,690	2,709,191	448,499	.....	16.6	4,339,328	3,135,241	1,204,087	.....	38.4
Iowa	4,649,378	5,238,918	.....	589,540	11.3	6,600,169	7,264,700	.....	664,531	9.1
Missouri	3,481,506	2,870,562	610,944	.....	21.3	4,062,199	3,567,635	494,564	.....	13.9
North Dakota	1,410,534	558,720	851,814	.....	152.5	1,747,390	531,472	1,215,918	.....	228.8
South Dakota	2,287,875	1,554,913	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	386,982	.....	12.4
Kansas	4,337,342	3,723,452	613,890	.....	16.5	7,066,671	4,854,960	2,211,711	.....	45.6
South Central division	3,883,662	1,913,532	1,970,130	.....	102.9	5,083,325	2,196,743	2,886,582	.....	131.4
Kentucky	683,139	661,705	21,434	.....	3.2	655,066	652,995	2,071	.....	0.3
Tennessee	645,617	571,553	74,064	.....	12.9	679,450	630,417	49,033	.....	7.8
Alabama	85,353	39,993	45,360	.....	113.6	100,061	54,304	45,757	.....	84.3
Mississippi	99,261	66,159	33,102	.....	50.2	129,332	85,054	44,278	.....	52.1
Louisiana	97,136	27,576	69,560	.....	252.2	163,443	40,601	122,842	.....	302.6
Texas	938,024	377,523	560,501	.....	148.5	1,466,452	528,500	937,952	.....	177.5
Oklahoma	695,313	30,733	664,580	.....	2,162.4	1,137,296	40,473	1,096,823	.....	2,710.0
Indian Territory	400,393	(2)	.....	.....	.....	480,609	(2)	.....	.....	.....
Arkansas	239,426	138,290	101,136	.....	73.1	271,616	164,399	107,217	.....	65.2
Western division	7,051,123	3,683,723	3,367,400	.....	91.4	10,687,006	5,285,409	5,401,597	.....	102.2
Montana	875,712	300,033	575,679	.....	191.9	1,059,268	268,689	790,579	.....	294.2
Wyoming	380,769	173,010	207,759	.....	120.1	462,101	147,963	314,138	.....	212.3
Colorado	952,214	481,621	470,593	.....	97.7	1,643,347	714,555	928,792	.....	130.0
New Mexico	87,358	26,375	60,983	.....	230.8	195,324	47,253	148,071	.....	313.4
Arizona	92,674	27,968	64,706	.....	231.3	177,504	63,947	113,557	.....	177.6
Utah	388,043	159,368	228,675	.....	143.3	850,962	301,901	549,061	.....	181.9
Nevada	292,134	140,199	151,935	.....	108.4	419,812	225,827	193,985	.....	85.9
Idaho	513,656	190,501	323,155	.....	169.6	899,125	269,104	630,021	.....	234.1
Washington	497,139	286,013	211,126	.....	73.8	826,897	395,770	431,127	.....	108.9
Oregon	731,823	467,061	264,762	.....	56.7	1,117,400	632,115	485,285	.....	76.8
California	2,239,601	1,431,574	808,027	.....	56.4	3,035,266	2,218,285	816,981	.....	36.8

[1] Not including Alaska and Hawaii.

[2] Not 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	5.2	5.4
North Central	58.2	61.4	54.6	45.6	37.0	24.1
South Central	6.4	3.3	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. [2] 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	33.7	2.20	1.4
10 and under 20	36.1	3.29	1.4
20 and under 50	46.6	5.25	1.3
50 and under 100	66.4	10.25	1.2
100 and under 175	73.8	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 reporting.	Tons per acre.
All farms	62.4	17.21	1.3
Owners	69.8	16.28	1.3
Part owners	74.6	26.79	1.3
Owners and tenants	78.5	19.96	1.3
Managers	71.5	56.15	1.4
Cash tenants	49.2	13.45	1.3
Share tenants	46.6	14.63	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.

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	18.30	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	53.8	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 18.30, 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	18.30	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	5.37	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	52.4	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.

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— All crops in hay and forage.	PER CENT OF ACREAGE OF— Improved land in hay and forage.	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.	AVERAGE VALUE PER ACRE OF— Hay and forage.	Per cent of total value of 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	12,919,041	24,683,365	38,920,614	52.3	33.2	374,955,069	141,959,434	37.9	15.19	10.99	29.3
South Atlantic division	5	2,161,201	29,194,661	46,100,226	7.4	4.7	330,370,926	28,926,431	8.8	11.32	13.38	6.0
North Central division	1	35,676,042	163,000,561	222,314,099	21.9	16.0	1,373,021,966	221,866,406	16.2	8.42	6.22	45.8
South Central division	4	3,883,662	56,233,143	80,007,867	6.9	4.9	617,822,833	30,663,233	5.0	10.99	7.90	6.3
Western division	3	7,051,123	16,622,861	27,155,681	42.4	26.0	192,668,844	60,839,199	31.6	11.59	8.63	12.6
Alabama	41	85,353	6,792,368	8,654,991	1.3	1.0	70,696,268	1,707,638	2.4	10.41	20.01	0.4
Alaska	51	78	104	159	75.0	49.1	6,603	1,340	20.3	63.49	17.18	(3)
Arizona	44	92,674	150,872	254,521	61.4	36.4	2,423,471	1,362,112	56.2	16.06	14.70	0.3
Arkansas	40	239,426	5,241,537	6,953,735	4.6	3.4	56,803,494	1,913,163	3.4	10.84	7.99	0.4
California	9	2,239,601	7,030,284	11,958,837	31.9	18.7	93,641,334	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	8,159,279	48.4	10.58	8.57	1.7
Connecticut	24	478,555	634,622	1,064,525	75.4	45.0	15,349,869	6,001,280	39.1	24.19	12.54	1.2
Delaware	48	74,800	473,987	754,010	15.8	9.9	6,024,879	989,848	16.4	12.71	13.23	0.2
District of Columbia	50	1,228	3,233	5,934	38.0	20.7	669,159	22,772	3.4	206.98	18.54	(3)
Florida	49	21,994	1,062,331	1,511,653	2.1	1.5	12,850,168	435,297	3.4	12.10	19.79	0.1
Georgia	35	137,312	8,412,907	10,615,644	1.6	1.3	83,128,224	3,034,992	3.7	9.88	22.10	0.6
Hawaii	52	19	86,854	294,545	(3)	(3)	21,292,422	803	(3)	245.15	42.26	(3)
Idaho	33	513,656	953,545	1,418,118	53.9	36.3	8,951,440	4,238,993	47.4	9.39	8.25	0.9
Illinois	5	3,343,910	20,865,406	27,699,219	16.0	12.1	212,276,816	25,568,619	12.0	10.17	7.65	5.3
Indiana	8	2,442,414	11,407,798	16,680,358	21.4	14.6	117,266,815	20,227,197	17.2	10.28	8.28	4.2
Indian Territory	46	400,393	2,485,242	3,062,193	16.1	13.1	16,691,142	1,139,079	6.8	6.72	2.84	0.2
Iowa	3	4,649,378	22,170,704	29,897,552	21.0	15.6	192,286,098	30,042,246	15.6	8.67	6.46	6.2
Kansas	11	4,337,342	18,394,271	25,040,550	23.6	17.3	112,684,696	18,499,287	16.4	6.13	4.27	3.8
Kentucky	23	683,139	6,582,696	13,741,968	10.4	5.0	74,783,365	6,100,647	8.2	11.36	8.93	1.3
Louisiana	45	97,136	3,421,751	4,666,532	2.8	2.1	61,272,676	1,353,118	2.2	17.91	13.93	0.3
Maine	14	1,270,254	1,660,655	2,386,889	76.5	53.2	19,301,802	10,641,546	55.1	11.62	8.38	2.2
Maryland	31	374,848	2,031,995	3,516,352	18.4	10.7	29,046,607	4,709,072	16.2	14.29	12.56	1.0
Massachusetts	16	610,023	792,631	1,292,132	77.0	47.2	21,212,830	9,056,854	42.7	26.76	14.85	1.9
Michigan	6	2,328,498	8,092,013	11,799,250	28.8	19.7	85,095,346	21,792,987	25.6	10.52	9.36	4.5
Minnesota	12	3,157,690	15,139,962	18,442,585	20.9	17.1	113,092,602	14,585,281	12.9	7.47	4.62	3.0
Mississippi	42	99,261	5,611,114	7,594,428	1.8	1.3	81,860,150	1,459,879	1.8	14.59	14.71	0.3
Missouri	7	3,481,506	14,827,620	22,900,043	23.5	15.2	117,012,895	20,467,501	17.5	7.89	5.88	4.2
Montana	25	875,712	1,151,674	1,736,701	76.0	50.4	10,516,381	5,974,850	56.8	9.13	6.82	1.2
Nebraska	13	2,823,652	15,153,956	18,432,595	18.6	15.3	92,056,580	11,230,901	12.2	6.07	3.98	2.3
Nevada	39	292,134	328,458	572,946	88.9	51.0	2,863,716	2,067,206	72.2	8.72	7.08	0.4
New Hampshire	21	615,042	740,544	1,076,879	83.1	57.1	9,975,967	6,336,252	63.5	13.47	10.30	1.3
New Jersey	28	444,610	1,295,920	1,977,042	34.3	22.5	27,447,786	5,544,970	20.2	21.18	12.47	1.1
New Mexico	43	87,358	204,028	326,873	42.8	26.7	3,030,299	1,427,317	47.1	14.85	16.34	0.3
New York	1	5,154,965	9,521,648	15,599,986	54.1	33.0	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	63,708,921	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	53,928,010	5,182,917	9.6	6.89	3.67	1.1
Ohio	4	3,015,261	12,008,095	19,244,472	25.1	15.7	151,226,461	29,047,532	19.2	12.59	9.63	6.0
Oklahoma	36	695,313	3,971,309	5,511,994	17.5	12.6	26,612,442	2,888,682	10.8	6.70	4.15	0.6
Oregon	22	731,823	2,096,692	3,328,308	34.9	22.0	20,505,963	6,147,018	30.0	9.78	8.40	1.3
Pennsylvania	2	3,269,441	8,692,408	13,209,188	37.6	24.8	120,512,960	37,514,779	31.1	13.86	11.47	7.7
Rhode Island	47	69,776	98,573	187,354	70.8	37.2	2,844,849	1,081,482	38.0	28.86	15.50	0.2
South Carolina	38	106,124	4,751,385	5,775,741	2.2	1.8	56,975,133	2,304,734	4.0	11.99	21.72	0.5
South Dakota	26	2,287,875	8,848,734	11,285,983	25.9	20.3	44,069,331	5,954,229	13.5	4.98	2.60	1.2
Tennessee	20	645,617	6,890,550	10,245,950	9.4	6.3	65,658,618	6,811,577	10.4	9.53	10.55	1.4
Texas	19	938,024	15,236,576	19,576,076	6.2	4.8	163,444,678	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	3,862,820	46.9	11.99	9.95	0.8
Vermont	15	1,006,375	1,246,364	2,126,624	80.7	47.3	16,061,761	10,544,825	65.7	12.89	10.48	2.2
Virginia	18	612,962	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	497,139	1,991,109	3,465,960	25.0	14.3	22,530,024	5,831,088	25.9	11.32	11.73	1.2
West Virginia	29	601,935	2,135,285	5,498,981	28.2	10.9	23,068,209	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	82,026,316	19,267,709	23.5	9.92	8.03	4.0
Wyoming	37	380,769	435,863	792,332	87.4	48.1	3,119,023	2,332,028	74.8	7.16	6.12	0.5

[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] 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.

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
The United States[4]	.....	5,739,657	3,583,760	61,691,166	84,011,299	79,251,946	$484,256,846	100.0	17.2	$7.85	$5.76	1.4	1.3	1.1
North Atlantic division	2	677,506	630,076	12,919,041	15,557,201	15,128,311	141,959,434	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	28,926,431	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	3,883,662	5,577,528	5,083,325	30,663,233	6.3	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	60,839,199	12.6	39.6	8.63	5.69	1.5	1.4	1.4
Alabama	41	223,220	68,661	85,353	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	(5)	15.6	17.18	11.86	1.4	.....	.....
Arizona	44	5,809	2,639	92,674	177,831	177,504	1,362,112	0.3	35.1	14.70	7.66	1.9	2.3	1.0
Arkansas	40	178,694	43,220	239,426	288,416	271,616	1,913,163	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	1,643,347	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	(5)	9.8	18.54	10.16	1.8	1.2	1.6
Florida	49	40,814	15,586	21,994	37,187	22,381	435,297	0.1	1.4	19.79	11.71	1.7	1.1	0.5
Georgia	35	224,691	107,648	137,312	287,148	150,224	3,034,992	0.6	1.3	22.10	10.57	2.1	1.1	0.9
Hawaii	52	2,273	8	19	271	271	803	(5)	2.4	42.26	2.96	14.3	.....	.....
Idaho	33	17,471	13,798	513,656	899,154	899,125	4,238,993	0.9	37.2	8.25	4.71	1.8	1.4	1.2
Illinois	5	264,151	181,534	3,343,910	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	2,442,414	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	6,851,871	6,600,169	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	683,139	776,534	655,066	6,100,647	1.3	7.9	8.93	7.86	1.1	1.0	0.7
Louisiana	45	115,969	14,635	97,136	248,601	163,443	1,353,118	0.3	6.6	13.93	5.44	2.6	1.5	0.8
Maine	14	59,299	58,413	1,270,254	1,136,584	1,133,932	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	4,709,072	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	9,056,854	1.9	17.8	14.85	10.57	1.4	1.3	1.1
Michigan	6	203,261	171,692	2,328,498	2,926,694	2,703,214	21,792,987	4.5	13.6	9.36	7.45	1.3	1.2	1.1
Minnesota	12	154,659	132,851	3,157,690	4,411,667	4,339,328	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	1,459,879	0.3	2.3	14.71	8.87	1.7	1.3	0.8
Missouri	7	284,886	176,893	3,481,506	4,326,896	4,062,199	20,467,501	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	2,667,296	0.4	155.6	7.08	4.92	1.4	1.6	1.3
New Hampshire	21	29,324	28,731	615,042	654,973	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	12.47	10.22	1.2	1.4	1.3
New Mexico	43	12,311	5,454	87,358	196,545	195,324	1,427,317	0.3	16.0	16.34	7.26	2.2	1.8	0.9
New York	1	226,720	210,527	5,154,965	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	429,824	246,820	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	3.67	2.96	1.2	1.0	1.6
Ohio	4	276,719	220,089	3,015,261	4,192,871	3,629,722	29,047,532	6.0	13.7	9.63	6.93	1.4	1.3	1.0
Oklahoma	36	62,495	36,693	695,313	1,145,455	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	3,766,834	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	2,304,734	0.5	1.2	21.72	10.81	2.0	0.9	1.0
South Dakota	26	52,622	44,165	2,287,875	2,383,774	2,378,392	5,954,229	1.2	51.8	2.60	2.50	1.0	1.0	.....
Tennessee	20	224,623	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	938,024	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	850,962	3,862,820	0.8	22.8	9.95	4.53	2.2	1.9	1.4
Vermont	15	33,104	32,557	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	943,079	627,979	7,670,082	1.6	5.3	12.51	8.13	1.5	1.1	0.9
Washington	27	33,202	26,738	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	9.3	9.17	8.56	1.1	1.0	0.6
Wisconsin	10	169,795	150,919	2,397,982	3,667,212	3,275,169	19,267,709	4.0	15.9	8.03	5.25	1.5	1.3	1.3
Wyoming	37	6,095	4,141	330,769	462,101	462,101	2,332,028	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 per cent.

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	.....	.....	52,948,797	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	13,205,321	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	1,913,532	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	3,323,689	6.3	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	1,053,378	3.4	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	59.3
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	2,330,504	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	2,024,786	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	1,431,574	2.7	78.5	14	758,024	2.5	76.7
North Dakota[4]	15	1,410,534	2.3	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	1,300,302	2.5	82.1	10	1,279,299	4.2	81.5
Vermont	17	1,006,375	1.6	78.8	16	994,107	1.9	84.0	13	1,015,620	3.3	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	875,712	1.4	83.2	30	300,038	0.6	86.2	33	56,801	0.2	85.5
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	695,313	1.1	85.5	43	30,733	0.1	87.2	.....	.....	.....	.....
Kentucky	23	683,139	1.1	86.6	17	661,705	1.2	88.4	22	300,251	1.0	87.0
Tennessee	24	645,617	1.0	87.6	22	571,553	1.1	89.5	24	191,651	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	612,962	1.0	89.6	20	604,857	1.1	91.8	21	336,289	1.1	90.9
Massachusetts	27	610,023	1.0	90.6	19	627,385	1.2	93.0	16	639,498	2.1	93.0
West Virginia	28	601,935	1.0	91.6	21	579,129	1.1	94.1	20	366,328	1.2	94.2
Idaho	29	513,656	0.8	92.4	33	190,501	0.4	94.5	37	34,399	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	96.3
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	0.3	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	372,626	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	25,749	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	137,312	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	29,132	0.1	99.4	45	2,837	(7)	.....
Mississippi	42	99,261	0.2	99.1	40	66,159	0.1	99.5	43	9,319	(7)	.....
Louisiana	43	97,136	0.2	99.3	46	27,576	(7)	.....	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	(7)	.....
New Mexico	45	87,358	0.1	99.6	47	26,375	(7)	.....	42	12,351	(7)	.....
Alabama	46	85,353	0.1	99.7	42	39,993	0.1	99.7	41	12,916	(7)	.....
Delaware	47	74,800	0.1	99.8	39	76,199	0.1	99.8	35	42,688	0.1	99.7
Rhode Island	48	69,776			38	94,111	0.2	100.0	27	102,894	0.3	100.0
Florida	49	21,994			48	7,661	(7)	.....	47	330	(7)	.....
District of Columbia	50	1,228	0.2	100.0	49	1,561	(7)	.....	46	2,361	(7)	.....
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.

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]	.....	79,251,946	100.0	.....	.....	66,881,480	100.0	.....	.....	35,150,711	100.0	.....
2	North Central division	1	46,158,805	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	16,234,045	24.3	85.7	2	12,665,694	36.0	90.6
4	Western division	3	10,687,006	13.5	90.8	3	5,285,409	7.9	93.6	3	1,836,184	5.2	95.8
5	South Central division	4	5,083,325	6.4	97.2	4	2,196,743	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	3.1	100.0	4	943,941	2.7	100.0
7	Kansas	1	7,066,671	8.9	8.9	4	4,854,960	7.3	7.3	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	6,675,658	10.0	28.2	1	5,255,642	14.9	29.8
10	Minnesota	4	4,339,328	5.5	30.7	8	3,135,241	4.7	32.9	7	1,637,109	4.7	34.5
11	Missouri	5	4,062,199	5.1	35.8	7	3,567,635	5.3	38.2	12	1,083,929	3.1	37.6
12	Illinois	6	3,948,563	5.0	40.8	3	4,911,104	7.3	45.5	3	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	2,811,517	8.0	54.9
14	Ohio	8	3,629,722	4.6	50.2	6	3,981,076	6.0	58.0	5	2,212,133	6.3	61.2
15	Nebraska	9	3,502,380	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	1,045,119	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	3.9	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	2.3	80.5	.....	.....	.....	.....
21	North Dakota[5]	15	1,747,390	2.2	74.8	27	531,472	0.8	81.3	20	308,036	0.9	80.6
22	Colorado	16	1,643,347	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	83.2	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	1,052,183	3.0	83.9
25	Oklahoma[6]	19	1,137,296	1.4	81.9	46	40,473	0.1	85.1	.....	.....	.....	.....
26	Maine	20	1,133,932	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	632,115	0.9	87.8	22	266,187	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	269,104	0.4	88.6	36	40,053	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	89.3	17	793,167	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	218,739	0.6	91.7
35	New Hampshire	29	653,265	0.8	92.9	20	659,368	1.0	93.7	17	588,170	1.7	93.4
36	Virginia	30	627,979	0.8	93.7	21	656,153	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	232,338	0.7	94.9
38	Connecticut	32	535,336	0.7	95.1	25	612,906	0.9	96.4	18	564,079	1.6	96.5
39	Indian Territory[7]	33	480,609	0.6	95.7	.....	.....	.....	.....	.....	.....	.....	.....
40	New Jersey	34	465,137	0.6	96.3	19	661,791	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	23,516	0.1	98.1
42	Nevada	36	419,812	0.5	97.4	34	225,827	0.3	97.9	28	95,853	0.3	98.4
43	Maryland	37	415,197	0.5	97.9	29	494,157	0.7	98.6	23	264,567	0.8	99.2
44	Arkansas	38	271,616	0.3	98.2	36	164,399	0.2	98.8	39	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	0.3	99.6
46	New Mexico	40	195,324	0.3	98.8	44	47,253	0.1	99.2	41	11,025	(3)	.....
47	Arizona	41	177,504	0.2	99.0	42	63,947	0.1	99.3	44	5,606	(3)	.....
48	Louisiana	42	163,443	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	(3)	.....
50	Mississippi	44	129,332	0.2	99.6	40	85,054	0.1	99.6	43	7,694	(3)	.....
51	South Carolina	45	108,886	0.1	99.7	47	27,000	(3)	.....	46	2,706	(3)	.....
52	Alabama	46	100,061	0.1	99.8	43	54,304	0.1	99.7	42	10,544	(3)	.....
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	22,381			48	8,373	(3)	.....	47	179	(3)	.....
56	District of Columbia	50	2,241	0.1	100.0	49	1,868	(3)	.....	45	3,759	(3)	.....
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.

TERRITORIES IN DESCENDING ORDER OF PRODUCT IN 1899, SUMMARY 1850 TO 1900.

CENSUS 1870.				CENSUS 1860.				CENSUS 1850.				
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	.....	.....	19,083,896	100.0	.....	.....	13,836,642	100.0	.....	1
2	12,453,239	45.6	45.6	2	7,060,045	37.0	37.0	2	3,336,919	24.1	24.1	2
1	12,920,959	47.3	92.9	1	10,188,132	53.4	90.4	1	9,471,369	68.4	92.5	3
4	771,520	2.8	95.7	5	360,782	1.9	92.3	5	7,216	0.1	92.6	4
5	374,515	1.4	97.1	4	471,029	2.5	94.8	4	271,109	2.0	94.6	5
3	795,815	2.9	100.0	3	1,003,908	5.2	100.0	3	752,029	5.4	100.0	6
18	490,289	1.8	1.8	26	56,232	0.3	0.3	.....	.....	.....	.....	7
5	1,777,339	6.5	8.3	8	813,173	4.3	4.6	19	89,055	0.6	0.6	8
1	5,614,205	20.6	28.9	1	3,564,793	18.7	23.3	1	3,728,797	27.0	27.6	9
11	695,053	2.6	31.5	20	179,482	0.9	24.2	34	2,019	(3)	.....	10
12	615,611	2.3	33.8	16	401,070	2.1	26.3	17	116,925	0.9	28.5	11
3	2,747,339	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	1,564,502	8.2	55.6	3	1,443,142	10.4	56.6	14
23	169,354	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	305,655	1.6	61.8	33	2,038	(3)	.....	17
8	1,076,768	3.9	73.9	12	622,426	3.3	65.1	12	403,230	2.9	61.5	18
6	1,290,923	4.7	78.6	9	768,256	4.0	69.1	11	404,934	2.9	64.4	19
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20
35	13,347	0.1	78.7	41	855	(3)	.....	.....	.....	.....	.....	21
32	19,787	0.1	78.8	.....	.....	.....	.....	.....	.....	.....	.....	22
33	18,982	0.1	78.9	34	11,865	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	1,053,415	3.9	86.5	5	975,803	5.1	79.2	5	755,889	5.5	76.3	26
27	75,357	0.3	86.8	31	27,986	0.1	79.3	35	373	(3)	.....	27
34	18,727	0.1	86.9	.....	.....	.....	.....	.....	.....	.....	.....	28
41	6,985	(3)	.....	.....	.....	.....	.....	.....	.....	.....	.....	29
31	27,305	0.1	87.0	33	19,235	0.1	79.4	29	4,805	(3)	.....	30
14	597,465	2.2	89.2	10	665,331	3.5	82.9	6	651,807	4.7	81.0	31
30	30,233	0.1	89.3	37	4,580	(3)	.....	.....	.....	.....	.....	32
24	116,582	0.4	89.7	22	143,499	0.8	83.7	21	74,091	0.5	81.5	33
21	204,399	0.8	90.5	21	158,476	0.8	84.5	18	113,747	0.8	82.3	34
13	612,648	2.3	92.8	11	642,741	3.4	87.9	8	598,854	4.3	86.6	35
22	199,883	0.7	93.5	15	445,133	2.3	90.2	13	369,098	2.7	89.3	36
19	224,164	0.8	94.3	.....	.....	.....	.....	.....	.....	.....	.....	37
15	563,328	2.1	96.4	13	562,425	2.9	93.1	9	516,131	3.7	93.0	38
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39
17	521,975	1.9	98.3	14	508,726	2.7	95.8	10	435,950	3.2	96.2	40
44	3,180	(3)	.....	.....	.....	.....	.....	.....	.....	.....	.....	41
29	33,855	0.1	98.4	39	2,213	(3)	.....	.....	.....	.....	.....	42
20	223,119	0.8	99.2	18	191,744	1.0	96.8	15	157,956	1.1	97.3	43
42	6,839	(3)	.....	36	9,356	(3)	.....	30	3,976	(3)	.....	44
26	83,540	0.3	99.5	19	181,365	1.0	97.8	16	145,653	1.1	98.4	45
43	4,209	(3)	.....	40	1,113	(3)	.....	.....	.....	.....	.....	46
46	109	(3)	.....	.....	.....	.....	.....	.....	.....	.....	.....	47
39	8,773	(3)	.....	27	52,721	0.3	98.1	24	25,752	0.2	98.6	48
38	10,518	(3)	.....	28	46,448	0.2	98.3	25	23,449	0.2	98.8	49
40	8,324	(3)	.....	30	32,901	0.2	98.5	27	12,504	0.1	98.9	50
36	10,665	(3)	.....	23	87,587	0.5	99.0	26	20,925	0.2	99.1	51
37	10,613	(3)	.....	25	62,211	0.3	99.3	22	32,685	0.2	99.3	52
28	41,890	0.2	99.7	29	36,973	0.2	99.5	23	30,159	0.2	99.5	53
25	89,045	0.3	100.0	24	82,722	0.4	99.9	20	74,818	0.5	100.0	54
47	17	(3)	.....	35	11,478	0.1	100.0	31	2,510	(3)	.....	55
45	2,019	(3)	.....	38	3,180	(3)	.....	32	2,279	(3)	.....	56
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	58

[5] Dakota territory prior to 1890.
[6] Included in Indian Territory prior to 1890.
[7] Not reported prior to 1900.
[8] Acquired in 1898.

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	278,630	1,743,887	2,850,959	1.6	96,114	2,094,011	5,220,671	2.5
2	North Atlantic division	16,292	152,664	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	38,377	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	1,296,531	2,228,848	1.7	30,014	415,556	936,130	2.3
5	South Central division	45,812	1,084,284	1,149,141	1.1	73,363	356,730	490,009	1.4	4,290	41,537	74,875	1.8
6	Western division	26,246	2,028,324	1,962,867	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	3,053	8,364	10,442	1.2	43	272	343	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	10,445	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	298,898	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	12,709	13,307	1.0	471	1,146	1,851	1.6	38	153	204	1.3
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	25	2.5	.....	.....	.....	.....
16	Florida	324	1,435	1,655	1.2	36	58	106	1.8	.....	.....	.....	.....
17	Georgia	1,364	6,101	5,935	1.0	1,425	4,506	5,523	1.2	26	37	83	2.2
18	Hawaii	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
19	Idaho	2,723	140,467	160,290	1.1	57	813	1,559	1.9	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	137,721	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	27,531	161,777	321,732	2.0	326	2,298	6,252	2.7
24	Kansas	79,008	2,165,174	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	37,139	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	4,324	5,376	1.2	567	1,743	2,577	1.5	16	144	182	1.3
29	Massachusetts	3,161	28,518	28,322	1.0	2,328	5,327	9,601	1.8	20	96	102	1.1
30	Michigan	7,283	59,512	69,388	1.2	8,588	26,463	34,159	1.3	213	1,087	1,366	1.3
31	Minnesota	95,364	2,196,623	2,842,234	1.3	7,736	58,339	93,954	1.6	106	658	1,781	2.7
32	Mississippi	1,176	6,753	7,965	1.2	292	1,397	2,369	1.7	18	99	201	2.0
33	Missouri	7,696	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	27,380	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	17,383	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	6,331	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	709	1,959	2,705	1.4	87	243	392	1.6
42	North Dakota	31,338	1,248,259	1,536,951	1.2	6,122	85,655	112,538	1.3	20	334	479	1.4
43	Ohio	432	3,548	3,563	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	33,327	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	145,875	2.7
46	Pennsylvania	731	3,930	4,203	1.1	2,713	8,555	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	129	474	806	1.7	10	18	31	1.7
49	South Dakota	39,990	2,066,409	2,043,405	1.0	11,668	126,260	195,243	1.5	606	13,029	28,265	2.2
50	Tennessee	2,675	11,528	10,444	0.9	25,616	97,576	104,690	1.1	92	654	1,173	1.8
51	Texas	11,735	286,079	280,145	1.0	23,936	152,750	234,680	1.5	1,845	18,999	33,394	1.8
52	Utah	2,497	71,065	88,690	1.2	69	2,604	3,876	1.3	15,829	268,229	681,515	2.5
53	Vermont	569	6,700	7,163	1.1	1,401	3,286	5,972	1.8	8	38	45	1.2
54	Virginia	632	2,696	2,922	1.1	3,941	13,315	15,294	1.1	66	349	521	1.5
55	Washington	1,413	49,963	51,260	1.0	37	319	496	1.6	1,832	35,166	118,559	3.4
56	West Virginia	129	849	759	0.9	1,365	4,924	5,428	1.1	15	123	198	1.6
57	Wisconsin	29,282	425,948	533,000	1.3	7,306	30,129	51,170	1.7	102	460	838	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.

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.						
												Sown for forage.				Cornstalks.		
Farms reporting.	Acres.	Tons.	Average tons per acre.	Farms reporting.	Acres.	Tons.	Average tons per acre.	Farms reporting.	Acres.	Tons.	Average tons per acre.	Farms reporting.	Acres.	Tons.	Average tons per acre.	Farms reporting.	Tons.	
420,124	4,103,968	5,167,188	1.3	1,958,062	31,301,689	35,624,395	1.1	337,237	3,883,530	4,964,657	1.3	352,019	3,107,241	8,139,124	2.6	689,915	4,759,353	1
50,517	473,154	529,465	1.1	593,230	11,688,778	12,189,272	1.0	39,980	192,597	304,049	1.6	83,784	362,863	1,849,365	5.1	40,780	428,890	2
36,983	254,100	256,562	1.0	189,464	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	2,991,582	3,879,464	1.3	1,016,096	16,215,837	19,553,331	1.2	77,293	773,063	1,144,449	1.5	152,117	1,831,449	4,462,074	2.4	172,884	2,829,613	4
38,002	289,111	299,063	1.0	116,617	846,608	872,274	1.0	91,359	510,901	662,274	1.3	94,599	754,491	1,535,689	2.0	138,943	494,203	5
8,603	96,021	202,634	2.1	42,653	975,972	1,468,274	1.5	77,968	2,197,838	2,631,633	1.2	6,881	103,114	200,204	1.9	927	8,264	6
334	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
.....	.....	.....	.....	89	1,078	1,995	1.9	652	15,349	20,487	1.3	258	3,130	8,016	2.6	17	327	9
2,825	18,262	20,426	1.1	12,339	59,504	67,032	1.1	14,013	62,756	73,375	1.2	4,643	16,788	23,261	1.4	7,638	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	2,113	42,695	83,546	2.0	34	716	11
185	2,582	5,410	2.1	2,108	80,566	113,292	1.4	2,673	46,530	55,277	1.2	1,313	23,228	42,928	1.8	261	3,974	12
247	1,031	1,299	1.3	24,808	439,082	441,019	1.0	3,163	10,989	19,375	1.8	3,311	13,445	58,281	4.3	1,101	7,856	13
2,652	26,508	24,346	0.9	2,736	36,196	37,846	1.0	464	2,571	3,692	1.4	268	3,068	3,603	1.2	3,475	48,890	14
4	27	50	1.9	96	969	1,625	1.7	39	181	392	2.2	4	41	149	3.6	.....	.....	15
21	111	109	1.0	4,266	13,951	13,625	1.0	1,089	3,996	4,158	1.0	676	2,443	2,728	1.1	9,751	14,806	16
432	2,112	2,339	1.1	15,572	62,050	65,978	1.1	10,160	40,525	42,211	1.0	7,059	21,981	28,155	1.3	77,424	136,924	17
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	19	271	14.3	.....	.....	18
613	14,786	35,420	2.4	3,064	99,281	139,354	1.4	5,195	91,654	125,043	1.4	399	6,626	11,753	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	955,811	1.2	110,021	1,365,815	1,555,764	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	2,311	2,739	1.2	221	4,009	6,600	1.6	1,217	19,903	45,790	2.3	197	3,330	22
10,221	148,720	229,326	1.5	129,029	2,838,095	3,823,133	1.3	8,324	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	12,533	258,108	337,536	1.3	7,870	94,936	223,048	2.3	64,586	1,041,447	2,728,321	2.6	5,459	168,465	24
19,244	158,110	159,747	1.0	44,284	403,211	370,461	0.9	8,339	55,334	56,911	1.0	3,187	21,648	24,202	1.1	14,932	121,468	25
215	1,637	2,769	1.7	1,909	14,724	19,606	1.3	4,771	66,823	112,481	1.7	1,338	6,075	17,425	2.9	6,382	85,158	26
1,168	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	52,831	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	3,894	10,533	2.7	5,709	91,845	28
641	4,065	5,604	1.4	33,048	529,671	594,677	1.1	6,203	18,711	35,740	1.9	5,741	23,635	174,904	7.4	940	7,555	29
25,018	225,636	264,312	1.2	143,866	1,926,131	2,167,808	1.1	5,421	42,643	49,693	1.2	8,064	47,026	116,488	2.5	18,675	223,480	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	72,339	31
515	2,940	3,500	1.2	6,178	34,157	42,638	1.2	13,720	48,848	65,138	1.3	1,552	5,067	7,521	1.5	21,262	35,318	32
34,636	377,228	493,364	1.3	128,311	2,563,365	2,829,485	1.1	11,974	124,515	151,967	1.2	10,297	79,491	154,691	1.9	21,317	264,697	33
544	12,498	22,630	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	3,141	42,066	54,269	1.3	9,002	90,828	183,097	2.0	911	15,115	35
21	1,021	1,324	1.3	218	26,957	30,778	1.1	94	2,152	3,703	1.7	9	136	144	1.1	.....	.....	36
395	2,500	3,083	1.2	28,001	565,651	524,463	0.9	4,967	14,188	24,732	1.7	3,861	11,391	78,837	6.9	248	1,708	37
5,791	57,635	53,272	0.9	20,894	312,961	278,496	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	823	42
66,190	617,516	773,857	1.3	174,823	2,276,898	2,627,989	1.2	6,196	60,813	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	25,039	58,446	2.3	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
31,167	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	45,366	181,023	4.0	24,964	253,554	46
150	612	932	1.5	4,430	60,420	58,031	1.0	953	3,870	6,003	1.6	568	2,783	7,742	2.8	193	1,510	47
490	1,435	1,728	1.2	13,001	50,733	51,608	1.0	13,893	48,918	47,912	1.0	1,160	3,592	5,816	1.6	65,426	104,368	48
152	2,573	4,614	1.8	1,084	21,573	28,517	1.3	1,532	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	35,811	218,821	222,795	1.0	35,337	181,318	184,946	1.0	6,974	31,586	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	87,273	1.7	49,540	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	323	3,324	4,290	1.3	283	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	17,924	33,178	1.9	10,454	39,520	269,138	6.8	660	6,375	53
16,216	104,124	105,640	1.0	51,004	442,070	437,436	1.0	6,978	40,581	44,329	1.1	1,606	9,877	21,837	2.2	61,332	315,100	54
2,513	18,484	40,054	2.2	12,494	158,872	301,656	1.9	13,435	226,652	301,676	1.3	737	7,683	13,196	1.7	37	516	55
3,760	25,170	23,521	0.9	53,476	555,787	494,467	0.9	1,441	13,118	13,017	1.0	439	1,964	3,694	1.9	14,936	103,451	56
21,403	203,253	303,231	1.5	119,021	1,636,348	2,124,514	1.3	5,207	35,983	53,571	1.5	11,773	65,861	208,845	3.2	23,404	392,043	57
31	900	1,561	1.7	855	44,490	53,878	1.2	777	14,827	20,022	1.4	114	1,906	2,637	1.4	.....	.....	58

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]	3,583,760	61,691,166	79,251,946	2,199,202	35,794,339	46,119,896	336,778	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	694,334	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	8,233,197
5	South Central division	515,310	3,883,662	5,083,325	295,333	2,252,868	2,851,557	39,434	516,956	759,470
6	Western division	178,029	7,051,123	10,687,006	121,697	3,725,131	5,968,224	21,106	1,243,814	1,644,851
7	Alabama	68,661	85,353	100,061	27,079	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	43,220	239,426	271,616	26,993	160,426	178,883	3,596	18,456	20,361
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	1,643,347	10,610	457,790	832,090	1,940	169,674	238,908
13	Connecticut	25,503	478,555	535,336	20,223	361,305	400,488	1,050	27,275	33,880
14	Delaware	7,717	74,800	79,303	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	21,994	22,381	10,629	15,572	15,910	1,173	2,016	1,890
17	Georgia	107,648	137,312	150,224	43,137	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	391,826	683,998	737	36,290	58,002
20	Illinois	181,534	3,343,910	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	25,093	370,900	441,232
22	Indian Territory	8,786	400,393	480,609	2,668	146,633	167,493	207	35,677	39,402
23	Iowa	187,122	4,649,378	6,600,169	98,769	2,471,542	3,523,011	25,128	662,646	975,267
24	Kansas	137,083	4,337,342	7,066,671	61,274	1,806,236	3,099,248	30,269	1,203,209	2,016,337
25	Kentucky	86,575	683,139	655,066	59,611	474,430	452,682	6,595	55,258	52,770
26	Louisiana	14,635	97,136	163,443	7,795	47,591	74,309	666	6,094	9,466
27	Maine	58,413	1,270,254	1,133,932	53,617	1,154,757	1,030,635	745	22,201	22,856
28	Maryland	29,979	374,848	415,197	18,963	220,761	248,995	972	12,130	13,265
29	Massachusetts	34,278	610,023	848,950	28,061	465,134	634,621	1,444	36,534	56,509
30	Michigan	171,692	2,328,498	2,703,214	126,980	1,586,257	1,843,049	14,020	231,093	266,169
31	Minnesota	132,851	3,157,690	4,339,328	95,801	2,105,235	2,917,924	13,491	426,219	564,863
32	Mississippi	43,012	99,261	129,332	23,922	64,928	84,119	1,806	4,627	6,401
33	Missouri	176,893	3,481,506	4,062,199	109,671	2,191,275	2,581,125	22,197	465,937	543,884
34	Montana	10,656	875,712	1,059,208	8,201	521,764	640,689	1,095	165,959	196,239
35	Nebraska	84,849	2,823,652	3,502,380	39,433	1,154,881	1,522,845	18,828	885,697	986,107
36	Nevada	1,878	292,134	419,812	1,410	169,214	255,341	134	34,422	40,475
37	New Hampshire	28,731	615,042	653,265	25,249	528,882	560,963	566	16,997	19,941
38	New Jersey	27,640	444,610	465,137	17,522	249,748	259,414	781	14,110	18,143
39	New Mexico	5,454	87,358	195,324	4,330	46,767	103,452	272	9,094	18,848
40	New York	210,527	5,154,965	6,319,475	142,205	3,128,281	3,834,315	12,575	375,792	457,081
41	North Carolina	141,532	229,998	246,820	73,180	159,954	167,557	10,361	17,554	17,700
42	North Dakota	34,422	1,410,534	1,747,390	24,896	911,837	1,150,210	6,205	325,941	387,539
43	Ohio	220,089	3,015,261	3,629,722	188,870	1,774,998	2,129,021	18,448	282,510	347,846
44	Oklahoma	36,693	695,313	1,137,296	25,566	422,774	690,198	4,862	141,397	243,068
45	Oregon	29,273	731,823	1,117,400	19,824	424,171	679,862	3,750	124,657	168,843
46	Pennsylvania	207,706	3,269,441	3,766,834	140,991	2,019,996	2,317,679	6,654	140,127	163,659
47	Rhode Island	4,721	69,776	75,410	3,449	46,860	50,022	183	4,403	5,412
48	South Carolina	87,777	106,124	108,886	31,885	62,880	61,690	4,177	5,247	5,018
49	South Dakota	44,165	2,287,875	2,378,392	20,641	855,561	943,030	14,074	980,779	962,667
50	Tennessee	118,357	645,617	679,450	70,296	422,057	439,028	8,457	46,494	47,630
51	Texas	95,371	938,024	1,466,452	51,403	468,006	710,002	9,106	201,240	331,574
52	Utah	17,042	388,043	850,962	13,282	275,808	610,162	1,979	46,557	109,905
53	Vermont	32,557	1,006,375	1,329,972	25,553	734,733	974,810	1,356	56,895	74,455
54	Virginia	115,910	612,962	627,979	72,353	419,637	435,468	7,339	39,292	40,645
55	Washington	26,738	497,139	826,897	19,685	323,264	542,877	3,076	85,878	129,018
56	West Virginia	64,767	601,935	541,084	49,260	470,253	429,228	3,480	32,126	27,323
57	Wisconsin	150,919	2,397,982	3,275,169	122,134	1,888,022	2,517,500	7,065	142,430	191,434
58	Wyoming	4,141	380,769	462,101	2,442	147,299	183,465	1,046	132,438	156,026

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

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

OWNERS AND TENANTS.			MANAGERS.			CASH TENANTS.			SHARE TENANTS.			
Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	
41,862	835,398	1,063,668	42,350	2,377,895	3,406,882	370,304	4,981,185	6,375,164	593,264	8,678,812	10,683,405	1
6,031	155,090	190,722	11,985	386,718	526,197	57,441	1,134,376	1,287,892	72,395	1,858,827	2,208,617	2
4,573	27,414	26,270	5,889	86,896	96,745	92,315	138,262	146,954	134,199	337,321	334,689	3
22,668	542,379	695,503	15,437	928,639	1,333,640	141,157	2,851,269	3,693,689	267,916	5,230,072	6,441,775	4
7,323	58,820	66,103	4,402	186,133	283,042	66,371	343,016	440,773	102,447	525,869	682,380	5
1,267	51,695	85,070	4,636	789,505	1,167,228	13,017	514,258	805,809	16,306	726,720	1,015,824	6
430	661	830	349	4,822	6,577	22,424	16,296	17,978	14,240	9,838	11,035	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
6	148	336	156	12,077	31,418	199	9,744	17,418	130	3,756	8,599	9
657	3,582	3,953	284	7,045	9,000	4,341	20,813	26,515	7,349	29,104	32,904	10
247	11,707	16,109	1,700	223,134	330,550	6,190	293,558	437,142	5,873	372,078	406,323	11
123	8,945	17,310	616	116,489	197,081	1,392	62,860	115,197	2,327	136,456	242,761	12
342	8,762	10,422	734	20,467	26,251	2,527	44,236	45,793	627	16,510	18,502	13
23	308	305	106	1,724	2,371	568	7,370	8,625	3,289	35,746	36,131	14
.....	.....	.....	11	383	857	40	418	667	2	7	13	15
174	181	176	243	1,734	1,978	2,582	1,768	1,747	785	723	680	16
568	1,414	1,379	838	6,853	7,472	27,376	20,652	22,990	32,326	24,579	26,190	17
.....	.....	.....	1	4	30	3	4	47	1	3	120	18
148	6,311	10,913	271	34,157	62,902	285	10,824	19,380	907	34,248	63,930	19
2,024	43,598	52,082	1,434	56,114	74,040	24,897	449,100	539,468	37,767	644,342	754,254	20
3,248	55,521	65,182	1,732	62,435	76,451	8,169	120,562	142,788	35,016	533,274	624,834	21
37	2,493	2,775	53	16,075	18,316	1,770	82,424	102,423	4,051	117,091	150,200	22
1,991	61,978	87,606	1,260	79,068	121,241	34,888	757,293	1,043,054	25,086	616,851	849,990	23
2,821	85,913	138,299	1,319	150,820	307,789	12,692	399,980	582,713	29,208	691,184	922,285	24
2,053	17,942	16,580	729	15,552	16,554	5,162	47,461	48,090	12,425	72,496	68,390	25
96	419	656	495	27,389	53,778	2,661	9,232	14,880	2,922	6,411	10,354	26
563	15,891	16,525	805	24,317	22,551	1,957	36,829	28,323	726	16,259	13,042	27
127	1,680	1,887	782	17,313	19,130	2,297	24,651	26,747	6,838	98,313	105,178	28
333	8,157	12,442	1,387	47,219	79,305	2,643	43,156	52,101	410	9,823	13,912	29
2,145	36,182	41,358	1,871	61,011	83,857	7,402	103,945	121,206	19,274	310,010	347,575	30
693	18,593	26,134	920	54,764	75,602	3,933	94,885	136,659	18,013	457,994	618,146	31
248	355	393	390	7,906	11,837	9,628	14,065	17,322	7,018	7,380	9,260	32
4,085	95,844	108,519	1,286	69,901	88,561	14,812	261,731	302,002	24,842	396,818	438,108	33
59	4,275	6,055	384	122,678	139,753	458	33,267	41,374	459	27,829	35,158	34
942	30,965	41,640	833	183,199	236,636	6,838	187,624	242,072	18,475	381,286	473,080	35
14	1,680	2,555	111	65,714	86,774	129	13,209	22,593	80	7,895	12,074	36
105	3,508	3,684	679	23,091	27,570	1,600	29,083	28,086	532	13,481	13,021	37
179	3,094	3,297	732	19,141	25,752	3,808	59,163	60,133	4,618	99,354	98,398	38
47	847	1,608	217	24,669	58,657	127	1,998	4,393	461	3,983	8,366	39
2,152	62,410	79,251	3,507	132,939	186,557	21,275	536,756	623,604	28,813	918,787	1,138,667	40
1,155	2,639	3,118	721	6,226	8,575	13,417	8,035	9,008	42,698	35,590	40,862	41
170	10,516	13,914	372	59,949	76,815	399	17,764	21,569	2,380	81,527	97,343	42
3,813	62,314	73,907	2,777	60,946	75,524	17,100	237,850	289,587	39,581	596,643	713,837	43
431	7,489	12,295	169	17,506	28,018	2,655	56,467	85,487	3,010	49,680	78,320	44
291	8,158	13,284	408	71,053	94,384	2,011	39,591	63,029	2,989	64,193	97,998	45
2,037	40,517	48,603	3,358	87,284	115,620	20,420	300,710	340,440	34,246	680,807	780,833	46
12	358	374	184	5,368	7,410	836	12,032	11,266	57	760	926	47
346	268	433	733	6,534	8,412	32,199	18,050	21,609	18,437	13,145	11,724	48
449	27,064	26,827	394	49,225	53,601	1,223	71,275	73,561	7,384	303,971	318,706	49
2,643	19,388	18,858	792	12,317	15,436	11,299	43,267	45,665	24,870	102,094	112,833	50
728	6,491	9,853	1,141	77,521	123,526	6,431	52,991	82,413	26,562	131,775	209,084	51
127	3,281	6,736	194	26,748	45,873	361	8,906	19,679	1,099	26,743	58,607	52
308	12,393	16,124	599	26,897	35,121	2,375	72,411	98,146	2,366	103,046	131,316	53
1,247	9,169	8,605	1,656	34,014	35,748	10,174	31,155	31,870	23,141	79,695	75,643	54
170	3,690	6,232	301	14,293	29,511	1,696	30,045	51,856	1,810	39,969	67,403	55
933	11,755	10,367	749	12,115	12,202	3,662	26,163	23,691	6,683	49,523	38,273	56
787	13,891	20,035	1,239	41,207	63,523	8,804	149,260	199,060	10,890	213,172	283,617	57
35	2,653	3,982	278	78,493	90,325	169	10,316	13,748	171	9,570	14,605	58

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.
1	The United States[1]	3,341,823	61,147,223	78,600,969	2,134,473	35,477,404	45,738,437	322,412	8,979,824	11,552,469
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	2,081,179	268,350	1,426,964	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	218,828	6,440,781	8,217,191
5	South Central division	436,480	3,672,428	4,830,312	274,991	2,128,216	2,703,463	35,324	502,824	743,674
6	Western division	174,643	6,980,132	10,589,869	119,001	3,671,413	5,895,704	20,847	1,235,496	1,635,369
7	Alabama	41,193	72,732	86,719	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	174,329	3,170	17,728	19,497
11	California	48,619	2,228,450	3,017,237	28,039	906,999	1,328,031	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	477,767	534,643	20,165	360,828	400,043	1,048	27,258	33,849
14	Delaware	7,170	72,563	76,853	3,824	28,200	30,059	193	915	1,193
15	District of Columbia	121	1,208	2,214	67	398	671	4	13	24
16	Florida	10,779	19,074	20,082	8,455	14,047	14,857	716	1,678	1,623
17	Georgia	70,809	120,173	131,952	38,902	75,667	83,333	2,405	5,240	5,693
18	Hawaii	7	18	270	3	8	74	.....	.....	.....
19	Idaho	13,421	497,276	879,957	11,101	377,130	666,755	727	35,525	57,044
20	Illinois	181,023	3,339,489	3,943,791	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	24,990	370,189	440,382
22	Indian Territory	6,822	304,593	372,146	968	63,142	73,556	103	30,985	34,077
23	Iowa	186,992	4,647,419	6,597,522	98,719	2,470,971	3,522,220	25,104	662,308	974,840
24	Kansas	136,020	4,317,859	7,037,634	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	449,073	6,326	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	1,133,757	53,594	1,154,576	1,030,472	744	22,197	22,853
28	Maryland	27,966	368,173	407,852	18,015	218,698	246,720	792	11,563	12,689
29	Massachusetts	34,194	609,215	848,089	27,994	464,560	634,002	1,443	36,524	56,506
30	Michigan	171,043	2,323,328	2,697,447	126,521	1,582,966	1,839,288	13,950	230,338	265,355
31	Minnesota	132,576	3,152,064	4,332,271	95,543	2,099,934	2,911,284	13,484	426,132	564,745
32	Mississippi	26,681	82,613	109,360	19,735	59,591	78,377	1,031	3,676	5,350
33	Missouri	175,120	3,467,464	4,046,582	108,841	2,185,798	2,574,744	21,913	464,000	541,852
34	Montana	10,397	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	39,232	1,151,418	1,518,253	18,320	885,483	985,872
36	Nevada	1,740	290,070	416,694	1,275	167,338	252,741	134	34,422	40,475
37	New Hampshire	28,722	614,891	653,181	25,248	528,764	560,907	565	16,991	19,935
38	New Jersey	27,362	441,520	461,724	17,990	249,116	258,753	761	13,857	17,873
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	6,309,751	141,793	3,122,660	3,828,454	12,513	374,774	456,077
41	North Carolina	107,868	213,828	228,190	66,104	157,036	163,374	7,601	15,835	15,876
42	North Dakota	33,178	1,386,414	1,709,334	23,668	888,091	1,112,611	6,200	325,754	387,314
43	Ohio	219,127	3,006,828	3,620,589	137,899	1,771,926	2,125,837	18,323	281,362	346,558
44	Oklahoma	35,585	682,699	1,117,782	24,684	412,619	674,228	4,809	140,625	241,995
45	Oregon	28,899	723,306	1,107,465	19,666	421,969	677,063	3,562	118,637	162,148
46	Pennsylvania	207,238	3,264,927	3,761,585	140,708	2,017,678	2,314,859	6,641	140,024	163,555
47	Rhode Island	4,697	69,687	75,334	3,434	46,811	49,980	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	2,336,012	19,224	813,024	901,806	14,063	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	273,991	606,706	1,974	46,532	109,847
53	Vermont	32,549	1,006,177	1,329,783	25,547	734,566	974,612	1,355	56,879	74,439
54	Virginia	89,251	584,034	597,850	59,594	405,825	421,301	4,899	36,683	37,719
55	Washington	25,925	482,244	804,615	18,921	309,025	521,702	3,066	85,755	128,795
56	West Virginia	64,388	600,052	589,362	49,006	469,234	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	142,353	191,344
58	Wyoming	4,093	380,272	461,422	2,399	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.

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	831,627	1,059,135	41,437	2,364,093	3,389,254	284,608	4,909,342	6,288,058	517,733	8,584,933	10,573,616	1
6,027	155,063	190,704	11,925	385,460	524,736	57,237	1,132,282	1,285,823	72,192	1,854,681	2,203,953	2
4,263	27,067	25,950	5,359	83,572	92,754	39,711	109,100	112,999	82,136	301,393	298,033	3
22,576	540,979	693,607	15,352	925,620	1,330,197	140,579	2,845,587	3,686,738	266,617	5,214,575	6,422,402	4
7,049	57,683	64,686	4,186	180,554	275,195	34,336	312,817	405,733	80,594	490,329	637,561	5
1,245	50,835	84,188	4,614	788,883	1,166,342	12,743	509,553	796,719	16,193	723,952	1,011,547	6
384	621	768	320	4,675	6,384	5,737	9,114	10,813	7,655	7,665	8,690	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8
6	148	336	155	12,072	31,409	197	9,732	17,398	130	3,756	8,599	9
627	3,506	3,886	264	6,763	8,664	2,565	17,200	21,951	6,065	27,054	30,093	10
246	11,704	16,107	1,685	222,602	329,785	5,964	289,767	429,707	5,801	370,172	403,364	11
123	8,945	17,310	616	116,489	197,081	1,390	62,838	115,133	2,319	136,265	242,461	12
341	8,761	10,421	728	20,316	26,135	2,515	44,152	45,735	623	16,452	18,460	13
23	308	305	95	1,584	2,198	532	7,120	8,355	3,003	34,436	34,743	14
.....	.....	.....	11	383	857	37	407	649	2	7	18	15
104	120	133	217	1,676	1,902	809	1,005	1,051	478	548	516	16
537	1,364	1,330	792	6,513	7,125	11,227	13,846	15,462	16,946	17,543	19,009	17
.....	.....	.....	1	4	30	2	3	46	1	3	120	18
135	5,564	10,209	271	34,157	62,902	281	10,780	19,273	906	34,120	63,774	19
2,013	43,507	51,951	1,431	56,069	73,975	24,848	448,583	538,958	37,637	643,010	752,905	20
3,226	55,215	64,770	1,726	62,331	76,331	8,122	120,162	142,216	34,878	581,922	623,152	21
23	2,168	2,312	33	13,589	14,995	1,751	81,878	101,863	3,884	112,831	145,343	22
1,991	61,978	87,606	1,257	78,853	120,931	34,854	756,936	1,042,583	25,067	616,373	849,342	23
2,808	85,427	137,440	1,810	150,135	306,902	12,593	398,492	580,557	28,964	686,750	915,365	24
2,025	17,803	16,480	705	15,139	16,184	5,024	46,413	47,022	11,663	67,338	63,479	25
87	398	621	465	27,137	53,219	1,105	7,574	11,974	1,181	4,367	6,783	26
563	15,891	16,525	804	24,309	22,546	1,956	36,819	28,319	726	16,259	13,042	27
122	1,674	1,881	721	16,612	18,350	2,134	24,080	26,156	6,182	95,546	102,056	28
333	8,157	12,442	1,383	47,143	79,264	2,635	43,085	52,021	406	9,746	13,854	29
2,141	36,173	41,349	1,868	60,943	83,774	7,379	103,716	120,924	19,184	309,192	346,757	30
693	18,593	26,134	917	54,684	75,535	3,931	94,845	136,595	18,007	457,876	617,978	31
201	313	350	359	7,699	11,495	2,540	7,374	9,233	2,815	3,960	4,555	32
4,057	95,482	108,214	1,254	68,625	87,273	14,611	260,327	300,405	24,444	393,232	434,094	33
59	4,275	6,055	384	122,678	139,753	453	32,824	40,919	458	27,823	35,148	34
942	30,965	41,640	831	183,175	236,590	6,834	187,593	242,017	18,457	380,956	472,616	35
14	1,680	2,555	110	65,712	86,771	128	13,029	22,093	79	7,889	12,059	36
105	3,508	3,684	679	23,091	27,570	1,598	29,056	28,064	532	13,481	13,021	37
179	3,094	3,297	716	18,713	25,278	3,773	58,897	59,905	4,543	97,843	96,618	38
45	845	1,605	217	24,669	58,657	127	1,998	4,393	460	3,975	8,354	39
2,150	62,389	79,239	3,497	132,759	186,380	21,232	536,059	622,795	28,748	917,076	1,136,806	40
1,100	2,623	3,098	648	5,848	8,027	6,187	5,667	6,595	26,228	26,819	31,220	41
169	10,476	13,844	372	59,949	76,815	396	17,721	21,508	2,373	84,423	97,242	42
3,803	62,230	73,828	2,758	60,661	75,129	16,988	236,748	288,384	39,856	593,901	710,853	43
419	7,306	11,944	166	17,450	27,923	2,593	55,899	84,638	2,914	48,800	77,054	44
288	8,115	13,181	404	70,981	94,295	1,998	39,550	62,940	2,981	64,054	97,838	45
2,036	40,512	48,598	3,336	86,873	115,035	20,326	299,822	339,628	34,191	680,018	779,910	46
12	358	374	183	5,359	7,407	828	11,996	11,235	57	760	926	47
287	203	363	633	5,919	7,752	8,989	3,120	2,888	6,740	5,820	5,142	48
448	27,054	26,820	389	48,988	53,419	1,222	71,271	73,555	7,378	303,873	318,607	49
2,579	19,159	18,624	752	11,778	14,819	7,378	35,853	38,031	21,322	92,779	103,022	50
704	6,409	9,701	1,122	76,324	121,512	5,643	51,512	80,208	23,095	125,535	198,542	51
127	3,281	6,786	194	26,748	45,873	360	8,876	19,649	1,096	26,691	58,402	52
308	12,393	16,124	599	26,897	35,121	2,374	72,396	98,121	2,366	103,046	131,316	53
1,157	9,020	8,473	1,501	33,045	34,477	6,167	27,844	28,334	15,933	71,617	67,546	54
167	3,625	6,162	300	14,282	29,491	1,676	29,843	51,466	1,795	39,714	66,999	55
933	11,755	10,367	741	11,992	12,066	3,629	26,011	23,509	6,624	49,057	37,788	56
785	13,879	20,011	1,239	41,207	63,523	8,801	149,243	199,041	10,877	213,067	283,491	57
35	2,653	3,932	278	78,493	90,325	169	10,316	13,748	168	9,493	14,489	58

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	543,943	650,977	64,729	316,935	381,459	14,366	43,713	50,462
2	North Atlantic division	1,574	19,089	20,514	1,002	10,137	10,865	101	1,427	1,437
3	South Atlantic division	149,062	105,189	112,936	34,639	29,090	30,273	8,916	7,338	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	253,013	20,342	124,752	148,094	4,110	14,132	15,796
6	Western division	3,386	70,991	97,137	2,696	53,718	72,520	259	8,318	9,482
7	Alabama	27,468	12,621	13,342	3,144	1,890	2,407	977	1,189	1,170
8	Alaska	.....	.....	.....	.....	.....	.....	.....	.....	.....
9	Arizona	162	984	1,824	159	967	1,795	.....	.....	.....
10	Arkansas	5,678	10,710	13,196	2,142	3,961	4,554	426	728	864
11	California	783	11,151	18,029	433	4,147	5,991	36	772	877
12	Colorado	50	1,147	1,912	36	774	1,285	4	160	313
13	Connecticut	83	788	693	58	477	445	2	17	31
14	Delaware	547	2,237	2,450	190	498	587	24	39	32
15	District of Columbia	4	20	27	1	9	9	.....	.....	.....
16	Florida	4,807	2,920	2,299	2,174	1,525	1,053	457	338	267
17	Georgia	36,839	17,139	18,272	4,235	2,325	2,473	948	582	694
18	Hawaii	1	1	1	.....	.....	.....	.....	.....	.....
19	Idaho	377	16,380	19,168	349	14,696	17,243	10	765	958
20	Illinois	511	4,421	4,772	234	1,709	1,973	84	677	739
21	Indiana	530	4,292	5,198	209	1,419	1,612	103	711	850
22	Indian Territory	1,964	95,800	108,463	1,700	83,491	93,937	44	4,692	5,325
23	Iowa	130	1,959	2,647	50	571	791	24	338	427
24	Kansas	1,063	19,483	29,037	448	6,974	9,889	250	5,416	8,326
25	Kentucky	2,239	12,492	11,535	1,018	4,062	3,609	269	1,672	1,477
26	Louisiana	4,965	6,646	11,599	1,404	2,036	3,655	225	635	873
27	Maine	26	203	175	23	181	163	1	4	3
28	Maryland	2,013	6,675	7,345	948	2,063	2,275	180	567	576
29	Massachusetts	84	808	861	67	574	619	1	10	3
30	Michigan	649	5,170	5,767	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	16,331	16,648	19,972	4,187	5,337	5,742	775	951	1,051
33	Missouri	1,773	14,042	15,617	830	5,477	6,381	284	1,937	2,032
34	Montana	259	12,521	14,485	249	11,686	13,674	4	446	346
35	Nebraska	233	4,062	5,392	201	3,463	4,592	8	214	235
36	Nevada	138	2,064	3,118	135	1,876	2,600	.....	.....	.....
37	New Hampshire	9	151	84	6	118	56	1	6	6
38	New Jersey	278	3,090	3,413	182	632	661	20	253	270
39	New Mexico	245	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	33,664	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	962	8,433	9,133	471	3,072	3,184	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	9,935	158	2,202	2,799	188	6,020	6,695
46	Pennsylvania	468	4,514	5,249	283	2,318	2,820	13	103	104
47	Rhode Island	24	89	76	15	49	42	.....	.....	.....
48	South Carolina	44,145	29,217	32,062	7,002	4,921	4,702	2,077	1,361	1,327
49	South Dakota	1,441	43,837	42,380	1,417	42,537	41,224	11	951	862
50	Tennessee	11,167	26,884	27,406	2,880	7,231	7,172	714	2,156	1,938
51	Texas	7,910	16,924	27,986	2,985	6,589	11,048	627	1,337	2,025
52	Utah	137	1,924	3,689	128	1,817	3,456	5	25	58
53	Vermont	8	198	239	6	167	198	1	16	16
54	Virginia	26,659	28,928	30,129	12,759	13,812	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	43	413	551	2	7	12

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

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.	
702	3,771	4,533	913	13,802	17,628	85,696	71,843	87,106	75,531	93,879	109,789	1
4	27	18	60	1,258	1,461	204	2,094	2,069	203	4,146	4,664	2
310	347	320	530	3,324	3,991	52,604	29,162	33,955	52,063	35,928	36,656	3
92	1,400	1,896	85	3,019	3,443	578	5,682	6,951	1,299	15,497	19,373	4
274	1,137	1,417	216	5,579	7,847	32,035	30,199	35,040	21,853	35,540	44,819	5
22	860	882	22	622	886	274	4,705	9,090	113	2,768	4,277	6
46	40	62	29	147	193	16,687	7,182	7,185	6,585	2,173	2,345	7
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	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	10
1	3	2	15	532	765	226	3,791	7,435	72	1,906	2,959	11
.....	.....	.....	.....	.....	.....	2	22	64	8	191	300	12
1	1	1	6	151	116	12	84	58	4	58	42	13
.....	.....	.....	11	140	173	36	250	270	286	1,310	1,388	14
.....	.....	.....	.....	.....	.....	3	11	18	.....	.....	.....	15
70	61	43	26	58	76	1,773	763	696	307	175	164	16
31	50	49	96	340	347	16,149	6,806	7,528	15,380	7,036	7,181	17
.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	18
13	747	704	.....	.....	.....	4	44	107	1	128	156	19
11	91	131	3	45	65	49	567	515	130	1,332	1,349	20
22	306	412	6	104	120	47	400	522	143	1,352	1,682	21
14	325	463	20	2,486	3,321	19	546	560	167	4,260	4,857	22
.....	.....	.....	3	215	310	34	357	471	19	478	648	23
13	486	859	9	685	887	99	1,488	2,156	244	4,434	6,920	24
28	139	100	24	413	370	138	1,048	1,068	762	5,158	4,911	25
9	21	35	30	252	559	1,556	1,658	2,906	1,741	2,044	3,571	26
.....	.....	.....	1	8	5	1	10	4	.....	.....	.....	27
5	6	6	61	701	780	163	571	591	656	2,767	3,117	28
.....	.....	.....	4	76	101	8	71	80	4	77	58	29
4	9	9	3	68	83	23	229	282	90	818	818	30
.....	.....	.....	3	80	67	2	40	64	6	118	168	31
47	42	43	31	207	342	7,088	6,691	8,089	4,203	3,420	4,705	32
28	362	305	32	1,276	1,288	201	1,404	1,597	398	3,586	4,014	33
.....	.....	.....	.....	.....	.....	5	383	455	1	6	10	34
.....	.....	.....	2	24	46	4	31	55	18	330	464	35
.....	.....	.....	1	2	3	1	180	500	1	6	15	36
.....	.....	.....	.....	.....	.....	2	27	22	.....	.....	.....	37
.....	.....	.....	16	428	474	35	266	228	75	1,511	1,780	38
2	2	3	.....	.....	.....	.....	.....	.....	1	8	12	39
2	21	12	10	180	177	43	697	809	65	1,711	1,861	40
55	16	20	73	378	548	7,230	2,368	2,413	16,470	8,771	9,642	41
1	40	70	.....	.....	.....	3	43	61	7	104	101	42
10	84	79	19	285	395	112	1,102	1,203	225	2,742	2,984	43
12	183	261	3	56	95	62	568	849	96	880	1,266	44
3	43	103	4	72	89	13	41	89	8	139	160	45
1	5	5	22	411	585	94	888	812	55	789	923	46
.....	.....	.....	1	4	3	8	36	31	.....	.....	.....	47
59	65	70	100	615	660	23,210	14,930	18,721	11,697	7,325	6,582	48
1	10	7	5	237	182	1	4	6	6	98	99	49
64	229	234	40	539	617	3,921	7,414	7,634	3,548	9,315	9,811	50
24	82	152	19	1,197	2,014	788	1,479	2,205	3,467	6,240	10,542	51
.....	.....	.....	.....	.....	.....	1	30	30	3	52	145	52
.....	.....	.....	.....	.....	.....	1	15	25	.....	.....	.....	53
90	149	132	155	969	1,271	4,007	3,811	3,536	7,208	8,078	8,097	54
3	65	70	1	11	20	20	202	390	15	255	404	55
.....	.....	.....	8	123	136	33	152	182	59	466	485	56
2	12	24	.....	.....	.....	3	17	19	13	105	126	57
.....	.....	.....	.....	.....	.....	.....	.....	.....	3	77	116	58

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.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.
1	The United States[1]	3,583,760	61,691,166	79,251,946	6,664	14,989	18,847	76,266	167,825	239,345	146,867	473,687	645,455
2	North Atlantic division	630,076	12,919,041	15,128,811	2,533	3,714	4,877	29,207	79,946	98,033	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	34,597
4	North Central division	1,689,291	35,676,042	46,158,805	1,485	2,632	3,491	17,008	46,600	67,820	32,756	136,740	189,767
5	South Central division	515,310	3,883,662	5,083,325	641	827	1,038	7,149	11,269	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	17,530	43,991	9,330	53,400	128,922
7	Alabama	68,661	85,353	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	1,333	1,324	68	244	629	179	1,130	2,744
10	Arkansas	43,220	239,426	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	369	927	1,811	6,982	16,947	3,445	22,383	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	13,952
14	Delaware	7,717	74,800	79,303	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	13	14	487	431	485	1,129	1,280	1,249
17	Georgia	107,648	137,312	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	899,125	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	5,344	7,052	3,806	16,333	20,933
21	Indiana	167,672	2,442,414	2,905,608	188	163	224	2,232	5,773	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	4,649,378	6,600,169	90	206	370	1,318	3,780	6,542	2,298	10,858	16,950
24	Kansas	137,083	4,337,342	7,066,671	174	308	520	987	3,941	7,683	1,352	7,284	14,636
25	Kentucky	86,575	683,139	655,066	168	293	287	1,626	2,689	3,037	4,033	10,557	10,996
26	Louisiana	14,635	97,136	168,443	37	60	110	382	497	796	1,189	1,654	2,809
27	Maine	58,413	1,270,254	1,133,932	220	351	382	1,890	7,608	7,439	2,795	19,730	16,814
28	Maryland	29,979	374,848	415,197	66	173	184	1,375	2,259	2,785	2,300	5,891	6,551
29	Massachusetts	34,278	610,023	848,950	228	335	454	2,597	8,373	10,808	3,749	20,891	27,243
30	Michigan	171,692	2,328,498	2,703,214	109	141	198	1,915	4,121	5,544	4,021	14,565	18,223
31	Minnesota	132,851	3,157,690	4,339,328	45	72	102	687	1,962	3,363	1,119	4,753	8,151
32	Mississippi	43,012	99,261	129,332	33	25	37	414	527	698	2,372	2,523	3,275
33	Missouri	176,893	3,481,506	4,062,199	263	410	442	1,128	4,655	4,813	2,695	11,769	13,661
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	2,823,652	3,502,380	38	61	89	308	1,076	2,364	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	28,731	615,042	653,265	238	323	399	1,592	5,785	6,079	1,849	11,724	11,650
38	New Jersey	27,640	444,610	465,137	46	63	122	1,149	2,539	3,371	2,386	8,659	10,568
39	New Mexico	5,454	87,358	195,324	57	95	214	805	1,623	4,459	948	3,075	7,799
40	New York	210,527	5,154,965	6,319,475	746	1,235	1,706	8,771	23,593	31,034	12,645	60,808	75,659
41	North Carolina	141,532	229,998	246,820	286	48	69	3,927	1,470	1,540	9,799	4,339	4,422
42	North Dakota	34,422	1,410,534	1,747,390	17	473	488	177	883	1,756	339	5,453	10,086
43	Ohio	220,089	3,015,261	3,629,722	229	358	464	4,283	9,801	13,373	8,891	31,424	40,116
44	Oklahoma	36,693	695,313	1,137,296	6	8	21	37	100	248	68	375	774
45	Oregon	29,273	731,823	1,117,400	34	48	112	510	1,489	2,869	1,009	4,300	8,158
46	Pennsylvania	207,706	3,269,441	3,766,834	717	844	1,110	10,031	21,432	26,682	15,283	59,657	68,167
47	Rhode Island	4,721	69,776	75,410	41	51	64	317	852	1,032	480	2,293	2,656
48	South Carolina	87,777	106,124	108,886	151	42	56	3,487	652	867	8,174	2,880	2,965
49	South Dakota	44,165	2,287,875	2,378,392	17	32	33	74	431	579	104	909	1,240
50	Tennessee	118,357	645,617	679,450	173	153	191	2,307	3,514	3,645	7,273	14,906	15,448
51	Texas	95,371	938,024	1,466,452	103	137	202	992	2,109	3,959	1,903	7,134	10,503
52	Utah	17,042	388,043	850,962	128	304	781	1,028	3,623	11,627	1,928	13,154	38,061
53	Vermont	32,557	1,006,375	1,329,972	150	226	338	1,276	4,759	6,285	1,620	10,642	13,242
54	Virginia	115,910	612,962	627,979	595	161	202	5,312	4,313	5,531	10,120	7,767	9,126
55	Washington	26,738	497,139	826,897	52	70	140	565	1,478	3,176	1,045	4,466	10,037
56	West Virginia	64,767	601,935	541,084	101	111	115	1,517	1,883	1,817	2,932	5,953	5,611
57	Wisconsin	150,919	2,397,982	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.

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.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	Farms.	Acres.	Tons.	
585,797	3,074,973	3,981,749	907,805	9,301,144	11,528,527	1,050,054	18,186,074	22,931,069	386,727	9,517,603	12,252,668	1
107,797	963,146	1,097,647	186,059	3,031,363	3,406,389	175,958	4,712,229	5,380,215	55,962	2,246,420	2,734,129	2
142,741	173,112	181,566	138,212	366,959	363,806	122,720	572,172	580,586	53,728	369,849	374,612	3
206,047	1,447,816	1,857,750	436,894	5,007,369	6,379,401	554,733	10,494,997	13,345,434	213,811	5,908,281	7,693,358	4
105,272	246,993	289,537	124,114	481,187	554,627	144,258	1,072,481	1,409,430	48,974	463,450	558,485	5
23,936	243,831	555,140	22,523	414,259	824,132	52,384	1,334,191	2,215,374	14,251	529,598	892,034	6
22,894	12,287	14,381	16,857	14,234	16,165	13,739	16,889	18,792	4,912	9,959	11,371	7
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
9,040	25,498	29,713	11,298	49,247	54,365	13,307	68,506	76,511	4,320	34,824	39,449	10
8,111	97,001	202,482	5,964	131,730	245,944	9,957	286,756	417,563	3,873	177,195	244,584	11
1,311	15,466	43,478	1,976	55,305	110,387	6,281	222,440	417,700	1,323	69,368	148,922	12
5,948	54,058	57,759	6,851	113,274	125,572	5,430	145,213	159,260	1,944	76,098	85,553	13
1,145	4,121	4,808	2,181	13,158	14,054	2,419	24,961	25,229	976	17,269	18,552	14
42	319	589	21	260	453	6	209	185	.....	.....	.....	15
5,111	4,973	4,959	3,409	4,145	4,343	3,163	4,003	3,727	1,037	1,886	1,879	16
31,517	17,745	18,545	26,294	25,961	28,184	22,348	32,220	35,896	10,245	18,415	20,693	17
.....	.....	.....	3	7	172	1	4	30	1	5	50	18
1,079	4,514	8,899	1,784	37,302	67,829	7,141	201,179	363,794	1,227	53,333	100,477	19
18,893	145,286	179,828	44,538	519,288	605,539	64,434	1,130,928	1,314,574	30,164	765,190	900,686	20
28,823	193,080	226,325	58,222	614,978	737,318	49,189	809,060	963,216	15,836	395,111	465,076	21
1,293	10,532	13,384	1,687	20,297	26,909	2,182	52,679	64,978	1,103	44,217	52,368	22
11,565	96,629	140,623	37,998	487,773	703,161	71,581	1,463,272	1,999,695	35,784	1,106,523	1,577,739	23
6,339	55,012	105,659	22,202	314,651	502,109	48,315	1,050,427	1,532,340	20,355	621,281	943,425	24
14,623	57,028	53,059	23,587	125,197	116,799	23,778	187,343	173,543	10,209	124,759	119,425	25
4,668	8,086	13,172	3,068	8,893	14,370	2,395	8,589	12,783	893	4,843	8,036	26
9,140	98,746	85,296	18,414	325,283	274,178	17,115	449,464	399,246	5,660	205,974	192,624	27
4,860	23,872	27,541	6,498	58,784	65,066	8,170	125,169	139,292	3,889	79,834	87,244	28
8,304	80,598	105,754	8,565	143,701	186,878	6,564	168,187	226,690	2,488	91,056	132,112	29
45,834	304,851	358,506	63,499	735,091	844,409	41,084	758,595	867,945	10,414	288,781	331,924	30
9,485	72,142	113,628	25,295	295,012	436,267	51,141	1,008,864	1,404,406	21,530	620,028	858,185	31
11,062	11,408	13,863	9,815	12,591	15,931	10,205	20,175	24,145	4,028	12,899	14,958	32
21,891	151,147	181,943	46,862	515,884	609,651	59,827	1,022,920	1,190,311	24,620	687,878	786,592	33
253	3,726	5,347	379	10,997	14,435	4,306	158,825	208,286	764	44,020	57,069	34
1,928	18,538	29,988	8,933	99,459	148,654	32,945	582,348	748,368	13,900	331,180	445,970	35
176	1,903	4,553	182	4,626	10,330	366	15,294	31,103	158	11,265	23,991	36
4,653	46,490	48,412	7,026	116,855	112,892	7,391	185,388	190,469	3,289	112,970	121,563	37
5,870	41,126	44,624	8,123	113,249	110,960	7,511	176,230	175,695	1,784	61,541	65,126	38
1,178	7,180	18,597	566	6,125	14,274	1,045	14,523	29,607	192	4,568	9,207	39
32,076	300,270	354,865	62,215	1,116,526	1,328,002	63,217	1,984,168	2,362,875	21,177	1,013,244	1,282,323	40
35,264	25,186	25,452	36,399	41,541	47,210	31,550	65,660	68,738	12,747	36,884	39,245	41
394	7,038	12,589	437	9,237	13,769	11,375	313,670	398,369	2,101	63,428	76,531	42
39,718	248,651	299,278	80,422	860,468	1,019,522	61,591	1,112,358	1,341,253	17,187	446,140	541,429	43
581	4,981	8,282	2,329	28,162	40,788	26,202	411,620	653,202	2,799	53,848	89,263	44
3,015	20,637	39,568	3,881	38,656	72,705	8,964	138,903	219,489	3,186	62,312	106,761	45
37,330	294,220	350,837	67,200	959,424	1,091,793	57,598	1,277,375	1,436,027	13,778	422,313	513,760	46
1,059	9,573	10,503	1,203	16,491	17,492	1,019	19,439	21,429	351	9,353	9,507	47
30,074	10,110	15,965	19,424	23,077	18,705	13,996	23,711	28,100	5,586	12,307	12,158	48
498	7,156	9,441	1,269	22,240	28,251	12,549	385,342	415,695	4,617	145,909	169,743	49
26,307	74,315	74,999	33,925	143,222	144,390	28,519	175,788	184,615	11,047	99,571	104,923	50
14,804	42,858	68,684	21,548	79,344	124,910	23,931	130,892	200,861	9,663	78,530	118,692	51
4,893	61,290	165,463	3,525	70,506	173,499	2,905	77,072	163,658	1,136	40,801	81,800	52
3,417	38,065	44,597	6,462	126,560	158,622	10,113	306,765	408,524	5,491	243,871	331,561	53
23,270	44,017	46,414	25,012	79,854	78,505	24,262	124,159	125,858	12,635	106,147	107,806	54
3,331	24,264	50,703	3,687	44,400	86,058	9,228	142,763	243,514	2,019	47,842	87,756	55
11,458	42,769	37,293	18,974	120,179	107,286	16,806	172,080	153,561	6,613	97,107	87,035	56
20,679	148,286	199,942	47,217	533,288	730,751	50,702	857,218	1,169,262	17,363	436,832	596,058	57
44	848	1,276	128	3,034	4,837	1,313	46,255	66,207	259	12,827	19,147	58

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.
The United States[1]	306,586	11,193,415	14,745,007	81,377	4,857,437	6,406,369	35,617	4,904,019	6,502,910
North Atlantic division	24,433	1,304,626	1,673,477	3,889	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	13,713	359,841	493,149	9,930	613,299	933,040
Western division	26,632	1,342,802	1,986,538	13,012	1,039,342	1,426,122	10,037	2,068,975	2,606,025
Alabama	3,855	12,131	13,948	1,223	7,337	8,692	420	9,319	13,091
Alaska	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona	203	13,671	33,566	82	11,041	19,707	49	10,427	14,153
Arkansas	2,522	32,103	36,917	586	14,224	15,624	190	10,487	13,413
California	7,251	405,426	518,248	4,769	383,086	467,972	4,045	728,673	869,412
Colorado	3,108	201,543	369,114	1,211	134,576	218,654	1,056	249,973	325,987
Connecticut	958	53,146	63,327	184	15,188	19,172	26	3,340	5,086
Delaware	433	11,017	11,201	68	2,841	3,215	5	649	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	83,835	159	48,349	76,109
Illinois	15,835	608,955	728,650	1,761	126,074	154,792	216	26,371	36,385
Indiana	7,434	284,565	337,233	1,034	73,405	88,467	170	47,525	56,901
Indian Territory	1,218	83,428	100,260	620	75,230	90,962	445	112,817	130,075
Iowa	23,470	1,130,896	1,646,340	2,697	269,205	393,329	321	80,236	115,420
Kansas	25,788	1,119,511	1,839,609	8,316	607,188	1,083,584	3,255	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	9,231	15,481	532	13,474	22,860	540	41,809	73,026
Maine	2,559	120,231	116,733	506	32,056	29,797	114	10,811	11,423
Maryland	2,348	59,539	65,045	412	15,264	16,907	66	4,063	4,582
Massachusetts	1,397	67,426	109,288	314	23,484	38,546	72	5,972	11,177
Michigan	4,202	168,548	202,783	484	36,656	48,242	130	17,149	25,440
Minnesota	20,457	875,490	1,169,501	2,763	217,104	271,377	329	62,263	74,348
Mississippi	3,490	16,959	21,672	1,161	12,388	17,803	432	9,771	16,950
Missouri	16,151	723,595	845,765	2,946	265,797	317,411	510	97,451	111,610
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	429,549	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	2,029	91,951	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	33,922	77,541
New York	8,353	534,692	720,525	1,087	95,335	126,203	240	25,094	36,283
North Carolina	8,489	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	294,175	363,306	1,246	185,599	227,455
Ohio	6,785	248,347	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	168,691	250,653	2,225	114,598	166,508	1,169	182,189	250,577
Pennsylvania	4,927	183,842	223,733	631	29,660	40,525	211	10,674	14,250
Rhode Island	192	7,602	8,315	45	2,485	2,462	14	1,637	1,950
South Carolina	4,515	14,978	13,222	1,669	9,485	8,330	701	8,882	8,518
South Dakota	16,472	801,740	844,359	6,651	581,331	574,615	1,914	342,785	334,436
Tennessee	6,891	91,224	100,090	1,522	30,182	35,685	393	12,742	15,464
Texas	9,774	124,546	186,126	5,858	129,856	196,967	6,795	342,618	555,548
Utah	962	50,092	95,407	337	29,156	50,676	200	42,045	69,990
Vermont	3,398	215,819	284,696	525	47,551	64,806	105	12,117	17,301
Virginia	10,384	134,709	137,873	3,394	70,303	72,999	926	41,532	43,665
Washington	4,265	117,623	175,764	1,755	62,176	90,468	791	52,057	79,281
West Virginia	4,459	92,097	84,083	1,386	43,431	40,145	521	26,325	24,138
Wisconsin	8,617	330,500	450,664	913	61,499	84,394	122	13,575	19,625
Wyoming	916	59,272	74,260	622	56,734	72,808	827	201,650	223,322

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

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
The State	3,814	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	130			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	791	520	760	305	319	1,472
Chilton	26	30	4	8			4	2	72	53	59	40	8	26	582
Choctaw	1	1							229	173	63	38	26	15	165
Clarke	38	18	6	4			10	10	149	132	4	3	236	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	54					58	58	150	109	62	40	959
Colbert	30	40	228	231			30	41	286	315	1,178	841	294	517	484
Conecuh			4	7					62	52	70	64	198	164	172
Coosa	35	46	14	22					342	301	14	7	55	72	1,145
Covington									70	51	17	7			207
Crenshaw	49	30	1	2					5	5	14	21	78	55	361
Cullman	382	377	181	174	2	3	1	1	659	452	196	291	560	216	1,571
Dale			1	1					78	80	46	39	121	67	1,329
Dallas	33	43	54	64			18	16	4,111	4,011	224	237	292	249	2,913
Dekalb	154	128	81	146			74	71	430	411	656	653	681	553	2,190
Elmore	30	21	139	205			1	1	1,351	1,456	254	173	87	51	1,104
Escambia			2	4			11	23	485	504	108	69	54	48	225
Etowah	20	23	97	168			4	3	266	305	25	28	196	462	376
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	30	23			18	21	1,922	1,953	82	172	210	408	1,790
Henry	6	4							220	289	15	11	60	62	1,121
Jackson	277	245	571	717	9	11	307	297	912	809	1,188	1,226	385	514	164
Jefferson	14	17	167	287	6	6	2	2	565	711	326	445	481	711	634
Lamar	9	11	22	23					203	155	13	12	77	340	702
Lauderdale	25	23	825	842			77	92	531	510	979	949	267	425	325
Lawrence	452	457	178	264	6	14	10	10	561	784	389	558	343	535	650
Lee	58	147	163	305					488	384	105	166	176	423	1,796
Limestone	28	26	140	146			35	80	164	216	116	104	356	470	1,686
Lowndes	40	42	8	24					202	262	12	9	51	33	1,320
Macon	17	17	2	3					126	143	25	22	55	132	1,664
Madison	76	87	2,799	3,326	15	11	130	139	1,023	1,056	1,798	2,064	1,988	1,950	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	85	47	146	102	206	77	1,183
Marshall	5	6	256	305			24	21	188	197	206	275	140	185	1,338
Mobile	19	20	46	72			204	161	2,266	2,812	158	156	347	579	358
Monroe	80	50	7	10			12	10	441	463	16	18	46	54	335
Montgomery	52	52	22	30	16	23	6	6	5,014	6,893	754	1,657	277	657	1,307
Morgan	378	367	500	573	11	14	36	35	1,101	1,115	717	744	1,336	1,169	1,135
Perry			2	3	2	3			1,496	1,884	211	401	144	282	2,900
Pickens	13	14	86	95	17	27	13	18	309	280	60	58	73	104	1,099
Pike			7	13					14	13	166	63	3	9	1,053
Randolph			8	12					49	42	138	129	308	295	1,862
Russell	2	1	2	3					1,205	1,176	1	1	53	234	2,998
St. Clair	23	22	305	413			13	21	451	497	328	304	245	713	409
Shelby			46	49			2	5	1,589	1,863	88	105	195	204	611
Sumter	187	188							595	747	8	12	129	453	986
Talladega			341	516					1,541	1,697	681	779	679	580	1,348
Tallapoosa	55	57	9	15					265	329	164	228	1,033	1,203	1,874
Tuscaloosa	51	57	2	3			6	7	1,304	1,337	373	424	55	87	1,142
Walker	15	15	123	206	28	33			106	108	53	78	146	596	428
Washington									297	421	125	222	97	99	485
Wilcox	14	12	1	1			15	16	313	360	173	247	339	431	1,761
Winston			3	3					6	6			8	49	220

ALASKA.

The Territory	63	94							15	19					

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.		
													Sown for forage.		Corn stalks
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
The Territory	10,425	9,524	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	32	.....
Cochise	4,409	2,820	.....	.....	2,208	6,828	.....	.....	70	160	1,106	1,095	56	92	.....
Coconino	447	569	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	2,940	.....
Mohave	10	15	.....	.....	588	1,490	.....	.....	.....	.....	50	65	60	100	.....
Navajo	132	125	.....	.....	1,279	2,692	.....	.....	15	30	98	111	35	80	13
Pima	559	534	.....	.....	1,673	4,564	.....	.....	25	13	3,167	4,206	75	121	175
Pinal	492	562	.....	.....	2,412	3,654	.....	.....	100	266	1,568	2,437	61	68	.....
Santa Cruz	326	196	12	50	366	759	.....	.....	157	187	1,051	1,446	338	460	.....
Yavapai	727	718	21	43	3,637	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	.....	.....	.....	.....	.....	.....	.....	.....	361	758	.....	.....	.....
Supai and Walapai[1]	.....	.....	.....	.....	5	8	.....	.....	.....	.....	.....	.....	.....	.....	.....

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	1,137	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	673	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	.....	.....	1,385	1,592	1,333	1,185	1,571	1,538	675	890	636
Bradley	56	69	1	1	.....	.....	.....	.....	24	29	525	272	152	112	334
Calhoun	.....	.....	3	4	.....	.....	6	6	51	66	257	120	8	10	186
Carroll	52	34	90	109	20	24	615	770	2,238	2,596	1,009	1,157	976	893	49
Chicot	71	79	45	75	.....	.....	.....	.....	561	739	266	370	258	389	5
Clark	57	70	30	35	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
Columbia	13	13	16	22	1	1	.....	.....	35	45	35	37	9	10	628
Conway	173	210	178	240	1	1	32	44	572	537	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	13	27	67	74	655	677	667	911	208	310	232
Crittenden	45	55	25	45	.....	.....	.....	.....	41	50	71	83	48	105	5
Cross	2	3	23	37	4	10	29	36	766	921	891	1,084	29	35	.....
Dallas	18	26	12	17	.....	.....	.....	.....	120	119	140	124	137	153	249
Desha	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	553	.....	.....	2	1	696	820	211	243	177	301	137
Franklin	3,830	3,979	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	377	486	73	88	97	131	565
Grant	112	123	7	7	.....	.....	157	125	180	191	214	131	67	78	310
Greene	25	24	69	84	.....	.....	683	771	938	1,192	3,812	4,425	207	207	.....
Hempstead	74	79	22	36	222	412	79	84	630	763	363	446	176	360	161
Hot Spring	2	2	52	53	.....	.....	.....	.....	530	536	182	195	71	503	682
Howard	.....	.....	3	3	32	43	5	10	370	460	237	435	33	105	246
Independence	95	138	142	183	129	246	222	285	1,004	1,393	856	958	35	41	333
Izard	16	16	225	342	12	25	65	74	654	712	1,386	1,664	147	188	121
Jackson	.....	.....	21	25	36	39	217	258	1,926	2,654	1,793	2,351	86	163	70
Jefferson	45	37	22	27	2	2	48	75	259	367	657	953	411	672	200
Johnson	1,356	887	80	89	5	10	37	33	325	356	742	954	168	238	234
Lafayette	113	118	.....	.....	1	1	31	35	11	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	131
Lee	32	16	29	36	.....	.....	7	7	692	789	2,090	2,633	12	26	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	138	38	47	16	33	119
Logan	409	456	159	249	7	11	31	61	554	776	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	538	442	572	60	131	.....
Miller	1	1	44	73	.....	.....	.....	.....	319	323	74	132	285	569	626
Mississippi	1	1	168	214	329	986	119	197	519	950	76	93	143	302	80
Monroe	653	534	5	5	.....	.....	9	18	459	574	544	703	36	72	.....
Montgomery	47	51	48	56	5	8	132	140	568	474	327	310	140	154	732
Nevada	179	255	28	66	.....	.....	3	6	408	449	2	1	30	33	709
Newton	.....	.....	23	43	.....	.....	94	127	26	33	54	72	102	229	62
Ouachita	22	30	1	1	3	3	2	2	113	89	281	158	60	51	398
Perry	.....	.....	106	78	.....	.....	.....	.....	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	89	552	748	100	148	152

[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.

ARKANSAS—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.
Poinsett	237	247	49	79	13	18	32	51	838	1,127	700	865	89	167	.....
Polk	56	54	18	26	.....	.....	63	86	309	388	409	692	222	419	109
Pope	281	290	97	161	.....	.....	.....	.....	1,351	1,419	1,993	2,070	192	202	53
Prairie	14,010	13,997	335	534	6	11	.....	.....	522	538	691	726	961	1,292	30
Pulaski	309	347	130	156	27	67	19	20	1,254	1,737	1,003	1,391	444	696	313
Randolph	77	74	306	287	6	7	932	887	1,983	1,857	979	1,107	128	161	29
St. Francis	208	309	75	107	2	8	2	4	675	915	1,236	1,802	68	110	.....
Saline	27	24	37	48	.....	.....	100	139	430	497	167	182	6	8	73
Scott	135	181	55	77	.....	.....	17	16	423	540	172	185	117	222	105
Searcy	.....	.....	24	29	.....	.....	494	475	511	484	64	57	28	72	41
Sebastian	4,219	4,513	355	375	13	21	54	65	896	1,077	473	504	287	405	121
Sevier	.....	.....	2	4	1,015	1,868	88	213	260	518	271	262	14	26	152
Sharp	15	15	508	693	42	60	158	153	959	834	1,624	1,677	238	288	694
Stone	.....	.....	11	24	.....	.....	635	795	40	58	67	74	100	132	.....
Union	27	27	33	42	.....	.....	16	20	28	40	13	13	2	3	292
Van Buren	.....	.....	72	100	2	6	15	20	140	116	210	317	212	199	243
Washington	540	531	199	190	79	84	3,866	4,174	5,552	5,897	5,262	5,864	1,030	1,100	367
White	2	1	79	93	1	1	111	149	1,926	1,939	1,602	2,026	371	652	200
Woodruff	.....	.....	27	46	.....	.....	132	185	264	280	1,594	2,453	352	536	70
Yell	87	109	343	466	2	2	50	51	545	623	217	237	670	878	62

CALIFORNIA.

The State	223,854	176,466	1,741	3,567	298,898	338,730	12,407	22,638	153,646	195,627	1,506,360	1,714,692	42,695	83,546	716
Alameda	4	5	.....	.....	345	2,169	346	626	4,008	5,913	68,305	100,690	2,144	3,483	.....
Alpine	40	30	.....	.....	20	20	45	45	2,727	3,347	60	10	.....	.....	.....
Amador	414	459	.....	.....	1,708	4,822	240	240	873	866	11,857	13,589	943	1,371	.....
Butte	1,441	1,362	96	94	6,534	18,064	87	158	2,237	3,034	28,139	35,634	146	365	270
Calaveras	1,193	992	5	5	1,063	1,887	34	37	672	757	13,622	16,705	222	256	.....
Colusa	868	1,051	.....	.....	1,784	5,575	460	588	111	166	19,751	27,801	55	65	.....
Contra Costa	50	100	.....	.....	269	1,311	.....	.....	316	645	70,090	114,120	1,098	1,640	.....
Del Norte	.....	.....	.....	.....	1	2	58	165	717	1,531	1,912	3,899	5	90	.....
Eldorado	4,322	4,279	6	12	173	300	153	300	910	1,209	10,623	10,569	47	46	.....
Fresno	331	323	101	375	39,414	126,186	.....	.....	140	223	35,887	31,600	1,120	2,245	46
Glenn	1	1	.....	.....	1,382	2,895	100	162	46	48	20,878	27,042	109	180	.....
Humboldt	753	825	12	33	333	1,099	1,842	5,238	5,980	14,723	14,430	30,322	.....	.....	.....
Inyo	1,958	2,729	100	200	11,262	31,772	50	120	1,453	2,626	81	141	12	120	.....
Kern	1,512	1,332	.....	.....	22,703	48,795	17	30	269	420	20,803	20,033	3,287	6,579	.....
Kings	27,207	6,371	.....	.....	24,994	61,979	110	86	5	4	6,742	8,188	2,277	1,269	60
Lake	544	534	6	21	1,855	4,712	.....	.....	4,546	6,436	8,392	9,608	132	249	3
Lassen	36,796	41,006	444	675	7,717	16,620	.....	.....	5,994	7,641	4,815	5,176	36	40	.....
Los Angeles	78	66	.....	.....	23,378	102,121	.....	.....	773	1,069	151,406	101,210	3,236	11,191	66
Madera	287	417	.....	.....	1,860	8,869	13	13	25	40	11,482	9,380	.....	.....	.....
Marin	2	2	.....	.....	.....	.....	.....	.....	205	460	16,594	34,816	1,157	5,398	.....
Mariposa	71	59	5	5	12	27	7	7	375	462	7,701	7,332	183	195	.....
Mendocino	1,214	1,321	128	138	1,059	2,980	149	226	1,319	2,292	20,876	36,330	399	2,414	2
Merced	344	240	.....	.....	13,455	30,543	343	583	4,853	3,710	18,771	16,902	2,525	2,626	.....
Modoc	23,383	28,577	175	300	6,374	13,158	164	337	31,644	35,574	7,434	8,396	6,249	9,472	.....
Mono	7,725	10,662	.....	.....	5,173	11,631	4	10	1,367	1,216	15	20	40	80	.....
Monterey	102	113	.....	.....	1,587	3,914	390	437	345	510	58,325	59,721	816	3,012	.....
Napa	56	63	9	35	506	1,116	7	7	250	314	24,702	39,919	120	455	80
Nevada	2,190	2,178	9	9	304	571	767	1,206	549	793	8,032	8,114	94	67	.....
Orange	43	43	.....	.....	6,800	25,885	20	32	203	233	38,661	29,738	1,743	5,489	59
Placer	688	610	.....	.....	510	1,038	59	84	571	581	18,121	18,186	143	141	.....
Plumas	23,573	17,349	8	8	1,012	1,296	379	933	7,869	9,855	1,200	1,207	.....	.....	.....
Riverside	40	10	15	19	6,467	28,863	175	75	1,896	977	68,096	25,751	270	1,149	5
Sacramento	570	547	160	500	9,653	23,274	398	623	818	1,336	48,185	61,784	661	1,766	.....
San Benito	136	249	.....	.....	1,510	5,012	10	10	13,931	10,929	38,695	38,920	96	221	.....
San Bernardino	10	15	.....	.....	6,347	20,637	11	31	4,065	1,750	18,112	12,074	108	248	4
San Diego	1,340	426	1	2	2,105	6,210	.....	.....	664	437	76,719	41,602	1,219	1,707	.....
San Francisco	1	5	.....	.....	.....	.....	2	4	5	10	540	1,119	.....	.....	.....
San Joaquin	115	135	200	701	6,145	16,918	.....	.....	1,362	3,631	49,624	74,794	236	217	.....
San Luis Obispo	240	333	.....	.....	247	920	.....	.....	1,089	1,630	41,244	47,865	209	347	23
San Mateo	.....	.....	.....	.....	109	670	.....	.....	1,068	1,564	16,813	27,033	80	158	6
Santa Barbara	37	25	.....	.....	761	2,466	.....	.....	136	172	33,438	43,788	1,018	1,578	.....
Santa Clara	2,279	2,664	.....	.....	721	1,914	428	782	1,512	2,786	82,913	123,717	379	981	.....
Santa Cruz	.....	.....	.....	.....	155	418	25	65	3,592	8,124	15,888	29,957	325	1,838	.....
Shasta	8,212	7,904	32	34	3,072	7,422	712	1,254	3,606	4,199	14,744	14,448	502	738	2
Sierra	14,011	9,209	.....	.....	631	672	265	277	3,658	4,314	413	306	30	40	.....
Siskiyou	5,765	7,874	50	75	21,272	44,601	1,068	2,197	20,108	27,268	2,930	3,461	23	24	.....
Solano	38	33	.....	.....	1,676	4,254	5	15	230	411	29,307	47,187	220	334	.....
Sonoma	279	427	.....	.....	1,271	3,326	1,603	2,763	3,296	5,156	56,197	95,510	1,305	4,401	58
Stanislaus	995	871	.....	.....	6,621	16,502	40	80	98	141	30,747	29,266	1,262	1,924	.....
Sutter	339	405	100	180	6,742	17,762	23	26	3,946	4,603	12,089	16,679	90	70	.....
Tehama	1,399	1,766	.....	.....	3,650	4,428	120	174	591	666	24,940	27,351	279	414	.....
Trinity	161	178	.....	.....	1,435	2,662	563	764	2,186	3,045	1,028	1,217	53	65	.....
Tulare	47,675	16,778	25	68	21,901	53,590	5	19	1,150	613	32,983	23,773	5,198	5,633	30
Tuolumne	1,402	1,517	.....	.....	85	248	214	327	449	629	7,310	8,507	505	538	.....
Ventura	80	80	.....	.....	1,814	6,724	.....	.....	13	24	35,388	31,376	134	308	.....
Yolo	329	575	.....	.....	8,394	30,999	671	1,130	2,466	3,905	27,042	39,551	152	317	2
Yuba	813	760	54	78	2,487	6,817	212	329	359	609	19,966	20,082	.....	.....	.....

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

CALIFORNIA—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.
Hupa Valley[1]	14	13			2	4					542	583			
Mission[1]					19	20					137	83			
Round Valley[1]	384	568			10	30	23	23			591	978			
Tule River[1]					9	10					32	32	3	2	

COLORADO.

The State	335,748	309,599	8,323	9,370	455,237	1,107,471	2,582	5,410	80,566	113,292	46,530	55,277	23,228	42,928	3,974
Arapahoe	18,218	15,022	1,263	1,262	28,628	96,532	790	1,792	2,604	4,087	1,426	2,011	3,326	3,643	651
Archuleta	1,994	2,201			1,692	4,358			1,028	1,595	818	1,245	4	12	
Baca	3,384	4,115	6	5	56	123					110	300	53	41	
Bent	2,545	2,564	360	915	20,465	46,633					70	65	456	1,266	20
Boulder	6,800	7,452	7	13	20,663	52,025	226	352	1,590	2,404	778	989	135	256	149
Chaffee	1,633	1,657			4,264	9,082	43	77	268	392	123	179	182	224	
Cheyenne	744	402	232	159	188	126			1	2	175	83	31	25	5
Clear Creek	94	84	20	30					233	270	105	190	32	71	
Conejos	19,327	17,392	20	30	2,277	4,505			1,600	800	542	761	709	696	6
Costilla	10,498	8,242	20	40	1,953	3,462			125	111	119	99	40	35	
Custer	6,533	5,881	6	6	915	1,591	42	85	1,737	2,041	1,308	1,446	8	15	
Delta	33	60	5	8	15,887	51,337	39	86	308	453	171	242	5	25	20
Dolores	136	163	45	43	248	427			296	431	76	86			
Douglas	5,353	5,058	283	217	2,922	6,835	15	50	863	1,069	2,408	1,713	2,081	2,247	20
Eagle	395	436			5,642	15,892	150	287	4,251	7,140	735	1,227	252	336	
Elbert	15,166	12,499	718	620	507	780	40	40	532	604	853	587	2,023	2,723	1,034
El Paso	3,309	2,195	1,718	1,890	4,074	8,576	20	8	3,030	2,892	7,816	6,156	5,348	14,636	
Fremont	1,246	1,331	20	23	5,676	15,749	95	336	787	1,079	566	954	441	565	36
Garfield	971	1,454	12	30	12,466	40,159	11	27	678	1,856	68	98	36	177	
Gilpin	152	251									1,151	1,658			
Grand	9,168	8,735			2,049	2,232			3,427	4,993	118	141			
Gunnison	16,235	20,494	10	15	203	681	3	7	3,185	4,014	136	262	33	47	
Hinsdale	105	103							661	358	320	334			
Huerfano	1,325	1,523	55	235	7,967	14,268	14	20	846	1,315	274	322	537	1,029	272
Jefferson	1,688	1,486	64	74	14,345	33,493	641	1,355	1,957	3,052	3,269	3,515	1,033	1,495	33
Kiowa	397	326	10	10	60	180			45	90	1,248	2,069	258	266	208
Kit Carson	4,728	4,519	212	154	177	392			1	2	230	188	316	405	50
Lake	4,620	3,279			307	710			1,351	1,285	66	81			
La Plata	651	695			2,729	5,631	9	12	213	415	283	383	30	40	
Larimer	43,392	48,540	30	37	80,147	100,624	45	86	3,922	5,151	1,197	1,551	804	698	86
Las Animas	2,888	2,221	12	26	7,461	14,023	1	2	2,711	2,989	2,408	2,193	270	166	43
Lincoln	4,999	4,340	88	48	303	560			5	5	177	134	20	6	21
Logan	11,950	8,084	176	186	17,703	43,056			3,292	3,329	689	467	195	204	51
Mesa	190	255			12,571	39,857			178	342	107	128	25	130	
Mineral	1,908	1,729			45	50			200	97	60	60			
Montezuma	61	111	40	80	5,357	14,269	21	42	517	839	139	365			
Montrose	367	500	28	34	13,959	39,526	198	339	989	1,946	128	261	108	125	
Morgan	6,660	6,273	131	206	14,231	39,110	12	25			79	88	266	610	15
Otero	1,968	2,121	90	244	31,841	92,652			15	25	169	199	483	3,531	
Ouray	1,359	1,841	2	1	2,450	5,307	21	46	2,068	2,953	371	508	48	130	
Park	29,545	23,143			131	380			511	517	1,571	1,838	1	2	
Phillips	2,984	2,849	774	703					60	61	256	110	674	688	750
Pitkin	298	542			3,647	10,157	11	30	3,620	6,411	606	993	5	10	
Prowers	5,350	4,867	31	50	20,839	47,372	8	20	65	120	15	5	1,212	3,231	
Pueblo	2,937	3,473	411	328	14,444	40,021	4	6	1,166	1,746	525	531	134	308	110
Rio Blanco	5,428	8,809	20	28	6,456	20,641	30	60	2,138	4,660	715	1,603	35	75	120
Rio Grande	6,546	5,278			2,258	3,853	26	51	3,395	4,754	547	702	189	240	
Routt	8,590	9,586			5,361	14,910	19	49	19,611	32,864	1,133	2,598			
Saguache	26,908	20,313	20	50	2,570	4,456			314	308	617	751	10	15	
San Juan									2	4					
San Miguel	204	191			1,516	3,609	8	10	752	970	3,007	4,958			15
Sedgwick	2,579	2,339	230	260	991	3,148					26	19	39	43	
Summit	23	27							52	65	3,053	3,935			
Teller	862	1,011			286	711			38	45	1,559	1,205			36
Washington	9,914	4,092	299	259	1,051	2,855					576	391	394	342	183
Weld	17,868	15,594	285	421	52,672	148,866	40	110	328	341	1,193	2,092	303	546	40
Yuma	2,527	1,851	561	540	485	1,270					245	218	644	1,493	
Southern Ute[1]					102	409									

CONNECTICUT.

The State	12,709	13,307	1,146	1,851	153	204	1,031	1,299	439,082	441,019	10,989	19,375	13,445	58,281	7,856
Fairfield	1,460	1,511	60	98			264	297	66,692	64,755	953	1,439	1,053	3,134	59
Hartford	334	369	127	214			111	156	66,550	80,505	1,661	3,413	1,983	10,270	1,231
Litchfield	1,713	1,775	183	260			162	216	97,299	93,414	1,400	2,450	3,187	11,229	2,450
Middlesex	1,370	1,641	43	73			9	10	26,704	28,893	306	730	470	4,034	65
New Haven	3,135	3,774	191	322	17	28	179	208	49,375	50,346	1,246	2,154	1,962	9,773	802
New London	1,509	1,428	250	376	25	12	188	262	53,867	47,111	1,965	2,990	2,121	7,318	794
Tolland	387	359	88	154	111	164			31,969	32,534	1,107	2,339	1,247	6,390	500
Windham	2,801	2,450	204	354			118	150	46,626	43,461	2,351	3,860	1,422	6,133	1,955

[1] Indian reservation.

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

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.
DELAWARE.															
The State	5,660	8,692	624	913	173	211	26,508	24,346	36,196	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	8,194	8,029	1,141	1,528	1,381	1,594	9,664
Newcastle	292	359	210	344	56	62	8,305	7,680	24,176	26,389	144	238	619	1,077	6,053
Sussex	2,321	3,360	195	297	51	63	6,785	5,882	3,826	3,428	1,286	1,926	1,068	932	33,173
DISTRICT OF COLUMBIA.															
The District	.....	.....	10	25	.....	.....	27	50	969	1,625	181	392	41	149	.....
FLORIDA.															
The State	1,435	1,655	58	106	.....	.....	111	109	13,951	13,625	3,996	4,158	2,443	2,728	14,806
Alachua	41	42	7	8	.....	.....	11	11	1,480	1,494	158	164	195	178	1,465
Baker	.....	.....	.....	.....	.....	.....	.....	.....	4	4	5	5	1	1	241
Bradford	.....	.....	.....	.....	.....	.....	.....	.....	152	161	.....	.....	9	5	730
Brevard	.....	.....	.....	.....	.....	.....	.....	.....	97	91	1	1	.....	.....	1
Calhoun	.....	.....	.....	.....	.....	.....	.....	.....	40	77	16	16	5	5	57
Citrus	.....	.....	1	1	.....	.....	.....	.....	44	44	106	94	31	26	29
Clay	.....	.....	.....	.....	.....	.....	.....	.....	76	78	37	40	33	34	271
Columbia	6	15	.....	.....	.....	.....	.....	.....	328	371	42	55	2	2	1,025
Dade	193	211	8	17	.....	.....	1	1	37	47	38	51	38	52	.....
De Soto	7	9	.....	.....	.....	.....	3	3	747	763	.....	.....	10	10	3
Duval	.....	.....	.....	.....	.....	.....	.....	.....	475	438	27	97	33	84	339
Escambia	.....	.....	.....	.....	.....	.....	7	6	230	273	33	43	345	335	408
Franklin	.....	.....	.....	.....	.....	.....	.....	.....	42	30	5	5	1	2	.....
Gadsden	360	410	14	39	.....	.....	2	2	431	452	311	359	273	263	186
Hamilton	.....	.....	.....	.....	.....	.....	.....	.....	85	51	.....	.....	21	24	390
Hernando	2	5	.....	.....	.....	.....	.....	.....	28	26	1	1	7	11	146
Hillsboro	34	44	4	5	.....	.....	.....	.....	1,457	1,431	28	34	13	22	16
Holmes	.....	.....	.....	.....	.....	.....	.....	.....	151	84	.....	.....	1	2	867
Jackson	.....	.....	2	4	.....	.....	10	5	119	129	14	17	26	30	1,101
Jefferson	.....	.....	1	3	.....	.....	.....	.....	199	189	111	207	43	103	336
Lafayette	.....	.....	.....	.....	.....	.....	.....	.....	50	64	1	1	3	3	222
Lake	.....	.....	.....	.....	.....	.....	.....	.....	1,611	1,235	442	292	70	60	86
Lee	6	15	.....	.....	.....	.....	.....	.....	43	47	3	3	.....	.....	1
Leon	.....	.....	3	8	.....	.....	.....	.....	1,177	1,491	307	398	170	226	1,252
Levy	28	21	.....	.....	.....	.....	.....	.....	45	54	6	9	11	13	186
Liberty	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	.....	.....	114
Madison	.....	.....	.....	.....	.....	.....	.....	.....	911	654	.....	.....	.....	.....	591
Manatee	18	37	.....	.....	.....	.....	.....	.....	52	71	7	9	8	18	.....
Marion	5	5	.....	.....	.....	.....	.....	.....	451	435	147	129	78	102	2,786
Monroe	.....	.....	.....	.....	.....	.....	.....	.....	2	4	.....	.....	2	2	.....
Nassau	.....	.....	.....	.....	.....	.....	.....	.....	5	5	7	4	5	24	50
Orange	247	255	.....	.....	.....	.....	.....	.....	790	749	85	101	362	342	194
Osceola	14	15	.....	.....	.....	.....	.....	.....	104	119	14	20	5	4	101
Pasco	28	24	1	3	.....	.....	.....	.....	430	412	216	113	52	39	82
Polk	36	38	1	1	.....	.....	50	50	267	275	111	84	163	201	248
Putnam	2	2	12	12	.....	.....	.....	.....	475	412	286	305	95	87	264
St. John	3	2	.....	.....	.....	.....	.....	.....	266	260	2	3	32	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	191
Suwanee	.....	.....	.....	.....	.....	.....	.....	.....	150	143	1,008	985	16	14	415
Taylor	.....	.....	.....	.....	.....	.....	.....	.....	10	10	.....	.....	.....	.....	49
Volusia	72	104	2	3	.....	.....	.....	.....	281	293	357	436	139	190	101
Wakulla	.....	.....	.....	.....	.....	.....	.....	.....	17	23	10	8	.....	.....	122
Walton	47	45	.....	.....	.....	.....	.....	.....	222	185	39	49	11	37	19
Washington	.....	.....	.....	.....	.....	.....	.....	.....	31	26	.....	.....	4	4	94
GEORGIA.															
The State	6,101	5,935	4,506	5,523	37	83	2,112	2,339	62,050	65,978	40,525	42,211	21,981	28,155	136,924
Appling	.....	.....	.....	.....	.....	.....	.....	.....	37	13	51	46	.....	.....	1,905
Baker	.....	.....	.....	.....	.....	.....	1	1	18	20	6	9	19	34	280
Baldwin	60	60	.....	.....	2	7	.....	.....	420	581	537	205	144	129	346
Banks	.....	.....	.....	.....	.....	.....	.....	.....	822	923	495	507	68	99	605
Bartow	100	120	58	85	.....	.....	41	29	1,430	1,647	1,899	2,354	284	354	1,045
Berrien	9	9	7	8	16	23	66	69	351	254	28	20	.....	.....	2,152
Bibb	206	206	13	14	.....	.....	3	11	705	754	69	154	102	189	1,152
Brooks	2	1	.....	.....	.....	.....	50	35	761	648	18	16	209	187	1,323
Bryan	13	8	.....	.....	.....	.....	60	120	7	7	9	9	11	9	524
Bulloch	1	2	6	3	.....	.....	20	30	280	294	401	311	.....	.....	2,059
Burke	7	8	1	1	12	42	.....	.....	242	271	339	174	92	59	4,366
Butts	.....	.....	2	3	.....	.....	1	1	99	137	514	368	87	102	1,539
Calhoun	10	10	5	5	.....	.....	1	1	.....	.....	.....	.....	365	381	357
Camden	.....	.....	.....	.....	.....	.....	.....	.....	86	89	69	85	62	84	306
Campbell	.....	.....	3	3	.....	.....	.....	.....	457	476	102	124	65	69	1,005

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Carroll	26	34	12	13			2	3	301	378	238	459	269	402	2,405
Catoosa	350	340	885	906			129	86	501	595	163	148	211	168	124
Charlton									2	3			4	2	314
Chatham	443	308	30	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	849
Clinch									58	58	20	12	2	2	354
Cobb	14	17	73	129	1	1	3	5	1,987	2,421	1,038	1,881	584	900	1,018
Coffee									86	99			100	120	944
Colquitt			1	2					38	39	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			275	347	171	165	302	309	66	105	38
Dawson	34	66	15	20					348	298	159	273	2	2	1,330
Decatur	7	4	3	5			73	51	266	283	327	148	409	385	1,420
Dekalb	98	123	68	98			10	20	2,666	2,823	600	680	709	1,403	424
Dodge	5	7	1	2					83	64	193	190	113	132	1,352
Dooly			7	12					17	19	95	73	253	199	1,367
Dougherty			44	23			7	7	337	243	14	6	801	638	910
Douglas			4	7					111	244	24	63	50	95	1,145
Early			4	4			5	5	15	15	5	4			490
Echols															144
Effingham			80	100			23	12	26	36	23	47	3	6	645
Elbert	64	91					1	1	1,310	1,406	706	629	176	245	1,106
Emanuel			1	1					22	18	47	55	2	4	1,796
Fannin	61	81	34	56			8	9	1,597	1,786	55	118	110	162	446
Fayette									266	325	17	32			876
Floyd	295	383	426	541			108	165	1,422	1,451	1,298	1,233	356	621	1,913
Forsyth			138	182					798	1,046	611	745	36	22	1,416
Franklin									1,198	1,293	525	591	289	524	997
Fulton	31	53	218	409			76	107	1,019	1,199	365	536	318	898	614
Gilmer	537	560	2	3			12	19	230	259	311	338			1,690
Glascock									8	2					4
Glynn									23	26	4	4	13	50	2
Gordon	418	507	46	70			38	38	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	603	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	33	35					2	2	568	628	448	363	589	868	666
Heard			58	105					18	31	108	132	138	77	1,073
Henry	1	1							422	403	375	371	63	54	1,366
Houston	3	5	17	7					554	441	263	160	137	73	1,759
Irwin	49	36	17	18			1	1	634	772	498	394	170	152	1,228
Jackson	19	23	5	3					1,982	1,797	1,289	1,623	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	66	4	5	28	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	734
Lincoln			1	2					28	31	17	24	115	149	803
Lowndes			420	302					203	224	467	517	217	338	570
Lumpkin	32	37	6	6					430	503	118	109	25	25	601
McDuffie			3	3					256	258	163	130	2	2	605
McIntosh									23	31	25	14			120
Macon			2	1					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	367	352	523	482	1,123
Miller									10	20					194
Milton			2	2					103	115	1,606	1,769			899
Mitchell									98	89	19	12	77	57	865
Monroe	5	8	6	18					366	380	266	286	174	186	1,133
Montgomery							2	5	404	342	166	173			627
Morgan							35	39	1,061	1,130	519	483	1,090	1,814	1,923
Murray	583	461	81	85			118	102	554	551	946	917	321	298	810
Muscogee	233	204	28	34					732	806	132	134	243	236	596
Newton	210	117	23	33					671	709	443	388	187	246	1,580
Oconee	130	156	6	7	1	5			99	61	1,234	790	732	446	966
Oglethorpe			10	15					1,113	1,397	39	64	126	166	1,039

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.		
													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									105	62	858	633			278
Pike	10	10	17	22					188	166	117	158	108	135	1,346
Polk	58	60	76	128			1	3	866	908	406	637	140	164	1,580
Pulaski	5	7	24	13					60	69	862	626	67	49	2,273
Putnam	17	17							653	725	62	40	266	207	938
Quitman							5	15	7	6			1	1	772
Rabun									62	65	33	49	281	607	280
Randolph							6	8	317	350	63	50	220	189	1,755
Richmond			20	45			31	31	1,245	1,943	2,454	2,330	172	188	450
Rockdale	48	49							355	329	141	153	239	159	412
Schley	2	1							781	542	24	26	10	14	94
Screven	1	1	1	1					557	494	136	156			1,742
Spalding			3	5					718	598	79	91	40	112	893
Stewart			3	10					1,036	770	91	107	172	211	1,318
Sumter			19	11			3	2	1,094	848	829	499	172	94	1,474
Talbot	2	1	227	251					529	491	152	151	116	140	221
Taliaferro			2	4					130	114	20	5			447
Tattnall			15	10					155	155	125	102	87	51	1,786
Taylor			10	2					485	279	71	42	12	23	784
Telfair									45	46	32	24	1	1	505
Terrell	1	2	7	6					361	341	16	28	140	154	1,731
Thomas	1	1	22	24					1,182	902	40	46	300	343	1,634
Towns	24	15							20	17	25	25	42	63	835
Troup	147	188	1	1					1,993	2,522	237	368	280	435	806
Twiggs									1	1	16	19			664
Union	64	88	37	58					247	399	302	260	59	31	551
Upson							3	10	94	121	80	68	23	15	1,403
Walker	126	131	372	497			351	404	865	884	430	446	583	802	938
Walton	9	6					291	291	912	966	386	469	142	146	1,356
Ware	13	14			1	1			7	8	71	40	13	9	274
Warren	8	1	25	29			10	3	11	13	31	45			855
Washington									390	407	445	293			3,066
Wayne									80	59	3	3			758
Webster									113	109	79	45			523
White	64	69	2	4			3	5	108	125	391	474	208	212	887
Whitfield	414	353	349	406			157	130	2,040	1,919	1,193	1,310	699	1,065	848
Wilcox			2	3					86	85	27	36	26	21	366
Wilkes	99	65	6	11					682	671	827	752	231	235	1,487
Wilkinson			1	1					58	57	11	11	55	46	798
Worth	120	96	35	25					617	434	6	8	50	48	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	1,559	160,029	425,706	14,786	35,420	99,281	139,354	91,654	125,043	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	26,384	60	110	10,915	25,475	192	558	4,871	8,880	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	59	124	3,644	5,305	262	278	34	52	
Blaine	11,817	10,812			9,804	24,996	28	53	2,564	3,914	1,711	3,229	217	432	
Boise	10,147	8,673	80	80	1,953	3,505	394	774	5,640	7,848	1,615	1,943	24	31	
Canyon	3,675	4,296	107	356	10,166	33,098	2,538	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	3,999	465	686	19	74	
Custer	860	1,013			2,020	3,401	10	17	7,098	8,147	303	318	41	59	
Elmore	3,335	5,190	5	6	2,534	7,094	240	631	1,156	1,552	132	207	20	20	
Fremont	13,117	13,929	46	130	23,017	62,959	328	760	7,587	10,637	2,232	3,079	29	36	
Idaho	649	685	96	200	313	993	1	1	11,602	13,841	15,921	22,022	298	593	
Kootenai	4,404	4,788	11	11	116	59	172	243	8,453	10,198	6,175	6,263	437	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	13,369	121	160	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	22	1,870	2,416	29,124	41,003	445	568	
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	13,934	6	30	4,998	5,625	297	467	203	296	
Shoshone	2,808	3,176					114	202	1,000	1,572	315	356	22	23	
Washington	10,833	12,067	2	2	10,862	37,960	529	905	6,052	7,921	5,546	7,007	176	280	25
Cœur d'Alene [2]	1,134	690					16	16	1,133	1,195	2,540	2,724	738	444	
Fort Hall [2]	1,260	1,989			1,062	2,347			10	20	48	30			
Lemhi [2]							7	8	488	543					

[1] Island.

[2] Indian reservation.

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
The State	198,809	227,528	65,625	111,176	9,290	9,572	362,044	438,887	2,444,268	2,762,546	142,248	182,337	121,626	216,517	307,648
Adams	116	148	328	453	6	10	15,498	18,830	42,761	52,431	1,476	1,573	2,837	4,869	3,679
Alexander	11	11	9	19	99	341	548	861	1,634	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	720	1,135	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	50,839	60,965	571	821	1,515	3,569	767
Calhoun	71	110	7	11	.....	.....	1,142	1,318	2,551	3,203	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	6,886	8,783
Cass	421	523	325	414	.....	.....	1,719	2,438	5,322	7,412	200	224	187	200	5
Champaign	782	1,254	462	867	5	8	5,438	6,909	20,924	26,719	1,458	1,714	285	687	1,057
Christian	82	90	127	196	.....	.....	3,155	3,783	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	3,192	3,289	532	645	449
Clinton	47	42	169	203	.....	.....	4,415	4,786	21,305	19,128	1,097	1,035	962	2,005	531
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	37,894	3,220	5,713	.....	.....	317	321	61,051	66,107	732	1,170	3,801	13,784	12,767
Crawford	120	230	100	145	.....	.....	3,042	3,706	28,964	27,663	477	549	548	648	1,822
Cumberland	10	10	114	97	.....	.....	983	1,475	39,192	38,194	1,701	2,621	1,536	1,567	3,170
Dekalb	3,846	4,337	1,329	2,520	.....	.....	235	343	45,516	52,726	2,795	5,591	3,277	7,548	7,166
Dewitt	58	46	95	156	.....	.....	2,460	3,161	10,511	12,916	340	404	110	158	13
Douglas	30	30	704	1,219	3	4	3,169	4,083	10,782	12,242	429	544	841	444	78
Dupage	7,900	8,186	958	1,909	128	110	856	1,124	22,385	27,477	253	439	2,185	5,005	11,183
Edgar	.....	.....	486	1,527	5	5	7,262	10,157	21,367	27,711	951	1,250	199	369	768
Edwards	14	14	31	48	3	5	3,182	3,313	9,996	11,123	1,396	1,570	78	138	218
Effingham	41	37	75	79	2	1	249	277	40,977	33,970	918	856	786	1,030	3,183
Fayette	143	143	385	410	8	8	1,298	1,375	56,199	48,138	1,478	2,091	1,528	2,482	3,766
Ford	36	40	306	521	.....	.....	3,794	3,567	14,833	15,384	517	551	450	854	3,025
Franklin	571	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	13,156	19,249	31,329	46,835	879	1,411	1,159	1,642	6,870
Gallatin	18	13	666	898	4	8	4,322	5,025	3,246	4,406	502	498	215	458	803
Greene	59	67	172	294	.....	.....	4,701	7,059	15,860	23,767	890	1,012	581	913	3,364
Grundy	7,283	6,682	386	644	.....	.....	715	428	13,144	12,086	198	221	136	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	3,644	3,329	2	6	4,752	6,371	66,346	83,957	1,060	1,422	821	1,179	2,069
Hardin	137	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	1,652	13,966	18,557	404	483	124	345	107
Henry	7,164	9,921	1,618	3,119	7	20	743	931	43,653	52,656	749	1,101	5,034	7,003	1,060
Iroquois	1,869	1,495	909	1,399	52	103	5,092	5,221	39,376	34,300	891	1,110	299	464	592
Jackson	101	101	360	413	.....	.....	4,851	4,650	7,730	8,971	4,545	5,559	1,352	2,136	545
Jasper	14	20	41	39	.....	.....	552	759	44,319	41,070	641	702	560	959	753
Jefferson	17	10	104	116	.....	.....	2,366	2,604	33,897	33,788	5,502	5,911	3,900	2,665	547
Jersey	.....	.....	103	130	10	20	4,750	5,834	7,449	9,675	307	366	94	108	2,433
Jo Daviess	2,344	5,001	499	862	.....	.....	533	637	39,289	47,511	1,385	1,959	3,945	4,768	6,770
Johnson	50	80	11	17	.....	.....	7,360	6,434	3,953	4,777	2,585	2,837	102	153	28
Kane	3,945	4,315	2,518	4,395	.....	.....	318	321	35,251	41,157	582	1,112	7,113	21,595	10,854
Kankakee	13,677	15,448	1,081	1,812	.....	.....	535	655	35,488	31,994	1,067	1,854	1,090	2,876	5,038
Kendall	2,413	2,894	510	880	.....	.....	231	348	20,435	28,972	961	1,705	612	1,890	176
Knox	68	108	728	1,335	.....	.....	4,420	4,939	31,887	39,943	2,956	3,884	407	811	1,104
Lake	19,362	20,651	3,602	6,459	7,845	7,363	412	771	23,705	27,537	635	1,376	3,583	10,322	14,953
Lasalle	3,693	4,071	1,578	2,504	174	275	665	739	57,055	59,925	1,203	1,856	506	1,157	1,222
Lawrence	333	221	149	241	.....	.....	6,461	7,915	14,300	17,089	1,345	1,728	2,486	2,805	3,065
Lee	5,961	6,808	1,079	1,975	.....	.....	156	207	33,401	47,183	1,482	2,608	4,402	6,288	9,054
Livingston	3,156	2,692	1,103	2,021	426	556	2,161	1,908	32,312	29,129	711	939	410	1,015	255
Logan	2	3	91	177	15	18	3,311	4,688	12,208	16,710	283	436	176	518	277
McDonough	1,353	1,682	337	672	.....	.....	6,436	8,991	30,623	43,895	466	648	755	948	12,417
McHenry	14,402	18,416	4,333	8,189	41	61	265	334	34,932	42,331	574	972	3,824	12,096	14,032
McLean	793	800	411	677	36	35	7,117	8,408	36,614	40,826	906	1,393	319	851	5,507
Macon	91	145	251	443	1	2	6,228	8,141	11,699	15,645	762	1,139	341	654	264
Macoupin	.....	.....	341	382	.....	.....	5,766	5,922	38,480	44,581	2,051	2,184	381	658	5,074
Madison	19	30	323	421	17	10	12,979	17,017	20,084	24,889	3,237	3,926	1,351	2,017	5,731
Marion	95	68	210	219	.....	.....	421	460	47,007	37,484	2,463	2,337	1,706	1,333	548
Marshall	583	615	184	339	2	1	1,141	1,429	12,185	14,398	1,415	1,658	178	754	209
Mason	1,281	1,833	354	458	.....	.....	1,356	1,761	8,087	9,712	445	598	624	936	748
Massac	70	40	90	118	.....	.....	4,963	4,934	3,463	3,747	2,154	2,494	653	481	732
Menard	50	80	208	468	.....	.....	1,958	2,834	11,355	14,637	596	914	265	330	4,291
Mercer	1,464	2,907	786	1,584	.....	.....	2,296	2,327	23,208	28,442	2,302	2,940	320	958	493
Monroe	1	1	24	25	54	81	6,290	6,529	3,523	4,362	253	261	116	168	117
Montgomery	41	41	206	283	6	4	2,087	2,268	51,695	50,365	1,376	1,685	468	787	6,212
Morgan	97	114	225	349	6	8	3,158	4,267	14,379	21,247	453	617	157	429	.....
Moultrie	.....	.....	1,163	2,099	5	5	3,834	5,438	6,491	9,030	60	76	457	328	2,306
Ogle	2,007	2,046	2,421	4,310	.....	.....	3,504	3,835	38,147	36,874	3,151	3,842	746	2,127	10,487
Peoria	1,295	1,036	845	1,348	7	7	4,563	5,240	28,026	33,936	888	1,358	1,066	2,452	8,335
Perry	10	10	12	14	.....	.....	3,229	2,736	11,970	10,745	3,400	3,312	650	680	105
Piatt	29	17	250	508	14	13	4,910	5,936	11,956	13,542	1,667	2,224	255	377	1,190
Pike	98	140	246	301	.....	.....	8,162	10,586	33,038	44,359	941	1,126	809	1,171	1,280
Pope	8	4	33	34	8	8	5,618	5,337	4,600	5,001	1,686	1,634	279	354	273
Pulaski	73	66	40	69	7	9	1,638	2,151	2,485	3,302	249	435	229	360	2
Putnam	76	161	163	251	7	40	508	596	7,288	7,808	52	79	501	679	855
Randolph	9	11	185	161	.....	.....	6,679	6,661	8,774	10,841	3,974	4,826	263	474	2,735
Richland	53	52	9	16	4	6	2,680	2,851	24,856	24,095	2,486	3,037	448	689	223

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.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Rock Island	4,270	6,485	1,073	1,718	13	16	918	1,205	25,118	33,187	633	1,059	182	446	1,459
St. Clair	1	2	136	196	5	5	18,343	21,841	13,376	16,630	1,538	1,998	389	671	2,225
Saline	.....	.....	29	35	.....	.....	5,032	5,188	11,284	11,935	1,692	2,342	797	1,141	.....
Sangamon	.....	.....	378	638	20	30	3,886	5,906	26,617	38,759	633	1,005	262	408	750
Schuyler	73	115	279	413	.....	.....	9,448	14,415	18,851	22,056	611	1,009	734	1,109	4,559
Scott	218	283	67	114	4	16	660	946	5,528	9,090	542	850	3,887	4,097	5,681
Shelby	65	41	738	1,194	12	24	4,331	5,674	55,420	59,689	3,924	4,768	2,677	4,459	2,506
Stark	44	55	84	142	4	12	706	867	12,478	14,724	368	489	872	3,727	1,218
Stephenson	2,290	3,199	1,954	3,304	.....	.....	469	698	27,451	35,569	789	1,075	2,193	3,412	6,995
Tazewell	406	620	354	598	.....	.....	3,177	3,983	23,480	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	3,339	858
Vermilion	317	337	1,058	1,837	36	39	6,427	8,561	29,598	34,018	2,331	2,825	723	1,312	2,378
Wabash	.....	.....	21	25	.....	.....	3,708	4,375	6,562	7,928	892	966	618	368	1,616
Warren	262	219	483	846	8	12	2,727	2,926	24,433	30,983	441	594	322	821	4,435
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	3	3,082	3,377	51,450	48,705	2,024	2,287	622	658	1,338
White	7	12	214	400	3	4	7,356	8,705	10,036	11,707	1,387	1,887	209	881	181
Whiteside	12,828	19,931	2,662	4,712	.....	.....	612	725	33,396	41,434	2,344	3,904	2,659	4,537	14,541
Will	8,371	8,032	1,867	3,092	15	20	253	244	56,335	51,362	1,023	1,259	1,786	3,099	11,719
Williamson	.....	.....	127	170	31	33	7,410	7,763	11,951	13,541	3,369	3,980	721	846	202
Winnebago	5,203	5,732	2,073	4,341	16	19	666	636	34,344	35,423	1,596	3,106	985	1,629	5,897
Woodford	62	64	201	335	22	22	2,818	3,192	14,013	16,746	343	562	21	31	178

INDIANA.

The State	137,721	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	1,335	3,075	24,338
Allen	88	111	343	520	.....	.....	2,219	2,284	49,344	46,872	965	936	888	1,329	18,763
Bartholomew	2	5	125	182	.....	.....	12,173	15,342	14,375	16,048	1,559	1,477	381	445	594
Benton	.....	.....	96	161	.....	.....	1,442	1,547	14,298	14,155	668	905	305	460	2,107
Blackford	.....	.....	83	113	15	24	3,150	4,203	8,600	9,356	330	370	189	297	4,247
Boone	.....	.....	104	185	.....	.....	15,759	21,678	16,690	23,261	1,748	2,315	517	1,005	11,586
Brown	2	4	237	198	.....	.....	3,475	3,275	11,145	10,128	237	175	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	15,134	10,994	14,021	663	1,120	4,459	8,135	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	292	492	4	6	10,667	13,743	10,075	14,251	267	331	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	536	2,014
Dearborn	.....	.....	99	143	160	272	4,491	5,179	24,225	26,001	355	383	229	338	3,997
Decatur	.....	.....	58	100	.....	.....	8,592	10,920	19,464	23,371	1,782	2,373	1,495	1,728	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	54	14,518	19,487	17,428	19,202	1,671	2,441	8,036	10,836	16,166
Dubois	.....	.....	58	60	.....	.....	12,419	13,093	10,922	12,223	171	200	196	309	4,141
Elkhart	638	657	646	772	52	74	13,026	17,658	17,295	19,777	602	639	1,306	2,436	17,534
Fayette	.....	.....	40	50	.....	.....	5,194	6,388	5,916	7,012	302	373	246	488	783
Floyd	4	4	144	236	12	28	2,292	2,916	6,734	8,239	142	205	75	129	3,834
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	11,309	12,299	303	408	271	617	4,205
Fulton	492	596	294	473	47	52	11,045	13,455	10,937	13,402	1,176	1,688	687	923	8,231
Gibson	1	1	755	1,095	11	16	7,099	8,582	8,474	11,274	1,899	2,383	989	1,811	1,192
Grant	.....	.....	207	335	.....	.....	8,843	11,575	20,634	23,828	366	447	306	591	8,659
Greene	.....	.....	297	266	.....	.....	8,266	10,198	26,215	27,523	131	110	186	239	831
Hamilton	12	12	83	153	.....	.....	14,659	20,479	15,077	19,286	659	719	159	551	4,715
Hancock	.....	.....	131	190	.....	.....	9,734	11,999	10,238	13,169	1,068	1,331	201	357	436
Harrison	3	3	118	148	4	6	9,052	9,313	10,498	11,204	269	232	445	422	12,598
Hendricks	8	12	117	174	.....	.....	14,981	20,519	12,301	15,977	1,976	2,997	478	1,093	6,035
Henry	.....	.....	71	186	.....	.....	19,517	25,028	8,849	11,052	513	599	807	1,248	2,656
Howard	83	86	62	119	65	106	10,820	13,962	8,471	12,555	642	982	2,620	5,044	4,587
Huntington	7	7	81	117	1	2	5,403	5,939	21,888	21,779	638	615	3,666	8,993	6,047
Jackson	267	121	242	320	.....	.....	9,033	10,815	18,427	18,643	2,700	2,585	113	206	3,252
Jasper	27,531	30,319	519	621	.....	.....	536	691	25,267	24,628	378	433	103	268	810
Jay	199	217	54	105	.....	.....	10,351	13,532	23,908	26,249	528	739	2,458	3,182	21,420
Jefferson	.....	.....	59	93	.....	.....	8,858	10,776	10,693	12,188	795	918	94	155	4,067
Jennings	.....	.....	32	33	.....	.....	7,779	8,405	17,686	17,632	356	404	22	52	8,210
Johnson	6	6	279	475	53	96	13,292	20,362	6,561	9,101	359	671	705	1,206	6,393
Knox	34	48	517	764	15	15	11,912	16,091	10,192	12,875	303	362	98	231	902
Kosciusko	448	659	132	206	3	4	19,901	24,240	13,000	16,741	560	745	56	106	9,082
Lagrange	194	233	97	119	26	23	12,916	15,031	13,237	14,716	143	214	3,422	3,660	8,932
Lake	11,699	14,651	753	1,026	.....	.....	560	653	42,276	43,110	477	751	877	1,936	5,577
Laporte	28,756	32,056	1,336	1,557	20	20	3,943	3,964	25,707	25,513	328	380	2,538	3,260	6,314
Lawrence	16	12	630	712	27	23	8,036	9,701	15,666	15,140	631	802	89	106	2,393
Madison	458	428	543	1,093	4	11	16,305	21,833	14,337	18,514	4,439	5,396	741	1,181	12,042
Marion	15	21	345	687	4	11	12,742	16,911	20,639	23,981	3,432	5,101	1,430	2,593	12,045
Marshall	1,567	2,332	182	265	8	25	15,758	19,749	8,379	10,880	71	126	155	355	9,821
Martin	2	2	385	461	.....	.....	6,365	5,528	9,016	7,905	304	348	380	401	3,320
Miami	14	21	187	299	20	24	8,960	11,599	11,534	14,683	1,145	1,563	516	824	18,766
Monroe	.....	.....	241	215	2	2	6,355	7,658	19,607	21,519	353	384	46	57	1,785
Montgomery	7	7	142	259	10	13	9,995	12,927	17,424	23,178	1,938	2,726	304	336	5,106
Morgan	3	6	457	611	12	17	9,416	12,630	11,896	14,654	900	1,389	1,190	1,292	728

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Newton	5,609	5,777	225	264	.....	.....	647	681	12,410	13,188	101	129	538	1,745	64
Noble	195	210	96	159	.....	.....	14,321	17,059	13,819	16,195	528	706	136	230	12,365
Ohio	.....	.....	2	4	.....	.....	966	1,203	6,393	6,874	22	29	6	21	2,944
Orange	3	3	392	385	.....	.....	8,772	9,312	8,171	7,593	210	171	223	272	3,868
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	15,023	20,644	461	568	1,457	2,301	1,327
Perry	4	4	36	47	3	9	6,731	6,866	5,179	5,297	191	180	59	68	6,362
Pike	12	15	120	182	.....	.....	6,420	7,095	10,768	12,091	888	952	200	222	958
Porter	14,357	15,625	950	1,341	22	22	4,000	4,562	19,350	30,404	848	1,084	1,650	2,686	2,994
Posey	16	24	135	160	1	2	10,410	12,912	4,882	6,610	456	774	980	2,043	1,328
Pulaski	8,323	8,979	395	580	.....	.....	2,821	3,582	11,997	13,634	350	426	416	698	3,032
Putnam	.....	.....	83	84	.....	.....	15,188	18,069	18,230	20,011	1,380	2,270	219	251	938
Randolph	.....	.....	102	115	34	39	15,255	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	73	.....	.....	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	17,633
Scott	.....	.....	9	9	.....	.....	5,900	6,592	5,006	5,221	49	45	67	75	9,477
Shelby	139	176	195	348	19	36	15,226	20,194	8,366	11,399	1,415	1,980	413	655	3,144
Spencer	83	49	77	88	.....	.....	10,154	10,785	11,725	13,549	927	1,107	537	664	3,086
Starke	26,103	31,288	460	585	25	34	743	924	3,869	4,973	284	422	139	903	117
Steuben	356	388	59	88	16	47	9,863	11,119	14,962	17,869	159	193	119	239	5,341
Sullivan	268	658	131	194	.....	.....	10,115	14,195	18,329	23,028	1,153	1,628	95	168	4,211
Switzerland	.....	.....	53	63	3	3	4,347	4,608	12,636	11,914	122	118	70	84	6,995
Tippecanoe	25	25	499	849	3	4	6,090	6,409	19,344	21,841	783	945	462	1,163	3,462
Tipton	.....	.....	236	615	.....	.....	7,772	12,251	8,769	14,378	449	677	468	884	4,558
Union	.....	.....	16	20	.....	.....	6,487	7,143	2,279	3,082	448	571	210	277	585
Vanderburg	3	3	130	144	.....	.....	8,343	9,993	7,875	11,011	713	1,331	891	1,939	797
Vermilion	.....	.....	75	115	.....	.....	3,706	5,029	6,815	8,845	683	817	382	418	1,815
Vigo	340	414	111	153	14	21	7,013	9,203	16,761	20,855	1,224	1,662	620	1,239	57
Wabash	2,509	1,721	308	510	14	19	7,646	8,250	22,474	23,926	774	812	1,525	4,537	22,257
Warren	172	152	147	223	.....	.....	2,693	3,127	10,186	11,366	344	322	987	1,319	327
Warrick	21	21	55	68	4	4	11,715	13,041	9,738	12,272	709	906	257	347	553
Washington	180	149	159	178	3	3	9,532	11,723	18,028	19,763	166	189	189	361	8,484
Wayne	.....	.....	117	204	15	18	12,739	14,775	13,351	15,338	1,098	1,422	374	933	7,236
Wells	49	48	121	165	.....	.....	5,950	7,925	26,351	29,991	303	413	748	1,197	22,429
White	1,631	1,991	433	608	.....	.....	2,248	2,927	22,081	24,965	417	542	3,322	6,653	1,223
Whitley	33	32	198	280	.....	.....	5,244	5,368	17,479	19,040	132	139	178	265	10,097

INDIAN TERRITORY.

The Territory	356,186	393,963	16,885	28,728	946	2,545	153	244	2,311	2,739	4,009	6,600	19,903	45,790	3,330
Cherokee[1]	202,006	224,902	2,419	3,592	.....	.....	110	136	802	1,016	2,201	4,026	6,516	14,358	1,095
Chickasaw[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[1]	21,846	23,205	1,615	1,960	.....	.....	8	8	204	255	263	316	265	526	136
Creek[1]	80,122	92,520	1,234	2,126	318	640	.....	.....	42	46	628	1,090	5,155	11,660	1,712
Modoc, Shawnee, and Ottawa[2]	2,131	2,969	8	12	.....	.....	3	6	.....	.....	.....	.....	32	64	.....
Quapaw and Peoria[2]	12,239	12,593	34	58	.....	.....	.....	.....	172	201	5	10	156	359	163
Seminole[1]	2,784	2,730	22	25	.....	.....	.....	.....	.....	.....	.....	.....	21	37	.....
Seneca and Wyandotte[2]	242	366	30	59	.....	.....	32	94	32	51	.....	.....	11	24	.....

IOWA.

The State	1,233,135	1,638,182	161,777	321,732	2,298	6,252	148,720	229,326	2,838,095	3,823,133	86,944	156,061	178,409	425,483	251,702
Adair	8,514	13,016	851	1,856	.....	.....	1,760	2,385	36,977	48,053	458	697	1,613	4,395	109
Adams	3,368	5,168	577	1,251	.....	.....	1,842	2,916	31,632	45,874	480	910	646	2,279	2,288
Allamakee	1,296	2,231	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	534	616	97	193	1,010
Audubon	7,011	13,133	1,423	3,344	20	22	3,618	5,965	15,357	22,907	1,276	2,362	482	1,235	1,312
Benton	12,440	16,258	1,740	3,326	12	14	597	978	41,125	54,627	1,420	2,768	1,280	2,831	7,479
Blackhawk	11,901	14,506	2,684	5,221	6	10	273	390	33,717	51,044	1,144	1,934	6,716	14,504	3,901
Boone	27,159	32,304	2,833	4,731	30	40	580	790	15,417	19,274	606	1,450	603	1,545	1,402
Bremer	21,296	23,984	535	877	.....	.....	196	246	21,575	26,405	191	315	8,042	17,385	2,046
Buchanan	16,810	19,285	887	1,518	4	2	149	157	39,045	50,562	2,557	5,924	10,721	20,047	10,863
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	26,532	1,333	2,507	3,701	8,966	1,872
Calhoun	31,607	40,711	1,859	3,828	7	9	1,444	1,916	16,941	21,972	519	1,325	749	2,017	625
Carroll	17,083	28,342	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	3,179	80
Cedar	670	911	1,043	2,038	8	10	628	892	35,278	54,109	3,310	5,058	1,743	3,594	851
Cerro Gordo	15,623	18,592	1,631	2,931	.....	.....	1,192	1,930	23,698	33,373	586	1,172	1,380	4,823	4,522
Cherokee	15,562	21,471	2,556	5,116	16	50	3,681	6,477	17,972	28,477	479	1,032	1,059	4,254	321
Chickasaw	14,351	18,434	541	1,077	3	7	216	368	24,944	36,067	495	980	3,300	9,002	6,754
Clarke	693	738	284	394	.....	.....	395	484	38,415	42,503	1,918	2,469	2,071	4,019	876

[1] Indian nation.

[2] Indian reservation.

TABLE 10.—ACREAGE AND PRODUCTION OF SPECIFIED CLASSES OF HAY AND FORAGE IN 1899, 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	38,495	2,454	4,705	.....	.....	305	535	17,564	23,956	322	445	792	2,363	466
Clayton	2,550	3,464	999	1,619	.....	.....	4,872	6,708	43,519	59,450	906	1,454	1,326	2,921	7,932
Clinton	5,061	7,554	4,230	8,121	6	19	1,352	1,629	45,625	60,744	2,739	4,864	1,820	4,131	3,072
Crawford	12,256	18,067	4,269	8,706	25	38	3,584	5,922	22,434	36,921	1,952	3,728	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	252	2,499	3,397	8	16	282	419	54,766	56,930	838	807	258	445	2,442
Decatur	1,396	1,860	1,955	3,193	.....	.....	501	621	53,823	63,581	669	904	458	829	3,465
Delaware	9,925	11,620	1,117	2,002	.....	.....	291	398	33,592	46,635	796	1,790	12,133	22,607	8,219
Des Moines	955	1,572	165	287	3	9	1,505	1,849	25,582	35,207	860	1,249	502	1,810	1,239
Dickinson	19,212	24,370	1,302	2,425	.....	.....	252	405	12,833	15,534	105	184	173	364	310
Dubuque	2,555	2,395	471	902	3	11	1,814	2,452	53,663	66,979	659	1,118	1,784	4,701	65
Emmet	25,198	30,901	1,690	3,023	.....	.....	154	272	7,609	11,008	213	394	799	2,210	410
Fayette	15,569	17,383	919	1,674	3	3	245	413	48,772	66,008	1,854	2,906	2,221	5,798	16,990
Floyd	7,185	8,666	1,098	1,898	43	57	626	881	23,764	31,140	1,210	2,345	5,223	11,107	3,752
Franklin	19,322	22,508	1,673	2,808	.....	.....	331	451	19,086	24,539	399	651	5,745	15,205	.....
Fremont	5,950	9,740	673	1,646	102	308	5,301	8,411	12,012	17,909	686	1,336	183	456	1,772
Greene	22,432	30,753	1,546	3,546	.....	.....	1,710	2,725	15,779	20,684	575	1,048	368	861	623
Grundy	7,940	9,765	761	1,478	.....	.....	4,945	7,154	23,798	29,939	607	1,339	2,451	6,279	1,078
Guthrie	10,660	14,641	563	1,312	.....	.....	2,637	3,428	28,637	39,826	306	435	708	2,146	303
Hamilton	38,521	42,355	1,560	3,445	.....	.....	1,184	1,409	19,331	24,664	670	1,984	1,306	3,762	627
Hancock	24,468	29,782	605	1,140	.....	.....	357	561	20,374	26,388	225	599	357	1,227	530
Hardin	21,728	25,030	2,303	4,194	.....	.....	574	833	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	4,318	6,690	12,046	384	867	216	554	2,141
Henry	.....	.....	177	355	16	20	1,552	1,903	30,011	39,141	706	958	241	302	1,017
Howard	7,952	9,295	112	263	.....	.....	717	1,159	30,335	47,186	162	259	1,737	4,613	596
Humboldt	28,608	32,776	1,262	2,541	2	2	864	1,365	15,620	22,688	434	873	212	524	8,669
Ida	6,433	9,167	1,581	3,237	30	90	500	761	17,839	26,215	322	674	1,085	3,456	231
Iowa	2,490	3,783	1,796	3,678	3	5	269	379	38,361	54,767	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	56,455	1,289	1,979	4,188	7,654	13,970
Jasper	3,393	4,667	1,830	4,403	.....	.....	2,561	3,084	34,899	42,809	840	1,595	1,707	5,718	5,191
Jefferson	40	52	212	336	.....	.....	1,021	1,246	37,463	51,837	467	766	410	1,073	2,187
Johnson	1,521	2,204	1,572	3,637	1	1	742	963	46,068	69,558	946	1,648	1,613	4,565	3,951
Jones	1,204	1,601	1,604	3,017	.....	.....	357	683	44,459	65,809	2,778	4,979	3,977	10,354	4,514
Keokuk	617	1,001	1,699	3,149	17	38	760	1,092	41,784	58,734	506	841	3,348	7,400	3,715
Kossuth	89,184	101,347	1,618	2,578	.....	.....	1,120	1,608	22,820	27,263	389	792	1,439	3,535	563
Lee	476	687	599	909	1	1	843	1,082	46,075	55,742	950	1,058	367	602	5,372
Linn	7,881	9,500	1,873	3,261	.....	.....	445	614	44,470	64,021	1,643	2,830	1,955	5,254	13,728
Louisa	1,420	2,322	505	967	.....	.....	946	1,281	18,216	24,260	394	551	804	1,589	1,002
Lucas	1,261	1,355	1,431	2,354	2	4	368	474	40,972	44,646	540	556	583	1,029	1,765
Lyon	17,348	23,437	2,418	4,500	5	12	1,133	1,836	5,272	7,594	162	260	535	1,185	120
Madison	3,239	4,415	782	1,576	.....	.....	825	1,135	38,348	56,017	1,664	2,888	2,741	7,232	3,235
Mahaska	1,375	1,969	1,665	3,137	.....	.....	1,187	1,624	26,230	34,111	795	1,224	432	984	3,786
Marion	1,092	1,378	1,443	2,593	.....	.....	2,750	3,819	24,036	30,848	813	1,070	5,053	10,405	2,487
Marshall	2,791	3,389	1,433	3,464	.....	.....	918	1,339	27,365	37,330	817	1,581	2,742	7,125	4,728
Mills	6,802	11,977	1,301	3,260	1,088	3,214	4,951	8,793	12,986	20,192	376	654	352	1,440	1,904
Mitchell	3,091	3,990	210	381	12	24	962	1,749	27,017	42,209	1,123	1,780	2,791	7,054	3,210
Monona	33,052	56,150	4,728	9,843	41	154	304	487	5,025	6,862	1,118	1,806	327	853	140
Monroe	436	468	5,382	7,881	10	10	101	114	34,541	39,115	491	599	593	1,010	870
Montgomery	2,783	4,828	423	950	80	226	3,980	6,321	19,475	28,537	657	1,055	352	1,107	1,123
Muscatine	2,116	2,963	844	1,599	.....	.....	594	626	26,185	32,937	823	1,161	1,625	3,710	9,144
O'Brien	13,795	17,580	2,940	6,510	8	16	1,219	1,952	20,818	29,380	627	1,044	2,264	5,168	773
Osceola	12,407	14,838	650	1,023	.....	.....	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	773	1,977	200
Palo Alto	56,599	72,825	1,884	3,217	.....	.....	314	479	12,917	18,344	609	1,674	1,160	3,040	418
Plymouth	27,516	38,403	4,812	11,172	76	175	2,311	3,953	16,030	24,782	167	393	783	2,489	427
Pocahontas	37,574	46,494	2,015	3,853	.....	.....	114	168	24,395	28,333	1,494	3,137	542	1,650	785
Polk	18,543	26,051	2,558	6,032	8	29	3,224	4,529	22,188	30,815	1,084	1,728	1,911	5,589	518
Pottawattamie	18,911	33,181	3,596	13,741	235	599	6,372	11,004	21,881	33,896	1,287	2,509	656	2,017	1,656
Poweshiek	1,838	2,933	2,176	4,798	8	12	589	731	39,145	50,526	2,399	5,866	5,727	12,221	5,163
Ringgold	2,304	2,495	2,133	3,780	.....	.....	635	773	54,986	67,766	1,213	2,044	1,869	4,291	1,955
Sac	16,152	25,657	1,996	4,140	10	20	1,023	1,713	24,958	42,339	485	891	2,805	7,350	366
Scott	4,343	5,936	1,433	2,732	.....	.....	1,581	2,378	25,883	34,726	1,017	1,884	579	2,312	1,505
Shelby	9,083	17,834	2,770	6,256	57	162	3,555	5,762	17,630	29,050	1,003	2,016	668	2,000	1,651
Sioux	19,966	28,669	1,875	4,238	.....	.....	2,258	4,217	15,563	25,655	453	837	422	1,204	223
Story	15,461	17,538	2,123	4,602	3	3	787	1,155	22,377	36,125	1,138	2,355	1,304	2,863	2,815
Tama	8,269	12,139	2,523	4,520	.....	.....	1,319	2,085	36,268	50,416	843	1,721	1,576	3,545	4,784
Taylor	1,993	2,991	690	1,381	1	2	2,746	3,629	42,965	58,413	1,518	2,404	1,267	3,003	332
Union	1,257	1,656	432	923	8	30	329	417	40,720	53,103	630	1,270	389	871	2,520
Van Buren	126	125	412	570	3	7	1,162	1,439	47,811	58,158	317	442	874	1,793	2,105
Wapello	82	108	1,565	2,248	.....	.....	469	533	37,612	47,584	431	940	1,285	2,409	2,057
Warren	2,454	3,495	759	1,825	.....	.....	2,085	2,912	41,271	58,160	596	888	2,496	5,033	75
Washington	253	355	793	1,540	2	2	1,728	2,092	35,681	47,758	581	1,046	846	2,417	3,258
Wayne	545	567	3,876	5,864	.....	.....	121	125	75,481	80,199	2,161	3,322	1,165	3,098	1,597
Webster	44,702	55,326	1,816	3,353	.....	.....	1,114	1,641	13,706	17,790	711	1,342	404	952	319
Winnebago	25,983	37,814	232	519	.....	.....	550	969	14,056	22,460	188	445	77	221	30
Winneshiek	11,041	14,160	421	733	30	90	6,856	15,633	37,289	56,658	1,348	2,867	1,381	3,043	1,179
Woodbury	31,318	51,179	4,199	9,256	23	80	565	893	7,182	10,740	364	812	827	2,341	886
Worth	15,260	22,464	432	839	.....	.....	719	1,219	21,263	34,995	378	696	528	1,605	1,911
Wright	32,107	34,970	1,032	1,893	.....	.....	1,095	1,934	16,347	22,089	929	2,066	328	799	733
Sac and Fox[1]	9	13	15	21	.....	.....	.....	.....	11	8	.....	.....	.....	.....	.....

[1] Indian reservation.

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
The State	2,165,174	2,291,173	349,906	670,770	267,376	601,624	160,895	214,199	258,108	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	4,839	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	3,912	10,364	22,910	4,707
Atchison	6,120	7,571	1,841	3,497	92	135	10,527	13,376	12,282	15,046	513	1,086	2,450	7,925	237
Barber	5,309	5,578	652	1,351	724	1,895	.....	.....	84	134	2,072	6,288	68,447	163,150	548
Barton	20,412	23,592	990	2,207	2,089	5,528	9	17	1,046	2,125	511	941	13,466	38,757	90
Bourbon	36,625	38,382	2,337	3,582	115	350	3,846	4,389	11,187	12,201	689	1,532	2,328	6,546	3,979
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	148,969	104,636	12,853	21,266	12,727	35,097	51	113	402	575	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	30,867	2,268	3,410	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	59	1,024	1,095	109
Clark	2,538	2,759	1,002	2,021	564	1,694	.....	.....	95	110	84	129	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	15,500	15,952	4,177	8,977	7,567	19,599	18	35	828	1,553	1,206	3,270	9,701	26,637	4
Coffey	54,677	57,847	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	1,565	1,819	134	131	70	134	.....	.....	.....	.....	.....	.....	14,766	31,825	.....
Cowley	45,926	50,044	5,471	10,297	3,332	6,321	100	226	233	423	2,022	5,693	10,038	27,953	2,054
Crawford	31,562	35,269	1,473	2,642	41	97	1,145	1,464	8,347	10,540	772	1,317	3,934	8,304	360
Decatur	8,233	9,661	5,803	8,742	4,187	9,109	.....	.....	159	236	523	771	4,083	9,000	239
Dickinson	39,916	49,865	5,566	11,469	4,265	10,524	150	298	243	389	5,227	18,424	16,214	50,650	326
Doniphan	1,547	2,344	462	913	76	246	9,596	13,655	6,019	11,496	262	442	503	1,169	1,057
Douglas	15,013	17,878	980	2,121	403	985	7,300	9,252	10,548	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	659	12,327	31,870	.....
Elk	34,932	37,234	4,521	8,581	2,262	4,581	433	933	735	969	2,826	5,888	10,972	28,126	1,559
Ellis	6,895	7,257	4,603	9,731	353	665	.....	.....	60	73	386	400	10,517	28,376	70
Ellsworth	12,168	22,036	79	179	470	1,265	2	3	35	95	561	2,094	20,814	60,021	642
Finney	3,855	4,289	808	1,423	15,595	32,275	.....	.....	160	440	227	670	26,227	57,787	50
Ford	9,676	10,671	2,410	4,675	6,536	15,010	.....	.....	9	18	395	762	12,351	34,430	523
Franklin	24,854	27,827	2,917	5,687	220	517	11,491	13,679	14,073	15,974	1,087	2,800	8,070	20,491	4,814
Geary	20,597	22,764	1,749	3,579	975	2,469	12	24	27	37	248	285	9,309	22,887	14,388
Gove	4,414	4,570	2,800	4,382	1,661	3,372	.....	.....	.....	.....	754	824	4,818	8,857	50
Graham	10,094	10,587	4,044	6,398	1,126	1,615	21	25	671	1,405	534	689	3,242	6,538	1,740
Grant	1,364	1,470	.....	.....	10	20	.....	.....	.....	.....	.....	.....	2,508	3,434	.....
Gray	1,949	2,090	619	1,336	3,025	8,484	.....	.....	107	278	177	374	7,162	17,111	195
Greeley	187	186	4	3	.....	.....	.....	.....	4	6	.....	.....	1,597	3,077	.....
Greenwood	60,055	59,014	3,932	8,052	7,817	19,104	494	722	585	901	1,299	3,913	31,786	89,733	3,911
Hamilton	4,135	3,886	.....	.....	3,200	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	25,734	29,404	1,253	2,382	3,219	6,554	8	15	234	262	125	239	7,143	18,924	130
Haskell	159	137	177	306	.....	.....	.....	.....	.....	.....	.....	.....	3,271	6,605	.....
Hodgeman	3,758	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	13,018	526	1,221	11,360	15,269	10,196	14,043	1,182	2,904	4,464	12,644	800
Jefferson	16,970	19,702	4,169	8,427	350	854	11,606	14,232	12,111	16,143	1,132	2,583	6,796	14,374	7,074
Jewell	25,304	21,475	15,221	31,506	13,547	31,415	48	120	241	425	710	1,566	6,573	22,731	1,565
Johnson	5,618	6,027	761	1,136	35	67	9,605	11,321	25,037	28,121	791	1,454	6,815	9,707	3,066
Kearny	3,329	3,147	58	143	6,636	11,222	155	300	.....	.....	232	560	5,294	10,618	.....
Kingman	23,205	23,688	1,222	2,143	397	980	13	26	407	782	1,638	4,047	15,554	35,111	700
Kiowa	5,632	10,786	1,007	2,256	141	475	.....	.....	3	4	797	1,487	10,132	30,657	.....
Labette	24,566	27,842	3,030	4,618	77	194	1,042	1,664	2,831	3,680	1,307	2,543	4,618	9,488	443
Lane	2,509	3,116	379	742	580	1,166	55	70	6	8	102	109	4,176	7,691	.....
Leavenworth	8,033	9,627	1,794	3,264	212	458	9,425	14,004	13,059	19,980	1,906	3,189	2,082	5,382	2,569
Lincoln	21,368	29,307	655	1,437	3,176	7,249	20	47	25	44	1,673	3,915	13,248	34,450	118
Linn	18,103	19,514	1,543	2,747	78	125	8,095	10,045	13,723	15,755	783	1,926	5,603	12,126	930
Logan	3,903	3,639	1,287	1,408	462	709	.....	.....	25	18	65	62	4,161	5,453	.....
Lyon	60,233	63,774	5,692	12,696	9,268	22,692	378	541	1,034	2,001	3,952	14,103	31,647	112,828	2,302
McPherson	31,562	32,902	3,969	7,572	7,216	14,759	57	101	1,090	1,370	1,916	3,737	14,472	44,352	295
Marion	38,124	33,800	9,305	18,957	6,886	13,449	44	86	472	582	1,498	3,046	18,863	64,586	2,696
Marshall	40,612	46,831	11,763	25,443	1,771	4,073	1,924	3,460	2,203	3,527	639	1,306	5,836	18,088	745
Meade	5,752	6,584	1,414	2,857	2,905	5,903	.....	.....	18	34	193	405	9,321	22,276	.....
Miami	13,081	15,342	1,596	3,068	102	227	11,280	12,830	20,900	23,905	919	2,613	3,465	9,771	1,713
Mitchell	14,134	14,620	3,653	8,571	8,596	23,865	41	115	89	186	411	835	12,585	35,779	6,600
Montgomery	23,136	26,360	1,761	3,326	368	939	146	284	441	664	442	1,011	4,135	9,101	401
Morris	51,173	51,288	14,287	27,871	1,311	3,163	374	621	156	296	2,164	5,984	23,911	82,723	1,653
Morton	1,810	1,965	7	21	406	1,010	.....	.....	.....	.....	.....	.....	2,276	4,821	.....
Nemaha	27,667	35,450	11,663	25,028	2,100	4,336	5,976	9,199	8,296	11,948	761	1,452	2,771	8,572	1,893
Neosho	30,036	35,659	4,392	7,867	56	140	736	1,135	2,192	2,822	580	1,669	5,119	9,771	75
Ness	4,970	5,306	4,227	8,001	341	522	107	200	103	240	3,471	6,833	11,270	31,908	14
Norton	18,509	16,474	4,937	7,074	7,428	14,142	40	25	315	629	769	796	3,124	7,090	337
Osage	43,459	52,367	7,122	15,625	1,363	2,861	8,378	10,982	2,039	3,133	764	1,436	21,547	70,564	1,869
Osborne	29,076	25,288	5,549	13,232	6,115	13,140	13	24	114	94	1,031	1,781	17,286	46,350	3,324
Ottawa	13,368	14,787	1,331	3,316	4,815	12,918	.....	.....	372	359	1,405	2,548	16,231	47,848	11,559
Pawnee	10,444	13,636	3,227	6,467	762	1,917	.....	.....	1	2	14	20	11,327	33,131	.....
Phillips	34,636	31,342	8,056	14,026	7,989	15,282	8	12	288	659	725	669	6,875	15,722	311
Pottawatomie	54,590	62,232	10,805	22,712	5,010	11,841	1,264	1,770	781	1,081	1,048	2,738	15,032	31,247	6,628
Pratt	4,548	5,893	1,089	1,938	278	574	20	40	56	162	189	486	20,465	45,235	150
Rawlins	3,231	3,044	3,099	3,357	2,026	4,041	.....	.....	50	78	287	304	1,997	3,049	8
Reno	43,871	41,590	2,344	4,077	5,704	12,460	.....	.....	71	124	2,998	4,971	33,649	74,867	3,412
Republic	20,195	21,009	7,159	14,783	7,157	15,741	263	429	349	461	535	1,386	4,747	13,973	307
Rice	18,905	17,843	1,898	4,038	3,945	9,258	19	42	77	119	1,776	4,925	10,963	29,726	1,718

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Riley	27,376	31,629	6,130	13,663	4,058	11,200	84	155	5,630	8,726	152	262	5,411	16,592	743
Rooks	18,866	19,456	5,720	8,969	946	1,503	20	30	171	186	482	893	5,094	10,338	20
Rush	5,575	6,944	3,020	5,614	219	584	.....	.....	1,111	3,093	2,804	8,393	5,412	18,472	819
Russell	17,868	19,150	928	2,373	471	978	175	419	43	77	326	861	21,129	60,835	1,230
Saline	15,657	20,392	1,370	2,738	6,695	15,887	9	26	3,121	3,986	807	2,015	17,608	46,728	143
Scott	1,682	1,559	2,244	3,275	311	320	.....	.....	.....	.....	771	648	5,291	11,360	686
Sedgwick	49,418	56,834	2,576	5,069	5,462	12,587	36	74	2,922	3,712	1,229	3,275	9,378	25,786	308
Seward	5,257	6,472	106	106	18	34	.....	.....	.....	.....	.....	.....	2,812	5,756	300
Shawnee	52,239	51,085	3,624	7,195	1,852	4,731	6,727	9,170	6,819	8,632	1,055	1,995	9,496	27,384	6,132
Sheridan	6,199	6,165	2,943	4,097	3,099	7,469	15	25	.....	.....	384	248	3,192	6,377	34
Sherman	2,518	2,601	1,480	1,228	93	126	.....	.....	20	20	66	31	2,141	1,785	100
Smith	22,701	19,997	15,723	28,768	4,155	7,350	22	21	92	102	704	963	6,245	10,902	262
Stafford	13,647	20,092	1,050	1,888	654	1,290	.....	.....	258	416	857	2,161	15,658	34,993	772
Stanton	62	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,508	5,069	.....
Stevens	702	704	192	325	15	20	.....	.....	.....	.....	.....	.....	4,557	8,714	.....
Sumner	19,442	22,862	1,544	2,700	1,841	3,702	57	100	868	1,005	793	1,741	11,337	30,789	313
Thomas	1,708	1,487	2,850	3,812	582	1,297	.....	.....	333	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	.....
Wabaunsee	54,750	60,954	8,070	17,983	7,813	21,224	648	1,167	378	646	2,370	7,142	14,625	47,181	12,247
Wallace	4,929	4,083	1,016	1,243	766	1,505	5	5	20	20	48	66	1,089	1,648	.....
Washington	36,440	38,053	9,244	20,132	2,111	4,977	382	719	273	518	441	735	6,298	19,460	515
Wichita	2,500	3,105	717	601	161	289	.....	.....	.....	.....	7	11	2,484	4,083	262
Wilson	31,962	37,731	6,450	11,883	1,559	3,228	1,251	2,124	810	1,043	1,479	3,110	6,039	13,393	2,296
Woodson	65,647	66,007	1,359	2,429	750	1,708	740	1,055	506	528	275	688	5,994	17,793	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	.....	.....	.....	.....	17	55	.....
Potawatomi[1]	2,039	1,959	118	262	28	84	.....	.....	38	65	63	184	38	92	.....
Sac and Fox[1]	146	163	.....	.....	2	3	20	22	26	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	2,908	2,205	91	85	70	177	2,307
Allen	108	67	602	568	.....	.....	1,312	1,203	1,452	1,277	862	790	382	238	216
Anderson	.....	.....	29	27	10	8	1,887	1,835	2,462	2,274	56	40	521	562	2
Ballard	.....	.....	3	3	.....	.....	1,219	1,383	1,898	2,159	1,548	1,568	186	150	.....
Barren	1	1	370	448	.....	.....	1,367	1,175	3,481	2,610	75	70	32	39	60
Bath	.....	.....	1,064	947	.....	.....	702	692	3,136	3,279	329	331	19	58	1,216
Bell	204	195	334	386	.....	.....	29	19	646	473	33	41	7	7	94
Boone	.....	.....	273	345	8	12	1,544	1,675	11,224	10,191	1,512	1,540	35	35	4,671
Bourbon	.....	.....	120	165	.....	.....	1,567	1,809	11,608	12,273	990	1,112	132	162	1,924
Boyd	.....	.....	200	257	.....	.....	95	70	1,148	988	371	332	7	30	.....
Boyle	.....	.....	385	362	4	6	2,443	2,704	2,474	2,773	962	1,269	149	292	82
Bracken	.....	.....	19	20	20	32	1,401	1,064	4,413	3,281	529	397	165	88	1,057
Breathitt	.....	.....	62	51	.....	.....	76	71	340	370	30	24	.....	.....	1,810
Breckinridge	5	2	128	159	.....	.....	1,497	1,678	4,293	3,494	172	105	155	32	96
Bullitt	392	1,001	.....	.....	.....	.....	1,452	1,391	5,989	5,564	174	181	22	36	13
Butler	39	25	529	525	.....	.....	504	464	2,671	1,904	861	583	156	163	998
Caldwell	7	5	44	53	2	5	467	459	1,965	2,011	126	132	31	54	317
Calloway	17	19	24	26	19	20	440	387	3,683	2,808	3,001	3,206	14	16	49
Campbell	.....	.....	29	43	236	284	2,318	2,674	5,852	5,540	558	594	27	204	7,423
Carlisle	2	3	16	35	.....	.....	799	863	2,636	3,207	1,424	1,863	77	82	6
Carroll	.....	.....	25	30	19	23	1,124	1,339	3,706	4,406	262	285	186	121	378
Carter	21	21	941	662	1	3	605	407	2,823	2,016	75	65	35	66	83
Casey	198	326	477	449	.....	.....	1,420	1,239	2,690	2,577	424	395	447	842	34
Christian	12	14	483	504	.....	.....	5,033	5,404	5,955	5,173	1,890	2,368	674	1,057	3,262
Clark	470	450	119	128	.....	.....	1,752	1,717	3,800	4,153	461	586	63	46	34
Clay	16	17	329	290	.....	.....	186	109	1,848	1,169	414	382	22	14	216
Clinton	.....	.....	173	156	.....	.....	223	183	1,098	1,025	94	106	25	37	657
Crittenden	.....	.....	24	26	.....	.....	877	758	3,455	3,282	784	835	58	81	86
Cumberland	.....	.....	78	82	.....	.....	895	1,008	1,085	1,112	135	152	.....	.....	13
Daviess	.....	.....	24	25	4	2	3,258	3,831	8,916	10,061	301	310	86	112	651
Edmonson	.....	.....	163	201	.....	.....	406	400	488	315	6	8	36	35	117
Elliott	.....	.....	214	206	.....	.....	377	288	1,067	763	317	223	14	35	.....
Estill	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	9,883	1,837	2,243	171	384	2
Fleming	17	11	547	628	3	3	3,190	3,071	10,606	6,818	2,638	2,243	4,189	2,128	2,931
Floyd	34	29	59	57	.....	.....	94	84	694	675	38	60	2	2	197
Franklin	.....	.....	268	289	7	8	1,744	1,732	3,317	3,171	481	527	51	104	2,706
Fulton	15	7	8	10	.....	.....	1,613	1,602	1,206	1,243	651	847	36	37	5
Gallatin	.....	.....	14	18	9	24	920	1,114	1,902	2,004	125	119	13	13	955
Garrard	60	30	186	234	.....	.....	2,046	1,831	5,167	4,674	114	99	90	74	135
Grant	2	2	36	31	12	13	2,355	2,247	6,047	5,233	293	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	.....	.....	295	279	2,578	2,066	175	100	7	7	47
Green	1	1	317	408	.....	.....	558	577	1,347	1,186	26	19	1	1	17
Greenup	4	2	957	1,147	.....	3	250	273	2,868	2,528	34	24	5	14	191

[1] Indian reservation.

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.	Tons.
Hancock	10	8	52	73			682	839	1,781	1,891	65	55	92	95	247
Hardin	5	5	442	549	15	58	1,814	2,007	5,154	4,538	412	510	300	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	36	497
Hart	43	36	189	217			1,327	1,502	1,304	1,394	100	159	402	328	944
Henderson			118	129			1,875	2,041	4,499	4,891	297	351	121	152	
Henry			40	48	122	103	3,039	3,575	7,351	7,309	149	159	63	128	2,138
Hickman	18	16	34	39			1,438	1,699	1,473	1,691	1,179	1,436	163	352	
Hopkins	65	79	465	482			701	777	4,559	4,431	446	477	68	91	7
Jackson	12	11	305	262			131	96	1,581	994	9	12			708
Jefferson	1,507	1,162	1,613	1,964			5,028	6,043	13,338	14,589	724	1,137	324	520	2,174
Jessamine			216	267			2,767	2,994	2,094	2,243	474	437	119	166	198
Johnson	2	1	20	19			200	128	1,004	919	158	154	10	14	178
Kenton	1	1	77	123	51	113	2,803	2,992	6,881	6,392	166	173	188	187	2,724
Knott	3	3	65	86			19	17	129	129	33	40			4
Knox	73	55	224	222			251	168	3,653	2,641	292	313	55	58	932
Larue	7	5	288	246			813	635	726	646	574	499	263	150	657
Laurel	185	134	1,473	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	3,322	3,174	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			38	23	501	357	21	36	1	2	1
Lewis	20	10	1,190	889			587	448	3,956	3,337	29	23	8	11	15
Lincoln	27	27	1,079	1,273	1	1	3,116	4,085	7,305	8,515	225	337	211	415	20
Livingston	4	2	119	95			906	813	3,914	3,421	342	415	211	188	49
Logan	77	77	664	702	5	5	1,495	1,372	4,013	3,617	165	157	63	121	101
Lyon	12	14	88	71			888	828	782	601	896	445	765	288	23
McCracken	8	8	19	19	22	21	1,774	1,631	2,191	2,124	2,256	2,190	4	4	
McLean	10	9	156	204			375	411	3,876	3,479	38	36	25	20	1,251
Madison	16	8	1,048	1,044			1,317	1,309	9,090	7,597	697	654	112	317	617
Magoffin	5	2	1,509	825			111	118	893	970	122	129	25	7	1,062
Marion			166	166	4	6	1,827	1,924	3,350	3,206	1,631	1,163	218	273	152
Marshall	91	83	56	75			1,017	961	3,786	3,150	777	787	40	53	226
Martin			8	10					42	32					
Mason			60	72	22	26	966	1,127	5,628	5,637	1,311	1,308	2	6	30
Meade	10	12	85	99			575	531	4,223	3,447	462	440	222	215	262
Menifee	1	2	391	358	4	2	326	283	365	248			16	13	4,854
Mercer			54	52			5,281	5,371	4,055	3,991	74	81	2,735	3,199	5,222
Metcalfe			365	355			455	366	1,554	1,179	114	112	4	6	4
Monroe			232	242			345	367	2,306	2,148	364	353	40	86	268
Montgomery	4	4	746	812	2	4	1,400	1,401	4,409	4,787	1,080	1,855	70	70	6
Morgan	4	3	602	594			747	668	1,282	1,018	33	41			2,754
Muhlenberg	94	62	240	227			612	568	3,511	3,042	681	491	1,058	1,048	279
Nelson	37	35	531	585	25	56	3,988	3,245	4,281	4,044	378	460			358
Nicholas			74	70	4	1	1,609	1,293	4,186	3,585	6	6			7
Ohio	12	10	180	206			206	190	6,187	5,025	885	742	3	4	738
Oldham	16	10	524	590	22	25	2,784	2,918	7,737	5,805	199	204	58	89	2,590
Owen			1	1			1,338	1,301	6,949	5,540	119	128	39	51	1,272
Owsley	37	22	302	266			233	150	741	513					
Pendleton			19	27	18	9	2,051	1,958	5,836	4,991	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	113			296	258	863	861	33	32	51	102	365
Powell			86	78			151	142	306	222	9	8			14
Pulaski	47	35	1,483	1,332	8	7	1,306	1,172	3,153	2,597	246	258	43	43	1,786
Robertson			2	3			723	588	1,611	1,155	12	12			6
Rockcastle	2	3	466	371	5	2	386	389	1,799	1,422	22	26	3	3	54
Rowan	32	29	1,599	959			830	425	548	320	31	15	94	103	48
Russell			447	523			228	293	520	499	61	63	5	6	978
Scott			38	44			2,652	2,686	8,390	7,914	202	166	2,298	2,346	407
Shelby			87	158	18	17	3,901	3,799	7,633	7,317	101	131	87	312	22
Simpson			108	121			342	714	495	451	1,472	1,891	34	38	706
Spencer			87	92			1,938	1,664	2,109	1,733	345	368	104	107	1,468
Taylor	38	39	1,235	859	4	14	1,884	1,406	1,330	1,056	177	120	195	572	661
Todd	16	18	351	316			729	814	4,533	4,312	229	323	347	505	715
Trigg	17	8	221	204			1,485	1,464	633	633	296	342	125	112	176
Trimble	10	8	108	94			1,835	2,081	1,001	1,016	8	23	594	1,383	2,680
Union	6	6	39	72			5,813	7,792	3,692	4,520	891	1,290	58	102	50
Warren	20	26	521	557	3	5	2,392	2,293	3,666	3,315	270	310	344	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	1,606	1,248	42	36	8	18	646
Webster	18	14	45	64			651	767	3,260	3,132	203	158	86	136	112
Whitley	330	291	423	407			518	425	4,154	3,105	189	202	69	95	614
Wolfe	849	504	308	260			608	413	1,879	1,285	67	43	275	245	6,584
Woodford			214	323			1,070	1,203	2,671	2,638	1,013	972	25	92	842

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	2,365	4,156	1,637	2,769	14,724	19,606	66,823	112,481	6,075	17,425	85,158
Acadia	252	387	4	7			2	2	158	198	345	443	11	43	204
Ascension	175	175	1	2	10	40	2	4	57	104	2,606	5,673	301	310	8,501
Assumption	150	150			12	40					4,321	9,746	240	518	12,356
Avoyelles	20	15			44	108			176	250	269	431	92	834	1,200
Bienville					1	2	29	26	78	57	59	35	7	11	139
Bossier	400	400			499	791	58	134	44	36	16	16	12	30	456
Caddo	14	15	19	21	293	570	60	75	191	201	103	174	2	8	40
Calcasieu	963	1,016	1	1					229	215	1,223	1,267	321	351	229
Caldwell									12	12	22	26			51
Cameron	102	162							9	12	1	3			
Catahoula	12	23	2	1			18	32	109	128	47	59			148
Claiborne			4	8					189	189	12	12	7	18	1,403
Concordia			1	3					33	36	17	17	385	1,576	1,693
De Soto	30	30							82	124	57	61	1	4	39
East Baton Rouge	197	184					44	104	2,633	3,736	396	463	23	28	160
East Carroll			97	133					304	432	239	294	21	73	176
East Feliciana					2	3	55	57	642	795	587	1,354	174	308	190
Franklin									135	158					125
Grant					60	96	10	15	89	105	40	45	2	7	1
Iberia	491	689			63	142	6	4	547	736	2,403	4,233	1,032	4,123	1,014
Iberville					28	101			160	295	5,715	7,782	499	1,457	5,613
Jackson									24	15	63	77			9
Jefferson	50	50			81	212	201	229	142	326	752	1,555	5	6	
Lafayette	280	578	42	28	10	40	156	335	125	231	2,034	3,805	202	338	89
Lafourche	3	6	214	486	6	12			311	598	6,455	12,303	302	441	4,041
Lincoln	2	2					1	1	178	181	215	179	9	17	342
Livingston	29	45					5	7	82	128	209	245	28	28	14
Madison			20	15	2	6	33	84	404	481	468	848			478
Morehouse	1	2							49	59	60	93			22
Natchitoches	40	40			10	14			533	635	577	588	11	13	79
Orleans					28	33	51	101	67	82	792	1,215	14	96	204
Ouachita					1	3	9	12	113	223	481	709	75	349	78
Plaquemines	139	201							19	28	1,089	1,551			2,014
Pointe Coupee					3	4	30	40	62	86	2,055	3,355	236	1,004	5,801
Rapides	368	477	15	16	937	1,245			1,699	1,988	1,053	1,168	233	677	113
Red River			4	5	25	30	6	12	11	9					8
Richland									37	35			2	5	44
Sabine	3	2			2	5			18	17	4	4	1	1	13
St. Bernard	17	17			40	50	540	918	180	369	618	1,123	7	15	91
St. Charles					30	30					1,997	3,564	26	55	4,195
St. Helena									52	65	66	87	8	13	62
St. James	100	250			30	150	3	3	44	75	4,361	7,908	374	538	8,968
St. John the Baptist	100	158							59	89	1,984	4,518	200	622	5,125
St. Landry	42	74			13	22	40	54	998	1,408	370	597	158	324	799
St. Martin	140	158			3	4			304	503	1,592	1,815	224	691	1,385
St. Mary	740	751	2	2			61	101	85	163	8,410	11,019	121	408	4,173
St. Tammany	10	30			2	2	200	400	267	412	366	488	22	24	93
Tangipahoa	1	1			21	22			1,002	1,245	1,429	1,792	5	27	150
Tensas							6	6	27	29	274	755	217	662	4,489
Terrebonne					20	100			398	439	5,629	8,833	240	761	6,424
Union	5	4					11	13	34	34	88	49			187
Vermilion	75	104							581	753	850	1,872	75	309	198
Vernon									4	3	73	38	20	20	39
Washington	2	1							160	171	97	96			7
Webster	133	81			4	6			34	35	28	34	29	54	15
West Baton Rouge					82	267			50	51	3,444	7,531	79	183	1,203
West Carroll									31	32	60	59	6	20	
West Feliciana									619	816	277	505	13	16	378
Winn					3	6			49	33	25	19	3	9	90

MAINE.

The State	17,874	16,051	4,676	7,754	93	108	6,781	8,963	1,214,124	1,027,258	14,212	20,967	12,494	52,831	2,652
Androscoggin	581	418	745	1,338	2	3	87	144	61,800	53,261	1,292	2,042	1,305	6,573	492
Aroostook	287	247	3	2			3,856	5,212	119,209	133,338	560	658	99	304	21
Cumberland	1,315	1,272	1,078	1,802	12	12	157	168	99,377	68,082	1,501	2,522	1,053	6,913	99
Franklin	428	343	452	780	2	4	306	412	69,336	59,900	287	496	361	1,356	5
Hancock	1,758	1,288	79	113			57	59	32,765	28,532	601	868	344	981	24
Kennebec	422	412	510	967	23	19	234	170	122,903	101,397	1,542	2,256	1,028	5,614	418
Knox	333	294	35	65			1	1	32,465	26,076	278	510	75	151	
Lincoln	557	546	52	78			40	45	45,106	36,143	240	261	78	168	10

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Oxford	5,044	4,519	846	1,385	7	8	354	557	87,062	77,996	2,134	3,249	3,298	10,311	470
Penobscot	1,463	1,428	392	448	1	2	247	365	141,130	130,805	1,505	1,880	1,454	5,808	106
Piscataquis	212	155	34	67	.....	.....	237	409	45,416	39,246	349	573	234	1,092	119
Sagadahoc	971	994	150	205	5	5	9	17	25,907	17,851	389	772	134	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	.....	.....	307	328	92,066	65,690	522	774	274	2,107	237
Washington	974	993	128	173	36	50	33	43	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	4,324	5,376	1,743	2,577	144	182	67,375	70,539	289,849	316,229	7,519	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	24	119	122	.....	.....	343	416	2,919	3,052	133	165	241	228	3,802
Baltimore	162	199	141	189	10	30	6,863	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	183	62	137	.....	.....	10
Caroline	104	92	40	68	.....	.....	2,378	2,933	5,803	5,539	71	146	46	56	6,533
Carroll	412	481	87	122	51	31	7,632	7,512	34,121	38,543	309	390	203	310	3,818
Cecil	.....	.....	168	233	.....	.....	438	380	23,019	22,231	925	784	77	164	1,016
Charles	9	6	111	168	.....	.....	760	736	1,308	1,510	91	154	12	17	33
Dorchester	243	219	74	109	.....	.....	1,790	2,035	2,660	3,312	175	229	117	137	5,515
Frederick	2	1	316	518	12	20	10,043	10,189	37,343	44,257	364	431	424	937	12,733
Garrett	806	797	3	5	.....	.....	219	288	26,186	29,544	20	24	35	147	5
Harford	1,313	2,375	36	61	13	13	5,864	6,008	20,337	20,412	233	318	342	1,036	1,685
Howard	.....	.....	52	73	.....	.....	1,978	2,064	14,439	14,260	44	72	24	36	4,486
Kent	40	40	30	36	33	56	4,751	3,383	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	137	.....	.....	632	772	5,168	6,386	772	993	631	1,420	4,757
Queen Anne	20	34	60	75	.....	.....	2,821	2,739	1,279	1,330	28	36	1	1	1,914
St Mary	8	7	33	36	.....	.....	714	834	1,210	1,596	6	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	2,015	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	180	6,420
Wicomico	62	63	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	28,322	5,327	9,601	96	102	4,065	5,604	529,671	594,677	18,711	35,740	23,635	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	1,283	1,905	1,811	14,184	437
Bristol	1,608	1,530	333	552	7	9	467	645	28,453	31,882	1,995	2,977	1,666	7,748	343
Dukes	302	366	16	21	2	3	7	7	1,424	1,404	159	201	85	148	.....
Essex	11,355	10,944	331	685	40	27	455	567	35,622	41,248	1,102	2,176	2,105	16,433	256
Franklin	279	205	176	343	3	8	180	244	58,289	62,923	848	1,782	1,991	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	380	418	305	723	.....	.....	53	96	55,116	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	1,095	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	17,502	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	1,482	2,717	11	14	871	1,215	118,638	132,944	5,574	10,642	6,046	46,716	609

MICHIGAN.

The State	59,512	69,388	26,463	34,159	1,087	1,366	225,636	264,312	1,926,131	2,167,808	42,643	49,693	47,026	116,488	223,480
Alcona	117	152	11	17	232	243	71	81	7,300	8,057	60	87	51	61	4
Alger	2	3	2	3	.....	.....	55	67	872	1,107	136	162	29	31	1
Allegan	956	1,138	903	1,283	104	130	6,469	7,958	46,778	56,060	531	637	1,296	3,526	963
Alpena	126	182	27	33	3	5	450	501	10,669	11,569	434	491	368	733	3
Antrim	.....	.....	109	130	3	3	1,538	1,751	11,239	11,746	198	163	378	494	1,289
Arenac	11	15	85	79	3	4	212	269	6,151	7,291	120	120	72	365	2
Baraga	12	13	.....	.....	.....	.....	51	69	3,353	3,897	13	13	.....	.....	18
Barry	1,482	1,589	487	609	45	63	8,678	9,504	27,635	32,011	470	655	509	864	2,999
Bay	830	1,101	576	807	17	26	1,534	2,816	21,121	30,688	596	1,069	279	765	283
Benzie	8	12	28	31	.....	.....	407	477	5,266	5,480	22	30	111	193	752
Berrien	951	1,058	1,142	1,514	10	30	6,053	7,494	31,687	38,856	506	775	3,245	4,947	10,012
Branch	855	1,074	354	515	16	24	9,981	11,546	32,673	40,246	456	546	639	1,038	2,460
Calhoun	1,904	2,166	297	381	.....	.....	10,469	12,206	37,461	42,851	246	370	1,191	2,988	6,234
Cass	2,875	3,210	1,702	1,796	8	15	9,241	10,267	21,591	22,110	759	629	558	934	10,852
Charlevoix	29	36	87	113	.....	.....	209	263	12,383	13,631	193	213	155	242	20

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

MICHIGAN—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.
Cheboygan	63	66	75	99	.....	.....	292	470	9,477	11,079	170	224	81	175	15
Chippewa	18	20	4	5	.....	.....	180	345	20,263	28,847	10	14	3	8	.....
Clare	235	306	182	221	1	1	815	1,071	3,206	3,637	95	108	396	409	169
Clinton	668	775	245	378	18	28	10,553	13,270	35,913	45,788	328	587	660	3,578	2,187
Crawford	412	441	121	126	.....	.....	348	386	1,209	1,226	110	161	184	191	169
Delta	534	332	26	26	27	26	48	73	13,010	14,992	310	332	21	118	.....
Dickinson	.....	.....	.....	.....	.....	.....	70	139	2,208	2,829	73	110	38	328	.....
Eaton	391	500	193	279	11	27	5,742	7,223	40,408	52,931	354	531	417	1,667	4,679
Emmet	.....	.....	137	178	.....	.....	709	847	9,105	10,226	669	740	268	1,114	105
Genesee	96	137	186	315	7	12	3,331	3,835	65,232	78,652	295	396	525	935	1,673
Gladwin	7	13	72	92	.....	.....	89	122	5,328	5,717	145	148	46	67	17
Gogebic	104	101	.....	.....	.....	.....	20	20	473	448	25	25	.....	.....	.....
Grand Traverse	78	122	98	121	.....	.....	1,529	1,851	13,660	14,922	355	611	192	435	948
Gratiot	278	244	434	634	6	9	6,627	8,456	41,053	50,423	808	940	643	2,700	5,229
Hillsdale	1,300	1,595	344	554	.....	.....	6,866	8,136	54,592	59,572	532	613	689	1,331	4,429
Houghton	132	129	17	24	.....	.....	85	99	12,239	12,394	154	292	2	7	.....
Huron	110	72	154	200	7	12	6,487	8,007	54,231	59,285	708	931	676	3,062	109
Ingham	2,324	2,829	566	529	5	6	4,393	5,320	41,608	50,551	297	414	487	2,245	3,541
Ionia	143	138	442	649	51	57	11,537	13,743	31,072	39,054	967	1,149	2,848	4,270	9,094
Iosco	126	119	46	58	.....	.....	223	299	7,629	8,882	211	251	58	102	107
Iron	4	5	2	3	.....	.....	2	7	3,012	4,060	32	31	150	350	.....
Isabella	142	188	706	850	10	10	2,902	3,664	20,725	23,631	439	435	662	761	3,618
Jackson	12,114	14,834	719	920	6	5	6,101	5,252	36,027	39,134	470	762	1,389	3,277	14,951
Kalamazoo	692	762	509	558	42	42	6,859	8,256	30,866	35,509	978	1,393	999	2,842	4,233
Kalkaska	14	27	276	280	21	19	335	395	3,955	3,633	703	925	144	303	190
Kent	512	594	1,277	1,678	46	62	6,375	7,142	45,930	52,301	3,374	3,445	3,240	6,422	2,951
Keweenaw	.....	.....	.....	.....	.....	.....	.....	.....	1,040	954	71	90	.....	.....	.....
Lake	98	116	280	308	3	6	464	531	2,668	2,632	219	367	120	229	839
Lapeer	112	139	211	265	21	29	7,315	7,979	47,418	49,078	320	384	347	1,258	1,771
Leelanaw	8	8	17	21	.....	.....	1,490	1,600	11,091	11,549	29	39	72	130	1,428
Lenawee	818	891	443	732	16	35	5,291	5,890	69,291	77,570	979	1,269	1,372	4,275	7,733
Livingston	4,899	6,270	501	603	13	28	1,955	2,018	35,539	32,345	410	378	793	2,761	3,563
Luce	.....	.....	27	42	.....	.....	318	523	1,335	1,977	45	68	46	228	8
Mackinac	10	10	8	11	.....	.....	72	96	5,574	7,794	167	232	25	69	1
Macomb	143	202	363	488	30	31	816	845	43,686	43,764	934	883	718	3,264	4,495
Manistee	124	144	64	69	.....	.....	865	935	9,768	9,933	238	291	390	949	983
Marquette	93	69	30	40	18	29	107	146	9,081	8,671	290	401	12	24	.....
Mason	210	305	84	119	.....	.....	382	447	13,673	15,424	1,110	1,297	134	270	428
Mecosta	751	919	1,014	1,106	.....	.....	1,311	1,303	13,043	12,253	417	320	471	944	1,914
Menominee	708	1,068	87	115	15	20	415	589	16,220	20,253	241	457	487	4,128	6
Midland	74	60	209	283	2	2	1,898	2,361	12,269	15,219	502	705	115	207	94
Missaukee	566	646	315	315	.....	.....	391	512	6,124	6,267	159	207	261	335	157
Monroe	219	176	766	1,250	16	18	1,778	1,920	42,137	45,118	948	926	513	1,787	13,012
Montcalm	2,553	2,059	824	948	6	7	5,970	6,225	28,448	27,140	1,465	1,066	1,050	1,642	2,856
Montmorency	5	6	23	25	.....	.....	255	318	2,791	3,245	11	12	30	116	9
Muskegon	418	451	231	305	103	116	725	931	17,334	19,478	762	838	677	767	5,414
Newaygo	490	641	409	567	3	3	989	971	17,616	16,509	500	415	864	1,028	6,651
Oakland	2,581	3,013	519	624	16	21	1,849	1,709	63,682	55,613	1,180	1,251	978	3,351	5,277
Oceana	116	136	173	202	36	31	537	564	14,758	14,852	411	341	221	567	3,346
Ogemaw	50	54	38	40	.....	.....	932	946	6,482	6,660	9	11	28	58	6
Ontonagon	10	6	7	7	.....	.....	35	47	2,349	2,616	79	91	4	7	.....
Osceola	496	556	509	554	3	7	885	549	14,533	15,453	715	622	1,053	2,372	1,879
Oscoda	124	130	34	36	1	2	317	486	1,389	1,779	94	101	39	39	3
Otsego	9	12	16	20	.....	.....	363	421	5,691	5,608	23	37	46	57	3
Ottawa	1,924	2,018	303	406	5	9	1,566	1,888	37,027	43,445	2,896	3,826	1,879	4,127	4,721
Presque Isle	6	6	7	10	.....	.....	319	361	5,165	5,620	35	50	11	11	2
Roscommon	124	172	4	5	.....	.....	10	21	1,388	1,773	10	16	48	58	30
Saginaw	902	1,444	1,465	2,255	34	42	4,436	5,810	53,478	69,647	1,617	1,815	1,087	4,921	1,761
St. Clair	905	799	369	420	.....	.....	510	529	77,918	75,803	2,352	2,355	2,271	4,810	349
St. Joseph	2,045	2,258	663	660	5	5	9,010	8,379	25,405	21,008	829	699	1,381	1,183	12,848
Sanilac	1	2	87	127	4	5	3,150	3,755	100,196	119,122	653	1,100	1,336	4,078	1,670
Schoolcraft	.....	.....	14	17	.....	.....	16	24	4,740	6,605	25	28	55	111	.....
Shiawassee	843	1,136	404	602	9	12	10,532	12,434	36,462	48,000	906	1,018	297	1,055	2,371
Tuscola	35	41	571	879	.....	.....	6,971	8,480	47,541	58,107	782	986	416	921	1,977
Van Buren	603	649	781	966	2	3	10,923	13,880	29,408	33,716	949	1,073	768	1,309	6,408
Washtenaw	5,588	6,469	566	859	.....	.....	2,863	3,154	54,853	59,178	1,000	1,097	1,605	3,291	30,206
Wayne	72	80	788	1,093	18	35	284	358	48,982	52,202	529	666	1,158	5,600	4,043
Wexford	124	129	538	677	9	11	876	1,180	8,328	8,445	370	392	154	273	912

MINNESOTA.

The State	2,196,623	2,842,234	58,339	93,954	658	1,781	74,669	128,767	754,246	1,114,459	26,304	45,633	46,851	112,500	72,339
Aitkin	5,315	9,414	23	43	.....	.....	56	105	1,127	2,092	177	296	48	107	.....
Anoka	18,997	23,849	42	63	30	70	1,125	1,704	5,872	7,467	111	233	424	1,219	217
Becker	28,105	35,242	1,280	1,854	25	40	252	370	3,624	4,617	188	261	393	1,510	2
Beltrami	8,005	12,242	38	58	.....	.....	2	3	180	315	111	215	87	194	2
Benton	15,070	25 205	23	15	1	1	73	113	570	1,057	4	5	484	818	582

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

MINNESOTA—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.
Bigstone	26,040	35,286	791	1,340	.....	.....	5	9	568	918	93	212	98	239	.....
Blue Earth	21,968	34,853	619	1,266	52	190	5,487	10,110	25,206	33,732	217	575	459	1,341	2,801
Brown	46,560	62,690	436	824	.....	.....	613	982	4,250	6,640	293	705	553	1,269	620
Carlton	1,107	1,575	903	1,014	13	24	224	310	5,147	6,664	613	783	317	388	6
Carver	14,492	25,156	34	59	213	612	683	1,598	12,265	23,318	111	251	111	382	2,057
Cass	5,758	7,973	8	15	.....	.....	8	13	251	431	14	29	40	168	29
Chippewa	32,809	42,778	3,021	5,219	10	30	98	113	7,764	8,415	365	733	153	370	105
Chisago	12,548	19,360	63	136	.....	.....	617	1,090	15,166	26,811	268	475	105	302	168
Clay	86,865	75,149	2,744	3,361	.....	.....	127	197	4,339	4,968	758	1,059	1,454	2,836	2
Cook	.....	.....	1	2	.....	.....	1	1	197	275	16	25	.....	.....	.....
Cottonwood	44,470	48,597	328	502	2	8	74	77	13,551	16,974	524	633	142	444	.....
Crow Wing	10,318	14,180	23	40	4	7	423	680	1,603	2,457	124	196	68	114	404
Dakota	10,280	14,471	672	877	2	3	3,335	4,322	23,699	30,307	192	281	1,183	3,304	289
Dodge	3,845	4,505	247	422	.....	.....	556	998	29,286	47,594	208	253	422	964	197
Douglas	36,354	46,909	532	826	.....	.....	314	411	4,199	5,545	76	176	105	146	481
Faribault	35,158	50,890	1,214	2,456	12	13	2,337	4,356	13,618	19,780	1,137	2,276	2,533	4,447	859
Fillmore	1,355	1,831	260	467	.....	.....	2,689	4,687	44,152	65,653	407	713	1,322	2,377	338
Freeborn	43,561	55,953	556	1,108	20	90	2,715	5,436	30,724	54,777	1,035	2,299	3,027	9,777	703
Goodhue	6,813	8,097	647	1,000	.....	.....	8,040	14,128	40,034	62,615	479	654	953	1,738	3,089
Grant	32,003	39,043	2,167	3,127	.....	.....	71	93	1,406	1,764	44	83	74	212	20
Hennepin	21,705	35,379	692	1,286	30	98	1,759	3,367	24,177	33,388	2,971	5,334	2,268	7,508	3,353
Houston	4,013	6,492	325	540	.....	.....	2,983	4,861	29,211	43,590	287	525	298	966	121
Hubbard	1,417	2,063	16	22	.....	.....	48	95	786	899	35	53	82	189	35
Isanti	21,127	29,616	51	67	.....	.....	164	280	2,223	3,303	37	50	47	113	466
Itasca	432	590	13	18	.....	.....	62	109	686	1,137	197	350	42	87	5
Jackson	38,463	50,383	1,236	2,256	.....	.....	123	194	14,382	17,208	372	566	386	704	202
Kanabec	3,259	5,225	5	6	.....	.....	136	200	2,361	3,901	72	171	362	2,410	.....
Kandiyohi	72,774	97,457	394	731	.....	.....	278	453	2,547	3,547	100	186	435	958	251
Kittson	35,143	34,417	155	212	.....	.....	.....	.....	315	381	185	310	101	118	.....
Lac qui Parle	25,332	36,298	3,744	7,369	4	14	17	29	9,903	15,810	116	285	204	497	647
Lake	38	48	.....	.....	.....	.....	1	1	139	188	.....	.....	.....	.....	.....
Lesueur	14,165	28,047	299	629	.....	.....	682	1,653	6,992	14,424	30	59	97	205	12,740
Lincoln	22,851	31,559	443	649	.....	.....	35	30	2,648	3,650	281	432	575	1,267	49
Lyon	38,486	49,394	453	819	.....	.....	37	77	3,903	5,573	219	502	1,508	3,177	2,005
McLeod	41,172	59,731	55	86	5	17	434	809	4,986	8,143	63	119	134	625	38
Marshall	62,276	69,958	1,123	1,657	.....	.....	.....	.....	1,806	2,285	324	520	44	152	.....
Martin	40,794	52,105	1,520	2,873	72	224	737	1,326	10,689	14,924	336	752	1,055	3,298	1,042
Meeker	39,172	59,827	131	183	.....	.....	524	850	11,592	18,795	65	159	1,093	2,109	452
Millelacs	7,676	11,839	16	21	.....	.....	268	533	3,568	5,286	93	127	5	19	40
Morrison	22,415	33,016	24	31	1	2	92	152	2,306	3,388	34	66	98	124	637
Mower	5,212	5,811	148	217	.....	.....	1,048	1,832	42,406	66,075	348	529	2,635	5,695	357
Murray	31,593	43,230	413	745	.....	.....	53	66	9,874	15,183	401	615	268	571	100
Nicollet	40,817	57,119	333	732	25	50	494	814	5,410	8,699	147	269	1,061	1,244	10,807
Nobles	36,370	42,025	327	1,353	.....	.....	198	245	20,401	20,693	589	621	652	902	365
Norman	51,460	51,651	2,176	2,842	.....	.....	95	194	4,363	5,497	1,197	1,719	650	837	.....
Olmsted	3,194	4,972	409	824	.....	.....	2,437	3,829	26,960	40,941	2,385	4,172	2,221	4,952	2,050
Ottertail	72,182	85,225	4,055	6,142	1	2	368	585	11,427	12,045	655	1,151	1,414	2,155	3,809
Pine	6,868	11,412	12	13	13	24	1,262	2,016	3,810	6,411	101	146	101	172	11
Pipestone	10,093	12,141	2,251	3,418	.....	.....	142	144	3,826	3,798	66	111	353	685	406
Polk	100,412	107,580	7,404	10,981	.....	.....	330	329	9,480	12,110	2,547	3,803	927	2,975	18
Pope	54,410	64,149	415	549	5	10	88	160	3,847	4,895	183	344	288	554	605
Ramsey	3,277	4,222	146	278	.....	.....	380	614	9,614	13,628	506	855	1,812	4,290	10
Red Lake	30,784	34,411	108	134	.....	.....	157	180	2,227	2,286	76	121	33	81	.....
Redwood	48,192	67,554	445	711	.....	.....	35	87	4,612	6,875	188	405	1,082	3,202	583
Renville	71,778	88,837	1,162	2,028	.....	.....	56	68	3,277	4,358	463	860	1,750	3,031	73
Rice	21,567	34,121	543	939	28	70	2,785	5,305	16,316	27,488	190	368	1,204	3,185	2,507
Rock	17,377	21,479	2,524	4,771	.....	.....	1,669	2,663	3,933	5,091	274	520	350	918	.....
Roseau	29,828	35,702	4	4	.....	.....	.....	.....	58	111	10	24	2	4	.....
St. Louis	1,182	1,699	21	27	7	10	27	75	4,765	5,641	300	438	48	70	.....
Scott	14,968	26,638	57	130	.....	.....	960	1,965	6,968	13,694	35	106	57	151	10
Sherburne	17,531	27,040	.....	.....	.....	.....	323	442	1,594	1,881	83	107	140	390	337
Sibley	43,930	56,635	200	384	.....	.....	52	67	9,643	10,476	91	155	551	700	894
Stearns	73,409	97,800	648	1,008	11	22	424	574	6,317	8,680	111	213	436	795	2,622
Steele	20,069	29,596	93	241	.....	.....	3,020	6,383	19,293	34,178	88	181	617	2,548	357
Stevens	35,015	46,076	620	844	.....	.....	45	56	1,404	2,014	136	177	660	1,414	10
Swift	50,799	67,182	1,200	1,959	15	25	66	42	719	1,014	110	242	739	1,518	10
Todd	29,136	43,509	102	170	5	15	406	611	1,939	2,887	36	25	100	172	866
Traverse	31,137	30,056	731	734	.....	.....	15	35	703	669	60	121	214	501	.....
Wabasha	2,929	5,342	258	484	.....	.....	4,624	7,474	15,680	24,265	155	250	239	581	881
Wadena	9,892	13,497	52	67	.....	.....	45	78	584	643	130	188	65	151	401
Waseca	25,349	36,567	332	653	22	39	2,518	4,865	7,554	12,384	101	210	883	2,272	1,151
Washington	5,400	8,226	117	161	15	40	2,947	4,494	24,002	30,867	76	133	348	971	3,762
Watonwan	24,035	33,010	251	480	11	22	322	637	6,332	10,338	445	1,152	761	2,351	158
Wilkin	37,632	35,457	1,433	1,848	.....	.....	28	34	1,138	1,226	42	72	367	824	5
Winona	3,003	4,872	217	369	.....	.....	7,601	11,619	22,412	29,866	268	560	258	1,065	1,164
Wright	30,724	56,900	53	119	4	9	1,238	2,631	8,295	15,949	106	184	288	461	2,456
Yellow Medicine	36,762	52,418	1,108	2,040	.....	.....	101	113	9,509	11,564	223	549	393	920	.....
Red Lake[1]	1,295	2,230	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
White Earth[1]	6,452	7,092	.....	.....	.....	.....	.....	.....	32	30	.....	.....	.....	.....	.....
Winnibigoshish[1]	54	50	4	6	.....	.....	5	6	4	4	.....	.....	.....	.....	.....

[1] Indian reservation.

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
The State	6,753	7,965	1,397	2,369	99	201	2,940	3,500	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	367	365	61	75			19	20	499	557	1,248	1,558	28	36	756
Amite	4	3					36	42	191	212	588	793	111	167	334
Attala	166	185					10	5	220	231	979	1,317	52	69	103
Benton	2	1	8	11			17	19	205	106	699	739	51	51	16
Bolivar	5	4	275	655			16	10	386	728	625	1,125	39	115	134
Calhoun	11	6	21	27					504	596	1,482	1,981	40	32	46
Carroll	107	98	1	1			85	117	469	635	760	1,193	232	332	73
Chickasaw	40	38	125	161	1	1	55	55	2,916	3,377	726	903	9	7	604
Choctaw	127	164							85	141	350	427	99	91	311
Claiborne							2	2	360	538	136	212	1	4	74
Clarke	141	146							247	214	528	681	123	122	587
Clay	43	36	22	23	19	24	60	106	624	819	982	1,372	31	63	801
Coahoma			107	169	28	56	41	82	367	486	991	1,840	84	398	506
Copiah							10	13	459	553	828	1,204	32	30	241
Covington	6	7							17	17	221	216	43	46	327
De Soto	44	45	102	182			22	20	332	376	1,193	1,416	331	120	791
Franklin									57	84	324	388	96	111	421
Greene							4	5	1	1	255	315			78
Grenada	139	157	3	3					447	659	932	1,430	103	164	116
Hancock	1	1					40	54	256	353	89	84	134	181	1
Harrison	8	8					334	236	537	614	416	473			143
Hinds	221	259	18	15	10	15	144	206	679	962	1,143	2,366	79	136	267
Holmes	70	87							462	853	705	1,061	205	303	223
Issaquena	20	20	18	13			55	265	212	415	162	336	21	32	48
Itawamba	12	11	5	8					38	57	478	678	23	11	516
Jackson	1	1					1,042	767	525	617	73	97	184	172	
Jasper	446	488							96	90	595	630	50	40	501
Jefferson	238	274					66	100	334	377	356	541	37	37	173
Jones	2	2					10	6	27	28	289	217	13	6	278
Kemper									111	158	381	455	14	11	821
Lafayette	344	449	13	28			5	8	258	453	2,420	3,404	180	465	792
Lauderdale	62	62	4	6			2	3	255	297	362	410	5	4	1,397
Lawrence							3	3	109	109	919	985	67	38	1,315
Leake									40	49	485	642	21	33	581
Lee	34	34	5	7	2	2	9	9	923	997	1,842	2,117	133	168	953
Leflore			1	1					68	71	326	568	101	654	328
Lincoln			2	5			2	4	541	647	484	562	32	109	319
Lowndes	25	38	15	30			75	140	3,309	3,367	704	1,201	160	86	1,624
Madison	559	612	23	33			310	327	1,374	1,449	1,223	1,540	187	234	229
Marion									149	154	191	199	63	29	401
Marshall	58	49	20	40			13	21	409	602	2,155	2,581	299	438	622
Monroe	745	807	27	22			38	38	2,168	2,696	2,153	2,196	199	180	3,690
Montgomery	62	60	10	15			5	5	152	181	585	708	85	57	180
Neshoba									36	58	167	199			1,116
Newton	146	180					2	2	163	200	815	1,024	25	11	1,389
Noxubee	236	241	12	16			50	30	706	960	504	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	1,530	1,774	661	770	56	71	583
Pearl River							13	15	528	629	2	1			
Perry	4	4							5	5	226	180	27	19	72
Pike	20	30					2	3	610	704	465	535	30	46	462
Pontotoc	16	28	10	11			6	5	1,008	1,512	126	207	101	113	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			43	69	672	830	468	649	33	62	498
Scott	9	12			13	49			127	118	410	531			293
Sharkey			6	12					83	84	253	496	5	3	239
Simpson	17	20	1	1			31	50	113	128	457	483	35	26	217
Smith									404	445	255	261	12	38	18
Sunflower	10	4	15	21					21	21	319	483	7	15	32
Tallahatchie	89	95			16	28			308	393	460	635			147
Tate	9	10	7	12					110	132	954	1,247	3	5	275
Tippah									406	518	630	841	11	15	269
Tishomingo	123	133	2	4					118	125	128	111			192
Tunica	84	132	19	30	4	15	41	133	159	302	352	560	111	177	152
Union	43	90	5	4			4	5	107	144	614	913	50	157	514
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	135	289	365
Wayne	129	122					12	22	41	38	44	73			214
Webster	194	218	1	1					393	549	557	802	4	5	227
Wilkinson					4	8	12	24	341	407	236	316	64	209	142
Winston							1	1	123	144	247	223			1,529
Yalobusha							1	1	427	493	1,260	1,581	89	177	155
Yazoo	140	132	33	34			44	51	1,026	1,132	1,184	1,721	87	181	628

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
The State	167,959	196,288	166,709	230,995	2,239	5,409	377,228	493,364	2,563,365	2,829,485	124,515	151,967	79,491	154,691	264,697
Adair	243	330	6,406	7,076	.....	.....	330	293	58,708	54,650	651	558	478	696	918
Andrew	622	1,126	1,877	3,959	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	11,196	18,335	148	203	1,521	2,213	752
Audrain	39	39	2,075	2,169	.....	.....	381	360	53,880	46,956	907	953	702	1,250	1,806
Barry	102	102	90	127	11	29	3,057	3,783	8,020	8,234	1,988	2,218	787	865	4,637
Barton	29,833	30,409	1,585	2,207	.....	.....	179	201	23,212	21,621	1,482	1,980	3,295	7,256	1,346
Bates	10,978	10,741	1,309	2,320	13	33	3,369	4,083	58,345	61,684	2,101	3,143	2,463	4,790	8,096
Benton	4,746	4,715	2,110	2,827	6	10	1,619	2,000	19,629	22,430	1,359	1,724	2,388	4,593	6,842
Bollinger	49	38	304	401	3	7	3,942	3,634	5,587	6,601	1,400	1,481	91	146	441
Boone	75	90	1,259	1,272	32	39	10,689	12,634	34,659	36,066	1,588	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	4,692	4,626	799	925	48	85	1,178
Caldwell	105	124	3,487	5,944	.....	.....	6,910	8,337	27,232	36,326	4,298	6,460	3,146	6,562	2,064
Callaway	26	40	296	398	19	23	5,246	5,384	43,759	44,930	1,660	1,819	474	1,233	2,219
Camden	173	170	685	689	1	2	646	697	9,610	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	2,979	296	439	875
Carroll	1,834	2,167	1,916	3,693	33	56	3,958	4,993	40,266	47,639	2,306	3,290	640	1,472	1,257
Carter	12	14	757	650	.....	.....	503	483	1,099	1,016	141	168	24	40	55
Cass	2,188	2,643	1,128	1,895	34	123	13,051	15,129	43,962	50,698	783	1,190	2,222	6,143	2,896
Cedar	2,162	2,681	828	1,087	.....	.....	357	449	15,502	17,861	449	806	1,253	1,879	1,014
Chariton	1,604	1,910	1,804	2,567	30	90	4,874	6,087	43,263	52,269	4,162	4,866	1,496	3,236	149
Christian	3	2	80	97	.....	.....	4,074	4,949	8,076	7,728	1,505	1,760	42	106	2,319
Clark	475	623	3,323	4,186	.....	.....	593	483	39,222	43,297	4,475	4,876	266	365	876
Clay	25	28	1,393	2,527	.....	.....	5,590	8,496	12,885	17,180	332	851	259	732	50
Clinton	218	314	1,241	2,111	.....	.....	9,111	12,379	24,682	30,560	467	678	1,538	3,518	4,413
Cole	2	2	51	65	4	6	4,328	5,101	12,468	17,124	235	240	293	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	11,825	105	149	71	126	123
Dade	2,013	2,091	515	568	.....	.....	467	586	14,965	15,017	590	664	430	718	915
Dallas	231	198	1,082	849	.....	.....	1,215	1,210	14,945	13,982	1,472	705	448	630	2,896
Daviess	909	1,330	5,896	9,505	16	23	4,885	6,095	43,890	53,793	711	907	1,040	1,752	1,965
Dekalb	3,510	2,477	3,384	5,292	10	15	3,367	4,613	32,103	40,461	2,393	3,660	386	1,196	158
Dent	.....	.....	87	92	.....	.....	1,310	1,514	14,581	12,741	133	134	21	13	1,708
Douglas	24	23	154	170	5	4	1,104	1,047	11,597	9,169	218	167	173	215	2,819
Dunklin	66	60	251	284	66	104	317	568	3,258	4,593	950	1,649	226	511	606
Franklin	9	9	148	162	51	229	7,352	8,668	15,341	18,987	743	719	302	355	20,346
Gasconade	1,056	736	59	43	.....	.....	3,540	4,037	8,461	9,941	401	195	6	19	817
Gentry	3,387	3,351	5,806	9,917	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	8,340	12,026	63	149	258	291	66,307	74,653	4,348	5,444	1,009	1,316	3,598
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	696	745	1,266	1,226	1	2	367	592	13,878	14,588	254	272	413	688	3,247
Holt	2,506	5,126	801	1,680	335	906	2,178	3,627	7,025	12,508	479	718	889	2,394	969
Howard	.....	.....	367	540	.....	.....	11,654	13,659	13,959	16,249	731	682	533	1,576	1,915
Howell	269	234	326	297	.....	.....	2,267	2,592	9,555	9,483	442	459	357	467	2,859
Iron	68	57	290	351	.....	.....	795	905	7,424	7,533	70	100	105	164	160
Jackson	583	763	1,152	2,560	260	983	16,307	33,407	19,874	28,864	893	1,855	3,953	12,242	494
Jasper	11,905	13,002	714	1,010	3	8	751	756	13,780	14,772	459	554	2,465	6,324	638
Jefferson	28	35	365	391	26	55	6,132	6,472	11,346	11,665	1,747	1,970	550	1,312	2,691
Johnson	1,200	1,730	1,202	1,822	7	14	12,847	14,293	36,384	43,943	1,343	2,110	3,193	5,665	1,802
Knox	729	628	5,607	6,730	.....	.....	97	119	52,251	49,967	389	348	102	183	142
Laclede	121	98	375	348	7	7	2,502	2,524	19,467	18,334	701	790	1,063	1,280	3,550
Lafayette	164	244	501	945	74	167	13,844	22,939	18,267	26,673	534	721	1,922	2,066	14,366
Lawrence	1,489	1,469	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	41,896	38,474	1,366	1,208	646	456	232
Lincoln	526	548	153	155	.....	.....	1,753	1,648	18,125	20,181	725	939	207	355	1,456
Linn	1,204	1,699	3,293	4,705	56	68	695	731	76,308	76,758	789	1,339	847	1,938	2,946
Livingston	3,282	4,461	1,357	2,183	.....	.....	2,393	2,980	44,175	53,858	398	504	2,336	5,020	1,284
McDonald	184	239	387	551	.....	.....	2,700	4,028	5,111	6,643	74	88	434	800	1,337
Macon	948	1,482	4,665	5,687	1	1	690	859	71,330	74,719	5,902	5,909	755	1,779	2,282
Madison	8	7	344	436	6	10	3,235	4,009	6,540	6,943	583	613	74	93	110
Maries	63	64	70	52	.....	.....	1,325	1,206	9,837	8,836	730	471	230	227	7,871
Marion	2,807	3,316	522	623	.....	.....	4,394	6,041	24,365	27,256	459	596	263	311	4,096
Mercer	805	1,139	7,616	10,133	.....	.....	807	837	47,385	53,349	2,367	3,311	474	563	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	2,102	1,284	1,416	35	99	.....
Moniteau	103	101	978	1,059	10	5	5,175	5,329	18,001	19,690	928	986	341	442	1,559
Monroe	65	67	2,809	3,568	.....	.....	1,126	1,266	48,233	49,440	962	877	1,039	1,741	357
Montgomery	4,076	3,496	716	662	.....	.....	1,301	1,314	24,783	24,442	425	596	409	459	6,141
Morgan	1,068	1,058	3,090	4,279	.....	.....	1,439	1,617	17,909	19,511	649	715	433	830	280
New Madrid	179	172	42	64	75	150	838	1,243	1,069	1,396	635	687	25	175	117
Newton	11,266	13,041	204	249	.....	.....	3,177	4,573	6,389	8,104	591	703	621	881	397
Nodaway	4,951	7,744	5,315	10,815	.....	.....	6,105	10,391	43,272	70,467	1,305	2,164	506	1,249	743
Oregon	82	103	281	273	10	17	1,167	1,294	3,155	2,622	257	232	314	343	1,345
Osage	.....	.....	35	60	.....	.....	3,033	2,805	11,060	11,468	106	128	6	6	2
Ozark	.....	.....	334	278	2	3	580	563	2,558	2,375	103	77	90	96	1,198
Pemiscot	3	4	256	551	435	1,165	297	467	218	303	169	278	12	21	7
Perry	37	35	307	337	6	20	5,168	6,826	3,721	5,542	1,667	2,776	357	513	2,522
Pettis	5,934	5,392	2,361	3,335	20	30	6,139	7,925	34,399	37,251	1,128	1,570	1,736	4,476	6,012

TABLE 10.—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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Phelps	112	97	244	247	16	10	762	804	14,810	14,832	247	234	62	123	576
Pike	480	410	592	699	.....	.....	1,957	2,361	36,769	37,219	1,742	2,119	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	1,155	1,124	1,764	1,838	1	2	1,470	1,654	25,670	27,568	295	353	339	638	1,117
Pulaski	.....	.....	373	430	.....	.....	554	574	10,584	9,480	68	75	212	242	439
Putnam	811	923	2,789	3,075	.....	.....	126	125	63,570	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	595	1,576	154
Ray	1,223	1,250	1,867	2,706	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	.....	.....	1,039	913	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	835	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	292	403	15	28	10,963	15,142	13,689	16,539	6,631	7,767	479	537	6,523
St. Louis city	1	2	178	121	25	50	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	5,663
Schuyler	458	534	2,893	3,274	7	14	179	232	33,093	35,639	504	468	351	734	276
Scotland	471	505	3,232	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	3,604	1,935	2,309	199	187	37
Shannon	5	5	277	266	.....	.....	901	1,041	3,890	3,522	136	173	123	201	5,781
Shelby	661	662	5,097	5,868	5	5	210	256	43,538	43,295	3,076	3,307	1,946	2,326	2,725
Stoddard	13	11	376	430	7	7	3,398	4,398	4,161	5,223	2,612	3,366	156	213	55
Stone	11	8	86	114	3	4	3,306	4,009	2,629	3,025	75	77	49	76	22
Sullivan	1,292	1,644	5,373	7,650	.....	.....	1,427	1,780	83,185	91,115	2,564	2,654	1,660	2,109	1,715
Taney	5	3	224	244	4	5	776	825	2,262	2,325	36	56	243	367	3,082
Texas	15	11	121	121	1	2	2,300	2,211	20,674	17,904	1,411	1,189	686	522	4,229
Vernon	17,831	20,841	1,461	2,254	28	36	1,856	2,204	52,490	52,322	764	1,164	2,202	4,095	8,061
Warren	36	28	181	153	.....	.....	1,774	2,079	7,628	7,080	524	541	27	51	42
Washington	15	15	869	1,214	.....	.....	2,743	2,878	8,021	8,770	519	480	189	244	2,851
Wayne	38	31	1,981	1,951	5	5	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	344	875	1,042	6,183
Worth	1,203	1,764	2,053	3,459	.....	.....	323	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	1,623	1,317	258	223	4,200

MONTANA.

The State	567,587	545,841	3,690	4,705	68,959	186,498	12,498	22,630	180,178	237,950	40,374	57,837	2,426	3,807	93
Beaverhead	77,712	70,765	300	593	5,950	14,076	52	68	10,994	11,498	286	396	40	35	.....
Broadwater	14,276	13,341	15	50	2,649	7,241	707	998	2,812	3,083	437	657	.....	.....	.....
Carbon	10,908	10,561	2,696	3,132	6,176	19,457	496	818	2,629	4,143	2,271	3,772	61	177	.....
Cascade	45,102	37,012	150	191	1,068	2,376	51	63	17,129	18,765	6,032	7,689	137	125	.....
Choteau	48,395	48,388	.....	.....	1,493	3,621	42	63	2,434	3,365	2,910	5,037	100	127	.....
Custer	47,043	41,739	119	150	5,230	12,287	65	87	1,136	1,448	1,883	2,745	54	141	73
Dawson	19,919	20,808	58	68	10	20	.....	.....	100	200	209	358	38	76	.....
Deerlodge	18,550	21,853	18	60	2,239	5,496	706	1,190	30,408	39,282	1,603	2,244	206	332	.....
Fergus	41,351	44,449	155	150	3,101	7,896	335	505	17,381	20,501	3,600	5,605	147	234	.....
Flathead	3,817	4,252	.....	.....	16	67	17	36	6,820	9,046	3,546	4,962	139	222	.....
Gallatin	17,894	18,838	.....	.....	2,297	7,079	1,223	2,707	8,992	13,200	1,583	2,235	254	459	.....
Granite	8,519	9,788	.....	.....	81	240	2	4	6,312	8,051	1,325	1,623	55	121	.....
Jefferson	11,337	11,119	.....	.....	876	2,481	180	215	1,704	2,592	642	965	20	35	.....
Lewis and Clarke	24,033	22,100	.....	.....	4,044	8,237	915	1,500	5,390	7,662	1,714	2,168	306	371	.....
Madison	33,406	29,049	30	30	7,751	18,368	423	848	9,324	13,922	2,086	3,053	33	67	.....
Meagher	30,372	32,515	.....	.....	1,060	2,737	51	112	4,278	6,123	393	829	.....	.....	.....
Missoula	424	461	5	11	249	570	1,130	1,877	9,945	13,661	3,866	4,736	270	303	.....
Park	7,753	7,968	30	80	3,763	9,712	129	192	8,757	10,669	1,402	2,225	57	93	.....
Ravalli	2,868	3,440	.....	.....	644	1,487	5,720	10,872	19,875	34,079	1,251	1,495	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	19,554	.....	.....	3,181	3,548	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	57	96	30	75	.....	.....	366	348	16	35	.....	.....	.....
Yellowstone	12,358	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	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crow[1]	6,000	4,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flathead[1]	3,702	4,287	.....	.....	15	60	12	12	2,378	3,918	808	1,176	170	410	.....
Fort Peck[1]	3,036	3,184	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Northern Cheyenne[1]	652	866	.....	.....	522	1,394	.....	.....	.....	.....	53	120	.....	.....	.....

NEBRASKA.

The State	2,248,927	2,416,468	191,347	357,356	115,142	275,334	42,447	72,747	92,895	143,109	42,066	54,269	90,828	183,097	15,115
Adams	10,214	9,149	1,922	3,939	2,071	4,634	270	271	696	575	353	721	1,467	3,739	1,041
Antelope	56,681	55,195	3,291	5,950	483	1,276	267	439	232	284	34	94	125	428	352
Banner	8,138	4,250	1,368	1,123	374	358	.....	.....	99	160	1,961	1,679	836	668	22
Blaine	7,362	7,941	761	1,093	19	40	39	52	2	4	40	70	14	29	324
Boone	27,886	25,122	5,136	10,637	626	830	240	283	207	407	70	110	292	844	49

[1] Indian reservation.

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.	Tons.
Boxbutte	18,709	13,660	4,595	5,200	106	180	.....	.....	8	10	609	451	4,948	4,930	539
Boyd	21,581	22,112	1,973	3,259	28	48	.....	.....	48	90	.....	.....	4	20	.....
Brown	28,583	20,296	2,871	3,451	.....	.....	15	8	14	22	549	1,101	259	379	.....
Buffalo	35,582	36,873	2,194	3,732	7,444	17,486	37	60	129	182	523	612	1,490	3,583	624
Burt	30,857	51,537	1,686	3,899	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	333	827	1,762	3,110	4,502	7,577	128	223	436	864	2
Cass	14,371	18,225	1,056	2,210	212	552	1,589	2,700	2,427	4,036	250	349	228	670	69
Cedar	42,168	54,817	2,876	6,482	332	938	215	458	1,330	2,960	172	339	469	1,296	52
Chase	9,883	10,539	2,386	2,989	524	1,105	43	85	117	121	351	264	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	283	351	2,665	2,395	449	704	85
Clay	16,622	12,813	1,384	2,657	1,356	2,426	686	894	4,097	3,849	180	304	578	1,067	.....
Colfax	37,186	50,522	1,342	3,242	359	625	296	449	881	1,163	42	86	890	1,558	.....
Cuming	41,819	57,532	3,540	8,544	84	215	416	646	1,447	2,531	151	168	5,493	6,489	.....
Custer	53,821	52,475	6,235	8,719	1,523	3,260	5	5	60	60	2,170	1,833	1,413	2,522	469
Dakota	8,188	12,735	2,749	7,464	51	114	24	43	259	450	134	364	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	25,683	22,375	1,763	2,747	7,766	18,875	14	18	5	9	307	189	405	1,099	410
Deuel	43,757	52,162	2,031	2,919	2,078	3,605	8	30	10	15	1,857	2,035	301	363	41
Dixon	22,800	36,377	3,406	8,355	111	184	89	139	425	783	36	61	199	1,013	10
Dodge	40,871	69,504	2,572	6,543	129	295	2,485	5,333	3,435	6,407	1,462	3,008	1,418	3,816	1,672
Douglas	14,233	20,121	3,010	7,143	276	920	1,145	3,280	4,419	8,727	379	767	351	919	45
Dundy	5,591	5,579	675	762	3,117	5,942	.....	.....	222	333	17	28	1,768	2,394	.....
Fillmore	16,712	13,302	1,281	2,373	1,184	2,364	773	930	2,318	2,774	609	1,244	3,879	5,002	382
Franklin	18,886	17,614	1,198	2,185	3,455	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	11,459	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	2,538	2,662	7,127	975
Garfield	7,968	9,453	345	603	15	28	4	10	2	2	13	20	136	272	.....
Gosper	8,254	6,452	1,897	2,782	690	1,046	.....	.....	12	11	536	449	1,099	3,061	.....
Grant	25,431	42,827	14	30	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greeley	12,852	12,145	2,045	3,549	167	318	1	2	14	16	25	12	269	338	.....
Hall	34,961	36,123	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	2,073	2,640	209	543	675	1,753	160
Harlan	14,568	12,570	2,274	3,772	7,617	23,990	17	55	108	191	1,040	2,663	2,424	4,889	43
Hayes	4,529	3,882	1,548	1,832	603	1,477	4	7	81	85	254	199	1,707	2,388	.....
Hitchcock	4,342	4,021	1,253	1,221	1,345	2,127	9	12	392	428	176	104	2,582	3,842	64
Holt	149,812	150,151	2,954	3,904	106	253	10	14	436	361	229	371	1,120	1,337	30
Hooker	4,274	3,549	5	10	.....	.....	.....	.....	.....	.....	.....	.....	145	335	.....
Howard	25,685	23,439	2,125	4,018	276	602	6	8	13	34	21	26	115	315	20
Jefferson	18,088	21,628	6,612	14,049	642	1,651	238	437	422	650	270	597	825	2,116	.....
Johnson	13,163	15,064	3,263	7,555	908	2,066	1,421	2,321	1,744	2,588	129	293	770	1,998	243
Kearney	18,260	14,447	947	1,696	1,563	3,547	10	15	343	401	151	383	1,243	3,233	118
Keith	27,118	27,664	1,068	1,335	1,619	4,167	128	304	23	21	321	339	267	826	5
Keyapaha	21,774	21,387	1,937	2,604	35	89	1	1	.....	.....	34	39	163	354	.....
Kimball	3,412	3,548	491	518	821	2,793	.....	.....	22	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	3,563	1,685	2,543	357	743	2,075	5,768	193
Lincoln	65,389	54,701	1,672	2,269	3,664	7,472	184	221	37	56	603	529	915	1,155	58
Logan	12,122	12,011	266	349	17	33	.....	.....	.....	.....	104	101	185	170	229
Loup	6,066	6,009	630	680	199	226	2	5	13	21	16	9	151	242	.....
McPherson	12,880	13,293	75	82	65	156	.....	.....	.....	.....	.....	.....	.....	.....	.....
Madison	28,577	35,459	4,171	8,821	419	1,084	333	507	1,377	2,241	101	185	219	577	.....
Merrick	63,478	70,422	631	1,293	805	2,224	579	950	417	457	155	214	378	1,682	497
Nance	15,241	18,644	3,628	8,501	421	903	116	142	424	497	52	106	1,275	2,884	243
Nemaha	6,151	10,645	991	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	43	37	847	948	136	261	1,306	3,961	.....
Otoe	18,421	28,826	2,958	7,282	295	774	2,991	4,512	4,134	6,192	227	512	804	1,897	80
Pawnee	20,593	24,550	1,348	3,226	168	472	971	1,603	2,249	2,971	183	382	1,692	4,769	529
Perkins	6,647	5,413	1,633	1,419	10	22	.....	.....	.....	.....	222	131	503	608	415
Phelps	11,704	9,388	3,048	5,058	954	2,366	.....	.....	136	99	254	329	355	758	.....
Pierce	26,474	32,845	1,982	4,119	167	340	828	1,167	828	1,492	55	100	159	372	25
Platte	21,720	20,250	5,472	13,237	820	2,534	145	231	966	1,520	258	900	1,125	4,155	.....
Polk	20,278	22,094	939	2,390	628	1,549	1,445	2,453	1,756	2,716	110	110	1,143	3,555	1,042
Redwillow	7,570	6,073	2,390	2,642	8,047	15,325	3	4	4	8	1,053	1,287	3,089	5,564	3
Richardson	17,966	28,933	784	1,778	939	2,702	2,869	5,122	9,719	17,526	593	1,098	791	3,050	52
Rock	67,399	59,603	766	1,133	4	8	.....	.....	27	69	199	242	110	305	.....
Saline	18,208	18,514	3,175	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	4,520	397	973	919	1,494	1,728	2,603	177	354	440	815	.....
Saunders	39,295	55,847	1,695	4,738	67	246	1,400	2,649	3,622	6,275	250	500	2,979	10,098	316
Scotts Bluff	15,833	15,262	76	97	8,189	23,050	10	15	2	4	167	191	28	40	.....
Seward	10,454	11,483	1,535	3,296	389	1,090	3,196	5,004	2,897	4,215	266	655	353	1,112	195
Sheridan	70,198	65,811	5,023	5,569	545	902	.....	.....	8	13	2,672	2,463	2,920	3,471	16
Sherman	17,589	17,917	970	1,615	162	508	.....	.....	4	8	436	368	92	117	.....
Sioux	14,343	11,118	333	221	597	1,264	2	6	200	295	2,023	1,950	1,236	1,192	144
Stanton	27,992	30,336	2,962	6,339	1,629	4,547	293	439	496	824	27	62	35	75	.....
Thayer	18,506	17,524	2,401	4,966	951	2,106	417	822	465	715	516	1,115	2,332	5,996	30
Thomas	12,167	8,230	182	287	11	54	6	19	8	12	.....	.....	160	205	.....
Thurston	7,418	12,052	782	1,868	13	19	33	74	71	142	34	40	66	308	.....
Valley	16,918	13,504	2,430	3,397	981	2,867	4	8	110	125	325	361	385	881	255

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.	Tons.
Washington	11,886	18,590	1,698	4,112	462	1,199	857	1,584	2,065	3,650	380	1,008	184	445	71
Wayne	11,727	18,480	4,603	9,767	179	504	490	1,190	5,196	8,756	88	158	455	1,977	7
Webster	23,460	21,757	2,264	4,676	3,402	7,863	112	126	85	130	845	1,833	667	1,588	37
Wheeler	19,970	20,642	349	521	76	138	.....	.....	.....	.....	23	54	258	480	.....
York	14,576	12,398	1,537	2,906	1,023	2,630	860	1,306	5,701	7,509	215	406	496	1,421	27

NEVADA.

The State	165,059	159,400	84	132	96,725	224,331	1,021	1,824	26,957	30,778	2,152	3,703	136	144	.....
Churchill	3,715	3,205	.....	.....	5,995	13,992	.....	.....	20	20	569	1,114	.....	.....	.....
Douglas	3,480	3,374	.....	.....	7,453	16,851	372	468	3,493	3,990	.....	.....	75	64	.....
Elko	70,346	63,622	40	30	15,572	25,173	389	465	17,215	18,669	158	181	.....	.....	.....
Esmeralda	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	43,842	5	2	23,562	57,988	.....	.....	78	85	758	1,517	.....	.....	.....
Lander	10,660	9,193	.....	.....	3,440	8,229	113	175	230	460	114	127	.....	.....	.....
Lincoln	2,329	2,984	9	15	2,184	6,259	.....	.....	394	338	58	63	2	3	.....
Lyon	1,280	1,350	.....	.....	12,219	30,946	.....	.....	97	155	106	179	.....	.....	.....
Nye	5,296	4,620	.....	.....	2,180	5,294	.....	.....	140	135	2	10	15	8	.....
Ormsby	5	5	.....	.....	255	518	129	178	945	1,095	23	36	.....	.....	.....
Storey	.....	.....	.....	.....	367	1,251	.....	.....	10	10	.....	.....	.....	.....	.....
Washoe	9,782	12,079	30	85	14,128	35,303	.....	.....	2,506	4,651	226	313	44	69	.....
White Pine	5,761	4,651	.....	.....	3,940	8,680	.....	.....	531	291	1	3	.....	.....	.....
Duck Valley[1]	495	549	.....	.....	55	113	.....	.....	18	31	.....	.....	.....	.....	.....
Pyramid Lake[1]	16	38	.....	.....	125	211	10	18	.....	.....	.....	.....	.....	.....	.....
Walker River[1]	.....	.....	.....	.....	492	1,152	.....	.....	.....	.....	11	20	.....	.....	.....

NEW HAMPSHIRE.

The State	17,383	15,378	3,903	6,736	26	36	2,500	3,083	565,651	524,463	14,188	24,732	11,391	78,837	1,708
Belknap	1,466	1,289	391	724	.....	.....	305	374	32,704	26,949	941	1,526	752	5,510	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	5,957	296
Coos	405	353	121	232	.....	.....	92	110	53,927	61,364	1,048	1,984	567	5,069	100
Grafton	2,143	1,450	1,222	1,939	4	6	484	651	101,600	94,921	3,050	5,358	2,582	21,265	289
Hillsboro	2,457	2,381	631	1,062	20	25	301	384	67,827	66,998	2,714	5,164	2,065	12,715	235
Merrimack	3,511	3,232	465	855	.....	.....	189	282	72,416	65,461	1,808	3,066	1,788	12,864	279
Rockingham	3,650	3,516	347	576	.....	.....	288	339	64,101	58,137	1,364	2,221	1,345	7,193	28
Strafford	1,622	1,352	303	552	1	2	18	20	38,593	31,715	904	1,258	774	3,494	184
Sullivan	813	708	182	326	1	3	92	90	44,842	39,068	647	1,148	410	3,025	106

NEW JERSEY.

The State	38,302	55,422	4,613	6,331	194	205	57,635	53,272	312,961	278,496	6,277	9,540	24,628	61,871	77,659
Atlantic	4,194	6,575	73	119	.....	.....	451	654	177	202	157	242	168	292	194
Bergen	336	1,120	180	248	23	30	480	656	10,508	9,877	333	616	817	1,306	428
Burlington	1,780	3,085	312	416	61	36	6,266	4,978	28,735	24,510	206	314	1,321	5,483	11,824
Camden	129	163	69	87	.....	.....	1,164	1,315	6,943	6,193	244	481	310	855	5,044
Cape May	4,620	8,125	174	288	.....	.....	451	528	168	256	78	134	205	482	744
Cumberland	10,818	15,400	117	174	9	14	5,738	6,970	5,133	6,803	278	553	2,992	6,622	6,148
Essex	1,634	2,149	101	114	.....	.....	86	138	6,229	6,420	489	881	1,013	10,673	35
Gloucester	730	1,063	305	406	9	5	8,589	6,281	8,185	8,568	435	575	4,286	6,894	3,051
Hudson	105	193	28	36	.....	.....	10	15	182	174	5	9	14	78	.....
Hunterdon	15	23	63	76	15	18	3,209	2,477	35,598	27,711	267	235	209	1,133	3,327
Mercer	26	21	406	620	6	6	1,418	1,364	22,515	21,095	180	314	362	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	1,639	46	60	4,037	3,045	19,616	14,877	940	953	480	1,179	7,243
Morris	4,252	4,388	235	229	.....	.....	2,634	2,034	26,585	20,421	430	656	1,548	3,048	4,956
Ocean	4,433	6,020	64	75	.....	.....	756	584	2,089	2,019	144	132	608	1,005	46
Passaic	.....	.....	2	3	2	4	148	108	8,127	5,734	128	99	233	819	6
Salem	1,167	2,008	249	496	2	3	13,927	15,242	14,611	20,264	258	602	931	2,825	23,645
Somerset	23	11	444	582	6	12	2,935	2,179	35,249	24,218	253	468	223	1,346	5,865
Sussex	684	1,070	188	316	.....	.....	384	389	34,419	36,161	621	1,155	3,019	8,013	775
Union	301	352	30	41	3	4	36	38	6,552	6,239	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	19,233	19,155	265	498	55,467	154,973	101	261	2,722	3,423	4,357	7,871	4,713	9,143	1,221
Bernalillo	1,171	1,296	111	239	3,618	10,858	38	146	120	169	139	305	156	512	.....
Chaves	484	889	.....	.....	6,950	22,786	.....	.....	3	3	94	369	466	1,927	.....
Colfax	4,687	3,521	.....	.....	4,399	9,344	.....	.....	918	1,033	1,371	2,542	136	159	.....
Donna Ana	270	420	10	30	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.

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Grant	629	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	339	123	141	37
Mora	1,746	1,542	.....	.....	8,811	25,753	.....	.....	535	660	478	644	253	400	298
Otero	40	40	.....	.....	413	990	.....	.....	15	20	355	635	11	42	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	6,069	18,825	3	3	.....	.....	49	99	5	15	.....
San Miguel	1,587	2,094	37	79	2,108	4,695	33	53	244	227	908	1,304	798	490	349
Santa Fe	424	406	5	5	2,524	10,756	5	5	25	24	70	201	35	85	32
Sierra	30	20	.....	.....	859	3,193	.....	.....	.....	.....	8	22	2	4	.....
Socorro	493	633	6	6	2,331	6,255	4	7	158	281	151	269	94	236	.....
Taos	1,386	1,642	7	9	1,986	4,635	.....	.....	494	719	283	375	378	437	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	.....
Jicarilla Apache[1]	1,052	455	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pueblo[1]	56	38	.....	.....	362	1,334	.....	.....	.....	.....	.....	.....	2	2	.....
Zuni[1]	7	7	1	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

NEW YORK.

The State	26,006	29,719	10,401	18,341	5,582	13,002	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	966	889	76,377	66,601	594	841	2,709	7,951	11
Allegany	23	30	154	295	24	52	1,123	1,342	131,502	146,778	4,302	4,341	5,309	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	536	41	101	690	951	139,539	184,488	2,667	3,736	7,174	35,178	359
Cayuga	91	94	140	229	39	61	7,312	7,977	88,969	107,194	891	1,241	3,142	19,600	2,231
Chautauqua	128	128	230	481	57	123	517	906	121,820	186,602	877	1,756	5,620	37,704	4,630
Chemung	30	20	61	95	.....	.....	303	533	45,428	38,675	172	258	2,130	14,173	1,083
Chenango	38	42	329	705	8	21	143	212	140,490	166,297	695	1,758	6,050	44,830	110
Clinton	16	14	.....	.....	.....	.....	41	55	80,733	76,607	562	667	1,282	5,388	98
Columbia	30	30	115	191	.....	.....	506	548	95,974	88,910	617	688	1,901	4,944	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	439	1,072	.....	.....	264	401	158,308	184,555	1,477	2,539	5,179	40,059	253
Dutchess	36	36	449	770	14	25	733	703	106,003	87,324	2,108	2,777	3,715	13,668	1,659
Erie	178	283	308	408	59	102	2,382	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	43,146	857	775	1,056	3,557	393
Franklin	1,180	1,114	56	78	6	13	326	440	82,811	85,999	1,059	1,516	2,467	13,203	562
Fulton	717	882	12	26	.....	.....	89	100	49,201	47,232	181	698	436	2,503	25
Genesee	111	286	168	228	67	138	2,342	2,951	44,021	49,653	725	1,080	2,724	14,134	1,154
Greene	76	53	73	122	.....	.....	108	127	69,405	59,253	408	381	712	2,686	215
Hamilton	154	164	1	1	.....	.....	19	15	8,146	6,617	34	70	170	234	.....
Herkimer	72	60	79	151	2	4	878	1,373	100,659	133,994	1,750	2,975	3,969	22,597	385
Jefferson	369	503	120	174	4	19	1,512	2,256	218,537	237,312	2,472	4,182	10,585	51,319	2,366
Kings	94	177	.....	.....	.....	.....	.....	.....	140	125	2	5	2	25	.....
Lewis	1,488	1,938	84	110	34	61	552	608	103,019	111,150	1,255	1,674	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	98,336	126,470	908	1,420	6,671	38,937	2,279
Monroe	12	15	267	406	39	56	4,705	5,526	55,082	62,570	989	1,539	2,297	9,842	1,440
Montgomery	42	37	196	380	78	144	2,558	2,796	81,349	89,656	398	401	1,593	9,774	14
Nassau	523	385	223	353	.....	.....	479	582	13,074	11,389	397	436	906	3,084	482
New York	378	556	.....	.....	.....	.....	.....	.....	410	442	12	20	31	143	.....
Niagara	76	59	57	94	36	37	3,967	4,525	60,721	64,298	525	761	1,432	6,000	3,076
Oneida	897	1,216	209	352	212	569	541	879	156,317	196,842	2,852	3,486	11,041	42,809	1,294
Onondaga	49	46	153	226	3,767	8,800	3,975	4,953	99,313	115,822	1,989	3,602	7,355	37,285	805
Ontario	4	6	160	124	42	105	10,148	9,926	56,370	57,475	769	1,139	2,488	6,743	4,813
Orange	152	240	1,856	3,967	4	4	223	262	108,345	109,859	2,472	3,127	4,470	18,840	1,112
Orleans	56	120	87	50	26	33	2,519	2,671	39,015	37,989	550	664	355	1,190	92
Oswego	346	468	135	452	11	28	483	627	99,840	125,425	889	1,705	4,788	19,357	1,126
Otsego	6	6	285	740	25	53	457	754	147,744	179,079	1,272	2,882	6,639	33,310	297
Putnam	155	134	78	104	.....	.....	28	30	30,864	26,193	949	1,420	634	2,502	610
Queens	202	164	5	10	1	2	14	20	1,098	1,167	89	145	164	510	170
Rensselaer	62	88	30	51	.....	.....	504	543	94,293	76,888	706	733	1,445	4,471	18
Richmond	458	462	8	21	1	3	24	53	1,854	2,482	170	367	128	881	83
Rockland	114	175	63	103	.....	.....	165	208	10,043	9,672	283	355	414	1,199	602
St. Lawrence	7,673	9,257	156	219	.....	.....	900	1,417	229,629	270,619	5,502	12,826	13,578	70,195	2,634
Saratoga	1,383	1,560	120	135	.....	.....	795	692	78,145	66,018	1,424	1,315	958	3,135	1,480
Schenectady	100	60	15	21	.....	.....	235	271	32,551	28,528	418	484	1,267	3,703	1,221
Schoharie	1	1	5	7	40	61	1,033	1,086	85,935	81,478	558	648	2,006	9,196	274
Schuyler	.....	.....	186	159	.....	.....	4,557	3,620	34,153	25,614	217	223	382	934	2,823
Seneca	158	266	86	136	24	84	4,871	5,736	37,684	42,216	473	714	544	2,160	2,302
Steuben	76	75	233	345	46	106	4,742	4,513	176,370	159,152	1,006	1,445	4,084	15,572	2,364
Suffolk	2,968	3,566	342	407	10	20	1,219	1,355	23,551	22,448	364	514	1,729	3,637	1,549
Sullivan	110	139	151	231	.....	.....	93	97	71,431	63,239	363	749	674	2,276	66
Tioga	10	6	222	327	.....	.....	750	685	59,323	59,467	514	2,180	7,888	45,244	184

[1] Indian reservation.

TABLE 10.—ACREAGE AND PRODUCTION 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.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Tompkins	50	50	72	127	24	62	5,915	6,750	60,201	58,960	453	756	2,394	16,105	1,576
Ulster	90	78	479	582	1	3	377	547	81,460	77,641	1,018	1,859	1,160	5,284	2,493
Warren	1,989	1,625	15	20	.....	.....	59	45	41,366	23,116	648	500	240	1,048	164
Washington	173	167	24	29	.....	.....	1,433	1,085	106,053	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	55,176	1,128	1,718	1,442	8,105	1,659
Wyoming	31	37	75	125	87	192	3,853	4,793	76,890	94,287	506	843	4,056	26,863	305
Yates	177	236	19	12	35	64	5,925	5,591	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	28,290	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	89	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	511	508	1,134	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	1	287
Bertie	.....	.....	3	4	.....	.....	95	101	548	640	133	168	270	1,021	1,721
Bladen	.....	.....	19	24	.....	.....	.....	.....	124	121	323	297	4	7	1,399
Brunswick	.....	.....	.....	.....	.....	.....	.....	.....	235	229	97	122	21	36	614
Buncombe	538	390	102	118	2	2	2,871	2,853	2,872	2,713	161	215	230	878	1,702
Burke	240	329	77	100	.....	.....	166	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	183	368	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	531	137	165	.....	.....	458
Carteret	.....	.....	.....	.....	.....	.....	15	15	64	75	168	154	.....	.....	7
Caswell	117	261	11	29	.....	.....	780	945	774	837	402	599	158	314	2,959
Catawba	361	307	2	2	.....	.....	244	279	3,078	3,537	1,643	1,721	225	293	1,854
Chatham	949	1,098	6	7	22	45	123	193	247	276	374	412	175	171	3,912
Cherokee	484	642	15	22	.....	.....	23	65	1,851	1,953	399	506	111	234	3,025
Chowan	2	2	.....	.....	.....	.....	21	35	490	495	38	38	44	41	533
Clay	56	58	4	10	.....	.....	55	28	1,101	1,065	287	253	68	136	1,663
Cleveland	6	5	.....	.....	.....	.....	26	61	1,389	1,529	1,321	1,306	12	16	3,110
Columbus	.....	.....	.....	.....	.....	.....	.....	.....	367	404	456	479	46	51	1,239
Craven	18	18	.....	.....	3	15	20	50	492	828	558	692	31	16	594
Cumberland	29	28	45	29	.....	.....	.....	.....	769	730	210	219	83	71	2,733
Currituck	14	14	.....	.....	.....	.....	.....	.....	253	377	42	41	.....	.....	56
Dare	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	20	83	134
Davidson	1,385	2,078	58	28	.....	.....	833	941	4,692	6,124	1,830	3,355	214	282	3,361
Davie	598	703	.....	.....	.....	.....	437	425	724	751	517	584	41	37	1,156
Duplin	.....	.....	11	10	.....	.....	.....	.....	763	784	383	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	103	4,322
Forsyth	1,834	2,211	19	16	3	1	1,622	1,335	1,354	1,329	1,559	1,046	332	461	1,386
Franklin	.....	.....	50	72	.....	.....	150	259	99	89	925	1,139	15	20	3,836
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	56	1,270
Graham	225	269	.....	.....	.....	.....	.....	.....	207	232	66	79	1	1	982
Granville	5	5	4	5	5	10	228	237	1,007	1,346	1,803	1,651	353	703	3,889
Greene	.....	.....	.....	.....	.....	.....	193	343	1,033	903	274	206	37	53	2,083
Guilford	3,226	3,575	47	118	.....	.....	1,050	1,037	3,756	4,279	982	1,233	137	267	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	2,129
Haywood	.....	.....	117	117	.....	.....	1,956	1,387	2,079	1,493	43	31	.....	.....	1,336
Henderson	12	13	3	4	.....	.....	133	187	1,626	1,673	346	572	7	7	703
Hertford	.....	.....	12	6	.....	.....	3	5	759	772	146	95	26	19	997
Hyde	.....	.....	11	15	.....	.....	.....	.....	91	103	216	249	.....	.....	25
Iredell	94	140	5	5	18	29	1,003	1,696	3,568	4,625	1,985	2,830	309	476	2,933
Jackson	39	33	71	67	.....	.....	371	351	1,283	1,090	94	90	3	3	1,471
Johnston	.....	.....	59	121	.....	.....	124	81	540	524	171	150	265	268	3,491
Jones	.....	.....	.....	.....	4	4	6	7	338	346	91	70	61	117	407
Lenoir	.....	.....	.....	.....	.....	.....	53	108	1,106	1,026	1,019	940	27	48	1,792
Lincoln	323	386	1	1	.....	.....	135	156	2,085	2,211	1,181	1,128	53	64	699
McDowell	21	14	13	12	.....	.....	13	17	135	101	352	392	45	38	2,983
Macon	73	71	33	36	.....	.....	207	172	1,442	1,419	166	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	13	.....	.....	878
Mecklenburg	213	295	13	21	8	22	284	354	4,777	4,545	2,300	2,792	143	405	3,851
Mitchell	145	195	10	16	.....	.....	259	245	5,672	4,003	784	518	.....	.....	464
Montgomery	.....	.....	.....	.....	2	5	251	363	828	942	292	288	24	26	1,575
Moore	1	1	10	15	.....	.....	6	5	989	1,030	575	515	337	320	3,651
Nash	.....	.....	2	4	.....	.....	61	84	240	269	729	616	32	22	4,067
New Hanover	.....	.....	.....	.....	.....	.....	.....	.....	551	625	117	128	29	22	111
Northampton	5	9	20	35	.....	.....	45	71	366	352	202	211	25	31	3,330
Onslow	.....	.....	.....	.....	.....	.....	.....	.....	427	337	97	84	.....	.....	409
Orange	133	170	7	6	48	69	387	443	1,131	1,271	161	355	48	164	2,869

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			3	6			7	15	243	347	13	20			643
Pender									712	471	168	219	44	37	416
Perquimans							10	19	552	638	140	178	51	65	1,149
Person			13	20			199	231	78	60	516	724	27	40	2,280
Pitt	172	151					5	17	641	581	865	795	72	75	5,429
Polk	5	15	1	1			10	21	447	546	62	61	16	62	114
Randolph	114	145	10	11			1,159	1,421	3,208	3,586	1,694	1,974	182	270	1,307
Richmond			2	3			10	10	186	192	145	92	25	30	1,386
Robeson			77	71					844	863	654	587	26	29	4,188
Rockingham	142	253	9	25			1,515	1,594	930	1,289	421	416	131	275	927
Rowan	877	1,171	10	20	6	8	2,162	2,603	3,797	4,791	1,245	1,367	703	1,721	3,665
Rutherford	1	2			1	2	25	30	1,467	1,473	622	700	8	8	1,202
Sampson			5	21			21	40	420	391	413	478	122	129	3,063
Scotland							11	11	489	335	539	438	2	8	1,640
Stanly	835	1,236	1	4			116	174	328	370	1,003	1,561	302	737	1,536
Stokes	603	609					539	440	1,306	1,192	124	135	13	23	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					159	162	400	382	12	13			880
Tyrrell	4	8	3	12			7	7	454	482	83	101	1	3	42
Union			41	76	63	121	439	380	1,511	1,643	529	396	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	466	1,086	1,143	1,018	1,158	838	921	3,609
Warren	16	14	73	110	1	2	183	179	344	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	203	56	70	3,673
Wilkes	16	19	7	9			29	31	776	917	207	242	30	37	3,639
Wilson			2	2					484	578	103	140	4	10	3,309
Yadkin	208	233	4	2			120	113	252	281	257	238	207	238	1,543
Yancey			1	1			468	297	2,170	1,652	186	139			442

NORTH DAKOTA.

The State	1,248,259	1,536,951	85,655	112,538	334	479	291	349	38,095	38,471	21,783	30,486	16,117	28,116	823
Barnes	46,333	57,634	4,573	5,750	93	170			78	111	109	132	104	135	20
Benson	26,626	37,628	966	1,475					37	36	46	90	42	85	
Billings	19,401	21,298	12	20							308	508	59	98	
Bottineau	14,651	22,031	90	280					33	45	20	47			
Burleigh	39,470	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	526	2,162	2,633	151	191	120
Dickey	52,384	55,168	4,821	6,195					10	6	46	40	69	143	74
Eddy	17,592	21,882	707	1,027					57	85	92	122	20	32	
Emmons	42,058	51,309	469	796					7	18	187	364	75	150	65
Foster	11,473	17,862	279	493					40	55	441	355	25	20	
Grand Forks	59,347	54,728	8,090	11,242	40	35	97	120	13,616	11,919	1,611	3,170	513	1,053	
Griggs	19,610	23,266	2,248	2,946					15	27	166	189	50	80	
Kidder	12,586	22,223	296	422					30	60			11	23	
Lamoure	26,629	32,041	1,628	1,938					20	22	25	13	9	84	
Logan	9,724	17,400	12	35											
McHenry	32,500	55,824	90	221			10	10			20	30			
McIntosh	33,930	39,531	209	243					2	3					
McLean	19,085	29,466	161	319	25	20			10	15	10	20	47	113	6
Mercer	24,081	28,016	302	393					125	200	113	209	161	223	
Morton	52,279	53,246	1,709	2,072					2	3	832	817	45	86	10
Nelson	33,168	50,376	80	111					165	296	47	83	10	40	
Oliver	14,609	13,497	213	363					6	7	30	73	20	59	
Pembina	41,132	44,198	2,356	3,181	2	4	32	32	2,432	2,750	3,308	4,547	625	986	30
Pierce	23,265	33,546	307	485					10	10	196	261			
Ramsey	30,164	57,209	564	930					40	50	52	97	22	59	
Ransom	38,925	43,616	3,163	4,137	12	10			354	561	140	212	64	103	6
Richland	62,977	67,826	6,651	7,785	46	71			1,628	1,756	392	448	197	408	16
Rolette	18,852	26,585	50	80					82	122	31	18			
Sargent	39,382	49,262	2,980	3,912					70	61	7	20	165	220	
Stark	69,925	64,096	152	261	10	25			13	16	674	1,082	70	203	
Steele	26,658	29,626	5,061	6,495					968	929	245	332	590	1,476	
Stutsman	39,701	49,636	1,668	2,019					197	199	164	166	229	406	8
Towner	18,386	29,762					7	14	167	263	91	133			
Traill	24,183	24,670	10,761	13,874	10	12	98	117	9,134	9,520	4,268	6,007	2,143	4,465	50
Walsh	37,545	41,550	13,294	18,143	32	42			1,961	2,288	1,999	2,584	296	444	
Ward	28,255	48,323	674	1,411					4	8	113	247	21	75	
Wells	23,398	35,854	1,380	2,046					30	43	177	261	20	80	
Williams	10,799	13,248	31	55					135	265	129	286	8	25	8
Devils Lake[1]	2,373	4,360													
Fort Berthold[1]	9,192	9,225	2	2					40	40	3	5			
Standing Rock[1]	11,033	22,625	5	17							87	107			
Turtle Mountain[1]	679	1,038													

[1] Indian reservation.

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
The State	3,548	3,563	13,048	19,552	2,799	3,944	617,516	773,857	2,276,898	2,627,989	60,813	77,749	40,639	123,068	563,149
Adams	59	43	166	193	.....	.....	4,923	4,754	15,823	14,503	111	95	92	123	1,338
Allen	22	30	111	140	4	4	8,063	10,704	30,365	36,428	301	336	78	145	320
Ashland	15	19	6	9	12	12	11,628	15,390	28,949	37,192	230	310	111	383	4,804
Ashtabula	39	61	242	399	.....	.....	1,469	2,196	62,859	82,461	418	608	2,106	9,368	2,067
Athens	.....	.....	306	441	42	89	2,727	3,465	21,570	22,500	372	394	27	63	4,309
Auglaize	6	7	36	50	8	12	9,560	12,593	16,025	18,449	238	272	2,816	4,086	3,463
Belmont	.....	.....	58	112	3	4	4,790	6,140	42,679	50,800	263	377	270	2,360	1,126
Brown	.....	.....	92	109	8	7	3,262	3,360	17,779	16,307	2,904	2,690	257	480	12,719
Butler	5	5	126	221	17	32	16,099	18,638	13,756	15,023	295	392	1,118	1,382	75
Carroll	2	2	4	4	2	2	4,350	5,075	33,589	35,123	217	182	74	275	5,202
Champaign	43	45	32	41	96	281	13,678	16,726	13,138	15,029	417	446	114	150	13,851
Clark	32	31	45	59	.....	.....	9,233	10,801	15,261	18,192	56	59	52	411	4,712
Clermont	3	4	296	337	20	35	3,918	4,186	24,280	21,789	992	1,203	325	326	4,701
Clinton	.....	.....	59	110	.....	.....	6,666	8,400	16,455	19,754	422	538	117	156	13,723
Columbiana	60	200	73	102	.....	.....	6,944	9,051	48,778	55,667	95	307	672	5,538	134
Coshocton	23	14	91	123	10	10	6,695	8,035	34,387	35,928	516	551	523	754	1,587
Crawford	15	28	37	81	30	51	12,441	19,028	26,149	37,181	509	699	159	187	5,092
Cuyahoga	20	20	343	573	.....	.....	3,244	4,729	31,288	38,480	1,505	2,075	1,889	7,183	986
Darke	2	2	79	158	6	7	17,684	22,433	18,714	22,522	1,255	1,491	2,726	4,370	15,237
Defiance	.....	.....	233	376	16	21	4,722	5,509	24,319	26,434	302	354	691	1,442	14,920
Delaware	48	30	104	192	4	6	5,849	7,011	32,314	37,984	2,216	3,453	116	603	2,468
Erie	96	106	139	148	.....	.....	3,230	4,050	14,133	17,411	417	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	.....	.....	3,853	5,162	11,821	13,434	839	892	387	388	5,093
Franklin	47	32	727	1,187	5	8	9,622	12,193	30,664	34,708	697	1,027	596	898	11,192
Fulton	3	3	299	450	6	9	4,745	5,209	23,017	27,400	727	903	176	718	7,723
Gallia	.....	.....	89	118	4	8	2,459	2,597	15,783	12,344	516	553	39	156	318
Geauga	584	877	191	319	.....	.....	1,446	2,277	27,760	35,993	304	1,173	1,097	4,537	1,534
Greene	905	359	207	375	.....	.....	9,958	12,294	14,048	17,104	524	659	365	697	17,325
Guernsey	.....	.....	13	16	.....	.....	3,199	3,598	40,726	41,878	272	462	69	225	821
Hamilton	106	114	614	908	1,815	2,228	5,368	6,891	20,700	23,764	1,536	2,257	2,375	3,541	584
Hancock	.....	.....	90	121	29	44	7,023	8,805	36,571	43,046	2,498	2,993	123	275	8,921
Hardin	.....	.....	64	103	12	28	9,140	12,364	32,786	40,966	468	717	100	109	6,907
Harrison	.....	.....	7	8	.....	.....	2,165	3,182	37,861	44,300	235	503	185	754	1,558
Henry	5	4	200	359	.....	.....	3,778	4,553	18,403	22,508	710	872	118	133	3,330
Highland	.....	.....	95	129	9	27	5,969	7,186	27,132	29,626	1,171	1,162	115	126	12,844
Hocking	.....	.....	1	2	.....	.....	3,779	3,504	16,439	14,768	1,304	1,044	42	40	1,130
Holmes	25	38	15	21	20	30	6,975	9,572	24,760	30,966	105	131	52	80	49
Huron	12	23	267	379	.....	.....	12,722	16,555	35,220	44,557	4,772	6,092	374	1,197	3,918
Jackson	.....	.....	137	144	.....	.....	733	766	18,377	12,619	241	165	.....	.....	3,949
Jefferson	.....	.....	74	120	.....	.....	3,760	4,914	31,404	36,316	2,226	2,916	188	1,569	674
Knox	7	13	144	138	24	30	11,911	14,260	32,341	36,760	444	555	87	94	12,156
Lake	3	3	209	297	6	15	666	995	14,757	16,787	83	120	196	656	544
Lawrence	1	1	532	882	.....	.....	1,788	1,536	7,027	6,410	74	81	160	303	1,050
Licking	.....	.....	116	189	.....	.....	12,733	15,677	45,015	50,569	1,073	1,164	335	488	13,585
Logan	15	15	113	149	53	122	13,141	16,398	20,823	23,462	160	218	110	163	12,870
Lorain	.....	.....	49	62	.....	.....	5,748	8,155	50,474	63,339	268	318	932	3,406	3,382
Lucas	82	85	575	872	19	37	1,927	2,447	13,843	17,364	619	1,280	848	4,217	5,886
Madison	.....	.....	174	281	.....	.....	7,902	9,739	13,019	14,029	255	381	779	1,325	26,284
Mahoning	.....	.....	155	245	5	5	6,311	8,751	30,938	38,697	272	818	1,190	4,817	3,773
Marion	32	58	297	474	6	6	11,239	13,692	19,336	21,625	918	1,052	58	64	.....
Medina	.....	.....	23	27	12	15	9,721	11,856	30,983	40,562	842	1,822	1,030	3,835	4,875
Meigs	.....	.....	105	150	7	7	2,672	2,842	18,215	15,692	387	443	98	167	658
Mercer	100	50	27	42	9	19	11,541	15,633	21,733	25,604	2,256	2,754	527	621	35,360
Miami	11	6	72	99	6	12	12,102	13,752	11,757	13,436	288	617	234	348	16,248
Monroe	1	1	.....	.....	.....	.....	2,693	3,018	28,162	28,762	201	292	39	40	4,536
Montgomery	35	20	98	123	35	98	13,998	16,718	17,561	20,644	460	641	489	1,093	13,080
Morgan	.....	.....	68	128	.....	.....	3,819	4,312	28,088	28,279	57	81	4	11	2,605
Morrow	.....	.....	81	129	17	36	11,147	14,532	28,194	33,217	111	185	33	108	9,532
Muskingum	6	6	372	466	29	30	6,559	7,365	43,299	42,600	218	318	641	775	2,645
Noble	.....	.....	15	30	4	5	2,036	2,268	28,498	27,122	2,122	1,848	102	159	2,368
Ottawa	6	6	82	125	35	77	1,572	1,920	15,943	19,712	916	1,222	39	73	178
Paulding	6	3	285	445	3	3	2,025	2,384	17,527	19,315	491	560	56	64	8,274
Perry	8	7	51	68	.....	.....	5,889	6,713	23,252	24,164	186	210	32	39	3,168
Pickaway	14	22	.....	.....	.....	.....	9,688	11,252	11,485	12,497	734	686	408	428	9,644
Pike	3	3	326	333	.....	.....	3,580	3,499	12,188	8,880	87	118	88	82	2,273
Portage	49	81	159	255	.....	.....	6,105	8,977	33,862	45,694	492	1,019	1,718	9,582	6,635
Preble	3	3	133	158	11	14	11,948	13,791	9,067	10,215	384	396	289	472	20,555
Putnam	.....	.....	84	116	2	4	5,847	7,313	23,328	27,923	367	403	167	183	9,803
Richland	.....	.....	52	73	.....	.....	14,959	20,001	27,783	36,669	469	556	37	164	13,460
Ross	4	6	525	727	17	45	8,031	9,877	15,354	15,410	2,451	2,752	108	149	1,978
Sandusky	2	3	54	80	28	43	9,259	11,232	19,469	23,955	134	229	156	674	3,860
Scioto	520	528	5	5	3	6	2,605	2,598	12,029	11,177	129	133	67	196	2,633
Seneca	.....	.....	.....	.....	.....	.....	14,269	19,649	34,015	43,269	287	385	146	214	6,831
Shelby	.....	.....	16	17	34	39	13,468	15,493	13,924	13,694	178	201	631	790	17,499
Stark	.....	.....	42	51	.....	.....	5,161	7,395	51,411	72,090	509	753	435	1,249	8,830
Summit	11	14	286	535	4	8	5,817	8,251	27,274	36,829	417	1,043	2,083	12,283	7,627
Trumbull	327	374	119	199	3	10	2,375	3,633	60,459	78,565	542	1,265	3,168	15,272	1,771
Tuscarawas	.....	.....	102	212	.....	.....	4,337	5,380	45,635	50,631	369	398	155	231	3,976
Union	5	6	44	86	.....	.....	14,066	18,010	23,259	24,284	807	835	86	168	2,524

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.	Tons.
Van Wert	.....	.....	124	215	3	5	5,696	7,978	27,799	33,261	2,767	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	151	2,065	2,290	35,955	33,739	150	178	95	152	3,720
Wayne	15	25	80	117	17	24	15,430	21,503	38,681	55,319	476	806	529	793	12,607
Williams	83	93	170	299	23	35	3,716	4,334	31,948	33,645	720	761	517	886	9,236
Wood	3	6	290	496	27	39	6,790	8,273	28,573	33,703	598	684	117	166	16,823
Wyandot	.....	.....	45	72	1	2	13,215	18,405	26,325	34,033	414	523	162	231	140

OKLAHOMA.

The Territory	336,977	368,121	33,327	60,788	15,116	27,563	343	480	9,395	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	11,629	990	2,023	691	1,359	6	5	243	345	992	2,690	4,377	8,764	704
Cleveland	4,906	4,217	1,744	2,571	1,236	2,049	15	23	180	169	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	2,481	69	175	.....	.....	10	25	775	1,952	2,794	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	54	63	798	1,316	594	1,588	15,816	35,828	456
Grant	30,268	31,668	796	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	3,315	76	145	106	141	409	1,108	3,366	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	1,495	436	774	12	10	325	339	645	1,340	8,892	16,991	2,055
Logan	11,289	8,568	829	1,444	1,168	2,257	4	5	681	901	1,897	4,715	11,776	21,271	185
Noble	17,894	14,174	817	1,355	492	879	3	10	2,391	1,893	276	828	7,212	15,768	34
Oklahoma	12,782	11,906	481	745	748	1,569	53	59	234	272	669	1,151	4,690	9,368	289
Pawnee	17,249	17,906	637	938	157	261	5	10	271	265	116	331	6,026	11,862	5
Payne	18,634	15,083	2,871	5,147	377	749	18	21	1,305	1,362	136	251	12,675	25,173	14
Pottawatomie	7,187	6,655	361	594	112	262	.....	.....	86	132	205	324	2,457	5,370	1,211
Roger Mills	4,435	7,862	221	369	108	198	51	76	62	123	62	140	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	26,073	33,909	1,629	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	355	643	20	16	542	929	8,743	19,202	15,853	35,504	20
Osage and Kaw[1]	18,680	24,292	1,613	5,011	521	1,222	.....	.....	307	601	.....	.....	4,686	11,117	170
Ponca and Otoe[1]	2,008	2,228	337	476	2	4	.....	.....	.....	.....	.....	.....	1,694	4,230	.....
Wichita, Kiowa and Comanche[1]	644	858	445	788	58	210	.....	.....	80	156	.....	.....	406	971	.....

OREGON.

The State	202,680	234,220	598	970	53,612	145,875	31,885	70,341	189,183	323,734	245,759	320,735	8,106	21,525	486
Baker	17,538	23,295	12	18	6,653	16,573	656	1,037	10,911	17,399	3,817	6,363	967	986	.....
Benton	218	273	1	2	.....	.....	94	182	5,962	10,606	3,656	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	3,186	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	1,235	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	233	2,229	2,456	12,898	15,505	770	858	.....
Curry	22	27	5	15	11	26	169	513	1,642	3,302	690	1,510	75	705	.....
Douglas	607	857	20	30	229	432	7	6	8,825	13,641	14,439	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
Harney	45,385	47,581	.....	.....	2,123	4,766	300	500	910	853	814	1,014	.....	.....	.....
Jackson	1,413	1,574	12	16	5,258	15,092	28	87	6,759	8,334	13,744	16,995	328	507	35
Josephine	900	1,059	16	32	788	1,820	1,082	2,709	1,383	2,309	4,458	4,948	89	121	71
Klamath	22,092	24,972	75	50	2,790	7 319	40	40	948	1,167	11,028	11,740	.....	.....	.....
Lake	38,096	40,374	3	7	994	2,582	1	4	3,539	3,793	923	1,270	100	80	.....
Lane	997	1,356	12	15	216	515	299	650	14,054	22,199	10,783	17,200	570	1,365	.....
Lincoln	406	573	6	12	.....	.....	152	376	2,378	4,537	445	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	361	820	1,496	2,206	3,286	122	184	10
Marion	167	222	15	17	7	9	3,347	6,967	11,323	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	13,591	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	500	1,057	6,696	12,153	3,549	5,842	28	81	.....
Sherman	180	165	.....	.....	33	53	4	4	281	352	16,720	13,308	.....	.....	.....
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	1,339	2,420	4,087	22,167	31,833	14	30	.....
Union	10,860	17,024	12	23	4,628	12,296	442	971	17,477	30,296	11,335	14,849	63	133	4
Wallowa	1,132	1,636	3	6	958	2,169	67	158	3,541	5,553	17,471	25,898	294	451	.....
Wasco	1,007	1,469	2	2	810	2,328	419	502	721	973	20,519	22,318	399	359	324

[1] Indian reservation.

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.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	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	.....	.....	1,439	1,884	7,514	9,782	54	72	.....
Yamhill	250	400	10	10	1	2	1,216	2,582	8,007	13,763	3,033	4,982	157	548	6
Grande Ronde[1]	.....	.....	.....	.....	.....	.....	.....	.....	6	10	357	546	.....	.....	.....
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	49	.....	.....	.....	.....	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	5,184	49,328	57,816	384	429	3,083	4,398	6,245
Allegheny	50	50	473	602	4	10	1,837	2,262	61,271	62,369	3,593	4,275	890	2,712	980
Armstrong	.....	.....	24	26	.....	.....	2,788	2,913	43,883	42,762	990	1,099	82	204	833
Beaver	.....	.....	104	144	.....	.....	1,023	2,048	37,673	38,690	354	367	282	711	1,534
Bedford	30	41	56	63	3	3	6,031	6,598	25,616	27,926	399	406	1,076	1,145	5,023
Berks	84	111	47	59	7	12	24,794	28,525	87,206	99,924	327	516	290	583	8,798
Blair	.....	.....	17	27	.....	.....	8,383	8,964	13,526	15,919	165	220	681	1,161	3,099
Bradford	29	47	481	803	.....	.....	1,473	1,659	125,555	117,341	1,673	2,225	3,817	20,424	5,566
Bucks	12	9	806	1,120	.....	.....	4,740	4,478	86,659	80,787	636	899	298	1,047	2,123
Butler	13	34	63	97	.....	.....	2,651	3,173	67,413	70,087	612	759	394	2,616	1,591
Cambria	.....	.....	20	28	.....	.....	1,525	1,892	35,444	36,207	232	323	91	237	73
Cameron	7	7	37	48	.....	.....	30	30	4,099	4,723	18	30	54	280	3
Carbon	.....	.....	108	147	.....	.....	1,986	1,629	7,277	6,322	95	117	112	437	308
Center	.....	.....	15	25	.....	.....	3,937	4,478	30,958	35,639	770	889	47	204	4,203
Chester	5	8	790	1,432	.....	.....	13,884	16,297	86,070	102,886	2,701	4,486	1,274	5,978	16,750
Clarion	1	1	15	8	.....	.....	2,901	3,406	40,639	45,347	144	291	146	1,143	1,260
Clearfield	24	47	33	44	.....	.....	1,624	1,728	35,585	31,780	1,015	1,237	298	994	935
Clinton	.....	.....	23	34	.....	.....	605	628	14,052	14,312	155	174	41	126	1,690
Columbia	.....	.....	56	159	.....	.....	5,576	6,387	22,693	27,617	168	219	225	706	3,878
Crawford	14	19	24	42	.....	.....	2,980	4,510	126,808	170,469	682	959	1,239	8,594	1,019
Cumberland	.....	.....	10	11	.....	.....	9,823	10,874	40,467	47,319	601	748	308	1,194	13,324
Dauphin	10	15	80	118	.....	.....	12,917	14,262	38,985	43,468	224	324	71	386	4,943
Delaware	7	13	429	905	.....	.....	1,529	2,264	17,321	21,872	323	658	780	3,557	4,079
Elk	14	12	18	35	.....	.....	691	725	9,850	11,101	2,453	2,801	222	859	67
Erie	.....	.....	103	153	.....	.....	3,344	4,777	91,440	125,878	651	972	2,031	11,751	1,937
Fayette	13	15	441	680	16	20	3,097	3,997	39,773	44,314	2,301	2,717	982	1,327	3,938
Forest	7	2	15	27	.....	.....	309	405	6,709	6,934	25	15	109	871	55
Franklin	88	98	32	35	.....	.....	8,536	10,012	55,758	66,577	3,512	3,897	1,749	3,233	25,588
Fulton	32	35	29	32	.....	.....	1,537	1,867	9,843	10,736	772	936	195	205	727
Greene	.....	.....	80	70	.....	.....	736	820	39,775	37,602	123	141	78	116	435
Huntingdon	51	62	103	114	.....	.....	4,948	5,443	23,417	26,801	47	52	342	350	6,519
Indiana	51	33	121	184	.....	.....	2,591	2,964	49,342	49,357	869	888	134	297	781
Jefferson	.....	.....	29	35	.....	.....	2,699	3,003	35,940	37,143	216	248	268	895	402
Juniata	.....	.....	7	7	.....	.....	2,560	2,701	19,133	20,273	109	122	28	103	3,359
Lackawanna	10	10	91	177	.....	.....	296	478	29,200	28,424	304	454	938	7,362	270
Lancaster	9	16	141	234	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	33,611	40,418	244	399	278	1,043	2,401
Lebanon	90	90	40	51	7	6	2,760	2,924	39,643	45,675	163	193	10	10	5,824
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	696	2,590	545
Lycoming	.....	.....	17	23	.....	.....	2,254	2,284	42,111	43,716	287	363	196	396	5,076
McKean	12	5	120	166	.....	.....	283	421	32,563	39,256	1,077	1,366	367	1,025	76
Mercer	5	5	22	33	2	3	8,206	10,620	63,410	78,946	446	738	968	2,650	4,582
Mifflin	23	21	22	35	.....	.....	7,023	9,654	10,988	14,123	1,490	1,742	493	599	4,004
Monroe	286	198	60	70	.....	.....	392	274	16,472	13,980	91	126	53	143	1,805
Montgomery	262	261	783	1,144	.....	.....	10,089	11,309	70,980	72,850	838	1,159	1,761	6,288	6,814
Montour	.....	.....	.....	.....	.....	.....	352	458	13,256	19,267	93	148	65	636	1,021
Northampton	54	69	45	59	2	2	4,307	3,786	31,522	31,288	93	121	355	1,107	5,503
Northumberland	2	2	38	63	.....	.....	9,848	10,943	23,661	28,444	222	336	79	97	7,263
Perry	.....	.....	25	29	.....	.....	5,700	5,820	27,381	29,727	283	249	188	503	4,020
Philadelphia	659	826	326	460	.....	.....	263	357	6,474	8,159	254	409	36	242	51
Pike	352	373	46	52	.....	.....	34	58	6,483	6,200	104	157	112	480	823
Potter	.....	.....	193	385	.....	.....	285	400	48,647	56,761	307	339	753	4,534	198
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	10,236	12,936	13,297	80	119	29	27	3,873
Somerset	158	146	30	45	.....	.....	7,689	9,630	51,928	62,346	266	435	402	700	349
Sullivan	20	12	15	26	.....	.....	104	116	16,275	16,026	20	21	59	290	629
Susquehanna	7	10	345	657	.....	.....	225	255	105,507	103,133	1,302	1,609	4,004	24,000	1,403
Tioga	.....	.....	58	105	.....	.....	773	989	110,792	113,958	845	1,344	2,058	11,689	4,057
Union	.....	.....	22	25	.....	.....	950	1,142	19,446	24,650	133	200	125	312	660
Venango	2	2	3	7	.....	.....	1,412	1,654	41,506	42,794	317	394	344	1,375	77
Warren	3	5	81	173	.....	.....	196	359	42,943	57,077	492	1,020	1,228	11,193	422
Washington	15	17	193	345	.....	.....	5,418	7,366	77,415	89,197	1,883	2,667	1,099	4,895	11,603
Wayne	58	76	205	439	.....	.....	133	117	66,188	63,103	159	275	1,081	5,044	1,274
Westmoreland	.....	.....	257	405	.....	.....	6,019	7,282	66,423	78,029	1,000	1,181	2,800	3,450	3,062
Wyoming	24	44	17	19	.....	.....	254	244	23,125	18,565	322	462	811	4,531	1,685
York	558	584	47	83	.....	.....	14,374	14,650	83,626	89,651	1,032	1,672	605	1,183	16,823

[1] Indian reservation.

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.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	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	5,998	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	305	559	979	.....	.....	273	412	22,690	24,793	1,856	2,947	1,729	5,203	353
Washington	371	330	83	116	.....	.....	124	197	18,042	13,569	814	1,229	441	1,027	781

SOUTH CAROLINA.

The State	954	985	474	806	18	31	1,435	1,728	50,733	51,608	48,918	47,912	3,592	5,816	104,363
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	3,188
Anderson	18	21	16	13	1	5	1	1	2,070	2,423	2,354	2,982	229	434	2,393
Bamberg	.....	.....	.....	.....	.....	.....	63	63	252	272	53	64	.....	.....	2,470
Barnwell	4	4	4	7	2	6	39	37	918	942	732	755	136	165	3,802
Beaufort	12	10	.....	.....	.....	.....	.....	.....	630	522	51	43	74	110	1,116
Berkeley	12	11	48	64	.....	.....	5	9	749	723	446	466	72	227	1,844
Charleston	3	5	235	442	.....	.....	2	2	786	992	272	376	150	418	255
Cherokee	56	54	.....	.....	.....	.....	27	49	454	495	647	639	127	275	1,366
Chester	169	160	1	1	3	6	197	218	749	648	1,749	1,827	100	53	2,647
Chesterfield	.....	.....	.....	.....	.....	.....	.....	.....	451	462	828	795	89	76	2,651
Clarendon	.....	.....	1	1	.....	.....	.....	.....	343	303	1,905	1,385	128	61	3,006
Colleton	5	5	2	8	.....	.....	.....	.....	910	890	300	244	.....	.....	3,404
Darlington	.....	.....	.....	.....	.....	.....	.....	.....	1,821	1,540	3,694	3,220	37	42	3,592
Dorchester	20	10	.....	.....	.....	.....	28	61	308	255	31	34	.....	.....	1,457
Edgefield	.....	.....	.....	.....	2	2	28	27	1,122	1,021	897	1,019	19	38	3,352
Fairfield	.....	.....	15	23	1	2	19	26	3,256	2,908	752	768	12	7	2,978
Florence	4	2	.....	.....	.....	.....	6	5	1,603	1,420	1,136	1,082	22	55	2,169
Georgetown	.....	.....	1	1	.....	.....	.....	.....	216	282	139	139	1	2	285
Greenville	31	29	3	5	2	3	231	261	1,296	1,396	1,510	1,925	164	217	4,004
Greenwood	1	5	70	122	.....	.....	61	46	815	773	2,084	1,984	245	398	1,309
Hampton	10	15	.....	.....	.....	.....	70	50	1,760	2,154	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	763	50	91	3,033
Lancaster	.....	.....	.....	.....	.....	.....	97	148	1,407	1,110	1,023	969	12	36	2,203
Laurens	30	23	1	1	.....	.....	66	71	1,066	1,294	2,192	2,253	317	565	2,843
Lexington	.....	.....	2	5	4	5	.....	.....	2,634	2,981	2,181	2,163	90	92	3,239
Marion	.....	.....	.....	.....	.....	.....	.....	.....	726	744	755	802	34	42	3,472
Marlboro	.....	.....	.....	.....	.....	.....	33	40	1,252	1,238	600	541	.....	.....	3,195
Newberry	183	244	5	4	.....	.....	6	4	1,390	1,353	3,015	2,680	22	16	2,564
Oconee	26	25	5	8	.....	.....	13	14	1,165	1,391	1,059	1,323	141	156	2,289
Orangeburg	15	21	1	1	3	2	4	2	2,538	2,308	2,014	1,614	149	83	6,576
Pickens	11	18	20	35	.....	.....	17	19	456	451	716	818	38	54	1,008
Richland	39	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	2,389	934	1,087	196	260	1,759
Sumter	.....	.....	.....	.....	.....	.....	2	5	2,190	2,165	1,766	1,446	89	104	5,733
Union	23	15	.....	.....	.....	.....	73	74	989	1,067	161	203	47	134	1,852
Williamsburg	12	8	1	1	.....	.....	.....	.....	1,071	971	1,224	1,139	32	33	3,715
York	145	148	10	10	.....	.....	76	182	1,777	1,818	2,069	1,573	116	88	3,076
Catawba[1]	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....

SOUTH DAKOTA.

The State	2,066,409	2,043,405	126,260	195,243	13,029	28,265	2,573	4,614	21,573	28,517	27,071	32,420	30,960	45,928	5,382
Aurora	43,640	40,782	2,095	2,609	15	30	.....	.....	10	20	145	234	901	950	257
Beadle	74,499	68,442	3,448	2,866	.....	.....	.....	.....	1	1	500	561	2,461	3,621	30
Bonhomme	43,331	38,237	1,309	2,657	248	767	35	27	7	19	65	115	335	709	21
Brookings	29,202	34,339	2,796	3,696	.....	.....	30	30	4,276	5,128	478	955	487	1,194	806
Brown	98,850	88,414	13,145	17,795	.....	.....	.....	.....	109	109	179	166	235	435	100
Brule	60,051	48,041	621	834	100	90	.....	.....	3	4	322	359	301	560	.....
Buffalo	12,614	9,226	210	185	.....	.....	.....	.....	.....	.....	189	173	12	12	.....
Butte	25,902	22,732	240	238	2,881	5,821	23	48	243	382	2,351	2,445	263	380	703
Campbell	46,389	41,358	390	544	.....	.....	.....	.....	.....	.....	137	235	255	489	377
Charles Mix	56,209	50,557	2,041	3,102	34	80	.....	.....	6	5	270	244	805	1,248	.....
Clark	48,216	58,660	3,400	4,649	34	44	.....	.....	25	28	104	137	506	919	100
Clay	25,818	43,362	5,043	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	.....	.....	30	50	.....
Custer	5,609	6,970	435	680	1,424	3,748	2	2	375	652	1,941	3,102	275	362	30
Davison	34,362	31,743	3,970	5,570	84	143	.....	.....	27	30	881	1,458	399	956	833
Day	55,377	72,363	5,180	7,335	.....	.....	.....	.....	300	408	133	107	70	280	.....
Deuel	30,410	38,473	574	915	.....	.....	7	18	2,530	2,771	325	397	34	109	.....
Douglas	24,247	28,257	880	1,460	.....	.....	.....	.....	70	70	275	326	398	600	45
Edmunds	43,050	45,042	2,195	3,237	.....	.....	.....	.....	.....	.....	9	26	28	61	.....
Fall River	2,322	2,034	90	140	548	1,577	.....	.....	28	25	727	692	1,596	2,074	178

[1] Indian reservation.

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.	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	6,152	7,055	999	1,793	8	24	1	2			59	77	6	10	
Hamlin	24,289	29,202	2,066	2,918			1	2	437	407	71	89	209	309	50
Hand	74,992	62,622	3,695	4,084					65	190	57	26	1,357	1,324	180
Hanson	23,559	25,427	2,342	3,614					41	57	24	50	710	1,411	
Hughes	23,726	13,500	700	804	5	10			5	6	54	69	227	311	
Hutchinson	73,524	68,953	1,890	3,646	47	102	12	11	10	10	80	102	18	51	
Hyde	34,675	25,183	879	1,278	26	41			11	16			282	1,065	
Jerauld	40,420	38,391	721	716							267	264	226	262	
Kingsbury	38,394	45,761	5,034	7,130			18	25	532	724	91	124	1,340	1,435	40
Lake	18,642	24,288	3,492	6,617	25	50			316	400	32	64	83	104	
Lawrence	3,285	2,865	1,735	1,799	3,009	5,818	98	151	6,062	7,087	2,871	3,071	290	301	15
Lincoln	28,216	29,187	4,979	11,236	399	774	476	853	282	507	165	320	399	1,109	
Lyman	17,425	16,571	189	216	30	100					24	20	412	548	
McCook	34,705	34,586	1,645	2,950					44	88			10	20	
McPherson	51,619	56,389	605	1,005							8	16			35
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	597	6,884	6,262	6,569	6,514	199
Meyer	500	540											11	20	
Miner	27,124	28,516	2,910	3,893					30	60	3	3	606	670	35
Minnehaha	51,112	64,280	5,565	10,864	14	28	84	186	1,431	2,875	363	723	321	901	
Moody	24,169	26,324	3,121	5,202	1	2	26	34	1,507	1,992	15	30	215	321	
Pennington	15,591	14,094	489	714	1,518	4,192	931	1,831	530	916	3,710	3,910	1,774	1,433	5
Potter	47,153	31,808	191	281							73	131	13	41	
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	88,735	75,350	9,289	11,112					30	34	1,180	1,285	2,622	2,947	130
Stanley	17,242	15,276	1,690	1,010									42	32	
Sully	74,530	41,294	1,500	2,062	3	4					95	171	375	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	3,358	8,549	175	266	316	556	824	1,677	226	514	577	1,666	86
Walworth	48,529	40,564	187	227							36	52	26	116	53
Washington	30	30													
Yankton	39,001	44,331	2,471	5,745	265	541	84	147	38	40	311	787	816	2,838	70
Crow Creek[1]	2,639	3,212	26	35	30	40							2	10	
Lower Brule[1]	1,317	1,515													
Pine Ridge[1]	13,940	13,940			8	30					10	20			
Rosebud[1]	20,873	19,839	298	436	4	4	150	135					15	20	

TENNESSEE.

The State	11,528	10,444	97,576	104,690	654	1,173	104,134	106,829	218,821	222,795	181,318	184,946	31,586	48,573	123,270
Anderson	216	428	1,394	1,589	3	4	797	863	3,603	3,757	1,288	1,278	872	759	1,677
Bedford	49	26	3,632	2,629			2,596	2,966	3,035	3,077	3,347	3,524	438	702	424
Benton	7	8	759	1,001			107	87	382	420	3,278	3,690	58	63	179
Bledsoe	150	124	198	226			220	177	2,272	2,012	1,628	1,311	849	2,559	3,334
Blount	515	495	2,175	2,687			1,935	1,829	3,803	4,413	2,433	2,602	905	1,324	8,274
Bradley	204	185	639	695			697	547	3,405	3,032	1,877	1,703	305	338	2,549
Campbell	48	41	1,400	1,678	2	4	1,154	1,082	2,159	1,715	384	395	806	432	973
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	768	3,058	2,808	252	355	32	27	712
Cheatham	1	1	562	533			1,019	1,112	425	394	96	79	20	29	76
Chester	83	75	43	83			104	168	863	767	1,313	1,666	368	890	538
Claiborne	18	39	814	879			1,004	952	3,155	3,570	276	369	89	48	2,787
Clay	3	3	421	272			250	218	267	203	975	816	144	191	416
Cocke	9	14	611	635	2	2	1,294	1,271	2,144	2,217	163	167	43	58	1,858
Coffee	71	57	1,219	1,168	3	4	356	437	1,677	1,806	3,570	3,539	199	321	861
Crockett	17	13	707	608			393	523	3,181	3,617	2,633	2,337	632	1,347	877
Cumberland	451	389	1,216	1,220	20	30	207	217	1,480	1,503	1,338	1,261	402	457	285
Davidson	6	15	3,102	3,129	93	123	2,944	3,373	5,601	6,121	5,450	6,124	1,133	2,492	727
Decatur	4	8	155	201	4	4	120	117	463	579	943	955	16	22	90
Dekalb			2,197	3,214			703	901	1,669	1,618	323	334	223	406	424
Dickson	55	41	577	551	10	10	1,242	1,028	1,746	1,597	1,386	1,219	83	80	925
Dyer	4	4	49	69	3	2	3,330	4,140	1,848	2,220	1,704	1,939	279	473	420
Fayette	641	706	67	97			46	61	2,413	2,544	2,414	2,774	103	195	2,378
Fentress	261	267	373	316			668	675	322	297	123	72	22	22	81
Franklin	105	92	1,070	1,217			532	558	1,485	1,464	5,141	4,643	492	547	1,865
Gibson	79	54	81	115			1,975	2,233	9,506	9,657	6,656	7,580	398	584	581
Giles	39	21	1,480	1,694	1	1	1,342	1,283	1,167	1,099	1,422	1,466	518	1,373	927
Grainger	29	29	1,100	1,141			664	614	1,725	1,585	943	939	76	77	2,396
Greene	162	246	1,448	1,433			4,071	3,518	13,674	13,281	709	571	259	269	6,478
Grundy	56	45	302	313	2	3	223	248	345	319	1,451	1,492	152	173	186
Hamblen	11	11	2,048	1,755			1,415	1,123	1,975	2,036	712	773	239	386	759
Hamilton	515	583	2,941	3,319			313	305	938	1,168	1,463	1,455	597	730	956
Hancock	4	4	402	377	6	5	479	435	1,599	1,591	101	131	26	48	844
Hardeman	96	184	81	122	3	6	190	250	2,612	2,413	1,335	1,865	72	91	1,346

[1] Indian reservation.

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Hardin	55	61	453	480	.....	.....	235	310	369	412	1,614	1,599	203	252	254
Hawkins	2	1	1,425	1,364	.....	.....	2,959	2,661	8,753	9,470	1,110	1,237	279	343	3,447
Haywood	48	58	69	103	31	51	354	329	2,966	2,863	4,552	4,192	72	80	454
Henderson	5	9	46	47	.....	.....	345	535	1,265	1,428	2,788	3,399	39	96	931
Henry	328	243	370	363	.....	.....	2,989	2,969	2,043	1,942	6,036	6,162	182	203	214
Hickman	20	18	438	653	1	4	923	1,254	1,070	1,180	1,641	2,027	371	829	588
Houston	2	2	434	475	.....	.....	609	543	518	404	408	425	93	135	8
Humphreys	16	16	1,050	1,179	.....	.....	840	712	994	904	3,404	3,186	126	249	71
Jackson	73	56	585	786	1	5	652	763	164	177	1,285	1,393	269	388	476
James	202	167	501	589	.....	.....	469	428	795	647	429	359	60	96	108
Jefferson	537	196	2,824	3,111	25	13	2,663	2,257	5,553	5,616	1,020	981	1,817	2,041	5,976
Johnson	.....	.....	28	36	.....	.....	241	185	4,814	4,214	10	10	20	20	1,768
Knox	879	476	8,224	8,250	21	34	2,582	2,342	9,408	10,130	4,572	4,270	1,326	2,194	6,143
Lake	1	1	34	38	113	125	317	382	364	361	133	171	10	13	.....
Lauderdale	2	2	52	67	12	36	902	1,040	2,094	1,974	2,259	1,872	124	221	160
Lawrence	1	1	607	598	8	7	245	214	1,098	1,085	477	450	70	74	392
Lewis	22	17	104	109	.....	.....	535	543	20	17	767	631	170	209	275
Lincoln	20	19	2,221	2,458	.....	.....	413	324	1,971	1,969	481	594	419	825	265
Loudon	145	116	643	810	.....	.....	855	768	2,321	2,116	1,621	1,820	79	182	3,844
McMinn	1,286	1,047	2,081	2,152	.....	.....	978	739	4,295	4,247	2,375	2,582	1,418	1,708	2,028
McNairy	279	273	28	33	.....	.....	45	41	579	565	2,070	2,248	11	23	834
Macon	72	58	1,961	1,858	.....	.....	1,010	917	231	238	1,119	1,064	206	377	418
Madison	10	8	240	267	.....	.....	668	665	1,444	1,455	5,153	4,987	254	297	2,272
Marion	102	98	324	337	.....	.....	115	128	1,012	843	3,482	2,719	373	436	372
Marshall	26	16	3,656	3,367	7	13	475	364	2,379	2,465	812	749	593	999	560
Maury	16	16	1,571	1,757	11	23	3,699	4,701	1,623	1,829	2,446	2,999	801	2,018	694
Meigs	366	313	405	436	.....	.....	379	334	1,424	1,242	1,471	1,441	298	306	320
Monroe	259	327	912	1,291	2	2	1,072	993	3,456	3,355	2,650	2,624	568	1,180	4,851
Montgomery	77	69	356	446	102	444	2,390	2,442	2,931	3,401	738	679	141	301	309
Moore	2	2	393	461	.....	.....	93	92	893	916	517	577	22	46	37
Morgan	379	341	690	758	.....	.....	130	107	2,032	1,877	882	728	175	249	767
Obion	435	413	86	127	.....	.....	6,204	7,054	2,860	3,304	3,074	3,558	452	736	161
Overton	84	72	1,323	1,320	.....	.....	257	286	414	354	1,677	1,342	68	70	1,385
Perry	10	5	138	205	.....	.....	335	336	227	286	1,269	1,149	174	404	3
Pickett	4	7	424	497	.....	.....	309	303	119	85	678	612	2	4	251
Polk	219	227	59	83	.....	.....	112	128	3,543	3,644	302	317	140	179	632
Putnam	29	21	991	1,469	3	2	236	266	1,099	825	1,576	1,567	170	274	514
Rhea	198	133	757	763	11	13	566	498	1,654	1,450	1,437	1,289	184	209	642
Roane	466	433	1,364	1,521	9	9	486	438	4,725	4,744	1,808	1,812	159	135	1,084
Robertson	2	1	166	155	.....	.....	2,627	3,071	1,381	1,508	2,110	2,583	88	121	2,148
Rutherford	18	13	3,370	3,460	.....	.....	2,081	2,092	1,570	1,517	4,946	4,603	1,601	2,392	1,550
Scott	166	155	870	906	12	11	147	143	1,089	1,031	126	151	89	92	1,450
Sequatchie	41	19	205	178	.....	.....	13	13	441	264	1,133	800	32	62	362
Sevier	30	22	1,056	970	11	7	2,963	2,567	3,779	3,715	895	675	92	74	2,734
Shelby	4	3	119	159	.....	.....	302	455	3,446	4,084	4,000	4,616	122	121	619
Smith	51	29	1,752	2,682	17	15	1,833	2,282	1,607	2,148	1,895	2,350	280	478	1,246
Stewart	45	44	496	593	5	10	1,073	1,027	1,715	1,847	911	915	75	93	64
Sullivan	5	9	1,001	857	11	7	3,985	3,536	6,403	6,576	671	765	258	514	3,633
Sumner	38	41	1,889	2,039	.....	.....	1,305	1,495	4,185	4,665	2,698	3,584	926	909	1,260
Tipton	11	11	31	49	.....	.....	210	279	2,794	2,876	1,859	1,990	64	98	426
Trousdale	.....	.....	460	514	1	3	310	289	717	777	1,057	1,221	409	411	207
Unicoi	.....	.....	97	109	.....	.....	326	299	1,008	965	35	28	67	53	337
Union	52	58	1,310	1,547	1	1	747	843	1,950	2,113	241	177	10	10	1,759
Van Buren	4	5	195	180	.....	.....	16	13	867	695	445	445	8	30	7
Warren	62	78	2,199	2,165	1	2	47	57	781	731	4,667	4,399	201	233	1,744
Washington	54	40	1,101	919	.....	.....	4,425	3,529	5,707	6,275	962	1,026	341	373	4,033
Wayne	15	10	293	334	.....	.....	670	619	343	404	531	514	177	227	803
Weakley	25	28	265	215	.....	.....	1,774	1,708	3,660	3,512	6,920	6,780	984	1,309	652
White	140	88	848	730	.....	.....	291	268	680	655	3,352	2,356	117	125	1,875
Williamson	20	14	1,709	2,479	.....	.....	3,553	4,424	1,654	1,660	2,036	2,492	586	1,368	540
Wilson	111	189	3,809	4,173	50	90	2,323	3,115	4,199	4,581	3,744	4,008	1,320	2,347	4,027

TEXAS.

The State[1]	286,079	280,145	152,750	234,680	18,999	33,394	1,940	3,344	63,605	88,645	52,051	87,273	362,600	738,971	27,853
Anderson	16	20	461	484	120	182	6	6	24	53	1,134	1,706	318	583	498
Andrews	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	9	.....
Angelina	2	4	.....	.....	60	65	.....	.....	36	32	71	56	37	65	14
Aransas	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	24	.....
Archer	115	149	3,586	6,388	.....	.....	.....	.....	25	37	1,642	3,463	4,356	9,844	.....
Armstrong	1,135	910	2,392	3,000	150	491	.....	.....	409	479	1,618	3,495	5,030	7,990	.....
Atascosa	107	112	29	26	52	95	.....	.....	136	163	722	1,301	1,963	3,294	33
Austin	12,392	13,292	748	854	.....	.....	.....	.....	852	947	282	481	319	482	3,419
Bailey	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70	100	.....
Bandera	89	134	185	294	84	180	.....	.....	118	126	.....	.....	788	1,738	4
Bastrop	70	100	104	180	79	141	2	3	175	273	126	215	1,104	2,913	112
Baylor	200	329	721	1,317	44	70	.....	.....	158	185	60	85	5,403	13,162	10
Bee	264	369	125	194	20	40	.....	.....	189	228	51	68	2,976	6,487	8
Bell	945	584	1,672	2,262	51	70	4	8	227	264	56	100	762	1,769	90
Bexar	2,093	969	138	155	51	80	36	106	1,773	1,810	458	871	7,044	12,954	559

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

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	12,656	10,066	12	22	17	32	10	30	85	120	242	598	287	761	2
Brazos	590	1,464	471	726	138	475			11	13	54	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	1,077
Brown	1,022	1,329	2,700	4,095	64	163	33	107	6	11	75	76	2,822	5,181	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	1,593	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	106	485
Carson			783	1,022					21	40	250	245	1,383	1,985	
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	52	
Cherokee	80	125	31	32	30	50			170	196	71	67	52	87	341
Childress	243	166	3,981	5,681					240	491	102	157	7,853	12,307	83
Clay	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	425	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	1,655	4,562	24
Collingsworth	545	394	2,079	3,278	191	299			1,274	2,358	136	164	3,080	5,899	492
Colorado	4,702	3,259	267	208	40	40			161	193	319	407	2,051	3,917	724
Comal	48	25	64	93	1	5			330	351	444	596	1,068	3,045	920
Comanche	759	722	1,015	1,631	7	22	11	16	433	590	955	1,084	1,361	2,559	32
Concho	170	380	46	55							55	70	2,089	4,217	
Cooke	12,929	13,080	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									
Dallas	4,120	4,528	2,296	2,737	1,737	1,432	28	22	3,608	3,633	726	1,076	2,115	5,730	9
Dawson													86	93	
Deaf Smith	650	465	1,291	1,860	47	105			217	236	462	812	2,064	3,441	
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	3	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	944	3,954	9,732	404
Dickens			64	143					3	5	131	190	1,458	3,968	
Dimmit	50	50			2	6			72	58	10	4	481	1,057	
Donley	516	540	2,418	3,109	45	32			32	70	124	53	5,772	7,430	
Duval			11	23					26	30	1	1	360	871	
Eastland			889	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	39	740	1,505	10
Ellis	4,035	3,801	1,434	2,183	592	949	16	42	124	206	264	411	921	2,579	30
El Paso					1,993	1,900			10	17	12	9			
Erath	431	367	742	1,162	2	3	2	3	830	1,383	689	831	2,436	4,573	20
Falls	1,355	1,456	2,653	4,426	71	99	11	17	391	493	823	1,528	352	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			394	645	1,097	1,676	4,878	8,920	2,284
Fisher	4	4	862	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	7,786	
Foard			1,785	2,578					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	396	179	353	345	631	23
Freestone	111	138	358	479	1	2			31	27	177	262	227	440	16
Frio	434	766	3	3					30	38	23	30	3,606	5,705	4
Gaines													35	15	
Galveston	3,921	4,088							35	63	15	35	106	482	
Garza	110	195	3	6									133	340	
Gillespie	10	15	76	95	10	22	1	3	53	92	1,500	5,308	2,703	8,798	1,343
Glasscock	345	466			20	75							204	328	
Goliad	220	240	118	216	5	10	2	12	140	324	99	163	2,298	6,048	202
Gonzales	1,120	1,179	1,434	2,872	22	50	4	3	32	41	83	179	2,576	6,098	2
Gray	1,898	1,734	1,153	1,728	75	207			1,722	3,173			1,004	1,846	
Grayson	8,137	8,492	3,451	4,992	66	164	165	608	497	679	351	678	1,343	3,460	16
Gregg	8	12	7	8					8	13	26	32	60	138	162
Grimes	844	919	27	30					990	1,097	31	28	81	124	96
Guadalupe	393	816	1,198	2,065	9	12	1	4	608	1,119	59	71	2,384	6,223	37
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	348	1,092	1,681	52	106			296	246	373	463	730	1,272	6
Hansford	895	950	216	321	190	393			5	8	50	100	910	2,500	
Hardeman			4,346	8,731	2	6	1,196	1,590	2	4	58	99	9,648	26,561	290

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.
Hardin			1	1					4	7			15	23	8
Harris	15,336	14,761	159	218	1	2			58	79	64	62	624	1,619	11
Harrison	463	511	57	81	27	37			31	54	86	76	174	560	326
Hartley	1,267	1,317	5	5	100	150			70	72	10	20	1,127	1,415	
Haskell	211	402	2,205	4,480					259	453	44	71	2,657	5,308	
Hays	376	673	1,386	1,889					632	1,029	48	90	1,589	4,196	61
Hemphill	5,251	5,930	1,556	2,832	22	43			35	49	180	390	1,858	3,961	
Henderson	46	54	349	148	6	6	6	9	124	166	63	50	419	655	588
Hidalgo	4	3							10	10			37	23	409
Hill	5,358	5,739	1,957	3,122	95	165	5	25	492	813	265	290	1,633	2,788	26
Hockley													50	55	
Hood	760	621	192	325					179	292	16	5	790	1,975	
Hopkins	2,226	2,464	939	1,207	19	64	1	2	297	586	281	550	959	2,048	40
Houston	134	140	39	73	30	38	2	1	37	92	75	127	165	198	528
Howard	213	216	15	27									1,516	1,503	21
Hunt	5,620	5,823	1,460	2,188	58	100	18	28	797	897	64	157	510	1,480	15
Hutchinson	280	300	5	4	120	500							591	1,193	
Irion	98	190			362	643			203	432			16	16	100
Jack	730	740	857	1,276			30	73	610	763	1,151	1,864	3,650	6,435	6
Jackson	8,826	6,032	104	162			2	1	12	20	36	34	236	644	20
Jasper											6	5	166	141	237
Jeff Davis	5	5	1	1	81	143			20	60	17	12	134	132	
Jefferson	53	73			10	10			5	8			53	195	
Johnson	5,550	3,593	1,774	2,419	52	59	10	10	2,804	2,959	320	456	1,337	2,874	18
Jones	163	242	2,518	4,981					124	232	194	388	6,411	14,052	44
Karnes	330	1,135	9	7					25	40	1,026	2,299	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	3
Kendall	107	154	8	14	126	269			72	91	607	1,402	1,444	3,819	
Kent	60	180	2	3					12	48			658	1,515	
Kerr	10	20	175	351					169	256	840	1,394	3,252	6,389	
Kimble	116	161	32	37	628	1,643			145	334	55	87	495	1,050	
King			189	234									257	983	
Kinney	145	285			180	260			281	439			25	38	
Knox	75	120	329	508			38	39	67	129	25	32	3,937	9,266	
Lamar	9,560	10,897	1,257	1,633	536	1,199	27	79	271	368	445	498	330	501	8
Lamb	100	60							30	20			10	12	
Lampasas	47	78	1,197	1,816	4	4			241	243	731	924	901	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	1,273
Lee	592	572	252	243			15	20	102	109	318	452	362	580	363
Leon	469	397	170	178					24	32	17	25	246	452	109
Liberty	1,358	1,598	21	36					10	14	7	5	16	42	3
Limestone	1,316	1,323	2,375	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	632	725	34	44			186	158	727	1,221	1,065	1,893	18
Lubbock			30	31					70	75	635	1,352	1,229	1,823	
Lynn													120	120	
McCulloch	1,875	3,190	785	1,766			4	8	12	23	78	64	1,432	2,595	
McLennan	3,045	2,269	4,624	6,411	410	586			1,800	3,237	570	752	712	1,594	55
McMullen	79	101							54	54	7	2	488	745	
Madison	4	7	93	125			6	9	34	34	3	7	75	145	31
Marion			10	13	10	8			2	3	61	47	34	25	129
Martin					1	2							237	304	
Mason	20	40	51	68	41	96			60	50	5	14	1,840	4,011	
Matagorda	2,082	1,848	11	13	30	180			11	19	40	120	291	649	
Maverick	704	712							40	300	425	1,000	31	124	
Medina	146	126	14	14	84	282			434	529	595	987	3,864	6,844	777
Menard	40	20	100	125	48	116			651	1,047	147	302	310	647	
Midland	10	6			5	6			1	2			231	270	
Milam	153	207	728	966	110	109	3	3	303	538	363	545	697	1,720	85
Mills			957	1,656			6	6	971	1,696	307	328	1,482	3,516	
Mitchell			167	160					975	1,124	292	292	2,342	3,382	
Montague	3,136	2,420	1,384	1,798	7	7			527	788	220	258	2,014	3,983	159
Montgomery	254	252	42	136					48	77	16	26	19	26	47
Moore	309	368	123	215	9	50			36	41			444	692	25
Morris	4	9	15	15					5	7	2	1	48	90	21
Motley	19	52	412	1,224					101	257	179	581	1,924	4,687	75
Nacogdoches	6	10							17	29	8	11	146	242	38
Navarro	2,245	1,958	2,048	2,260	60	171			430	504	545	632	531	1,063	9
Newton									3	6			5	6	50
Nolan			604	1,070					39	49	247	240	2,150	4,198	2
Nueces	293	253	238	289	1	2			15	30	254	165	1,970	4,637	
Ochiltree	897	577	292	574							18	18	839	3,060	
Oldham	1,565	795	125	150	6	6							139	211	
Orange	99	89	57	70					23	48	189	229	583	1,409	
Palo Pinto	50	76	939	1,469	15	48			481	753	185	216	1,056	2,567	3
Panola	503	466	9	10					7	11	25	21	54	158	187
Parker	3,009	2,020	892	1,152	3	9	10	10	2,552	2,833	395	395	1,105	1,975	14
Parmer									120	125			55	100	

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			530	898			52	51			360	465	
Polk			5	5	23	44			48	52	62	117	88	150	103
Potter	390	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					34	85	4	6	253	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	138	205	280	628	10
Reeves					977	2,916			307	211			26	131	
Refugio	114	221							230	173	5	20	379	1,085	6
Roberts	2,432	3,873	387	762	40	93			14	25			1,084	6,341	
Robertson	277	289	223	334	187	399			385	516	181	326	835	1,937	153
Rockwall	1,038	1,064	992	1,286	74	68			50	70	6	10	34	98	
Runnels	442	954	2,045	3,909	10	20			992	1,449	164	311	7,371	15,879	
Rusk			43	53					43	93	147	238	158	335	288
Sabine	2	2	4	7									2	8	125
San Augustine			1	3					2	3					
San Jacinto	3	5	6	18							4	4	124	231	30
San Patricio	85	67	30	35							1	1	367	798	
San Saba	15	20	578	1,106	6	16			497	871	9	9	1,228	3,047	40
Schleicher													605	1,011	
Scurry	15	12	2,724	5,057					278	282	60	165	5,659	8,530	
Shackelford			1,236	1,857					1,967	2,923	50	140	6,573	14,859	13
Shelby			4	8					6	9	18	21	11	82	16
Sherman	1,062	929			60	160							864	1,352	
Smith	42	44	616	842	4	4			225	417	470	378	303	358	575
Somervell			58	82					125	350			41	113	3
Starr													242	426	135
Stephens	1	1	2,345	3,254					281	282	139	76	3,091	5,570	9
Sterling	80	95			15	20			31	31	38	75	1,019	1,028	
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	312	1,572	2,579	44	62	1	1	171	154	1,270	853	7,357	11,176	
Tarrant	9,515	6,784	1,389	1,937	34	67	41	41	3,723	4,801	145	146	2,086	4,622	57
Taylor	50	49	2,058	3,226					619	609			7,487	13,622	20
Terry													65	190	
Throckmorton	260	371	25	25					24	17			3,612	7,193	
Titus	49	38			8	16			13	19	27	53	71	218	87
Tom Green	639	856	66	58	464	560			678	922	96	196	4,950	9,600	
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	56	125
Upshur	2	2	46	45					19	19	22	35	52	62	22
Upton													17	40	
Uvalde	753	821	4	6	14	29			53	79	50	37	1,606	1,947	20
Valverde	318	348	6	18					1,163	2,042	40	58	23	58	
Van Zandt	4,777	3,338	78	127					48	68	67	146	283	641	37
Victoria	3,480	3,304	138	266					384	246	833	1,686	2,973	5,436	41
Walker	95	85	15	26	25	60			97	86			50	126	10
Waller	1,067	1,095	152	162	232	267			5	8	37	71	382	396	7
Ward			15	15	478	1,021			7	6	236	396	593	1,357	
Washington	3,105	3,507	2,032	2,121	16	45			63	69	301	447	534	1,403	546
Webb	1,992	1,962	13	16									708	1,685	59
Wharton	12,966	11,474	5	7					5	8	2	3	20	41	2
Wheeler	5,160	4,800	977	1,539	30	42	20	50	51	56	60	120	2,136	4,508	25
Wichita	74	148	2,516	3,940					327	574			1,452	3,309	
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	1,993	4,062	447
Wise	1,288	1,585	1,161	1,449					1,574	1,990	191	325	1,488	2,527	1
Wood	37	37	41	49	2	2			45	74	139	119	206	198	1,327
Young			2,841	5,289					325	435	355	351	3,004	6,433	144
Zapata											4	5	108	110	
Zavalla	15	15	3	9					195	182			249	534	

UTAH.

The State	71,065	88,690	2,604	3,376	268,229	681,515	1,357	2,995	38,999	66,587	3,324	4,290	2,465	3,509	902
Beaver	294	390			4,723	9,287	85	190	1,493	2,543	86	175	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	356	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	1,762	2,250	217	220	14,727	42,386	90	249	1,341	3,671	258	306	20	34	50
Emery	546	803	25	47	7,029	14,470	73	133	76	202	44	58	73	147	
Garfield	543	870			2,532	5,047			787	1,050	81	88	51	54	
Grand	260	365			1,497	4,098					40	70	5	7	395
Iron	313	319			2,275	4,692			153	185			7	8	43
Juab	323	395	719	802	5,780	13,128	80	115	937	980	81	48	147	142	20

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	235	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	3,959	10,362	27	60	894	1,875	66	75	34	55	.....
Piute	603	712	480	680	2,875	5,222	.....	.....	1,419	1,870	160	179	.....	.....	.....
Rich	22,147	21,772	.....	.....	8,212	16,195	.....	.....	515	1,025	130	132	80	74	.....
Salt Lake	897	1,372	1	2	25,251	91,266	19	36	1,387	2,675	120	196	139	254	41
San Juan	3	3	.....	.....	995	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	5,362	6,397	.....	.....	5,227	12,670	303	593	8,691	13,797	804	1,020	61	64	.....
Tooele	2,393	3,052	.....	.....	5,964	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	95,316	112	253	1,389	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	339	332	.....	.....	2,774	6,373	23	31	40	55	14	20	34	32	.....
Wayne	738	741	10	8	3,381	5,170	22	38	12	11	206	184	110	114	18
Weber	1,138	1,675	25	70	18,316	55,441	260	751	1,355	2,855	131	256	71	172	10
Uinta Valley and Uncompahgre [1]	116	77	.....	.....	1,455	2,755	.....	.....	20	30	.....	.....	.....	.....	.....

VERMONT.

The State	6,700	7,163	3,286	5,972	38	45	3,692	5,580	935,215	1,008,896	17,924	33,178	39,520	269,138	6,375
Addison	911	1,251	20	28	.....	.....	221	324	103,661	103,460	844	1,182	2,823	10,606	903
Bennington	588	546	148	205	.....	.....	51	63	47,033	45,602	577	872	702	4,168	91
Caledonia	98	91	483	1,051	16	13	484	725	68,200	77,863	2,038	4,874	3,210	29,036	828
Chittenden	768	838	30	55	.....	.....	404	642	62,053	75,198	1,315	2,401	4,726	26,244	229
Essex	318	340	86	217	.....	.....	883	1,028	25,452	27,199	507	863	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	36,839	43,891	547	946	1,956	14,101	327
Orange	831	713	427	806	1	1	166	210	84,240	79,831	2,100	3,925	4,005	31,786	909
Orleans	581	767	613	1,228	14	21	105	193	74,612	92,703	2,072	4,062	3,784	31,339	.....
Rutland	999	1,337	35	70	.....	.....	60	64	93,498	97,075	1,446	2,497	2,554	18,572	90
Washington	45	27	257	360	.....	.....	118	181	72,746	89,501	1,589	3,215	2,804	17,620	79
Windham	852	576	575	787	3	6	330	482	68,816	65,843	1,487	2,764	2,178	13,617	905
Windsor	25	24	264	446	4	4	377	773	100,077	95,238	2,124	3,570	5,099	32,623	1,889

VIRGINIA.

The State	2,696	2,922	13,815	15,294	349	521	104,124	105,640	442,070	437,436	40,531	44,329	9,877	21,837	315,100
Accomac	131	64	.....	.....	.....	.....	597	897	2,816	3,035	362	389	22	42	5,021
Albemarle	1	1	133	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	1,627	1,673	11	35	.....
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	39	42	2	2	1,888	1,861	2,348	2,387	107	141	29	29	1,079
Appomattox	.....	.....	2	3	.....	.....	455	461	1,359	1,145	2	3	14	15	1,104
Augusta	.....	.....	96	121	.....	.....	5,467	5,370	30,239	31,412	871	1,201	321	1,060	10,500
Bath	.....	.....	9	5	.....	.....	94	75	4,103	3,747	12	13	.....	.....	1,803
Bedford	62	70	136	220	18	26	5,970	6,356	6,042	6,059	463	516	219	411	6,771
Bland	.....	.....	.....	.....	.....	.....	78	97	5,824	6,302	207	338	6	20	187
Botetourt	.....	.....	130	136	1	3	4,488	3,999	5,148	5,432	90	107	383	475	3,600
Brunswick	.....	.....	8	9	.....	.....	976	1,294	1,167	1,262	171	228	35	50	1,653
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	.....	.....	1,531	1,881	1,730	1,830	515	508	46	88	2,993
Caroline	46	44	849	1,238	11	12	956	1,035	519	606	700	831	80	86	1,149
Carroll	61	47	27	19	.....	.....	458	349	11,940	9,296	299	259	8	11	5,450
Charles City	.....	.....	2	2	1	2	960	787	710	714	23	24	6	11	617
Charlotte	.....	.....	10	12	1	1	560	594	2,262	2,531	318	509	3	1	1,024
Chesterfield	287	367	285	456	1	1	839	960	3,314	4,002	1,182	1,146	466	2,206	2,446
Clarke	.....	.....	11	28	.....	.....	307	252	4,583	4,040	1,792	1,796	36	36	5,489
Craig	.....	.....	5	3	.....	.....	12	22	3,800	3,649	127	160	.....	.....	150
Culpeper	5	3	27	50	.....	.....	978	801	11,199	8,481	584	450	66	340	6,455
Cumberland	.....	.....	14	18	4	5	350	323	596	630	.....	.....	.....	.....	1,877
Dickenson	.....	.....	69	68	.....	.....	86	87	737	686	243	196	.....	.....	1,338
Dinwiddie	58	64	70	80	.....	.....	845	960	1,607	1,703	303	275	103	157	2,530
Elizabeth City	199	383	7	14	1	1	267	340	340	344	224	330	167	556	305
Essex	5	7	1	2	.....	.....	955	1,166	2,485	2,461	488	556	13	21	817
Fairfax	58	78	135	214	.....	.....	1,194	1,430	7,666	7,001	718	903	394	1,726	3,772
Fauquier	.....	.....	18	29	.....	.....	128	128	9,527	8,432	1,689	1,272	28	126	7,452
Floyd	2	1	47	53	.....	.....	240	183	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	5,696	5,567	163	186	3	8	4,723
Frederick	.....	.....	66	54	.....	.....	561	545	12,824	12,217	2,978	3,049	90	123	5,217

[1] Indian reservation.

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.		
													Sown for forage.		Corn stalks.
	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Acres.	Tons.	Tons.
Giles			127	134			309	345	4,296	4,011	244	260	22	24	7,602
Gloucester			12	13			413	423	2,572	2,785	225	255	24	58	823
Goochland	62	47	213	226	7	22	914	640	3,109	3,270	27	21	215	255	2,290
Grayson	1	1	8	9			341	290	13,450	12,127	164	259	29	23	9,124
Greene			5	4	3	2	116	105	2,649	2,026					1,490
Greensville			22	20			89	95	551	571	83	99	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	2,868	649	436	84	98	3,141
Henrico	183	163	249	349			1,951	2,702	3,750	5,478	985	1,563	255	627	6,127
Henry	2	2	2	2			1,322	1,040	1,115	1,216	269	351	47	89	2,053
Highland							48	44	8,152	7,011	44	33	11	18	
Isle of Wight			6	6			49	57	608	827	247	243	1	3	2,628
James City			52	55	7	7	124	158	1,559	1,614	92	96	1	6	804
King and Queen	47	85	48	56			355	375	678	764	335	376			1,782
King George	12	17	2	2	6	4	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	465	109	57	549
Lee	25	23	1,781	1,745			1,114	1,025	3,995	3,753	1,011	1,065	109	96	3,112
Loudoun			70	86	2	2	1,555	1,598	12,495	11,364	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	1,029
Madison			2	1			390	423	5,605	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	3,854	3,599	260	279	222	314	2,773
Middlesex	12	8			1	1	1,706	1,965	248	284	90	94	8	6	2,836
Montgomery	3	3	268	345			1,044	998	7,720	8,104	301	324	22	31	962
Nansemond	212	125	122	140			435	478	1,412	1,467	216	227	62	96	3,219
Nelson			3	6			149	208	2,728	2,653	31	38	32	91	200
New Kent							27	37	392	448	177	192			1,599
Norfolk	74	64	424	824	20	90	193	385	5,179	7,064	389	601	242	500	818
Northampton							389	524	1,649	1,900	63	75			2,137
Northumberland	6	6	53	72	5	5	2,584	2,282	852	848	585	668	54	26	1,933
Nottoway	12	14	20	38	22	46	761	894	798	835	49	51	4	8	206
Orange			8	16	11	9	1,797	1,556	7,335	6,816	1,030	1,615	210	1,438	1,209
Page	2	2	9	16	21	68	1,308	1,218	4,308	4,590	78	59	86	172	5,419
Patrick	29	25	14	19			345	421	2,324	1,636	201	157			4,576
Pittsylvania			7	6	2	2	2,856	2,842	4,701	4,360	979	920	389	470	8,463
Powhatan	174	244	245	316			1,000	976	1,257	1,195	313	331	408	391	4,493
Prince Edward	25	32	6	5	15	50	900	1,060	988	1,119	293	334	49	62	2,301
Prince George	50	40	5	6			245	289	1,781	2,163	314	278	2	2	2,019
Princess Anne			415	675	4	4	119	142	2,500	3,006	223	273	20	35	972
Prince William	16	19	60	91			256	266	6,108	5,203	73	126	2	4	1,258
Pulaski	6	6	170	290	6	6	403	449	4,641	5,207	584	743	7	7	6,396
Rappahannock	1	1	45	144			644	988	4,019	4,128	25	26	2	10	114
Richmond			11	19	5	5	726	723	556	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	5,564	5,465	27,556	29,680	337	476	213	280	9,724
Russell	81	68	858	765	10	10	1,626	1,459	5,332	5,410	194	170	106	476	8,667
Scott	41	45	2,344	1,821	3	3	2,802	2,197	4,7[illegible]2	4,322	1,048	1,375	148	206	5,691
Shenandoah			10	10			2,147	2,267	14,470	16,274	162	176	21	26	2,348
Smyth	107	140	237	313			1,257	1,553	7,465	9,488	227	281	70	301	6,095
Southampton			1	1			71	119	865	566	29	30	16	22	4,676
Spottsylvania	11	18	67	78			2,462	2,123	2,330	2,142	163	180	122	437	3,328
Stafford			40	36	120	84	306	307	2,932	2,055	84	63	3	5	1,704
Surry	1	1	4	6			94	138	1,280	1,459	161	236	20	14	1,323
Sussex			1	2			106	115	1,186	1,250	188	122			1,495
Tazewell			7	8			361	394	14,445	12,850	255	295	17	16	1,844
Warren	10	10	15	25			360	300	3,500	3,846	424	460	25	25	5,290
Warwick	2	1	2	1			161	186	249	277	6	6			53
Washington	14	12	1,331	1,424	7	8	2,375	2,357	9,889	10,675	1,073	1,340	172	347	14,601
Westmoreland							2,053	2,063	68	67	1,578	1,602	40	47	1,266
Wise	54	38	345	316	2	2	331	266	2,121	1,754	367	314	111	49	122
Wythe			80	99			1,244	1,499	11,266	13,679	99	112	8	4	7,750
York	150	170	48	57	3	2	110	137	506	558	139	127	94	109	693
Alexandria city									8	8	2	1			
Bristol city			25	25			9	9							
Charlottesville city									61	61	15	12	6	6	
Danville city			14	50					3	3	2	4			1
Fredericksburg city									25	25					
Lynchburg city							10	30	4	2					
Manchester city							10	12							
Newport News city			1	5			5	10			3	4			
Norfolk city	3	5					2	2	45	80	10	10	8	14	
Petersburg city									7	7	13	15			5
Radford city			27	42			7	7	131	129					4
Richmond city							2	2	15	20	14	20			
Roanoke city							1	1	3	4					
Staunton city							50	75							50
Williamsburg city									48	78			4	10	

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 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	49,963	51,260	319	496	35,166	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	2,338	26	102	.....
Chehalis	51	70	1	2	.....	.....	226	676	7,029	18,887	148	497	136	257	.....
Chelan	108	160	3	4	1,896	6,326	79	200	1,648	2,315	953	1,440	94	160	8
Clallam	.....	.....	.....	.....	.....	.....	899	2,035	2,579	4,359	399	1,057	5	29	.....
Clarke	1,499	1,833	7	16	25	98	1,572	3,140	13,734	23,868	1,448	2,567	299	1,476	26
Columbia	78	173	.....	.....	773	2,179	2	4	303	538	7,104	11,407	194	326	.....
Cowlitz	1,274	1,468	.....	.....	(1)	1	239	601	6,494	12,484	420	798	82	134	.....
Douglas	2,647	3,571	7	9	599	1,412	.....	.....	340	464	18,133	16,063	3,119	3,411	391
Ferry	120	115	.....	.....	202	184	.....	.....	964	966	830	1,109	.....	.....	.....
Franklin	10	25	.....	.....	38	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	5,534	11,051	23,162	1,581	3,429	186	1,287	.....
Kitsap	10	10	.....	.....	.....	.....	377	884	2,053	3,895	31	60	13	29	.....
Kittitas	3,891	4,517	62	64	2,964	5,277	2,589	4,943	11,775	17,117	6,583	8,798	82	82	.....
Klickitat	3,468	3,455	.....	.....	175	694	316	702	1,603	2,040	16,697	19,077	226	391	27
Lewis	53	81	1	2	62	168	1,496	3,504	13,465	26,503	2,386	4,195	240	461	.....
Lincoln	2,218	2,396	37	48	241	336	12	23	2,586	4,045	26,877	31,924	79	100	.....
Mason	.....	.....	.....	.....	30	200	241	492	2,410	4,329	231	378	4	4	.....
Okanogan	2,109	2,169	28	58	2,008	6,293	184	222	1,252	1,672	5,738	6,557	330	469	20
Pacific	122	249	.....	.....	.....	.....	11	25	2,590	6,280	333	807	18	49	.....
Pierce	387	480	76	83	14	50	892	1,945	4,082	7,774	3,078	5,686	264	654	.....
San Juan	1	1	.....	.....	.....	.....	574	1,057	1,749	2,950	114	162	17	23	.....
Skagit	.....	.....	1	3	126	635	242	598	9,442	26,697	151	388	36	118	.....
Skamania	81	78	7	11	3	15	215	386	1,423	2,270	350	486	10	9	5
Snohomish	.....	.....	.....	.....	.....	.....	66	116	10,390	26,432	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	7,857	6	13	282	767	108	221	6,964	8,904	7,952	9,315	404	601	.....
Thurston	145	181	30	40	83	295	260	510	9,044	14,341	353	454	6	40	.....
Wahkiakum	26	37	.....	.....	.....	.....	27	59	2,081	5,827	139	373	10	26	.....
Wallawalla	633	856	.....	.....	6,056	19,130	164	167	860	1,743	8,714	15,941	239	582	19
Whatcom	78	153	.....	.....	.....	.....	2,010	4,126	8,625	18,378	866	1,836	51	100	.....
Whitman	1,240	1,305	6	12	458	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	4,694	112	156	13
Colville and Spokane[2]	113	121	.....	.....	1	6	.....	.....	178	248	4,139	6,576	.....	.....	7
Lummi[2]	2	2	.....	.....	.....	.....	2	3	248	403	6	10	34	44	.....
Muckleshoot[2]	.....	.....	.....	.....	.....	.....	.....	.....	114	178	.....	.....	.....	.....	.....
Quenilult[2]	.....	.....	.....	.....	.....	.....	.....	.....	75	88	.....	.....	.....	.....	.....
Swinomish[2]	.....	.....	.....	.....	.....	.....	.....	.....	37	103	.....	.....	.....	.....	.....
Tulalip[2]	.....	.....	.....	.....	.....	.....	8	16	176	317	.....	.....	.....	.....	.....
Yakima[2]	5,379	6,179	1	4	471	790	.....	.....	142	303	1,090	1,868	2	4	.....

WEST VIRGINIA.

The State	849	759	4,924	5,428	123	198	25,170	23,521	555,787	494,467	13,118	13,017	1,964	3,694	103,451
Barbour	.....	.....	9	14	.....	.....	412	356	17,418	14,489	176	169	41	46	1,539
Berkeley	2	2	52	51	.....	.....	1,405	1,302	12,250	11,894	83	72	16	28	5,396
Boone	.....	.....	286	284	.....	.....	36	28	811	719	9	11	.....	.....	1,568
Braxton	46	70	352	213	.....	.....	165	142	13,250	9,932	50	84	.....	.....	2,650
Brooke	.....	.....	39	61	.....	.....	688	812	6,745	7,144	412	551	48	43	600
Cabell	2	2	113	131	.....	.....	302	250	3,424	3,284	35	33	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	113	12,761	12,472	95	129	119	121	158
Fayette	4	4	223	225	.....	.....	122	80	7,629	5,534	21	15	9	15	303
Gilmer	.....	.....	2	3	.....	.....	68	52	11,444	7,925	389	157	36	30	555
Grant	.....	.....	12	11	.....	.....	761	542	7,661	6,230	26	16	47	46	29
Greenbrier	.....	.....	31	29	.....	.....	733	742	21,926	21,241	20	19	4	25	341
Hampshire	5	7	19	33	34	72	208	242	10,335	9,266	272	200	26	39	785
Hancock	.....	.....	22	24	.....	.....	223	265	5,505	4,906	26	56	79	111	839
Hardy	25	23	2	3	.....	.....	878	951	5,885	5,426	5	5	15	20	1,295
Harrison	5	2	12	9	.....	.....	275	285	24,250	29,690	1,024	1,334	59	289	787
Jackson	38	40	.....	.....	.....	.....	1,584	1,226	13,944	9,729	31	24	33	59	8,572
Jefferson	.....	.....	.....	.....	.....	.....	2,341	1,984	7,663	7,564	161	156	53	43	9,126
Kanawha	7	7	332	481	.....	.....	439	444	6,779	6,129	665	566	2	3	3,750
Lewis	.....	.....	36	24	.....	.....	70	78	16,626	15,659	2,231	2,027	35	27	1,706
Lincoln	2	4	147	177	.....	.....	146	115	1,701	1,260	40	36	13	38	1,868
Logan	.....	.....	473	543	.....	.....	32	34	530	598	2	3	19	18	556
McDowell	.....	.....	6	5	2	2	93	65	224	212	101	70	2	15	919
Marion	.....	.....	45	53	.....	.....	1,092	1,098	16,445	15,502	1,088	871	15	24	1,503

[1] Less than 1 acre.

[2] Indian reservation.

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.	Tons.
Marshall	.....	.....	40	40	.....	.....	1,163	1,303	16,117	15,915	260	254	39	62	2,582
Mason	.....	.....	242	328	.....	.....	1,537	1,402	9,612	7,491	411	343	47	214	3,939
Mercer	19	7	132	138	12	12	874	758	9,444	7,459	418	484	12	10	47
Mineral	130	120	22	24	12	42	121	122	8,087	7,509	16	21	110	166	259
Mingo	13	15	164	213	.....	.....	39	48	430	588	10	8	.....	.....	19
Monongalia	.....	.....	10	10	5	7	221	243	20,152	19,338	123	103	.....	.....	.....
Monroe	3	1	88	144	.....	.....	363	388	12,782	13,535	654	628	240	645	4,612
Morgan	.....	.....	5	6	.....	.....	259	240	3,334	3,128	11	12	29	30	3,330
Nicholas	21	11	38	39	.....	.....	43	41	12,138	9,968	263	247	48	41	3,265
Ohio	.....	.....	22	26	.....	.....	321	605	11,628	13,860	70	82	34	121	75
Pendleton	15	20	3	3	.....	.....	934	835	9,314	8,237	256	225	.....	.....	174
Pleasants	.....	.....	17	20	.....	.....	906	538	5,260	3,576	25	26	46	21	2,179
Pocahontas	.....	.....	46	50	.....	.....	37	40	13,788	11,630	26	25	.....	.....	57
Preston	86	76	70	94	.....	.....	344	365	25,271	25,018	404	408	19	20	2,240
Putnam	.....	.....	70	83	.....	.....	1,457	1,350	5,084	4,437	168	149	40	38	5,016
Raleigh	22	20	463	496	.....	.....	261	234	8,009	5,837	1,206	1,749	6	6	1,612
Randolph	299	258	90	46	.....	.....	22	22	22,208	17,320	258	242	335	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	15	15	4,180
Summers	.....	.....	.....	.....	.....	.....	205	181	8,158	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	173	12	42	157
Upshur	.....	.....	9	11	1	1	133	124	14,196	13,773	44	42	21	41	1,506
Wayne	8	11	136	151	2	4	242	207	2,700	2,293	374	218	35	26	6,406
Webster	.....	.....	23	14	.....	.....	10	6	6,422	4,123	44	25	.....	.....	10
Wetzel	.....	.....	49	63	.....	.....	192	170	12,754	12,549	74	60	25	12	820
Wirt	32	26	18	15	2	2	537	434	6,942	5,297	87	79	23	17	2,373
Wood	51	24	286	342	50	50	1,264	1,387	20,365	16,396	289	337	43	143	4,484
Wyoming	9	5	364	374	.....	.....	79	56	1,345	935	1	1	3	3	955

WISCONSIN.

The State	425,948	533,000	30,129	51,170	460	838	203,253	303,231	1,636,348	2,124,514	35,983	53,571	65,861	208,845	392,043
Adams	12,522	14,463	87	86	36	58	4,264	6,602	1,774	2,118	100	158	95	138	8,108
Ashland	66	79	6	11	1	2	203	337	6,160	8,001	237	273	33	66	2
Barron	2,513	2,781	75	121	20	25	861	1,175	42,847	51,096	262	428	269	615	349
Bayfield	35	38	4	5	.....	.....	725	1,002	3,667	4,237	184	221	27	41	.....
Brown	1,666	1,995	262	415	2	3	1,389	2,463	37,542	46,303	360	711	1,451	7,246	72
Buffalo	6,183	8,061	185	258	6	10	7,305	10,730	18,930	26,495	364	448	3,223	4,013	1,760
Burnett	5,921	7,774	11	15	7	10	738	1,052	6,396	8,824	273	332	43	66	347
Calumet	596	713	269	419	.....	.....	3,590	6,182	14,838	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	320
Clark	839	1,055	448	746	6	12	790	1,746	39,356	61,605	246	352	87	169	1,610
Columbia	22,350	27,068	397	673	15	16	4,652	6,132	25,872	31,894	367	665	352	1,164	8,110
Crawford	1,579	2,044	99	162	2	2	6,717	9,700	23,494	29,567	478	605	393	1,216	2,708
Dane	20,123	28,349	3,010	5,151	1	1	3,895	4,821	59,696	80,096	1,883	2,932	1,179	3,128	37,865
Dodge	40,559	63,231	1,474	3,819	.....	.....	1,560	2,240	34,105	50,587	957	1,314	1,186	5,537	22,107
Door	26	34	37	39	.....	.....	4,930	6,014	22,098	26,953	199	311	362	1,967	479
Douglas	124	168	19	22	.....	.....	16	29	2,504	3,039	96	132	81	284	.....
Dunn	3,390	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	34	42	10	14	4,079	5,927	26,033	31,149	212	266	370	1,267	6,374
Florence	22	22	13	19	.....	.....	236	322	2,048	2,425	81	94	23	83	.....
Fond du Lac	15,462	18,450	554	869	22	66	5,680	8,170	37,987	49,374	654	1,019	1,532	6,791	22,682
Forest	.....	.....	14	17	.....	.....	105	172	414	511	26	34	6	18	6
Grant	13,053	13,563	897	1,625	7	10	4,329	5,868	51,677	63,723	4,674	5,884	727	1,816	9,184
Green	4,650	6,133	1,420	2,483	14	27	511	599	39,602	51,839	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	3,022	9,148
Iowa	5,392	8,006	339	523	.....	.....	2,019	2,478	47,603	69,980	441	698	88	318	6,478
Iron	.....	.....	.....	.....	.....	.....	2	2	1,272	1,370	15	20	2	4	.....
Jackson	7,218	8,796	95	130	.....	.....	9,340	14,467	15,375	20,852	100	122	244	506	6,380
Jefferson	30,819	38,065	1,909	3,198	2	5	1,200	1,603	19,714	26,133	1,466	2,439	2,887	14,115	14,389
Juneau	11,875	15,417	271	367	21	25	3,117	4,877	16,494	24,299	321	512	289	472	158
Kenosha	11,198	12,439	1,524	2,748	12	44	108	107	19,950	20,218	880	1,415	4,256	19,076	4,289
Kewaunee	118	170	30	24	.....	.....	1,062	1,512	26,632	34,073	55	103	443	1,678	16
La Crosse	5,675	7,352	207	351	.....	.....	4,500	7,374	22,249	32,771	150	393	498	1,885	5,612
Lafayette	1,353	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	53	86	.....	.....	222	369	8,844	11,006	245	289	47	126	12
Manitowoc	1,632	1,965	247	371	.....	.....	1,714	2,616	42,840	58,021	1,380	1,838	1,407	5,489	1
Marathon	1,111	1,237	333	440	15	36	1,339	2,544	47,746	65,904	694	838	488	1,125	49
Marinette	1,574	2,069	110	139	6	9	481	752	13,211	16,426	252	520	611	1,537	136
Marquette	18,663	21,684	41	61	10	15	4,300	6,288	20	25	33	39	593	695	4,144
Milwaukee	5,479	6,838	843	1,442	27	35	104	128	20,363	25,530	413	734	3,183	11,384	223
Monroe	6,750	9,054	158	198	23	72	7,124	11,890	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	1,023	775	1,229	129	212	27	40	9
Outagamie	1,858	2,169	381	567	.....	.....	4,107	7,832	31,413	42,969	339	466	1,087	2,500	13,519
Ozaukee	836	884	326	497	1	3	446	448	16,915	19,767	515	1,158	1,474	8,788	83

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.	Tons.
Pepin	740	931	13	15	.....	.....	1,656	2,462	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	1,359	2,810
Polk	4,645	5,350	165	224	2	3	1,074	1,697	32,065	39,438	625	786	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	7,129	8,522	215	325	105	122	15
Racine	14,786	15,201	2,775	4,851	4	6	164	166	25,809	24,431	459	820	4,534	9,180	8,623
Richland	253	292	168	306	12	24	5,969	9,282	36,519	56,555	524	795	613	1,184	3,753
Rock	10,083	12,658	2,304	3,768	.....	.....	429	472	33,863	38,339	968	1,366	1,108	2,135	32,255
St. Croix	2,680	3,026	208	247	.....	.....	1,960	2,646	53,924	58,538	499	761	1,611	4,847	1,267
Sauk	7,343	10,321	419	713	2	2	5,811	8,508	31,936	47,852	738	1,087	666	1,654	14,620
Sawyer	.....	.....	.....	.....	.....	.....	17	26	2,464	3,052	.....	.....	7	20	.....
Shawano	821	989	203	289	9	11	1,689	2,670	24,822	32,048	293	365	1,987	3,114	1,155
Sheboygan	402	503	511	909	.....	.....	1,975	2,749	29,878	38,359	864	1,623	6,205	24,350	625
Taylor	1,197	1,554	24	24	.....	.....	112	187	10,157	14,295	104	135	21	34	.....
Trempealeau	8,079	10,435	127	181	7	8	11,401	18,199	34,148	47,575	945	1,296	195	524	1,510
Vernon	810	955	118	196	7	7	5,973	8,525	48,707	64,276	416	563	1,492	2,007	3,738
Vilas	239	283	10	16	.....	.....	179	236	413	492	18	26	6	8	.....
Walworth	11,038	12,515	2,353	4,164	7	14	142	179	32,844	38,202	1,590	2,993	1,765	4,571	42,034
Washburn	842	1,001	47	62	.....	.....	208	277	4,370	5,146	54	57	77	90	262
Washington	2,575	3,314	766	1,176	5	14	4,764	5,941	17,410	22,320	363	628	1,411	5,747	2,117
Waukesha	17,465	19,498	1,519	2,275	22	32	838	884	27,829	30,593	1,055	1,989	5,256	16,814	19,798
Waupaca	5,653	7,116	209	272	4	5	16,830	26,377	19,081	26,475	363	682	1,072	5,372	3,408
Waushara	15,244	18,151	101	173	23	32	9,427	13,822	7,414	9,899	466	561	432	1,080	2,053
Winnebago	13,750	18,308	282	456	11	22	4,899	8,693	28,531	40,516	229	412	769	2,484	9,770
Wood	7,112	8,377	196	274	.....	.....	611	1,105	20,620	28,072	341	447	478	1,387	293
La Pointe[1]	.....	.....	.....	.....	.....	.....	5	6	61	66	.....	.....	.....	.....	.....
Menominee and Stockbridge[1]	.....	.....	.....	.....	.....	.....	72	91	331	448	.....	.....	.....	.....	24
Oneida[1]	.....	.....	.....	.....	.....	.....	.....	.....	615	656	.....	.....	.....	.....	.....

WYOMING.

The State	242,243	208,422	1,715	2,237	74,688	173,344	900	1,561	44,490	53,878	14,827	20,022	1,906	2,637	.....
Albany	59,812	42,833	.....	.....	360	924	.....	.....	225	249	787	946	128	109	.....
Bighorn	6,518	8,016	53	120	11,973	32,837	65	80	2,972	3,573	1,327	2,056	92	196	.....
Carbon	31,602	26,321	95	140	4,863	11,001	6	10	10,539	11,043	293	483	209	425	.....
Converse	7,038	5,672	65	65	3,558	7,336	60	75	4,141	4,540	363	499	168	180	.....
Crook	11,135	10,674	537	625	1,403	3,160	.....	.....	1,046	1,110	7,246	9,867	557	776	.....
Fremont	9,175	9,489	74	166	4,786	10,425	5	6	490	783	148	168	75	50	.....
Johnson	5,783	5,904	135	280	6,208	17,686	158	300	1,640	2,408	39	164	41	85	.....
Laramie	36,068	28,774	444	430	8,717	19,895	250	350	475	532	1,435	1,490	11	23	.....
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	609	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	165	245	9,882	16,[illegible]12	51	42	15,650	19,863	1,250	1,358	83	76	.....
Weston	3,589	3,731	7	14	1,650	2,[illegible]9	7	9	195	268	1,214	1,969	6	15	.....
Shoshone[1]	605	461	5	10	847	1,060	.....	.....	20	20	.....	.....	.....	.....	.....

[1] 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	3,515,869	$2,868,839
North Atlantic division	5,728	45,931	210,570	2,438	22,995	28,612
South Atlantic division	1,879	21,524	94,782	1,235	24,989	27,640
North Central division	94,601	1,192,577	4,686,987	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	14,290			
District of Columbia						
Florida				2	37	37
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	52,863	56,146
Indian Territory				9	883	583
Iowa	1,188	15,114	69,640	15,996	1,276,958	1,146,123
Kansas	1,979	36,865	141,583	1,688	244,523	151,014
Kentucky	617	7,707	30,933	570	270,973	167,860
Louisiana	1	7	35	5	264	465
Maine	78	519	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	20,548	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	3,421	219,760	202,636
Montana	14	374	1,963	21	852	1,719
Nebraska	413	8,156	37,332	655	41,816	32,450
Nevada	3	157	938			
New Hampshire	1	2	10	3	45	111
New Jersey	33	181	977	17	5,006	1,818
New Mexico	2	45	320			
New York	760	7,830	42,384	381	3,619	5,406
North Carolina	62	331	1,347	147	1,315	2,574
North Dakota				242	14,645	10,054
Ohio	27,005	336,318	1,358,494	2,841	52,403	60,195
Oklahoma	9	178	728	36	3,752	2,021
Oregon	112	1,948	9,856	340	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	35,328	127,901	4	39	87
Vermont	1	3	10	18	165	286
Virginia	566	4,144	19,503	753	20,960	21,097
Washington	2	12	54	15	825	1,492
West Virginia	326	3,030	13,798	269	1,354	2,311
Wisconsin	6,743	91,189	392,177	1,680	50,577	54,553
Wyoming	124	4,280	19,310	14	800	896

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

COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.
	Bushels.	Bushels.
Alabama	3	873
Calhoun		10
Cherokee		1
Chilton		2
Choctaw		1
Dallas		10
Geneva	1	1
Lamar		1
Madison		844
Pickens	1	
Sumter		1
Wilcox	1	2
Arizona	1,697	55
Graham	22	
Maricopa	1,675	55
Arkansas	416	84
Baxter		4
Benton	23	7
Carroll		12
Clay	10	
Hempstead		2
Hot Spring		5
Independence		5
Izard		2
Lonoke		15
Monroe	6	
Phillips		1
Pike		2
Polk	10	
Pulaski	5	
St. Francis		16
Scott	3	
Stone		3
Union	20	
Washington	339	10
California	14,409	1,113
Alameda	1	
Colusa	138	
Del Norte		262
Fresno	753	
Glenn	159	
Humboldt	100	366
Inyo	10	
Kern	1,755	
Kings	2,634	
Lake	902	
Lassen	117	
Mendocino		75
Modoc	899	101
Orange	409	
Plumas	8	5
Riverside	260	
San Joaquin	20	24
Shasta	43	
Siskiyou	100	
Sutter	774	
Tulare	1,460	
Yolo	3,867	280
Colorado	12,623	1,012
Arapahoe	300	152
Bent	778	
Boulder	156	
Delta	58	
Douglas		20
Elbert		10
Fremont	125	
Garfield	3	
Jefferson	81	
Larimer	490	150
Logan	5,360	
Mesa	10	30
Morgan	300	
Otero	1,894	
Prowers	1,187	
Rio Blanco		480
Routt	43	
Sedgwick	1,118	
Washington	300	
Weld	420	
Yuma		170
Connecticut	18	296
Fairfield	13	256
New London	5	
Windham		40
Delaware	3,515	
Kent	931	
Newcastle	78	
Sussex	2,506	
Florida		37
Jefferson		25
Walton		12
Georgia	3	503
Baldwin		300
Bartow		10
Brooks		10
Bulloch		1
Dodge		10
Emanuel		20
Floyd		14
Greene	1	40
Hancock		1
Jefferson		1
Pierce		11
Sumter		60
Terrell	2	
Ware		25
Idaho	2,355	1,150
Bannock	15	
Bingham	10	65
Blaine	10	
Canyon	1,482	137
Cassia	23	21
Custer	10	
Fremont	101	402
Latah		68
Lemhi	63	415
Nez Perce		40
Oneida	455	2
Washington	186	
Illinois	97,544	455,161
Adams	5,403	3,580
Bond	286	661
Boone		906
Brown	1,420	878
Bureau	10	1,652
Calhoun	98	
Carroll		725
Cass	180	25
Champaign	698	258
Christian	418	4,309
Clark	1,561	9,267
Clay	129	70,828
Clinton	1,307	46
Coles	694	1,760
Cook	20	611
Crawford	2,662	4,586
Cumberland	74	4,139
Dekalb	41	2,281
Dewitt	380	407
Douglas	471	769
Dupage		43
Edgar	1,582	1,138
Edwards	2,922	4,183
Effingham	25	6,057
Fayette	90	2,114
Ford	513	901
Franklin	514	709
Fulton	5,979	2,584
Gallatin	528	
Greene	740	368
Grundy		458
Hamilton	1,464	650
Hancock	1,010	6,069
Hardin	212	
Henderson	144	677
Henry	94	1,278
Iroquois	749	412
Jackson	288	
Jasper	460	11,524
Jefferson	253	3,361
Jersey	1,590	4
Jo Daviess	175	804
Johnson	348	
Kane		421
Kankakee	59	13,934
Kendall	1	1,421
Knox	649	1,828
Lake	1	321
Lasalle	7	1,566
Lawrence	3,896	12,683
Lee	75	9,806
Livingston	105	518
Logan	888	100
McDonough	1,931	2,923
McHenry		805
McLean	770	234
Macon	2,559	218
Macoupin	933	2,749
Madison	4,241	24
Marion	29	11,924
Marshall	151	60
Mason	39	67
Massac	715	31
Menard	360	736
Illinois—Continued.		
Mercer	194	636
Monroe	2,669	138
Montgomery	515	9,786
Morgan	365	362
Moultrie	738	1,014
Ogle		4,176
Peoria	1,378	1,100
Perry	423	28
Piatt	1,161	255
Pike	2,312	1,223
Pope	524	5
Pulaski	97	20
Putnam	50	559
Randolph	2,213	31
Richland	3,510	42,150
Rock Island	20	2,483
St. Clair	6,352	12
Saline	1,214	
Sangamon	811	3,662
Schuyler	6,308	2,073
Scott	78	48
Shelby	1,400	2,713
Stark	24	136
Stephenson	4	1,094
Tazewell	660	76
Union	71	
Vermilion	775	581
Wabash	2,383	476
Warren	384	1,285
Washington	2,245	
Wayne	2,178	161,461
White	1,856	20
Whiteside	37	2,023
Will	64	1,542
Williamson	1,281	
Winnebago	15	551
Woodford	294	146
Indiana	472,282	52,863
Adams	5,897	1,325
Allen	2,660	234
Bartholomew	7,886	430
Benton	421	497
Blackford	1,621	80
Boone	13,944	126
Brown	1,116	448
Carroll	10,712	165
Cass	12,639	175
Clark	1,758	21,308
Clay	1,622	105
Clinton	7,757	836
Crawford	2,549	
Daviess	4,550	9
Dearborn	1,998	159
Decatur	4,814	669
Dekalb	4,421	204
Delaware	8,648	137
Dubois	12,091	243
Elkhart	9,087	105
Fayette	2,808	
Floyd	260	
Fountain	1,972	337
Franklin	5,451	151
Fulton	11,851	102
Gibson	2,527	
Grant	10,323	403
Greene	1,129	592
Hamilton	11,047	109
Hancock	6,487	404
Harrison	3,695	22
Hendricks	8,999	7
Henry	11,269	85
Howard	10,294	467
Huntington	5,849	158
Jackson	4,496	51
Jasper	96	370
Jay	6,145	268
Jefferson	2,691	115
Jennings	1,891	353
Johnson	7,288	
Knox	7,273	313
Kosciusko	17,140	210
Lagrange	7,691	
Lake	162	8,576
Laporte	1,501	467
Lawrence	2,655	2
Madison	12,543	51
Marion	4,590	117
Marshall	12,621	74
Martin	3,109	43
Miami	11,682	357
Monroe	1,870	545
Montgomery	2,361	230
Morgan	3,363	170
Newton	5	72
Noble	8,787	386
Ohio	19	
Orange	3,146	50
Owen	1,227	193
Parke	2,891	
Perry	5,163	28
Pike	1,286	5
Porter	1,205	153
Posey	3,041	

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

COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.
	Bushels.	Bushels.
Indiana—Continued.		
Pulaski	3,203	775
Putnam	5,859	459
Randolph	13,492	33
Ripley	2,618	152
Rush	11,424	78
St. Joseph	5,956	73
Scott	1,129	53
Shelby	13,054	891
Spencer	6,039	31
Starke	554	222
Steuben	6,369	25
Sullivan	2,876	30
Switzerland	1,535	374
Tippecanoe	2,319	519
Tipton	7,757	349
Union	3,835	.....
Vanderburg	2,064	35
Vermillion	1,357	65
Vigo	1,244	30
Wabash	5,596	504
Warren	482	75
Warrick	4,915	15
Washington	4,304	2,747
Wayne	5,575	10
Wells	6,081	454
White	547	1,401
Whitley	4,008	172
Indian Territory	.....	883
Cherokee[1]	.....	328
Chickasaw[1]	.....	425
Creek[1]	.....	100
Quapaw and Peoria[2]	.....	30
Iowa	15,114	1,276,958
Adair	78	31,679
Adams	202	10,281
Allamakee	1,182	8,675
Appanoose	14	20,598
Audubon	68	2,498
Benton	6	4,487
Blackhawk	.....	1,207
Boone	.....	988
Bremer	.....	2,694
Buchanan	.....	2,819
Buena Vista	26	1,094
Butler	8	3,265
Calhoun	342	1,888
Carroll	15	2,390
Cass	202	2,328
Cedar	84	5,748
Cerro Gordo	88	6,629
Cherokee	404	3,599
Chickasaw	181	54,921
Clarke	32	57,490
Clay	818	23,935
Clayton	2,221	10,178
Clinton	6	2,013
Crawford	73	1,895
Dallas	10	1,099
Davis	13	75,379
Decatur	42	29,176
Delaware	169	5,544
Des Moines	30	3,866
Dickinson	12	2,410
Dubuque	16	913
Emmet	114	4,666
Fayette	127	37,052
Floyd	12	7,895
Franklin	2	1,687
Fremont	485	549
Greene	.....	905
Grundy	.....	633
Guthrie	122	11,262
Hamilton	15	665
Hancock	62	3,428
Hardin	12	812
Harrison	72	1,792
Henry	242	7,554
Howard	.....	93,938
Humboldt	35	2,098
Ida	16	1,206
Iowa	30	20,875
Jackson	10	1,968
Jasper	.....	941
Jefferson	53	23,301
Johnson	49	7,569
Jones	3	1,368
Keokuk	75	5,106
Kossuth	49	5,379
Lee	65	23,676
Linn	352	2,535
Louisa	26	2,820
Lucas	510	67,602
Lyon	140	1,002
Madison	372	17,202
Mahaska	20	2,888
Marion	32	4,161
Marshall	.....	1,109
Iowa—Continued.		
Mills	19	731
Mitchell	153	65,530
Monona	5	1,271
Monroe	5	18,992
Montgomery	334	2,696
Muscatine	5	2,466
O'Brien	374	5,265
Osceola	120	14,549
Page	1,503	2,169
Palo Alto	84	1,552
Plymouth	499	1,248
Pocahontas	54	3,801
Polk	69	243
Pottawattamie	57	1,950
Poweshiek	5	7,876
Ringgold	107	49,903
Sac	.....	8,002
Scott	33	586
Shelby	20	2,363
Sioux	146	448
Story	4	381
Tama	5	3,894
Taylor	853	24,882
Union	52	33,738
Van Buren	173	43,462
Wapello	16	9,486
Warren	243	12,175
Washington	85	1,783
Wayne	129	123,388
Webster	.....	561
Winnebago	4	3,013
Winneshiek	424	61,792
Woodbury	31	1,681
Worth	55	14,985
Wright	4	3,366
Kansas	36,865	244,523
Allen	326	4,436
Anderson	1,215	923
Atchison	816	1,514
Barton	.....	70
Bourbon	318	1,321
Brown	1,114	3,280
Butler	156	1,634
Chase	700	356
Chautauqua	37	160
Cherokee	1	1,298
Cheyenne	40	.....
Clay	.....	1,559
Cloud	38	5,095
Coffey	791	3,079
Cowley	56	6,836
Crawford	111	1,553
Decatur	81	63
Dickinson	.....	3,787
Doniphan	509	169
Douglas	2,804	1,446
Edwards	38	213
Elk	38	896
Ellis	.....	392
Ellsworth	.....	40
Finney	1,138	270
Ford	822	512
Franklin	2,217	1,558
Geary	10	160
Gove	.....	494
Graham	8	232
Gray	52	.....
Greenwood	126	8,756
Hamilton	2	.....
Harper	.....	550
Harvey	29	195
Hodgeman	.....	75
Jackson	1,110	1,426
Jefferson	1,898	2,505
Jewell	82	1,816
Johnson	3,307	11,873
Kingman	.....	156
Labette	195	1,935
Leavenworth	1,026	165
Lincoln	13	.....
Linn	2,303	716
Logan	.....	110
Lyon	143	3,092
McPherson	323	1,806
Marion	312	7,534
Marshall	263	103,305
Meade	32	.....
Miami	5,195	4,993
Mitchell	68	1,083
Montgomery	.....	265
Morris	27	60
Nemaha	1,051	20,770
Neosho	68	3,437
Ness	.....	192
Norton	595	85
Osage	2,193	3,666
Osborne	331	220
Ottawa	78	492
Phillips	387	219
Pottawatomie	6	112
Kansas—Continued.		
Rawlins	80	85
Reno	64	335
Republic	13	3,005
Rice	177	300
Riley	.....	50
Rooks	27	50
Rush	.....	233
Russell	30	.....
Saline	473	1,398
Scott	17	140
Sedgwick	22	195
Shawnee	835	3,618
Sheridan	125	1,721
Sherman	.....	100
Smith	81	1,062
Stafford	36	15
Stanton	.....	15
Sumner	4	.....
Thomas	41	75
Trego	1	66
Wabaunsee	32	1,958
Wallace	32	.....
Washington	18	1,053
Wilson	12	4,381
Woodson	.....	213
Wyandotte	146	.....
Kentucky	7,707	270,978
Adair	.....	9
Allen	.....	370
Barren	31	249
Bath	.....	200
Boone	31	.....
Bourbon	.....	33,514
Boyle	131	1,499
Bracken	36	50
Breckinridge	55	310
Bullitt	104	.....
Butler	.....	10
Caldwell	10	.....
Carroll	24	.....
Carter	.....	6
Casey	56	100
Christian	450	200
Clark	714	50,777
Clinton	.....	433
Daviess	829	.....
Edmonson	.....	310
Elliott	.....	11
Fayette	.....	8,297
Fleming	73	325
Franklin	.....	6
Garrard	12	850
Green	2	.....
Hancock	92	.....
Hardin	.....	149
Harrison	56	1,110
Hart	26	925
Henderson	263	.....
Henry	4	2,918
Hickman	100	.....
Hopkins	6	56
Jefferson	675	16,964
Jessamine	162	620
Kenton	17	.....
Larue	.....	46
Lawrence	.....	6
Lewis	.....	25
Lincoln	74	1,309
Logan	64	15
McCracken	.....	70
McLean	1	299
Madison	25	2,700
Marion	196	808
Marshall	12	67
Meade	91	1,172
Menifee	2	.....
Mercer	476	.....
Monroe	.....	26
Montgomery	.....	15,840
Muhlenberg	.....	60
Nelson	121	3,747
Nicholas	.....	300
Ohio	.....	40
Oldham	1,153	60,231
Pendleton	3	3
Pike	6	.....
Powell	2	.....
Scott	.....	2,995
Shelby	26	1,815
Simpson	.....	51
Spencer	208	150
Taylor	300	70
Todd	.....	30
Trigg	66	.....
Trimble	156	168
Union	424	.....
Warren	19	2,927
Washington	249	2,723
Webster	8	.....
Woodford	66	3,012

[1] Indian nation.

[2] Indian reservation.

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

COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.
	Bushels.	Bushels.
Louisiana	7	264
East Baton Rouge		189
East Feliciana		75
Red River	7	
Maine	519	417
Aroostook	518	399
Oxford	1	6
Somerset		12
Maryland	10,484	616
Baltimore	158	6
Baltimore city	10	
Calvert	4	1
Caroline	196	
Carroll	1,315	13
Cecil	115	100
Dorchester	47	
Frederick	5,952	276
Garrett		40
Harford	70	
Howard	50	
Kent	6	160
Montgomery	57	
Prince George	40	
Queen Anne	2	
Talbot	177	
Washington	1,783	20
Wicomico	462	
Worcester	40	
Massachusetts	1	166
Berkshire		4
Hampden		3
Hampshire		155
Worcester	1	4
Michigan	67,993	20,548
Allegan	1,725	14
Alpena	6	12
Antrim	50	94
Arenac	1	
Barry	1,416	169
Bay	15	520
Berrien	1,975	42
Branch	6,577	144
Calhoun	1,140	133
Cass	2,943	750
Chippewa	8	89
Clare	2	29
Clinton	4,273	1,051
Eaton	1,816	201
Emmet	12	16
Genesee	1,498	528
Gladwin	27	108
Grand Traverse	135	260
Gratiot	3,322	610
Hillsdale	2,857	276
Huron	2,907	508
Ingham	859	999
Ionia	3,798	526
Iosco		76
Isabella	1,227	712
Jackson	516	545
Kalamazoo	2,143	271
Kalkaska	66	78
Kent	1,988	281
Lake	60	8
Lapeer	1,853	135
Leelanaw		2
Lenawee	1,165	673
Livingston	154	51
Macomb	21	1,076
Manistee		6
Mason	56	7
Mecosta	60	26
Menominee	1	4
Midland	42	394
Missaukee	39	6
Monroe	276	182
Montcalm	5,185	491
Montmorency	11	25
Muskegon	583	18
Newaygo	252	101
Oakland	152	208
Oceana	255	93
Ogemaw	8	16
Ontonagon	2	
Osceola	28	167
Oscoda	345	77
Otsego		14
Ottawa	687	70
Saginaw	574	3,446
St. Clair	40	333
St. Joseph	2,321	237
Sanilac	855	471
Michigan—Continued.		
Shiawassee	1,573	992
Tuscola	1,248	1,191
Van Buren	6,551	280
Washtenaw	729	372
Wayne	15	273
Wexford	50	61
Minnesota	8,034	553,939
Becker		54
Benton		17
Bigstone		20
Blue Earth	633	1,202
Brown	2	395
Carlton	2	
Carver	175	
Chippewa		631
Chisago	56	12
Clay		1,334
Cottonwood	10	6,541
Crow Wing	12	146
Dakota	101	1,993
Dodge	188	83,952
Douglas	146	314
Faribault	233	1,282
Fillmore	623	83,813
Freeborn	257	6,385
Goodhue	31	22,971
Grant		425
Hennepin	157	110
Houston	231	11,058
Hubbard	37	
Jackson	20	5,839
Kanabec		30
Kandiyohi		621
Kittson		703
Lac qui Parle		1,629
Lesueur	124	20
Lincoln		802
Lyon		1,429
McLeod	20	26
Marshall	20	789
Martin	194	9,286
Meeker	9	582
Morrison		391
Mower	332	211,990
Murray	3	10,229
Nicollet	15	155
Nobles	186	17,644
Norman		1,436
Olmsted	190	32,614
Ottertail	51	807
Pipestone	18	1,647
Polk	56	2,140
Pope		790
Red Lake		29
Redwood		586
Renville		790
Rice	255	3,689
Rock	852	1,766
Roseau		67
Scott	328	24
Sherburne		54
Sibley	3	197
Stearns	191	669
Steele	34	2,877
Stevens		205
Swift		222
Todd	12	216
Traverse	25	79
Wabasha	233	2,437
Wadena	5	
Waseca	134	98
Washington	12	40
Watonwan	177	980
Wilkin		89
Winona	1,573	14,052
Wright	55	3
Yellow Medicine		516
Mississippi	130	379
Chickasaw		40
Issaquena		10
Lauderdale		30
Leflore		2
Noxubee		30
Oktibbeha	100	167
Panola		100
Washington	30	
Missouri	58,737	219,760
Adair	7	6,417
Andrew	683	1,268
Atchison	180	2,076
Audrain	8	3,377
Barry	1,081	22
Barton	4	1,947
Bates	2,320	7,486
Benton	215	680
Bollinger	97	40
Missouri—Continued.		
Boone	2,971	55
Buchanan	633	320
Caldwell	363	2,881
Callaway	1,135	74
Cape Girardeau	627	
Carroll	467	3,164
Cass	4,835	6,310
Cedar	23	750
Chariton	289	9,878
Christian	1,468	
Clark	35	3,307
Clay	433	1,465
Clinton	555	2,301
Cole	2,391	16
Cooper	2,010	250
Crawford	136	
Dade	79	2,551
Dallas	190	688
Daviess	69	8,553
Dekalb	13	1,017
Dent	380	
Douglas	32	3
Franklin	2,342	14
Gasconade	1,068	3
Gentry	38	6,578
Greene	1,199	399
Grundy		5,105
Harrison	50	18,855
Henry	1,307	1,614
Hickory	184	489
Holt	95	812
Howard	1,904	120
Howell	69	25
Iron	10	
Jackson	2,032	1,140
Jasper	254	2,244
Jefferson	502	30
Johnson	3,979	2,533
Knox	9	24,245
Laclede	456	153
Lafayette	1,860	191
Lawrence	699	675
Lewis	181	1,671
Lincoln	105	28
Linn	27	4,530
Livingston	332	4,141
McDonald	380	
Macon	41	2,522
Madison	151	
Maries	286	1
Marion	381	546
Mercer	8	5,795
Miller	191	43
Moniteau	3,326	63
Monroe	4	3,117
Montgomery	210	220
Morgan	250	63
New Madrid	76	
Newton	896	164
Nodaway	666	5,708
Oregon	4	
Osage	1,582	
Ozark	64	
Perry	1,091	4
Pettis	592	3,922
Phelps	62	38
Pike	156	572
Platte	328	
Polk	25	389
Pulaski	8	75
Putnam		8,500
Ralls	60	2,950
Randolph	123	179
Ray	693	427
Reynolds	33	
St. Charles	1,968	20
St. Clair	46	510
Ste. Genevieve	443	
St. Francois	98	
St. Louis	85	
Saline	358	150
Schuyler		10,435
Scotland	8	14,177
Scott	195	
Shannon	7	6
Shelby	24	9,410
Stoddard	7	87
Stone	519	
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
Choteau		100

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

COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.
	Bushels.	Bushels.
Montana—Continued.		
Fergus		262
Flathead	15	20
Gallatin		23
Park		196
Yellowstone	349	32
Nebraska	8,156	41,816
Adams	2	25
Antelope	4	397
Banner		41
Boone		398
Boxbutte		241
Buffalo	30	499
Burt	181	650
Butler	75	352
Cass	6	207
Cedar	5	
Chase		250
Cherry		13
Cheyenne	14	8
Clay	72	152
Colfax	18	94
Cuming	9	113
Custer	73	666
Dakota		175
Dawes	146	244
Dawson	215	657
Deuel	530	250
Dixon	11	458
Dodge	373	499
Douglas		461
Fillmore	31	387
Franklin	20	305
Frontier		1,159
Furnas	1,062	566
Gage	317	2,838
Garfield		125
Gosper	130	388
Greeley		335
Hall	9	828
Hamilton	251	757
Harlan	126	
Hayes		255
Hitchcock	49	
Jefferson		865
Johnson		335
Kearney	7	106
Keith	30	
Knox		305
Lancaster	65	3,701
Lincoln		671
Logan		53
Loup	34	
Madison		161
Merrick	30	310
Nance	72	1,505
Nemaha	33	436
Nuckolls	25	660
Otoe	61	1,285
Pawnee	106	2,187
Perkins		99
Pierce	15	412
Platte		1,219
Polk	37	249
Redwillow	234	238
Richardson	150	361
Saline	37	2,821
Sarpy	42	315
Saunders	87	1,951
Scotts Bluff	2,211	56
Seward	343	694
Sheridan	14	875
Sherman		254
Stanton		68
Thayer		1,105
Thurston		720
Valley	64	350
Washington	264	385
Wayne		324
Webster	243	565
Wheeler	7	86
York	186	1,306
Nevada	157	
Churchill	157	
New Hampshire	2	45
Carroll	2	
Coos		45
New Jersey	181	5,006
Burlington		400
Cumberland	13	
Gloucester	3	
Hunterdon	89	
Middlesex		1
Salem		4,590
Somerset	30	15
Warren	46	
New Mexico	45	
Donna Ana	25	
San Juan	20	
New York	7,830	3,619
Albany	31	10
Allegany	13	621
Broome		4
Cattaraugus		102
Cayuga	132	1
Chautauqua	16	212
Chemung		8
Chenango	1	6
Clinton		11
Delaware		28
Erie	128	120
Franklin		10
Genesee	62	12
Herkimer	2	
Jefferson	2	970
Lewis	67	
Livingston	1,942	145
Madison		2
Monroe	17	
Montgomery	60	24
Nassau		20
Niagara	527	63
Onondaga		17
Ontario	1,379	174
Orleans	65	7
Oswego		72
Otsego		33
Rensselaer		3
St. Lawrence	4	171
Schenectady		8
Schoharie	395	72
Schuyler	78	70
Seneca	2,108	79
Steuben	90	285
Suffolk	11	65
Sullivan		13
Tioga	2	
Tompkins	124	3
Ulster		2
Warren		2
Washington	4	
Wayne	105	9
Wyoming		81
Yates	465	84
North Carolina	331	1,315
Alamance	2	10
Alleghany	61	88
Ashe	13	1,025
Buncombe		28
Chatham	5	
Cherokee		25
Cumberland		3
Davidson	24	
Forsyth	18	
Franklin		3
Gates	1	
Haywood		25
Macon		46
Madison		9
Montgomery	10	
Nash	26	
Person		2
Randolph	10	
Rowan	4	
Stanly	12	
Surry		12
Transylvania		3
Union	2	
Wake	143	
Washington	1	1
Watauga		35
North Dakota		14,645
Barnes		605
Benson		60
Cass		730
Dickey		2,564
Emmons		5
Grand Forks		868
Griggs		110
Kidder		10
Lamoure		572
McLean		20
Nelson		10
Oliver		11
Pembina		198
Pierce		20
Ransom		2,700
Richland		1,094
Sargent		400
Stark		183
Steele		1,322
Stutsman		39
North Dakota—Continued.		
Traill		1,812
Walsh		955
Ward		321
Wells		36
Ohio	336,318	52,403
Adams	1,536	227
Allen	5,293	181
Ashland	3,900	944
Ashtabula	103	794
Athens	378	7
Auglaize	5,843	83
Belmont	2,882	268
Brown	1,309	827
Butler	7,582	
Carroll	1,027	807
Champaign	7,766	7
Clark	7,806	40
Clermont	556	46
Clinton	7,894	603
Columbiana	875	597
Coshocton	3,800	624
Crawford	5,392	5,809
Cuyahoga	73	25
Darke	13,778	25
Defiance	3,769	68
Delaware	1,812	203
Erie	1,416	
Fairfield	16,056	596
Fayette	4,250	1,388
Franklin	7,337	164
Fulton	977	258
Gallia	102	14
Geauga	57	93
Greene	11,310	175
Guernsey	1,038	249
Hamilton	930	
Hancock	4,245	509
Hardin	4,377	126
Harrison	1,160	162
Henry	2,480	169
Highland	5,382	11,351
Hocking	1,994	23
Holmes	6,630	3,425
Huron	3,707	897
Jackson	20	
Jefferson	1,976	571
Knox	5,679	649
Lake	38	66
Licking	9,702	1,067
Logan	6,970	161
Lorain	795	456
Lucas	980	72
Madison	3,533	
Mahoning	646	404
Marion	2,065	282
Medina	2,765	1,238
Meigs	130	10
Mercer	11,530	483
Miami	6,434	16
Monroe	1,910	170
Montgomery	5,797	
Morgan	1,638	50
Morrow	1,910	2,741
Muskingum	1,688	149
Noble	641	132
Ottawa	759	83
Paulding	1,347	1,084
Perry	5,702	429
Pickaway	14,147	202
Pike	1,612	157
Portage	2,118	260
Preble	6,884	148
Putnam	3,415	150
Richland	5,214	1,528
Ross	13,181	44
Sandusky	4,125	4
Scioto	504	5
Seneca	14,137	3,183
Shelby	5,585	81
Stark	2,672	305
Summit	506	70
Trumbull	299	200
Tuscarawas	1,984	437
Union	3,682	284
Van Wert	3,529	178
Vinton	316	
Warren	55	289
Washington	791	2
Wayne	4,370	1,504
Williams	3,545	447
Wood	2,914	215
Wyandot	9,261	663
Oklahoma	178	3,752
Blaine	24	550
Canadian		272
Cleveland		400
Custer		229
Garfield		304
Grant	3	600
Kay	14	185

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

COUNTIES.	CLOVER SEED.	OTHER GRASS SEED.
	Bushels.	Bushels.
Oklahoma—Continued.		
Kingfisher		35
Lincoln		152
Logan		48
Noble		50
Oklahoma	37	612
Pawnee		60
Payne		118
Woods		137
Woodward	100	
Oregon	1,948	24,437
Benton	10	3,156
Clackamas	233	256
Clatsop	2	2
Columbia		321
Coos	12	3
Curry		42
Douglas	12	367
Jackson	16	40
Josephine	15	40
Lane	1	3,904
Lincoln	3	10
Linn	11	8,154
Malheur	327	
Marion	406	2,133
Polk	77	3,004
Tillamook	1	3
Union		96
Wallowa		140
Washington	288	807
Yamhill	584	1,959
Pennsylvania	37,276	12,846
Adams	2,577	1,253
Allegheny	5	145
Armstrong	344	249
Beaver	17	16
Bedford	2,096	304
Berks	667	32
Blair	1,115	25
Bradford	11	426
Bucks	6	
Butler	53	85
Cambria	2	19
Cameron		25
Carbon	36	
Center	404	199
Chester	63	3
Clarion	193	128
Clinton	53	
Columbia	416	319
Crawford	28	615
Cumberland	2,204	172
Dauphin	1,319	720
Erie	34	669
Fayette	333	137
Forest	2	3
Franklin	4,859	358
Fulton	949	358
Greene	21	180
Huntingdon	1,958	196
Indiana	304	101
Jefferson	151	40
Juniata	1,857	780
Lancaster	808	73
Lawrence	25	25
Lebanon	306	199
Lehigh	455	33
Luzerne		8
Lycoming	155	70
McKean	2	18
Mercer	576	63
Mifflin	790	205
Monroe	49	
Montgomery	23	6
Montour	161	
Northampton	88	2
Northumberland	1,082	361
Perry	3,231	1,437
Potter	8	783
Schuylkill	464	68
Snyder	1,322	275
Somerset	489	97
Susquehanna		2
Tioga	2	60
Union	647	187
Venango	139	17
Warren	2	8
Washington	748	453
Westmoreland	1,218	163
Wyoming	5	10
York	2,409	666
Rhode Island	101	435
Kent	1	
Newport	100	425
Providence		10
South Carolina	17	204
Bamberg		100
Charleston	10	
Chesterfield	1	
Darlington	1	
Edgefield		1
Fairfield	4	5
Greenville		1
Horry		1
Kershaw		10
Marion		1
Spartanburg		75
Union		10
Williamsburg	1	
South Dakota	345	79,851
Beadle		1,122
Bonhomme	14	168
Brookings		886
Brown		29,528
Butte	12	
Campbell		647
Charles Mix		115
Clark		6,891
Clay	8	1,534
Codington		1,418
Davison		4
Day		5,333
Deuel		2,720
Edmunds		2,189
Faulk		990
Grant		828
Hamlin		1,135
Hand		1,193
Hanson		2,600
Hutchinson	2	194
Kingsbury		500
Lake		928
Lincoln	20	225
McCook		1,442
McPherson		50
Marshall		9,252
Meade	10	
Miner		30
Minnehaha	16	1,457
Moody		1,091
Roberts		70
Sanborn		105
Spink		1,901
Sully		47
Turner	91	892
Union	172	372
Walworth		100
Yankton		1,899
Tennessee	7,414	76,952
Anderson	21	226
Bedford	27	1,877
Blount	31	16
Bradley	2	
Campbell	2	
Cannon	5	1,348
Carter	48	52
Claiborne	13	168
Cocke	304	130
Coffee		28
Crockett	55	
Davidson		2
Decatur	3	
Dekalb	10	1,739
Dyer	115	
Franklin	29	673
Gibson	36	
Giles	3	1,559
Grainger	106	162
Greene	854	367
Grundy	15	
Hamblen	325	3,229
Hancock		59
Hardin		75
Hawkins	340	972
Haywood	5	
Henry	29	
Hickman	80	
Humphreys		40
James	93	
Jefferson	781	1,286
Knox	201	337
Lawrence		207
Lincoln	14	1,528
Loudon	41	
McMinn	198	401
Macon		459
Madison	9	
Marshall		1,432
Maury	2	6,287
Meigs	23	5
Tennessee—Continued.		
Monroe	292	400
Moore		150
Obion	51	
Perry	19	
Roane	21	
Robertson	2	
Rutherford	5	2,812
Sevier	992	439
Smith	28	151
Sullivan	966	498
Sumner		200
Tipton	2	
Trousdale		163
Unicoi		4
Union	139	58
Warren		847
Washington	807	369
Weakley	178	
White		387
Williamson	23	44,229
Wilson	69	1,581
Texas	94	20,398
Armstrong		460
Atascosa		65
Austin		2
Bee		450
Bell		1,255
Bosque		260
Brown		1,290
Callahan		150
Camp		4
Carson		70
Clay		1,003
Collin		350
Collingsworth		600
Cooke		170
Coryell		387
Donley		50
Ellis	1	578
Erath		80
Falls		548
Fannin		107
Freestone		20
Frio		20
Gillespie		36
Hale		34
Hamilton		51
Haskell		543
Hemphill		45
Hill		1,269
Hunt		283
Jack		250
Jackson		100
Johnson		1,039
Karnes		80
Kerr		96
Lamar		78
Lampasas		624
Lavaca		15
Lee		140
Leon		75
Limestone		3,372
Live Oak		40
McCulloch	40	
McLennan		547
Medina		495
Menard		41
Mills		160
Montague		648
Parker		217
Rusk		100
San Saba		20
Tarrant	50	797
Taylor		150
Travis		18
Tyler	3	
Van Zandt		49
Wharton		100
Wichita		200
Williamson		532
Wise		100
Young		225
Utah	35,328	39
Boxelder	4,028	
Cache	2,086	
Davis	965	
Emery	95	
Garfield	3	
Grand	75	
Juab	3,904	
Millard	17,438	
Morgan	5	7
Piute	10	
Salt Lake	2,122	
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.
	Bushels.	Bushels.
Utah—Continued.		
Uinta	152	.....
Utah	3,089	17
Wasatch	23	.....
Washington	28	.....
Weber	54	.....
Uinta Valley and Uncompahgre[1]	12	.....
Vermont	3	165
Addison	.....	81
Caledonia	.....	2
Chittenden	.....	3
Franklin	.....	26
Grand Isle	.....	10
Lamoille	3	.....
Windham	.....	40
Windsor	.....	3
Virginia	4,144	20,960
Albemarle	15	1,168
Alleghany	1	.....
Amelia	2	.....
Augusta	284	724
Bedford	35	1,895
Bland	.....	178
Botetourt	380	1,536
Brunswick	1	37
Buchanan	.....	69
Campbell	.....	106
Carroll	41	104
Chesterfield	70	.....
Clarke	36	.....
Culpeper	26	16
Dickenson	.....	2
Essex	70	.....
Floyd	50	1,104
Fluvanna	.....	205
Franklin	37	1,664
Frederick	102	74
Giles	8	905
Grayson	26	276
Greene	.....	63
Henry	2	.....
Highland	4	.....
Lee	30	363
Loudoun	156	132
Louisa	62	10
Lunenburg	.....	231
Madison	15	.....
Montgomery	29	208
Nansemond	1	.....
Orange	10	.....
Page	101	684
Patrick	.....	139
Prince George	18	.....
Pulaski	4	1,512
Rappahannock	.....	450
Roanoke	143	279
Rockbridge	543	4,944
Rockingham	573	680
Russell	.....	18
Scott	34	25
Shenandoah	932	256
Smyth	28	438
Warren	45	27
Virginia—Continued.		
Washington	18	140
Westmoreland	142	.....
Wise	.....	24
Wythe	65	274
Manchester city	5	.....
Washington	12	825
Clallam	.....	10
Columbia	.....	22
Lewis	.....	34
Mason	5	.....
Pierce	.....	10
Skagit	.....	323
Stevens	.....	286
Whitman	.....	140
Yakima	7	.....
West Virginia	3,030	1,354
Barbour	17	45
Berkeley	870	7
Brooke	130	.....
Clay	.....	17
Doddridge	.....	8
Gilmer	.....	10
Grant	159	67
Greenbrier	.....	58
Hampshire	10	408
Hancock	.....	8
Hardy	64	40
Jackson	39	21
Jefferson	1,183	.....
Kanawha	6	.....
Lincoln	.....	6
Marion	.....	10
Marshall	120	83
Mason	16	42
Mercer	4	73
Mineral	54	16
Monongalia	.....	24
Monroe	74	63
Nicholas	8	34
Ohio	29	.....
Pendleton	127	107
Pleasants	.....	10
Pocahontas	6	17
Raleigh	15	28
Randolph	3	22
Roane	12	3
Summers	1	29
Taylor	8	.....
Tucker	.....	1
Upshur	2	41
Wayne	.....	14
Wetzel	9	5
Wirt	5	.....
Wood	59	34
Wyoming	.....	3
Wisconsin	91,189	50,577
Adams	6,131	202
Barron	533	275
Brown	175	17
Buffalo	605	2,043
Burnett	17	.....
Calumet	5,827	280
Wisconsin—Continued.		
Chippewa	63	118
Clark	39	148
Columbia	2,424	7,118
Crawford	1,375	390
Dane	777	4,501
Dodge	7,697	1,686
Door	18	48
Douglas	1	1
Dunn	46	115
Eau Claire	849	652
Fond du Lac	933	1,216
Grant	2,019	1,755
Green	15	715
Green Lake	1,767	5,471
Iowa	310	1,770
Iron	2	2
Jackson	2,103	252
Jefferson	41	154
Juneau	7,355	272
Kenosha	.....	217
Kewaunee	902	56
La Crosse	532	556
Lafayette	.....	840
Langlade	.....	20
Lincoln	2	6
Manitowoc	3,671	381
Marathon	52	83
Marquette	5,446	51
Milwaukee	92	190
Monroe	1,622	178
Oconto	22	12
Outagamie	592	39
Ozaukee	1,974	56
Pepin	372	64
Pierce	291	572
Polk	199	42
Portage	1,849	282
Price	.....	10
Racine	.....	1,032
Richland	725	416
Rock	.....	6,335
St. Croix	386	1,439
Sauk	1,360	1,478
Shawano	344	34
Sheboygan	1,815	404
Taylor	.....	6
Trempealeau	2,003	1,185
Vernon	2,948	1,301
Walworth	31	2,919
Washburn	.....	8
Washington	15,241	871
Waukesha	97	62
Waupaca	1,683	90
Waushara	5,018	55
Winnebago	558	580
Wood	240	6
Wyoming	4,280	800
Bighorn	3,445	319
Converse	42	.....
Crook	56	6
Fremont	20	.....
Johnson	439	.....
Laramie	104	.....
Sheridan	104	470
Sweetwater	.....	5
Weston	70	.....

[1] Indian reservation.