CHAPTER VII.

LIVE STOCK PRODUCTS AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.

This chapter summarizes the data collected at the Thirteenth Decennial Census relative to dairy products, wool, goat hair and mohair, poultry and eggs, honey and wax, and domestic animals sold or slaughtered on farms. The returns for these items at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. All of the data contained in this report, together with many additional details, have been published for the individual states and the counties thereof in the form of state bulletins. A briefer presentation also appears in the abstract of the Thirteenth Census.

It is impossible to give a total representing the value of the annual production of all live stock products, for the reason that the total value of products of the business of raising domestic animals can not be calculated from the census returns. Even if a total representing the value of the annual production of live stock products could be obtained and were added to the value of all crops, the sum would not accurately represent the total value of farm products for the year, because much duplication would result from the fact that part of the crops are fed to the live stock. For further discussion of this feature, see introduction to Chapter VI.

DAIRY PRODUCTS.

THE UNITED STATES AS A WHOLE.

Introduction.—The census statistics of dairy products are somewhat less complete and accurate than is believed to be the case with the statistics of the principal crops. They are, however, probably more complete and accurate than the statistics for some of the minor crops. While many farms make the dairy business the main or an important feature of their operations, yet for the great majority it is more or less incidental, cows being kept chiefly for breeding purposes or to supply milk and butter for the farmer's family. On such farms in particular records of dairy products are seldom kept, and farmers are usually able to make only rough estimates regarding them, and in many cases are unwilling to make any estimates at all. Especial difficulty is encountered in securing reports of the total quantity of milk produced. In many instances, even when farmers make replies to all the inquiries, it is probable that they understate the production, particularly by neglecting or underestimating the home consumption of milk and other dairy products.

The incompleteness of the returns of dairy products is indicated by the fact (see Table 1) that while there were in 1909, 5,140,869 farms (80.8 per cent of all farms in the United States) for which the enumerators reported dairy cows on April 15, 1910, for only 4,413,333 of these farms (or 69.4 per cent of all farms) were dairy products of any kind reported as produced in 1909, and for only 4,021,460 was the quantity of milk produced in 1909 stated.

The total number of dairy cows on farms April 15, 1910, was reported as 20,625,000, while the number on farms which reported the production of any kind of dairy products in 1909 was 18,746,000, or 90.9 per cent of the total number, and the number on farms which reported the production of milk in 1909 was 16,069,000, or 77.9 per cent of the total. In considering these figures, however, it should be borne in mind that there is no precise distinction between dairy cows and cows not kept for their milk. In a considerable number of cases enumerators probably reported as dairy cows animals which, in fact, were kept primarily for breeding purposes and which were only milked for short periods, if at all, during the preceding year.

Because of this indefiniteness in the returns for dairy cows, it was not considered desirable to present in the general tables statistics which should include estimates of the production of milk or other dairy products on farms which reported dairy cows in 1910 but failed to report the quantity of milk produced or failed to report dairy products of any kind for 1909. At the Twelfth Census estimates of this character were made wherever the schedules were lacking in data or wherever the returns were believed to be incorrect, and all the data as published, whether for the country as a whole, for states, or for counties, included the results of these estimates. For this reason the statistics published for that census are not closely comparable with those of the Thirteenth Census as published in the tables generally in this and other volumes. For the benefit of those who wish to compare estimated totals, however, figures are given in certain tables of this chapter presenting estimates for 1909

of the total production of milk and the total value of dairy products, excluding home consumption of milk and cream. In every other case the statistics presented for 1909 are the results of the tabulation of the returns as actually made. The statistics of butter and cheese for 1899 are believed to have contained a smaller proportion of estimates than those showing the value of dairy products, the quantity of milk produced, etc., and therefore to be more nearly comparable with those for 1909.

Summary for 1909, with comparative statistics for 1899.—Table 1 shows for the United States as a whole data pertaining to dairy products in 1909 as reported by the enumerators, together with certain items for 1899 as published in the reports of the Twelfth Census.

Table 1

	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms April 15, 1910	5,140,869	80.8	20,625,432			
On farms reporting dairy products in 1909	4,413,333	69.4	18,745,662			
On farms reporting milk produced in 1909	4,021,460	63.2	16,069,298			
Specified dairy products of farms, 1909:						
Milk reported			5,813,699,474	Gals.		
Butter made	3,787,749	59.5	994,650,610	Lbs.	$222,861,440	$0.22
Cheese made	12,054	0.2	9,405,864	Lbs.	1,148,708	0.12
Milk sold	493,916	7.8	1,937,255,864	Gals.	252,436,757	0.13
Cream sold	164,117	2.6	54,933,583	Gals.	37,655,047	0.69
Butter fat sold [1]	361,126	5.7	305,662,587	Lbs.	82,311,511	0.27
Butter sold	1,785,408	28.1	415,080,489	Lbs.	100,378,123	0.24
Cheese sold	6,019	0.1	8,136,901	Lbs.	987,974	0.12
Total receipts from sales, 1909					473,769,412	
Total value of milk, cream, and butter fat sold and butter and cheese made, 1909					596,413,463	
Specified dairy products of farms, 1899:						
Butter made	3,617,366	63.0	1,071,626,056	Lbs.		
Cheese made	15,669	0.3	16,372,318	Lbs.		
Butter sold			518,042,767	Lbs.	86,570,973	0.17
Cheese sold			14,692,542	Lbs.	1,342,444	0.09
Butter and cheese made in factories:						
Butter—1909 [2]			624,764,653	Lbs.	179,510,619	0.29
1899			420,126,546	Lbs.	84,079,754	0.20
Cheese—1909 [2]			311,126,317	Lbs.	43,239,924	0.14
1899			281,972,324	Lbs.	26,519,829	0.09
Total production of butter and cheese:						
Butter—1909 [2]			1,619,415,263	Lbs.	402,372,059	0.25
1899			1,491,752,602	Lbs.		
Cheese—1909 [2]			320,532,181	Lbs.	44,388,632	0.14
1899			298,344,642	Lbs.		

[1] While butter fat does not constitute a separate product, large quantities of cream and milk are sold on the basis of a specified price per pound for the butter fat which they contain; the number of pounds thus paid for constitutes the quantity of butter fat sold, as shown in the table.

[2] The figures for factory-made butter and cheese represent the product of establishments in the butter, cheese, and condensed-milk industry, as defined for the census of manufactures. In addition, establishments engaged primarily in other industries reported 2,381,212 pounds of butter, valued at $664,171, and 49,413 pounds of cheese, valued at $5,745.

The total quantity of milk reported as produced on farms in 1909 was 5,813,699,000 gallons. There were on April 15, 1910, 16,069,000 dairy cows on the farms reporting this milk. Assuming that there were the same number in 1909, the average production of milk per cow would be 362 gallons. If the same amount of milk was produced by the dairy cows which were reported on farms, but for which no reports of milk were secured, the total production in 1909 would have been 7,466,406,000 gallons (see Table 3). It is believed, however, that this estimate is somewhat too large.

The total value of dairy products on farms in 1909, exclusive of milk and cream consumed on farms where produced, was reported as $596,413,000. This represents the sum of the receipts from the sale of milk and cream and butter fat (amounting in all to $372,403,000), and the value of all butter and cheese produced on farms, whether sold or retained for home use (amounting to $224,010,000).

By referring to Table 3 it will be seen that the average value of dairy products (excluding home consumption of milk and cream) per farm reporting was $135 in 1909, and the average value per dairy cow was $31.82. If the same average per cow was maintained for the dairy cows reported (in 1910) on farms for which no reports of dairy products were secured, the total value of dairy products on farms (excluding home consumption of milk and cream) in 1909 would have been $656,301,000.

The census schedules did not call for the combined value of all dairy products as a single item, nor did they call for the total value of milk produced. In order to obtain a true total for the value of dairy products, it would be necessary to ascertain the value of milk, cream, butter, and cheese consumed on the farms,

including milk fed to animals, and to add to this the reported value of products sold. In the belief that no satisfactory results could be secured from such an inquiry, the census schedules did not call for the value of the milk and cream consumed on the farm where produced, and it has not been considered feasible to estimate this value from the other data reported. Such estimates were made at the Twelfth Census, but they can not be considered as more than very rough approximations.

The total reported value of dairy products sold in 1909 was $473,769,000, of which the value of milk, cream, and butter fat sold represented nearly four-fifths, and that of butter most of the remainder. The quantity of milk sold as such was reported as 1,937,256,000 gallons, or substantially one-third of the total reported as produced, but it should be borne in mind that a great deal of milk sold or delivered to creameries for butter making is paid for on the basis of the cream or butter fat contained, in which case the quantity of such cream or butter fat was usually reported on the census schedules and not the quantity of milk. The greater part of the milk reported as sold was doubtless consumed as such, chiefly in cities and villages, but a considerable quantity represents milk delivered to condensed-milk and cheese factories, and a small quantity represents milk which was delivered to creameries for the production of butter and which was reported as milk, instead of on the basis of the cream or butter fat contained. The figures for milk sold in 1909 are not closely comparable with those for 1899 because at the census of 1899 no separate presentation was made of butter fat sold, milk sold on that basis probably being reported (or estimated) as so much milk, and further because estimates were made of milk sold in large numbers of other cases.

The reported farm production of butter in 1909—994,651,000 pounds—was 7.2 per cent less than the production for the year 1899 as given in the published reports of the Twelfth Census, but this difference is probably due in part to the fact that the latter included some estimates. The manufacture of butter and cheese is, however, gradually being transferred from the farms to local factories. The combined farm and factory production of butter, as actually reported, was 1,619,415,000 pounds in 1909, and the production of 1899, including some estimates, was 1,491,753,000 pounds; the apparent increase during the decade was thus 127,663,000 pounds, or 8.6 per cent, the actual increase probably somewhat greater. The factory production alone increased 48.7 per cent. Of the total product shown, that made in factories constituted 38.6 per cent in 1909 and 28.2 per cent in 1899.

In 1909 butter was reported as made on 3,787,749 farms, or 59.5 per cent of all farms in the United States, whereas in 1899, 3,617,366 farms, or 63 per cent of all farms in the United States, reported the production of butter. The average production per farm reporting was 263 pounds in 1909, as compared with 296 pounds in 1899.

The production of cheese on farms and in factories was 320,532,000 pounds in 1909, as compared with 298,345,000 [1] pounds in 1899, an increase of 7.4 per cent. At both censuses much the greater part of the cheese was made in factories, but the proportion in 1909 (97.1 per cent) was higher than that in 1899 (94.5 per cent). In 1909 only two-tenths of 1 per cent of all farms in the United States reported the production of cheese; for the farms reporting, the average production was 780 pounds.

The average value of butter per farm reporting was $59 in 1909, and the average value of cheese per farm reporting was $95. The average value of farm-made butter was 22 cents per pound in 1909, and of farm-made cheese 12 cents; the average values of the factory product were considerably higher. The values both of butter and of cheese were much higher in 1909 than in 1899.

GEOGRAPHIC DIVISIONS, SECTIONS, AND STATES.

Farms reporting dairy cows, and number of cows reported: 1910 and 1900.—Table 2 shows, by geographic divisions and sections, the total number of farms reporting dairy cows together with the number of cows reported. It also shows the number of farms reporting dairy products of any kind in 1909 and the number reporting the quantity of milk produced in 1909 with the number of dairy cows reported by the farms of each of these classes in 1910. At the Twelfth Census the reports showed only the number of farms reporting dairy cows and the number of cows, estimates having been made in all cases where dairy products or milk were not reported. It is impossible, therefore, to show the extent to which farmers actually reported these items at that census.

[1] The farm production being small the estimates, if any, made in 1899 as to farm production could not affect this total appreciably.

Table 2

DIVISION OR SECTION.	DAIRY COWS ON FARMS APRIL 15, 1910.									DAIRY COWS ON FARMS JUNE 1, 1900.			
	Total.				On farms reporting dairy products of any kind in 1909.			On farms reporting milk produced in 1909.					
	Farms reporting.		Cows.		Farms reporting.		Number of cows.	Farms reporting.		Number of cows.	Farms reporting.		Cows.	
	Number.	Per cent of all farms.	Number.	Average per farm.	Number.	Per cent of all farms.		Number	Per cent of all farms.		Number.	Per cent of all farms.	Number.	Average per farm.
United States	**5,140,869**	**80.8**	**20,625,432**	**4.0**	**4,413,333**	**69.4**	**18,745,662**	**4,021,460**	**63.2**	**16,069,298**	**4,513,895**	**78.7**	**17,135,633**	**3.8**
New England	147,028	77.9	841,698	5.7	135,180	71.6	805,932	122,884	65.1	730,820	154,603	80.6	893,478	5.8
Middle Atlantic	400,473	85.5	2,597,652	6.5	308,336	78.6	2,474,485	308,042	65.8	2,043,586	423,579	87.2	2,602,788	6.1
East North Central	1,009,479	89.9	4,829,527	4.8	924,481	82.3	4,580,632	808,709	72.0	3,817,196	1,000,503	88.1	3,962,481	4.0
West North Central	989,135	89.1	5,327,606	5.4	859,550	77.4	4,890,956	726,153	65.4	3,894,317	924,910	87.2	4,527,803	4.9
South Atlantic	794,716	71.5	1,810,754	2.3	658,507	59.2	1,557,143	635,948	57.2	1,464,875	644,320	67.0	1,383,319	2.1
East South Central	815,423	78.2	1,628,061	2.0	692,436	66.4	1,421,785	683,239	65.5	1,391,307	662,664	73.4	1,264,282	1.9
West South Central	724,466	76.8	2,249,553	3.1	579,641	61.5	1,889,495	559,993	59.4	1,792,126	528,857	70.1	1,634,954	3.1
Mountain	120,328	65.6	514,466	4.3	85,345	46.5	401,543	76,759	41.8	343,094	69,754	68.8	329,604	4.7
Pacific	139,821	73.6	826,115	5.9	109,857	57.8	723,691	99,733	52.5	501,377	104,645	73.9	536,924	5.1
The North	2,546,115	88.1	13,596,483	5.3	2,287,547	79.1	12,752,005	1,965,788	68.0	10,485,919	2,503,655	87.1	11,986,550	4.8
The South	2,334,605	75.4	5,688,368	2.4	1,930,584	62.3	4,868,423	1,879,180	60.7	4,648,308	1,835,841	70.1	4,282,555	2.3
The West	260,149	69.7	1,340,581	5.2	195,202	52.3	1,125,234	176,492	47.3	935,071	174,399	71.8	866,528	5.0
East of the Mississippi	3,167,119	80.5	11,707,692	3.7	2,778,940	70.6	10,839,077	2,558,822	65.0	9,447,784	2,885,729	78.4	10,106,348	3.5
West of the Mississippi	1,973,750	81.3	8,917,740	4.5	1,634,393	67.4	7,905,585	1,462,638	60.3	6,621,514	1,628,166	79.1	7,029,285	4.3

Dairy products and milk production were much more completely reported in some divisions than in others. In the New England division, for example, the number of farms reporting dairy products for 1909 was 91.9 per cent of the number reporting dairy cows, and the number reporting the quantity of milk produced was 83.6 per cent. In contrast in the Mountain division the number of farms reporting dairy products was only 70.9 per cent of the number reporting dairy cows, and the number reporting the quantity of milk produced was only 63.8 per cent. In general, it may be said that the reports of dairy products for the four northern divisions appear to be much more complete than those for the other divisions, the deficiency being greatest in the three divisions where cows not kept for dairy purposes considerably outnumber the dairy cows, namely, the West South Central, Mountain, and Pacific divisions. In these divisions a good many cows which were milked for only a small part of the year were probably reported as dairy cows.

Statistics, by divisions and states, are shown in Table 13, at the close of the section of this chapter, relating to dairy products.

Value of dairy products and quantity of milk produced: 1909 and 1899.—Table 3 shows, by geographic divisions and sections, the value of the dairy products of farms (exclusive of home consumption of milk and cream) as reported for 1909, together with the average per farm and the average per cow; also the quantity of milk reported and the average production per cow; these averages being based on the number of cows in 1910 on the farms reporting dairy products and milk, respectively, in 1909. The table also gives columns of estimates for the total value of dairy products (exclusive of home consumption of milk and cream) and the total quantity of milk produced, these estimates being made on the assumption that the cows on farms which failed to report produced the same average value of dairy products per cow or the same average quantity of milk per cow as those on farms reporting.

Table 3

DIVISION OR SECTION.	VALUE OF DAIRY PRODUCTS OF FARMS (EXCLUDING HOME CONSUMPTION OF MILK AND CREAM): 1909				MILK PRODUCED ON FARMS (GALLONS): 1909			VALUE OF DAIRY PRODUCTS OF FARMS (INCLUDING HOME CONSUMPTION): 1899			MILK PRODUCED ON FARMS (GALLONS): 1899	
	As reported.	Estimated.[1]	Average per farm.[2]	Average per cow.[3]	As reported.	Estimated.[4]	Average per cow.[5]	As published (includes estimates).[6]	Average per farm.	Average per cow.	As published (includes estimates).	Average per cow.
United States	**$596,413,463**	**$656,301,246**	**$135**	**$31.82**	**5,813,699,474**	**7,466,406,384**	**362**	**$472,276,783**	**$105**	**$27.56**	**7,265,804,304**	**424**
New England	50,720,766	52,908,055	375	62.93	347,872,803	400,648,248	476	44,994,644	291	50.36	489,800,248	548
Middle Atlantic	130,772,503	137,285,908	355	52.85	1,001,269,989	1,272,849,480	490	99,771,134	236	38.33	1,337,547,225	514
East North Central	159,673,557	168,357,311	173	34.86	1,564,282,966	1,980,106,070	410	114,444,648	114	28.88	1,928,325,938	487
West North Central	108,824,533	118,539,234	127	22.25	1,206,991,620	1,731,471,950	325	86,765,701	94	19.16	1,681,574,390	371
South Atlantic	35,578,455	41,375,729	54	22.85	418,843,384	517,875,644	286	35,427,048	55	25.61	492,138,465	356
East South Central	30,200,917	34,580,016	44	21.24	400,476,525	468,881,568	288	30,689,486	46	24.27	499,560,976	395
West South Central	32,394,027	38,557,338	56	17.14	416,401,603	521,896,296	232	30,577,872	58	18.70	474,389,212	290
Mountain	12,991,603	16,642,975	152	32.35	116,468,906	174,403,974	339	10,110,135	145	30.67	110,017,726	334
Pacific	35,257,042	40,248,323	321	48.72	281,091,588	392,404,625	475	19,496,115	186	36.31	252,450,124	470
The North	449,991,419	479,819,885	197	35.29	4,180,417,378	5,424,996,717	399	345,976,127	138	28.86	5,437,247,801	454
The South	98,173,399	114,734,383	51	20.17	1,235,721,512	1,513,105,888	266	96,694,406	53	22.58	1,466,088,653	342
The West	48,248,645	57,484,113	247	42.88	397,560,584	569,746,925	425	29,606,250	170	34.17	362,467,850	418
East of the Mississippi	406,946,258	439,506,758	146	37.54	3,732,745,067	4,624,538,340	395	325,326,960	113	32.19	4,747,372,852	470
West of the Mississippi	189,467,205	213,758,228	116	23.97	2,080,953,807	2,800,170,360	314	146,949,823	90	20.91	2,518,431,452	358

[1] Based on number of dairy cows on farms April 15, 1910, and average value of products per cow for farms with report of dairy products.
[2] Based on value of dairy products reported and number of farms reporting these dairy products.
[3] Based on value of dairy products reported and number of cows on farms reporting such products.
[4] Based on number of dairy cows on farms April 15, 1910, and average number of gallons per cow for farms with report of milk produced.
[5] Based on number of dairy cows on farms with report of milk produced and the amount of milk reported produced.
[6] Includes total value of milk, cream, cheese, butter, and butter fat sold or consumed on farms where produced.

The table also shows figures for 1899, as published in the reports of that census, with averages based thereon. These figures, however, are not closely comparable even with the estimated figures for 1909. The value of dairy products in 1899, as shown in this table, includes estimates not only of the value of products of farms which failed to make complete reports but also of the value of milk and cream consumed on the farms, while the value of such home consumption is not included in the estimated total value shown for 1909. The figures for the quantity of milk produced in 1899, which also include estimates, would be comparable with the estimated figures for 1909 except for the fact that the estimates were made on a somewhat different basis. Because of the incomparability of the figures, no calculation of the amount or percentage of increase in either value of dairy products or quantity of milk has been made.

Of the total value of dairy products in 1909 (excluding the value of milk and cream consumed on the farm where produced), the East North Central division reported $159,674,000, or 26.8 per cent; the Middle Atlantic division, $130,773,000, or 21.9 per cent; and the West North Central division, $108,825,000, or 18.2 per cent; these three divisions together reporting over two-thirds of the total. It is probable, however, that the relative importance of the home consumption of milk and cream is considerably greater in the South and somewhat greater in the West than it is in the North, and that if the value of all dairy products, including such consumption, could be computed accurately, the southern and western divisions would show somewhat larger percentages of the aggregate for the United States than those calculated from Table 3.

In 1909 the average value of dairy products (excluding home consumption of milk and cream) per farm reporting was highest in the New England division, $375, and lowest in the East South Central division, $44. The average for the Middle Atlantic division was very nearly the same as for the New England division, and the averages for the South Atlantic and West South Central divisions were not much greater than the average for the East South Central division. These differences between the two northern divisions and the southern divisions are accounted for to a large extent by the differences in the number of cows per farm reporting, but are due partly to the fact that the value of the home consumption of milk and cream, which is not taken into account in these averages, was doubtless relatively greater in the three southern divisions than in the other two.

The average value of dairy products per cow for the United States was $31.82. The highest average was in the New England division, $62.93, and the lowest in the West South Central division, $17.14. The average per cow was $35.29 for the North, $20.17 for the South, and $42.88 for the West. The exclusion of the value of milk and cream consumed on the farm of course affects the comparability of these averages. Variations in the average value of dairy products per cow are also, however, brought about by differences in the production of milk per cow, differences in the extent to which the milk is made into butter and cheese on the farms, and differences in the prices of the various products.

According to Table 3, the average production of milk per cow in 1909 in the United States as a whole was 362 gallons. This figure is calculated by taking the total reported production of milk in 1909 and dividing it by the number of dairy cows reported as on the farms producing this milk on April 15, 1910. In comparing the averages shown for different geographic divisions it should be borne in mind that, as already stated, there is no sharp line of distinction between dairy cows and other cows. While in some divisions the number of dairy cows may have been reported with approximate accuracy, so that the averages are substantially correct, there is much less certainty as to the significance of the averages for some of the other divisions, particularly the West South Central, Mountain, and Pacific divisions, where the number of dairy cows reported in 1910 was less than the number of other cows. Moreover, in some divisions a good many, even of the cows kept primarily for dairy purposes, are allowed to suckle their calves for a considerable period, while in other divisions this practice is less common. Accepting the averages for what they may be worth, they show a range from 490 gallons per cow in the Middle Atlantic division to 232 gallons in the West South Central. The averages for each of the northern divisions are materially higher than those for any of the southern divisions—a condition which conforms approximately to the facts.

According to the figures published for 1899, the average production of milk per dairy cow in the United States as a whole and in each of the geographic divisions, except the Mountain and Pacific divisions, was materially higher than the average shown for 1909. It is not believed, however, that there has been an actual decrease in the average production of milk per dairy cow. The figures for 1909 are probably more accurate than those for 1899, in which there is a large element of estimate. At the census of 1899 the quantities of milk reported for a great many farms were increased because of the fact that they seemed to show an unduly low average production per cow, and it is probable that the amounts added in a good many cases were greater than they should have been to conform to the facts. On the other hand, it is probable that in some cases farmers reporting for 1909 understated the actual production, so that the averages given for that census may be somewhat too low.

In comparing the average value of dairy products per dairy cow for 1899 and 1909, it should be borne in mind that, as already stated, the figures for the earlier year included estimates of the value of home

consumption of milk and cream which are not included in those for the later year. The increase in the average per cow which, despite this fact, appears in most of the geographic divisions, is doubtless attributable chiefly to the higher prices of dairy products in 1909. The apparent decreases in the South Atlantic, East South Central, and West South Central divisions are doubtless attributable to the fact that home consumption of milk and cream is relatively more important in those divisions than in the northern divisions.

Butter made on farms: 1909 and 1899.—Table 4 shows, by divisions and sections, the number of farms reporting the production of butter in 1909, and the total quantity and value of butter reported, with percentages and averages. Similar data are shown for 1899, except that values were not secured at the Twelfth Census. Although increases are shown, it should be borne in mind that the figures for 1899 included some estimates, and that the actual increases were probably greater (or the decreases less) than those shown.

Table 4

BUTTER MADE ON FARMS.

DIVISION OR SECTION.	1909							1899				Increase:[1] 1899-1909	
	Farms reporting.		Quantity (pounds).		Value.			Farms reporting.		Quantity (pounds).		Quantity (pounds).	
	Number.	Per cent of all farms.	Total.	Average per farm.	Total.	Average per farm.	Average per pound.	Number.	Per cent of all farms.	Total.	Average per farm.	Amount.	Per cent.
United States	**3,787,749**	**59.5**	**994,650,610**	**262.6**	**$222,861,440**	**$59**	**$0.22**	**3,617,366**	**63.0**	**1,071,626,056**	**296.2**	**−76,975,446**	**−7.2**
New England	83,010	44.0	40,732,783	490.7	11,704,089	141	0.29	101,958	53.1	51,454,627	504.7	−10,721,844	−20.8
Middle Atlantic	234,948	50.2	88,242,228	375.6	22,996,544	98	0.26	325,262	67.0	154,820,824	476.0	−66,587,596	−43.0
East North Central	717,911	63.9	230,966,876	321.7	53,108,927	74	0.23	847,638	74.6	287,878,290	339.6	−56,911,414	−19.8
West North Central	711,499	64.1	201,172,278	282.7	44,748,964	63	0.22	751,473	70.8	251,226,460	334.3	−50,054,182	−19.9
South Atlantic	636,763	57.3	123,270,552	193.6	26,054,017	41	0.21	507,857	52.8	89,111,226	175.5	34,159,326	38.3
East South Central	697,028	66.9	136,239,873	195.5	25,739,427	37	0.19	549,713	60.9	97,541,277	177.4	38,698,596	39.7
West South Central	560,724	59.4	128,188,799	228.6	25,838,528	46	0.20	410,965	54.4	88,382,053	215.1	39,806,746	45.0
Mountain	66,794	36.4	18,115,811	271.2	4,992,172	75	0.28	46,207	45.6	14,809,383	321.8	3,246,428	21.8
Pacific	79,072	41.6	27,721,410	350.6	7,678,172	97	0.28	76,293	53.9	36,332,916	476.2	−8,611,506	−23.7
The North	1,747,368	60.4	561,114,165	321.1	132,558,524	76	0.24	2,026,331	70.5	745,389,201	367.9	−184,275,036	−24.7
The South	1,894,515	61.2	387,699,224	204.6	77,632,572	41	0.20	1,468,535	56.0	275,034,556	187.3	112,664,668	41.0
The West	145,866	39.1	45,837,221	314.2	12,670,344	87	0.28	122,500	50.4	51,202,299	418.0	−5,365,078	−10.5
East of the Mississippi	2,369,660	60.2	619,452,312	261.4	139,603,604	59	0.23	2,332,428	63.4	680,815,244	291.9	−61,362,932	−9.0
West of the Mississippi	1,418,089	58.4	375,198,298	264.6	83,257,836	59	0.22	1,284,938	62.4	390,810,812	304.1	−15,612,514	−4.0

[1] A minus sign (−) denotes decrease.

Although the making of butter is being rapidly transferred from the farms to factories, a very large percentage of farmers who have dairy cows continue to make some butter on their farms. In the four northern divisions and the Pacific division the movement toward the factory is very rapid, as shown by the fact that a very large decrease in butter production on farms occurred between 1899 and 1909. On the other hand, important increases took place in the three divisions which make up the South, and in the Mountain division. Of all butter made on farms in 1909, the North reported 56.4 per cent, the South 39 per cent, and the West 4.6 per cent.

Sixty and four-tenths per cent of all farmers in the North reported that butter was made on their farms in 1909 and 61.2 per cent of the farmers in the South gave the same report, whereas only 39.1 per cent of the farmers in the West reported butter. This brings out the prominence of the meat-producing industry in the West and the dairy industry in the East. In the North fewer farmers reported butter made on their farms in 1909 than in 1899, but in the South a larger absolute number and a larger proportion reported butter in the later year, and in the West a larger number but a smaller proportion.

A smaller amount of butter was made per farm reporting in 1909 than 10 years before in the North and the West, but there was an increase in the amount of butter per farm reporting in the South.

Considerable variations are found in the average value of farm-made butter per pound. The highest average in 1909 was in New England, 29 cents, and in the Mountain and Pacific divisions, 28 cents. In the other divisions it ranged from 19 to 26 cents.

Cheese made on farms: 1909 and 1899.—Table 5 shows, by geographic divisions and sections, statistics as to farm production of cheese in 1909 and 1899. Table 16 gives similar figures, by divisions and states.

Only a very small percentage of farmers make cheese. In the United States as a whole only 1 farmer out of 500 reported the production of cheese in 1909. Many more farmers, relatively speaking, made cheese in the North and West than in the South, but in the Mountain division only did the number reporting cheese exceed one-half of 1 per cent of the total number of farmers.

During the last decade there has been a material decrease in cheese production in most of the geographic divisions, although slight increases are shown for two divisions of the South. Not only did fewer farmers in most divisions make cheese in 1909 than 10 years before, but the average production per farm reporting was materially less in the later year in most divisions.

In the Pacific division the average value of cheese per farm reporting was $573 in 1909. The New England and the East North Central divisions were the only others where the average per farm exceeded $100. In the average value of cheese per pound the same variations are to be noted as in the case of butter. The values in 1909 were highest in the Western states and lowest in the Southern states.

Table 5

DIVISION OR SECTION.	CHEESE MADE ON FARMS.												
	1909							1899				Increase:[1] 1899-1909	
	Farms reporting.		Quantity (pounds).		Value.			Farms reporting.		Quantity (pounds).		Quantity (pounds).	
	Number.	Per cent of all farms.	Total.	Average per farm.	Total.	Average per farm.	Average per pound.	Number.	Per cent of all farms.	Total.	Average per farm.	Amount.	Per cent.
United States	**12,054**	**0.2**	**9,405,864**	**780.3**	**$1,148,708**	**$95**	**$0.12**	**15,669**	**0.3**	**16,372,318**	**1,044.9**	**−6,966,454**	**−42.6**
New England	817	0.4	673,865	824.8	89,189	109	0.13	1,697	0.9	1,003,103	591.1	−329,238	−32.8
Middle Atlantic	2,283	0.5	1,910,549	836.9	194,472	85	0.10	2,197	0.5	3,506,096	1,595.9	−1,595,547	−45.5
East North Central	2,058	0.2	1,891,208	919.0	215,395	105	0.11	3,372	0.3	3,636,013	1,078.3	−1,744,805	−48.0
West North Central	2,011	0.2	473,196	235.3	59,999	30	0.13	3,922	0.4	1,684,109	429.4	−1,210,913	−71.9
South Atlantic	1,343	0.1	480,805	358.0	51,024	38	0.11	852	0.1	480,448	563.9	357	0.1
East South Central	340	(2)	93,971	276.4	9,703	29	0.10	533	0.1	137,327	257.6	−43,356	−31.6
West South Central	1,307	0.1	424,482	310.5	44,597	33	0.11	838	0.1	336,113	401.1	88,369	26.3
Mountain	1,114	0.6	457,740	410.9	70,897	64	0.15	1,169	1.2	720,596	616.4	−262,856	−36.5
Pacific	721	0.4	3,000,048	4,161.0	413,432	573	0.14	1,089	0.8	4,868,513	4,470.6	−1,868,465	−38.4
The North	7,169	0.2	4,948,818	690.3	559,055	78	0.11	11,188	0.4	9,829,321	878.3	−4,880,503	−49.7
The South	3,050	0.1	999,258	327.6	105,324	35	0.11	2,223	0.1	953,888	429.1	45,370	4.8
The West	1,835	0.5	3,457,788	1,884.4	484,329	264	0.14	2,258	0.9	5,589,109	2,475.2	−2,131,321	−38.1
East of the Mississippi River	6,841	0.2	5,050,398	738.3	559,783	82	0.11	8,651	0.2	8,762,987	1,012.9	−3,712,589	−42.4
West of the Mississippi River	5,213	0.2	4,355,466	835.5	588,925	113	0.14	7,018	0.3	7,609,331	1,084.3	−3,253,865	−42.8

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

Butter and cheese made on farms and in factories: 1909 and 1899.—The making of butter and cheese is, as already stated, shifting from the farm to the factory. Although the detailed statistics pertaining to the factory production of butter and cheese are found in the census reports dealing with manufactures, sufficient data are presented in this report to give a general idea of the extent and distribution of the industry.

Table 6, which follows, shows the quantity of butter and cheese produced on farms and in factories, 1909 and 1899, for the United States as a whole and by geographic divisions.

Table 6

DIVISION.	BUTTER PRODUCED (POUNDS).				CHEESE PRODUCED (POUNDS).				PER CENT OF TOTAL.			
	1909	1899	Increase.[1]		1909	1899	Increase.[1]		Butter.		Cheese.	
			Amount.	Per cent.			Amount.	Per cent.	1909	1899	1909	1899
United States:												
Total[2]	**1,619,415,263**	**1,491,752,602**	**127,662,661**	**8.6**	**320,532,181**	**298,344,642**	**22,187,539**	**7.4**	**100.0**	**100.0**	**100.0**	**100.0**
Made on farms	**994,650,610**	**1,071,626,056**	**−76,975,446**	**−7.2**	**9,405,864**	**16,372,318**	**−6,966,454**	**−42.6**	**61.4**	**71.8**	**2.9**	**5.5**
Made in factories[2]	**624,764,653**	**420,126,546**	**204,638,107**	**48.7**	**311,126,317**	**281,972,324**	**29,153,993**	**10.3**	**38.6**	**28.2**	**97.1**	**94.5**
NEW ENGLAND:												
Total	(3)	92,032,196	(3)	(3)	3,676,609	6,958,700	−3,282,091	−47.2	.....	100.0	100.0	100.0
Made on farms	40,732,783	51,454,627	−10,721,844	−20.8	673,865	1,003,103	−329,238	−32.8	(3)	55.9	18.3	14.4
Made in factories	(3)	40,577,569	(3)	(3)	3,002,744	5,955,597	−2,952,853	−49.6	(3)	44.1	81.7	85.6
MIDDLE ATLANTIC:												
Total	165,392,518	233,986,350	−68,593,832	−29.3	118,339,484	141,259,571	−22,920,087	−16.2	100.0	100.0	100.0	100.0
Made on farms	88,242,228	154,829,824	−66,587,596	−43.0	1,910,549	3,506,096	−1,595,547	−45.5	53.4	66.2	1.6	2.5
Made in factories	77,150,290	79,156,526	−2,006,236	−2.5	116,428,935	137,753,475	−21,324,540	−15.5	46.6	33.8	98.4	97.5
EAST NORTH CENTRAL:												
Total	424,137,997	403,208,930	20,929,067	5.2	180,423,449	120,279,089	60,144,360	50.0	100.0	100.0	100.0	100.0
Made on farms	230,966,876	287,878,290	−56,911,414	−19.8	1,891,208	3,636,013	−1,744,805	−48.0	54.5	71.4	1.0	3.0
Made in factories	193,171,121	115,330,640	77,840,481	67.5	178,532,241	116,643,076	61,889,165	53.1	45.5	28.6	99.0	97.0
WEST NORTH CENTRAL:												
Total	444,724,204	407,632,767	37,091,437	9.1	(3)	13,667,004	(3)	(3)	100.0	100.0	.....	100.0
Made on farms	201,172,278	251,226,460	−50,054,182	−19.9	473,196	1,684,109	−1,210,913	−71.9	45.2	61.6	(4)	12.3
Made in factories	243,551,926	156,406,307	87,145,619	55.7	(3)	11,982,895	(3)	(3)	54.8	38.4	(4)	87.7
SOUTH ATLANTIC:												
Total	(3)	92,883,312	(3)	(3)	(3)	593,308	(3)	(3)	.....	100.0	.....	100.0
Made on farms	123,270,552	89,111,226	34,159,326	38.3	480,805	480,448	357	0.1	(3)	95.9	(3)	81.0
Made in factories	(3)	3,772,086	(3)	(3)	(3)	112,860	(3)	(3)	(3)	4.1	(3)	19.0
EAST SOUTH CENTRAL:												
Total	(3)	(3)	(3)	(3)	93,971	(3)	(3)	(3)	.....	.....	100.0	.....
Made on farms	136,239,873	97,541,277	38,698,596	39.7	93,971	137,327	−43,356	−31.6	(3)	(3)	100.0	(3)
Made in factories	(3)	(3)	(3)	(3)	.....	(3)	(3)	(3)	(3)	(3)	.....	(3)
WEST SOUTH CENTRAL:												
Total	(3)	88,356,542	(3)	(3)	(3)	473,381	(3)	(3)	.....	100.0	.....	100.0
Made on farms	128,188,799	88,382,053	39,806,746	45.0	424,482	336,113	88,369	26.3	(3)	99.5	(3)	71.0
Made in factories	(3)	474,489	(3)	(3)	(3)	137,268	(3)	(3)	(3)	0.5	(3)	29.0
MOUNTAIN:												
Total	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	.....	.....	.....	.....
Made on farms	18,115,811	14,869,383	3,246,428	21.8	457,740	720,596	−262,856	−36.5	(3)	(3)	(3)	(3)
Made in factories	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
PACIFIC:												
Total	84,780,111	54,653,831	30,126,280	55.1	9,208,931	10,222,747	−1,013,816	−9.9	100.0	100.0	100.0	100.0
Made on farms	27,721,410	36,332,916	−8,611,506	−23.7	3,000,048	4,868,513	−1,868,465	−38.4	32.7	66.5	32.6	47.6
Made in factories	57,058,701	18,320,915	38,737,786	211.4	6,208,883	5,354,234	854,649	16.0	67.3	33.5	67.4	52.4

[1] A minus sign (−) denotes decrease. [2] See footnote 2, Table 1, page 474. [3] Can not be shown separately, as to do so would disclose individual operations.

Table 17 at the close of this section shows the amount of butter and cheese made on farms and in factories as reported at the two censuses, by geographic divisions and states. The statistics for the several geographic divisions are reproduced in Table 6, together with the amounts and percentages of change during the decade and the percentage of the total production made in factories and on farms. In a number of cases it is impossible to show the amount of butter or cheese made in factories for geographic divisions, because to do so would indirectly disclose the operations of individual plants. The comparability of the figures as to the farm production in 1909 and 1899 has already been discussed.

In 1909 the production in factories formed 67.3 per cent of the total production of butter in the Pacific division and 54.8 per cent in the West North Central division, while in the Middle Atlantic and East North Central divisions less butter was made in factories than on farms.

Per cent distribution of the production of dairy products, by divisions and sections: 1909 and 1899.—Table 7 shows, by percentages, the distribution among the geographic divisions and sections, the total number of farms reporting dairy cows, the number of dairy cows, and the principal items relating to dairy products. The qualifications already presented regarding the accuracy of the data should be borne in mind. The distribution of the value of dairy products and of the quantity of milk shown for 1909 is based on the figures actually reported and not on the estimated totals.

Table 7

PER CENT OF UNITED STATES TOTAL.

DIVISION OR SECTION.	Dairy cows.				Value of dairy products (as reported).		Milk reported (quantity).		Butter made (quantity).						Cheese made (quantity).					
	Farms reporting.		Number.						Total.		On farms.		In factories.		Total.		On farms.		In factories.	
	1910 (Apr. 15)	1900 (June 1)	1910 (Apr. 15)	1900 (June 1)	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England	2.9	3.4	4.1	5.2	8.5	9.5	6.0	6.7	(1)	6.2	4.1	4.8	(1)	9.7	1.1	2.3	7.2	6.1	1.0	2.1
Middle Atlantic	7.8	9.4	12.6	15.2	21.9	21.1	17.2	18.4	10.2	15.7	8.9	14.4	12.3	18.8	36.9	47.3	20.3	21.4	37.4	48.9
East North Central	19.6	22.2	23.4	23.1	26.8	24.2	20.9	26.5	26.2	27.0	23.2	26.9	30.0	27.5	56.3	40.3	20.1	22.2	57.4	41.4
West North Central	19.2	20.5	25.8	26.4	18.2	18.4	21.8	23.1	27.5	27.3	20.2	23.4	39.0	37.2	(1)	4.6	5.0	10.3	(1)	4.2
South Atlantic	15.5	14.3	8.8	8.1	6.0	7.5	7.2	6.8	(1)	6.2	12.4	8.3	(1)	0.9	(1)	0.2	5.1	2.9	(1)	(2)
East South Central	15.9	14.7	7.9	7.4	5.1	6.5	6.9	6.9	(1)	(1)	13.7	9.1	(1)	(1)	(2)	(1)	1.0	0.8	.....	(1)
West South Central	14.1	11.7	10.9	9.5	5.4	6.5	7.2	6.5	(1)	6.0	12.9	8.2	(1)	0.1	(1)	0.2	4.5	2.1	(1)	(2)
Mountain	2.3	1.5	2.5	1.9	2.2	2.1	2.0	1.5	(1)	(1)	1.8	1.4	(1)	(1)	(1)	(1)	4.9	4.4	(1)	(1)
Pacific	2.7	2.3	4.0	3.1	5.0	4.1	4.8	3.5	5.2	3.7	2.8	3.4	9.1	4.4	2.9	3.4	31.9	20.7	2.0	1.9
The North	49.5	55.5	65.9	70.0	75.4	73.3	71.9	74.8	(1)	(1)	56.4	69.6	(1)	(1)	(1)	(1)	52.6	60.0	(1)	(1)
The South	45.4	40.7	27.6	25.0	16.5	20.5	21.3	20.2	(1)	(1)	39.0	25.7	(1)	(1)	(1)	(1)	10.6	5.8	(1)	(1)
The West	5.1	3.9	6.5	5.1	8.1	6.3	6.8	5.0	(1)	(1)	4.6	4.8	(1)	(1)	(1)	(1)	36.8	34.1	(1)	(1)
East of the Mississippi	61.6	63.9	56.8	59.0	68.2	68.9	64.2	65.3	(1)	(1)	62.3	63.5	(1)	(1)	(1)	(1)	53.7	53.5	(1)	(1)
West of the Mississippi	38.4	36.1	43.2	41.0	31.8	31.1	35.8	34.7	(1)	(1)	37.7	36.5	(1)	(1)	(1)	(1)	46.3	46.5	(1)	(1)

[1] Can not be shown separately, as to do so would disclose individual operations.

[2] Less than one-tenth of 1 per cent.

The distribution of the farm production of dairy products among the geographic divisions and sections naturally conforms more or less closely to the distribution of the number of dairy cows, but the correspondence is by no means exact. The imperfection of the reports, both as to the number of dairy cows and as to the quantity of dairy products, especially milk, renders close comparison impossible.

Of the total number of farms reporting dairy cows in 1910 almost one-fifth were in the East North Central division, and one-fifth in the West North Central division. They each had a slightly larger proportion of the total in 1900. There are more dairy cows per farm in these divisions than in most others. In 1910 these two geographic divisions together reported 49.2 per cent of all dairy cows, and in 1900 they reported 49.5 per cent, showing almost no change in this respect. The North as a whole had in 1910, 49.5 per cent of all farms reporting dairy cows and 65.9 per cent of the total number of dairy cows.

Not only do the northern geographic divisions show a larger proportion of the total number of dairy cows than of the farms reporting dairy cows, but with the exception of the West North Central division they also show an even greater proportion of the total value of dairy products reported and of the quantity of milk produced. The higher proportions for the two items last mentioned are particularly noticeable in the New England and Middle Atlantic divisions, where they are partly accounted for by the greater average production of milk per cow and the higher prices of dairy products. The North, with 65.9 per cent of the dairy cows in 1910, produced in 1909, 71.9 per cent of the milk and 75.4 per cent of the total value of dairy products.

Of the total production of butter on farms and in factories in 1909, the West North Central division reported 27.5 per cent and the East North Central 26.2 per cent. The production in the Middle Atlantic division, which ranked next, constituted 10.2 per cent

of the total. Of the total quantity of factory-made butter these three divisions together produced 82.2 per cent; of the farm-made butter only 52.3 per cent.

While the butter production is very widely distributed, cheese is produced only to a limited extent outside of two divisions. The East North Central division in 1909 produced 56.3 per cent of the total farm and factory output, and the Middle Atlantic 36.9 per cent. In fact, as shown by Table 17, two states—Wisconsin and New York—produced about 79.4 per cent of the total.

Leading dairy states.—As shown by Table 14, the leading dairy state in 1909, as judged by the total value of dairy products (excluding milk and cream used at home), was New York, followed by Wisconsin, Pennsylvania, Illinois, Iowa, Ohio, Minnesota, Michigan, and California, in each of which the value reported exceeded $20,000,000. In the production of butter (on farms and in factories combined) Wisconsin was the leading state, followed by Iowa, Minnesota, Pennsylvania, Michigan, Ohio, Illinois, and New York. A large part of the milk produced in New York is sold for consumption in the cities, and a large proportion is also used in making cheese and condensed milk. New York ranked next to Wisconsin in the production of cheese, and in no other state did the quantity produced equal one-seventh of that reported for New York. In the combined production of butter and cheese Wisconsin led with 279,992,000 pounds, followed by New York with 174,944,000 pounds. For April 15, 1910, New York reported the largest number of dairy cows, 1,510,000; Wisconsin the second largest number, 1,474,000. Iowa ranked third, Minnesota fourth, Illinois fifth, and Texas sixth. It is very probable that many of the cows reported from Texas as dairy cows were in fact kept mainly for nondairy purposes.

Sales of dairy products: 1909 and 1899.—Table 8 shows, by geographic divisions and sections, the quantity and value of dairy products sold by farmers in 1909 and 1899.

Table 8

DIVISION OR SECTION.	RECEIPTS FROM SALES OF DAIRY PRODUCTS.		MILK SOLD.				CREAM SOLD.			
			Gallons.		Amount received.		Gallons.		Amount received.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States	**$473,769,412**	**$281,569,312**	**1,937,255,864**	**2,134,830,207**	**$252,436,757**	**$184,817,119**	**54,933,583**	**20,768,662**	**$37,655,047**	**$8,838,776**
New England	47,538,217	37,524,069	175,209,759	214,279,534	31,344,948	25,653,577	4,469,060	9,259,207	3,168,909	3,578,618
Middle Atlantic	122,989,049	80,895,229	750,556,634	667,199,558	93,644,462	59,841,831	2,446,696	1,183,298	1,713,979	593,701
East North Central	138,401,771	73,526,017	661,302,433	615,740,302	73,063,198	46,994,979	15,272,040	3,200,925	10,157,366	1,437,649
West North Central	84,390,336	49,062,177	144,537,918	439,066,021	18,214,700	28,444,573	22,599,643	6,078,898	14,530,377	2,615,198
South Atlantic	17,137,738	10,127,068	45,378,866	44,521,955	8,603,975	5,734,657	1,027,441	269,012	743,112	153,028
East South Central	9,301,281	5,455,825	22,593,214	19,610,329	4,126,971	2,638,210	368,959	153,561	265,754	77,773
West South Central	11,922,158	5,625,225	21,070,626	19,870,589	4,700,646	3,059,240	1,064,000	67,216	795,188	46,397
Mountain	10,141,383	5,721,924	31,108,665	32,795,581	5,346,099	4,014,668	1,549,881	185,136	1,230,340	128,039
Pacific	31,947,479	13,631,178	85,497,749	81,746,338	13,391,758	8,435,384	6,135,863	371,409	5,050,022	208,373
The North	393,319,373	241,007,492	1,731,606,744	1,936,285,415	216,267,308	160,934,960	44,787,439	19,722,328	29,570,631	8,225,166
The South	38,361,177	21,208,718	89,042,706	84,002,873	17,431,592	11,432,107	2,460,400	489,789	1,804,054	277,198
The West	42,088,862	19,353,102	116,606,414	114,541,919	18,737,857	12,450,052	7,685,744	556,545	6,280,362	336,412
East of the Mississippi River	335,368,056	207,528,808	1,655,040,906	1,561,351,678	210,783,554	140,863,254	23,584,196	14,066,003	16,049,120	5,840,769
West of the Mississippi River	138,401,356	74,040,504	282,214,958	573,478,529	41,653,203	43,953,865	31,349,387	6,702,659	21,605,927	2,998,007

DIVISION OR SECTION.	BUTTER FAT SOLD.		BUTTER SOLD.				CHEESE SOLD.			
	Pounds.	Amount received.	Pounds.		Amount received.		Pounds.		Amount received.	
	1909	1909	1909	1899	1909	1899	1909	1899	1909	1899
United States	**305,662,587**	**$82,311,511**	**415,080,489**	**518,042,767**	**$100,378,123**	**$86,570,973**	**8,136,901**	**14,692,542**	**$987,974**	**$1,342,444**
New England	14,599,430	4,413,631	29,528,001	38,854,631	8,533,864	8,193,207	591,008	870,036	76,865	98,667
Middle Atlantic	44,023,628	12,223,106	57,828,247	106,919,914	15,229,862	20,153,645	1,752,682	3,358,354	177,640	306,052
East North Central	85,099,734	23,128,671	135,159,149	162,381,475	31,855,809	24,820,189	1,718,462	3,317,844	196,727	273,200
West North Central	123,176,904	31,270,493	88,186,732	122,614,081	20,333,127	17,875,635	334,300	1,331,797	41,639	126,771
South Atlantic	505,904	125,727	33,888,871	24,432,566	7,622,916	4,214,943	385,920	436,703	42,008	25,040
East South Central	217,860	59,062	22,688,468	16,500,683	4,842,959	2,731,995	64,748	77,591	6,535	7,847
West South Central	4,465,810	1,015,068	24,321,179	15,745,423	5,381,690	2,499,218	270,967	231,316	29,566	20,370
Mountain	4,799,182	1,352,095	7,035,775	7,092,425	2,166,918	1,518,094	307,141	554,371	45,931	61,123
Pacific	28,774,135	8,723,658	15,844,067	23,502,129	4,410,978	4,564,047	2,711,673	4,514,530	371,063	423,374
The North	266,899,696	71,035,901	310,702,129	430,769,501	75,952,662	71,042,676	4,396,452	8,878,031	492,871	804,690
The South	5,189,574	1,199,857	80,898,518	56,678,672	17,847,565	9,446,156	721,635	745,610	78,109	53,257
The West	33,573,317	10,075,753	23,479,842	30,594,594	6,577,896	6,082,141	3,018,814	5,068,901	416,994	484,497
East of the Mississippi River	144,446,556	39,950,197	279,092,736	343,088,669	68,685,410	60,113,979	4,512,820	8,060,528	499,775	710,806
West of the Mississippi River	161,216,031	42,361,314	135,987,753	168,954,098	32,292,713	26,456,994	3,624,081	6,632,014	488,199	631,638

Sales of butter and cheese by factories are not shown, as they are substantially the same as the production. It should be noted, however, that factories sell more or less whole milk and cream and also derive some revenue from the sale of skimmed milk, buttermilk, and other minor products.

The figures given for 1899 include some estimates, though probably not relatively so many as the figures for total production published for that census. The figures for 1909 are as reported. Aside from this source of incomparability, comparisons of the quantity and value of milk sold are seriously affected by the fact

that milk sold on a butter-fat basis in 1899 was usually included under the heading of milk, sales of "butter fat" not being reported separately as in 1909. It was stated, moreover, in the reports of the Twelfth Census that some farmers erroneously reported butter fat as butter.

No comparison can be made between the quantities of milk and cream sold, as shown in this table, and the quantities used as materials in the butter, cheese, and condensed-milk industries, as shown by the manufactures census, by reason of the differing practice with respect to milk and cream paid for on the butter fat basis. The manufactures schedule called for the actual quantity of milk and cream received by the factories, without regard to the basis upon which it was paid for, while the agriculture schedule called only for the quantity of butter fat, where butter fat formed the basis of payment, and not for the quantity of milk or cream involved. In many sections, therefore, where the manufacturers generally pay for milk and cream purchased on the butter fat basis, a large part of the milk and cream reported by the factories was covered by the figures reported by the farmers for butter fat sold.

Table 9 shows the ratio of the quantity of butter and cheese sold to the total quantity made on farms, by geographic divisions and sections. Comparisons between divisions as to the percentage which milk sold as such—which, at least for 1909, does not include milk paid for on the basis of cream or butter fat content—forms of the total quantity of milk produced would have comparatively little significance.

There are wide differences among the geographic divisions with respect to the ratio which the quantity of butter and, to a less degree, of cheese sold bears to the total production on farms. In the North and West a large part of the butter made on farms is sold, the proportions in 1909 ranging from 42.2 per cent in the Mountain division to 72.5 per cent in the New England. In the South a much smaller proportion is sold, the percentages ranging from 16.7 in the East South Central division to 27.5 in the South Atlantic. In a majority of the divisions a smaller proportion of the butter made on farms was sold in 1909 than in 1899, the reason being that butter for the market is more largely made in factories than formerly.

Table 9

DIVISION OR SECTION.	RATIO OF QUANTITY SOLD TO TOTAL FARM PRODUCTION (PER CENT).			
	Butter.		Cheese.	
	1909	1899	1909	1899
United States	41.7	48.3	86.5	89.7
New England	72.5	75.5	87.7	86.7
Middle Atlantic	65.5	69.1	91.7	95.8
East North Central	58.5	56.4	90.9	91.2
West North Central	43.8	48.8	70.6	79.1
South Atlantic	27.5	27.4	80.3	90.9
East South Central	16.7	16.9	68.9	56.5
West South Central	19.0	17.8	63.8	66.8
Mountain	42.2	47.7	67.1	76.9
Pacific	57.2	64.7	90.4	92.7
The North	55.4	57.8	88.8	90.3
The South	20.9	20.6	72.2	78.2
The West	51.2	59.8	87.3	90.7
East of the Mississippi River	45.1	51.3	89.4	92.0
West of the Mississippi River	36.2	43.2	83.2	87.2

Table 10 gives percentages showing the proportion which each division and section contributed to the total sales of the various classes of dairy products of farms.

Table 10

DIVISION OR SECTION.	PER CENT OF UNITED STATES TOTAL.																			
	Receipts from sale of dairy products.		Milk sold.				Cream sold.				Butter fat sold.		Butter sold.				Cheese sold.			
			Gallons.		Amount received.		Gallons.		Amount received.		Lbs.	Amt. received.	Pounds.		Amount received.		Pounds.		Amount received.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1909	1909	1899	1909	1899	1909	1899	1909	1899
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England	10.0	13.3	9.0	10.0	12.4	13.9	8.1	44.6	8.4	40.5	4.8	5.4	7.1	7.5	8.5	9.5	7.3	5.9	7.8	7.4
Middle Atlantic	26.0	28.7	38.7	31.3	37.1	32.4	4.5	5.7	4.6	6.7	14.4	14.8	13.9	20.6	15.2	23.3	21.5	22.9	13.0	22.8
East North Central	29.2	26.1	34.1	28.8	28.9	25.4	27.8	15.4	27.0	16.3	27.8	28.1	32.6	31.3	31.7	28.7	21.1	22.6	19.9	20.4
West North Central	17.8	17.4	7.5	20.6	7.2	15.4	41.1	29.3	38.6	29.6	40.3	38.0	21.2	23.7	20.3	20.6	4.1	9.1	4.2	9.4
South Atlantic	3.6	3.6	2.3	2.1	3.4	3.1	1.9	1.3	2.0	1.7	0.2	0.2	8.2	4.7	7.6	4.9	4.7	3.0	4.3	1.9
East South Central	2.0	1.9	1.2	0.9	1.6	1.4	0.7	0.7	0.7	0.9	0.1	0.1	5.5	3.2	4.8	3.2	0.8	0.5	0.7	0.6
West South Central	2.5	2.0	1.1	0.9	1.9	1.7	1.9	0.3	2.1	0.5	1.5	1.2	5.9	3.0	5.4	2.9	3.3	1.6	3.0	1.5
Mountain	2.1	2.0	1.6	1.5	2.1	2.2	2.8	0.9	3.3	1.4	1.6	1.6	1.8	1.4	2.2	1.8	3.8	3.8	4.6	4.6
Pacific	6.7	4.8	4.4	3.8	5.3	4.6	11.2	1.8	13.4	2.4	9.4	10.6	3.8	4.5	4.4	5.3	33.3	30.7	37.6	31.5
The North	83.0	85.6	89.4	90.7	85.7	87.1	81.5	95.0	78.5	93.1	87.3	86.3	74.9	83.2	75.7	82.1	54.0	60.4	49.9	59.9
The South	8.1	7.5	4.6	3.9	6.9	6.2	4.5	2.4	4.8	3.1	1.7	1.5	19.5	10.9	17.8	10.9	8.9	5.1	7.9	4.0
The West	8.9	6.9	6.0	5.4	7.4	6.7	14.0	2.7	16.7	3.8	11.0	12.2	5.7	5.9	6.6	7.0	37.1	34.5	42.2	36.1
East of Mississippi	70.8	73.7	85.4	73.1	83.5	76.2	42.9	67.7	42.6	66.1	47.3	48.5	67.2	67.4	67.8	69.4	55.5	54.9	50.6	52.9
West of Mississippi	29.2	26.3	14.6	26.9	16.5	23.8	57.1	32.3	57.4	33.9	52.7	51.5	32.8	32.6	32.2	30.6	44.5	45.1	49.4	47.1

Since, as already shown, the farmers in some sections of the country produce dairy products principally for home consumption, while in other sections they produce principally for the market, the distribution of the quantities sold differs considerably from that of the quantities produced (compare Table 7). In 1910, 65.9 per cent of all dairy cows were in the North, but the North reported 83 per cent of the total sales of dairy products, as measured by value in 1909; it reported 89.4 per cent of the total quantity of milk sold, 81.5 per cent of the cream, 87.3 per cent of the butter fat, 74.9 per cent of the butter, and 54 per cent of the cheese. In total value of dairy products sold by farmers in 1909, the East North Central division ranked

first, with 29.2 per cent of the total for the country, followed by the Middle Atlantic, with 26 per cent, and the West North Central, with 17.8 per cent.

In every case the percentages shown for the North were lower in 1909 than in 1899 and those for the South higher. The West shows an increased percentage for total receipts from sale of dairy products and for quantity and value of milk, cream, and cheese sold, but a slight decrease for quantity and value of butter sold.

Table 11 shows the increase or decrease between 1899 and 1909 in those items of Table 8 for which comparative figures are available, namely, receipts from sales of dairy products, and quantity and value of butter and cheese sold. The figures shown for any given geographic division can not be considered very accurate in themselves, but the table doubtless indicates approximately the differences among the divisions and sections with respect to the changes during the decade.

Table 11

INCREASE:[1] 1899–1909

DIVISION OR SECTION.	Receipts from sales of dairy products.		Butter sold.				Cheese sold.			
			Pounds.		Amount received.		Pounds.		Amount received.	
	Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.	Number.	Per cent.	Amount.	Per cent.
United States	**$192,200,100**	**68.3**	**−102,962,278**	**−19.9**	**$13,807,150**	**15.9**	**−6,555,641**	**−44.6**	**−$354,470**	**−26.4**
New England	10,014,148	26.7	−9,326,030	−24.0	340,657	4.2	−279,028	−32.1	−21,802	−22.1
Middle Atlantic	42,093,820	52.0	−49,091,667	−45.9	−4,923,783	−24.4	−1,605,672	−47.8	−128,412	−42.0
East North Central	64,875,754	88.2	−27,222,326	−16.8	7,035,620	28.3	−1,599,382	−48.2	−76,473	−28.0
West North Central	35,328,159	72.0	−34,427,349	−28.1	2,457,492	13.7	−997,497	−74.9	−85,132	−67.2
South Atlantic	7,010,070	69.2	9,456,305	38.7	3,407,973	80.9	−50,783	−11.6	16,968	67.8
East South Central	3,845,456	70.5	6,187,785	37.5	2,110,964	77.3	−12,843	−16.6	−1,312	−16.7
West South Central	6,296,933	111.9	8,575,756	54.5	2,882,472	115.3	39,651	17.1	9,196	45.1
Mountain	4,419,459	77.2	543,310	7.7	648,824	42.7	−247,230	−44.6	−15,192	−24.9
Pacific	18,316,301	134.4	−7,658,062	−32.6	−153,069	−3.4	−1,802,857	−39.9	−52,311	−12.4
The North	152,311,881	63.2	−120,067,372	−27.9	4,909,986	6.9	−4,481,579	−50.5	−311,819	−38.7
The South	17,152,459	80.9	24,219,846	42.7	8,401,409	88.9	−23,975	−3.2	24,852	46.7
The West	22,735,760	117.5	−7,114,752	−23.3	495,755	8.2	−2,050,087	−40.4	−67,503	−13.9
East of the Mississippi River	127,839,248	61.6	−69,995,933	−20.1	7,971,431	13.3	−3,547,708	−44.0	−211,031	−29.7
West of the Mississippi River	64,360,852	86.9	−32,966,345	−19.5	5,835,719	22.1	−3,007,933	−45.4	−143,439	−22.7

[1] A minus sign (−) denotes decrease.

The percentage of increase in the receipts from sales of dairy products for the United States as a whole was 68.3; for the North it was 63.2; for the South, 80.9; and for the West, 117.5. The division showing the greatest absolute increase was the East North Central, but the percentages of increase were higher in the Pacific and West South Central divisions. The increases reported are due largely to the advance in the prices of dairy products. The decreases shown for most divisions in the amount of butter sold and of cheese sold are due chiefly to the change in the method of disposing of farm products, many farmers now selling milk or cream to butter and cheese factories instead of making these products themselves for sale. In the southern divisions and the Mountain division, however, there was an increase in the sales of butter by farmers.

Average values of dairy products sold by farmers: 1909 and 1899.—Table 12 shows, by geographic divisions and sections, the average value per gallon or per pound of the several classes of dairy products sold by farmers in 1909 and 1899. These averages are probably quite closely comparable.

The average value of milk sold by farmers in the United States as a whole was 8.7 cents per gallon in 1899, compared with 13 cents in 1909. Every division shows a decided increase. The highest average was in the West South Central division at both censuses, 15.4 cents per gallon in 1899, and 22.3 cents in 1909. The South Atlantic and East South Central divisions ranked next in value of milk sold per gallon in 1909, while the average was lowest, 11 cents, in the East North Central division.

Table 12

AVERAGE VALUE OF PRODUCTS SOLD BY FARMERS.

DIVISION OR SECTION.	Milk per gallon.		Cream per gallon.		Butter fat per lb.	Butter per pound.		Cheese per pound.	
	1909	1899	1909	1899	1909	1909	1899	1909	1899
United States	**$0.130**	**$0.087**	**$0.685**	**$0.426**	**$0.269**	**$0.242**	**$0.167**	**$0.121**	**$0.091**
New England	0.179	0.120	0.709	0.386	0.302	0.289	0.211	0.130	0.113
Middle Atlantic	0.125	0.090	0.701	0.502	0.278	0.263	0.188	0.101	0.091
East North Central	0.110	0.076	0.665	0.449	0.272	0.236	0.153	0.114	0.082
West North Central	0.126	0.065	0.643	0.430	0.254	0.231	0.146	0.125	0.095
South Atlantic	0.190	0.129	0.723	0.569	0.249	0.225	0.173	0.109	0.057
East South Central	0.183	0.135	0.720	0.506	0.271	0.213	0.166	0.101	0.101
West South Central	0.223	0.154	0.747	0.690	0.227	0.221	0.159	0.109	0.088
Mountain	0.172	0.122	0.794	0.692	0.282	0.284	0.214	0.150	0.110
Pacific	0.157	0.103	0.823	0.561	0.303	0.278	0.194	0.137	0.094
The North	0.125	0.083	0.660	0.417	0.266	0.244	0.165	0.112	0.091
The South	0.196	0.136	0.733	0.566	0.231	0.221	0.167	0.108	0.071
The West	0.161	0.109	0.817	0.604	0.300	0.280	0.199	0.138	0.096
East of Mississippi	0.127	0.090	0.681	0.415	0.277	0.244	0.172	0.111	0.088
West of Mississippi	0.148	0.077	0.689	0.447	0.263	0.237	0.157	0.135	0.095

Marked variations appeared among the divisions in the average value of cream per gallon in 1899, but less variation in 1909. Inasmuch as little butter fat was reported as sold in the southern and western divisions, the average values of butter fat for these divisions have less significance than those for the northern divisions.

The average value of butter sold by farmers in the United States as a whole was 24.2 cents per pound in 1909, as compared with 16.7 cents in 1899, an increase of 44.9 per cent. In 1909 the average value was highest in New England, 28.9 cents, and lowest in the East South Central division, 21.3 cents. The average value of all cheese sold increased from 9.1 cents per pound in 1899 to 12.1 cents in 1909, or 33 per cent. In the latter year the average ranged from 10.1 cents in the Middle Atlantic and East South Central divisions to 15 cents in the Mountain division. Every division shows a decided increase in the value per pound of butter, and all except the East South Central an increase in that of cheese.

State tables.—Tables 13 to 18, inclusive, give statistics regarding dairy products, by divisions and states, substantially similar to those given by divisions and sections in the tables already presented. Table 13 relates to the number of dairy cows on farms and the number of farms reporting them; Table 14 relates to the total value of dairy products and to the quantity of milk produced; Table 15 relates to butter made on farms, and shows the increase or decrease in production; Table 16 relates to cheese made on farms; Table 17 presents statistics for butter and cheese made in factories, and for that made both on farms and in factories; and Table 18 relates to sales of dairy products.

DAIRY PRODUCTS—FARMS REPORTING DAIRY COWS AND NUMBER OF SUCH COWS: 1910 AND 1900.

Table 13

DIVISION OR STATE.	DAIRY COWS ON FARMS APRIL 15, 1910.										DAIRY COWS ON FARMS JUNE 1, 1900.			
	Total.				On farms reporting dairy products of any kind in 1909.			On farms reporting milk produced in 1909.			Total.			
	Farms reporting.		Cows.		Farms reporting.			Farms reporting.			Farms reporting.		Cows.	
	Number.	Per ct. of all farms.	Number.	Av. per farm.	Number.	Per ct. of all farms.	Number of cows.	Number.	Per ct. of all farms.	Number of cows.	Number.	Per ct. of all farms.	Number.	Av. per farm.
United States	**5,140,869**	**80.8**	**20,625,432**	**4.0**	**4,413,333**	**69.4**	**18,745,662**	**4,021,460**	**63.2**	**16,069,298**	**4,513,895**	**78.7**	**17,135,633**	**3.8**
GEOGRAPHIC DIVISIONS:														
New England	147,028	77.9	841,698	5.7	135,180	71.6	805,932	122,884	65.1	730,820	154,663	80.6	893,478	5.8
Middle Atlantic	400,473	85.5	2,597,652	6.5	368,336	78.6	2,474,485	308,042	65.8	2,043,586	423,579	87.2	2,602,788	6.1
East North Central	1,009,479	89.9	4,829,527	4.8	924,481	82.3	4,580,632	808,709	72.0	3,817,196	1,000,503	88.1	3,962,481	4.0
West North Central	980,135	89.1	5,327,606	5.4	859,550	77.4	4,890,956	726,153	65.4	3,894,317	924,910	87.2	4,527,803	4.9
South Atlantic	794,716	71.5	1,810,754	2.3	658,507	59.2	1,557,143	635,948	57.2	1,464,875	644,320	67.0	1,383,319	2.1
East South Central	815,423	78.2	1,628,061	2.0	692,436	66.4	1,421,785	683,239	65.5	1,391,307	662,664	73.4	1,264,282	1.9
West South Central	724,466	76.8	2,249,553	3.1	579,641	61.5	1,889,495	559,993	59.4	1,792,126	528,857	70.1	1,634,954	3.1
Mountain	120,328	65.6	514,466	4.3	85,345	46.5	401,543	76,759	41.8	343,694	69,754	68.8	329,604	4.7
Pacific	139,821	73.6	826,115	5.9	109,857	57.8	723,691	99,733	52.5	591,377	104,645	73.9	536,924	5.1
NEW ENGLAND:														
Maine	46,944	78.2	156,819	3.3	42,885	71.5	148,279	37,591	62.6	126,001	49,161	82.9	173,592	3.5
New Hampshire	20,168	74.5	101,278	5.0	18,060	66.8	95,241	15,638	57.8	79,841	22,519	76.8	115,036	5.1
Vermont	27,947	85.4	265,483	9.5	26,636	81.4	259,266	25,433	77.8	247,126	29,277	88.4	270,194	9.2
Massachusetts	27,193	73.7	171,936	6.3	26,349	71.4	168,959	25,713	69.7	163,967	28,162	74.7	184,562	6.6
Rhode Island	3,932	74.3	23,329	5.9	3,438	65.0	21,610	3,185	60.2	20,011	4,047	73.6	23,660	5.8
Connecticut	20,844	77.7	122,853	5.9	17,812	66.4	112,577	15,324	57.1	93,874	21,497	79.8	126,434	5.9
MIDDLE ATLANTIC:														
New York	184,024	85.4	1,509,594	8.2	168,408	78.1	1,439,025	132,204	61.3	1,151,284	196,366	86.6	1,501,608	7.6
New Jersey	25,275	75.5	154,418	6.1	22,266	66.5	144,274	20,073	59.9	129,807	27,177	78.4	157,407	5.8
Pennsylvania	191,174	87.2	933,640	4.9	177,662	81.0	891,186	155,765	71.0	762,495	200,036	89.2	943,773	4.7
EAST NORTH CENTRAL:														
Ohio	241,736	88.9	905,125	3.7	221,442	81.4	854,463	201,526	74.1	769,907	244,405	88.3	818,239	3.3
Indiana	191,828	89.0	633,591	3.3	177,193	82.2	600,543	168,667	78.3	569,115	193,417	87.2	574,276	3.0
Illinois	228,267	90.6	1,050,223	4.6	202,336	80.3	969,993	184,993	73.4	849,951	230,625	87.3	1,007,664	4.4
Michigan	183,098	88.5	767,083	4.2	168,360	81.3	727,832	144,261	69.7	615,520	175,930	86.5	563,905	3.2
Wisconsin	164,550	92.9	1,473,505	9.0	155,150	87.6	1,427,801	109,262	61.7	1,012,703	156,136	92.0	998,397	6.4
WEST NORTH CENTRAL:														
Minnesota	145,584	93.2	1,085,388	7.5	133,877	85.7	1,035,290	96,413	61.8	725,907	139,438	90.2	753,632	5.4
Iowa	202,539	93.3	1,406,792	6.9	179,847	82.9	1,306,676	130,796	60.3	916,153	210,276	92.0	1,423,648	6.8
Missouri	245,403	88.5	856,430	3.5	213,741	77.1	776,645	205,728	74.2	730,503	240,140	84.3	765,386	3.2
North Dakota	62,977	84.7	259,173	4.1	51,484	69.2	227,345	43,493	58.5	181,898	35,044	77.3	125,503	3.6
South Dakota	61,046	78.6	369,764	6.1	47,891	61.7	321,673	40,216	51.8	260,224	44,197	84.0	270,634	6.1
Nebraska	114,407	88.3	613,952	5.4	98,593	76.0	557,629	89,498	69.0	497,023	105,913	87.2	512,544	4.8
Kansas	157,119	88.3	736,107	4.7	134,117	75.4	665,698	120,009	67.5	582,609	149,902	86.6	676,456	4.5
SOUTH ATLANTIC:														
Delaware	8,259	76.2	35,708	4.3	6,645	61.3	31,653	5,349	49.4	25,600	7,689	79.4	32,591	4.2
Maryland	38,826	79.4	166,859	4.3	33,830	69.1	153,548	25,592	52.3	114,872	36,009	78.3	147,284	4.1
District of Columbia	108	49.8	857	7.9	102	47.0	834	100	46.1	779	169	62.8	1,251	7.4
Virginia	148,565	80.7	356,284	2.4	135,250	73.5	333,785	133,192	72.4	326,268	126,792	75.5	281,876	2.2
West Virginia	87,004	90.0	239,539	2.8	81,108	83.9	228,569	80,586	83.3	225,157	80,477	86.7	205,601	2.6
North Carolina	173,635	68.4	308,914	1.8	146,626	57.8	269,776	143,711	56.6	263,347	144,553	64.4	233,178	1.6
South Carolina	109,179	61.9	180,842	1.7	79,959	45.3	137,234	78,779	44.7	134,201	81,483	52.5	126,684	1.6
Georgia	202,650	69.6	405,710	2.0	157,435	54.1	323,468	151,617	52.1	303,478	146,044	65.0	276,024	1.9
Florida	26,490	53.0	116,041	4.4	17,552	35.1	78,276	17,022	34.0	71,173	21,104	51.7	78,830	3.7
EAST SOUTH CENTRAL:														
Kentucky	216,181	83.4	409,834	1.9	192,145	74.1	371,823	190,307	73.4	365,039	189,905	80.9	364,025	1.9
Tennessee	205,360	83.5	397,104	1.9	184,925	75.2	365,192	183,807	74.7	358,917	179,025	79.7	321,676	1.8
Alabama	203,939	77.6	391,536	1.9	164,333	62.5	325,689	160,194	60.9	314,631	154,427	69.2	279,263	1.8
Mississippi	189,943	69.2	429,587	2.3	151,033	55.0	359,081	148,931	54.3	352,720	139,307	63.1	299,318	2.1
WEST SOUTH CENTRAL:														
Arkansas	163,643	76.2	425,793	2.6	137,305	64.0	375,018	133,773	62.3	361,009	126,235	70.6	312,577	2.5
Louisiana	82,147	68.1	279,097	3.4	55,536	46.1	197,657	54,653	45.3	189,267	63,967	55.2	184,815	2.9
Oklahoma	153,693	80.8	530,796	3.5	118,116	62.1	442,013	111,535	58.6	409,007	[1] 78,218	72.4	[1] 276,539	3.5
Texas	324,983	77.8	1,013,867	3.1	268,684	64.3	874,807	260,032	62.2	832,843	260,437	73.9	861,023	3.3
MOUNTAIN:														
Montana	16,774	64.0	77,527	4.6	10,543	40.2	56,892	9,631	36.7	49,765	9,526	71.2	45,036	4.7
Idaho	23,116	75.0	86,299	3.7	16,442	53.4	68,653	14,511	47.1	58,093	12,928	74.0	51,929	4.0
Wyoming	7,407	67.4	32,699	4.4	4,959	45.1	24,270	4,573	41.6	21,641	3,869	63.5	18,272	4.7
Colorado	32,660	70.7	144,734	4.4	23,235	50.3	114,156	20,335	44.0	94,132	18,669	75.6	100,116	5.4
New Mexico	15,869	44.5	51,451	3.2	10,206	28.6	33,935	9,915	27.8	32,023	4,044	32.8	16,775	4.1
Arizona	4,000	43.4	28,802	7.2	2,734	29.6	22,667	2,333	25.3	17,668	2,453	42.2	17,965	7.3
Utah	18,524	85.5	75,810	4.1	15,802	72.9	67,702	14,165	65.3	59,007	16,581	85.5	65,905	4.0
Nevada	1,978	73.6	17,084	8.6	1,424	53.0	13,268	1,296	48.2	11,365	1,684	77.1	13,606	8.1
PACIFIC:														
Washington	42,036	74.8	186,233	4.4	33,416	59.5	163,508	30,057	53.5	141,568	26,042	78.4	107,232	4.1
Oregon	36,684	80.6	172,550	4.7	30,065	66.1	151,371	27,564	60.6	134,424	29,414	82.1	122,447	4.2
California	61,101	69.3	467,332	7.6	46,376	52.6	408,812	42,112	47.7	315,385	49,189	67.8	307,245	6.2

[1] Includes Indian Territory.

DAIRY PRODUCTS—VALUE OF DAIRY PRODUCTS AND QUANTITY OF MILK PRODUCED: 1909 AND 1899.

[As to comparability of the statistics, see text discussion of Table 3.]

Table 14

DIVISION OR STATE.	VALUE OF DAIRY PRODUCTS OF FARMS (EXCLUDING HOME CONSUMPTION OF MILK AND CREAM): 1909				MILK PRODUCED ON FARMS (GALLONS): 1909			VALUE OF DAIRY PRODUCTS OF FARMS (INCLUDING HOME CONSUMPTION): 1899			MILK PRODUCED ON FARMS (GALLONS): 1899	
	As reported.	Estimated.[1]	Average per farm.[1]	Average per cow.[1]	As reported.	Estimated.[1]	Average per cow.[1]	As published (includes estimates).[1]	Average per farm.	Average per cow.	As published (includes estimates).	Average per cow.
United States	**$596,413,463**	**$656,301,246**	**$135**	**$31.82**	**5,813,699,474**	**7,466,406,384**	**362**	**$472,276,783**	**$105**	**$27.56**	**7,265,804,304**	**424**
GEOGRAPHIC DIVISIONS:												
New England	50,720,766	52,068,055	375	62.93	347,872,803	400,648,248	476	44,994,644	291	50.36	489,800,248	548
Middle Atlantic	130,772,563	137,285,908	355	52.85	1,001,269,989	1,272,849,480	490	99,771,134	236	38.33	1,337,547,225	514
East North Central	159,673,557	168,357,311	173	34.86	1,564,282,966	1,980,106,070	410	114,444,648	114	28.88	1,928,325,938	487
West North Central	108,824,533	118,539,234	127	22.25	1,266,991,620	1,731,471,950	325	86,765,701	94	19.16	1,681,574,390	371
South Atlantic	35,578,455	41,375,729	54	22.85	418,843,384	517,875,644	286	35,427,048	55	25.61	492,138,465	356
East South Central	30,200,917	34,580,016	44	21.24	400,476,525	408,881,568	288	30,689,486	46	24.27	499,560,976	395
West South Central	32,394,027	38,557,338	56	17.14	416,401,603	521,896,296	232	30,577,872	58	18.70	474,389,212	290
Mountain	12,991,603	16,642,975	152	32.35	116,468,996	174,403,974	339	10,110,135	145	30.67	110,017,726	334
Pacific	35,257,042	40,248,323	321	48.72	281,091,588	392,404,625	475	19,496,115	186	36.31	252,450,124	470
NEW ENGLAND:												
Maine	8,079,692	8,545,067	188	54.49	56,026,334	69,784,455	445	8,182,344	166	47.14	99,586,188	574
New Hampshire	5,589,711	5,944,006	310	58.69	35,033,153	44,461,042	439	5,591,272	248	48.60	60,724,590	528
Vermont	12,128,465	12,419,205	455	46.78	114,317,109	122,918,629	463	9,321,389	318	34.50	142,042,223	526
Massachusetts	15,187,774	15,455,327	576	89.89	86,304,347	90,438,336	526	12,885,744	458	69.82	105,571,873	572
Rhode Island	2,065,941	2,230,252	601	95.60	10,441,951	12,177,738	522	1,923,707	475	81.31	12,923,512	546
Connecticut	7,069,183	8,368,746	431	68.12	45,749,849	59,829,411	487	7,090,188	330	56.08	68,951,862	545
MIDDLE ATLANTIC:												
New York	77,807,161	81,623,748	462	54.07	597,363,198	783,479,286	519	55,474,155	283	36.94	772,799,352	515
New Jersey	10,150,600	10,871,027	456	70.40	67,698,219	80,606,196	522	8,436,869	310	53.60	77,714,055	494
Pennsylvania	42,808,802	44,852,066	241	48.04	336,208,572	411,735,240	441	35,860,110	179	38.00	487,033,818	516
EAST NORTH CENTRAL:												
Ohio	30,869,408	32,702,166	139	36.13	307,590,755	362,050,000	400	25,383,627	104	31.02	425,870,394	520
Indiana	16,666,374	17,582,150	94	27.75	194,736,962	216,688,122	342	15,739,594	81	27.41	263,457,239	459
Illinois	31,542,209	34,153,252	156	32.52	320,240,399	395,934,071	377	29,638,619	129	29.41	457,106,995	454
Michigan	26,727,538	28,167,288	159	36.72	283,387,201	352,858,180	460	16,903,087	96	29.98	309,617,046	549
Wisconsin	53,868,028	55,595,344	347	37.73	458,327,649	667,497,765	453	26,779,721	172	26.82	472,274,264	473
WEST NORTH CENTRAL:												
Minnesota	29,219,406	30,629,649	218	28.22	273,319,603	409,191,276	377	16,623,460	119	22.06	304,017,106	403
Iowa	31,196,883	33,580,125	173	23.87	318,954,506	489,563,616	348	27,516,870	131	19.33	535,872,240	376
Missouri	13,685,318	15,090,297	64	17.62	188,297,972	220,958,940	258	15,042,360	63	19.65	258,207,755	337
North Dakota	4,872,304	5,554,077	95	21.43	70,637,899	100,559,124	388	2,853,133	81	22.73	48,845,280	389
South Dakota	6,192,608	7,117,957	129	19.25	82,428,514	117,215,188	317	4,351,568	98	16.08	99,244,975	367
Nebraska	10,566,275	11,634,390	107	18.95	160,610,359	198,306,496	323	8,595,408	81	16.77	190,477,911	372
Kansas	13,091,739	14,470,225	98	19.67	172,742,767	217,887,672	296	11,782,902	79	17.42	244,909,123	362
SOUTH ATLANTIC:												
Delaware	1,089,497	1,229,069	164	34.42	7,859,857	10,962,356	307	1,092,807	142	33.53	12,681,268	389
Maryland	5,480,900	5,956,866	102	35.70	41,094,421	59,735,522	358	5,228,698	145	35.50	64,040,517	435
District of Columbia	117,335	120,571	1,150	140.69	555,342	611,041	713	186,096	1,101	148.76	850,349	680
Virginia	7,704,326	8,223,035	57	23.08	95,555,051	104,391,212	293	6,999,994	55	24.83	105,068,428	373
West Virginia	5,000,138	5,241,113	62	21.88	71,230,033	75,694,324	316	5,088,153	63	24.75	83,861,660	406
North Carolina	5,789,583	6,629,294	30	21.46	82,601,779	96,098,996	314	6,175,397	43	26.48	89,525,749	384
South Carolina	2,800,605	3,690,985	35	20.41	37,361,666	50,274,076	278	3,232,725	40	25.52	44,031,528	348
Georgia	6,621,585	8,304,884	42	20.47	74,908,776	100,210,370	247	5,954,575	41	21.57	82,438,532	299
Florida	974,486	1,444,710	56	12.45	7,676,459	12,532,428	108	1,468,603	70	18.63	9,640,434	122
EAST SOUTH CENTRAL:												
Kentucky	9,055,813	9,983,556	47	24.36	125,566,017	140,982,896	344	9,985,540	53	27.43	159,311,527	438
Tennessee	8,715,441	9,478,872	47	23.87	117,101,970	129,455,904	326	8,028,466	45	24.96	147,336,961	458
Alabama	6,396,198	7,089,767	39	19.64	78,728,345	97,884,000	250	6,610,967	43	23.67	95,882,103	343
Mississippi	6,033,465	7,217,062	40	16.80	79,079,293	96,227,488	224	6,064,513	44	20.26	97,030,385	324
WEST SOUTH CENTRAL:												
Arkansas	6,587,428	7,481,183	48	17.57	83,081,875	97,932,390	230	6,912,459	55	22.11	109,861,393	351
Louisiana	2,761,380	3,898,985	50	13.97	32,702,130	48,283,781	173	4,168,015	65	22.55	39,251,413	212
Oklahoma	7,365,295	8,843,061	62	16.66	103,577,644	134,291,388	253	[2] 3,986,420	51	14.42	[2] 73,933,708	267
Texas	15,679,924	18,168,497	58	17.92	197,039,954	240,286,479	237	15,510,978	60	18.01	251,342,698	292
MOUNTAIN:												
Montana	2,093,594	2,852,994	199	36.80	16,982,145	26,436,707	341	1,669,978	175	37.68	15,696,214	349
Idaho	1,962,500	2,467,288	119	28.59	20,861,072	30,981,341	359	1,243,197	96	23.94	15,122,948	291
Wyoming	539,423	726,899	109	22.23	6,453,634	9,744,302	298	421,613	109	23.07	5,121,974	280
Colorado	4,174,270	5,202,922	180	36.57	33,631,723	51,670,038	357	3,778,901	202	37.75	38,440,111	384
New Mexico	726,692	1,101,566	71	21.41	6,815,942	10,959,063	213	499,423	123	29.77	3,009,657	179
Arizona	909,411	1,157,943	333	40.12	6,881,608	11,227,318	389	540,700	220	30.10	3,056,109	170
Utah	2,067,534	2,315,237	131	30.54	20,486,317	26,306,070	347	1,522,032	92	23.11	25,124,642	381
Nevada	518,179	667,130	364	39.05	4,356,555	6,543,172	383	433,391	257	31.85	4,446,071	327
PACIFIC:												
Washington	8,746,041	9,961,603	262	53.49	70,083,033	92,185,335	495	3,816,691	147	35.59	50,182,415	468
Oregon	6,067,024	6,915,804	202	40.08	56,106,599	71,953,350	417	3,550,953	121	29.00	48,582,963	397
California	20,443,977	23,371,273	441	50.01	154,901,956	229,460,012	491	12,128,471	247	39.47	153,654,741	500

[1] See notes to Table 3.

[2] Includes Indian Territory.

DAIRY PRODUCTS—BUTTER MADE ON FARMS, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (−) denotes decrease. As to comparability of the statistics, see text discussion of Table 4.]

Table 15

DIVISION OR STATE.	1909							1899				INCREASE: 1899–1909	
	Farms reporting.		Quantity (pounds).		Value.			Farms reporting.		Quantity (pounds).		Quantity (pounds).	
	Number.	Per ct. of all farms.	Total.	Av. per farm.	Total.	Av. per farm.	Av. per pound.	Number.	Per ct. of all farms.	Total.	Av. per farm.	Amount.	Per cent.
United States	3,787,749	59.5	994,650,610	262.6	$222,861,440	$59	$0.22	3,617,366	63.0	1,071,626,056	296.2	−76,975,446	−7.2
GEOGRAPHIC DIVISIONS:													
New England	83,010	44.0	40,732,783	490.7	11,704,089	141	0.29	101,958	53.1	51,454,627	504.7	−10,721,844	−20.8
Middle Atlantic	234,948	50.2	88,242,228	375.6	22,996,544	98	0.26	325,262	67.0	154,829,824	476.0	−66,587,596	−43.0
East North Central	717,911	63.9	230,966,876	321.7	53,108,927	74	0.23	847,638	74.6	287,878,290	339.6	−56,911,414	−19.8
West North Central	711,499	64.1	201,172,278	282.7	44,748,964	63	0.22	751,473	70.8	251,226,460	334.3	−50,054,182	−19.9
South Atlantic	636,763	57.3	123,270,552	193.6	26,054,617	41	0.21	507,857	52.8	89,111,226	175.5	34,159,326	38.3
East South Central	697,028	66.9	136,239,873	195.5	25,739,427	37	0.19	549,713	60.9	97,541,277	177.4	38,698,596	39.7
West South Central	560,724	59.4	128,188,799	228.6	25,838,528	46	0.20	410,965	54.4	88,382,053	215.1	39,806,746	45.0
Mountain	66,794	36.4	18,115,811	271.2	4,992,172	75	0.28	46,207	45.6	14,869,383	321.8	3,246,428	21.8
Pacific	79,072	41.6	27,721,410	350.6	7,678,172	97	0.28	76,293	53.9	36,332,916	476.2	−8,611,506	−23.7
NEW ENGLAND:													
Maine	36,371	60.6	13,299,229	365.7	3,786,054	104	0.28	42,587	71.8	16,174,173	379.8	−2,874,944	−17.8
New Hampshire	11,673	43.1	5,065,188	433.9	1,509,706	129	0.30	14,324	48.8	6,385,611	445.8	−1,320,423	−20.7
Vermont	15,102	46.2	15,165,692	1,004.2	4,185,028	277	0.28	19,488	58.9	18,834,706	966.5	−3,669,014	−19.5
Massachusetts	9,035	24.5	3,364,516	372.4	1,041,482	115	0.31	11,560	30.7	4,980,262	430.8	−1,615,746	−32.4
Rhode Island	1,633	30.9	339,607	208.0	104,161	64	0.31	1,811	32.9	488,086	269.5	−148,479	−30.4
Connecticut	9,196	34.3	3,498,551	380.4	1,077,658	117	0.31	12,188	45.2	4,591,789	376.7	−1,093,238	−23.8
MIDDLE ATLANTIC:													
New York	85,516	39.7	23,461,702	274.4	6,268,386	73	0.27	148,294	65.4	74,714,376	503.8	−51,252,674	−68.6
New Jersey	12,328	36.8	3,622,411	293.8	1,059,935	86	0.29	17,111	49.4	5,894,363	344.5	−2,271,952	−38.5
Pennsylvania	137,104	62.5	61,158,115	446.1	15,668,223	114	0.26	159,857	71.3	74,221,085	464.3	−13,062,970	−17.6
EAST NORTH CENTRAL:													
Ohio	188,481	69.3	63,569,132	337.3	14,305,607	76	0.23	220,238	79.6	79,551,299	361.2	−15,982,167	−20.1
Indiana	158,508	73.6	43,181,817	272.4	9,402,994	59	0.22	178,589	80.5	51,042,396	285.8	−7,860,579	−15.4
Illinois	168,485	66.9	46,609,992	276.6	10,493,217	62	0.23	186,084	70.4	52,493,450	282.1	−5,883,458	−11.2
Michigan	131,519	63.5	50,405,426	383.3	11,805,872	90	0.23	156,955	77.2	60,051,998	382.6	−9,646,572	−16.1
Wisconsin	70,918	40.0	27,200,509	383.5	7,101,237	100	0.26	105,772	62.3	44,739,147	423.0	−17,538,638	−39.2
WEST NORTH CENTRAL:													
Minnesota	85,001	54.4	34,708,669	408.3	8,593,233	101	0.25	102,896	66.5	41,188,846	400.3	−6,480,177	−15.7
Iowa	124,881	57.5	38,679,568	309.7	9,061,041	73	0.23	153,066	66.9	61,789,288	403.7	−23,109,720	−37.4
Missouri	207,828	75.0	42,105,143	202.6	8,744,025	42	0.21	214,243	75.2	45,509,110	212.4	−3,403,967	−7.5
North Dakota	46,838	63.0	16,414,439	350.5	3,508,579	75	0.21	28,117	62.0	9,178,815	326.5	7,235,624	78.8
South Dakota	39,705	51.1	13,629,647	343.3	3,024,509	76	0.22	35,496	67.5	17,400,970	490.2	−3,771,323	−21.7
Nebraska	87,400	67.4	25,986,931	297.3	5,385,494	62	0.21	91,632	75.4	34,518,659	376.7	−8,531,728	−24.7
Kansas	119,846	67.4	29,647,881	247.4	6,432,083	54	0.22	126,023	72.8	41,640,772	330.4	−11,992,891	−28.8
SOUTH ATLANTIC:													
Delaware	5,488	50.6	1,563,161	284.8	400,428	73	0.26	5,909	61.0	1,629,949	275.8	−66,788	−4.1
Maryland	28,871	59.0	8,739,620	302.7	2,010,106	70	0.23	28,449	61.8	9,096,662	319.8	−357,042	−3.9
District of Columbia	28	12.9	6,155	219.8	1,754	63	0.28	18	6.7	3,478	193.2	2,677	77.0
Virginia	134,222	72.9	26,651,244	198.6	5,683,060	42	0.21	110,333	65.7	19,905,830	180.4	6,745,414	33.9
West Virginia	81,070	83.8	18,969,699	234.0	4,054,498	50	0.21	73,178	78.8	16,913,129	231.1	2,056,570	12.2
North Carolina	145,899	57.5	26,059,585	178.6	5,213,783	36	0.20	117,533	52.3	16,913,802	143.9	9,145,783	54.1
South Carolina	73,029	41.4	12,329,567	168.8	2,562,561	35	0.21	55,126	35.5	8,150,437	147.9	4,179,130	51.3
Georgia	153,313	52.7	27,246,247	177.7	5,636,255	37	0.21	104,626	46.6	15,111,494	144.4	12,134,753	80.3
Florida	14,843	29.7	1,705,274	114.9	492,172	33	0.29	12,685	31.1	1,386,445	109.3	318,829	23.0
EAST SOUTH CENTRAL:													
Kentucky	194,299	75.0	38,130,687	196.2	7,117,905	37	0.19	167,825	71.5	30,446,381	181.4	7,684,306	25.2
Tennessee	188,629	76.7	39,827,906	211.1	7,392,901	39	0.19	152,027	67.7	29,091,696	191.4	10,736,210	36.9
Alabama	164,405	62.5	29,550,595	179.7	5,657,610	34	0.19	120,562	54.0	19,121,964	158.6	10,428,631	54.5
Mississippi	149,695	54.6	28,730,685	191.9	5,571,011	37	0.19	109,299	49.5	18,881,236	172.7	9,849,449	52.2
WEST SOUTH CENTRAL:													
Arkansas	139,635	65.0	29,907,337	214.2	5,883,584	42	0.20	107,924	60.4	21,585,258	200.0	8,322,079	38.6
Louisiana	37,573	31.2	6,232,006	165.9	1,430,059	38	0.23	25,884	22.3	4,918,229	190.0	1,313,777	26.7
Oklahoma	116,792	61.4	27,056,242	231.7	5,613,253	48	0.21	[1] 62,988	58.3	[1] 13,887,074	220.5	13,169,168	94.8
Texas	266,724	63.8	64,993,214	243.7	12,911,632	48	0.20	214,169	60.8	47,991,492	224.1	17,001,722	35.4
MOUNTAIN:													
Montana	8,438	32.2	2,820,574	334.3	811,792	96	0.29	6,338	47.4	2,454,072	387.2	366,502	14.9
Idaho	13,622	44.2	3,542,135	260.0	982,397	72	0.28	9,497	54.4	2,520,316	265.4	1,021,819	40.5
Wyoming	4,065	37.0	1,192,122	293.3	331,021	81	0.28	2,819	46.3	888,554	315.2	303,568	34.2
Colorado	19,381	42.0	5,856,132	302.2	1,565,224	81	0.27	12,718	51.5	4,932,482	387.8	923,650	18.7
New Mexico	8,127	22.8	1,477,617	181.8	402,263	49	0.27	1,249	10.1	313,003	250.6	1,164,614	372.1
Arizona	1,566	17.0	325,980	208.2	105,347	67	0.32	1,234	21.2	379,311	307.4	−53,331	−14.1
Utah	10,606	48.9	2,497,366	235.5	672,479	63	0.27	11,272	58.1	2,812,122	249.5	−314,756	−11.2
Nevada	989	36.8	403,885	408.4	121,649	123	0.30	1,080	49.5	569,523	527.3	−165,638	−29.1
PACIFIC:													
Washington	24,674	43.9	6,751,575	273.6	1,992,249	81	0.30	19,114	57.6	7,372,106	385.7	−620,531	−8.4
Oregon	23,053	50.7	5,667,964	245.9	1,599,931	69	0.28	25,091	70.0	8,107,450	323.1	−2,439,486	−30.1
California	31,345	35.5	15,301,871	488.2	4,085,992	130	0.27	32,088	44.2	20,853,360	649.9	−5,551,489	−26.6

[1] Includes Indian Territory.

DAIRY PRODUCTS—CHEESE MADE ON FARMS, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (−) denotes decrease.]

Table 16

DIVISION OR STATE.	1909							1899				INCREASE: 1899–1909	
	Farms reporting.		Quantity (pounds).		Value.			Farms reporting.		Quantity (pounds).		Quantity (pounds).	
	Number.	Per ct. of all farms.	Total.	Av. per farm.	Total.	Av. per farm.	Av. per pound.	Number.	Per ct. of all farms.	Total.	Av. per farm.	Amount.	Per cent.
United States	**12,054**	**0.2**	**9,405,864**	**780.3**	**$1,148,708**	**$95**	**$0.12**	**15,669**	**0.3**	**16,372,318**	**1,044.9**	**−6,966,454**	**−42.6**
GEOGRAPHIC DIVISIONS:													
New England	817	0.4	673,805	824.8	89,189	109	0.13	1,697	0.9	1,003,103	591.1	−329,298	−32.8
Middle Atlantic	2,283	0.5	1,910,549	836.9	194,472	85	0.10	2,197	0.5	3,506,096	1,595.9	−1,595,547	−45.5
East North Central	2,058	0.2	1,891,208	919.0	215,395	105	0.11	3,372	0.3	3,636,013	1,078.3	−1,744,805	−48.0
West North Central	2,011	0.2	473,196	235.3	59,999	30	0.13	3,922	0.4	1,684,109	429.4	−1,210,913	−71.9
South Atlantic	1,343	0.1	480,805	358.0	51,024	38	0.11	852	0.1	480,448	563.9	357	0.1
East South Central	340	(1)	93,971	276.4	9,703	29	0.10	533	0.1	137,327	257.6	−43,356	−31.6
West South Central	1,307	0.1	424,482	310.5	44,597	33	0.11	838	0.1	336,113	401.1	88,369	26.3
Mountain	1,114	0.6	457,740	410.9	70,897	64	0.15	1,169	1.2	720,596	616.4	−262,856	−36.5
Pacific	721	0.4	3,000,048	4,161.0	413,432	573	0.14	1,089	0.8	4,868,513	4,470.6	−1,868,465	−38.4
NEW ENGLAND:													
Maine	278	0.5	118,216	425.2	18,872	68	0.16	807	1.5	425,102	490.3	−306,886	−72.2
New Hampshire	206	0.8	180,996	878.6	24,456	119	0.14	341	1.2	104,339	306.0	76,657	73.5
Vermont	88	0.3	245,884	2,794.1	32,583	370	0.13	254	0.8	406,659	1,601.0	−160,775	−39.5
Massachusetts	80	0.2	45,753	571.9	5,311	66	0.12	84	0.2	19,629	233.7	26,124	133.1
Rhode Island	22	0.4	3,860	175.5	615	28	0.16	28	0.5	6,751	241.1	−2,891	−42.8
Connecticut	143	0.5	79,156	553.5	7,352	51	0.09	123	0.5	40,623	330.3	38,533	94.9
MIDDLE ATLANTIC:													
New York	522	0.2	390,049	747.2	33,195	64	0.09	1,025	0.5	2,624,552	2,560.5	−2,234,503	−85.1
New Jersey	228	0.7	77,824	341.3	9,277	41	0.12	53	0.2	24,377	459.9	53,447	219.3
Pennsylvania	1,533	0.7	1,442,676	941.1	152,000	99	0.11	1,119	0.5	857,167	766.0	585,509	68.3
EAST NORTH CENTRAL:													
Ohio	729	0.3	613,233	841.2	57,182	78	0.09	1,016	0.4	1,167,001	1,148.6	−553,768	−47.5
Indiana	291	0.1	63,619	218.6	7,800	27	0.12	565	0.3	178,733	316.3	−115,114	−64.4
Illinois	379	0.2	81,918	216.1	8,396	22	0.10	600	0.2	323,485	539.1	−241,567	−74.7
Michigan	246	0.1	291,176	1,183.6	36,228	147	0.12	253	0.1	331,176	1,309.0	−40,000	−12.1
Wisconsin	413	0.2	841,262	2,037.0	105,789	256	0.13	938	0.6	1,635,618	1,743.7	−794,356	−48.6
WEST NORTH CENTRAL:													
Minnesota	354	0.2	106,075	299.6	14,375	41	0.14	973	0.6	290,623	298.7	−184,548	−63.5
Iowa	341	0.2	78,538	230.3	10,089	31	0.14	597	0.3	306,428	513.3	−227,890	−74.4
Missouri	678	0.2	159,785	235.7	17,495	26	0.11	705	0.2	323,439	458.8	−163,654	−50.6
North Dakota	277	0.4	22,754	82.1	2,976	11	0.13	277	0.6	70,881	255.9	−48,127	−67.9
South Dakota	64	0.1	14,344	224.1	2,011	31	0.14	228	0.4	136,803	600.3	−122,519	−89.5
Nebraska	123	0.1	63,773	518.5	8,477	69	0.13	474	0.4	264,430	557.9	−200,657	−75.9
Kansas	174	0.1	27,927	160.5	3,976	23	0.14	668	0.4	291,445	436.3	−263,518	−90.4
SOUTH ATLANTIC:													
Delaware	4	(1)	700	175.0	114	28	0.16	1	(1)	104	104.0	596	573.1
Maryland	202	0.4	259,386	1,284.1	26,277	130	0.10	251	0.5	338,453	1,348.4	−79,067	−23.4
District of Columbia													
Virginia	609	0.3	97,263	159.7	9,191	15	0.09	215	0.1	31,697	147.4	65,566	206.9
West Virginia	222	0.2	70,473	317.4	9,063	41	0.13	152	0.2	74,243	488.4	−3,770	−5.1
North Carolina	278	0.1	39,353	141.6	3,729	13	0.09	192	0.1	28,883	150.4	10,470	36.2
South Carolina	16	(1)	12,909	806.8	2,542	159	0.20	3	(1)	1,081	360.3	11,828	1,094.2
Georgia	9	(1)	399	44.3	72	8	0.18	22	(1)	2,236	101.6	−1,837	−82.2
Florida	3	(1)	322	107.3	36	12	0.11	16	(1)	3,751	234.4	−3,429	−91.4
EAST SOUTH CENTRAL:													
Kentucky	122	(1)	56,148	460.2	4,843	40	0.09	110	(1)	45,759	416.0	10,389	22.7
Tennessee	140	0.1	18,592	132.8	2,168	15	0.12	130	0.1	26,622	204.8	−8,030	−30.2
Alabama	35	(1)	5,528	157.9	759	22	0.14	151	0.1	36,374	240.9	−30,846	−84.8
Mississippi	43	(1)	13,703	318.7	1,933	45	0.14	142	0.1	28,572	201.2	−14,869	−52.0
WEST SOUTH CENTRAL:													
Arkansas	120	0.1	20,435	170.3	3,027	25	0.15	85	(1)	18,385	216.3	2,050	11.2
Louisiana	68	0.1	190,089	2,795.4	18,065	266	0.10	52	(1)	135,104	2,598.2	54,985	40.7
Oklahoma	84	(1)	18,968	225.8	3,154	38	0.17	[2]127	0.1	[2]46,491	366.1	−27,523	−59.2
Texas	1,095	0.3	194,990	178.1	20,351	19	0.10	574	0.2	136,133	237.2	58,857	43.2
MOUNTAIN:													
Montana	52	0.2	49,988	961.3	8,195	158	0.16	68	0.5	30,924	454.8	19,064	61.6
Idaho	175	0.6	90,675	518.1	13,525	77	0.15	232	1.3	196,952	848.9	−106,277	−54.0
Wyoming	29	0.3	10,276	354.3	1,591	55	0.15	53	0.9	24,327	459.0	−14,051	−57.8
Colorado	122	0.3	69,895	572.9	10,045	82	0.14	174	0.7	103,184	593.0	−33,289	−32.3
New Mexico	503	1.4	81,869	162.8	13,515	27	0.17	325	2.6	68,571	211.0	13,298	19.4
Arizona	97	1.1	60,690	625.7	9,115	94	0.15	38	0.7	33,305	876.4	27,385	82.2
Utah	104	0.5	84,102	808.7	13,125	126	0.16	256	1.3	169,251	661.1	−85,149	−50.3
Nevada	32	1.2	10,245	320.2	1,786	56	0.17	23	1.1	94,082	4,090.5	−83,837	−89.1
PACIFIC:													
Washington	88	0.2	52,970	601.9	6,787	77	0.13	208	0.6	151,669	729.2	−98,699	−65.1
Oregon	153	0.3	169,205	1,105.9	23,151	151	0.14	461	1.3	467,256	1,013.6	−298,051	−63.8
California	480	0.5	2,777,873	5,787.2	383,494	799	0.14	420	0.6	4,249,588	10,118.1	−1,471,715	−34.6

[1] Less than one-tenth of 1 per cent.

[2] Includes Indian Territory.

DAIRY PRODUCTS—FACTORY AND TOTAL PRODUCTION OF BUTTER AND CHEESE, BY DIVISIONS AND STATES: 1909 AND 1899.

Table 17

DIVISION OR STATE.	BUTTER AND CHEESE MADE IN FACTORIES.				BUTTER AND CHEESE MADE ON FARMS AND IN FACTORIES.			
	Butter (pounds).		Cheese (pounds).		Butter (pounds).		Cheese (pounds).	
	1909	1899	1909	1899	1909	1899	1909	1899
United States[1]	624,764,653	420,126,546	311,126,317	281,972,324	1,619,415,263	1,491,752,602	320,532,181	298,344,642
GEOGRAPHIC DIVISIONS:								
New England	(2)	40,577,569	3,002,744	5,955,597	(2)	92,032,196	3,676,609	6,958,700
Middle Atlantic	77,150,290	79,156,526	116,428,935	137,753,475	165,392,518	233,986,350	118,339,484	141,259,571
East North Central	193,171,121	115,330,640	178,532,241	116,643,076	424,137,997	403,208,930	180,423,449	120,279,059
West North Central	243,551,926	156,406,307	(2)	11,982,895	444,724,204	407,632,767	(2)	13,667,004
South Atlantic	(2)	3,772,086	(2)	112,860	(2)	92,883,312	(2)	593,308
East South Central	(2)	(2)	.....	(2)	(2)	(2)	93,971	(2)
West South Central	(2)	474,489	(2)	137,268	(2)	88,856,542	(2)	473,381
Mountain	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Pacific	57,058,701	18,320,915	6,208,883	5,354,234	84,780,111	54,653,831	9,208,931	10,222,747
NEW ENGLAND:								
Maine	2,105,622	4,461,399	55,591	553,946	15,404,851	20,635,572	173,807	979,048
New Hampshire	1,740,235	5,034,270	184,497	116,741	6,805,423	11,419,881	365,493	221,060
Vermont	20,227,495	22,453,381	2,762,656	4,713,105	35,393,187	41,288,087	3,008,540	5,119,764
Massachusetts	1,888,307	4,591,919	.....	250,542	5,252,823	9,572,181	45,753	270,171
Rhode Island	(2)	148,195	.....	.....	(2)	636,281	3,860	6,751
Connecticut	1,950,935	3,888,405	.....	321,263	5,449,486	8,480,194	79,156	361,886
MIDDLE ATLANTIC:								
New York	45,897,216	40,693,846	105,194,898	127,386,032	69,358,918	115,408,222	105,584,947	130,010,584
New Jersey	768,857	1,325,519	.....	100,000	4,391,268	7,219,882	77,824	124,377
Pennsylvania	30,484,217	37,137,161	11,234,037	10,267,443	91,642,332	111,358,246	12,676,713	11,124,610
EAST NORTH CENTRAL:								
Ohio	17,491,251	8,087,631	11,860,601	18,156,527	81,060,383	87,638,930	12,473,834	19,323,528
Indiana	11,712,450	3,553,483	424,597	1,260,108	54,894,267	54,595,879	488,216	1,438,901
Illinois	24,570,976	34,055,312	4,799,235	9,055,119	71,180,968	86,548,762	4,881,153	9,378,604
Michigan	35,511,760	7,820,712	13,382,160	10,422,582	85,917,186	67,872,710	13,673,336	10,753,758
Wisconsin	103,884,684	61,813,502	148,065,648	77,748,630	131,085,193	106,552,649	148,906,910	79,384,298
WEST NORTH CENTRAL:								
Minnesota	88,842,846	41,174,469	2,735,883	3,285,019	123,551,515	82,363,315	2,841,958	3,575,642
Iowa	88,582,187	77,233,264	999,559	4,242,637	127,261,755	139,022,552	1,078,097	4,549,065
Missouri	10,261,876	1,440,616	219,112	1,072,751	52,367,019	46,949,726	378,897	1,396,190
North Dakota	3,683,679	463,188	(2)	225,399	20,098,118	9,642,003	(2)	296,280
South Dakota	9,495,608	6,172,107	.....	420,779	23,125,255	23,573,077	14,344	557,642
Nebraska	23,973,162	11,726,180	77,122	313,600	49,960,093	46,244,839	140,895	578,030
Kansas	18,712,568	18,196,483	(2)	2,422,710	48,360,449	59,837,255	(2)	2,714,155
SOUTH ATLANTIC:								
Delaware	627,300	969,889	(2)	15,000	2,190,461	2,599,838	(2)	15,104
Maryland	1,118,530	2,541,716	.....	.....	9,858,150	11,638,378	259,386	338,453
District of Columbia	.....	.....	.....	.....	6,155	3,478	.....	.....
Virginia	158,853	170,521	(2)	57,000	26,810,097	20,070,351	(2)	88,697
West Virginia	(2)	41,000	(2)	40,860	(2)	16,954,129	(2)	115,103
North Carolina	.....	.....	.....	.....	26,059,585	16,913,802	39,353	28,883
South Carolina	.....	.....	.....	.....	12,329,567	8,150,437	12,909	1,081
Georgia	78,058	48,960	.....	.....	27,324,305	15,160,454	399	2,236
Florida	.....	.....	.....	.....	1,705,274	1,386,445	322	3,751
EAST SOUTH CENTRAL:								
Kentucky	549,929	184,663	.....	28,000	38,680,616	30,631,044	56,148	73,759
Tennessee	.....	207,823	.....	6,201	39,827,906	29,299,519	18,592	32,823
Alabama	(2)	17,357	.....	10,000	(2)	19,139,321	5,528	46,374
Mississippi	.....	(2)	.....	(2)	28,730,685	(2)	13,703	(2)
WEST SOUTH CENTRAL:								
Arkansas	360,834	168,575	.....	12,600	30,268,171	21,753,833	20,435	30,985
Louisiana	(2)	.....	(2)	.....	(2)	4,918,229	(2)	135,104
Oklahoma	4,110,978	[3] 53,200	.....	[3] 66,378	31,167,220	[3] 13,940,274	18,908	[3] 112,869
Texas	2,133,590	252,714	(2)	58,290	67,126,804	48,244,206	(2)	194,423
MOUNTAIN:								
Montana	1,307,777	34,238	.....	.....	4,128,351	2,488,310	49,988	30,924
Idaho	2,357,386	432,570	(2)	194,380	5,899,521	2,952,886	(2)	391,332
Wyoming	783,585	(2)	(2)	(2)	1,975,707	(2)	(2)	(2)
Colorado	6,351,691	1,566,639	550,622	1,465,257	12,207,823	6,499,121	620,517	1,568,441
New Mexico	(2)	.....	.....	.....	(2)	313,003	81,809	68,571
Arizona	1,053,869	424,083	421,043	373,752	1,379,849	803,394	481,733	407,057
Utah	3,722,784	2,519,214	1,060,122	1,874,179	6,220,150	5,331,336	1,144,224	2,043,430
Nevada	1,039,784	623,402	.....	80,150	1,443,669	1,192,925	10,245	174,232
PACIFIC:								
Washington	11,302,591	3,198,421	422,290	1,482,127	18,054,166	10,570,527	475,260	1,633,796
Oregon	8,472,660	1,975,357	4,218,953	1,195,564	14,140,624	10,082,807	4,388,158	1,662,820
California	37,283,450	13,147,137	1,567,640	2,676,543	52,585,321	34,000,497	4,345,513	6,926,131

[1] See footnote 2, Table 1, page 474.

[2] Can not be shown separately, as to do so would disclose individual operations.

[3] Includes Indian Territory.

RECEIPTS FROM SALES OF DAIRY PRODUCTS, QUANTITY SOLD, AND AMOUNT

Table 18

	DIVISION OR STATE.	RECEIPTS FROM SALES OF DAIRY PRODUCTS.		MILK SOLD.				CREAM SOLD.			
				Gallons.		Amount received.		Gallons.		Amount received.	
		1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
1	**United States**	**$473,769,412**	**$281,569,312**	**1,937,255,864**	**2,134,830,207**	**$252,436,757**	**$184,817,119**	**54,933,583**	**20,768,662**	**$37,655,047**	**$8,838,776**
	GEOGRAPHIC DIVISIONS:										
2	New England	47,538,217	37,524,069	175,209,759	214,279,534	31,344,948	25,653,577	4,469,060	9,259,207	3,168,909	3,578,618
3	Middle Atlantic	122,989,049	80,895,229	750,556,634	667,199,558	93,044,462	59,841,831	2,446,696	1,183,298	1,713,979	593,701
4	East North Central	138,401,771	73,526,017	661,302,433	615,740,302	73,063,198	46,994,979	15,272,040	3,200,925	10,157,366	1,437,649
5	West North Central	84,390,336	49,062,177	144,537,918	439,066,021	18,214,700	28,444,573	22,599,643	6,078,898	14,530,377	2,615,198
6	South Atlantic	17,137,738	10,127,668	45,378,866	44,521,955	8,603,975	5,734,657	1,027,441	269,012	743,112	153,028
7	East South Central	9,301,281	5,455,825	22,593,214	19,610,329	4,126,971	2,638,210	368,959	153,561	265,754	77,773
8	West South Central	11,922,158	5,625,225	21,070,626	19,870,589	4,700,646	3,059,240	1,064,000	67,216	795,188	46,397
9	Mountain	10,141,383	5,721,924	31,108,665	32,795,581	5,346,099	4,014,668	1,549,881	185,136	1,230,340	128,039
10	Pacific	31,947,479	13,631,178	85,497,749	81,746,338	13,301,758	8,435,384	6,135,863	371,409	5,050,022	208,373
	NEW ENGLAND:										
11	Maine	6,722,779	5,621,105	12,784,866	15,979,003	2,518,384	2,278,122	737,706	2,810,733	499,365	1,028,752
12	New Hampshire	5,130,057	4,498,574	21,132,208	28,988,300	3,613,676	3,235,732	380,944	552,916	273,714	233,913
13	Vermont	11,501,577	8,010,429	33,998,934	57,566,012	4,108,228	4,262,877	2,353,686	1,591,237	1,537,698	595,692
14	Massachusetts	14,840,927	11,468,784	64,496,692	68,180,759	13,297,634	9,711,380	501,876	2,315,745	475,824	870,833
15	Rhode Island	2,017,444	1,716,411	8,796,847	9,685,988	1,903,546	1,563,279	42,421	95,321	55,997	71,142
16	Connecticut	7,325,433	6,208,766	34,000,152	33,879,466	5,903,480	4,602,187	452,427	1,893,255	326,311	778,286
	MIDDLE ATLANTIC:										
17	New York	74,939,815	46,670,916	524,279,723	445,427,888	60,593,426	36,248,833	1,207,174	609,866	904,502	312,414
18	New Jersey	9,685,352	7,170,889	56,856,550	50,726,011	8,937,246	6,318,568	79,485	35,987	76,399	31,508
19	Pennsylvania	38,363,882	27,053,424	169,420,361	171,045,659	24,113,790	17,274,430	1,160,037	537,445	733,078	249,779
	EAST NORTH CENTRAL:										
20	Ohio	25,574,635	15,484,849	99,430,948	84,543,703	13,025,828	8,303,626	2,191,997	429,143	1,498,138	213,716
21	Indiana	12,768,710	8,027,370	32,562,414	36,562,105	4,717,136	3,852,920	1,347,660	341,510	920,369	153,921
22	Illinois	26,720,849	19,067,797	158,031,333	186,549,335	18,314,172	14,477,813	2,104,352	560,532	1,515,676	258,581
23	Michigan	22,099,178	9,897,616	74,025,769	55,635,108	8,365,401	4,643,577	2,485,061	231,139	1,675,024	124,802
24	Wisconsin	51,238,399	21,048,385	297,251,969	252,450,051	28,640,661	15,717,043	7,142,970	1,638,601	4,548,159	686,629
	WEST NORTH CENTRAL:										
25	Minnesota	25,214,222	11,114,691	53,181,785	103,768,172	6,146,512	7,039,631	5,756,165	1,205,845	3,542,993	551,992
26	Iowa	26,429,743	18,819,002	55,241,511	214,338,442	6,032,685	12,275,844	8,062,449	3,323,073	5,071,600	1,349,928
27	Missouri	8,187,856	5,256,240	15,733,185	25,954,163	2,756,163	2,985,872	1,399,989	248,542	938,157	129,159
28	North Dakota	2,876,298	863,243	1,644,150	3,177,971	293,956	298,741	834,103	23,095	528,977	14,296
29	South Dakota	4,501,430	2,613,940	2,385,781	20,395,625	350,303	1,150,852	2,232,961	57,910	1,436,094	22,812
30	Nebraska	7,631,658	4,458,399	6,500,380	23,492,560	1,001,081	1,664,741	1,952,908	885,056	1,399,408	379,188
31	Kansas	9,549,129	5,936,662	9,851,126	47,939,088	1,634,000	3,028,892	2,361,068	335,377	1,613,148	167,813
	SOUTH ATLANTIC:										
32	Delaware	966,173	764,852	4,425,909	4,988,462	665,963	530,237	25,809	14,717	18,666	10,883
33	Maryland	4,784,232	3,518,844	19,424,325	20,654,446	3,004,878	2,364,319	455,496	135,169	295,963	70,041
34	District of Columbia	116,116	150,287	339,345	661,335	115,581	149,961	.....	100	.....	125
35	Virginia	3,772,617	1,848,521	8,577,893	6,889,183	1,766,468	944,496	302,217	59,838	220,274	32,323
36	West Virginia	2,532,324	1,399,807	4,050,741	3,391,523	804,958	531,127	104,696	38,855	69,116	21,559
37	North Carolina	1,787,245	727,524	2,380,029	1,826,631	548,526	242,968	21,329	4,525	21,399	4,162
38	South Carolina	626,305	342,383	919,745	1,186,045	218,857	141,737	11,282	4,796	13,721	4,657
39	Georgia	1,974,011	1,028,634	3,872,098	3,920,412	887,040	567,142	97,564	9,585	94,031	7,781
40	Florida	578,715	346,816	1,388,781	1,003,918	471,704	262,070	9,048	1,427	9,942	1,497
	EAST SOUTH CENTRAL:										
41	Kentucky	3,729,237	2,294,500	10,415,482	8,932,259	1,783,275	1,291,041	159,016	95,671	108,334	45,766
42	Tennessee	3,211,978	1,510,183	6,814,209	5,549,194	1,210,092	676,996	145,976	22,566	101,266	12,341
43	Alabama	1,358,504	920,854	3,397,426	3,087,433	703,788	380,605	28,385	27,133	28,115	14,802
44	Mississippi	1,001,562	730,288	1,966,097	2,041,443	429,816	279,968	35,582	8,191	28,039	4,864
	WEST SOUTH CENTRAL:										
45	Arkansas	1,505,882	1,046,331	3,952,322	4,238,852	638,755	443,756	53,302	6,008	43,642	4,941
46	Louisiana	1,588,338	1,108,056	4,501,119	4,356,979	1,277,122	986,824	32,433	3,853	34,306	2,688
47	Oklahoma	3,366,515	[1] 822,722	3,626,217	[1] 3,183,553	715,455	[1] 352,222	526,193	[1] 10,949	362,612	[1] 5,787
48	Texas	5,461,423	2,648,116	8,990,968	8,091,205	2,069,314	1,276,438	452,072	46,406	354,628	32,981
	MOUNTAIN:										
49	Montana	1,646,693	942,175	3,584,689	3,162,568	832,391	611,496	274,979	32,863	248,397	35,335
50	Idaho	1,379,390	548,725	2,060,111	2,789,638	365,375	336,360	319,542	5,665	265,025	4,665
51	Wyoming	338,925	177,685	1,377,607	698,490	155,882	97,883	46,680	1,437	33,181	742
52	Colorado	3,407,723	2,423,043	10,037,067	13,170,810	1,988,153	1,747,424	440,257	132,297	299,626	76,531
53	New Mexico	434,199	184,903	1,036,922	633,638	295,634	147,730	9,679	3,246	11,998	3,037
54	Arizona	842,210	300,268	3,347,723	1,022,472	573,095	240,263	37,744	5,643	37,280	3,868
55	Utah	1,648,655	875,746	8,471,713	9,964,903	916,015	645,550	270,225	3,312	223,840	3,013
56	Nevada	443,588	269,379	1,192,833	1,353,062	219,554	187,962	150,775	673	110,993	842
	PACIFIC:										
57	Washington	7,693,479	2,452,525	25,524,209	14,897,273	3,889,006	1,476,720	1,911,261	145,555	1,486,924	78,441
58	Oregon	5,170,703	2,006,399	14,640,108	10,308,119	2,156,576	1,111,073	827,541	154,549	701,177	73,439
59	California	19,083,297	9,172,254	45,333,432	56,540,946	7,346,176	5,847,591	3,397,061	71,305	2,861,921	56,493

[1] Includes Indian Territory.

RECEIVED FOR THE DIFFERENT CLASSES, BY DIVISIONS AND STATES: 1909 AND 1899.

	DIVISION OR STATE.	BUTTER FAT SOLD.		BUTTER SOLD.				CHEESE SOLD.			
		Pounds.	Amount received.	Pounds.		Amount received.		Pounds.		Amount received.	
		1909	1909	1909	1899	1909	1899	1909	1899	1909	1899
1	**United States**	**305,662,587**	**$82,311,511**	**415,080,489**	**518,042,767**	**$100,378,123**	**$86,570,973**	**8,136,901**	**14,692,542**	**$987,974**	**$1,342,444**
	GEOGRAPHIC DIVISIONS:										
2	New England	14,599,430	4,413,631	29,528,001	38,854,031	8,533,864	8,193,207	591,008	870,036	76,865	98,667
3	Middle Atlantic	44,023,628	12,223,106	57,828,247	106,919,914	15,229,862	20,153,645	1,752,682	3,358,354	177,640	306,052
4	East North Central	85,099,734	23,128,671	135,159,149	162,381,475	31,855,809	24,820,189	1,718,462	3,317,844	196,727	273,200
5	West North Central	123,176,904	31,270,493	88,186,732	122,614,081	20,333,127	17,875,635	334,300	1,331,797	41,639	126,771
6	South Atlantic	505,904	125,727	33,888,871	24,432,566	7,622,916	4,214,943	385,920	436,703	42,008	25,040
7	East South Central	217,860	59,062	22,688,468	16,500,683	4,842,959	2,731,995	64,748	77,591	6,535	7,847
8	West South Central	4,465,810	1,015,068	24,321,179	15,745,423	5,381,690	2,499,218	270,967	231,316	29,566	20,370
9	Mountain	4,799,182	1,352,095	7,635,775	7,092,465	2,166,918	1,518,094	307,141	554,371	45,931	61,123
10	Pacific	28,774,135	8,723,658	15,844,067	23,502,129	4,410,978	4,564,047	2,711,673	4,514,530	371,063	423,374
	NEW ENGLAND:										
11	Maine	4,060,344	1,257,017	8,389,817	11,030,091	2,433,332	2,272,437	94,244	365,936	14,681	41,794
12	New Hampshire	566,229	168,159	3,510,593	4,548,617	1,052,226	1,019,192	168,705	77,057	22,282	9,737
13	Vermont	7,756,395	2,264,928	12,892,124	15,822,671	3,559,314	3,111,783	238,319	374,240	31,409	40,077
14	Massachusetts	1,148,019	367,523	2,220,311	3,684,696	696,336	884,575	32,490	15,138	3,610	1,996
15	Rhode Island	5,347	1,622	177,322	314,737	55,955	81,343	2,175	4,779	324	647
16	Connecticut	1,063,096	354,382	2,337,834	3,453,219	736,701	823,877	55,075	32,886	4,559	4,416
	MIDDLE ATLANTIC:										
17	New York	36,249,617	10,007,652	12,630,113	51,861,592	3,407,122	9,868,446	334,301	2,524,917	27,113	241,223
18	New Jersey	249,557	73,743	2,003,029	3,748,489	593,826	818,624	42,462	20,909	4,138	2,189
19	Pennsylvania	7,524,454	2,141,711	43,195,105	51,309,833	11,228,914	9,466,575	1,375,919	812,528	146,389	62,640
	EAST NORTH CENTRAL:										
20	Ohio	7,563,527	1,982,653	39,252,326	47,118,140	9,021,150	6,896,334	518,650	1,047,202	46,866	71,173
21	Indiana	6,361,831	1,618,075	24,715,894	27,600,771	5,508,198	4,008,848	39,858	132,623	4,932	11,681
22	Illinois	4,637,745	1,210,748	24,442,251	26,395,166	5,674,830	4,306,553	54,502	263,237	5,423	24,850
23	Michigan	18,287,691	4,845,013	30,010,783	34,335,641	7,178,433	5,099,679	284,026	316,207	35,307	29,558
24	Wisconsin	48,248,940	13,472,182	16,737,895	26,931,757	4,473,198	4,508,775	821,426	1,558,575	104,199	135,938
	WEST NORTH CENTRAL:										
25	Minnesota	40,414,151	10,922,293	18,016,409	22,376,084	4,591,554	3,500,323	79,045	227,878	10,870	22,745
26	Iowa	42,917,696	11,020,868	17,917,387	33,266,912	4,296,424	5,167,031	61,160	258,003	8,166	26,189
27	Missouri	4,927,383	1,229,478	14,646,771	14,298,011	3,253,565	2,123,750	104,539	245,092	10,493	17,459
28	North Dakota	2,185,377	537,816	7,019,169	3,551,805	1,514,215	545,362	9,974	46,762	1,334	4,844
29	South Dakota	5,776,689	1,379,691	5,941,092	10,421,214	1,334,308	1,429,132	7,380	111,758	1,034	11,144
30	Nebraska	12,371,699	2,771,815	11,652,068	18,236,897	2,451,987	2,393,089	55,528	214,873	7,367	21,381
31	Kansas	14,583,909	3,408,532	12,993,836	20,463,158	2,891,074	2,716,948	16,674	227,431	2,375	23,009
	SOUTH ATLANTIC:										
32	Delaware	18,149	4,326	1,024,945	1,075,921	277,202	223,732	200	----------	16	----------
33	Maryland	343,148	83,676	5,682,228	5,828,684	1,313,822	1,069,755	251,071	328,577	25,893	14,729
34	District of Columbia	----------	----------	1,800	803	535	201	----------	----------	----------	----------
35	Virginia	97,558	25,333	7,983,430	5,238,202	1,756,000	869,314	41,612	24,310	4,542	2,388
36	West Virginia	8,421	2,503	7,077,664	5,520,784	1,588,613	841,147	55,363	60,842	7,134	5,974
37	North Carolina	9,224	2,146	5,670,590	2,782,905	1,212,464	478,762	28,982	19,200	2,710	1,632
38	South Carolina	10,023	2,924	1,752,209	1,103,637	389,134	195,939	8,415	800	1,669	50
39	Georgia	17,286	4,187	4,385,354	2,542,127	988,723	453,703	165	62	30	8
40	Florida	2,095	632	310,651	339,503	96,423	82,390	112	2,912	14	259
	EAST SOUTH CENTRAL:										
41	Kentucky	154,427	41,456	8,421,827	5,873,883	1,793,142	953,370	38,851	37,245	3,030	3,723
42	Tennessee	32,345	9,014	9,009,307	5,192,022	1,890,272	819,203	11,883	15,673	1,334	1,643
43	Alabama	21,744	5,926	2,805,021	2,780,075	620,177	515,466	2,435	13,481	498	981
44	Mississippi	9,344	2,666	2,452,313	2,654,703	539,368	443,956	11,579	11,192	1,673	1,500
	WEST SOUTH CENTRAL:										
45	Arkansas	74,607	18,420	3,694,311	3,797,646	803,841	596,785	8,496	8,032	1,224	849
46	Louisiana	7,073	1,828	1,019,420	564,250	257,750	109,774	180,976	116,177	17,332	8,770
47	Oklahoma	3,137,112	670,821	7,465,824	[1] 3,454,881	1,615,694	[1] 461,424	11,765	[1] 30,959	1,933	[1] 3,289
48	Texas	1,247,018	323,999	12,141,624	7,928,646	2,704,405	1,331,235	69,730	76,148	9,077	7,462
	MOUNTAIN:										
49	Montana	652,097	192,819	1,234,263	1,204,339	365,916	291,907	44,571	21,532	7,170	3,437
50	Idaho	1,191,867	336,178	1,417,663	987,133	403,744	191,501	61,203	158,301	9,068	16,199
51	Wyoming	67,303	17,748	461,952	364,091	131,116	77,477	6,435	18,246	998	1,583
52	Colorado	1,087,681	311,222	2,914,143	2,756,798	800,740	589,394	56,413	80,333	7,952	9,094
53	New Mexico	11,248	3,282	410,634	116,816	119,468	29,030	24,918	38,164	3,817	5,106
54	Arizona	605,850	184,574	120,951	208,974	39,924	52,168	50,181	26,635	7,337	3,969
55	Utah	914,133	242,075	919,581	1,125,377	257,379	214,910	62,065	122,933	9,346	12,273
56	Nevada	209,003	64,197	156,588	328,937	48,631	71,707	1,355	88,227	213	8,862
	PACIFIC:										
57	Washington	4,386,283	1,371,075	3,112,326	4,172,820	941,285	882,344	43,530	126,670	5,189	15,020
58	Oregon	5,211,133	1,586,189	2,446,158	4,092,642	706,301	777,989	154,328	397,967	20,460	43,898
59	California	19,176,719	5,766,394	10,285,583	15,236,667	2,763,392	2,903,714	2,513,815	3,989,893	345,414	364,456

[1] Includes Indian Territory.

WOOL AND MOHAIR.

THE UNITED STATES AS A WHOLE.

Introduction.—The reports of the enumerators of both the Twelfth and Thirteenth Censuses were somewhat deficient with respect to wool production, and it has been deemed necessary to make estimates to cover this deficiency. At the census of 1900 estimates were made where it was deemed necessary, and all the figures in the reports published include such estimates, and none of them show the actual returns. It is impossible to ascertain to what extent the figures published consisted of estimates. For the census of 1910, however, both the figures as reported and the estimated totals are shown in the tables.

There are various reasons for the failure of the enumerators to report the entire wool production. In some cases the enumerators at the Thirteenth Census reported the number of sheep in 1910 and neglected to report the wool produced in 1909, notwithstanding the fact that the farmers had the sheep and clipped their wool in that year. In other cases, however, whole flocks of sheep had changed hands between 1909 and 1910. This is clearly indicated by the fact that a good many farms reported the production of wool in 1909, but no sheep in 1910. It can not be assumed, however, that the wool produced by sheep which had changed hands was in all cases reported by the farmers who had owned them in 1909, for the enumerators, after ascertaining that the farmer had no sheep in 1910, might neglect the subsequent inquiry as to wool produced in 1909. The number of farms which reported the production of wool in 1909 but no sheep on hand on April 15, 1910, was less than one-fourth as great as the number which reported sheep in 1910 but no wool production in 1909. Again, in the case of some farms, particularly tenant farms which had sheep both in 1909 and in 1910, the farmer who occupied a farm at the time of the enumeration was not the one who occupied it the preceding year. In cases of this sort the new occupant of the farm might be fairly well able to estimate the production of leading crops, from the acreage of stubble or otherwise, but would often hesitate to make an estimate for the wool, because of lack of knowledge of the changes which had taken place in the number of sheep on the farm during the preceding year.

In making the estimate of the total production of wool which is presented in Table 19, no account was taken of the 1,487,000 fleeces reported as produced in 1909 on farms with no sheep of shearing age in 1910, for this figure represents the wool production of part of the sheep which the estimate is designed to cover, it being assumed that, in general, some other farmer had in 1910 the same sheep which produced in 1909 the wool so reported; nor was there any mention made of the pulled wool which, as estimated by the National Association of Wool Manufacturers, amounted to 41,000,000 pounds in 1909.

Table 19 shows, for the United States as a whole, the actual returns of the Thirteenth Census and the estimated totals for 1909 and 1899, respectively.

Table 19

	Number of farms reporting.	Number of sheep of shearing age.	WOOL PRODUCED.		
			Fleeces.	Weight (pounds).	Value.
Sheep of shearing age on farms April 15, 1910	598,047	[1] 39,644,046			
Wool produced, as reported, 1909	458,311		35,336,830	241,882,318	$54,964,020
On farms reporting sheep April 15, 1910	423,580	31,636,132	33,849,587	232,357,186	52,708,093
On other farms	34,731		1,487,243	9,525,132	2,255,927
Total production of wool (partly estimated): 1909		[1] 39,644,046	42,320,580	289,419,977	65,472,328
1899	[2] 763,518	[3] 39,852,967	43,999,229	276,567,584	45,670,053
Increase, 1899 to 1909 [4]			−1,678,649	12,852,393	19,802,275
Per cent of increase [4]			−3.8	4.6	43.4

[1] Sheep born before Jan. 1, 1910.
[2] Farms reporting sheep of any age June 1, 1900.
[3] Sheep 1 year of age or over on June 1, 1900.
[4] A minus sign (−) denotes decrease.

According to the returns there were on April 15, 1910, 598,047 farms, or 9.4 per cent of all farms in the United States, with sheep of shearing age, the number of such sheep being 39,644,000. (The figures represent sheep, born before January 1, 1910, which may be roughly termed "sheep of shearing age," even though a small number of fall lambs are included.) Of these farms, however, there were only 423,580, with 31,636,000 sheep of shearing age, for which the enumerators reported the production of any wool in 1909. In other words, there were 174,467 farms reporting 8,008,000 sheep of shearing age on April 15, 1910, but with no report for wool produced in 1909.

The number of fleeces of wool reported for the 423,580 farms reporting sheep in 1909 and wool in 1909 was 33,850,000. The enumerators reported also the production of 1,487,000 fleeces in 1909 on farms with no sheep of shearing age on April 15, 1910. The total number of fleeces thus reported was 35,337,000, their weight was 241,882,000 pounds, and their value $54,964,000.

It is believed that a much closer approximation to the true production of wool can be obtained by an estimate based on the assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. On the basis of such an estimate, the total production of wool in 1909 was 42,321,000 fleeces. The production in 1899, also in part estimated at that time, was 43,999,000 fleeces, so that there was a decrease of 1,679,000 fleeces, or 3.8 per cent. On this same basis, the estimated

weight increased from 276,568,000 pounds in 1899 to 289,420,000 pounds in 1909, the increase amounting to 12,852,000 pounds, or 4.6 per cent. The reported weight per fleece increased from 6.3 pounds in 1899 to 6.8 pounds in 1909.

The value (similarly estimated) of the wool clipped was $45,670,000 in 1899 and $65,472,000 in 1909, an increase of $19,802,000, or 43.4 per cent. The average value per fleece increased from $1.04 to $1.55, and the average value per pound, from 17 cents to 23 cents.

It will be observed that at both censuses the number of fleeces reported for the year preceding the census was somewhat greater than the number of sheep of shearing age at the date of the census. This may be due in part to the fact that in certain sections of the country some of the sheep are shorn twice during the year, but it is doubtless chiefly attributable to the slaughtering of sheep after shearing time. The number on the census date, in other words, was less than the number which had existed at one time or another during the preceding shearing season.

It should be further noted that, owing to the change in the date of enumeration and in the method of age classification, the number of "sheep of shearing age," shown in Table 19, for 1910 is not precisely comparable with that shown for 1900. This subject is, however, fully discussed in Chapter VI.

GEOGRAPHIC DIVISIONS, SECTIONS, AND STATES.

Farms reporting sheep and number of sheep of shearing age: 1910 and 1900.—Table 20 shows, by geographic divisions and sections, the number of farms reporting sheep of shearing age (sheep born before January 1, 1910), on April 15, 1910, together with the number of such sheep. At the census of 1900 tables were published showing the number of sheep of shearing age (more than 1 year old), but not the number of farms reporting sheep of that age, the tabulation showing only the number of farms reporting sheep of any age. The number of farms reporting sheep without having any of shearing age is, however, comparatively small. In order to afford data as nearly comparable as possible, Table 20 also shows for 1910 as well as for 1900 the number of farms reporting sheep of any age. Further, the table shows the number of farms which reported sheep of shearing age on their farms April 15, 1910, without reporting any wool produced in 1909 and the number of such sheep thereon.

The statistics regarding the number of farms reporting sheep and the number of sheep of shearing age have been presented and discussed in Chapter VI, and are here repeated merely for convenience in considering the tables of wool production. Similar data, by divisions and states, appear in Table 27.

Table 20

DIVISION OR SECTION.	SHEEP, APRIL 15, 1910. Farms reporting. Sheep of shearing age.[1] Number of farms.	Per cent of all farms.	Farms reporting. Sheep of any age. Number of farms.	Per cent of all farms.	Sheep of shearing age.[1] Number of sheep.	Average per farm.	SHEEP OF SHEARING AGE[1] REPORTED APRIL 15, 1910, ON FARMS WITH NO REPORT OF WOOL PRODUCED IN 1909. Farms reporting.	Number of sheep.	SHEEP, JUNE 1, 1900. Farms reporting sheep of any age. Number of farms.	Per cent of all farms.	Sheep of shearing age.[2] Number of sheep.	Average per farm.
United States	**598,047**	**9.4**	**610,894**	**9.6**	**39,644,046**	**66.3**	**174,467**	**8,007,914**	**763,518**	**13.3**	**39,852,967**	**52.2**
New England	19,888	10.5	20,340	10.8	306,443	15.4	4,850	41,554	34,134	17.8	563,217	16.5
Middle Atlantic	50,281	10.7	51,108	10.9	1,260,455	25.1	11,076	162,098	86,243	17.8	1,970,362	22.8
East North Central	218,693	19.5	220,914	19.7	6,534,854	29.9	52,268	1,022,623	257,504	22.7	6,900,190	26.8
West North Central	103,227	9.3	105,482	9.5	3,524,749	34.1	37,155	1,005,072	101,065	9.5	3,155,531	31.2
South Atlantic	74,765	6.7	76,446	6.9	1,552,698	20.8	19,869	282,061	106,420	11.1	1,706,199	16.0
East South Central	85,835	8.2	88,039	8.4	1,513,833	17.6	29,556	405,648	121,132	13.4	1,489,730	12.3
West South Central	18,742	2.0	19,809	2.1	1,662,445	88.7	8,452	379,466	31,262	4.1	1,839,118	58.8
Mountain	15,027	8.2	16,328	8.9	19,509,675	1,298.3	7,258	4,140,297	12,653	12.5	17,984,275	1,421.3
Pacific	11,589	6.1	12,368	6.5	3,778,894	326.1	3,983	569,095	13,105	9.3	4,244,345	323.9
The North	392,089	13.6	397,904	13.8	11,626,501	29.7	105,349	2,231,347	478,946	16.7	12,589,309	26.3
The South	179,342	5.8	184,294	5.9	4,728,976	26.4	57,877	1,067,175	258,814	9.9	5,035,047	19.5
The West	26,616	7.1	28,696	7.7	23,288,569	875.0	11,241	4,709,392	25,758	10.6	22,228,620	863.0
East of the Mississippi River	449,462	11.4	456,907	11.6	11,168,283	24.8	117,619	1,913,984	605,433	16.5	12,629,698	20.9
West of the Mississippi River	148,585	6.1	153,987	6.3	28,475,763	191.6	56,848	6,093,930	158,085	7.7	27,223,269	172.2

[1] Sheep born before January 1, 1910.

[2] Sheep 1 year old or over on June 1, 1900.

This table shows a considerable variation among the divisions in the proportion of the sheep of shearing age for which no reports of wool production were received. For example, in the West North Central division such sheep represented 28.5 per cent of the total number of sheep of shearing age, but in the East North Central, only 15.6 per cent. Consequently, the estimates hereafter presented as to the total wool production involve somewhat greater uncertainty in some divisions than in others.

Wool produced in 1909 as reported and as estimated.—Table 21 presents, by geographic divisions and sections, the statistics of wool production as actually reported and the estimated total production in 1909, calculated in the manner described at the beginning of this section. The data in this table, in connection with the data presented in Table 20, furnish the basis for the calculation of the estimated production and value. Similar data, by divisions and states, appear in Tables 28 and 29.

Table 21

DIVISION OR SECTION.	WOOL PRODUCED: 1909						
	As reported.				Total (including estimates).		
	Farms reporting.	Number of fleeces.	Weight (pounds).	Value.	Number of fleeces.	Weight (pounds).	Value.
United States	**458,311**	**35,336,830**	**241,882,318**	**$54,964,020**	**42,320,580**	**289,419,977**	**$65,472,328**
New England	16,565	298,362	1,867,190	533,823	320,647	2,006,040	574,577
Middle Atlantic	42,771	1,197,730	7,882,029	2,300,428	1,292,189	8,520,646	2,492,257
East North Central	178,768	6,110,086	43,759,703	12,833,465	6,780,541	48,670,564	14,276,742
West North Central	72,959	2,828,460	19,341,123	4,817,062	3,588,936	24,709,945	6,127,159
South Atlantic	58,737	1,335,039	5,782,461	1,696,966	1,560,105	6,677,028	1,955,282
East South Central	60,992	1,217,989	4,791,097	1,287,379	1,563,103	6,123,485	1,648,579
West South Central	11,062	1,854,732	9,190,459	1,978,688	2,203,160	11,359,271	2,442,998
Mountain	8,218	16,074,406	117,553,632	23,595,130	19,910,938	145,311,085	29,211,379
Pacific	8,239	4,419,426	31,714,624	5,921,079	5,010,961	36,041,913	6,743,375
The North	311,063	10,434,638	72,850,045	20,484,778	11,982,313	83,907,195	23,470,735
The South	130,791	4,408,360	19,764,017	4,963,033	5,416,368	24,159,784	6,046,839
The West	16,457	20,493,832	140,268,256	29,516,209	24,921,899	181,352,998	35,954,754
East of the Mississippi River	357,833	10,159,806	64,082,480	18,052,061	11,516,585	71,997,763	20,947,417
West of the Mississippi River	100,478	25,177,024	177,799,838	36,911,959	30,803,995	217,422,214	44,524,911

DIVISION OR SECTION.	WOOL PRODUCED: 1909—continued.							
	On farms reporting sheep April 15, 1910.					On farms not reporting sheep April 15, 1910.			
	Farms reporting.	Sheep.	Number of fleeces.	Weight. (pounds).	Value.	Farms reporting.	Number of fleeces.	Weight (pounds).	Value.
United States	**423,580**	**31,636,132**	**33,849,587**	**232,357,186**	**$52,708,093**	**34,731**	**1,487,243**	**9,525,132**	**$2,255,927**
New England	15,038	264,889	277,390	1,737,667	498,277	1,527	20,963	129,523	35,546
Middle Atlantic	39,205	1,093,357	1,126,133	7,425,717	2,172,880	3,566	71,597	456,312	127,548
East North Central	166,425	5,512,231	5,720,750	41,136,838	12,095,074	12,343	383,336	2,622,865	738,391
West North Central	66,072	2,519,677	2,561,904	17,637,607	4,397,978	6,887	260,556	1,703,516	419,084
South Atlantic	54,896	1,270,637	1,274,292	5,518,651	1,620,620	3,841	61,347	263,810	76,346
East South Central	56,279	1,108,185	1,144,184	4,494,539	1,210,501	4,713	73,805	296,558	76,788
West South Central	10,290	1,282,979	1,781,254	8,844,482	1,902,206	772	73,478	345,977	76,392
Mountain	7,769	15,369,378	15,692,354	114,961,977	23,086,812	449	382,052	2,591,655	508,318
Pacific	7,606	3,209,799	4,265,317	30,599,708	5,723,565	633	154,109	1,114,916	197,514
The North	286,740	9,395,154	9,692,186	67,937,829	19,164,209	24,323	742,452	4,912,216	1,320,569
The South	121,465	3,661,801	4,199,730	18,857,672	4,733,507	6,326	208,630	906,345	229,526
The West	15,375	18,579,177	19,957,671	145,561,685	28,810,377	1,082	536,161	3,706,571	705,832
East of the Mississippi River	331,843	9,254,299	9,548,758	60,313,412	17,597,442	25,990	611,048	3,769,068	1,054,619
West of the Mississippi River	91,737	22,381,833	24,300,829	172,043,774	35,110,651	8,741	876,195	5,756,064	1,201,308

Comparative wool production: 1909 and 1899.—Table 22 shows the farms reporting sheep of any age April 15, 1910, and June 1, 1900, with the increase or decrease during the decade. Comparative figures are also given for 1909 and 1899 with respect to fleeces produced, weight of wool, and value of wool. These three items all include estimated figures for farms with incomplete reports. The number of sheep of shearing age is also shown as reported on April 15, 1910, and on June 1, 1900, but because of the considerable element of incomparability due to the change in the date of enumeration and in the basis of age classification, the increases are not computed, the figures being chiefly significant as showing the changes in the geographic distribution of sheep. (See discussion in Chapter VI.) The other figures are approximately comparable, but it must not be supposed that the increases and decreases shown are precise. Similar data by divisions and states appear in Table 29.

There were decreases during the decade in the number of farms reporting sheep in all of the geographic divisions of the country except the West North Central and Mountain divisions. The same statement applies to the number of fleeces. The greatest absolute decreases were in the Middle Atlantic (777,000 fleeces), East North Central (584,000 fleeces) and Pacific (587,000 fleeces) divisions; but the highest percentages of decrease were in the New England (45 per cent), Middle Atlantic (37.5 per cent), and South Atlantic (13.1 per cent) divisions. The increase in the West North Central division was 5.5 per cent; in the Mountain division, 4.4 per cent. The weight of the wool produced in these divisions increased by a considerably higher percentage than the number of fleeces. The weight also increased in the West South Central division. The average value per pound increased materially during the decade, resulting in an increase in the value of wool produced in all divisions except the New England and Middle Atlantic, where the decrease in the number of fleeces was so large that the increase in price did not compensate the decreased production.

As shown by Table 29, the greatest absolute increase in the production of wool between 1899 and 1909 reported by any state was that in Wyoming, 1,725,000 fleeces. The percentage of increase in this state, 50.9, was also higher than that in any other state except Missouri, where the increase was 67.6 per cent. The states showing the greatest absolute decreases in the production of wool were Utah, New Mexico, New York, Wisconsin, Pennsylvania, California, Indiana, Washington, and North Dakota, in each of which the production in 1899 exceeded that in 1909 by more than 200,000 fleeces. The decrease in Utah was over 1,000,000 fleeces.

PRODUCTION OF WOOL: 1909 AND 1899.

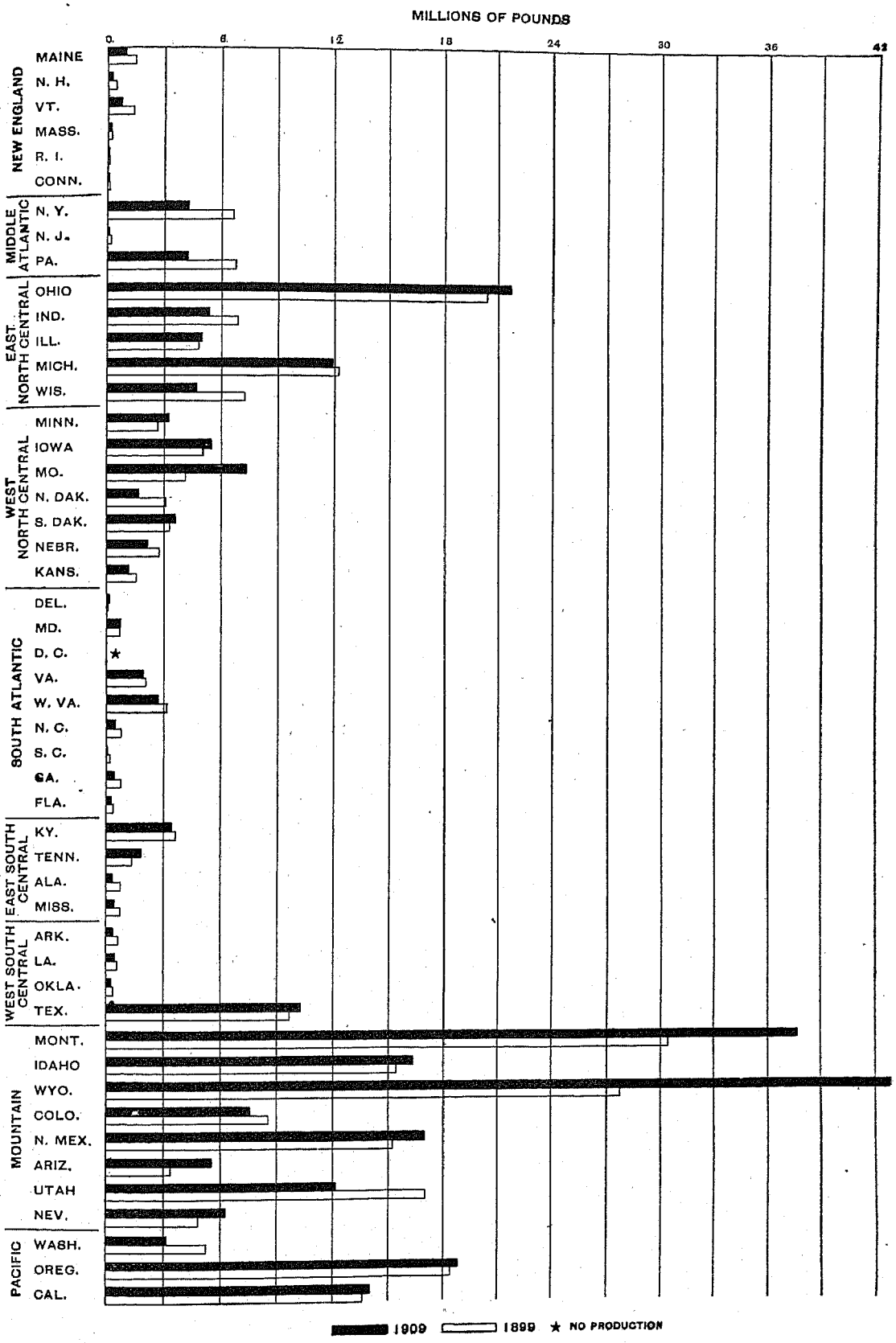

Table 22

DIVISION OR SECTION.	FARMS REPORTING SHEEP OF ANY AGE.				SHEEP OF SHEARING AGE.[1]		FLEECES PRODUCED (INCLUDING ESTIMATES).			
	1910 (April 15)	1900 (June 1)	Increase.[2] Number.	Increase.[2] Per cent.	1910 (April 15)	1900 (June 1)	1909	1899	Increase.[2] Number.	Increase.[2] Per cent.
United States	**610,894**	**763,518**	**−152,624**	**−20.0**	**39,644,046**	**39,852,967**	**42,320,580**	**43,999,229**	**−1,678,649**	**−3.8**
New England	20,340	34,134	−13,794	−40.4	306,443	563,217	320,647	582,841	−262,194	−45.0
Middle Atlantic	51,108	86,243	−35,075	−40.7	1,260,455	1,970,362	1,292,189	2,069,040	−776,851	−37.5
East North Central	220,914	257,504	−36,590	−14.2	6,534,854	6,900,190	6,780,541	7,364,236	−583,675	−7.9
West North Central	105,482	101,065	4,417	4.4	3,524,749	3,155,531	3,588,936	3,403,407	185,529	5.5
South Atlantic	76,446	106,420	−29,974	−28.2	1,552,698	1,706,199	1,560,105	1,794,984	−234,879	−13.1
East South Central	88,039	121,132	−33,093	−27.3	1,513,833	1,489,730	1,563,103	1,652,934	−89,831	−5.4
West South Central	19,809	31,262	−11,453	−36.6	1,662,445	1,839,118	2,293,160	2,468,717	−175,557	−7.1
Mountain	16,328	12,653	3,675	29.0	19,509,675	17,984,275	19,910,938	19,064,726	846,212	4.4
Pacific	12,308	13,105	−797	−5.6	3,778,894	4,244,345	5,010,961	5,598,364	−587,403	−10.5
The North	397,004	478,046	−81,042	−16.9	11,626,501	12,589,300	11,982,313	13,419,504	−1,437,191	−10.7
The South	184,294	258,814	−74,520	−28.8	4,728,976	5,035,047	5,416,368	5,916,635	−500,267	−8.5
The West	28,696	25,758	2,938	11.4	23,288,569	22,228,620	24,921,899	24,663,090	258,809	1.0
East of the Mississippi River	456,907	605,433	−148,526	−24.5	11,168,283	12,629,698	11,516,585	13,464,015	−1,947,430	−14.5
West of the Mississippi River	153,987	158,085	−4,098	−2.6	28,475,763	27,223,269	30,803,995	30,535,214	268,781	0.9

DIVISION OR SECTION.	WEIGHT OF WOOL—POUNDS (INCLUDING ESTIMATES).				VALUE OF WOOL (INCLUDING ESTIMATES).			
	1909	1899	Increase.[2] Number.	Increase.[2] Per cent.	1909	1899	Increase.[2] Amount.	Increase.[2] Per cent.
United States	**289,419,977**	**276,567,584**	**12,852,393**	**4.6**	**$65,472,328**	**$45,670,053**	**$19,802,275**	**43.4**
New England	2,006,040	3,557,230	−1,551,190	−43.6	574,577	743,221	−168,644	−22.7
Middle Atlantic	8,520,046	13,553,019	−5,032,373	−37.1	2,492,257	2,800,924	−308,667	−11.0
East North Central	48,070,564	51,469,641	−2,799,077	−5.4	14,276,742	10,673,192	3,603,550	33.8
West North Central	24,709,945	22,439,475	2,270,470	10.1	6,127,159	3,979,145	2,148,014	54.0
South Atlantic	6,677,028	7,892,212	−1,215,184	−15.4	1,955,262	1,599,937	355,325	22.2
East South Central	6,123,485	6,536,376	−412,891	−6.3	1,648,579	1,296,684	351,895	27.1
West South Central	11,359,271	11,151,253	208,018	1.9	2,442,998	1,682,610	760,388	45.2
Mountain	145,311,085	122,670,135	22,640,950	18.5	29,211,379	18,171,536	11,039,843	60.8
Pacific	36,041,913	37,298,243	−1,256,330	−3.4	6,743,375	4,722,804	2,020,571	42.8
The North	83,907,195	91,019,365	−7,112,170	−7.8	23,470,735	18,196,482	5,274,253	29.0
The South	24,159,784	25,579,841	−1,420,057	−5.6	6,046,839	4,579,231	1,467,608	32.0
The West	181,352,998	159,968,378	21,384,620	13.4	35,954,754	22,894,340	13,060,414	57.0
East of the Mississippi River	71,997,763	83,008,478	−11,010,715	−13.3	20,947,417	17,113,958	3,833,459	22.4
West of the Mississippi River	217,422,214	193,559,106	23,863,108	12.3	44,524,911	28,556,095	15,968,816	55.9

[1] For 1910 the figures represent sheep born before January 1, 1910; for 1900, sheep 1 year old and over.
[2] A minus sign (−) denotes decrease.

Table 23 shows, by percentages, the distribution of the sheep raising industry and the production of wool among the geographic divisions and sections at the two censuses. The distribution of the production of wool is illustrated by the diagram on page 495, which shows, approximately, the number of pounds produced in each state in 1909 and 1899.

Table 23

DIVISION OR SECTION.	PER CENT OF UNITED STATES TOTAL.									
	Farms reporting sheep of any age.		Sheep of shearing age.		Number of fleeces.		Weight.		Value.	
	1910 (April 15)	1900 (June 1)	1910 (April 15)	1900 (June 1)	1909	1899	1909	1899	1909	1899
United States	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
New England	3.3	4.5	0.8	1.4	0.8	1.3	0.7	1.3	0.9	1.6
Middle Atlantic	8.4	11.3	3.2	4.9	3.1	4.7	2.9	4.9	3.8	6.1
East North Central	36.2	33.7	16.5	17.3	16.0	16.7	16.8	18.6	21.8	23.4
West North Central	17.3	13.2	8.9	7.9	8.5	7.7	8.5	8.1	9.4	8.7
South Atlantic	12.5	13.9	3.9	4.3	3.7	4.1	2.3	2.9	3.0	3.5
East South Central	14.4	15.9	3.8	3.7	3.7	3.8	2.1	2.4	2.5	2.8
West South Central	3.2	4.1	4.2	4.6	5.4	5.6	3.9	4.0	3.7	3.7
Mountain	2.7	1.7	49.2	45.1	47.0	43.3	50.2	44.4	44.6	39.8
Pacific	2.0	1.7	9.5	10.7	11.8	12.7	12.5	13.5	10.3	10.3
The North	65.1	62.7	29.3	31.6	28.3	30.5	29.0	32.9	35.8	39.8
The South	30.2	33.9	11.9	12.6	12.8	13.4	8.3	9.2	9.2	10.0
The West	4.7	3.4	58.7	55.8	58.9	56.1	62.7	57.8	54.9	50.1
East of Mississippi	74.8	79.3	28.2	31.7	27.2	30.6	24.9	30.0	32.0	37.5
West of Mississippi	25.2	20.7	71.8	68.3	72.8	69.4	75.1	70.0	68.0	62.5

Although 36.2 per cent of all the farms in the United States which reported sheep in 1910 were in the East North Central division, only 16.5 per cent of the sheep of shearing age were reported by the farms in that division, and its proportion of the number of fleeces produced in 1909 and of their weight was nearly the same. On the other hand, the wool produced in that division had a higher value than that produced in the divisions farther west, so that 21.8 per cent of the value of the wool produced was reported from the East North Central division. In striking contrast the Mountain division contained only 2.7 per cent of all farms having sheep in 1910, but, at the same time, reported 49.2 per cent of the sheep of shearing age, 47 per cent of the fleeces, 50.2 per cent of the total weight, and 44.6 per cent of the total value. In quantity and value of wool produced the Pacific division ranked third and the West North Central division fourth.

Of all farms reporting sheep in 1910, 65.1 per cent was in the North, but these farms had only 29.3 per cent of the sheep of shearing age and produced only 28.3 per cent of the fleeces, although they reported 35.8 per cent of the total value. The West reported 58.7 per cent of the sheep of shearing age, 58.9 per cent of the fleeces, 62.7 per cent of the total weight of wool, and 54.9 per cent of the total value. Almost

three-fourths of the farms reporting sheep were east of the Mississippi River, but more than seven-tenths of the number of fleeces were produced west of that river.

Of the three principal wool producing divisions, the East North Central and Pacific each reported a smaller proportion of the total wool clip in 1909 than in 1899, and the Mountain division a larger proportion.

By reference to Table 29 it will be seen that in 1909 the most important state in the production of wool was Wyoming, the estimated total production in that state being 5,116,000 fleeces. In Montana the estimated total production was 4,725,000 fleeces; in New Mexico, 3,093,000 fleeces; in Ohio, 3,073,000 fleeces; in California, 2,563,000 fleeces; in Idaho, 2,251,000 fleeces; in Oregon, 2,126,000 fleeces; and in Texas, 2,007,000 fleeces. No other state produced as many as 2,000,000 fleeces.

Average weight and value: 1909 and 1899.—Table 24, based on the figures in Table 22, shows the average weight per fleece, the average value per fleece, and the average value per pound, by geographic divisions and sections, for 1909 and 1899. Similar data, by divisions and states, appear in Table 29.

Table 24

DIVISION OR SECTION.	AVERAGE WEIGHT PER FLEECE (POUNDS).		AVERAGE VALUE PER FLEECE.		AVERAGE VALUE PER POUND.	
	1909	1899	1909	1899	1909	1899
United States	**6.8**	**6.3**	**$1.55**	**$1.04**	**$0.23**	**$0.17**
New England	6.3	6.1	1.79	1.28	0.29	0.21
Middle Atlantic	6.6	6.6	1.93	1.35	0.29	0.21
East North Central	7.2	7.0	2.11	1.45	0.29	0.21
West North Central	6.9	6.6	1.71	1.17	0.25	0.18
South Atlantic	4.3	4.4	1.25	0.89	0.29	0.20
East South Central	3.9	4.0	1.05	0.78	0.27	0.20
West South Central	5.0	4.5	1.07	0.68	0.22	0.15
Mountain	7.3	6.4	1.47	0.95	0.20	0.15
Pacific	7.2	6.7	1.35	0.84	0.19	0.13
The North	7.0	6.8	1.96	1.36	0.28	0.20
The South	4.5	4.3	1.12	0.77	0.25	0.18
The West	7.3	6.5	1.44	0.93	0.20	0.14
East of the Mississippi River	6.3	6.2	1.82	1.27	0.29	0.21
West of the Mississippi River	7.1	6.3	1.45	0.94	0.20	0.15

The average weight of fleeces in 1909 was higher in the three leading producing divisions—the Mountain, East North Central, and Pacific—than in any of the other divisions. The highest average was in the Mountain division, 7.3 pounds per fleece. The average was decidedly lower in the three southern divisions than elsewhere, being lowest in the East South Central, 3.9 pounds per fleece.

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In the United States as a whole the average weight per fleece increased from 6.3 pounds in 1899 to 6.8 pounds in 1909. The average weight was greater in the later year than in the earlier in six of the divisions, the increase being most conspicuous in the Mountain division, where the average was 6.4 pounds in 1899 and 7.3 pounds in 1909. In the South Atlantic and East South Central divisions, however, the average was slightly lower in the later year than in the earlier, and in the Middle Atlantic there was no change.

The average value of wool per pound in 1909 was 29 cents in four of the geographic divisions, including the East North Central division, which ranked second in wool production. The average value was very much lower in the West South Central, Mountain, and Pacific divisions than elsewhere. In the Mountain division, which is by far the most important in wool production, it was 20 cents per pound, and in the Pacific 19 cents.

On account of the considerable variations in the weight of wool per fleece and in the average value per pound, decided differences appear among the divisions with respect to the average value per fleece. In 1909 the average was highest in the East North Central division, $2.11, and lowest in the East South Central, $1.05. In the Mountain division the average was $1.47, and in the Pacific, $1.35.

The average value of wool per pound increased in every division between 1899 and 1909; the increases ranged from 5 to 9 cents, but the percentage of increase was approximately the same in each division. Because of this increase in the value per pound, and of the increases shown in most divisions in the weight per fleece, there was a very considerable increase in every division in the value per fleece. In the Mountain division, the average value per fleece in 1899 was $0.95, and in 1909, $1.47; in the East North Central, the corresponding figures were $1.45 and $2.11.

Mohair and goat hair.—Table 25 shows, by geographic divisions and sections, the number of farms reporting goats and kids on April 15, 1910, and on June 1, 1900, and the number of goats and kids at each census, and the reported production and value of mohair and goat hair in 1909 and 1899. Had it not been for the change in the date of enumeration the number of goats and kids in 1910 would have been considerably greater than that shown in the table (compare Chapter VI).

Table 25

DIVISION OR SECTION.	FARMS REPORTING GOATS AND KIDS.		NUMBER OF GOATS AND KIDS.		MOHAIR PRODUCED.							
					Farms reporting.		Number of fleeces.		Weight (pounds).		Value.	
	1910 (April 15)	1900 (June 1)	1910 (April 15)	1900 (June 1)	1909	1899	1909	1899	1909	1899	1909	1899
United States	82,755	77,515	2,915,125	1,870,599	9,186	4,081	1,682,912	454,932	3,778,706	961,328	$901,597	$267,864
New England	660	406	3,195	2,179	123	18	1,298	750	4,445	1,749	1,275	611
Middle Atlantic	1,821	1,539	7,588	4,212	207	25	2,668	413	8,797	1,103	2,834	397
East North Central	6,230	5,256	35,059	25,536	664	118	9,825	2,004	35,044	6,476	9,680	1,709
West North Central	9,894	8,136	113,215	94,500	1,493	567	38,173	19,230	116,057	51,619	26,806	15,508
South Atlantic	17,026	19,101	211,101	205,289	323	52	7,172	676	21,009	1,718	6,980	511
East South Central	17,278	19,871	198,647	210,652	385	158	5,223	1,062	13,241	2,747	3,685	815
West South Central	17,717	15,046	1,276,231	731,781	1,879	680	1,084,893	194,930	2,016,736	278,411	472,315	78,370
Mountain	5,854	4,238	737,644	374,892	506	230	284,784	81,297	738,226	175,955	184,305	48,818
Pacific	6,275	3,922	332,445	221,558	3,606	2,233	248,876	154,570	825,151	441,550	193,717	121,125
The North	18,605	15,337	159,057	126,427	2,487	728	51,964	22,397	164,343	60,947	40,595	18,235
The South	52,021	54,018	1,685,979	1,147,722	2,587	890	1,097,288	196,668	2,050,986	282,876	482,980	79,686
The West	12,129	8,160	1,070,089	596,450	4,112	2,463	533,660	235,867	1,563,377	617,505	378,022	169,943
East of the Mississippi River	43,015	46,173	455,590	447,868	1,702	371	26,186	4,905	82,536	13,793	24,454	4,033
West of the Mississippi River	39,740	31,342	2,459,535	1,422,731	7,484	3,710	1,656,726	450,027	3,696,170	947,535	877,143	263,831

The reports for the production of mohair are presumably quite as defective as those for wool—probably in most parts of the country more defective, because this is a less important product and more likely to be overlooked. The agricultural schedules, however, on account of the minor importance of goats did not distinguish them by age, and it is scarcely possible to approximate the total production of mohair from the number of goats of all ages taken together. The term "mohair," as used in this discussion, includes all goat hair reported on the census schedules as having a commercial value, and refers to the inferior fleeces of half-bloods and other grades as well as those of pure-bred or approximately pure-bred Angora goats. In many sections of the country the number of goats on farms is insignificant, and a considerable proportion of those which are kept are not shorn for mohair; consequently the production of mohair in several of the geographic divisions is very small, and errors in the reported production are of no particular significance.

The total reported production of mohair in 1909 was 1,683,000 fleeces, or more than three and one-half times as many as were reported in 1899. The reported weight of the mohair was 3,779,000 pounds, and the value $902,000. It is noteworthy that the average value of mohair per pound was somewhat lower in 1909 than in 1899, so that, although the average weight per fleece increased slightly during the decade, the average value per fleece decreased. This decrease in average value is probably due to a decline in the average quality of the mohair reported.

Table 26, derived from Table 25, shows, by percentages, the distribution of the various United States totals relating to the keeping of goats and the production of mohair among the geographic divisions and sections.

Table 26

DIVISION OR SECTION.	PER CENT OF UNITED STATES TOTAL.											
	Farms reporting goats and kids.		Number of goats and kids.		Mohair produced.							
					Farms reporting.		Fleeces.		Weight.		Value.	
	1910 (Apr. 15)	1900 (June 1)	1910 (Apr. 15)	1900 (June 1)	1909	1899	1909	1899	1909	1899	1909	1899
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England	0.8	0.5	0.1	0.1	1.3	0.4	0.1	0.2	0.1	0.2	0.1	0.2
Middle Atlantic	2.2	2.0	0.3	0.2	2.3	0.6	0.2	0.1	0.2	0.1	0.3	0.1
East North Central	7.5	6.8	1.2	1.4	7.2	2.9	0.6	0.4	0.9	0.7	1.1	0.6
West North Central	12.0	10.5	3.9	5.1	16.3	13.9	2.3	4.2	3.1	5.4	3.0	5.8
South Atlantic	20.6	24.6	7.2	11.0	3.5	1.3	0.4	0.1	0.6	0.2	0.8	0.2
East South Central	20.9	25.6	6.8	11.3	4.2	3.9	0.3	0.2	0.4	0.3	0.4	0.3
West South Central	21.4	19.4	43.8	39.1	20.5	16.7	64.5	42.8	53.4	29.0	52.4	29.3
Mountain	7.1	5.5	25.3	20.0	5.5	5.6	16.9	17.9	19.5	18.3	20.4	18.2
Pacific	7.6	5.1	11.4	11.8	39.3	54.7	14.8	34.0	21.8	45.9	21.5	45.2
The North	22.5	19.8	5.5	6.8	27.1	17.8	3.1	4.9	4.3	6.3	4.5	6.8
The South	62.9	69.7	57.8	61.4	28.2	21.8	65.2	43.2	54.3	29.4	53.6	29.7
The West	14.7	10.5	36.7	31.9	44.8	60.4	31.7	51.8	41.4	64.2	41.9	63.4
East of the Mississippi River	52.0	59.6	15.6	23.9	18.5	9.1	1.6	1.1	2.2	1.4	2.7	1.5
West of the Mississippi River	48.0	40.4	84.4	76.1	81.5	90.9	98.4	98.9	97.8	98.6	97.3	98.5

More than one-half of the mohair reported in 1909 was produced in the West South Central division, and nearly all of the remainder in the Mountain and Pacific divisions. The number of fleeces produced in the West South Central division was over five times as great in 1909 as in 1899, and in the Mountain division over three times as great. Very high relative increases also appear in some of the divisions where the number of fleeces produced is still very small. The distribution of the farms reporting mohair is very different from the distribution of the farms reporting goats for the reason that the goats most commonly kept in some sections of the country are short-haired goats, which do not produce mohair. Likewise the distribution of fleeces does not correspond very closely with the distribution of goats and kids.

State tables.—Tables 27, 28, 29, and 30 present, by divisions and states, information similar to that presented by divisions and sections in the various preceding tables. Table 27 relates to the number of sheep of shearing age in 1910 and 1900, and the number of farms reporting sheep of all ages in 1910 and 1900, respectively. Table 28 shows the actual reported figures as to the produced and value of wool in 1909. Table 29 presents comparative statistics, partly estimated, for wool produced in 1909 and 1899, together with comparative data as to the number of farms reporting sheep, the number of sheep of shearing age, and the average weight per fleece, value per fleece, and value per pound. Table 30 shows the number of farms reporting goats and kids in 1910 and 1900 and the reported production of goat hair and mohair. In considering the statistics in these tables the statements made in the preceding text with reference to the basis and comparability of the statistics should be borne in mind.

WOOL—FARMS REPORTING SHEEP AND NUMBER OF SHEEP ON FARMS: 1910 AND 1900.

Table 27

DIVISION OR STATE.	SHEEP, APRIL 15, 1910.						SHEEP OF SHEARING AGE[1] REPORTED APRIL 15, 1910, ON FARMS WITH NO REPORT OF WOOL PRODUCED IN 1909.		SHEEP, JUNE 1, 1900.			
	Farms reporting.				Sheep of shearing age.[1]				Farms reporting sheep of any age.		Sheep of shearing age.[2]	
	Sheep of shearing age.[1]		Sheep of any age.									
	Number of farms.	Per cent of all farms.	Number of farms.	Per cent of all farms.	Number of sheep.	Average per farm.	Farms reporting.	Number of sheep.	Number of farms.	Per cent of all farms.	Number of sheep.	Average per farm.
United States	**598,047**	**9.4**	**610,894**	**9.6**	**39,644,046**	**66.3**	**174,467**	**8,007,914**	**763,518**	**13.3**	**39,852,967**	**52.2**
GEOGRAPHIC DIVISIONS:												
New England	19,888	10.5	20,340	10.8	306,443	15.4	4,850	41,554	34,134	17.8	563,217	16.5
Middle Atlantic	50,281	10.7	51,168	10.9	1,260,455	25.1	11,076	162,098	86,243	17.8	1,970,362	22.8
East North Central	218,693	19.5	220,914	19.7	6,534,854	29.9	52,268	1,022,623	257,504	22.7	6,900,190	26.8
West North Central	103,227	9.3	105,482	9.5	3,524,749	34.1	37,155	1,005,072	101,065	9.5	3,155,531	31.2
South Atlantic	74,765	6.7	76,446	6.9	1,552,698	20.8	19,869	282,061	106,420	11.1	1,706,199	16.0
East South Central	85,835	8.2	88,039	8.4	1,513,833	17.6	20,556	405,648	121,132	13.4	1,489,730	12.3
West South Central	18,742	2.0	19,809	2.1	1,662,445	88.7	8,452	379,466	31,262	4.1	1,839,118	58.8
Mountain	15,027	8.2	16,328	8.9	19,509,675	1,298.3	7,258	4,140,297	12,653	12.5	17,984,275	1,421.3
Pacific	11,589	6.1	12,368	6.5	3,778,894	326.1	3,983	569,095	13,105	9.3	4,244,345	323.9
NEW ENGLAND:												
Maine	10,984	18.3	11,060	18.4	149,934	13.7	2,341	18,004	18,361	31.0	252,213	13.7
New Hampshire	2,167	8.0	2,236	8.3	31,201	14.4	661	5,714	4,202	14.3	65,318	15.5
Vermont	4,844	14.8	5,033	15.4	84,300	17.4	1,148	9,831	8,533	25.8	182,167	21.3
Massachusetts	975	2.6	1,028	2.8	22,699	23.3	318	3,761	1,447	3.8	33,869	23.4
Rhode Island	214	4.0	242	4.6	4,206	19.7	84	891	333	6.1	6,629	19.9
Connecticut	704	2.6	741	2.8	14,043	19.9	298	3,353	1,258	4.7	23,021	18.3
MIDDLE ATLANTIC:												
New York	24,268	11.3	24,854	11.5	606,119	25.0	5,215	79,042	40,625	17.9	984,516	24.2
New Jersey	811	2.4	878	2.6	16,795	20.7	254	3,559	1,561	4.5	26,363	16.9
Pennsylvania	25,202	11.5	25,436	11.6	637,541	25.3	5,607	79,497	44,057	19.6	959,483	21.8
EAST NORTH CENTRAL:												
Ohio	70,458	25.9	71,556	26.3	2,890,103	41.0	15,335	373,049	73,636	26.6	2,648,250	36.0
Indiana	37,570	17.4	38,191	17.7	812,427	21.6	11,704	204,298	48,046	21.7	1,010,648	21.0
Illinois	25,504	10.1	26,202	10.4	658,484	25.8	9,543	180,881	25,422	9.6	629,150	24.7
Michigan	54,871	26.5	54,865	26.5	1,545,241	28.2	9,011	172,437	63,339	31.2	1,625,930	25.7
Wisconsin	30,290	17.1	30,040	17.0	628,530	20.8	6,675	91,358	47,061	27.7	986,212	21.0
WEST NORTH CENTRAL:												
Minnesota	24,482	15.7	24,565	15.7	452,071	18.5	7,044	88,568	28,056	18.1	359,328	12.8
Iowa	21,057	9.7	21,810	10.0	769,917	36.6	8,355	207,210	18,788	8.2	657,868	35.0
Missouri	43,322	15.6	44,081	15.9	1,110,189	25.8	14,031	280,681	38,013	13.3	663,703	17.5
North Dakota	3,624	4.9	3,671	4.9	241,392	66.6	1,841	78,829	4,957	10.9	451,437	91.1
South Dakota	5,033	6.5	5,159	6.6	501,041	99.6	2,209	140,438	6,392	12.1	507,338	79.4
Nebraska	2,862	2.2	3,043	2.3	240,116	83.9	1,601	104,773	2,764	2.3	335,950	121.5
Kansas	2,847	1.6	3,153	1.8	204,023	71.7	1,474	98,573	2,095	1.2	179,907	85.9
SOUTH ATLANTIC:												
Delaware	222	2.0	266	2.5	4,415	19.9	121	1,811	466	4.8	6,964	14.9
Maryland	6,157	12.6	6,228	12.7	126,251	20.5	1,365	22,250	6,339	13.8	111,520	17.6
District of Columbia												
Virginia	21,137	11.5	21,514	11.7	438,719	20.8	5,195	73,580	24,732	14.7	392,125	15.9
West Virginia	25,787	26.7	26,179	27.1	566,952	22.0	5,703	77,758	30,266	32.6	572,739	18.9
North Carolina	14,267	5.6	14,710	5.8	140,070	9.8	4,388	31,036	28,941	12.9	208,812	7.2
South Carolina	1,069	0.9	1,731	1.0	27,926	16.7	856	11,250	3,921	2.5	52,436	13.4
Georgia	4,907	1.7	5,167	1.8	153,250	31.2	1,989	45,906	10,891	4.8	258,894	23.8
Florida	619	1.2	651	1.3	95,115	153.7	252	18,470	864	2.1	102,709	118.9
EAST SOUTH CENTRAL:												
Kentucky	44,773	17.3	45,697	17.6	778,154	17.4	14,576	202,541	50,835	21.7	716,158	14.1
Tennessee	29,431	12.0	29,987	12.2	470,337	16.0	9,768	121,397	37,905	16.9	307,804	8.1
Alabama	6,302	2.4	6,628	2.5	109,112	17.3	2,760	34,541	17,902	8.0	229,298	12.8
Mississippi	5,329	1.9	5,727	2.1	156,230	29.3	2,452	47,169	14,430	6.5	236,470	16.4
WEST SOUTH CENTRAL:												
Arkansas	7,926	3.7	8,397	3.9	96,517	12.2	3,457	32,888	18,302	10.2	168,761	9.2
Louisiana	3,438	2.9	3,656	3.0	139,308	40.5	1,852	37,687	5,740	4.9	169,234	29.5
Oklahoma	814	0.4	880	0.5	48,896	60.1	495	19,767	[3]804	0.7	[3]61,183	76.1
Texas	6,564	1.6	6,876	1.6	1,377,724	209.9	2,648	289,124	6,416	1.8	1,439,940	224.4
MOUNTAIN:												
Montana	2,136	8.1	2,252	8.6	4,959,835	2,322.0	1,059	1,180,820	1,481	11.1	4,215,214	2,846.2
Idaho	2,571	8.3	2,932	9.5	2,110,330	820.8	1,460	514,310	1,936	11.1	1,965,467	1,015.2
Wyoming	1,563	14.2	1,643	15.0	4,826,565	3,088.0	608	822,566	1,076	17.7	3,327,185	3,092.2
Colorado	1,717	3.7	1,794	3.9	1,305,596	760.4	1,013	303,163	1,255	5.1	1,352,823	1,077.9
New Mexico	3,313	9.3	3,378	9.5	2,894,984	873.8	1,451	741,461	2,504	20.3	3,333,743	1,331.4
Arizona	1,161	12.6	1,627	17.6	916,600	789.5	494	210,818	602	10.4	668,458	1,110.4
Utah	2,276	10.5	2,388	11.0	1,670,890	734.1	1,027	210,347	3,544	18.3	2,553,134	720.4
Nevada	290	10.8	314	11.7	824,875	2,844.4	146	156,812	255	11.7	568,251	2,228.4
PACIFIC:												
Washington	2,005	3.6	2,155	3.8	295,264	147.3	878	52,749	2,793	8.4	558,022	199.8
Oregon	6,038	13.3	6,356	14.0	1,958,342	324.3	1,071	301,861	6,696	18.7	1,961,355	292.9
California											1,724,968	477.0

WOOL—FARMS REPORTING, NUMBER OF FLEECES, AND WEIGHT AND VALUE OF WOOL AS ACTUALLY REPORTED, BY DIVISIONS AND STATES.

Table 28

DIVISION OR STATE.	TOTAL PRODUCTION (AS REPORTED).				ON FARMS REPORTING SHEEP APRIL 15, 1910.					ON FARMS NOT REPORTING SHEEP APRIL 15, 1910.			
	Farms reporting.	Number of fleeces.	Weight (pounds).	Value.	Farms reporting.	Number of sheep.	Number of fleeces.	Weight (pounds).	Value.	Farms reporting.	Number of fleeces.	Weight (pounds).	Value.
United States	**458,311**	**35,336,830**	**241,882,318**	**$54,964,020**	**423,580**	**31,636,132**	**33,840,587**	**232,357,186**	**$52,708,093**	**34,731**	**1,487,243**	**9,525,132**	**$2,255,927**
GEOGRAPHIC DIVISIONS:													
New England	16,565	298,362	1,867,190	533,823	15,038	264,889	277,399	1,737,667	498,277	1,527	20,963	129,523	35,546
Middle Atlantic	42,771	1,197,730	7,882,029	2,300,428	39,205	1,098,357	1,126,133	7,425,717	2,172,880	3,566	71,597	456,312	127,548
East North Central	178,768	6,110,086	43,759,703	12,833,465	166,425	5,512,231	5,726,750	41,136,838	12,095,074	12,343	383,336	2,622,865	738,391
West North Central	72,959	2,828,460	19,341,123	4,817,062	66,072	2,519,677	2,561,904	17,637,607	4,397,978	6,887	266,556	1,703,516	419,084
South Atlantic	58,737	1,335,639	5,782,461	1,096,966	54,896	1,270,637	1,274,292	5,518,651	1,620,620	3,841	61,347	263,810	76,346
East South Central	60,992	1,217,989	4,791,097	1,287,379	56,279	1,108,185	1,144,184	4,494,539	1,210,591	4,713	73,805	296,558	76,788
West South Central	11,062	1,854,732	9,190,459	1,978,688	10,290	1,282,979	1,781,254	8,844,482	1,902,296	772	73,478	345,977	76,392
Mountain	8,218	16,074,406	117,553,632	23,595,130	7,769	15,369,378	15,692,354	114,961,977	23,086,812	449	382,052	2,591,655	508,318
Pacific	8,239	4,419,426	31,714,624	5,921,079	7,606	3,209,799	4,265,317	30,599,708	5,723,565	633	154,109	1,114,916	197,514
NEW ENGLAND:													
Maine	9,573	150,462	904,714	253,568	8,643	131,930	138,548	833,832	234,129	930	11,914	70,882	19,439
New Hampshire	1,671	29,124	184,664	50,652	1,506	25,487	26,953	171,148	46,937	165	2,171	13,516	3,715
Vermont	4,035	85,070	586,508	178,929	3,696	74,529	80,144	552,803	169,627	339	4,926	33,765	9,302
Massachusetts	716	19,235	113,756	29,916	657	18,938	18,077	106,706	28,091	59	1,158	7,050	1,825
Rhode Island	137	3,587	19,738	5,605	130	3,315	3,431	18,923	5,387	7	156	815	218
Connecticut	433	10,884	57,750	15,153	406	10,690	10,246	54,255	14,106	27	638	3,495	1,047
MIDDLE ATLANTIC:													
New York	20,707	573,611	3,934,198	1,080,318	19,053	527,077	535,884	3,683,342	1,012,073	1,654	37,727	250,856	68,245
New Jersey	587	13,321	77,854	18,523	557	13,236	12,720	74,653	17,718	30	601	3,201	805
Pennsylvania	21,477	610,798	3,869,977	1,201,587	19,595	558,044	577,529	3,667,722	1,143,089	1,882	33,269	202,255	58,498
EAST NORTH CENTRAL:													
Ohio	58,580	2,804,655	19,778,508	6,147,806	55,123	2,516,514	2,676,105	18,881,722	5,876,473	3,457	128,550	896,786	271,333
Indiana	28,610	652,484	4,436,330	1,263,126	25,866	608,129	587,174	4,012,174	1,147,438	2,744	65,310	424,156	115,688
Illinois	17,714	560,654	4,051,170	1,058,609	15,961	477,603	494,904	3,605,776	942,332	1,753	65,750	445,394	116,277
Michigan	49,044	1,505,258	11,231,700	3,213,946	45,860	1,372,804	1,417,862	10,630,158	3,045,746	3,184	87,396	601,542	168,200
Wisconsin	24,820	587,035	4,261,995	1,149,978	23,615	537,181	550,705	4,007,008	1,083,085	1,205	36,350	254,987	66,893
WEST NORTH CENTRAL:													
Minnesota	17,710	387,599	2,775,947	693,971	16,838	363,503	364,719	2,620,736	656,829	872	22,880	155,211	37,142
Iowa	13,884	586,089	4,376,678	1,125,307	12,702	562,707	533,156	4,008,588	1,033,235	1,182	52,933	368,090	92,072
Missouri	33,559	968,321	6,190,773	1,636,141	29,291	829,508	846,090	5,457,195	1,446,979	4,268	122,231	733,578	189,162
North Dakota	1,879	192,614	1,230,585	280,073	1,783	162,503	176,431	1,129,244	257,067	96	16,183	101,341	23,006
South Dakota	3,032	406,883	2,767,705	652,249	2,824	360,603	380,789	2,589,685	609,601	208	26,094	178,020	42,648
Nebraska	1,378	190,054	1,327,452	281,688	1,261	135,343	175,163	1,227,281	261,040	117	14,891	100,171	20,948
Kansas	1,517	96,900	671,983	147,633	1,373	105,450	85,556	604,878	132,627	144	11,344	67,105	15,006
SOUTH ATLANTIC:													
Delaware	107	1,976	11,813	3,176	101	2,604	1,858	11,241	3,023	6	118	572	153
Maryland	5,002	104,136	601,507	170,257	4,792	104,001	100,558	581,017	164,678	210	3,578	20,490	5,579
District of Columbia													
Virginia	17,167	378,112	1,694,520	493,305	15,942	365,139	359,292	1,612,345	469,730	1,225	18,820	82,175	23,575
West Virginia	21,601	508,605	2,472,803	762,247	20,084	489,194	481,552	2,346,077	724,409	1,517	27,053	126,126	37,838
North Carolina	10,565	129,143	405,045	107,279	9,879	109,034	122,844	384,450	101,759	686	6,299	20,595	5,520
South Carolina	849	17,321	53,439	12,581	813	16,676	16,820	51,844	12,201	36	501	1,595	380
Georgia	3,065	119,098	307,202	84,551	2,918	107,344	115,888	299,753	82,563	147	3,210	7,449	1,988
Florida	381	77,248	236,132	63,570	367	76,645	75,480	231,324	62,257	14	1,768	4,808	1,313
EAST SOUTH CENTRAL:													
Kentucky	32,942	627,586	2,726,968	768,830	30,197	575,613	586,992	2,551,108	720,740	2,745	40,594	175,800	48,090
Tennessee	21,345	394,037	1,475,841	369,751	19,663	348,940	367,964	1,375,598	346,063	1,682	26,073	100,243	23,688
Alabama	3,706	86,373	244,042	61,478	3,542	74,571	82,039	232,289	58,555	164	4,334	11,753	2,923
Mississippi	2,999	109,993	344,246	87,320	2,877	109,061	107,189	335,484	85,233	122	2,804	8,762	2,087
WEST SOUTH CENTRAL:													
Arkansas	4,883	73,576	274,675	62,382	4,469	63,629	66,794	248,457	56,725	414	6,782	26,218	5,657
Louisiana	1,639	106,521	342,052	77,508	1,586	101,621	100,656	323,057	72,527	53	5,865	18,995	4,981
Oklahoma	371	33,219	201,978	39,709	319	29,129	27,697	167,848	32,877	52	5,522	34,130	6,832
Texas	4,169	1,641,416	8,371,754	1,799,089	3,916	1,088,600	1,586,107	8,105,120	1,740,167	253	55,309	266,634	58,922
MOUNTAIN:													
Montana	1,127	3,727,031	29,683,836	6,469,608	1,077	3,779,015	3,599,896	28,700,921	6,265,872	50	127,135	982,915	203,736
Idaho	1,197	1,755,304	12,792,371	2,609,125	1,111	1,596,020	1,702,082	12,385,950	2,529,816	86	53,222	406,421	79,309
Wyoming	998	4,285,165	35,840,765	7,458,306	955	4,003,999	4,243,932	35,528,939	7,393,679	43	41,233	311,826	64,627
Colorado	769	1,011,185	6,081,465	1,172,666	704	1,002,433	962,577	5,807,019	1,119,451	65	48,608	274,446	53,215
New Mexico	1,969	2,360,783	12,900,251	2,376,567	1,862	2,153,523	2,300,663	12,641,523	2,329,813	107	60,120	258,728	46,754
Arizona	680	713,905	4,277,873	764,518	667	705,782	707,391	4,237,926	757,496	13	6,514	39,947	7,022
Utah	1,330	1,497,211	10,877,323	1,879,981	1,249	1,460,543	1,453,711	10,578,681	1,830,237	81	43,500	298,642	49,744
Nevada	148	723,822	5,099,748	864,359	144	668,063	722,102	5,081,018	860,448	4	1,720	18,730	3,911
PACIFIC:													
Washington	1,280	283,663	2,738,628	469,793	1,127	242,515	264,839	2,575,217	440,825	103	18,824	163,411	28,968
Oregon	4,773	1,860,374	16,459,722	3,306,179	4,367	1,656,481	1,798,057	15,937,557	3,199,648	406	62,317	522,165	106,531
California	2,236	2,275,389	12,516,274	2,145,107	2,112	1,310,803	2,202,421	12,086,934	2,083,092	124	72,968	429,340	82,015

WOOL—FARMS REPORTING SHEEP, NUMBER OF SHEEP OF SHEARING AGE IN 1910 AND 1900, AND NUMBER OF

[A minus sign (—) denotes decrease.]

	Table 29 DIVISION OR STATE.	FARMS REPORTING SHEEP OF ANY AGE.				NUMBER OF SHEEP OF SHEARING AGE.[1]		NUMBER OF FLEECES (INCLUDING ESTIMATES).			
		1910 (April 15)	1900 (June 1)	Increase. Number.	Increase. Per cent.	1910 (April 15)	1900 (June 1)	1909	1899	Increase. Number.	Increase. Per cent.
1	**United States**	**610,894**	**763,518**	**—152,624**	**—20.0**	**39,044,046**	**39,852,967**	**42,320,580**	**43,999,229**	**—1,678,649**	**—3.8**
	GEOGRAPHIC DIVISIONS:										
2	New England	20,340	34,134	—13,794	—40.4	306,443	563,217	320,647	582,841	—262,194	—45.0
3	Middle Atlantic	51,168	86,243	—35,075	—40.7	1,260,455	1,970,362	1,292,189	2,069,040	—776,851	—37.5
4	East North Central	220,914	257,504	—36,590	—14.2	6,534,854	6,900,190	6,780,541	7,364,216	—583,675	—7.9
5	West North Central	105,482	101,065	4,417	4.4	3,524,749	3,155,531	3,588,936	3,403,407	185,529	5.5
6	South Atlantic	76,446	106,420	—29,974	—28.2	1,552,698	1,706,199	1,560,105	1,794,984	—234,879	—13.1
7	East South Central	88,039	121,132	—33,093	—27.3	1,513,833	1,489,730	1,563,103	1,652,934	—89,831	—5.4
8	West South Central	19,809	31,262	—11,453	—36.6	1,662,445	1,839,118	2,293,160	2,468,717	—175,557	—7.1
9	Mountain	16,328	12,653	3,675	29.0	19,509,675	17,984,275	19,910,938	19,064,726	846,212	4.4
10	Pacific	12,368	13,105	—737	—5.6	3,778,894	4,244,345	5,010,961	5,598,364	—587,403	—10.5
	NEW ENGLAND:										
11	Maine	11,060	18,361	—7,301	—39.8	149,934	252,213	157,455	258,300	—100,845	—39.0
12	New Hampshire	2,236	4,202	—1,966	—46.8	31,201	65,318	32,996	67,438	—34,442	—51.1
13	Vermont	5,033	8,533	—3,500	—41.0	84,360	182,167	90,716	191,884	—101,168	—52.7
14	Massachusetts	1,028	1,447	—419	—29.0	22,699	33,869	21,667	35,067	—13,400	—38.2
15	Rhode Island	242	333	—91	—27.3	4,206	6,629	4,353	6,828	—2,475	—36.2
16	Connecticut	741	1,258	—517	—41.1	14,043	23,021	13,460	23,324	—9,864	—42.3
	MIDDLE ATLANTIC:										
17	New York	24,854	40,625	—15,771	—38.8	606,119	984,516	616,247	1,038,428	—422,181	—40.7
18	New Jersey	878	1,561	—683	—43.8	16,795	20,363	16,140	28,353	—12,213	—43.1
19	Pennsylvania	25,436	44,057	—18,621	—42.3	637,541	950,483	659,802	1,002,259	—342,457	—34.2
	EAST NORTH CENTRAL:										
20	Ohio	71,556	73,636	—2,080	—2.8	2,890,103	2,648,250	3,073,450	2,897,604	175,846	6.1
21	Indiana	38,191	48,046	—9,855	—20.5	812,427	1,010,648	784,432	1,052,753	—268,321	—25.5
22	Illinois	26,262	25,422	840	3.3	658,484	629,150	682,337	674,625	7,712	1.1
23	Michigan	54,865	63,339	—8,474	—13.4	1,545,241	1,625,930	1,595,959	1,734,228	—138,269	—8.0
24	Wisconsin	30,040	47,061	—17,021	—36.2	628,599	986,212	644,363	1,005,006	—360,643	—35.9
	WEST NORTH CENTRAL:										
25	Minnesota	24,565	28,050	—3,491	—12.4	452,071	359,328	453,583	376,009	77,574	20.6
26	Iowa	21,810	18,788	3,022	16.1	769,917	657,808	729,484	715,334	14,150	2.0
27	Missouri	44,081	38,013	6,068	16.0	1,116,189	663,703	1,138,502	679,442	459,060	67.6
28	North Dakota	3,671	4,957	—1,286	—25.9	241,392	451,437	261,985	469,831	—207,846	—44.2
29	South Dakota	5,159	6,392	—1,233	—19.3	501,041	507,338	529,088	520,219	8,869	1.7
30	Nebraska	3,043	2,764	279	10.1	240,116	335,950	310,762	410,975	—100,213	—24.4
31	Kansas	3,153	2,095	1,058	50.5	204,023	179,907	165,532	231,597	—66,065	—28.5
	SOUTH ATLANTIC:										
32	Delaware	266	466	—200	—42.9	4,415	6,964	3,150	7,021	—3,871	—55.1
33	Maryland	6,228	6,339	—111	—1.8	126,251	111,520	122,071	113,598	8,473	7.5
34	District of Columbia										
35	Virginia	21,514	24,732	—3,218	—13.0	438,719	392,125	431,694	399,113	32,581	8.2
36	West Virginia	26,179	30,266	—4,087	—13.5	566,952	572,739	558,095	587,381	—29,286	—5.0
37	North Carolina	14,710	28,941	—14,231	—49.2	140,070	208,812	157,811	240,189	—82,378	—34.3
38	South Carolina	1,731	3,921	—2,190	—55.9	27,926	52,436	28,167	55,233	—27,066	—49.0
39	Georgia	5,167	10,891	—5,724	—52.6	153,250	258,894	165,448	282,628	—117,180	—41.5
40	Florida	651	864	—213	—24.7	95,115	102,709	93,669	109,821	—16,152	—14.7
	EAST SOUTH CENTRAL:										
41	Kentucky	45,697	50,835	—5,138	—10.1	778,154	716,158	793,537	755,172	38,365	5.1
42	Tennessee	29,087	37,905	—7,918	—20.9	470,337	307,804	495,979	346,715	149,264	43.1
43	Alabama	6,628	17,962	—11,334	—63.1	109,112	229,298	120,039	299,118	—179,079	—59.9
44	Mississippi	5,727	14,430	—8,703	—60.3	156,230	236,470	153,548	251,929	—98,381	—39.1
	WEST SOUTH CENTRAL:										
45	Arkansas	8,397	18,302	—9,905	—54.1	96,517	168,761	101,318	194,726	—93,408	—48.0
46	Louisiana	3,656	5,740	—2,084	—36.3	139,308	169,234	137,985	171,269	—33,284	—19.4
47	Oklahoma	880	[2] 804	76	9.5	48,896	[2] 61,183	46,492	[2] 64,187	—17,695	—27.6
48	Texas	6,876	6,416	460	7.2	1,377,724	1,439,940	2,007,365	2,038,535	—31,170	—1.5
	MOUNTAIN:										
49	Montana	2,252	1,481	771	52.1	4,959,835	4,215,214	4,724,747	4,348,568	376,179	8.7
50	Idaho	2,932	1,936	996	51.4	2,110,330	1,965,467	2,250,570	2,183,100	67,470	3.1
51	Wyoming	1,643	1,076	567	52.7	4,826,505	3,327,185	5,115,789	3,390,571	1,725,218	50.9
52	Colorado	1,794	1,255	539	42.9	1,305,596	1,352,823	1,253,686	1,390,400	—136,714	—9.8
53	New Mexico	3,378	2,504	874	34.9	2,894,984	3,333,743	3,092,784	3,659,417	—566,633	—15.5
54	Arizona	1,027	602	1,025	170.3	916,600	668,458	918,690	791,361	127,329	16.1
55	Utah	2,388	3,544	—1,156	—32.6	1,670,890	2,553,134	1,663,074	2,676,763	—1,013,689	—37.9
56	Nevada	314	255	59	23.1	824,875	568,251	891,598	624,546	267,052	42.8
	PACIFIC:										
57	Washington	2,155	2,793	—638	—22.8	295,264	558,022	322,444	576,555	—254,111	—44.1
58	Oregon	6,356	6,696	—340	—5.1	1,958,342	1,961,355	2,125,717	2,139,504	—13,787	—0.6
59	California	3,857	3,616	241	6.7	1,525,288	1,724,968	2,562,800	2,882,305	—319,505	—11.1

[1] For 1910 the figures represent sheep born before Jan. 1, 1910; for 1900, sheep 1 year old and over on June 1, 1900.

FLEECES AND WEIGHT AND VALUE OF WOOL, WITH AVERAGES, 1909 AND 1899, BY DIVISIONS AND STATES.

[A minus sign (−) denotes decrease.]

	WEIGHT OF WOOL—POUNDS (INCLUDING ESTIMATES).				VALUE OF WOOL (INCLUDING ESTIMATES).				AVERAGE WEIGHT PER FLEECE (POUNDS).		AVERAGE VALUE PER FLEECE.		AVERAGE VALUE PER POUND.	
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	1909	1899	1909	1899
			Amount.	Per cent.			Amount.	Per cent.						
1	289,419,977	276,567,584	12,852,393	4.6	$65,472,328	$45,670,053	$19,802,275	43.4	6.8	6.3	$1.55	$1.04	$0.23	$0.17
2	2,006,040	3,557,230	−1,551,190	−43.6	574,577	743,221	−168,644	−22.7	6.3	6.1	1.79	1.28	0.29	0.21
3	8,520,646	13,553,019	−5,032,373	−37.1	2,492,257	2,800,924	−308,667	−11.0	6.6	6.6	1.93	1.35	0.29	0.21
4	48,670,564	51,469,641	−2,799,077	−5.4	14,276,742	10,673,192	3,603,550	33.8	7.2	7.0	2.11	1.45	0.29	0.21
5	24,709,945	22,439,475	2,270,470	10.1	6,127,159	3,979,145	2,148,014	54.0	6.9	6.6	1.71	1.17	0.25	0.18
6	6,677,028	7,892,212	−1,215,184	−15.4	1,955,262	1,599,937	355,325	22.2	4.3	4.4	1.25	0.89	0.29	0.20
7	6,123,485	6,536,376	−412,891	−6.3	1,648,579	1,296,684	351,895	27.1	3.9	4.0	1.05	0.78	0.27	0.20
8	11,359,271	11,151,253	208,018	1.9	2,442,998	1,682,610	760,388	45.2	5.0	4.5	1.07	0.68	0.22	0.15
9	145,311,085	122,670,135	22,640,950	18.5	29,211,379	18,171,536	11,039,843	60.8	7.3	6.4	1.47	0.95	0.20	0.15
10	36,041,913	37,298,243	−1,256,330	−3.4	6,743,375	4,722,804	2,020,571	42.8	7.2	6.7	1.35	0.84	0.19	0.13
11	947,622	1,478,018	−530,396	−35.9	266,080	318,585	−52,505	−16.5	6.0	5.7	1.69	1.23	0.28	0.22
12	209,518	409,465	−199,947	−48.8	57,460	84,103	−26,643	−31.7	6.3	6.1	1.74	1.25	0.27	0.21
13	625,722	1,334,253	−708,531	−53.1	192,002	268,967	−76,965	−28.6	6.9	7.0	2.12	1.40	0.31	0.20
14	127,897	195,876	−67,979	−34.7	33,670	40,291	−6,621	−16.4	5.9	5.6	1.55	1.15	0.26	0.21
15	24,009	35,180	−11,171	−31.8	6,835	8,741	−1,906	−21.8	5.5	5.2	1.57	1.28	0.28	0.25
16	71,272	104,438	−33,166	−31.8	18,530	22,534	−4,004	−17.8	5.3	4.5	1.38	0.97	0.26	0.22
17	4,235,707	6,674,165	−2,438,458	−36.5	1,163,846	1,387,969	−224,123	−16.1	6.9	6.4	1.89	1.34	0.27	0.21
18	94,726	146,628	−51,902	−35.4	22,482	31,266	−8,784	−28.1	5.9	5.2	1.39	1.10	0.24	0.21
19	4,190,213	6,732,226	−2,542,013	−37.8	1,305,929	1,381,689	−75,760	−5.5	6.4	6.7	1.98	1.38	0.31	0.21
20	21,685,258	20,350,721	1,334,537	6.6	6,749,005	4,299,025	2,449,980	57.0	7.1	7.0	2.20	1.48	0.31	0.21
21	5,360,044	6,891,601	−1,531,557	−22.2	1,532,914	1,491,743	41,171	2.8	6.8	6.5	1.95	1.42	0.29	0.22
22	4,971,380	4,799,742	171,638	3.6	1,299,218	966,746	332,472	34.4	7.3	7.1	1.90	1.43	0.26	0.20
23	11,965,405	12,202,844	−237,439	−1.9	3,428,320	2,454,399	973,921	39.7	7.5	7.0	2.15	1.42	0.29	0.20
24	4,688,477	7,224,733	−2,536,256	−35.1	1,267,285	1,461,279	−193,994	−13.3	7.3	7.2	1.97	1.45	0.27	0.20
25	3,259,282	2,612,737	646,545	24.7	816,866	460,305	356,561	77.5	7.2	6.9	1.80	1.22	0.25	0.18
26	5,484,702	5,015,965	468,737	9.3	1,413,711	992,334	421,377	42.5	7.5	7.0	1.94	1.39	0.26	0.20
27	7,343,222	4,145,137	3,198,085	77.2	1,947,060	822,871	1,124,189	136.6	6.4	6.1	1.71	1.21	0.27	0.20
28	1,676,830	3,030,478	−1,353,648	−44.7	381,722	503,744	−122,022	−24.2	6.4	6.4	1.46	1.07	0.23	0.17
29	3,598,246	3,246,945	351,301	10.8	847,012	525,652	321,360	61.1	6.8	6.2	1.60	1.01	0.24	0.16
30	2,177,355	2,788,839	−611,484	−21.9	464,183	426,344	37,839	8.9	7.0	6.8	1.49	1.04	0.21	0.15
31	1,170,308	1,599,374	−429,066	−26.8	256,605	247,895	8,710	3.5	7.1	6.9	1.55	1.07	0.22	0.15
32	19,059	32,350	−13,291	−41.1	5,125	6,618	−1,493	−22.6	6.1	4.6	1.66	0.94	0.27	0.20
33	705,320	632,119	73,201	11.6	199,909	142,966	56,943	39.8	5.8	5.6	1.64	1.26	0.28	0.23
34														
35	1,937,252	2,020,735	−83,483	−4.1	564,386	409,602	154,784	37.8	4.5	5.1	1.31	1.03	0.29	0.20
36	2,719,684	3,123,455	−403,771	−12.9	839,555	636,012	203,543	32.0	4.9	5.3	1.50	1.08	0.31	0.20
37	493,882	797,176	−303,294	−38.0	130,724	150,510	−19,786	−13.1	3.1	3.3	0.83	0.63	0.26	0.19
38	86,819	175,290	−88,471	−50.5	20,432	31,537	−11,105	−35.2	3.1	3.2	0.73	0.57	0.24	0.18
39	427,943	777,189	−349,246	−44.9	117,871	155,811	−37,940	−24.4	2.6	2.7	0.71	0.55	0.28	0.20
40	287,069	333,898	−46,829	−14.0	77,260	66,881	10,379	15.5	3.1	3.0	0.82	0.61	0.27	0.20
41	3,448,848	3,617,497	−168,649	−4.7	974,347	737,632	236,715	32.1	4.3	4.8	1.23	0.98	0.28	0.20
42	1,854,172	1,395,295	458,877	32.9	466,459	263,351	203,108	77.1	3.7	4.0	0.94	0.76	0.25	0.19
43	339,884	744,274	−404,390	−54.3	85,677	150,943	−65,266	−43.2	2.8	2.5	0.71	0.50	0.25	0.20
44	480,581	779,310	−298,729	−38.3	122,096	144,758	−22,662	−15.7	3.1	3.1	0.80	0.57	0.25	0.19
45	376,877	636,474	−259,597	−40.8	86,045	118,922	−32,877	−27.6	3.7	3.3	0.85	0.61	0.23	0.19
46	442,865	547,641	−104,776	−19.1	99,424	90,317	9,107	10.1	3.2	3.2	0.72	0.53	0.22	0.16
47	281,750	[2] 329,136	−47,386	−14.4	55,187	[2] 45,249	9,938	22.0	6.1	5.1	1.19	0.70	0.20	0.14
48	10,257,779	9,638,002	619,777	6.4	2,202,342	1,428,122	774,220	54.2	5.1	4.7	1.10	0.70	0.21	0.15
49	37,669,031	30,437,829	7,231,202	23.8	8,223,754	5,136,658	3,087,096	60.1	8.0	7.0	1.74	1.18	0.22	0.17
50	16,377,265	15,474,447	902,818	5.8	3,345,037	2,210,790	1,134,247	51.3	7.3	7.1	1.49	1.01	0.20	0.14
51	42,827,866	27,758,309	15,069,557	54.3	8,912,608	4,036,227	4,876,381	120.8	8.4	8.2	1.74	1.19	0.21	0.15
52	7,563,219	8,543,937	−980,718	−11.5	1,458,003	1,115,331	342,672	30.7	6.0	6.1	1.16	0.80	0.19	0.13
53	16,994,017	15,209,199	1,784,818	11.7	3,131,971	1,954,171	1,177,800	60.3	5.5	4.2	1.01	0.53	0.18	0.13
54	5,503,800	3,352,937	2,150,863	64.1	983,761	426,318	557,443	130.8	6.0	4.2	1.07	0.54	0.18	0.13
55	12,102,220	17,050,977	−4,948,757	−29.0	2,093,827	2,599,638	−505,811	−19.5	7.3	6.4	1.26	0.97	0.17	0.15
56	6,273,667	4,842,500	1,431,167	29.6	1,062,418	692,403	370,015	53.4	7.0	7.8	1.19	1.11	0.17	0.14
57	3,135,348	5,268,088	−2,132,740	−40.5	536,708	618,975	−82,267	−13.3	9.7	9.1	1.66	1.07	0.17	0.12
58	18,841,862	18,349,660	492,202	2.7	3,782,721	2,396,741	1,385,980	57.8	8.9	8.6	1.78	1.12	0.20	0.13
59	14,064,703	13,680,495	384,208	2.8	2,423,946	1,707,088	716,858	42.0	5.5	4.7	0.95	0.59	0.17	0.12

[2] Includes Indian Territory.

MOHAIR—NUMBER OF GOATS, AND NUMBER, WEIGHT, AND VALUE OF FLEECES, BY DIVISIONS AND STATES.

Table 30

DIVISION OR STATE.	FARMS REPORTING GOATS AND KIDS.		NUMBER OF GOATS AND KIDS.		MOHAIR PRODUCED.							
					Farms reporting.		Number of fleeces.		Weight (pounds).		Value.	
	1910 (April 15)	1900 (June 1)	1910 (April 15)	1900 (June 1)	1909	1899	1909	1899	1909	1899	1909	1899
United States	82,755	77,515	2,915,125	1,870,599	9,186	4,081	1,682,912	454,932	3,778,706	961,328	$901,597	$267,864
GEOGRAPHIC DIVISIONS:												
New England	660	406	3,195	2,179	123	18	1,298	750	4,445	1,749	1,275	611
Middle Atlantic	1,821	1,539	7,588	4,212	207	25	2,668	413	8,797	1,103	2,834	397
East North Central	6,230	5,256	35,050	25,536	664	118	9,825	2,004	35,044	6,476	9,680	1,709
West North Central	9,894	8,136	113,215	94,500	1,493	567	38,173	19,230	116,057	51,619	20,806	15,518
South Atlantic	17,026	19,101	211,101	205,289	323	52	7,172	676	21,009	1,718	6,980	501
East South Central	17,278	10,871	198,647	210,652	385	158	5,223	1,062	13,241	2,747	3,685	815
West South Central	17,717	15,046	1,276,231	731,781	1,870	680	1,084,893	194,930	2,016,736	278,411	472,315	78,370
Mountain	5,854	4,238	737,644	374,892	506	230	284,784	81,297	738,226	175,955	184,305	48,818
Pacific	6,275	3,922	332,445	231,558	3,606	2,233	248,876	154,570	825,151	441,550	193,717	121,125
NEW ENGLAND:												
Maine	147	70	582	279	39	3	168	24	639	105	207	21
New Hampshire	96	61	495	208	22	2	180	10	629	44	191	13
Vermont	69	41	261	102	14	1	97	1	471	5	136	2
Massachusetts	201	145	1,251	1,254	35	4	536	529	1,695	1,120	509	396
Rhode Island	49	16	106	23	1	1	1	3	2	10	1	2
Connecticut	98	73	500	313	12	7	316	183	1,009	465	231	177
MIDDLE ATLANTIC:												
New York	719	576	3,475	1,316	74	12	1,598	134	5,412	383	1,742	155
New Jersey	157	200	574	699	7	.....	53	.....	187	.....	56	.....
Pennsylvania	945	763	3,539	2,197	126	13	1,017	279	3,198	720	1,036	242
EAST NORTH CENTRAL:												
Ohio	918	1,025	5,379	5,432	133	14	1,024	95	5,840	469	1,684	112
Indiana	1,723	1,518	7,290	4,484	119	32	1,421	276	4,472	867	1,194	282
Illinois	2,040	1,642	12,435	8,877	184	37	4,117	953	14,922	2,793	4,008	751
Michigan	686	537	5,080	2,861	117	20	1,559	497	5,677	1,833	1,712	419
Wisconsin	863	534	4,875	3,882	111	15	1,104	183	4,133	514	1,082	145
WEST NORTH CENTRAL:												
Minnesota	784	498	4,588	3,821	131	19	1,952	350	6,929	556	1,987	180
Iowa	2,400	3,007	20,664	41,408	266	248	8,703	10,760	29,206	28,080	7,261	8,607
Missouri	3,947	2,754	72,415	24,487	858	185	24,061	3,861	66,684	10,203	14,338	2,798
North Dakota	294	142	1,074	1,122	36	14	118	329	470	1,220	133	448
South Dakota	660	252	2,337	2,915	54	15	399	660	1,538	1,693	390	683
Nebraska	892	488	3,290	2,399	53	42	629	1,696	2,425	5,801	602	1,725
Kansas	917	995	8,847	18,288	95	44	2,311	1,574	8,805	4,066	2,095	1,077
SOUTH ATLANTIC:												
Delaware	35	43	88	143	1	.....	70	.....	210	.....	52	.....
Maryland	198	227	1,182	1,179	27	.....	465	.....	1,570	.....	474	.....
District of Columbia	.....	6	.....	9	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	738	1,004	7,327	5,305	79	8	2,614	139	8,047	343	2,913	113
West Virginia	385	219	5,748	847	117	4	3,248	73	8,991	140	2,699	43
North Carolina	4,247	5,089	35,019	42,901	56	15	335	127	1,020	416	469	96
South Carolina	3,175	3,043	24,750	26,576	11	6	196	30	486	73	128	26
Georgia	6,301	6,716	80,616	84,624	25	17	198	299	520	726	177	215
Florida	1,947	2,154	47,371	43,705	7	2	46	8	165	20	68	8
EAST SOUTH CENTRAL:												
Kentucky	2,713	2,144	29,869	11,967	198	37	2,907	168	7,702	524	2,038	163
Tennessee	4,859	3,663	43,500	25,884	115	72	1,342	572	3,428	1,486	1,053	428
Alabama	5,667	8,633	79,347	117,413	36	33	383	237	808	469	238	140
Mississippi	4,039	5,431	45,871	55,388	36	16	531	85	1,303	268	356	84
WEST SOUTH CENTRAL:												
Arkansas	4,790	4,571	58,204	51,839	194	74	3,118	700	7,265	1,763	1,516	487
Louisiana	3,554	2,723	57,102	38,308	12	5	538	118	1,044	385	226	92
Oklahoma	1,436	[1] 1,010	25,591	[1] 14,301	129	[1] 33	3,774	[1] 582	10,503	[1] 1,453	2,354	[1] 313
Texas	7,937	6,742	1,135,244	627,333	1,544	568	1,077,463	193,530	1,997,924	274,810	468,219	77,478
MOUNTAIN:												
Montana	176	61	5,045	1,713	38	12	2,357	1,254	8,328	2,750	2,056	824
Idaho	98	68	5,719	4,481	35	22	2,835	3,473	16,412	11,688	4,384	3,989
Wyoming	72	47	2,739	2,666	13	11	2,729	2,427	14,238	8,100	3,868	2,412
Colorado	959	620	31,611	37,433	40	24	2,547	814	7,894	1,843	2,024	550
New Mexico	3,440	2,874	412,050	224,136	237	99	155,980	55,765	394,895	113,545	96,158	29,917
Arizona	911	436	246,617	98,403	114	43	103,226	13,874	246,032	27,030	63,120	7,326
Utah	134	93	29,014	1,427	21	13	13,040	187	44,708	409	11,240	128
Nevada	64	39	4,849	4,633	8	6	2,070	3,503	5,719	10,590	1,455	3,672
PACIFIC:												
Washington	417	165	8,621	2,876	164	55	5,154	1,335	19,120	4,000	4,666	1,097
Oregon	4,144	2,178	185,411	109,661	3,075	1,908	141,588	79,258	523,435	267,780	128,230	74,363
California	1,714	1,579	138,413	109,021	367	270	102,134	73,977	282,596	169,770	60,821	45,665

[1] Includes Indian Territory.

POULTRY AND EGGS.

THE UNITED STATES AS A WHOLE.

Introduction.—As in the case of wool, the reports of the enumerators as to the production of poultry and eggs in 1909 were somewhat incomplete, and it was deemed desirable to make estimates to cover the deficiencies, particularly in order to make the figures comparable with those for 1899, which include estimates. The same general policy was pursued as in the case of dairy products and wool—that is to say, the figures as reported were compiled and are published in the various tables which follow, but in addition columns are presented carrying estimates which are believed to be more nearly comparable with the statistics for 1899.

The reasons for the incompleteness of the reports are similar to those in the case of wool, set forth at some length in the section of this chapter pertaining to that product. The method of estimate used for poultry and eggs is, however, slightly different from that used in the case of wool, and theoretically is somewhat less correct. Instead of calculating the total production by applying to the total number of fowls the ratio between (1) the number of fowls on hand April 15, 1910, on farms reporting also the production of fowls or eggs in 1909, and (2) the total reported production of fowls or of eggs in 1909 *on such farms*, it was calculated from the ratio between (1) the number of fowls on hand April 15, 1910, on farms reporting also the production of fowls or eggs in 1909, and (2) the *total reported production* of fowls or eggs in 1909, which includes a small production on farms not reporting fowls on hand in 1910. The quantity produced on farms of the latter class was so insignificant as not to justify a separate tabulation.

Comparative statistics: 1909 and 1899.—Table 31 shows the actual returns of the number and value of eggs and poultry produced in 1909, with estimated totals for that year and for 1899. No estimates of the sales of eggs and poultry have been made for 1909, although this was done at the preceding census. It is probable that the reported figures for sales which are given in the table are less than the true totals, although perhaps not so far short as the reported production. The statistics given as to the number of fowls on hand include all classes of fowls for 1909, but do not include the small number of pigeons and peafowls for 1899. In figuring the increase in number of fowls these classes have been omitted from the 1909 total. Some of the classes of fowls do not lay eggs which are ordinarily used for food, but the great majority of all fowls reported are chickens (94.7 per cent in 1910).

The total number of farms which reported fowls on hand April 15, 1910, was 5,585,032, and the number of fowls was 295,880,000. Of these farms, however, the enumerators reported the production of eggs for only 4,833,759, the number of fowls on such farms being 273,256,000. The number of eggs reported as produced in 1909 (including those on the small number of farms, about 50,000, which reported eggs produced in 1909 but no fowls on hand in 1910) was 1,457,386,000 dozens. These returns may somewhat understate the production of eggs even on the farms to which they relate, since farmers seldom keep accurate reports of egg production and are apt to underestimate, particularly by underestimating the home consumption, but there is no means of judging the extent of the deficiency due to this cause.

Table 31

	Number of farms reporting.	Number of fowls on hand.	PRODUCT. Quantity.	PRODUCT. Value.
Fowls on farms April 15, 1910.	5,585,032	295,880,190		
On farms reporting eggs produced in 1909	4,833,759	273,256,924		
On other farms	751,273	22,624,266		
Eggs produced, as reported, 1909	4,883,507		*Dozens.* 1,457,385,772	$281,157,990
Total production of eggs (partly estimated):				
1909		295,880,190	1,591,311,371	306,688,960
1899		250,624,038	1,293,662,433	144,240,541
Increase, 1899–1909		142,518,700	297,648,938	162,448,419
Per cent of increase		17.0	23.0	112.6
Eggs sold, as reported, 1909	3,860,067		926,465,787	180,768,249
Fowls on farms April 15, 1910:				
On farms reporting poultry raised in 1909	4,761,774	270,540,564		
On other farms	823,258	25,339,626		
Poultry raised, as reported, 1909	4,832,496		*No. of fowls.* 445,650,124	185,390,856
Total poultry raised (partly estimated):				
1909		295,880,190	488,468,354	202,506,272
1899		250,624,038		136,830,152
Increase, 1899–1909		142,518,700		65,676,120
Per cent of increase		17.0		48.0
Fowls sold, as reported, 1909	3,038,932		153,600,169	75,273,724

[1] Excludes pigeons and peafowls.

It should be noted that no attempt was made to secure either a statement of the number of fowls not on farms—in cities, towns, and villages—or of the production of eggs or fowls except on farms. It is therefore impossible even to make an estimate of the total production of eggs or the total number of fowls raised during the year 1909 both on farms and elsewhere. All figures presented herewith pertain to the production on farms.

The table shows that in 1910, 22,624,000 fowls, or about 8 per cent of the total number, were reported by the 751,273 farms for which no report of eggs produced in 1909 was secured. Probably most of these farms had about the same number of fowls in 1909 as in 1910. An estimate may therefore be made, by the method described above, for all farms which reported fowls for 1910. The total production of eggs on the farms of the United States in 1909, as thus estimated, was 1,591,311,000 dozens. The production in 1899 (also partly estimated) was 1,293,662,000 dozens, the apparent increase during the decade being 23 per cent, or somewhat greater than the percentage of increase in the population of the country (21 per cent).

It will be observed that the percentage of increase in the production of eggs between 1899 and 1909 was considerably higher than the percentage of increase in the number of fowls between 1900 and 1910. This may be due wholly or partly to an increase in the average production of eggs per fowl, or it may be attributable in part to lack of comparability in the statistics.

As shown later, the difference between the percentage of increase for eggs and that for fowls in the country as a whole is due chiefly to the marked difference between these two percentages in the South.

The value of eggs produced in 1909 (including estimates) was $306,689,000, as compared with $144,241,000 in 1899, the increase being $162,448,000, or 112.6 per cent. The average value of eggs per dozen as reported by the farmers increased from 11.1 cents in 1899 to 19.3 cents in 1909.

Eggs were reported as sold by 3,860,067 farmers, or about three-fourths of the farmers who reported the production of eggs in 1909. The number sold by them, as reported, was 926,466,000 dozens, for which they received $180,768,000.

On the basis of similar estimates for farms with incomplete reports, the total number of fowls raised in 1909 (including those sold, killed, or on hand April 15, 1910) was 488,468,000 and their value was $202,506,000. The census of 1900 did not call for the number of fowls raised in 1899, but the value of the fowls raised in that year (including estimates) was given as $136,830,000, the increase during the decade amounting to $65,676,000, or 48 per cent. The number of fowls reported as sold in 1909 was 153,600,000, or about one-third of the number raised. For these the farmers received $75,274,000.

GEOGRAPHIC DIVISIONS, SECTIONS, AND STATES.

Farms reporting fowls and number of fowls reported: 1910 and 1900.—Table 32 shows, by geographic divisions and sections, the number of fowls on farms April 15, 1910, and June 1, 1900, together with the number of farms reporting. Figures are presented showing the number of farms reporting fowls in 1910 which also reported eggs produced in 1909 and the number of fowls on such farms. Corresponding statistics are shown for farms reporting fowls, and the number raised are also shown, together with certain percentages and averages in 1909. These data are given chiefly as a basis for the estimates of total production appearing in subsequent tables. Details by divisions and states are shown in Table 37.

Table 32

DIVISION OR SECTION.	FOWLS ON FARMS APRIL 15, 1910.												FOWLS ON FARMS JUNE 1, 1900.			
	Total.				On farms reporting eggs produced in 1909.				On farms reporting fowls raised in 1909.				Farms reporting.		Fowls.	
	Farms reporting.		Fowls.		Farms reporting.		Fowls.		Farms reporting.		Fowls.					
	Number.	Per ct. of all farms.	Number.	Av. per farm.	Number.	Per ct. of all farms.	Number.	Av. per farm.	Number.	Per ct. of all farms.	Number.	Av. per farm.	Number.	Per ct. of all farms.	Number.	Av. per farm.
United States	**5,585,032**	**87.8**	**295,880,190**	**53**	**4,833,759**	**76.0**	**273,255,924**	**57**	**4,761,774**	**74.9**	**270,540,564**	**57**	**5,095,280**	**38.8**	**250,624,038**	**49**
New England	150,643	79.8	7,078,636	47	135,310	71.7	6,029,735	49	127,114	67.3	6,439,950	51	158,688	82.7	6,606,246	42
Middle Atlantic	428,443	91.5	26,004,625	61	390,783	83.4	24,546,744	63	379,783	81.1	24,124,144	64	447,044	92.1	22,473,907	50
East North Central	1,045,736	93.1	71,941,382	69	959,187	85.4	68,126,004	71	941,238	83.8	67,634,087	72	1,053,922	92.8	61,558,039	58
West North Central	1,007,771	90.8	88,084,488	88	885,546	79.8	82,504,127	93	874,560	78.8	82,201,207	94	960,216	90.5	69,298,838	72
South Atlantic	971,758	87.4	27,858,203	29	843,904	75.9	25,771,773	31	840,235	75.6	25,512,240	30	850,074	88.3	24,472,713	29
East South Central	897,145	86.1	26,918,569	30	762,182	73.1	24,583,558	32	760,041	73.0	24,391,225	32	798,398	88.4	25,851,926	32
West South Central	808,267	85.7	31,501,890	39	645,347	68.4	27,476,494	43	637,835	67.6	27,089,614	42	642,917	85.2	30,170,335	47
Mountain	126,986	69.2	5,708,006	45	92,715	50.5	4,020,338	50	88,163	48.1	4,492,690	51	72,205	71.3	3,265,650	45
Pacific	148,283	78.1	10,183,722	69	118,725	62.5	8,991,151	76	112,205	59.1	8,655,407	77	111,816	79.0	6,926,384	62
The North	2,632,593	91.1	193,709,131	74	2,370,826	82.0	181,806,610	77	2,322,695	80.4	180,399,388	78	2,619,870	91.2	159,937,030	61
The South	2,677,170	86.4	86,278,731	32	2,251,493	72.7	77,831,825	35	2,238,711	72.3	76,993,079	34	2,291,389	87.4	80,494,974	35
The West	275,269	73.7	15,892,328	58	211,440	56.6	13,617,489	64	200,368	53.7	13,148,097	66	184,021	75.8	10,192,034	55
East of Mississippi	3,493,725	88.8	159,801,475	46	3,001,426	78.0	149,057,814	48	3,049,011	77.5	148,101,646	49	3,308,126	89.9	140,962,831	43
West of Mississippi	2,091,307	86.2	136,078,715	65	1,742,333	71.8	123,598,110	71	1,712,763	70.6	122,438,918	71	1,787,154	86.8	109,661,207	61

The relative number of farms reporting fowls varies greatly among the different divisions and sections. Thus in 1910 only 69.2 per cent of all farms reported fowls in the Mountain division, while 93.1 per cent reported fowls in the East North Central. Similar variations are found in the average number of fowls per farm, the highest average being in the West North Central, 88 fowls, and the lowest being in the South Atlantic, 29 fowls. Similar variations are also shown in the statistics for 1900.

There is a decidedly greater difference in the Mountain, West South Central, and Pacific divisions than elsewhere between the total number of farms reporting fowls in 1910 and the number of farms reporting fowls and at the same time reporting eggs produced in 1909 or fowls raised in 1909. In other words, the reports for these three geographic divisions are doubtless more deficient than those for other parts of the United States.

Fowls and eggs produced, and fowls and eggs sold: 1909.—Table 33 shows, by divisions and sections, the number of fowls raised in 1909, as reported, their value, and the number of farms reporting, with similar data for fowls sold, eggs produced, and eggs sold. It shows also the estimated total production of fowls and of eggs, and the estimated total value of each. Corresponding figures, by divisions and states, are given in Tables 38 and 39.

Table 33

FOWLS RAISED AND SOLD: 1909

DIVISION OR SECTION.	Raised.					Sold.		
	As reported.			Including estimates.				
	Farms reporting.	Number.	Value.	Number.	Value.	Farms reporting.	Number.	Amount received.
United States	**4,832,496**	**445,650,124**	**$185,390,856**	**488,468,354**	**$202,506,272**	**3,038,932**	**153,600,169**	**$75,273,524**
New England	135,278	10,143,637	6,712,323	11,139,439	7,361,038	86,243	5,156,345	3,657,885
Middle Atlantic	386,012	33,689,001	19,941,206	36,313,031	21,527,077	274,212	16,392,968	10,529,042
East North Central	950,627	96,463,041	45,152,966	102,496,192	47,972,887	713,322	38,497,611	20,104,214
West North Central	882,408	114,871,313	48,609,932	123,853,667	52,337,190	609,780	36,611,202	17,957,269
South Atlantic	854,310	64,779,963	22,427,518	70,792,154	24,413,963	499,193	20,774,474	8,377,958
East South Central	771,066	55,402,822	17,366,246	61,199,837	19,128,878	434,449	15,338,379	5,717,349
West South Central	647,003	50,796,202	15,187,413	59,066,127	17,681,375	313,521	12,727,015	4,389,435
Mountain	91,165	6,912,613	3,436,498	8,799,190	4,373,143	42,334	2,215,484	1,243,964
Pacific	114,627	12,592,432	6,556,754	14,808,717	7,710,731	65,878	5,886,691	3,296,408
The North	2,354,325	255,166,992	120,416,427	273,802,329	129,198,182	1,683,557	96,658,126	52,248,410
The South	2,272,379	170,978,087	54,981,177	191,058,118	61,224,216	1,247,163	48,839,868	18,484,742
The West	205,792	19,505,045	9,993,252	23,607,907	12,083,874	108,212	8,102,175	4,540,372
East of the Mississippi River	3,097,293	260,477,564	111,600,259	281,940,653	120,403,843	2,007,419	96,159,777	48,386,448
West of the Mississippi River	1,735,203	185,172,560	73,790,597	206,527,701	82,102,429	1,031,513	57,440,392	26,887,076

DOZENS OF EGGS PRODUCED AND SOLD: 1909

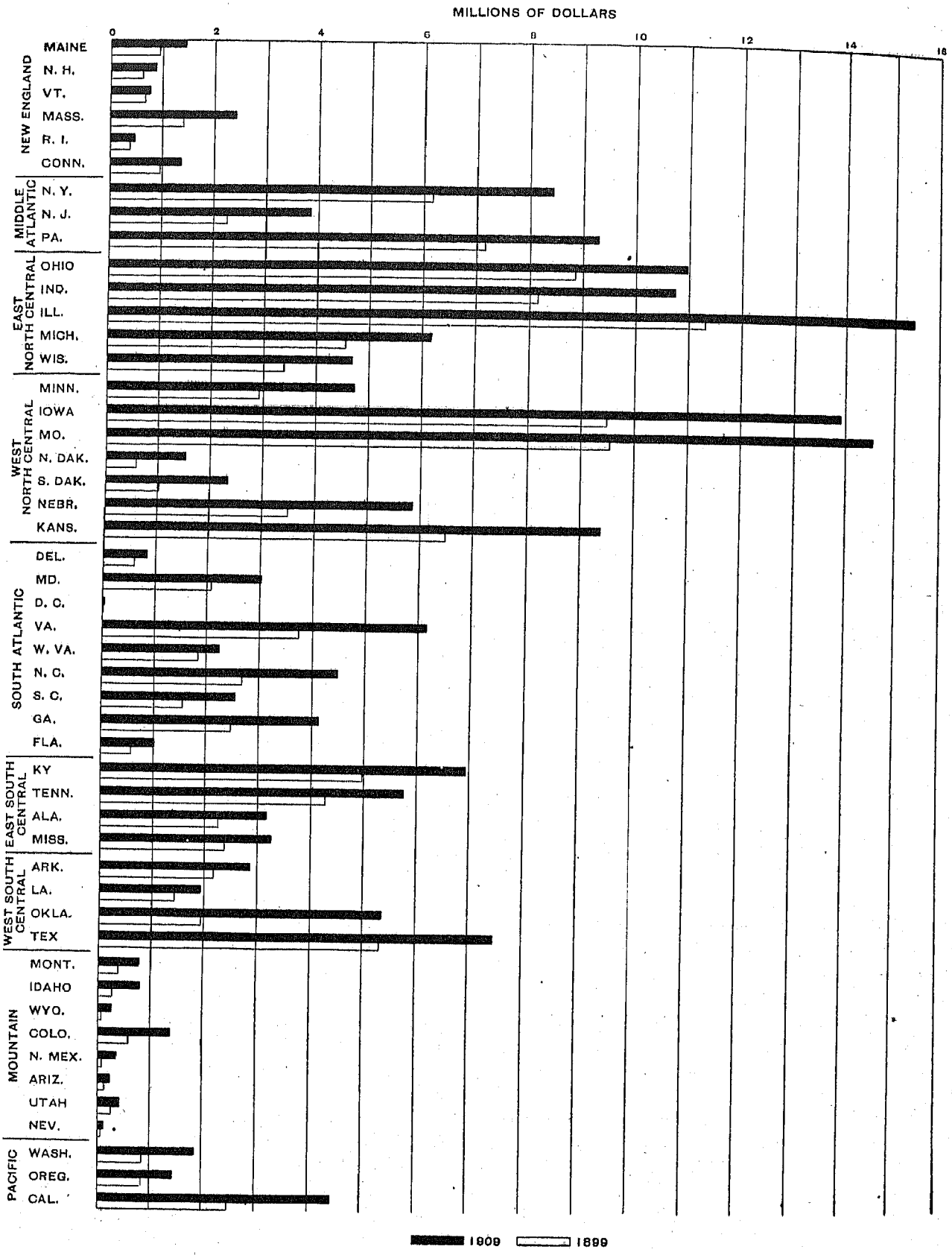
DIVISION OR SECTION.	Produced.					Sold.		
	As reported.			Including estimates.				
	Farms reporting.	Quantity (dozens).	Value.	Quantity (dozens).	Value.	Farms reporting.	Quantity (dozens).	Amount received.
United States	**4,883,507**	**1,457,385,772**	**$281,157,980**	**1,591,311,371**	**$306,688,960**	**3,860,067**	**926,465,787**	**$180,768,249**
New England	142,165	51,487,518	14,167,103	55,078,175	15,155,991	115,494	37,025,214	10,288,343
Middle Atlantic	396,012	152,222,031	35,242,048	161,921,598	37,507,552	351,028	110,099,444	25,491,087
East North Central	966,240	370,965,805	71,147,639	392,304,118	75,237,900	880,655	256,349,132	49,181,738
West North Central	891,590	413,838,848	71,861,845	446,336,192	77,493,327	796,323	275,973,530	47,835,052
South Atlantic	850,796	125,634,154	24,508,880	136,073,767	26,545,679	597,891	68,946,260	13,615,214
East South Central	769,893	117,141,106	20,210,445	129,133,681	22,283,364	552,989	62,699,552	10,808,534
West South Central	651,667	136,787,145	21,829,363	165,557,885	26,395,765	419,952	60,044,751	9,654,886
Mountain	94,781	28,518,888	6,875,523	35,504,102	8,582,548	59,315	13,654,183	3,341,609
Pacific	120,363	60,790,277	15,315,134	69,401,873	17,486,834	86,420	41,673,721	10,551,486
The North	2,396,007	988,514,202	192,418,035	1,055,640,083	205,394,770	2,143,500	679,447,320	132,796,220
The South	2,272,356	379,562,405	66,548,688	430,765,313	75,224,808	1,570,832	191,690,563	34,078,934
The West	215,144	80,309,165	22,190,657	104,905,975	26,069,382	145,735	55,327,904	13,893,095
East of the Mississippi River	3,125,106	817,450,614	165,276,115	874,511,339	176,730,486	2,498,057	535,119,602	109,385,216
West of the Mississippi River	1,758,401	639,935,158	115,881,865	716,800,032	129,958,474	1,362,010	391,346,185	71,383,033

The statistics of the number of fowls raised and the quantity of eggs produced in 1909 are considered later in connection with the discussion of the comparative figures for 1909 and 1899 given in Table 34, and the estimated totals for 1909 are also shown.

The statistics as to fowls and eggs sold show only the quantities and values actually reported and should therefore be compared with the reported production rather than with the estimated total. It will be observed that there are marked differences among the geographic divisions with respect to the ratio between the number of fowls sold and the number reported as raised. In the New England and Middle Atlantic divisions the number sold was approximately half of the number raised in the East North Central division the proportion was about two-fifths, and in the Pacific division over two-fifths, but in none of the other five divisions did the proportion exceed one-third. Similar differences exist among the divisions with respect to the disposition of eggs, although in most of the divisions the number of eggs reported as sold was more than half as great as the number reported as produced, the only exceptions being in the West South Central and Mountain divisions. The proportion reported as sold was highest in the New England and Middle Atlantic divisions. In the West North Central division, the most important in the production of eggs, the reported sales were equal to 66.7 per cent of the reported production; while in the East North Central division, which ranked second in egg production, the proportion was 69.1 per cent.

Comparative statistics of fowls raised and eggs produced: 1909 and 1899.—Table 34 shows, by geographic divisions and sections, the number of farms reporting fowls and the number of fowls in 1910 and 1900. It also shows the quantity and value of eggs produced, and the number and value of fowls raised for 1909, and the value of those raised in 1899, together with the amounts and percentages of change during the decade; all of these figures include estimates. Statistics by divisions and states are shown in Table 39. The diagrams on pages 508 and 509 illustrate, respectively, the distribution by states of the value of fowls raised and of the value of eggs produced in 1909 and 1899.

VALUE OF FOWLS RAISED: 1909 AND 1899.



VALUE OF EGGS PRODUCED: 1909 AND 1899.

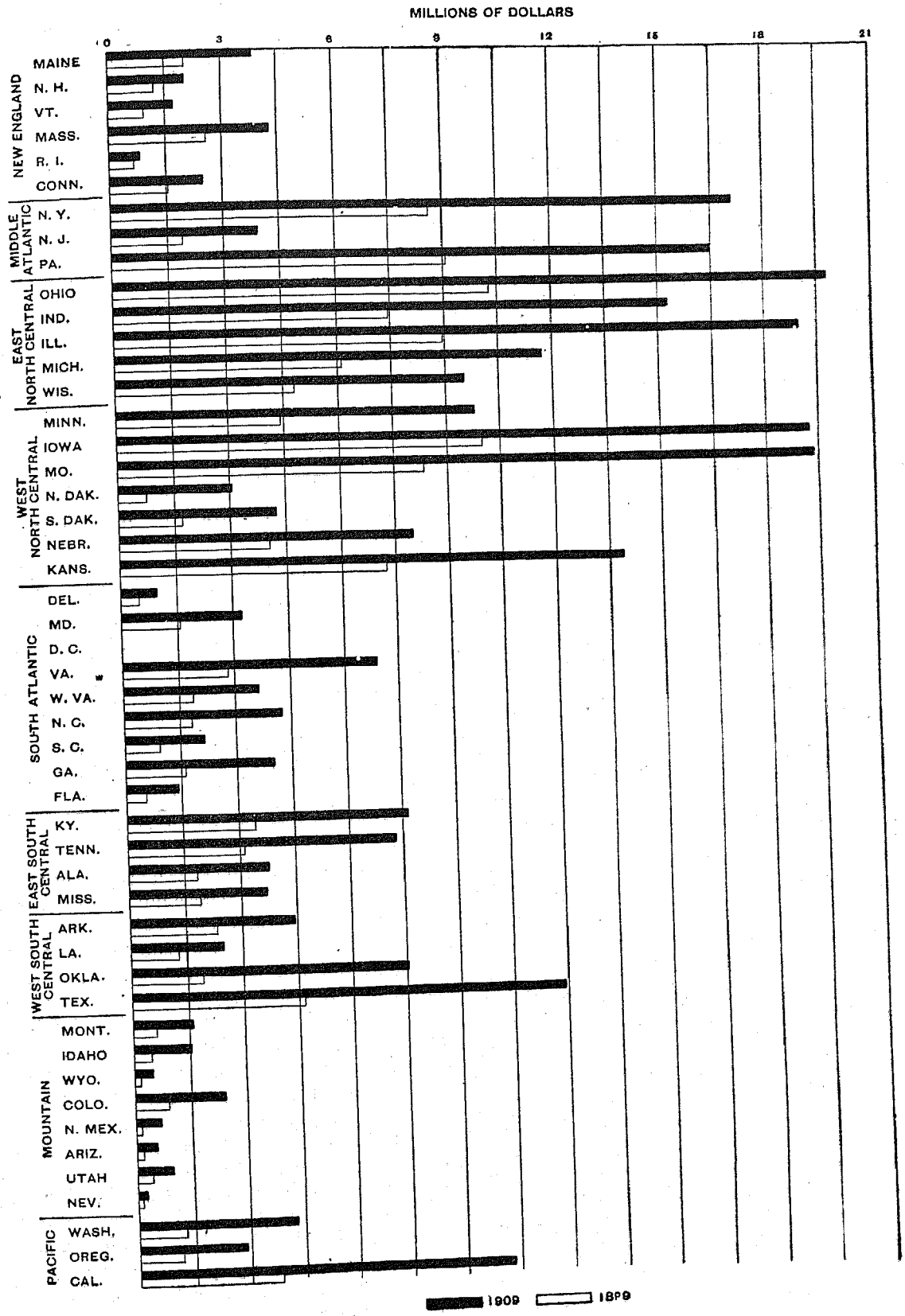


Table 34

DIVISION OR SECTION.	FOWLS OF ALL KINDS ON FARMS.								EGGS PRODUCED (INCLUDING ESTIMATES).			
	Farms reporting.				Number of fowls.				Quantity (dozens).			
	1910	1900	Increase.[1]		1910[2]	1900[2]	Increase.[4]		1909	1899	Increase.	
			Number.	Per cent.			Number.	Per cent.			Amount.	Per cent.
United States	**5,585,032**	**5,095,280**	**489,752**	**9.6**	**295,880,190**	**250,624,038**	**42,514,023**	**17.0**	**1,591,311,371**	**1,293,662,433**	**297,648,938**	**23.0**
New England	150,643	158,688	− 8,045	−5.1	7,078,636	6,666,246	376,910	5.7	55,078,175	50,686,580	4,391,595	8.7
Middle Atlantic	428,443	447,044	−18,601	−4.2	26,004,625	22,473,907	2,849,371	12.7	161,921,598	141,077,420	20,844,178	14.8
East North Central	1,045,736	1,053,922	− 8,186	−0.8	71,941,382	61,558,039	10,031,607	16.3	392,304,118	349,519,490	42,784,628	12.2
West North Central	1,007,771	960,216	47,555	5.0	88,684,488	69,298,838	18,721,948	27.0	446,336,192	367,144,220	79,191,972	21.6
South Atlantic	971,758	850,074	121,684	14.3	27,858,263	24,472,713	3,103,766	12.7	136,073,767	105,349,996	30,723,771	29.2
East South Central	897,145	798,398	98,747	12.4	26,918,569	25,851,926	959,277	3.7	129,133,681	104,866,360	24,267,321	23.1
West South Central	808,267	642,917	165,350	25.7	31,501,899	30,170,335	1,133,166	3.8	165,557,865	117,230,500	48,327,365	41.2
Mountain	126,086	72,205	54,781	75.9	5,708,606	3,265,050	2,366,417	72.5	35,504,102	18,160,567	17,343,535	95.5
Pacific	148,283	111,816	36,467	32.6	10,183,722	6,926,384	2,971,561	42.9	69,401,873	39,627,300	29,774,573	75.1
The North	2,632,593	2,619,870	12,723	0.5	193,709,131	159,037,030	31,979,836	20.0	1,055,640,083	908,427,710	147,212,373	16.2
The South	2,677,170	2,291,389	385,781	16.8	86,278,731	80,494,974	5,196,209	6.5	430,765,313	327,446,856	103,318,457	31.6
The West	275,269	184,021	91,248	49.6	15,892,328	10,192,034	5,337,978	52.4	104,905,975	57,787,867	47,118,108	81.5
East of the Mississippi River	3,493,725	3,308,126	185,599	5.6	159,801,475	140,962,831	17,320,931	12.3	874,511,339	751,499,846	123,011,493	16.4
West of the Mississippi River	2,091,307	1,787,154	304,153	17.0	136,078,715	109,661,207	25,103,092	23.0	716,800,032	542,162,587	174,637,445	32.2

DIVISION OR SECTION.	EGGS PRODUCED (INCLUDING ESTIMATES)—continued.				FOWLS RAISED (INCLUDING ESTIMATES).				
	Value.				Number.	Value.			
	1909	1899	Increase.		1909	1909	1899	Increase.	
			Amount.	Per cent.				Amount.	Per cent.
United States	**$306,688,960**	**$144,240,541**	**$162,448,419**	**112.6**	**488,468,354**	**$202,506,272**	**$136,830,152**	**$65,676,120**	**48.0**
New England	15,155,991	8,993,398	6,162,593	69.1	11,139,439	7,361,038	5,045,951	2,315,087	45.9
Middle Atlantic	37,507,552	19,649,091	17,858,461	90.9	36,313,031	21,527,077	15,578,488	5,948,589	38.2
East North Central	75,237,900	37,623,596	37,614,304	100.0	102,496,192	47,972,887	36,277,973	11,694,914	32.2
West North Central	77,493,327	36,584,521	40,908,806	111.8	123,853,667	52,337,180	33,550,148	18,787,032	56.0
South Atlantic	26,545,679	11,687,203	14,858,386	127.1	70,792,154	24,413,963	15,553,805	8,860,158	57.0
East South Central	22,283,364	10,273,685	12,009,679	116.9	61,199,837	19,128,878	13,903,633	5,225,245	37.6
West South Central	26,395,765	10,192,241	16,203,524	159.0	59,066,127	17,681,375	10,866,416	6,814,959	62.7
Mountain	8,582,548	2,980,741	5,601,807	187.9	8,799,190	4,373,143	1,886,693	2,486,450	131.8
Pacific	17,486,834	6,285,975	11,200,859	178.2	14,808,717	7,710,731	4,167,045	3,543,686	85.0
The North	205,394,770	102,820,606	102,574,164	99.8	273,802,329	129,198,182	90,452,560	38,745,622	42.8
The South	75,224,808	32,153,219	43,071,589	134.0	191,058,118	61,224,216	40,323,854	20,900,362	51.8
The West	26,069,382	9,266,716	16,802,666	181.3	23,607,907	12,083,874	6,053,738	6,030,136	99.6
East of the Mississippi River	176,730,486	88,197,063	88,533,423	100.4	281,940,653	120,403,843	86,359,850	34,043,993	39.4
West of the Mississippi River	129,958,474	56,043,478	73,914,996	131.9	206,527,701	82,102,429	50,470,302	31,632,127	62.7

[1] A minus sign (−) denotes decrease.
[2] Includes pigeons, peafowls, and ostriches.
[3] Includes ostriches, but not pigeons or peafowls.
[4] Excludes pigeons, peafowls, and ostriches.

Although there was a decrease between 1900 and 1910 in the number of farms reporting fowls in the three northeastern divisions, the total number of fowls on farms in these divisions increased materially, as in all of the other divisions. There was also an increase in the production of eggs in every division. The greatest absolute increase was in the West North Central division, where the estimated total production in 1909 was 79,192,000 dozens in excess of that in 1899. The West South Central division ranked second with respect to amount of increase, and the East North Central third. The percentage of increase, however, was highest in the Mountain division, 95.5 per cent, and next highest in the Pacific division.

It is noteworthy that in the North, taken as a whole, the percentage of increase in the number of fowls between 1900 and 1910 was somewhat greater than the percentage of increase in the quantity of eggs produced between 1899 and 1909, whereas in the South and the West the percentages of increase in the quantity of eggs produced were much greater than those in the number of fowls. These figures indicate that there have been considerable increases in the average production of eggs per fowl in the South and the West, although the differences in the percentages may be due in part to lack of comparability in the statistics.

The value of the eggs produced in 1909 was double or more than double the value of those produced in 1899 in seven of the nine geographic divisions.

The estimated value of the fowls raised also increased in every geographic division between 1899 and 1909. The absolute increase was greatest in the West North Central division—$18,787,000—and next greatest in the East North Central division; but, as in the case of eggs, the percentages of increase were highest in the Mountain and Pacific divisions.

Table 35 shows, by percentages, the distribution among the divisions and sections of the total number of farms reporting fowls, the total number of fowls on farms, the total quantity and value of eggs produced, and the total number and value of fowls raised.

Table 35 PER CENT OF UNITED STATES TOTAL.

DIVISION OR SECTION.	Fowls of all kinds.				Eggs produced (including estimates).				Fowls raised (including estimates).		
	Farms reporting.		Number of fowls.		Quantity (dozens).		Value.		No.	Value.	
	1910	1900	1910	1900	1909	1899	1909	1899	1909	1909	1899
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England	2.7	3.1	2.4	2.6	3.5	3.9	4.9	6.2	2.3	3.6	3.7
Middle Atlantic	7.7	8.8	8.8	9.0	10.2	10.9	12.2	13.6	7.4	10.6	11.4
East North Central	18.7	20.7	24.3	24.6	24.7	27.0	24.5	26.1	21.0	23.7	26.5
West North Central	18.0	18.8	30.0	27.7	28.0	28.4	25.3	25.4	25.4	25.8	24.5
South Atlantic	17.4	16.7	9.4	9.8	8.6	8.1	8.7	8.1	14.5	12.1	11.4
East South Central	16.1	15.7	9.1	10.3	8.1	8.1	7.3	7.1	12.5	9.4	10.2
West South Central	14.5	12.6	10.6	12.0	10.4	9.1	8.6	7.1	12.1	8.7	7.9
Mountain	2.3	1.4	1.9	1.3	2.2	1.4	2.8	2.1	1.8	2.2	1.4
Pacific	2.7	2.2	3.4	2.8	4.4	3.1	5.7	4.4	3.0	3.8	3.0
The North	47.1	51.4	65.5	63.8	66.3	70.2	67.0	71.3	56.1	63.8	66.1
The South	47.9	45.0	29.2	32.1	27.1	25.3	24.5	22.3	39.1	30.2	29.5
The West	4.9	3.6	5.4	4.1	6.6	4.5	8.5	6.4	4.8	6.0	4.4
East of Mississippi	62.6	64.9	54.0	56.2	55.0	58.1	57.6	61.1	57.7	59.5	63.1
West of Mississippi	37.4	35.1	46.0	43.8	45.0	41.9	42.4	38.9	42.3	40.5	36.9

The North had, in 1910, 47.1 per cent of all the farms reporting fowls, but 65.5 per cent of all fowls are shown for that section, as well as 66.3 per cent of the quantity of eggs produced in 1909 and 56.1 per cent of the number of fowls raised. The South, where 47.9 per cent of all farms reporting fowls was found, shows only 29.2 per cent of the total number of fowls and correspondingly low percentages of the poultry products. The poultry industry of the West is of comparatively small importance.

Of the nine geographic divisions, the West North Central was, both in 1909 and in 1899, the most important in the poultry industry, as judged by the production of eggs and of fowls. In 1909, 28 per cent of the total number of eggs was produced in that division and 25.4 per cent of the total number of fowls raised. The East North Central division ranked next, with 24.7 per cent of the eggs and 21 per cent of the fowls raised. It is noteworthy that the South Atlantic, the East South Central, and the West South Central divisions each reported a much smaller proportion of the total egg production than they did of the total number of fowls raised, while the opposite was the case in all the northern and western divisions.

Average values of fowls and eggs produced and sold.—Table 36 shows, by divisions and sections, the average value per dozen of eggs produced in 1909 and in 1899 and of eggs sold in 1909, and also the average value of fowls raised and of fowls sold in 1909. Similar data, by divisions and states, are given in Table 39.

Table 36

DIVISION OR SECTION.	AVERAGE VALUE OF EGGS PER DOZEN.			AVERAGE VALUE OF FOWLS.	
	Produced.		Sold.	Raised.	Sold.
	1909	1899	1909	1909	1909
United States	$0.193	$0.111	$0.195	$0.415	$0.490
New England	0.275	0.177	0.278	0.661	0.709
Middle Atlantic	0.232	0.139	0.232	0.593	0.642
East North Central	0.192	0.108	0.192	0.468	0.522
West North Central	0.174	0.100	0.173	0.423	0.490
South Atlantic	0.195	0.111	0.197	0.345	0.403
East South Central	0.173	0.098	0.172	0.313	0.373
West South Central	0.159	0.087	0.161	0.299	0.345
Mountain	0.242	0.164	0.245	0.497	0.561
Pacific	0.252	0.159	0.253	0.521	0.560
The North	0.195	0.113	0.195	0.472	0.541
The South	0.175	0.098	0.178	0.320	0.378
The West	0.249	0.160	0.251	0.512	0.560
East of the Mississippi River	0.202	0.117	0.204	0.427	0.503
West of the Mississippi River	0.181	0.103	0.182	0.398	0.468

The average value of eggs produced in 1909, as reported by the farmers, ranged from 27.5 cents per dozen in New England to 15.9 cents in the West South Central division. In most divisions the average value of eggs sold was reported at a slightly higher figure than that of eggs produced. In all the divisions the average value of eggs produced was very much higher in 1909 than in 1899. The average value of all fowls raised in 1909 ranged from 66.1 cents each in the New England division to 29.9 cents in the West South Central, while the value of those sold ranged from 70.9 cents to 34.5 cents.

State tables.—Tables 37, 38, and 39 present, by divisions and states, statistics similar to those presented by geographic divisions in the preceding tables. Table 37 relates to the number of farms reporting fowls and the number of fowls. Table 38 gives the actual reports of fowls raised and sold and of eggs produced and sold for 1909. Table 39 gives the estimated total production and value of eggs and of fowls at the two censuses, with average values.

POULTRY PRODUCTS—NUMBER OF FOWLS ON FARMS, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 37

DIVISION OR STATE.	FOWLS ON FARMS APRIL 15, 1910.												FOWLS ON FARMS JUNE 1, 1900.			
	Total.				On farms reporting eggs produced in 1909.				On farms reporting fowls raised in 1909.				Farms reporting.		Fowls.	
	Farms reporting.		Fowls.		Farms reporting.		Fowls.		Farms reporting.		Fowls.					
	Number.	Per ct. of all farms.	Number.	Av. per farm.	Number.	Per ct. of all farms.	Number.	Av. per farm.	Number.	Per ct. of all farms.	Number.	Av. per farm.	Number.	Per ct. of all farms.	Number.	Av. per farm.
United States	**5,585,032**	**87.8**	**295,880,190**	**53**	**4,833,759**	**76.0**	**273,255,924**	**57**	**4,761,774**	**74.9**	**270,540,564**	**57**	**5,095,280**	**88.8**	**250,624,038**	**49**
GEOGRAPHIC DIVISIONS:																
New England	150,643	79.8	7,078,636	47	135,310	71.7	6,029,735	49	127,114	67.3	6,430,950	51	158,688	82.7	6,606,246	42
Middle Atlantic	428,443	91.5	26,004,625	61	390,783	83.4	24,546,744	63	379,783	81.1	24,124,144	64	447,044	92.1	22,473,907	50
East North Central	1,045,736	93.1	71,941,382	69	959,187	85.4	68,126,004	71	941,238	83.8	67,634,087	72	1,053,922	92.8	61,558,039	58
West North Central	1,007,771	90.8	88,684,488	88	885,546	79.8	82,504,127	93	874,560	78.8	82,201,207	94	960,216	90.5	69,298,838	72
South Atlantic	971,758	87.4	27,858,263	29	846,964	75.9	25,771,773	31	840,235	75.6	25,512,240	30	850,074	88.3	24,472,713	29
East South Central	807,145	86.1	26,918,569	30	762,182	73.1	24,583,558	32	760,641	73.0	24,391,225	32	798,398	88.4	25,851,926	32
West South Central	808,267	85.7	31,501,899	39	645,347	68.4	27,476,494	43	637,835	67.6	27,089,614	42	642,917	85.2	30,170,335	47
Mountain	126,980	69.2	5,708,606	45	92,715	50.5	4,626,338	50	88,163	48.1	4,492,690	51	72,205	71.3	3,265,650	45
Pacific	148,283	78.1	10,183,722	69	118,725	62.5	8,991,151	76	112,205	59.1	8,655,407	77	111,816	79.0	6,926,384	62
NEW ENGLAND:																
Maine	46,440	77.4	1,735,962	37	42,111	70.2	1,635,154	39	38,568	64.3	1,566,932	41	48,043	81.0	1,585,564	33
New Hampshire	20,966	77.5	924,859	44	18,543	68.5	857,044	46	17,201	63.6	826,037	48	23,500	80.1	877,939	37
Vermont	27,528	84.2	938,524	34	24,910	76.2	879,361	35	23,321	71.3	845,116	36	28,711	86.7	843,163	29
Massachusetts	28,154	76.3	1,798,380	64	25,340	68.6	1,696,811	67	24,427	66.2	1,665,296	68	30,504	80.9	1,680,693	55
Rhode Island	4,341	82.0	415,209	96	3,856	72.9	392,794	102	3,693	69.8	383,681	104	4,866	88.5	520,514	107
Connecticut	23,214	86.6	1,265,702	55	20,550	76.6	1,168,571	57	19,904	74.2	1,152,888	58	23,064	85.6	1,098,373	48
MIDDLE ATLANTIC:																
New York	193,141	89.6	10,678,836	55	175,278	81.3	10,010,712	57	166,434	77.2	9,701,715	58	206,389	91.0	9,352,412	45
New Jersey	30,144	90.0	2,597,448	86	26,219	78.3	2,407,883	92	26,470	79.0	2,386,611	90	30,958	89.3	2,076,514	67
Pennsylvania	205,158	93.0	12,728,341	62	189,286	86.3	12,119,149	64	186,879	85.2	12,035,818	64	209,697	93.5	11,044,981	53
EAST NORTH CENTRAL:																
Ohio	253,685	93.3	17,342,289	68	235,342	86.5	16,568,904	70	230,136	84.6	16,364,832	71	256,824	92.8	15,018,352	58
Indiana	202,362	93.9	13,789,109	68	186,609	86.6	13,131,009	70	185,558	86.1	13,088,348	71	208,652	94.0	11,949,821	57
Illinois	237,165	94.2	21,409,835	90	214,100	85.0	20,061,542	94	216,529	86.0	20,270,103	94	247,034	93.5	17,737,262	72
Michigan	189,417	91.5	9,967,039	53	171,884	83.0	9,361,763	54	166,455	80.4	9,183,323	55	185,241	91.1	8,405,060	45
Wisconsin	163,107	92.1	9,433,110	58	151,252	85.4	9,002,786	60	142,560	80.5	8,727,482	61	156,171	92.0	8,447,544	54
WEST NORTH CENTRAL:																
Minnesota	142,659	91.4	10,697,075	75	129,720	83.1	10,047,664	77	124,268	79.6	9,859,025	79	136,623	88.3	8,142,693	60
Iowa	204,635	94.3	23,482,880	115	185,810	85.6	22,141,774	119	180,439	85.9	22,228,716	119	214,832	94.0	20,043,343	93
Missouri	259,628	93.6	20,897,208	80	229,655	82.8	19,538,297	85	229,619	82.8	19,565,960	85	265,203	93.1	16,076,713	61
North Dakota	61,532	82.7	3,208,109	53	50,165	67.5	2,892,363	58	45,975	61.8	2,720,530	59	34,464	76.0	1,489,380	43
South Dakota	61,561	79.3	5,251,348	85	49,173	63.3	4,726,555	96	47,531	61.2	4,636,563	98	44,756	85.1	3,178,285	71
Nebraska	115,591	89.1	9,351,830	81	99,381	76.6	8,553,003	86	99,843	77.0	8,616,660	86	108,504	89.3	7,812,239	72
Kansas	162,165	91.2	15,736,038	97	141,636	79.6	14,604,471	103	140,885	79.2	14,573,744	103	155,834	90.0	12,556,185	81
SOUTH ATLANTIC:																
Delaware	10,095	93.2	876,081	87	9,250	85.4	836,491	90	9,256	85.4	827,913	89	9,312	96.1	665,282	71
Maryland	46,054	94.1	2,908,958	63	41,214	84.2	2,726,416	66	41,427	84.7	2,722,810	66	42,295	91.9	2,305,645	55
District of Columbia	159	73.3	8,349	53	150	69.1	8,170	54	142	65.4	7,932	56	95	35.3	8,293	87
Virginia	170,207	92.5	6,099,581	36	157,507	85.6	5,847,551	37	156,112	84.8	5,810,338	37	154,123	91.8	5,041,470	33
West Virginia	89,203	92.3	3,310,155	37	80,546	83.3	3,134,272	39	78,007	80.7	3,054,692	39	85,041	91.6	3,053,071	36
North Carolina	223,808	88.2	5,059,870	23	197,818	78.0	4,720,900	24	197,947	78.0	4,662,504	24	196,721	87.6	4,379,961	22
South Carolina	146,855	83.2	2,946,414	20	122,321	69.3	2,622,683	21	123,099	69.8	2,630,100	21	132,401	85.2	2,908,319	22
Georgia	244,719	84.1	5,328,584	22	201,720	69.3	4,709,984	23	201,438	69.2	4,666,696	23	195,136	86.8	4,926,452	25
Florida	40,658	81.3	1,326,271	33	33,438	66.9	1,165,306	35	32,807	65.6	1,129,255	34	34,950	85.6	1,184,220	34
EAST SOUTH CENTRAL:																
Kentucky	231,462	89.3	8,764,204	38	200,819	77.5	8,069,052	40	199,928	77.1	8,004,457	40	211,891	90.3	7,855,468	37
Tennessee	222,711	90.5	8,056,145	36	198,708	80.8	7,586,306	38	198,570	80.7	7,532,207	38	207,562	92.4	6,971,737	34
Alabama	221,482	84.2	5,028,104	23	184,803	70.3	4,489,643	24	184,889	70.3	4,472,515	24	191,383	85.7	5,186,536	27
Mississippi	221,490	80.7	5,070,116	23	177,852	64.8	4,438,557	25	177,254	64.6	4,382,046	25	187,562	84.9	5,838,185	31
WEST SOUTH CENTRAL:																
Arkansas	183,816	85.6	5,788,570	31	150,349	70.0	5,128,457	34	148,622	69.2	5,044,927	34	156,922	87.8	6,092,876	39
Louisiana	98,439	81.7	3,542,447	36	76,609	63.6	2,990,840	39	76,105	63.1	2,937,718	39	89,695	77.3	4,299,479	48
Oklahoma	168,649	88.7	8,501,237	50	126,112	66.3	7,198,161	57	125,911	66.2	7,150,825	57	[1] 91,587	84.8	[1] 4,916,598	54
Texas	357,363	85.5	13,669,645	38	292,277	70.0	12,159,036	42	287,197	68.7	11,956,144	42	304,713	86.5	14,861,382	49
MOUNTAIN:																
Montana	17,629	67.3	966,690	55	12,077	46.1	767,268	64	11,655	44.5	753,446	65	9,830	73.5	556,679	57
Idaho	23,446	76.1	1,053,876	45	16,834	54.6	835,030	50	16,574	53.8	827,451	50	12,739	72.9	540,009	42
Wyoming	7,415	67.5	341,050	46	5,218	47.5	262,701	50	4,982	45.3	256,172	51	3,660	60.0	149,564	41
Colorado	34,491	74.7	1,721,445	50	25,083	54.3	1,401,457	56	23,954	51.9	1,366,981	57	19,281	78.1	1,017,120	53
New Mexico	19,540	54.8	531,625	27	13,652	38.3	411,201	30	12,457	34.9	385,023	31	5,556	45.1	163,015	29
Arizona	5,040	54.6	268,762	53	3,230	35.0	206,043	64	3,147	34.1	197,842	63	3,304	56.9	174,972	53
Utah	17,443	80.5	691,941	40	15,088	69.6	629,538	42	13,844	63.9	590,553	43	16,145	83.3	556,753	34
Nevada	1,982	73.7	133,217	67	1,533	57.0	113,100	74	1,550	57.6	115,222	74	1,690	77.4	107,538	64
PACIFIC:																
Washington	44,906	79.9	2,272,775	51	35,088	64.0	1,985,607	55	34,754	61.8	1,945,795	56	26,340	79.3	1,356,715	52
Oregon	37,126	81.6	1,823,680	49	30,666	67.4	1,624,686	53	29,336	64.5	1,585,964	54	29,997	83.7	1,373,203	46
California	66,251	75.1	6,087,267	92	52,071	59.0	5,380,858	103	48,115	54.6	5,123,648	106	55,479	76.5	4,196,466	76

[1] Includes Indian Territory.

POULTRY PRODUCTS—NUMBER AND VALUE OF FOWLS RAISED AND EGGS PRODUCED, AND NUMBER OF FOWLS AND EGGS SOLD, BY DIVISIONS AND STATES: 1909.

Table 38

DIVISION OR STATE.	FOWLS (AS REPORTED): 1909						EGGS (AS REPORTED): 1909					
	Raised.			Sold.			Produced.			Sold.		
	Farms reporting.	Number.	Value.	Farms reporting.	Number.	Amount received.	Farms reporting.	Dozens.	Value.	Farms reporting.	Dozens.	Amount received.
United States	**4,832,496**	**445,650,124**	**$185,390,856**	**3,038,932**	**153,600,169**	**$75,273,524**	**4,883,507**	**1,457,385,772**	**$281,157,980**	**3,860,067**	**926,465,787**	**$180,768,249**
GEOGRAPHIC DIVISIONS:												
New England	135,278	10,143,637	6,712,323	86,243	5,156,345	3,657,885	142,165	51,487,518	14,167,103	115,494	37,025,214	10,288,343
Middle Atlantic	386,012	33,689,001	19,941,206	274,212	16,392,968	10,529,042	396,012	152,222,031	35,242,048	351,028	110,099,444	25,491,087
East North Central	950,627	96,463,041	45,152,966	713,322	38,497,611	20,104,214	966,240	370,965,805	71,147,639	880,655	256,349,132	49,181,738
West North Central	882,408	114,871,313	48,609,932	609,780	36,611,202	17,957,269	891,590	413,838,848	71,861,845	796,323	275,973,530	47,835,052
South Atlantic	854,310	64,779,063	22,427,518	499,193	20,774,474	8,377,958	850,796	125,634,154	24,508,880	597,891	68,946,260	13,615,214
East South Central	771,066	55,402,822	17,366,246	434,449	15,338,370	5,717,349	769,893	117,141,106	20,210,445	552,989	62,699,552	10,808,834
West South Central	647,003	50,796,202	15,187,413	313,521	12,727,015	4,389,435	651,667	136,787,145	21,829,363	419,952	60,044,751	9,554,886
Mountain	91,165	6,912,613	3,436,498	42,334	2,215,484	1,243,964	94,781	28,518,888	6,875,523	59,315	13,654,183	3,341,609
Pacific	114,627	12,592,432	6,556,754	65,878	5,886,691	3,296,408	120,363	60,790,277	15,315,134	86,420	41,673,721	10,551,486
NEW ENGLAND:												
Maine	41,769	2,348,403	1,313,160	27,341	1,213,689	727,748	44,836	14,052,820	3,568,100	37,264	10,340,134	2,659,117
New Hampshire	18,393	1,245,634	785,091	11,420	623,092	411,441	19,528	6,936,520	1,889,954	15,763	4,948,014	1,373,432
Vermont	23,950	1,154,879	683,785	14,933	579,614	387,410	25,423	6,580,466	1,603,925	21,432	4,451,120	1,092,578
Massachusetts	26,731	2,974,619	2,232,653	16,742	1,596,472	1,287,829	27,337	13,305,540	4,026,346	21,084	9,614,504	2,914,755
Rhode Island	4,004	556,598	445,414	2,995	295,413	245,325	4,118	2,728,891	800,094	3,606	2,246,679	669,984
Connecticut	20,431	1,863,504	1,252,220	12,812	848,065	598,132	20,923	7,883,281	2,278,684	16,345	5,424,703	1,578,477
MIDDLE ATLANTIC:												
New York	169,957	12,701,540	7,634,267	107,264	5,806,367	3,766,603	178,427	67,688,879	16,000,173	156,807	48,074,481	11,394,511
New Jersey	26,978	4,453,830	3,533,844	19,930	2,540,200	2,130,591	26,538	13,630,302	3,584,157	22,128	9,578,886	2,535,668
Pennsylvania	189,077	16,533,631	8,773,095	147,018	8,046,401	4,631,848	191,047	70,902,850	15,657,718	172,093	52,446,077	11,560,908
EAST NORTH CENTRAL:												
Ohio	232,248	22,112,259	10,377,777	177,703	9,123,564	4,754,091	237,004	96,259,005	18,842,241	218,807	69,575,637	13,608,860
Indiana	187,058	21,895,510	10,181,036	145,852	8,127,981	4,323,074	187,823	76,734,210	14,525,977	175,255	53,899,416	10,213,390
Illinois	218,132	30,630,613	14,584,010	178,866	12,096,388	6,335,037	214,863	93,554,983	17,698,603	198,309	62,036,857	11,745,315
Michigan	168,621	11,864,965	5,704,602	120,804	5,289,794	2,746,226	173,641	56,176,525	11,002,435	154,969	38,508,386	7,547,202
Wisconsin	144,568	9,959,694	4,305,541	90,097	3,859,884	1,945,786	152,909	48,241,082	9,078,383	134,215	32,268,836	5,066,971
WEST NORTH CENTRAL:												
Minnesota	125,331	10,933,411	4,345,534	78,699	3,704,433	1,796,502	130,527	50,413,375	9,151,211	116,514	34,347,776	6,212,270
Iowa	188,442	28,388,446	13,171,819	153,553	10,388,967	5,207,079	187,564	103,273,505	18,098,752	176,853	70,835,349	12,387,353
Missouri	231,180	29,880,192	13,644,244	180,742	10,656,882	5,833,472	230,839	104,185,119	18,025,250	213,240	71,886,145	12,452,508
North Dakota	46,465	3,365,998	1,273,984	13,729	588,492	283,972	50,441	15,194,736	2,675,931	32,322	6,464,074	1,142,043
South Dakota	48,115	5,462,171	2,079,797	23,456	1,314,046	570,844	49,646	22,396,021	3,791,973	41,180	14,226,323	2,371,555
Nebraska	100,767	14,073,412	5,405,328	62,806	3,750,940	1,588,357	100,039	42,769,550	7,282,024	85,083	25,380,697	4,322,484
Kansas	142,108	22,767,683	8,689,226	96,795	6,207,442	2,677,043	142,534	75,606,542	12,836,704	131,131	52,833,166	8,946,839
SOUTH ATLANTIC:												
Delaware	9,342	1,476,469	792,429	7,377	623,200	355,215	9,297	4,224,300	920,139	8,880	3,346,683	729,305
Maryland	41,835	5,568,745	2,818,680	32,340	2,273,501	1,313,301	41,506	14,464,013	3,012,931	37,547	10,526,537	2,191,615
District of Columbia	145	14,834	8,647	27	5,152	2,341	152	50,689	14,908	51	16,660	5,709
Virginia	159,834	15,518,010	5,853,828	115,108	6,059,990	2,666,705	156,921	33,544,512	6,577,152	135,389	21,113,160	4,180,530
West Virginia	78,800	5,115,305	2,065,924	56,192	2,009,220	960,436	81,093	18,074,410	3,464,309	69,788	11,762,888	2,250,362
North Carolina	200,984	14,048,470	4,148,542	127,228	4,617,041	1,430,191	200,126	21,838,671	3,946,412	148,354	10,471,857	1,908,721
South Carolina	124,796	7,865,401	2,274,618	50,536	1,554,709	487,066	123,385	9,722,160	1,902,993	60,192	2,766,645	547,894
Georgia	204,791	13,076,103	3,608,122	91,108	2,904,115	848,104	204,184	18,162,972	3,469,327	114,184	5,135,393	1,177,450
Florida	33,783	2,095,726	856,728	19,277	727,546	314,599	34,132	5,552,427	1,200,709	23,506	2,806,437	623,628
EAST SOUTH CENTRAL:												
Kentucky	202,723	17,578,788	6,335,656	132,702	5,036,361	2,272,477	202,837	40,463,030	6,944,315	174,907	24,744,940	4,250,081
Tennessee	200,935	16,282,596	5,398,647	139,461	5,330,639	2,075,792	200,477	39,352,433	6,793,640	172,934	24,597,449	4,248,340
Alabama	188,416	11,089,870	2,818,365	89,587	2,676,890	715,539	187,680	19,626,126	3,321,033	112,984	7,665,603	1,303,303
Mississippi	178,992	10,451,568	2,813,578	72,699	2,294,489	653,541	178,899	17,699,517	3,151,457	92,164	5,691,560	1,007,110
WEST SOUTH CENTRAL:												
Arkansas	151,165	9,420,184	2,500,045	72,797	2,344,601	688,528	152,160	23,608,739	3,891,298	97,866	10,814,594	1,735,524
Louisiana	77,901	5,255,223	1,611,739	30,160	1,058,236	333,820	77,732	12,176,725	2,034,088	45,377	5,622,297	920,544
Oklahoma	127,420	13,680,484	4,532,234	68,381	3,562,200	1,324,940	127,120	38,521,787	6,317,863	90,455	18,860,825	3,131,023
Texas	290,517	22,440,311	6,543,395	142,183	5,761,978	2,042,147	294,655	62,479,894	9,586,114	186,254	24,747,035	3,867,795
MOUNTAIN:												
Montana	11,940	1,116,690	621,539	5,854	371,847	237,050	12,256	4,706,178	1,262,572	7,470	2,116,624	584,953
Idaho	17,012	1,298,067	628,670	7,437	370,776	208,134	17,137	5,088,908	1,213,724	10,997	2,370,346	573,098
Wyoming	5,093	389,962	195,697	2,050	106,375	59,825	5,251	1,587,433	380,509	2,585	542,643	133,157
Colorado	24,565	2,149,556	1,106,197	11,858	670,128	384,812	25,494	8,579,743	1,968,472	17,356	4,260,285	981,851
New Mexico	13,455	675,022	266,452	5,033	194,917	80,848	14,417	2,273,320	522,029	7,369	882,856	212,679
Arizona	3,286	288,771	166,099	1,952	134,098	85,277	3,302	1,311,134	398,995	2,228	820,377	250,488
Utah	14,223	829,505	351,937	7,238	298,015	140,798	15,364	4,240,007	907,330	10,378	2,315,120	499,988
Nevada	1,591	165,040	99,907	912	69,328	47,220	1,560	732,165	221,892	932	345,932	105,395
PACIFIC:												
Washington	35,551	3,186,743	1,604,056	20,049	1,250,839	693,092	36,567	14,326,464	3,749,599	26,621	8,572,408	2,302,128
Oregon	29,906	2,309,350	1,231,954	18,337	957,644	584,460	31,119	10,555,840	2,582,331	23,178	6,233,626	1,531,932
California	49,170	7,096,339	3,720,744	27,492	3,678,208	2,018,856	52,677	35,907,973	8,983,204	36,621	26,867,687	6,717,426

POULTRY PRODUCTS—NUMBER OF FOWLS ON FARMS, 1910 AND 1900, AND ESTIMATED

[A minus sign (—) denotes decrease.]

	Table 39 DIVISION OR STATE.	FOWLS OF ALL KINDS ON FARMS.								EGGS PRODUCED (INCLUDING ESTIMATES).			
		Farms reporting.				Number of fowls.				Quantity (dozens).			
		1910	1900	Increase.		1910 [1]	1900 [2]	Increase.[3]		1909	1899	Increase.	
				Number.	Per ct.			Number.	Per ct.			Amount.	Per ct.
1	**United States**	**5,585,032**	**5,095,280**	**489,752**	**9.6**	**295,880,190**	**250,624,038**	**42,514,023**	**17.0**	**1,591,311,371**	**1,293,662,433**	**297,648,938**	**23.0**
	GEOGRAPHIC DIVISIONS:												
2	New England	150,643	158,688	—8,045	—5.1	7,078,636	6,606,246	376,910	5.7	55,078,175	50,686,580	4,391,595	8.7
3	Middle Atlantic	428,443	447,044	—18,601	—4.2	26,004,625	22,473,907	2,849,371	12.7	161,921,598	141,077,420	20,844,178	14.8
4	East North Central	1,045,736	1,053,922	—8,186	—0.8	71,941,382	61,558,039	10,031,607	16.3	392,304,118	349,519,490	42,784,628	12.2
5	West North Central	1,007,771	960,216	47,555	5.0	88,634,488	69,298,838	18,721,948	27.0	446,336,192	367,144,220	79,191,972	21.6
6	South Atlantic	971,758	850,074	121,684	14.3	27,858,263	24,472,713	3,103,766	12.7	136,073,767	105,349,996	30,723,771	29.2
7	East South Central	897,145	798,398	98,747	12.4	26,918,560	25,851,926	959,277	3.7	129,133,681	104,866,360	24,267,321	23.1
8	West South Central	808,267	642,917	165,350	25.7	31,501,899	30,170,335	1,133,166	3.8	165,557,865	117,230,500	48,327,365	41.2
9	Mountain	126,986	72,205	54,781	75.9	5,708,606	3,265,650	2,366,417	72.5	35,504,102	18,160,567	17,343,535	95.5
10	Pacific	148,283	111,816	36,467	32.6	10,183,722	6,926,384	2,971,561	42.9	69,401,873	39,627,300	29,774,573	75.1
	NEW ENGLAND:												
11	Maine	46,440	48,043	—1,603	—3.3	1,735,962	1,585,564	145,956	9.2	14,935,959	13,304,150	1,631,809	12.3
12	New Hampshire	20,966	23,500	—2,534	—10.8	924,859	877,939	36,827	4.2	7,499,470	7,005,180	494,290	7.1
13	Vermont	27,528	28,711	—1,183	—4.1	938,524	843,163	91,122	10.8	7,037,082	6,271,880	765,202	12.2
14	Massachusetts	28,154	30,504	—2,350	—7.7	1,798,380	1,680,693	72,853	4.3	14,145,240	12,928,630	1,216,610	9.4
15	Rhode Island	4,341	4,866	—525	—10.8	415,209	520,514	—115,180	—22.1	2,894,081	3,217,310	—323,229	—10.0
16	Connecticut	23,214	23,064	150	0.7	1,265,702	1,098,373	145,332	13.2	8,566,343	7,959,430	606,913	7.6
	MIDDLE ATLANTIC:												
17	New York	193,141	206,389	—13,248	—6.4	10,678,836	9,352,412	1,214,282	13.0	72,349,034	62,096,690	10,252,344	16.5
18	New Jersey	30,144	30,958	—814	—2.6	2,597,448	2,076,514	325,191	15.7	14,842,859	11,942,550	2,900,309	24.3
19	Pennsylvania	205,158	209,697	—4,539	—2.2	12,728,341	11,044,981	1,309,900	11.9	74,729,705	67,038,180	7,691,525	11.5
	EAST NORTH CENTRAL:												
20	Ohio	253,685	256,824	—3,139	—1.2	17,342,289	15,018,352	2,268,142	15.1	100,889,599	91,766,630	9,122,969	9.9
21	Indiana	202,362	208,652	—6,290	—3.0	13,789,109	11,949,821	1,787,128	15.0	80,755,437	70,782,200	9,973,237	14.1
22	Illinois	237,165	247,034	—9,869	—4.0	21,409,835	17,737,262	3,528,154	19.9	100,119,418	86,402,670	13,716,748	15.9
23	Michigan	189,417	185,241	4,176	2.3	9,967,039	8,405,060	1,522,431	18.1	59,915,851	54,318,410	5,597,441	10.3
24	Wisconsin	103,107	156,171	6,936	4.4	9,433,110	8,447,544	925,752	11.0	50,623,813	46,249,580	4,374,233	9.5
	WEST NORTH CENTRAL:												
25	Minnesota	142,659	136,623	6,036	4.4	10,697,075	8,142,693	2,508,848	30.8	53,807,974	43,208,130	10,599,844	24.5
26	Iowa	204,635	214,832	—10,197	—4.7	23,482,880	20,043,343	3,251,444	16.2	109,760,487	99,621,920	10,138,567	10.2
27	Missouri	259,628	265,203	—5,575	—2.1	20,807,208	16,076,713	1,748,267	10.9	111,816,693	85,203,290	26,613,403	31.2
28	North Dakota	61,532	34,464	27,068	78.5	3,268,109	1,489,380	1,740,327	116.9	17,294,322	7,438,400	9,855,922	132.5
29	South Dakota	61,561	44,756	16,805	37.5	5,251,348	3,178,285	1,958,056	61.6	25,067,489	17,349,750	7,717,739	44.5
30	Nebraska	115,591	108,504	7,087	6.5	9,351,330	7,812,239	1,435,130	18.4	46,929,923	41,132,140	5,797,783	14.1
31	Kansas	162,165	155,834	6,331	4.1	15,736,038	12,556,185	3,079,876	24.5	81,659,304	73,190,590	8,468,714	11.6
	SOUTH ATLANTIC:												
32	Delaware	10,095	9,312	783	8.4	876,081	665,282	156,145	23.5	4,448,482	3,571,870	876,612	24.5
33	Maryland	46,054	42,295	3,759	8.9	2,908,958	2,305,645	530,856	23.0	15,533,732	12,511,450	3,022,282	24.2
34	District of Columbia	159	95	64	67.4	8,349	8,293	—664	—8.0	51,945	42,580	9,365	22.0
35	Virginia	170,207	154,123	16,084	10.4	6,099,581	5,041,470	1,018,471	20.2	35,100,093	25,550,460	9,550,233	37.4
36	West Virginia	89,203	85,041	4,162	4.9	3,310,155	3,053,071	249,284	8.2	19,159,008	17,242,400	1,916,608	11.1
37	North Carolina	223,808	196,721	27,087	13.8	5,053,870	4,379,961	647,486	14.8	23,556,124	17,704,020	5,852,104	33.1
38	South Carolina	146,855	132,401	14,454	10.9	2,946,414	2,908,319	9,516	0.3	11,049,468	9,007,700	2,041,768	22.7
39	Georgia	244,719	195,136	49,583	25.4	5,328,584	4,926,452	358,040	7.3	20,793,359	15,505,330	5,288,029	34.1
40	Florida	40,658	34,950	5,708	16.3	1,326,271	1,184,220	134,032	11.3	6,380,956	4,214,186	2,166,770	51.4
	EAST SOUTH CENTRAL:												
41	Kentucky	231,462	211,891	19,571	9.2	8,764,204	7,855,468	878,640	11.2	44,313,377	35,337,340	8,976,037	25.4
42	Tennessee	222,711	207,562	15,149	7.3	8,056,145	6,971,737	1,066,070	15.3	42,043,104	31,807,990	10,235,114	32.2
43	Alabama	221,482	191,383	30,099	15.7	5,028,104	5,186,536	—191,829	—3.7	22,234,713	18,778,960	3,455,753	18.4
44	Mississippi	221,490	187,562	33,928	18.1	5,070,116	5,838,185	—793,604	—13.6	20,542,487	18,942,070	1,600,417	8.4
	WEST SOUTH CENTRAL:												
45	Arkansas	183,816	156,922	26,894	17.1	5,788,570	6,092,876	—320,891	—5.3	27,054,674	25,694,860	1,359,814	5.3
46	Louisiana	98,439	89,695	8,744	9.7	3,542,447	4,299,479	—782,093	—18.2	14,657,544	12,820,290	1,837,254	14.3
47	Oklahoma	168,649	[4] 91,587	77,062	84.1	8,501,237	[4] 4,916,598	3,524,224	71.7	46,000,600	[4] 20,674,540	25,326,060	122.5
48	Texas	357,363	304,713	52,650	17.3	13,069,645	14,861,382	—1,288,074	—8.7	77,845,047	58,040,810	19,804,237	34.1
	MOUNTAIN:												
49	Montana	17,629	9,830	7,799	79.3	966,690	556,679	398,225	71.5	6,004,051	3,002,890	3,001,161	99.9
50	Idaho	23,446	12,739	10,707	84.0	1,053,876	540,009	505,408	93.6	6,492,270	2,879,590	3,612,680	125.5
51	Wyoming	7,415	3,660	3,755	102.6	341,050	149,564	186,803	124.9	2,091,716	937,570	1,154,146	123.1
52	Colorado	34,491	19,281	15,210	78.9	1,721,445	1,017,120	674,261	66.3	10,652,396	5,704,290	4,948,106	86.7
53	New Mexico	10,540	5,556	13,984	251.7	531,625	163,015	359,610	220.6	2,976,233	839,890	2,136,343	254.4
54	Arizona	5,040	3,304	1,736	52.5	268,762	174,972	86,619	49.5	1,744,081	819,507	924,574	112.8
55	Utah	17,443	16,145	1,298	8.0	691,941	556,753	131,874	23.7	4,672,866	3,387,340	1,285,526	38.0
56	Nevada	1,082	1,090	292	17.3	138,217	107,538	23,617	22.0	870,489	589,490	280,999	47.7
	PACIFIC:												
57	Washington	44,906	26,340	18,566	70.5	2,272,775	1,356,715	893,305	65.8	16,472,575	7,473,790	8,998,785	120.4
58	Oregon	37,126	29,997	7,129	23.8	1,823,680	1,373,203	434,692	31.7	11,906,903	7,709,970	4,196,933	54.4
59	California	66,251	55,479	10,772	19.4	6,087,267	4,196,466	1,643,564	39.2	41,022,395	24,443,540	16,578,855	67.8

[1] Includes pigeons, peafowls, and ostriches.

[2] Includes ostriches, but not pigeons or peafowls.

TOTAL NUMBER AND VALUE OF FOWLS AND EGGS PRODUCED IN 1909 AND 1899.

[A minus sign (—) denotes decrease.]

	EGGS PRODUCED (INCLUDING ESTIMATES)—contd.				FOWLS RAISED (INCLUDING ESTIMATES).					AVERAGE VALUE OF EGGS PER DOZEN.		AVERAGE VALUE OF FOWLS.	
	Value.				Number.	Value.				Produced.	Sold.	Raised.	Sold.
	1909	1899	Increase.		1909	1909	1899	Increase.		1909	1899	1909	1909
			Amount.	Per ct.				Amount.	Per ct.				
1	$306,688,960	$144,240,541	$162,448,419	112.6	488,468,354	$202,506,272	$136,830,152	$65,676,120	48.0	$0.193	$0.111	$0.195	$0.415	$0.490
2	15,156,991	8,963,398	6,192,593	69.1	11,139,439	7,361,038	5,045,951	2,315,087	45.9	0.275	0.177	0.278	0.661	0.709
3	37,507,552	19,649,091	17,858,461	90.9	36,313,031	21,527,077	15,578,488	5,948,589	38.2	0.232	0.139	0.232	0.593	0.642
4	75,237,900	37,623,596	37,614,304	100.0	102,496,192	47,972,887	36,277,973	11,694,914	32.2	0.192	0.108	0.192	0.468	0.522
5	77,493,327	36,584,521	40,908,806	111.8	123,853,667	52,337,180	33,550,148	18,787,032	56.0	0.174	0.100	0.173	0.423	0.490
6	26,545,679	11,687,293	14,858,386	127.1	70,792,154	24,413,963	15,553,805	8,860,158	57.0	0.195	0.111	0.197	0.345	0.403
7	22,283,364	10,273,685	12,009,679	116.9	61,199,837	19,128,878	13,903,633	5,225,245	37.6	0.173	0.098	0.172	0.313	0.373
8	26,395,765	10,192,241	16,203,524	159.0	59,066,127	17,681,375	10,866,416	6,814,959	62.7	0.159	0.087	0.161	0.299	0.345
9	8,582,548	2,980,741	5,601,807	187.9	8,799,190	4,373,143	1,886,693	2,486,450	131.8	0.242	0.164	0.245	0.497	0.561
10	17,486,834	6,285,975	11,200,859	178.2	14,808,717	7,710,731	4,167,045	3,543,686	85.0	0.252	0.159	0.253	0.521	0.560
11	3,792,335	2,038,225	1,754,110	86.1	2,601,733	1,454,815	955,468	499,347	52.3	0.254	0.153	0.257	0.559	0.600
12	2,043,338	1,213,703	829,635	68.4	1,394,654	879,014	610,696	268,318	43.9	0.272	0.173	0.278	0.630	0.660
13	1,715,221	959,965	755,256	78.7	1,282,524	759,362	689,109	70,253	10.2	0.244	0.153	0.245	0.592	0.668
14	4,280,445	2,571,341	1,709,104	66.5	3,212,339	2,411,078	1,407,681	1,003,397	71.3	0.303	0.199	0.303	0.751	0.807
15	848,527	656,845	191,682	29.2	602,335	482,015	398,790	83,225	20.9	0.293	0.204	0.298	0.800	0.830
16	2,476,125	1,523,319	952,806	62.5	2,045,854	1,374,754	984,207	390,547	39.7	0.289	0.191	0.291	0.672	0.705
17	17,101,732	8,630,062	8,471,670	98.2	13,980,792	8,403,162	6,161,429	2,241,733	36.4	0.236	0.139	0.237	0.601	0.649
18	3,903,005	1,938,304	1,964,701	101.4	4,847,288	3,846,029	2,265,816	1,580,213	69.7	0.263	0.162	0.265	0.793	0.839
19	16,502,815	9,080,725	7,422,090	81.7	17,484,951	9,277,886	7,151,243	2,126,643	29.7	0.221	0.135	0.220	0.531	0.576
20	19,748,658	10,280,769	9,467,889	92.1	23,433,005	10,997,633	8,847,009	2,150,624	24.3	0.196	0.112	0.196	0.469	0.521
21	15,287,205	7,441,944	7,845,261	105.4	23,067,814	10,726,137	8,172,993	2,553,144	31.2	0.189	0.105	0.189	0.465	0.532
22	18,940,454	8,942,401	9,998,053	111.8	32,352,888	15,404,028	11,307,599	4,096,429	36.2	0.189	0.103	0.189	0.476	0.524
23	11,734,799	6,104,462	5,630,337	92.2	12,877,537	6,191,440	4,551,945	1,639,495	36.0	0.196	0.112	0.196	0.481	0.519
24	9,526,784	4,854,020	4,672,764	96.3	10,764,948	4,653,649	3,398,427	1,255,222	36.9	0.188	0.105	0.188	0.432	0.504
25	9,767,410	4,437,148	5,330,262	120.1	11,862,787	4,714,919	2,927,717	1,787,202	61.0	0.182	0.103	0.181	0.397	0.485
26	19,235,600	10,016,707	9,218,893	92.0	29,990,147	13,914,985	9,491,819	4,423,166	46.6	0.175	0.101	0.175	0.464	0.501
27	19,345,602	8,315,371	11,030,231	132.6	31,913,210	14,572,585	9,525,252	5,047,333	53.0	0.173	0.098	0.173	0.457	0.547
28	3,045,687	782,790	2,262,897	289.1	4,043,481	1,530,402	594,751	935,651	157.3	0.176	0.105	0.177	0.378	0.483
29	4,244,291	1,727,392	2,516,899	145.7	6,186,427	2,355,567	1,020,382	1,335,185	130.9	0.169	0.100	0.167	0.381	0.434
30	7,990,377	4,068,002	3,922,375	96.4	15,274,150	5,866,508	3,499,044	2,367,464	67.7	0.170	0.099	0.170	0.384	0.423
31	13,864,360	7,237,111	6,627,249	91.6	24,583,465	9,382,214	6,491,183	2,891,031	44.5	0.170	0.099	0.169	0.382	0.431
32	968,970	488,401	480,569	98.4	1,562,370	838,533	596,391	242,142	40.6	0.218	0.137	0.218	0.537	0.570
33	3,235,759	1,572,682	1,663,077	105.7	5,949,459	3,011,382	2,077,490	933,892	45.0	0.208	0.126	0.208	0.506	0.578
34	15,277	6,492	8,785	135.3	15,614	9,102	5,480	3,622	66.1	0.294	0.152	0.343	0.583	0.454
35	6,882,276	2,836,899	4,045,377	142.6	16,290,508	6,145,236	3,744,654	2,400,582	64.1	0.196	0.111	0.198	0.377	0.440
36	3,672,193	1,877,675	1,794,518	95.6	5,543,096	2,238,696	1,843,752	394,944	21.4	0.192	0.109	0.191	0.404	0.478
37	4,256,769	1,810,116	2,446,653	135.2	15,227,685	4,496,767	2,689,970	1,806,797	67.2	0.181	0.102	0.182	0.295	0.310
38	2,162,797	925,966	1,236,831	133.6	8,811,348	2,548,179	1,539,755	1,008,424	65.5	0.196	0.103	0.198	0.289	0.313
39	3,971,760	1,615,538	2,356,222	145.8	14,930,716	4,119,870	2,481,610	1,638,260	66.0	0.191	0.104	0.192	0.276	0.292
40	1,379,878	553,524	826,354	149.3	2,461,358	1,006,198	574,703	431,495	75.1	0.216	0.131	0.222	0.409	0.432
41	7,605,116	3,460,607	4,144,509	119.8	19,247,287	6,937,008	4,970,063	1,966,945	39.6	0.172	0.098	0.172	0.360	0.451
42	7,258,146	3,115,335	4,142,811	133.0	17,415,208	5,774,175	4,282,740	1,491,435	34.8	0.173	0.098	0.173	0.332	0.389
43	3,762,445	1,825,978	1,936,467	106.1	12,467,486	3,168,471	2,263,346	905,125	40.0	0.169	0.097	0.170	0.254	0.267
44	3,657,657	1,871,765	1,785,892	95.4	12,069,856	3,249,224	2,387,484	861,740	36.1	0.178	0.099	0.177	0.269	0.285
45	4,459,272	2,328,509	2,130,763	91.5	10,808,758	2,868,562	2,179,634	688,928	31.6	0.165	0.091	0.160	0.265	0.294
46	2,448,502	1,281,713	1,166,789	91.0	6,337,010	1,943,515	1,425,116	518,399	36.4	0.167	0.100	0.164	0.307	0.315
47	7,544,445	[4] 1,909,832	5,634,613	295.0	16,264,003	5,388,133	[4] 1,950,304	3,437,829	176.3	0.164	0.092	0.166	0.331	0.372
48	11,943,546	4,672,187	7,271,359	155.6	25,656,356	7,481,165	5,311,362	2,169,803	40.9	0.153	0.080	0.156	0.292	0.354
49	1,610,766	631,143	979,623	155.2	1,432,741	797,450	398,487	398,963	100.1	0.268	0.210	0.276	0.557	0.637
50	1,548,431	465,504	1,082,927	232.6	1,653,272	800,700	282,468	518,232	183.5	0.239	0.162	0.242	0.484	0.561
51	501,386	163,517	337,869	206.6	519,169	260,538	79,488	181,050	227.8	0.240	0.174	0.245	0.502	0.562
52	2,444,006	852,978	1,591,028	186.5	2,706,945	1,393,039	587,536	805,503	137.1	0.229	0.150	0.230	0.515	0.574
53	683,441	157,175	526,266	334.8	932,045	367,907	90,152	277,755	308.1	0.230	0.187	0.241	0.395	0.415
54	530,746	163,274	367,472	225.1	392,286	225,640	114,884	110,756	96.4	0.304	0.199	0.305	0.575	0.636
55	999,959	424,628	575,331	135.5	971,917	412,359	262,503	149,856	57.1	0.214	0.125	0.216	0.424	0.472
56	263,813	122,522	141,291	115.3	190,815	115,510	71,175	44,335	62.3	0.303	0.208	0.305	0.605	0.681
57	4,311,291	1,259,225	3,052,066	242.4	3,722,257	1,873,608	848,291	1,025,317	120.9	0.262	0.168	0.269	0.503	0.554
58	2,912,849	1,162,071	1,750,778	150.7	2,655,492	1,416,608	826,687	589,921	71.4	0.245	0.151	0.246	0.533	0.610
59	10,262,694	3,864,679	6,398,015	165.6	8,430,968	4,420,515	2,492,067	1,928,448	77.4	0.250	0.158	0.250	0.524	0.549

[3] Excludes pigeons, peafowls, and ostriches.

[4] Includes Indian Territory.

HONEY AND WAX.

THE UNITED STATES AS A WHOLE.

Introduction.—Great difficulty is encountered in securing complete data regarding the production of honey and wax. Bee culture is not very extensive in the United States, and inquiries as to the production of honey and wax, and even as to the possession of colonies of bees, are likely to be overlooked by the enumerators, particularly in those sections of the country where only a few of the farmers keep bees. Moreover, farmers who keep bees, especially those who have only a small number of colonies, seldom keep any record of the amount of honey and wax produced, and they are often unable even to form any accurate estimate. There were many cases in which farmers reported the possession of bees in 1910 but made no report regarding the production of honey and wax during the preceding year. It can not be assumed that every instance of this kind represents a failure on the part of the farmer to report honey or wax actually produced, for it often happens that a farmer having bees fails to obtain any honey from them in a given season; but by reason of the rather large number of reports which were actually incomplete, as well as by reason of inadequate estimates on the part of farmers who had no records, the census figures probably fall considerably short of representing the actual production of honey and wax.

According to the returns made by the enumerators, the number of farms reporting bees in the United States as a whole in 1910 was 585,955, and the number of colonies of bees 3,445,000. The amount of honey produced in 1909 was reported as 54,815,000 pounds, valued at $5,763,000, and the amount of wax was reported as 905,000 pounds, valued at $229,000; the combined value of honey and wax being $5,992,000.

Farms reporting, colonies of bees, and honey and wax produced in 1909.—It is not practicable to estimate the total production of honey or wax, as has been done in the case of wool and of poultry products, since it can not be assumed that every farm which has bees actually produces any honey or wax in a specified year. It is worth while, however, to note the extent to which farmers reporting bees failed to report the production of honey. Of the total number of farms which reported the possession of bees on April 15, 1910 (585,955), only 320,378 reported such production. The farms which reported these products, in general, had more colonies of bees than those which failed to report, the average number of colonies for farms reporting the production of honey or wax being 8, and for farms which failed to report, 3.3. The total number of colonies in 1910 on farms which reported the production of honey or wax in 1909 was 2,574,000, while the number of colonies on farms which failed to report such production was 871,000.

Comparability of statistics for 1899.—It is probable that the proportion of omissions in the returns for 1899 was substantially the same as in those for 1909, and that other factors affecting the accuracy of the statistics of honey or wax produced were likewise similar, so that the figures for the two censuses may be assumed to be fairly comparable. Comparative figures for the United States are given in Table 41, in connection with the statistics by geographic divisions and sections.

GEOGRAPHIC DIVISIONS, SECTIONS, AND STATES.

Farms reporting, and number of colonies: 1910.—Table 40 shows, by geographic divisions and sections, the number of farms reporting bees on April 15, 1910, together with the percentage which the number reporting formed of all farms. It also shows the number of colonies of bees and the average number per farm. The remainder of the table gives data with regard to farms which reported the production of honey or wax in 1909, and with regard to farms not reporting these products. It also shows the reported production of honey in 1909 on farms not reporting bees on April 15, 1910.

Table 40

DIVISION OR SECTION.	BEES ON FARMS APRIL 15, 1910.									HONEY PRODUCED IN 1909 ON FARMS NOT REPORTING BEES APRIL 15, 1910.	
	Total.				On farms reporting honey in 1909.			On farms not reporting honey in 1909.					
	Farms reporting.		Number of colonies.		Farms reporting.		Number of colonies.	Farms reporting.		Number of colonies.	Farms reporting.	Pounds of honey.
	Number.	Per cent of all farms.	Number.	Average per farm.	Number.	Per cent of all farms.		Number.	Per cent of all farms.			
United States	**585,955**	**9.2**	**3,445,006**	**5.9**	**320,378**	**5.0**	**2,573,904**	**265,577**	**4.2**	**871,102**	**3,286**	**408,408**
New England	7,177	3.8	40,627	5.7	4,491	2.4	33,037	2,686	1.4	7,590	70	8,109
Middle Atlantic	39,183	8.4	291,659	7.4	25,234	5.4	249,215	13,949	3.0	42,444	347	33,184
East North Central	99,714	8.9	545,938	5.5	48,969	4.4	378,091	50,745	4.5	167,847	786	85,689
West North Central	109,408	9.9	546,693	5.0	55,567	5.0	379,494	53,841	4.9	167,199	968	71,947
South Atlantic	128,078	11.5	678,439	5.3	76,999	6.9	524,304	51,079	4.6	154,135	375	26,132
East South Central	103,248	9.9	506,962	4.9	57,318	5.5	362,531	45,930	4.4	144,431	308	16,102
West South Central	67,317	7.1	379,842	5.6	32,511	3.4	254,506	34,806	3.7	125,336	261	19,734
Mountain	10,213	5.6	172,654	16.9	6,619	3.6	152,579	3,594	2.0	20,075	76	41,231
Pacific	21,617	11.4	282,192	13.1	12,670	6.7	240,147	8,947	4.7	42,045	95	106,287
The North	255,482	8.8	1,424,917	5.6	134,261	4.6	1,030,837	121,221	4.2	385,080	2,171	198,922
The South	298,643	9.6	1,565,243	5.2	166,828	5.4	1,141,341	131,815	4.3	423,902	944	61,968
The West	31,830	8.5	454,846	14.3	19,289	5.2	392,726	12,541	3.4	62,120	171	147,518
East of the Mississippi River	377,400	9.0	2,063,625	5.5	213,011	5.4	1,547,178	164,389	4.2	516,447	1,886	169,209
West of the Mississippi River	208,555	8.6	1,381,381	6.6	107,367	4.4	1,026,726	101,188	4.2	354,655	1,400	239,199

As more fully shown in Chapter VI, the proportion of farms reporting bees and the average number of colonies per farm vary greatly in different states. In every geographic division the farms which reported the production of honey in 1909 had a considerably larger number of colonies per farm than had those farms which failed to report any product.

Production and value of honey and wax: 1909 and 1899.—Table 41 shows, by divisions and sections, the number of farms reporting bees, the number of colonies reported, and the reported amount and value of honey and of wax produced, for each of the last two censuses. Corresponding data, by divisions and states, are given in Table 43.

Table 41

DIVISION OR SECTION.	HONEY AND WAX.											
	Farms reporting bees.		Colonies of bees.		Honey produced (pounds).		Wax produced (pounds).		Value of honey and wax.			
	1910 (April 15)	1900 (June 1)	1910 (April 15)	1900 (June 1)	1909	1899	1909	1899	Total. 1909	Honey. 1909	Wax. 1909	Total. 1899
United States	**585,955**	**707,215**	**3,445,006**	**4,108,239**	**54,814,890**	**61,099,290**	**904,867**	**1,763,595**	**$5,992,083**	**$5,762,869**	**$229,214**	**$6,656,611**
New England	7,177	10,083	40,627	50,713	594,117	732,078	8,251	29,802	108,523	105,998	2,525	119,581
Middle Atlantic	39,183	54,027	291,659	362,996	5,184,165	6,122,949	66,393	153,017	675,363	655,520	19,843	681,566
East North Central	99,714	126,679	545,938	654,979	7,778,545	11,399,724	132,735	221,220	972,834	941,667	31,267	1,315,385
West North Central	109,408	107,042	546,693	532,877	6,744,608	8,655,778	93,633	175,384	864,367	841,687	22,680	1,037,616
South Atlantic	128,078	151,863	678,439	854,909	7,362,640	9,468,843	172,996	379,192	925,829	882,937	42,892	1,029,233
East South Central	103,248	133,289	506,962	730,234	4,477,759	8,065,170	111,369	343,900	550,143	522,571	27,572	861,123
West South Central	67,317	91,811	379,842	559,150	4,486,980	6,784,654	92,177	245,060	493,773	471,032	22,741	692,018
Mountain	10,213	12,176	172,654	146,482	6,577,800	4,692,426	88,447	74,410	574,983	552,356	22,627	413,692
Pacific	21,617	20,245	282,192	215,899	11,608,276	5,177,668	138,866	141,610	826,268	789,201	37,067	506,397
The North	255,482	297,831	1,424,917	1,601,565	20,301,435	26,910,529	301,012	579,423	2,621,087	2,544,772	76,315	3,154,148
The South	298,643	376,963	1,565,243	2,144,293	16,327,379	24,318,667	376,542	968,152	1,969,745	1,876,540	93,205	2,582,374
The West	31,830	32,421	454,846	362,381	18,186,076	9,870,094	227,313	216,020	1,401,251	1,341,557	59,694	920,089
East of the Mississippi	377,400	475,941	2,063,625	2,653,831	25,397,226	35,788,764	491,744	1,127,131	3,232,692	3,108,593	124,099	4,606,888
West of the Mississippi	208,555	231,274	1,381,381	1,454,408	29,417,664	25,310,526	413,123	636,464	2,759,391	2,654,276	105,115	2,649,723

Per cent distribution: 1909 and 1899.—Table 42 shows the percentage of the total number of farms reporting bees, and of the total number of colonies of bees in 1910 and 1900, and of the total quantity and value of honey and wax reported from each geographic division and section in 1909 and 1899.

Table 42

DIVISION OR SECTION.	PER CENT OF UNITED STATES TOTAL.											
	Colonies of bees.				Honey produced (quantity).		Wax produced (quantity).		Value of honey and wax.			
	Farms reporting.		Number.									
	1910 (April 15)	1900 (June 1)	1910 (April 15)	1900 (June 1)	1909	1899	1909	1899	Total. 1909	Honey. 1909	Wax. 1909	Total. 1899
United States	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
New England	1.2	1.4	1.2	1.2	1.1	1.2	0.9	1.7	1.8	1.8	1.1	1.8
Middle Atlantic	6.7	7.6	8.5	8.8	9.5	10.0	7.3	8.7	11.3	11.4	8.7	10.2
East North Central	17.0	17.9	15.8	15.9	14.2	18.7	14.7	12.5	16.2	16.3	13.6	19.8
West North Central	18.7	15.1	15.9	13.0	12.3	14.2	10.3	9.9	14.4	14.6	9.9	15.6
South Atlantic	21.9	21.5	19.7	20.8	13.4	15.5	19.1	21.5	15.5	15.3	18.7	15.5
East South Central	17.6	18.8	14.7	17.8	8.2	13.2	12.3	19.5	9.2	9.1	12.0	12.9
West South Central	11.5	13.0	11.0	13.6	8.2	11.1	10.2	13.9	8.2	8.2	9.9	10.4
Mountain	1.7	1.7	5.0	3.6	12.0	7.7	9.8	4.2	9.6	9.6	9.9	6.2
Pacific	3.7	2.9	8.2	5.3	21.2	8.5	15.3	8.0	13.8	13.7	16.2	7.6
The North	43.6	42.1	41.4	39.0	37.0	44.0	33.3	32.9	43.7	44.2	33.3	47.4
The South	51.0	53.3	45.4	52.2	29.8	39.8	41.6	54.9	32.9	32.6	40.7	38.8
The West	5.4	4.6	13.2	8.8	33.2	16.2	25.1	12.2	23.4	23.3	26.0	13.8
East of the Mississippi River	64.4	67.3	59.9	64.6	46.3	58.6	54.3	63.9	53.9	53.9	54.1	60.2
West of the Mississippi River	35.6	32.7	40.1	35.4	53.7	41.4	45.7	36.1	46.1	46.1	45.9	39.8

Although 21.9 per cent of the total number of farms reporting bees and 19.7 per cent of the total number of colonies of bees were in the South Atlantic division in 1910, only 13.4 per cent of the honey reported as produced in 1909 was reported from that division. The Pacific division reported more honey than any other (21.2 per cent of the total), followed by the East North Central, the South Atlantic division ranking third.

State table.—Table 43 shows, by divisions and states, the number of farms reporting bees and the number of colonies of bees reported in 1910 and 1900, and gives comparative statistics relative to honey and wax produced in 1909 and 1899.

HONEY AND WAX—FARMS REPORTING BEES AND NUMBER OF COLONIES OF BEES, IN 1910 AND 1900, AND QUANTITY AND VALUE OF HONEY AND WAX PRODUCED IN 1909 AND 1899, BY DIVISIONS AND STATES.

Table 43

DIVISION OR STATE.	FARMS REPORTING BEES.		COLONIES OF BEES.		HONEY PRODUCED (POUNDS).		WAX PRODUCED (POUNDS).		VALUE OF HONEY AND WAX.			
	1910 (April 15)	1900 (June 1)	1910 (April 15)	1900 (June 1)	1909	1899	1909	1899	Total. 1909	Honey. 1909	Wax. 1909	1899
United States	**535,955**	**707,215**	**3,445,006**	**4,108,239**	**54,814,890**	**61,099,290**	**904,867**	**1,763,595**	**$5,992,083**	**$5,762,869**	**$229,214**	**$6,656,611**
GEOGRAPHIC DIVISIONS:												
New England	7,177	10,083	40,627	50,713	594,117	732,078	8,251	29,802	108,523	105,998	2,525	119,581
Middle Atlantic	39,183	54,027	291,659	362,996	5,184,165	6,122,949	66,393	153,017	675,363	655,520	19,843	681,566
East North Central	99,714	126,679	545,938	654,979	7,778,545	11,399,724	132,735	221,220	972,834	941,567	31,267	1,315,385
West North Central	109,408	107,042	546,693	532,877	6,744,608	8,655,778	93,633	175,384	864,367	841,687	22,680	1,037,616
South Atlantic	128,078	151,863	678,439	854,909	7,362,640	9,468,843	172,996	379,192	925,829	882,937	42,892	1,029,233
East South Central	103,248	133,289	506,962	730,234	4,477,759	8,065,170	111,369	343,900	550,143	522,571	27,572	861,123
West South Central	67,317	91,811	379,842	559,150	4,486,980	6,784,654	92,177	245,060	493,773	471,032	22,741	992,018
Mountain	10,213	12,176	172,654	146,482	6,577,800	4,692,426	88,447	74,410	574,983	552,356	22,627	413,602
Pacific	21,617	20,245	282,192	215,899	11,608,276	5,177,668	138,866	141,610	826,268	789,201	37,067	566,397
NEW ENGLAND:												
Maine	1,371	2,496	7,592	10,857	112,051	200,080	2,260	6,570	20,686	20,016	670	34,461
New Hampshire	1,002	1,288	4,644	5,520	65,038	89,260	792	3,350	13,623	13,363	260	17,686
Vermont	1,124	1,878	10,215	12,836	160,283	182,278	2,899	8,652	26,166	25,351	815	27,290
Massachusetts	1,597	1,799	7,464	8,381	96,802	109,050	1,019	6,250	19,176	18,806	370	18,412
Rhode Island	285	370	1,267	1,681	14,221	28,450	185	890	2,959	2,904	55	5,156
Connecticut	1,798	2,252	9,445	11,438	145,722	122,960	1,096	4,090	25,913	25,558	355	16,876
MIDDLE ATLANTIC:												
New York	15,259	22,738	156,360	187,208	3,191,733	3,422,497	43,198	84,075	389,642	376,608	13,034	352,795
New Jersey	1,627	2,327	10,484	14,118	152,072	174,250	1,372	7,640	22,917	22,484	433	23,479
Pennsylvania	22,297	28,962	124,815	161,670	1,840,360	2,526,202	21,823	61,302	262,804	256,428	6,376	305,292
EAST NORTH CENTRAL:												
Ohio	23,203	34,458	98,242	151,391	1,001,179	1,980,530	7,454	34,620	133,891	131,710	2,181	252,321
Indiana	19,487	28,632	80,038	117,148	687,097	1,681,554	15,115	27,780	105,715	102,489	3,226	219,110
Illinois	29,741	34,932	155,846	179,953	1,428,640	2,961,080	26,240	75,290	200,763	194,625	6,138	343,200
Michigan	16,892	18,122	115,274	100,397	2,507,810	2,099,460	28,524	38,860	296,742	289,137	7,605	230,012
Wisconsin	10,391	10,535	95,638	106,090	2,153,819	2,077,100	55,402	44,670	235,723	223,606	12,117	270,742
WEST NORTH CENTRAL:												
Minnesota	9,522	6,078	56,677	45,877	976,262	986,446	16,880	20,626	124,617	120,560	4,057	118,884
Iowa	28,935	28,977	100,025	138,811	2,374,080	2,539,784	44,266	49,314	285,429	275,418	10,011	305,183
Missouri	40,110	41,145	203,569	205,110	2,105,815	3,018,929	23,784	69,258	274,174	267,998	6,176	348,604
North Dakota	79	30	495	279	11,084	7,530	92	90	1,869	1,840	29	1,149
South Dakota	1,355	387	6,565	2,063	139,714	49,320	943	770	20,443	20,165	278	6,247
Nebraska	12,538	12,130	45,625	52,143	527,868	866,200	3,336	16,090	73,398	72,463	935	105,676
Kansas	16,869	18,295	73,737	88,594	609,785	1,187,569	4,332	19,236	84,437	83,243	1,194	151,873
SOUTH ATLANTIC:												
Delaware	1,119	1,634	6,410	10,187	62,777	101,410	2,756	1,960	8,235	7,770	465	10,536
Maryland	4,186	5,098	23,156	28,013	306,367	306,788	4,358	7,860	39,244	38,164	1,080	38,857
District of Columbia	13	7	151	59	3,657	530	.....	.....	477	477	.....	55
Virginia	22,437	25,744	104,005	139,064	1,344,360	1,708,320	23,883	60,110	173,927	167,971	5,956	195,886
West Virginia	24,035	25,240	110,673	111,417	1,550,730	1,673,120	11,090	30,180	231,630	228,843	2,787	199,089
North Carolina	36,248	41,051	189,178	244,539	1,809,127	2,477,800	76,400	135,920	230,586	211,607	18,979	263,730
South Carolina	12,528	16,272	75,422	93,958	653,119	872,590	12,440	37,500	78,936	75,941	2,995	92,857
Georgia	23,167	32,246	130,549	187,919	884,662	1,650,745	23,434	73,372	101,888	96,114	5,774	160,723
Florida	4,345	4,521	38,895	30,753	747,832	677,540	18,635	32,290	60,906	56,050	4,856	58,500
EAST SOUTH CENTRAL:												
Kentucky	35,603	44,974	152,991	203,820	1,558,670	2,681,720	17,307	53,120	202,242	197,720	4,522	291,179
Tennessee	27,706	38,225	144,481	225,788	1,468,123	2,404,550	28,864	79,590	183,062	175,791	7,271	259,691
Alabama	23,911	32,100	135,140	205,369	891,954	1,930,410	50,043	162,020	99,977	88,088	11,889	197,232
Mississippi	16,028	17,990	74,350	95,257	559,012	1,048,490	15,155	49,170	64,862	60,972	3,890	113,021
WEST SOUTH CENTRAL:												
Arkansas	19,692	22,182	92,731	111,138	913,515	1,405,320	20,403	59,340	112,968	107,846	5,122	156,943
Louisiana	4,928	6,148	29,591	35,231	340,134	426,490	12,284	20,440	33,911	30,915	2,996	45,200
Oklahoma	4,816	[1] 3,438	19,413	[1] 20,137	140,234	[1] 172,640	1,088	[1] 5,590	24,096	23,783	313	[1] 21,343
Texas	37,881	60,043	238,107	392,044	3,093,097	4,780,204	58,402	159,600	322,798	308,488	14,310	468,527
MOUNTAIN:												
Montana	795	234	6,313	1,801	163,510	19,940	394	130	21,935	21,802	133	3,706
Idaho	2,368	2,387	21,903	19,240	1,011,068	379,450	8,018	6,550	88,382	86,251	2,131	42,725
Wyoming	579	153	4,596	1,020	138,924	19,220	1,563	340	16,725	16,248	477	2,676
Colorado	3,563	4,518	71,434	59,756	2,306,492	1,732,630	33,682	24,930	234,334	225,832	8,502	171,740
New Mexico	418	410	10,052	6,164	439,528	139,998	5,345	2,260	39,639	38,113	1,526	13,836
Arizona	441	489	23,770	18,991	1,025,282	930,420	15,012	13,080	57,203	53,298	3,905	67,489
Utah	1,873	3,707	26,185	33,818	1,138,091	1,292,118	16,667	23,740	79,763	75,892	3,871	94,364
Nevada	176	278	8,401	5,692	354,905	178,650	7,766	3,380	37,002	34,920	2,082	17,156
PACIFIC:												
Washington	5,889	4,435	33,884	30,870	503,580	530,700	4,038	9,540	66,391	65,196	1,195	65,211
Oregon	8,861	8,895	47,285	55,585	839,981	979,140	8,383	16,740	94,510	92,476	2,034	109,247
California	6,870	6,915	201,023	129,444	10,264,715	3,667,738	126,445	115,330	665,367	631,529	33,838	331,939

[1] Includes Indian Territory.

DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.

THE UNITED STATES AS A WHOLE.

Number and value of animals sold or slaughtered on farms: 1909.—Table 44 presents statistics for the United States as a whole regarding the number and value of domestic animals sold by farmers or slaughtered on farms during 1909. A comparison is also made between the total number of animals of each class reported as sold or slaughtered in 1909 and the number reported as on hand on April 15, 1910. The significance of this comparison should not be overestimated. As more fully pointed out in connection with the chapter on live stock on farms, the number of some of the classes of animals reported as on hand on April 15, 1910, presumably differed considerably from the average number on hand during the year. Moreover, there is some duplication in the returns as to the number of animals sold or slaughtered. The comparison nevertheless has some significance as indicating the general practice of farmers in selling or slaughtering the various classes of animals.

Table 44 DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS IN 1909, AND NUMBER ON HAND APRIL 15, 1910.

	All classes.	Cattle (exclusive of calves).	Calves.	Swine.	Sheep.	Goats.	Horses.	Mules.	Asses and burros.
Total sold or slaughtered on farms in 1909:									
Number		21,981,637	7,874,348	52,879,675	19,520,982	526,552	1,768,342	716,862	17,734
Value...dollars	1,833,175,487	689,375,710	59,775,179	691,611,885	84,774,271	1,181,312	210,264,479	94,359,550	1,833,101
Average value...dollars		31.36	7.59	13.08	4.34	2.24	118.90	131.63	103.37
Sold:									
Number		20,572,997	6,742,748	37,500,158	18,991,456	407,563	1,768,342	716,862	17,734
Value...dollars	1,562,936,694	657,686,916	52,328,181	463,011,115	82,506,542	946,810	210,264,479	94,359,550	1,833,101
Average value...dollars		31.97	7.76	12.35	4.34	2.32	118.90	131.63	103.37
Farms reporting		2,035,910	1,461,173	1,841,299	297,878	12,930	715,136	257,809	5,338
Per cent of all farms		32.0	23.0	28.9	4.7	0.2	11.2	4.1	0.1
Slaughtered:									
Number		1,408,640	1,131,600	15,378,517	529,526	118,989			
Value...dollars	270,238,793	31,688,794	7,446,998	228,600,770	2,267,729	234,502			
Average value...dollars		22.50	6.58	14.86	4.28	1.97			
Farms reporting		593,285	268,508	3,643,546	69,299	14,726			
Per cent of all farms		9.3	4.2	57.3	1.1	0.2			
Number on hand April 15, 1910		53,997,327	7,806,539	58,185,676	52,447,861	2,915,125	19,833,113	4,209,769	105,698
Ratio of number sold or slaughtered in 1909 to number on hand April 15, 1910 (per cent)		40.7	100.9	90.9	37.2	18.1	8.9	17.0	16.8

The value of all domestic animals sold during 1909 was reported as $1,562,937,000, and that of animals slaughtered on farms as $270,239,000, making a grand total of $1,833,175,000. This total value involves more or less duplication, due to the fact that some animals were sold during the year by one farmer to another and later sold again or slaughtered by the purchaser.

To the total value of animals sold, cattle (exclusive of calves) contributed $657,687,000, while calves contributed $52,328,000, these two amounts together constituting 45.4 per cent of the total. Swine contributed 29.6 per cent of the total value of animals sold; horses, mules, and asses and burros together, 19.6 per cent; and sheep and goats together, 5.3 per cent. Of the total value of animals slaughtered on farms, swine contributed $228,601,000, or 84.6 per cent. The schedule did not call for the number of horses, mules, and asses and burros slaughtered, as it is practically certain that none are slaughtered on farms for food.

The number of cattle (exclusive of calves) slaughtered on farms in 1909 was only about one-fifteenth as great as the number sold, and the number of sheep slaughtered on farms was equal to only a still smaller proportion of the number sold, but the number of swine slaughtered on farms was more than two-fifths as great as the number sold.

The total number of cattle (exclusive of calves) reported as sold or slaughtered on farms in 1909 was 21,982,000. This number, which involves some duplication, was equal to 40.7 per cent of the number of cattle on farms on April 15, 1910. The number of calves sold or slaughtered in 1909 was slightly greater than the number on farms at the date of the census of 1910. The total number of swine sold or slaughtered, which also involves some duplication, was 52,879,000, which was equal to a little more than nine-tenths of the number living on April 15, 1910. The number of sheep sold or slaughtered was 19,521,000, and the number of goats 527,000. These figures probably involve less duplication than those for cattle or swine. The number of sheep sold or slaughtered was equal to 37.2 per cent of the number reported for April 15, 1910.

The figures for the sale of horses and mules probably involve comparatively little duplication. The number sold in 1909 was equal to only a comparatively small percentage of the number on hand April 15, 1910, but it is noteworthy that the ratio was much higher in the case of mules than in the case of horses.

In the case of cattle, calves, and sheep and goats, the average value of those sold in 1909 was greater than the average value of those slaughtered on farms. On the other hand, the average value of swine slaughtered on farms was higher than the average value of those sold. This is doubtless due to the fact that

many young pigs are sold by farmers—to other farmers or to nonfarmers—for raising and fattening.

The number of farms which reported the sale of cattle, other than calves, in 1909 was 2,035,910, or 32 per cent of all the farms in the United States, but only 9.3 per cent of all farms reported the slaughter of cattle. Moreover, many more farms reported the sale of calves than reported the slaughter of calves. In sharp contrast to these figures are those for swine. Only 28.9 per cent of all farms reported the sale of swine, while 57.3 per cent reported the slaughter of such animals. Farmers who sold hogs, however, sold on the average about 20 each, while those who slaughtered hogs on the farm slaughtered on the average only about 4 each.

Sheep and goats are raised by only a very small proportion of all farmers in the country, and consequently the proportion reporting sales of these animals is small and the proportion reporting slaughter, except in the case of goats, is smaller still. On the other hand, either horses or mules are kept on almost every farm in the country, but only 11.2 per cent of the farms reported the sale of horses during 1909, and only 4.1 per cent the sale of mules.

Incomparability of statistics for 1899.—The value of domestic animals sold as reported for 1909, $1,562,937,000, is not at all comparable with the value of animals sold as reported at the Twelfth Census ($722,614,000), for the reason that the inquiry at the Thirteenth Census related to all animals sold from the farm, while that at the Twelfth Census related only to the sale of animals which had been raised on the farm reporting. A very considerable number of the animals sold during any given year are animals that have been purchased by the farmers, either during the same year or previously. The practice of buying cattle and swine to fatten for market is very common among farmers in some sections. Consequently the gross sales of domestic animals include much duplication. On the other hand, if the sales of animals not raised on the farm reporting are excluded, the additional value (often very great) which such animals may acquire between the time of purchase and the time of sale is omitted from the statistics.

An effort was made at the Thirteenth Census to ascertain the number of animals purchased by farmers as well as the amount expended for this purpose. Satisfactory results were not secured, however, and the details are not available for publication. Even if accurate statistics had been secured, however, they would have served only as a basis for a calculation of the net sales of farmers to nonfarmers plus the value of animals slaughtered on farms. This item, while of some significance, would by no means correctly represent the total product of the stock raising industry. A horse or a cow, for example, which is raised by a farmer and sold to another farmer for draft or dairy purposes is just as much a net product of agriculture as an animal sold to a city dweller or one slaughtered on the farm. Moreover, a horse or a dairy cow raised and retained indefinitely by the raiser is a net product of agriculture; this is true, in fact, even though such animal merely replaces another which dies of old age or disease. In other words, the increase of capital in the form of live stock, and the replacement of such capital, require current production, as truly as does the supply of current food consumption. A large part of the value of products credited to manufacturing industries in the census reports represents the output of capital goods.

GEOGRAPHIC DIVISIONS, SECTIONS, AND STATES.

Value of all domestic animals sold or slaughtered on farms: 1909.—Table 45 shows, by geographic divisions and sections, the value of all domestic animals sold, the value of those slaughtered on farms, and the total value of the two classes combined. Similar data, by divisions and states, appear in Table 48. Table 45 also shows, by percentages, the distribution of the respective totals among the geographic divisions and sections. It should be borne in mind in considering these statistics that there may be somewhat more duplication—due to purchase of animals which were resold or slaughtered during the same year—in some divisions than in others.

Table 45

DIVISION OR SECTION.	VALUE OF ALL DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS IN 1909.			PER CENT OF TOTAL VALUE OF ANIMALS.		
	Total.	Sold.	Slaughtered.	Sold or slaughtered.	Sold.	Slaughtered.
United States	$1,833,175,487	$1,562,936,694	$270,238,793	100.0	100.0	100.0
New England	30,416,780	24,287,381	6,129,399	1.7	1.6	2.3
Middle Atlantic	89,563,068	62,359,683	27,203,385	4.9	4.0	10.1
East North Central	422,925,855	366,849,902	56,075,953	23.1	23.5	20.8
West North Central	715,336,435	664,809,849	50,526,586	39.0	42.5	18.7
South Atlantic	102,508,692	56,917,658	45,591,034	5.6	3.6	16.9
East South Central	129,906,105	91,782,197	38,213,908	7.1	5.9	14.1
West South Central	181,003,205	149,019,393	31,983,812	9.9	9.5	11.8
Mountain	100,115,107	93,035,953	7,079,154	5.5	6.0	2.6
Pacific	61,310,240	53,874,678	7,435,562	3.3	3.4	2.8
The North	1,258,242,138	1,118,306,815	139,935,323	68.6	71.6	51.8
The South	413,508,002	297,719,248	115,788,754	22.6	19.0	42.8
The West	161,425,347	146,910,631	14,514,716	8.8	9.4	5.4
East of the Mississippi	775,410,500	602,196,821	173,213,679	42.3	38.5	64.1
West of the Mississippi	1,057,764,987	960,739,873	97,025,114	57.7	61.5	35.9

The West North Central division decidedly outranks any other in the total value of animals sold or slaughtered, reporting 39 per cent of the total for the United States in 1909. This division, however, reported a much smaller proportion of the total value of animals slaughtered on farms—18.7 per cent—ranking below the East North Central division in this respect and not greatly exceeding the South Atlantic and East South Central. The East North Central ranked second in the combined value of animals sold or slaughtered on farms, with 23.1 per cent of the total.

The North contributed 71.6 per cent of the value of all animals sold and only 51.8 per cent of the value of animals slaughtered. On the other hand, the South

contributed only 19 per cent of the value of animals sold and 42.8 per cent of that of animals slaughtered on farms. The West contributed 9.4 per cent and 5.4 per cent, respectively.

As shown by Table 48, the state of Iowa reported the value of animals sold or slaughtered on farms in 1909 as $218,216,000; Missouri ranked next, with $159,239,000; followed by Illinois, with $147,061,000; Kansas, with $137,923,000; and Nebraska, with $106,078,000. Texas, Indiana, Ohio, Oklahoma, and Kentucky were the only other states in which the value reported exceeded $50,000,000.

Number and value of animals of each class sold or slaughtered in 1909.—Table 46 shows, by geographic divisions and sections, the number of animals of each class sold or slaughtered on farms. It also shows the total value and average value per animal, together with the number and percentage of farms reporting in each case. Similar data for the United States as a whole are shown in Table 44, and by divisions and states in Tables 48 and 49.

In each geographic division except the East North Central the value of cattle and calves (taken together) sold in 1909 exceeded that of any other class of animals, but in the East North Central division the value of swine was greater than that of cattle and calves. Marked differences appear among the geographic divisions with respect to the ratio between the number of animals, particularly swine, sold and the number slaughtered on farms. In the leading hog raising divisions, the East and West North Central, the number sold in 1909 was several times as great as the number slaughtered on farms, but in the Middle Atlantic, South Atlantic, and East South Central divisions, where hog raising is of considerable importance, the number sold was less than the number slaughtered.

In comparing the figures for the various geographic divisions as to the sale and slaughter of animals, it should be borne in mind that there may be relatively more duplication in the figures for some of the divisions than in those for others, such duplication arising, as already stated, from the fact that farmers often buy from other farmers animals which they sell or slaughter during the same year.

In the number of cattle (exclusive of calves) reported as sold in 1909 the West North Central division greatly outranked any other, reporting 7,334,000, or 35.7 per cent of the total for the United States. The West South Central division followed with 3,994,000, and the East North Central with 2,789,000. In number slaughtered on farms the West North Central division ranked first, followed by the East North Central and Middle Atlantic.

In the number of calves sold the East North Central division ranked first, with 1,966,000, followed by the Middle Atlantic and West North Central, but in the number slaughtered on farms the Middle Atlantic ranked first.

In the number of swine sold the West North Central division again ranked first, reporting 17,180,000, or 45.8 per cent of the total for the United States, while the East North Central division reported 11,465,000, or 30.6 per cent of the total, no other division reporting as many as 3,000,000. In the number of swine slaughtered on farms, however, the South Atlantic division led, with 3,201,000, followed by the East North Central, the West North Central, the East South Central, and the West South Central—each of which reported more than 2,200,000. There was less difference among these five divisions with respect to the number slaughtered than with respect to the number sold.

Of the number of sheep reported as sold in 1909, the Mountain division contributed 6,788,000, or 35.7 per cent, followed by the East North Central division with 3,944,000. The West North Central and Pacific divisions ranked next. The West South Central division reported far more goats sold than any other, and was followed by the Mountain and Pacific divisions.

In the number of horses sold the West North Central and East North Central divisions far outranked any of the others, together reporting 62.9 per cent of the total for the United States. In the sale of mules the leading divisions were the West North Central, East South Central, and West South Central.

DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS—NUMBER, BY DIVISIONS AND SECTIONS: 1909.

Table 46

DIVISION OR SECTION.	CATTLE (EXCLUDING CALVES).		CALVES.		SWINE.		SHEEP.		GOATS.		Horses sold.	Mules sold.	Asses and burros sold.
	Sold.	Slaughtered.	Sold.	Slaughtered.	Sold.	Slaughtered.	Sold.	Slaughtered.	Sold.	Slaughtered.			
NEW ENGLAND:													
Number	434,193	75,679	437,321	101,698	325,828	177,154	181,504	41,719	1,048	157	33,894	276	11
Value.....dollars	14,063,746	1,778,913	2,338,235	517,424	2,551,918	3,647,138	723,623	185,313	4,593	611	4,557,190	47,842	234
Average value.....dollars	32.39	23.51	5.35	5.09	7.83	20.59	3.99	4.44	4.38	3.89	134.45	173.34	21.27
Farms reporting	65,570	17,034	65,230	10,831	31,043	66,813	10,178	3,474	162	34	12,980	85	7
Per cent of all farms	34.7	9.0	34.6	5.7	16.4	35.4	5.4	1.8	0.1	(1)	6.9	(1)	(1)
MIDDLE ATLANTIC:													
Number	850,906	160,473	1,397,252	295,923	1,075,690	1,135,912	733,204	80,724	1,965	274	103,705	6,515	198
Value.....dollars	28,433,077	4,354,379	9,847,702	1,706,488	7,060,488	20,698,021	3,347,996	443,342	9,242	1,155	12,714,225	938,953	7,310
Average value.....dollars	33.42	27.13	7.05	5.77	6.56	18.22	4.57	5.49	4.70	4.22	122.60	144.12	36.92
Farms reporting	169,674	73,112	227,615	41,624	107,805	268,050	29,581	6,311	277	83	51,926	2,307	57
Per cent of all farms	36.2	15.6	48.6	8.9	23.0	57.2	6.3	1.3	0.1	(1)	11.1	0.5	(1)
EAST NORTH CENTRAL:													
Number	2,788,939	214,287	1,965,546	289,053	11,464,960	2,944,811	3,944,079	57,686	13,439	739	476,628	89,665	2,966
Value.....dollars	107,686,696	5,637,160	14,637,203	1,996,796	148,970,626	48,161,673	19,338,167	277,929	48,402	2,395	64,520,499	11,477,495	170,814
Average value.....dollars	38.61	26.31	7.45	6.91	12.99	16.35	4.90	4.82	3.60	3.24	135.37	128.00	64.02
Farms reporting	465,443	117,930	458,708	69,197	555,492	739,549	122,074	13,508	1,190	311	212,971	28,675	563
Per cent of all farms	41.4	10.5	40.8	6.2	49.4	65.8	10.9	1.2	0.1	(1)	19.0	2.6	0.1
WEST NORTH CENTRAL:													
Number	7,334,405	317,527	1,137,087	145,954	17,179,803	2,064,171	2,694,142	45,612	47,825	2,297	636,502	251,347	5,925
Value.....dollars	283,647,784	7,466,246	10,947,101	1,035,764	241,711,567	41,796,756	13,182,975	221,074	133,146	6,746	79,254,856	35,086,146	846,274
Average value.....dollars	38.67	23.51	9.63	7.10	14.07	15.69	4.89	4.85	2.78	2.94	124.52	139.59	142.83
Farms reporting	524,737	197,438	246,456	63,282	603,761	716,346	47,932	14,288	1,715	727	224,068	73,434	1,436
Per cent of all farms	47.3	17.8	22.2	5.7	54.4	64.5	4.3	1.3	0.2	0.1	20.2	6.6	0.1
SOUTH ATLANTIC:													
Number	1,030,151	168,646	398,606	57,909	1,104,102	3,201,206	995,135	36,701	16,007	10,134	85,519	42,659	632
Value.....dollars	29,366,065	2,880,386	3,036,567	370,705	5,132,246	42,172,962	4,387,828	151,433	32,431	15,548	9,270,128	5,652,701	39,692
Average value.....dollars	28.51	18.16	7.62	6.40	4.65	13.17	4.41	4.13	2.03	1.53	108.40	132.51	62.80
Farms reporting	201,995	52,793	157,742	21,589	134,822	666,955	36,746	10,072	1,855	2,262	46,445	22,107	279
Per cent of all farms	18.2	4.7	14.2	1.9	12.1	60.0	3.3	1.0	0.2	0.2	4.2	2.0	(1)
EAST SOUTH CENTRAL:													
Number	1,527,324	129,846	318,428	27,723	2,454,112	2,556,039	1,157,673	34,236	29,825	18,629	98,074	160,392	2,313
Value.....dollars	32,728,694	1,907,530	2,283,029	175,417	19,979,597	35,966,100	5,072,379	133,959	52,322	30,902	10,013,375	21,258,297	394,504
Average value.....dollars	21.43	14.69	7.17	6.33	8.14	14.07	4.38	3.91	1.75	1.66	102.10	132.54	170.56
Farms reporting	253,286	47,101	129,096	12,518	183,848	597,326	35,467	9,371	3,078	3,671	57,610	67,322	1,082
Per cent of all farms	24.3	4.5	12.4	1.2	17.6	57.3	3.4	0.9	0.3	0.4	5.5	6.5	0.1
WEST SOUTH CENTRAL:													
Number	3,993,760	151,371	747,037	39,236	2,772,498	2,213,493	506,421	20,195	170,084	37,831	155,430	146,840	4,636
Value.....dollars	83,712,953	2,406,722	6,360,162	300,863	25,930,428	29,147,393	1,058,693	61,340	368,775	67,494	13,141,491	17,554,241	292,650
Average value.....dollars	20.96	15.90	8.51	7.67	9.35	13.17	3.28	3.04	2.17	1.78	84.55	119.55	63.13
Farms reporting	265,805	47,460	125,849	15,696	175,091	488,272	5,183	3,202	2,689	3,606	68,361	59,378	1,493
Per cent of all farms	28.2	5.0	13.3	1.7	18.6	51.8	0.5	0.3	0.3	0.4	7.2	6.3	0.2
MOUNTAIN:													
Number	1,720,298	115,113	133,240	38,572	392,900	208,100	6,787,085	153,572	77,821	39,383	110,040	7,327	1,028
Value.....dollars	50,144,682	3,078,640	1,384,458	371,991	4,106,278	2,992,716	27,298,028	552,670	179,805	83,137	9,102,421	778,709	40,972
Average value.....dollars	29.15	26.74	10.39	9.64	10.45	14.38	4.02	3.60	2.31	2.11	82.72	106.28	39.86
Farms reporting	42,317	22,957	26,283	9,120	19,832	48,610	5,257	5,428	722	2,838	20,688	2,202	267
Per cent of all farms	23.1	12.5	11.1	5.0	10.8	26.5	2.9	3.0	0.4	1.5	11.3	1.2	0.2
PACIFIC:													
Number	893,021	85,698	208,231	135,532	730,205	277,625	1,991,613	59,081	49,549	9,545	68,550	11,841	323
Value.....dollars	27,902,619	2,178,818	1,493,634	971,550	7,567,967	4,018,011	7,496,253	240,669	118,094	26,514	7,690,294	1,565,166	40,651
Average value.....dollars	31.25	25.42	7.17	7.17	10.36	14.47	3.76	4.07	2.38	2.78	112.19	132.18	125.85
Farms reporting	47,083	17,370	30,098	24,651	29,515	51,619	5,460	3,045	1,242	1,194	20,087	2,290	114
Per cent of all farms	24.8	9.1	15.9	13.0	15.5	27.2	2.9	1.6	0.7	0.6	10.6	1.2	0.1
THE NORTH:													
Number	11,408,443	767,966	4,937,200	832,628	30,046,281	6,922,048	7,552,929	225,741	64,277	3,467	1,250,729	347,803	8,802
Value.....dollars	433,831,903	19,236,698	37,770,331	5,256,472	400,294,599	114,303,588	36,592,761	1,127,658	195,383	10,007	161,046,770	47,550,436	1,024,632
Average value.....dollars	38.03	25.05	7.65	6.31	13.32	16.51	4.84	5.00	3.04	3.15	128.76	136.72	116.41
Farms reporting	1,225,424	405,514	998,105	184,934	1,298,191	1,790,758	209,765	37,581	3,344	1,155	501,945	104,501	2,063
Per cent of all farms	42.4	14.0	34.5	6.4	44.9	61.9	7.3	1.3	0.1	(1)	17.4	3.6	0.1
THE SOUTH:													
Number	6,551,235	439,863	1,464,071	124,868	6,330,772	7,970,738	2,659,229	91,132	215,016	66,594	339,023	349,891	7,581
Value.....dollars	145,807,712	7,194,638	11,679,758	846,985	51,042,271	107,286,455	11,118,900	346,732	453,528	113,944	32,424,994	44,465,239	726,846
Average value.....dollars	22.26	16.36	7.98	6.78	8.06	13.46	4.18	3.80	2.10	1.71	95.64	127.08	95.88
Farms reporting	721,086	147,444	412,087	49,803	493,761	1,752,553	77,396	23,245	7,622	9,539	172,416	148,807	2,854
Per cent of all farms	23.3	4.8	13.3	1.6	15.9	56.6	2.5	0.8	0.2	0.3	5.6	4.8	0.1
THE WEST:													
Number	2,613,319	200,811	341,471	174,104	1,123,105	485,731	8,779,298	212,053	127,370	48,928	178,590	19,168	1,351
Value.....dollars	78,047,301	5,257,458	2,878,092	1,343,541	11,674,245	7,010,727	34,794,881	793,339	297,899	109,651	16,792,715	2,343,875	81,623
Average value.....dollars	29.87	26.18	8.43	7.72	10.39	14.43	3.96	3.73	2.34	2.24	94.03	122.28	60.42
Farms reporting	89,400	40,327	50,381	33,771	49,347	100,235	10,717	8,473	1,964	4,032	40,775	4,492	401
Per cent of all farms	23.9	10.8	13.5	9.0	13.2	26.8	2.9	2.3	0.5	1.1	10.9	1.2	0.1
EAST OF THE MISSISSIPPI RIVER:													
Number	6,631,513	738,931	4,517,153	772,306	16,424,752	10,015,122	7,011,595	251,066	62,284	29,933	797,820	299,507	5,822
Value.....dollars	212,278,878	16,558,308	32,142,826	4,766,830	183,694,875	150,045,894	32,869,993	1,191,976	146,090	50,611	101,075,417	39,375,288	612,554
Average value.....dollars	32.01	22.41	7.12	6.17	11.18	15.04	4.69	4.75	2.36	1.69	126.69	131.47	105.21
Farms reporting	1,155,968	308,060	1,038,487	155,759	1,013,100	2,338,693	234,046	43,336	6,562	6,361	381,932	120,496	2,008
Per cent of all farms	29.4	7.8	26.4	4.0	25.7	59.4	5.9	1.1	0.2	0.2	9.7	3.1	0.1
WEST OF THE MISSISSIPPI RIVER:													
Number	13,941,484	669,709	2,225,595	359,294	21,075,406	5,363,395	11,979,861	278,460	345,279	89,056	970,522	417,355	11,912
Value.....dollars	445,408,038	15,130,426	20,185,355	2,080,168	279,316,240	77,954,876	49,636,549	1,075,753	799,820	183,891	109,189,062	54,984,262	1,220,547
Average value.....dollars	31.95	22.59	9.07	7.46	13.25	14.53	4.14	3.86	2.32	2.06	112.51	131.74	102.46
Farms reporting	879,042	285,225	422,686	112,749	828,199	1,304,853	63,832	25,963	6,308	8,365	333,204	137,304	3,330
Per cent of all farms	36.3	11.8	17.4	4.6	34.1	53.8	2.6	1.1	0.3	0.3	13.7	5.7	0.1

[1] Less than one-tenth of 1 per cent.

The average value of cattle (exclusive of calves) sold in 1909 was $38.03 for the North, $22.26 for the South, and $29.87 for the West. The values for swine and goats sold bore in general the same relation to one another; that is to say, the average value for the North was generally higher than that for the South or the West, and that for the West somewhat higher than that for the South. In fact, for all animals except calves, the highest values are shown for the North. The average values of sheep, horses, mules, and asses and burros, however, were higher in the South than in the West.

By reference to Table 49 it will be seen that in 1909 Texas reported more cattle (excluding calves) as sold by farmers than any other state (2,535,000), followed by Iowa, Kansas, Missouri, Nebraska, and Illinois, these being the only states which reported as many as 1,000,000. In the sale of calves New York, Wisconsin, Texas, Pennsylvania, Illinois, and Ohio were the leading states, each reporting more than 300,000. In the sale of swine Iowa ranked first, with 5,525,000, followed by Missouri, Illinois, and Indiana, each of which reported more than 3,000,000. In the number of swine slaughtered on farms, however, Missouri ranked first, followed by Texas, Georgia, and North Carolina. Montana reported a larger number of sheep sold than any other state, and was followed by Ohio, Wyoming, Michigan, Idaho, and New Mexico, these being the only states which reported more than 1,000,000. In the sale of horses Iowa ranked first, with 182,000, followed by Illinois, Missouri, Indiana, Kansas, and Ohio, each of which reported over 100,000. In the sale of mules Missouri decidedly outranked any other state, reporting more than 150,000, the only other states which reported more than 50,000 being Tennessee, Texas, Kansas, Kentucky, and Illinois.

Relation between number of domestic animals sold or slaughtered and number on hand.—Table 47 shows, by geographic divisions and sections, the relation between the number of domestic animals of each class sold or slaughtered in 1909 and the number reported as on hand on April 15, 1910.

Table 47

DIVISION OR SECTION.	Cattle (excluding calves).	Calves.	Horses.	Mules.	Asses and burros.	Swine.	Sheep.	Goats.
United States:								
On hand April 15, 1910	**53,997,327**	**7,806,539**	**19,833,113**	**4,209,769**	**105,698**	**58,185,676**	**52,447,861**	**2,915,125**
Sold or slaughtered, 1909	**21,981,637**	**7,874,348**	**1,768,342**	**716,862**	**17,734**	**52,878,675**	**19,520,982**	**526,552**
Ratio (per cent)	**40.7**	**100.9**	**8.9**	**17.0**	**16.8**	**90.9**	**37.2**	**18.1**
NEW ENGLAND:								
On hand April 15, 1910	1,168,528	168,022	354,755	1,729	147	396,642	430,672	3,195
Sold or slaughtered, 1909	509,872	539,019	33,894	276	11	502,982	223,223	1,205
Ratio (per cent)	43.6	320.8	9.6	16.0	7.5	126.8	51.8	37.7
MIDDLE ATLANTIC:								
On hand April 15, 1910	3,530,602	701,919	1,229,686	52,416	685	1,790,821	1,844,057	7,588
Sold or slaughtered, 1909	1,011,379	1,693,175	103,705	6,515	198	2,211,602	813,928	2,239
Ratio (per cent)	28.6	241.2	8.4	12.4	28.9	123.5	44.1	29.5
EAST NORTH CENTRAL:								
On hand April 15, 1910	8,369,644	1,449,453	4,401,442	259,423	5,426	14,461,059	9,542,234	35,059
Sold or slaughtered, 1909	3,003,226	2,254,599	476,628	89,665	2,668	14,409,771	4,001,765	14,178
Ratio (per cent)	35.9	155.5	10.8	34.6	49.2	99.6	41.9	40.4
WEST NORTH CENTRAL:								
On hand April 15, 1910	15,325,303	2,322,411	6,794,192	715,932	22,254	21,281,509	5,065,009	113,215
Sold or slaughtered, 1909	7,651,932	1,283,041	636,502	251,347	5,925	19,843,974	2,739,754	50,122
Ratio (per cent)	49.9	55.2	9.4	35.1	26.6	93.2	54.1	44.3
SOUTH ATLANTIC:								
On hand April 15, 1910	4,264,112	575,209	1,111,187	749,257	3,373	5,963,920	2,513,553	211,101
Sold or slaughtered, 1909	1,188,797	456,515	85,519	42,659	632	4,305,368	1,031,836	26,141
Ratio (per cent)	27.9	79.4	7.7	5.7	18.7	72.2	41.1	12.4
EAST SOUTH CENTRAL:								
On hand April 15, 1910	3,460,270	482,256	1,144,599	1,003,804	15,731	5,438,606	2,496,221	198,647
Sold or slaughtered, 1909	1,657,170	346,151	98,074	160,392	2,313	5,010,151	1,191,909	48,454
Ratio (per cent)	47.9	71.8	8.6	16.0	14.7	92.1	47.7	24.4
WEST SOUTH CENTRAL:								
On hand April 15, 1910	9,447,815	1,273,197	2,349,029	1,286,378	29,760	7,021,945	2,193,657	1,276,231
Sold or slaughtered, 1909	4,145,131	786,273	155,430	146,840	4,636	4,985,991	526,616	207,915
Ratio (per cent)	43.9	61.8	6.6	11.4	15.6	71.0	24.0	16.3
MOUNTAIN:								
On hand April 15, 1910	5,627,878	432,847	1,427,057	48,957	25,009	640,911	22,770,291	737,644
Sold or slaughtered, 1909	1,835,411	171,812	110,040	7,327	1,028	601,006	6,941,257	117,204
Ratio (per cent)	32.6	39.7	7.7	15.0	4.1	93.8	30.5	15.9
PACIFIC:								
On hand April 15, 1910	2,803,175	401,225	1,021,166	91,873	3,313	1,190,263	5,592,167	332,445
Sold or slaughtered, 1909	978,719	343,763	68,550	11,841	323	1,007,830	2,050,694	59,094
Ratio (per cent)	34.9	85.7	6.7	12.9	9.7	84.7	36.7	17.8
THE NORTH:								
On hand April 15, 1910	28,394,077	4,641,805	12,780,075	1,029,500	28,512	37,930,031	16,881,972	159,057
Sold or slaughtered, 1909	12,176,409	5,769,834	1,250,729	347,803	8,802	36,968,329	7,778,670	67,744
Ratio (per cent)	42.9	124.3	9.8	33.8	30.9	97.5	46.1	42.6
THE SOUTH:								
On hand April 15, 1910	17,172,197	2,330,662	4,604,815	3,039,439	48,864	18,424,471	7,203,431	1,685,979
Sold or slaughtered, 1909	6,991,098	1,588,939	339,023	349,891	7,581	14,301,510	2,750,361	282,510
Ratio (per cent)	40.7	68.2	7.4	11.5	15.5	77.6	38.2	16.8
THE WEST:								
On hand April 15, 1910	8,431,053	834,072	2,448,223	140,830	28,322	1,831,174	28,362,458	1,070,089
Sold or slaughtered, 1909	2,814,130	515,575	178,590	19,168	1,351	1,608,836	8,991,951	176,298
Ratio (per cent)	33.4	61.8	7.3	13.6	4.8	87.9	31.7	16.5
EAST OF THE MISSISSIPPI RIVER:								
On hand April 15, 1910	20,793,156	3,376,859	8,241,669	2,066,629	25,362	28,051,048	16,826,737	455,590
Sold or slaughtered, 1909	7,370,444	5,289,459	797,820	299,507	5,822	26,439,874	7,262,661	92,217
Ratio (per cent)	35.4	156.6	9.7	14.5	23.0	94.3	43.2	20.2
WEST OF THE MISSISSIPPI RIVER:								
On hand April 15, 1910	33,204,171	4,429,680	11,591,444	2,143,140	80,336	30,134,628	35,621,124	2,459,535
Sold or slaughtered, 1909	14,611,193	2,584,889	970,522	417,355	11,912	26,438,801	12,258,321	434,335
Ratio (per cent)	44.0	58.4	8.4	19.5	14.8	87.7	34.4	17.7

The significance of these statistics, as already stated, must not be overestimated, nor are the figures for the several divisions precisely comparable. For example, the number of animals reported on April 15, 1910, represented more nearly the average number for the year in some of the divisions than in others, this being especially the case with respect to calves, swine, and sheep. Moreover, there is probably relatively greater duplication in the returns as to the number sold or slaughtered in some of the divisions than in others. Nevertheless, the statistics indicate in a rough way the differences among the several divisions of the country with reference to the practice of the farmers in raising, keeping, and disposing of live stock.

The most extreme illustration of differences in practice appears in the statistics for calves. The number of calves reported as sold or slaughtered during 1909 in the three northeastern divisions greatly exceeded the number on hand on April 15, 1910, while in the other divisions the number reported as sold or slaughtered was much less than the number on hand on that date. Attention may also be called to the fact that in the West North Central and East North Central divisions the number of mules sold in 1909 was equal to more than one-third of the number on hand April 15, 1910, while in no other division did the corresponding ratio reach one-sixth.

With respect to cattle, differences in the ratios among the several divisions may be attributed in part to differences in the relative importance of the dairy industry and the industry of raising cattle for slaughter, although other causes probably affect the statistics. In the case of sheep the ratios are doubtless affected by differences in the relative importance of the keeping of sheep for wool and of raising them for slaughter; while in the case of swine the ratios may be affected by differences in practice as to the age at which animals are slaughtered.

State tables.—Tables 48 and 49 present, by divisions and states, statistics with reference to the number and value of domestic animals sold or slaughtered on farms. The statistics with regard to the total receipts from the sale of domestic animals in 1899, as published in the reports of the Twelfth Census, are shown in addition to the figures for 1909, but it should be borne in mind that the figures for the two censuses are not at all comparable.

DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS—VALUE OF ALL DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS IN 1909 AND 1899, AND NUMBER OF CATTLE, CALVES, SWINE, AND SHEEP AND GOATS SOLD OR SLAUGHTERED IN 1909, BY DIVISIONS AND STATES.

Table 48

DIVISION OR STATE.	VALUE OF ALL CLASSES OF DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS.						NUMBER OF SPECIFIED CLASSES OF DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS: 1909			
	Total.		Receipts from sales.		Value of animals slaughtered on farms.					
	1909	1899[1]	1909	1899[1]	1909	1899	Cattle (excluding calves).	Calves.	Swine.	Sheep and goats.
United States	**$1,833,175,487**	**$912,423,557**	**$1,562,936,694**	**$722,614,328**	**$270,238,793**	**$189,809,229**	**21,981,637**	**7,874,348**	**52,878,675**	**20,047,534**
GEOGRAPHIC DIVISIONS:										
New England	30,416,780	14,436,010	24,287,381	9,114,962	6,129,399	5,321,048	509,872	539,019	502,982	224,428
Middle Atlantic	89,563,068	53,512,794	62,359,683	32,158,877	27,203,385	21,353,917	1,011,379	1,693,175	2,211,602	816,167
East North Central	422,925,855	235,867,122	366,849,902	196,678,100	56,075,953	39,189,022	3,003,226	2,254,599	14,409,771	4,015,943
West North Central	715,336,435	350,009,033	664,809,849	313,372,797	50,526,586	36,636,236	7,051,932	1,283,041	19,843,974	2,789,876
South Atlantic	102,508,692	51,275,563	56,917,658	22,931,535	45,591,034	28,344,028	1,188,797	456,515	4,305,368	1,057,977
East South Central	129,996,105	58,504,908	91,782,197	31,948,923	38,213,908	26,555,985	1,657,170	346,151	5,010,151	1,240,363
West South Central	181,003,205	78,518,965	149,019,393	56,146,448	31,983,812	22,372,517	4,145,131	786,273	4,985,991	734,531
Mountain	100,115,107	41,694,102	93,035,953	36,842,143	7,079,154	4,851,959	1,835,411	171,812	601,006	7,058,461
Pacific	61,310,240	28,605,060	53,874,078	23,420,543	7,435,562	5,184,517	978,719	343,763	1,007,830	2,109,788
NEW ENGLAND:										
Maine	8,419,921	3,630,311	6,531,033	2,371,717	1,888,888	1,258,594	102,687	125,973	135,486	113,152
New Hampshire	4,329,750	2,140,283	3,482,591	1,345,941	847,159	794,342	64,020	74,997	65,571	20,548
Vermont	7,458,895	4,133,891	5,990,550	2,786,137	1,468,345	1,347,754	164,787	144,156	144,506	70,918
Massachusetts	6,020,530	2,216,865	5,014,442	1,284,454	1,006,088	932,411	95,182	109,673	91,464	9,264
Rhode Island	746,583	300,302	580,949	157,478	165,634	142,824	17,876	10,828	11,399	1,909
Connecticut	3,441,101	2,014,358	2,687,816	1,169,235	753,285	845,123	65,320	73,392	54,236	8,637
MIDDLE ATLANTIC:										
New York	39,261,111	23,345,682	29,333,508	15,025,932	9,927,603	8,319,750	520,058	1,027,666	794,179	455,780
New Jersey	4,996,850	3,044,954	3,433,924	1,638,767	1,562,926	1,406,187	34,129	126,910	162,348	10,686
Pennsylvania	45,305,107	27,122,158	29,592,251	15,494,178	15,712,856	11,627,980	457,192	538,599	1,255,075	349,701
EAST NORTH CENTRAL:										
Ohio	89,596,986	51,150,605	74,632,856	40,873,674	14,964,130	10,276,931	612,460	303,226	3,085,702	1,308,054
Indiana	92,896,132	48,882,256	81,437,250	40,865,661	11,458,882	8,016,595	490,947	273,201	3,677,128	590,364
Illinois	147,060,674	79,617,589	132,622,547	69,462,993	14,438,127	10,154,596	1,068,301	491,669	4,507,854	542,745
Michigan	43,567,427	23,677,642	35,915,379	18,343,856	7,652,048	5,333,786	362,682	355,421	1,363,127	1,160,959
Wisconsin	49,804,636	32,539,030	42,241,870	27,131,916	7,562,766	5,407,114	468,836	741,082	1,775,960	413,831
WEST NORTH CENTRAL:										
Minnesota	41,064,015	20,954,673	34,121,517	16,046,622	6,942,498	4,908,051	521,266	257,463	1,353,308	259,820
Iowa	218,216,303	121,527,461	208,069,001	113,078,523	10,147,302	8,448,938	2,203,709	274,306	6,031,086	617,037
Missouri	159,239,222	63,784,688	143,967,066	54,018,809	15,272,156	9,765,879	1,332,813	263,481	5,374,746	916,679
North Dakota	14,456,748	5,475,662	11,409,158	3,902,074	3,047,590	1,573,588	190,962	36,682	251,641	79,943
South Dakota	38,359,140	14,274,880	35,722,056	12,707,831	2,637,084	1,567,049	548,082	55,896	839,619	236,218
Nebraska	106,077,755	53,530,861	100,784,287	49,022,404	5,293,468	4,508,457	1,263,826	102,279	2,757,484	399,743
Kansas	137,923,252	70,460,808	130,736,764	64,596,534	7,186,488	5,864,274	1,591,280	292,934	3,235,490	280,436
SOUTH ATLANTIC:										
Delaware	1,338,609	820,664	768,034	396,264	570,575	424,400	7,621	19,706	48,567	1,405
Maryland	8,469,767	4,545,757	5,399,896	2,372,560	3,069,871	2,173,197	62,733	94,469	323,821	80,111
District of Columbia	24,456	2,915	16,519	475	7,937	2,440	352	444	400	.....
Virginia	28,982,606	13,659,655	20,124,957	7,800,124	8,857,649	5,859,531	334,983	124,088	831,290	421,372
West Virginia	18,456,118	9,428,066	14,159,182	6,533,034	4,296,936	2,895,032	276,486	63,923	328,351	419,295
North Carolina	18,526,988	9,594,907	7,209,308	2,485,252	11,317,680	7,109,655	199,147	66,739	1,030,043	90,277
South Carolina	6,790,617	3,553,633	2,430,169	823,554	4,360,448	2,730,079	74,958	21,210	390,555	8,583
Georgia	15,869,720	7,581,661	5,459,350	1,689,615	10,410,370	5,892,046	149,732	61,830	997,060	26,990
Florida	4,049,811	2,088,305	1,350,243	830,657	2,699,568	1,257,648	82,785	4,106	355,281	9,944
EAST SOUTH CENTRAL:										
Kentucky	54,733,377	24,858,756	43,080,628	16,660,676	11,652,749	8,198,080	554,440	145,442	1,893,943	690,780
Tennessee	49,847,367	19,471,187	37,637,861	11,121,141	12,209,506	8,350,046	574,374	124,168	1,824,257	484,525
Alabama	13,150,064	7,148,083	5,543,718	1,958,640	7,606,346	5,189,443	241,172	38,566	704,693	40,197
Mississippi	12,265,297	7,026,882	5,519,990	2,208,466	6,745,307	4,818,416	287,184	37,975	587,258	24,861
WEST SOUTH CENTRAL:										
Arkansas	20,323,592	8,680,324	12,914,397	3,752,843	7,409,195	4,927,481	417,764	94,614	992,816	69,235
Louisiana	5,780,166	3,002,306	2,933,052	1,072,869	2,847,114	1,929,437	165,528	18,157	349,241	24,189
Oklahoma	61,099,694	[2] 21,446,456	54,524,144	[2] 16,963,471	6,575,550	[2] 4,482,985	962,589	138,615	2,015,905	49,131
Texas	93,799,753	45,389,879	78,647,800	34,357,265	15,151,953	11,032,614	2,599,250	534,887	1,628,029	591,976
MOUNTAIN:										
Montana	21,609,099	10,083,646	20,346,948	9,176,830	1,262,151	906,816	292,751	27,137	70,614	1,558,628
Idaho	12,865,703	4,535,691	11,791,655	3,909,454	1,074,048	626,237	158,164	23,887	197,667	1,031,130
Wyoming	14,224,680	4,067,759	13,573,935	3,673,124	650,745	394,635	208,780	15,664	23,804	1,296,956
Colorado	24,208,175	9,570,952	22,453,959	8,477,587	1,754,216	1,093,365	464,033	45,491	176,748	1,006,785
New Mexico	10,941,885	4,345,974	10,099,489	3,740,678	842,396	605,296	322,663	19,827	42,209	1,142,778
Arizona	4,847,097	3,204,758	4,531,545	2,908,745	315,552	296,013	157,625	8,669	13,079	238,020
Utah	6,656,236	3,354,873	5,899,382	2,695,504	756,854	659,369	118,988	26,066	61,282	449,134
Nevada	4,762,232	2,530,449	4,339,040	2,260,221	423,192	270,228	112,407	5,071	15,603	335,029
PACIFIC:										
Washington	10,249,346	4,085,855	7,771,950	3,517,053	2,477,396	1,168,802	119,455	74,529	214,486	186,201
Oregon	17,433,774	8,164,220	14,972,615	6,598,325	2,461,159	1,565,895	274,025	71,229	232,396	1,047,960
California	33,627,120	15,754,985	31,130,113	13,305,165	2,497,007	2,449,820	585,239	198,005	560,948	875,627

[1] Includes Indian Territory.

DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS—FARMS REPORTING, NUMBER SOLD,

Table 49

	DIVISION OR STATE.	CATTLE (EXCLUDING CALVES).									CALVES.				
		Sold.					Slaughtered.				Sold.				
		Farms reporting.		Number of animals.	Receipts from sales.		Farms reporting.		Number of animals.	Value.		Farms reporting.		Number of animals.	Receipts from sales.	
		Number.	Per ct. of all farms.		Total.	Av. per head.	Number.	Per ct. of all farms.		Total.	Av. per head.	Number.	Per ct. of all farms.		Total.	Av. per head.
1	**United States**	**2,035,910**	**32.0**	**20,572,997**	**$657,686,916**	**$31.97**	**593,285**	**9.3**	**1,408,640**	**$31,688,794**	**$22.50**	**1,461,173**	**23.0**	**6,742,748**	**$52,328,181**	**$7.76**
	GEOGRAPHIC DIVISIONS:															
2	New England	65,570	34.7	434,193	14,063,746	32.39	17,034	9.0	75,679	1,778,913	23.51	65,236	34.6	437,321	2,338,235	5.35
3	Middle Atlantic	169,674	36.2	850,906	28,433,677	33.42	73,112	15.6	160,473	4,354,379	27.13	227,615	48.6	1,397,252	9,847,792	7.05
4	East North Central	465,443	41.4	2,788,939	107,086,696	38.61	117,930	10.5	214,287	5,637,160	26.31	458,798	40.8	1,965,546	14,637,203	7.45
5	West North Central	524,737	47.3	7,334,405	283,647,784	38.67	197,438	17.8	317,527	7,460,246	23.51	246,456	22.2	1,137,087	10,947,101	9.63
6	South Atlantic	201,995	18.2	1,030,151	29,366,065	28.51	52,793	4.7	158,046	2,880,386	18.16	157,742	14.2	398,606	3,036,567	7.62
7	East South Central	253,286	24.3	1,527,324	32,728,694	21.43	47,191	4.5	129,846	1,907,530	14.69	120,096	12.4	318,428	2,283,029	7.17
8	West South Central	265,805	28.2	3,993,760	83,712,953	20.96	47,460	5.0	151,371	2,406,722	15.90	125,849	13.3	747,037	6,360,162	8.51
9	Mountain	42,317	23.1	1,720,298	50,144,682	29.15	22,957	12.5	115,113	3,078,640	26.74	20,283	11.1	133,240	1,384,458	10.39
10	Pacific	47,083	24.8	893,021	27,902,619	31.25	17,370	9.1	85,698	2,178,818	25.42	30,098	15.9	208,231	1,493,634	7.17
	NEW ENGLAND:															
11	Maine	19,842	33.1	83,932	3,065,326	36.52	4,513	7.5	18,755	501,255	26.73	21,607	36.0	98,577	692,921	7.03
12	New Hampshire	8,750	32.3	54,904	2,084,804	37.97	2,104	7.8	9,116	237,075	26.01	9,592	35.5	64,347	367,498	5.71
13	Vermont	17,490	53.5	145,955	3,570,643	24.53	6,450	19.7	18,832	410,861	21.82	11,216	34.3	102,781	484,769	4.72
14	Massachusetts	9,927	26.9	81,661	3,177,121	38.91	2,021	5.5	13,521	360,860	26.69	12,412	33.6	95,486	435,770	4.56
15	Rhode Island	1,573	29.7	11,177	419,218	37.51	203	3.8	6,699	82,827	12.36	1,395	26.4	9,653	38,249	3.96
16	Connecticut	7,979	29.8	56,564	1,737,634	30.72	1,743	6.5	8,756	186,035	21.25	9,014	33.6	66,477	319,028	4.80
	MIDDLE ATLANTIC:															
17	New York	82,443	38.2	451,265	14,651,080	32.47	26,858	12.5	68,793	1,804,285	26.23	105,766	49.1	814,704	5,348,659	6.57
18	New Jersey	6,270	18.7	30,954	1,224,920	39.57	1,377	4.1	3,175	121,310	38.21	16,478	49.2	112,885	891,511	7.90
19	Pennsylvania	80,961	36.9	368,687	12,557,677	34.06	44,877	20.5	88,505	2,428,784	27.44	105,371	48.1	469,663	3,607,622	7.68
	EAST NORTH CENTRAL:															
20	Ohio	104,220	38.3	558,420	21,627,887	38.73	30,912	11.4	54,040	1,511,776	27.98	100,676	37.0	362,046	3,011,734	8.32
21	Indiana	82,019	38.1	463,825	18,225,798	39.29	14,877	6.9	27,122	727,188	26.81	83,363	38.7	251,470	2,253,443	8.96
22	Illinois	106,050	42.1	1,029,835	44,336,655	43.05	19,120	7.6	38,466	1,011,427	26.29	89,410	35.5	410,590	3,078,769	7.50
23	Michigan	82,230	39.7	319,063	10,441,882	32.73	19,852	9.6	43,619	1,190,412	27.29	84,626	40.9	293,525	2,334,647	7.95
24	Wisconsin	90,924	51.3	417,796	13,054,474	31.25	33,169	18.7	51,040	1,196,357	23.44	100,723	56.9	647,915	3,958,610	6.11
	WEST NORTH CENTRAL:															
25	Minnesota	79,284	50.8	442,034	11,958,640	27.05	47,403	30.4	79,226	1,528,060	19.29	40,529	26.0	176,970	1,067,071	6.03
26	Iowa	128,657	59.3	2,130,255	88,603,301	41.59	48,883	22.5	73,454	1,840,125	25.05	47,028	21.7	256,071	2,275,732	8.89
27	Missouri	119,955	43.3	1,300,754	50,026,861	38.46	18,269	6.6	32,059	737,358	23.00	76,353	27.5	254,702	2,584,866	10.15
28	North Dakota	24,736	33.3	159,392	4,693,933	29.45	19,714	26.5	31,570	760,388	24.09	7,694	10.3	22,263	190,363	8.55
29	South Dakota	32,328	41.6	519,607	17,743,103	34.15	16,959	21.8	28,475	740,733	26.01	8,970	11.6	48,862	526,872	10.78
30	Nebraska	64,123	49.5	1,221,743	46,147,388	37.77	27,211	21.0	42,083	1,053,995	25.05	18,056	13.9	96,821	1,038,274	10.72
31	Kansas	75,654	42.5	1,560,620	64,474,558	41.31	18,999	10.7	30,660	805,587	26.27	47,826	26.9	281,398	3,263,923	11.60
	SOUTH ATLANTIC:															
32	Delaware	1,805	16.7	7,070	261,085	36.93	150	1.4	551	18,235	33.09	4,481	41.4	19,292	191,991	9.95
33	Maryland	11,866	24.3	56,863	2,106,131	37.04	3,080	6.3	5,870	188,907	32.18	22,369	45.7	92,359	788,579	8.54
34	District of Columbia	37	17.1	344	11,722	34.08	2	0.9	8	270	33.75	65	30.0	416	3,196	7.68
35	Virginia	41,915	22.8	314,925	11,007,993	34.95	8,487	4.6	20,058	489,315	24.40	49,124	26.7	119,002	1,023,012	8.60
36	West Virginia	39,132	40.5	257,733	8,835,566	34.28	8,226	8.5	18,753	532,939	28.42	25,143	26.0	58,815	499,371	8.49
37	North Carolina	49,000	19.3	163,015	3,381,933	20.75	13,201	5.2	36,132	560,560	15.51	28,530	11.2	52,137	240,325	4.61
38	South Carolina	19,668	11.1	57,301	1,081,928	18.88	5,782	3.3	17,657	262,764	14.88	7,888	4.5	14,541	67,870	4.67
39	Georgia	32,467	11.2	112,127	1,861,524	16.60	10,506	3.6	37,605	515,723	13.71	19,558	6.7	30,507	210,061	5.32
40	Florida	6,015	12.0	60,773	818,183	13.46	3,359	6.7	22,012	311,673	14.16	584	1.2	2,537	12,162	4.79
	EAST SOUTH CENTRAL:															
41	Kentucky	74,343	28.7	535,429	15,337,041	28.64	6,497	2.5	19,011	460,063	24.67	53,351	20.6	140,896	1,198,367	8.51
42	Tennessee	83,836	34.1	540,891	11,569,903	21.39	10,838	4.4	33,483	590,467	17.63	46,097	18.7	114,620	792,033	6.91
43	Alabama	48,398	18.4	198,226	2,642,035	13.33	15,800	6.0	42,946	466,918	10.87	15,349	5.8	30,694	133,293	4.34
44	Mississippi	46,709	17.0	252,778	3,179,715	12.58	14,056	5.1	34,406	381,082	11.08	14,299	5.2	32,218	159,336	4.95
	WEST SOUTH CENTRAL:															
45	Arkansas	62,031	28.9	379,676	5,297,695	13.95	11,189	5.2	38,088	496,194	13.03	29,918	13.9	86,235	487,415	5.65
46	Louisiana	20,903	17.3	139,319	1,863,226	13.37	10,215	8.5	26,209	367,604	14.03	4,166	3.5	15,490	94,554	6.10
47	Oklahoma	64,937	34.1	939,546	23,571,707	25.09	8,808	4.6	23,043	463,655	20.12	32,735	17.2	132,870	1,172,232	8.82
48	Texas	117,034	28.2	2,535,219	52,980,325	20.90	17,248	4.1	64,031	1,079,269	16.86	59,030	14.1	512,442	4,605,961	8.99
	MOUNTAIN:															
49	Montana	6,275	23.9	272,996	10,052,311	36.82	4,133	15.8	19,755	620,161	31.39	1,687	6.4	18,389	207,364	11.28
50	Idaho	7,320	23.8	145,948	4,194,102	28.74	3,395	11.0	12,216	332,315	27.20	4,113	13.4	19,098	177,655	9.30
51	Wyoming	3,249	29.6	198,970	7,243,953	36.41	2,059	18.7	9,810	328,328	33.47	1,010	9.2	13,716	197,454	14.40
52	Colorado	11,013	23.9	437,215	13,882,332	31.75	5,467	11.8	26,818	749,189	27.94	4,802	10.4	33,934	368,718	10.87
53	New Mexico	5,541	15.5	306,347	5,763,699	18.81	3,937	11.0	16,316	320,300	19.63	2,619	7.3	16,169	149,816	9.27
54	Arizona	1,988	21.5	146,852	3,305,014	22.51	942	10.2	10,773	220,814	20.50	659	7.1	7,525	67,136	8.92
55	Utah	5,950	27.4	110,780	2,958,663	26.71	2,214	10.2	8,208	209,875	25.57	5,173	23.9	20,754	182,138	8.78
56	Nevada	981	36.5	101,190	2,744,608	27.12	810	30.1	11,217	297,658	26.54	220	8.2	3,655	34,177	9.35
	PACIFIC:															
57	Washington	13,335	23.7	94,368	3,216,251	34.08	7,370	13.1	25,087	639,093	25.48	7,035	12.5	30,291	222,167	7.33
58	Oregon	13,973	30.7	249,733	7,109,132	28.47	5,946	13.1	24,292	578,514	23.82	6,181	13.6	30,473	259,214	8.51
59	California	19,775	22.4	548,920	17,577,236	32.02	4,054	4.6	36,319	961,211	26.47	16,882	19.1	147,467	1,012,253	6.86

AMOUNT RECEIVED FROM SALES, AND NUMBER AND VALUE OF ANIMALS SLAUGHTERED: 1909.

	CALVES—continued.					SWINE.									
	Slaughtered.					Sold.					Slaughtered.				
	Farms reporting.		Number of animals.	Value.		Farms reporting.		Number of animals.	Receipts from sales.		Farms reporting.		Number of animals.	Value.	
	Number.	Per ct. of all farms.		Total.	Av. per head.	Number.	Per ct. of all farms.		Total.	Av. per head.	Number.	Per ct. of all farms.		Total.	Av. per head.
1	**268,508**	**4.2**	**1,131,600**	**$7,446,998**	**$6.58**	**1,841,299**	**28.9**	**37,500,158**	**$463,011,115**	**$12.35**	**3,643,546**	**57.3**	**15,378,517**	**$228,600,770**	**$14.86**
2	10,831	5.7	101,698	517,424	5.09	31,043	16.4	325,828	2,551,918	7.83	66,813	35.4	177,154	3,647,138	20.59
3	41,624	8.9	295,923	1,706,488	5.77	107,895	23.0	1,075,690	7,060,488	6.56	268,050	57.2	1,135,912	20,698,021	18.22
4	69,197	6.2	289,053	1,996,796	6.91	555,492	49.4	11,464,960	148,970,626	12.99	739,549	65.8	2,944,811	48,161,673	16.35
5	63,282	5.7	145,954	1,035,764	7.10	603,761	54.4	17,179,803	241,711,567	14.07	716,346	64.5	2,664,171	41,796,756	15.69
6	21,589	1.9	57,909	370,705	6.40	134,822	12.1	1,104,162	5,132,246	4.65	666,955	60.0	3,201,206	42,172,962	13.17
7	12,518	1.2	27,723	175,417	6.33	183,848	17.6	2,454,112	19,979,597	8.14	597,326	57.3	2,556,039	35,966,100	14.07
8	15,696	1.7	39,236	300,863	7.67	175,091	18.6	2,772,498	25,930,428	9.35	488,272	51.8	2,213,493	29,147,393	13.17
9	9,120	5.0	38,572	371,991	9.64	19,832	10.8	392,900	4,106,278	10.45	48,616	26.5	208,106	2,992,716	14.38
10	24,651	13.0	135,532	971,550	7.17	29,515	15.5	730,205	7,567,967	10.36	51,619	27.2	277,625	4,018,011	14.47
11	2,874	4.8	27,396	220,308	8.04	10,628	17.7	88,167	668,587	7.58	24,404	40.7	47,319	1,073,208	22.68
12	1,137	4.2	10,650	81,707	7.67	4,067	15.0	43,008	330,995	7.70	9,658	35.7	22,563	500,038	22.16
13	5,147	15.7	41,375	58,346	1.41	9,781	29.9	93,720	799,207	8.53	16,559	50.6	50,786	967,658	19.05
14	995	2.7	14,187	95,175	6.71	3,885	10.5	63,930	531,093	8.31	7,183	19.5	27,754	537,079	19.35
15	56	1.1	1,175	6,988	5.95	409	7.7	7,725	51,284	6.64	1,034	19.5	3,674	71,621	19.49
16	622	2.3	6,915	54,900	7.94	2,273	8.5	29,278	170,752	5.83	7,975	29.7	25,058	497,534	19.86
17	26,604	12.3	212,962	1,045,081	4.91	44,582	20.7	407,915	2,610,546	6.40	107,276	49.8	386,264	6,787,517	17.57
18	622	1.9	14,025	114,286	8.15	4,875	14.6	88,639	598,483	6.75	13,906	41.5	73,709	1,319,473	17.90
19	14,398	6.6	68,936	547,121	7.94	58,438	26.6	579,136	3,851,459	6.65	146,868	67.0	675,939	12,591,031	18.63
20	7,791	2.9	31,180	282,746	9.07	122,902	45.2	2,317,507	28,695,826	12.38	182,236	67.0	768,195	13,084,370	17.03
21	5,474	2.5	21,731	198,431	9.13	119,850	55.6	3,030,547	38,182,609	12.60	152,287	70.7	646,581	10,513,304	16.26
22	11,125	4.4	81,079	471,079	5.81	139,516	55.4	3,745,309	53,218,325	14.21	172,486	68.5	762,545	12,927,677	16.95
23	16,091	7.8	61,896	506,842	8.19	85,168	41.2	981,880	10,820,875	11.02	114,104	55.1	381,247	5,874,253	15.41
24	28,716	16.2	93,167	537,698	5.77	88,056	49.7	1,389,717	18,052,991	12.99	118,436	66.9	386,243	5,762,069	14.92
25	28,204	18.1	80,493	434,501	5.40	74,047	47.4	1,038,711	13,999,240	13.48	100,583	64.4	314,597	4,908,163	15.60
26	7,286	3.4	18,235	142,981	7.84	152,542	70.3	5,524,519	85,673,509	15.51	147,246	67.8	507,167	8,128,507	16.03
27	4,863	1.8	8,779	85,931	9.79	153,372	55.3	4,425,428	51,246,280	11.58	200,247	72.2	949,318	14,407,678	15.18
28	7,992	10.7	14,419	112,570	7.81	14,743	19.8	115,414	1,351,790	11.71	37,893	51.0	136,227	2,154,990	15.82
29	4,326	5.6	7,034	73,506	10.45	32,575	42.0	721,838	10,835,211	15.01	36,975	47.6	117,781	1,785,228	15.16
30	3,195	2.5	5,458	46,494	8.52	78,646	60.7	2,495,969	38,456,165	15.41	81,292	62.7	261,515	4,183,443	16.00
31	7,416	4.2	11,536	139,781	12.12	97,836	55.0	2,857,924	40,149,372	14.05	112,110	63.0	377,566	6,228,747	16.50
32	54	0.5	414	4,508	10.89	1,978	18.3	20,979	112,170	5.35	6,636	61.2	27,538	547,429	19.84
33	431	0.9	2,110	17,135	8.12	11,425	23.4	143,415	823,024	5.74	32,931	67.3	180,406	2,848,309	15.79
34	5	2.3	28	248	8.86	5	2.3	17	193	11.35	39	18.0	383	7,419	19.37
35	2,022	1.1	5,086	42,671	8.39	30,957	16.8	293,493	1,578,588	5.38	127,841	69.5	537,797	8,283,890	15.40
36	1,282	1.3	5,108	41,975	8.22	18,164	18.8	121,650	670,226	5.51	65,798	68.1	206,701	3,682,430	17.82
37	5,964	2.4	14,602	74,556	5.11	35,461	14.0	246,796	862,548	3.49	166,636	65.7	783,247	10,643,598	13.59
38	2,461	1.4	6,669	33,347	5.00	12,389	7.0	80,633	347,911	4.31	86,224	48.9	309,922	4,057,582	13.09
39	9,154	3.1	22,323	147,539	6.61	20,368	7.0	136,651	519,948	3.80	154,935	53.2	860,409	9,730,924	11.31
40	216	0.4	1,569	8,726	5.56	4,075	8.1	60,528	217,638	3.60	25,915	51.8	294,753	2,371,381	8.05
41	2,021	0.8	4,546	42,560	9.36	69,704	26.9	1,160,301	10,643,105	9.17	168,483	65.0	733,642	11,086,633	15.11
42	2,916	1.2	9,548	61,648	6.46	74,122	30.1	1,082,134	8,480,007	7.84	163,764	66.6	742,123	11,494,380	15.49
43	4,354	1.7	7,872	38,224	4.86	22,552	8.6	123,078	488,204	3.97	137,036	52.1	581,615	7,072,765	12.16
44	3,227	1.2	5,757	32,985	5.73	17,470	6.4	88,599	368,281	4.16	128,043	46.7	498,659	6,312,322	12.66
45	3,028	1.4	8,379	46,055	5.50	31,239	14.6	376,466	2,220,448	5.90	113,636	52.9	616,350	6,838,802	11.10
46	1,040	0.9	2,667	17,614	6.60	6,015	5.0	61,794	354,384	5.73	48,727	40.4	287,447	2,447,313	8.51
47	3,128	1.6	5,745	50,890	8.86	71,176	37.4	1,591,469	17,600,558	11.06	104,564	55.0	424,436	6,053,151	14.26
48	8,500	2.0	22,445	186,304	8.30	66,661	16.0	742,769	5,755,038	7.75	221,345	53.0	885,260	13,808,127	15.60
49	1,454	5.5	8,748	89,264	10.20	2,205	8.4	37,471	364,535	9.73	5,104	19.5	33,143	493,007	14.88
50	1,801	5.8	4,789	43,143	9.01	5,584	18.1	150,230	1,707,827	11.37	10,470	34.0	47,437	659,590	13.90
51	431	3.9	1,948	21,743	11.16	837	7.6	10,740	111,721	10.40	2,506	22.8	13,064	201,758	15.44
52	2,591	5.6	11,557	115,405	9.99	5,398	11.7	124,667	1,389,749	11.15	12,330	26.7	52,081	809,069	15.53
53	1,222	3.4	3,658	33,108	9.08	2,047	5.7	20,280	132,057	6.51	6,677	18.7	21,929	267,252	12.19
54	171	1.9	1,144	9,361	8.18	489	5.3	9,780	82,318	8.42	816	8.8	3,299	44,124	13.37
55	1,233	5.7	5,312	46,830	8.82	2,859	13.2	30,072	232,347	7.73	10,040	46.3	31,210	434,953	13.94
56	217	8.1	1,416	13,047	9.21	413	15.4	9,660	85,724	8.87	673	25.0	5,943	82,963	13.96
57	10,345	18.4	44,238	356,576	8.06	7,762	13.8	121,886	1,291,725	10.60	18,129	32.3	92,600	1,444,108	15.60
58	9,539	21.0	40,756	286,941	7.04	8,148	17.9	129,641	1,414,722	10.91	18,153	39.9	102,755	1,520,479	14.80
59	4,767	5.4	50,538	328,033	6.49	13,605	15.4	478,678	4,861,520	10.16	15,337	17.4	82,270	1,053,424	12.80

DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS—FARMS REPORTING, NUMBER SOLD.

Table 49—Continued.

	DIVISION OR STATE.	SHEEP.									GOATS.				
		Sold.				Slaughtered.					Sold.				
		Farms reporting.		Number of animals.	Receipts from sales.		Farms reporting.		Number of animals.	Value.		Farms reporting.		Number of animals.	Receipts from sales.	
		Number.	Per ct. of all farms.		Total.	Av. per head.	Number.	Per ct. of all farms.		Total.	Av. per head.	Number.	Per ct. of all farms.		Total.	Av. per head.
1	**United States**	**297,378**	**4.7**	**18,991,456**	**$82,506,542**	**$4.34**	**69,299**	**1.1**	**529,526**	**$2,267,729**	**$4.28**	**12,930**	**0.2**	**407,563**	**$946,810**	**$2.32**
	GEOGRAPHIC DIVISIONS:															
2	New England	10,178	5.4	181,504	723,623	3.99	3,474	1.8	41,719	185,313	4.44	162	0.1	1,048	4,593	4.38
3	Middle Atlantic	29,581	6.3	733,204	3,347,996	4.57	6,311	1.3	80,724	443,342	5.49	277	0.1	1,965	9,242	4.70
4	East North Central	122,074	10.9	3,944,079	19,338,167	4.90	13,508	1.2	57,686	277,920	4.82	1,190	0.1	13,439	48,402	3.60
5	West North Central	47,932	4.3	2,694,142	13,182,975	4.89	14,288	1.3	45,612	221,074	4.85	1,715	0.2	47,825	133,146	2.78
6	South Atlantic	36,746	3.3	995,135	4,387,828	4.41	10,672	1.0	36,701	151,433	4.13	1,855	0.2	16,007	32,431	2.03
7	East South Central	35,467	3.4	1,157,673	5,072,379	4.38	9,371	0.9	34,236	133,959	3.91	3,078	0.3	29,825	52,322	1.75
8	West South Central	5,183	0.5	506,421	1,658,693	3.28	3,202	0.3	20,195	61,340	3.04	2,689	0.3	170,084	368,775	2.17
9	Mountain	5,257	2.9	6,787,685	27,208,628	4.02	5,428	3.0	153,572	552,670	3.60	722	0.4	77,821	179,805	2.31
10	Pacific	5,460	2.9	1,991,613	7,490,253	3.76	3,045	1.6	59,081	240,669	4.07	1,242	0.7	49,549	118,094	2.38
	NEW ENGLAND:															
11	Maine	5,978	10.0	89,522	320,533	3.58	1,997	3.3	23,277	93,970	4.04	44	0.1	313	1,250	3.99
12	New Hampshire	944	3.5	14,340	59,072	4.12	464	1.7	5,987	28,315	4.73	28	0.1	215	891	4.14
13	Vermont	2,565	7.8	64,044	272,671	4.26	576	1.8	6,609	31,148	4.71	25	0.1	179	641	3.58
14	Massachusetts	385	1.0	6,558	32,637	4.98	202	0.5	2,412	12,887	5.34	42	0.1	275	1,332	4.84
15	Rhode Island	90	1.7	1,153	5,263	4.56	40	0.8	749	4,198	5.60	3	0.1	7	41	5.86
16	Connecticut	216	0.8	5,887	33,447	5.68	195	0.7	2,685	14,795	5.51	20	0.1	59	438	7.42
	MIDDLE ATLANTIC:															
17	New York	14,765	6.8	403,307	1,926,552	4.78	3,155	1.5	51,277	290,202	5.66	114	0.1	1,085	5,620	5.18
18	New Jersey	403	1.2	9,356	53,940	5.77	149	0.4	1,229	7,743	6.30	22	0.1	82	465	5.67
19	Pennsylvania	14,413	6.6	320,541	1,367,504	4.27	3,007	1.4	28,218	145,397	5.15	141	0.1	798	3,157	3.96
	EAST NORTH CENTRAL:															
20	Ohio	35,781	13.2	1,287,373	5,798,954	4.50	2,459	0.9	16,754	84,937	5.07	262	0.1	3,838	17,594	4.58
21	Indiana	21,202	9.8	584,778	2,947,653	5.04	951	0.4	3,714	19,426	5.23	283	0.1	1,685	5,044	2.99
22	Illinois	12,948	5.1	534,030	2,833,972	5.31	1,649	0.7	4,284	27,350	6.38	373	0.1	4,232	11,611	2.74
23	Michigan	36,004	17.4	1,140,614	5,847,488	5.13	3,012	1.5	17,818	80,108	4.50	135	0.1	2,410	9,649	4.00
24	Wisconsin	16,139	9.1	397,284	1,910,100	4.81	5,437	3.1	15,116	66,108	4.37	137	0.1	1,274	4,504	3.54
	WEST NORTH CENTRAL:															
25	Minnesota	8,599	5.5	242,613	1,153,716	4.76	5,418	3.5	16,231	71,202	4.39	124	0.1	815	3,039	3.73
26	Iowa	9,925	4.6	594,869	3,245,607	5.46	2,556	1.2	6,180	35,044	5.67	336	0.2	15,775	44,809	2.84
27	Missouri	24,283	8.8	883,160	3,941,259	4.46	3,171	1.1	7,461	37,067	4.97	916	0.3	24,500	63,305	2.58
28	North Dakota	773	1.0	75,459	277,821	3.68	927	1.2	4,342	19,563	4.51	22	(1)	121	525	4.34
29	South Dakota	1,631	2.1	227,837	942,516	4.14	1,119	1.4	7,246	37,343	5.15	58	0.1	1,067	4,436	4.16
30	Nebraska	1,459	1.1	395,872	2,181,021	5.51	551	0.4	1,758	9,302	5.31	105	0.1	2,059	6,110	2.97
31	Kansas	1,202	0.7	274,832	1,441,035	5.25	546	0.3	2,399	11,553	4.82	154	0.1	3,488	10,922	3.13
	SOUTH ATLANTIC:															
32	Delaware	96	0.9	1,301	6,261	4.81	16	0.1	87	398	4.57	9	0.1	15	91	6.07
33	Maryland	3,096	6.3	76,827	352,049	4.58	530	1.1	2,952	15,476	5.24	31	0.1	319	1,264	3.96
34	District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Virginia	11,807	6.4	410,025	1,925,014	4.69	2,580	1.4	9,185	40,955	4.46	101	0.1	1,994	10,056	5.04
36	West Virginia	14,953	15.5	410,133	1,791,762	4.37	3,173	3.3	8,269	39,353	4.76	75	0.1	819	3,035	3.71
37	North Carolina	5,279	2.1	75,437	261,281	3.46	3,026	1.2	9,763	35,011	3.59	602	0.2	2,876	5,465	1.90
38	South Carolina	343	0.2	3,894	12,723	3.27	318	0.2	1,409	4,666	3.31	295	0.2	1,916	2,873	1.50
39	Georgia	1,113	0.4	14,602	31,337	2.15	928	0.3	3,552	10,814	3.04	575	0.2	4,782	5,887	1.23
40	Florida	59	0.1	2,916	7,401	2.54	101	0.2	1,484	4,760	3.21	167	0.3	3,286	3,760	1.14
	EAST SOUTH CENTRAL:															
41	Kentucky	19,243	7.4	671,321	3,082,029	4.59	3,250	1.3	10,050	49,734	4.67	703	0.3	6,915	15,925	2.30
42	Tennessee	14,178	5.8	456,484	1,921,073	4.21	3,722	1.5	13,490	54,078	4.01	1,167	0.5	9,988	20,776	2.08
43	Alabama	1,289	0.5	18,539	44,339	2.39	1,293	0.5	5,251	15,688	2.99	758	0.3	8,022	10,382	1.29
44	Mississippi	757	0.3	11,329	24,938	2.20	1,106	0.4	4,845	14,459	2.98	450	0.2	4,900	5,239	1.07
	WEST SOUTH CENTRAL:															
45	Arkansas	2,533	1.2	49,356	137,706	2.79	1,250	0.6	5,705	19,050	3.34	755	0.4	8,675	12,230	1.41
46	Louisiana	375	0.3	13,804	33,169	2.39	678	0.6	3,965	10,853	2.74	237	0.2	3,636	4,221	1.16
47	Oklahoma	307	0.2	41,768	176,533	4.23	185	0.1	1,129	4,872	4.32	250	0.1	5,049	15,078	2.99
48	Texas	1,968	0.5	401,433	1,311,285	3.27	1,089	0.3	9,396	26,565	2.83	1,447	0.3	152,724	337,246	2.21
	MOUNTAIN:															
49	Montana	711	2.7	1,543,632	6,948,963	4.50	426	1.6	13,785	59,487	4.32	13	(1)	1,159	2,735	2.36
50	Idaho	842	2.7	1,021,847	4,284,046	4.19	611	2.0	8,494	38,661	4.55	19	0.1	701	2,965	4.23
51	Wyoming	672	6.1	1,276,011	4,957,272	3.88	565	5.1	20,832	98,799	4.74	8	0.1	89	456	5.12
52	Colorado	879	1.9	977,460	4,257,243	4.36	577	1.2	10,945	71,088	3.61	90	0.2	5,641	12,124	2.15
53	New Mexico	1,109	3.3	1,009,504	3,188,844	3.16	2,275	6.4	58,839	168,552	2.86	503	1.4	48,398	106,611	2.20
54	Arizona	133	1.4	205,496	749,203	3.65	194	2.1	8,125	26,233	3.23	73	0.8	17,765	41,889	2.36
55	Utah	738	3.4	425,089	1,714,184	4.03	676	3.1	16,579	59,470	3.59	16	0.1	4,068	13,025	3.20
56	Nevada	113	4.2	328,046	1,198,873	3.65	104	3.9	6,973	29,480	4.23	.....	.....	.....	.....	.....
	PACIFIC:															
57	Washington	729	1.3	177,169	741,226	4.18	731	1.3	7,380	35,067	4.75	81	0.1	966	3,822	3.96
58	Oregon	3,018	6.6	998,484	3,730,096	3.74	1,395	3.1	15,786	62,930	3.99	887	1.9	28,832	59,589	2.07
59	California	1,713	1.9	815,960	3,024,931	3.71	919	1.0	35,915	142,672	3.97	274	0.3	19,751	54,683	2.77

(1) Less than one-tenth of 1 per cent.

AMOUNT RECEIVED FROM SALES, AND NUMBER AND VALUE OF ANIMALS SLAUGHTERED: 1909—Continued.

	GOATS—continued.					HORSES.					MULES.					ASSES AND BURROS.				
	Slaughtered.					Sold.					Sold.					Sold.				
	Farms reporting.		Number of animals.	Value.		Farms reporting.		Number of animals.	Receipts from sales.		Farms reporting.		Number of animals.	Receipts from sales.		Farms reporting.		Number of animals.	Receipts from sales.	
	Number.	Per ct. of all farms.		Total.	Av. per head.	Number.	Per ct. of all farms.		Total.	Av. per head.	Number.	Per ct. of all farms.		Total.	Av. per head.	Number.	Per ct. of all farms.		Total.	Av. per head.
1	14,726	0.2	118,989	$234,502	$1.97	715,136	11.2	1,768,342	$210,264,479	$118.90	257,800	4.1	716,862	$94,359,550	$131.63	5,338	0.1	17,734	$1,833,101	$103.37
2	34	(1)	157	611	3.89	12,980	6.9	33,894	4,557,190	134.45	85	(1)	276	47,842	173.34	7	(1)	11	234	21.27
3	83	(1)	274	1,155	4.22	51,926	11.1	103,705	12,714,225	122.60	2,307	0.5	6,515	938,953	144.12	57	(1)	198	7,310	36.92
4	311	(1)	739	2,395	3.24	212,971	19.0	476,628	64,520,499	135.37	28,675	2.6	89,665	11,477,495	128.00	583	0.1	2,668	170,814	64.02
5	727	0.1	2,207	6,746	2.94	224,068	20.2	636,502	79,254,856	124.52	73,434	6.6	251,347	35,086,146	139.59	1,436	0.1	5,925	846,274	142.83
6	2,262	0.2	10,134	15,548	1.53	46,445	4.2	85,519	9,270,128	108.40	22,107	2.0	42,659	5,652,701	132.51	279	(1)	632	39,692	62.80
7	3,671	0.4	18,629	30,902	1.66	57,610	5.5	98,074	10,013,375	102.10	67,322	6.5	160,392	21,258,297	132.54	1,082	0.1	2,313	394,504	170.56
8	3,606	0.4	37,831	67,494	1.78	68,361	7.2	155,430	13,141,491	84.55	59,378	6.3	146,840	17,554,241	119.55	1,493	0.2	4,636	292,650	63.13
9	2,838	1.5	39,383	83,137	2.11	20,688	11.3	110,040	9,102,421	82.72	2,202	1.2	7,327	778,709	106.28	287	0.2	1,028	40,972	39.86
10	1,194	0.6	9,545	26,514	2.78	20,087	10.6	68,550	7,690,294	112.19	2,290	1.2	11,841	1,565,166	132.18	114	0.1	323	40,651	125.85
11	14	(1)	40	147	3.68	4,758	7.9	12,003	1,775,688	147.94	25	(1)	44	6,580	149.55	3	(1)	6	148	24.67
12	1	(1)	6	24	4.00	1,616	6.0	4,966	628,341	126.53	7	(1)	58	10,990	189.48					
13	8	(1)	86	332	3.86	3,220	9.8	7,158	847,239	118.36	35	0.1	55	6,365	115.73	1	(1)	1	15	15.00
14	7	(1)	19	87	4.58	1,991	5.4	5,963	833,141	139.72	9	(1)	16	3,330	208.13	1	(1)	1	18	18.00
15						193	3.6	579	64,869	112.04	1	(1)	8	2,000	250.00	1	(1)	1	25	25.00
16	4	(1)	6	21	3.50	1,202	4.5	3,225	407,912	126.48	8	(1)	95	18,577	195.55	1	(1)	2	28	14.00
17	31	(1)	111	518	4.67	20,022	9.6	39,552	4,735,969	119.74	196	0.1	377	53,200	141.11	22	(1)	77	1,882	24.44
18	11	(1)	19	114	6.00	2,007	6.0	4,921	626,777	127.37	89	0.3	245	37,808	154.32	1	(1)	1	20	20.00
19	41	(1)	144	523	3.63	29,297	13.4	59,232	7,351,479	124.11	2,022	0.9	5,893	847,945	143.89	34	(1)	120	5,408	45.07
20	39	(1)	89	301	3.38	49,142	18.1	104,500	14,940,458	142.97	1,742	0.6	3,864	524,146	135.65	75	(1)	320	16,257	50.80
21	97	(1)	187	533	2.85	46,245	21.5	110,115	15,382,998	139.70	9,610	4.5	32,577	4,404,552	135.20	111	0.1	242	35,153	145.26
22	97	(1)	199	594	2.98	62,018	24.6	165,925	22,581,045	136.09	16,876	6.7	52,426	6,447,779	122.99	363	0.1	2,028	114,391	56.41
23	40	(1)	117	433	3.70	30,297	14.6	52,432	6,393,341	121.94	271	0.1	484	64,758	133.80	20	(1)	50	2,739	54.78
24	38	(1)	147	534	3.63	25,269	14.3	43,656	5,222,657	119.63	176	0.1	314	36,260	115.48	14	(1)	28	2,274	81.21
25	56	(1)	161	572	3.55	24,448	15.7	45,790	5,847,186	127.70	375	0.2	687	85,498	124.45	53	(1)	341	7,127	20.90
26	79	(1)	213	645	3.03	62,087	28.6	181,556	25,970,548	143.04	5,656	2.6	15,612	2,229,797	142.83	60	(1)	96	25,698	267.69
27	458	0.2	1,558	4,122	2.65	50,197	18.1	124,585	14,314,286	114.90	43,293	15.6	150,436	21,193,808	140.88	807	0.3	3,316	596,401	179.86
28	7	(1)	21	79	3.76	11,013	14.8	36,983	4,800,432	129.80	248	0.3	636	92,121	144.84	22	(1)	78	2,173	27.86
29	28	(1)	68	274	4.03	13,851	17.8	50,858	5,459,718	107.35	634	0.8	1,511	200,908	132.96	29	(1)	332	9,292	27.99
30	21	(1)	59	234	3.97	26,729	20.6	91,218	10,525,733	115.39	5,866	4.5	17,541	2,351,325	134.05	163	0.1	1,006	78,271	77.80
31	78	(1)	217	820	3.78	35,743	20.1	105,512	12,336,953	116.92	17,362	9.8	64,924	8,932,689	137.59	302	0.2	756	127,312	168.40
32	2	(1)	2	5	2.50	665	6.1	1,453	157,985	108.73	140	1.3	307	38,226	124.51	2	(1)	5	225	45.00
33	6	(1)	13	44	3.38	5,099	10.4	10,549	1,114,751	105.67	718	1.5	1,882	211,825	112.55	13	(1)	64	2,273	35.52
34						4	1.8	9	839	93.22	3	1.4	8	569	71.13					
35	57	(1)	168	818	4.87	15,148	8.2	31,878	3,700,333	116.08	3,374	1.8	7,021	871,541	124.13	50	(1)	115	8,420	73.22
36	30	(1)	74	239	3.23	11,797	12.2	19,456	2,085,711	107.20	1,258	1.3	2,290	266,542	116.39	51	0.1	193	6,969	36.11
37	681	0.3	2,201	3,955	1.80	7,249	2.9	12,236	1,179,010	96.36	6,428	2.5	10,885	1,267,679	116.46	98	(1)	151	11,067	73.29
38	314	0.2	1,364	2,089	1.53	1,648	0.9	2,818	306,728	108.85	2,421	1.4	4,346	603,359	138.83	36	(1)	64	6,777	105.89
39	860	0.3	4,054	5,370	1.32	3,867	1.3	5,453	562,329	103.12	7,247	2.5	15,028	2,264,628	150.69	27	(1)	38	3,636	95.68
40	312	0.6	2,258	3,028	1.34	968	1.9	1,667	162,442	97.45	518	1.0	892	128,332	143.87	2	(1)	2	325	162.50
41	509	0.2	1,894	4,759	2.51	23,962	9.2	43,301	4,755,716	109.83	23,342	9.0	60,392	7,891,020	130.66	298	0.1	596	157,425	264.14
42	1,080	0.4	4,563	8,933	1.96	22,486	9.1	39,011	3,885,888	99.61	30,327	12.3	78,170	10,753,877	137.57	644	0.3	1,535	214,304	139.61
43	1,365	0.5	8,385	12,751	1.52	5,523	2.1	7,787	695,417	89.30	8,083	3.1	12,661	1,522,101	120.22	78	(1)	88	7,947	90.31
44	717	0.3	3,787	4,459	1.18	5,639	2.1	7,975	676,354	84.81	5,570	2.0	9,169	1,091,299	119.02	62	(1)	94	14,828	157.74
45	952	0.4	5,499	9,094	1.65	13,991	6.5	22,073	1,868,641	84.66	13,210	6.2	25,443	2,844,746	111.81	273	0.1	530	45,516	85.88
46	469	0.4	2,724	3,730	1.37	2,468	2.0	4,109	244,559	59.52	1,417	1.2	3,229	337,542	104.53	11	(1)	12	1,397	116.42
47	217	0.1	1,185	2,982	2.52	23,373	12.3	59,751	5,446,015	91.15	17,661	9.3	47,193	6,442,816	136.52	365	0.2	1,062	99,205	93.41
48	1,968	0.5	28,423	51,688	1.82	28,529	6.8	69,497	5,582,276	80.32	27,090	6.5	70,975	7,929,137	111.72	844	0.2	3,032	146,532	48.33
49	11	(1)	52	232	4.46	3,821	14.6	31,037	2,681,077	86.38	174	0.7	950	86,388	90.93	4	(1)	6	3,575	595.83
50	13	(1)	88	339	3.85	3,798	12.3	13,484	1,356,943	100.63	171	0.6	495	62,107	125.47	5	(1)	15	6,010	400.67
51	5	(1)	24	117	4.88	1,703	15.5	12,711	1,037,158	81.60	69	0.6	295	25,581	86.72	2	(1)	5	340	68.00
52	186	0.4	3,740	8,565	2.29	5,454	11.8	23,821	2,232,206	93.71	776	1.7	2,697	300,744	111.51	47	0.1	403	10,843	26.91
53	2,341	6.6	26,037	53,094	2.04	2,217	6.2	11,208	533,304	47.58	765	2.1	2,038	216,019	106.00	169	0.5	379	9,139	24.11
54	227	2.5	6,634	15,020	2.26	777	8.4	4,357	255,136	58.56	69	0.7	216	28,752	133.11	26	0.3	69	2,097	30.39
55	53	0.2	2,798	5,726	2.05	2,549	11.8	7,069	758,914	107.36	130	0.6	382	32,341	84.66	20	0.1	79	7,770	98.35
56	2	0.1	10	44	4.40	369	13.7	6,353	247,083	38.99	48	1.8	254	26,777	105.42	14	0.5	72	1,198	16.64
57	96	0.2	686	2,552	3.72	6,028	10.7	18,106	2,108,438	116.45	317	0.6	1,240	181,566	146.42	15	(1)	86	6,755	78.55
58	763	1.7	4,858	12,295	2.53	6,104	13.4	21,455	2,204,891	102.77	346	0.8	1,685	181,751	107.86	37	0.1	71	13,220	186.20
59	335	0.4	4,001	11,667	2.92	7,955	9.0	28,989	3,376,965	116.49	1,627	1.8	8,916	1,201,849	134.80	62	0.1	166	20,676	124.55

CHAPTER VIII.

SUMMARY FOR ALL CROPS.

[WITH STATISTICS OF PURCHASE AND SALE OF CROPS SUITABLE FOR FEEDING ANIMALS AND OF FARM EXPENDITURES FOR LABOR AND FERTILIZERS.]

THE UNITED STATES AS A WHOLE.

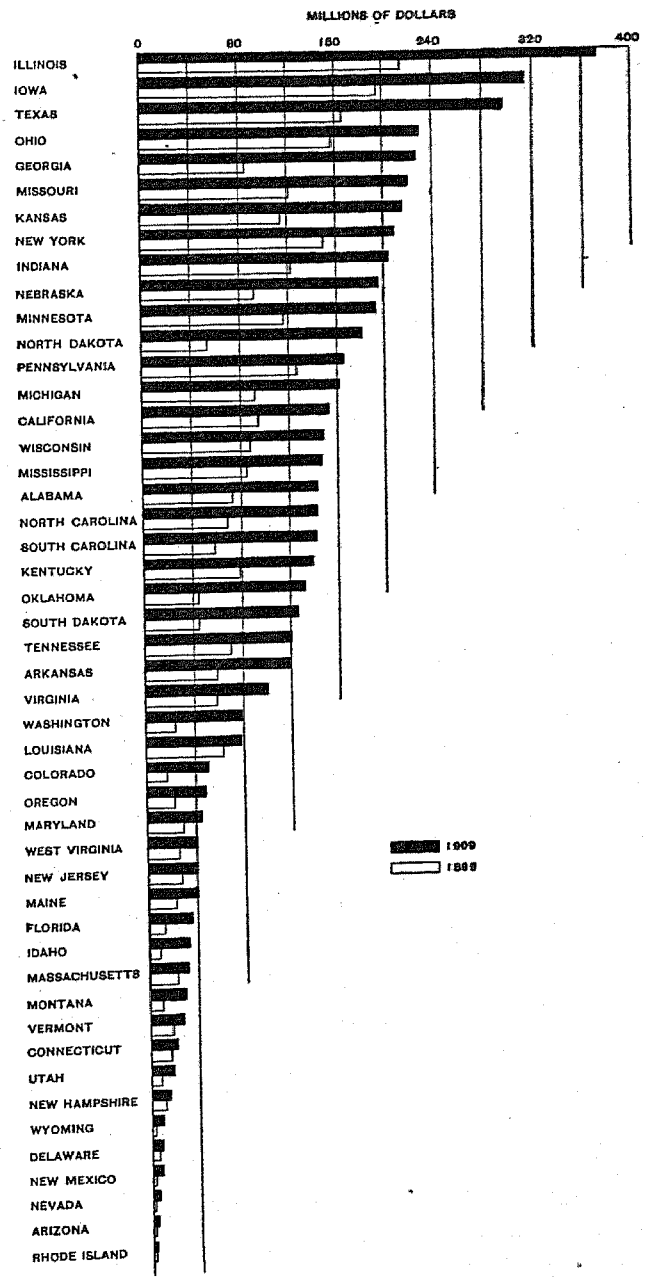
Acreage and value of all crops: 1909 and 1899.—The principal statistics of crops for 1909 and 1899 for the United States as a whole are given in Table 1.

The value of all crops in 1909 was $5,487,161,000, as compared with $2,998,704,000 in 1899, the increase for the decade thus being $2,488,457,000, or 83 per cent. The diagram on this page shows for the individual states, for 1909 and 1899, the approximate value of all crops.

For most of the crops the number of acres harvested was reported, the value of the crops with acreage reports constituting 92.5 per cent of the total value of all crops. The acreage of the crops with acreage reports was 311,293,382 in 1909, and 283,218,280 in 1899, showing an increase of 28,075,102, or 9.9 per cent, for the decade. The acreage devoted to the production of these crops constituted 35.4 per cent of the total land in farms and 65.1 per cent of the improved land. The crops for which no acreage reports were secured are (1) orchard and tropical fruits, grapes, and nuts, for which the number of trees or vines rather than the acreage was called for; (2) certain seeds, straw, and cornstalks, the acreage of which would largely duplicate the acreage of primary crops; and (3) forest products and maple sugar and sirup, which are derived from unimproved land. The acreage of improved land occupied by crops other than those for which acreage reports were secured is thus largely devoted to fruits and nuts and may be estimated at between 1 and 2 per cent of the total improved acreage. About three-eighths of the improved acreage is thus unaccounted for by crops and consists of improved pastures, land lying fallow, and land in house yards and barnyards.

It is possible that, because of the difficulty in discriminating precisely between improved and unimproved land, the figures for the improved land at the last two censuses are not wholly comparable. Attention is called to the fact that improved farm land, as reported, increased by 63,953,263 acres, while land in crops for which the acreage was given increased only 28,075,102 acres. It should be noted, however, that the acreage devoted to orchards and vineyards probably increased during the decade. There was an increase of 20.4 per cent in dairy cows, which doubtless means a considerable increase in the improved land in pastures. In addition to these increases, it is quite probable that the amount of land lying fallow is greater at the present time than it was a decade ago. The proportion which all land in farms, improved land in farms, and land in crops, with acreage reports, formed of the total land area in 1910, is shown for each of the states in the following diagram.

TOTAL VALUE OF ALL FARM CROPS: 1909 AND 1899.



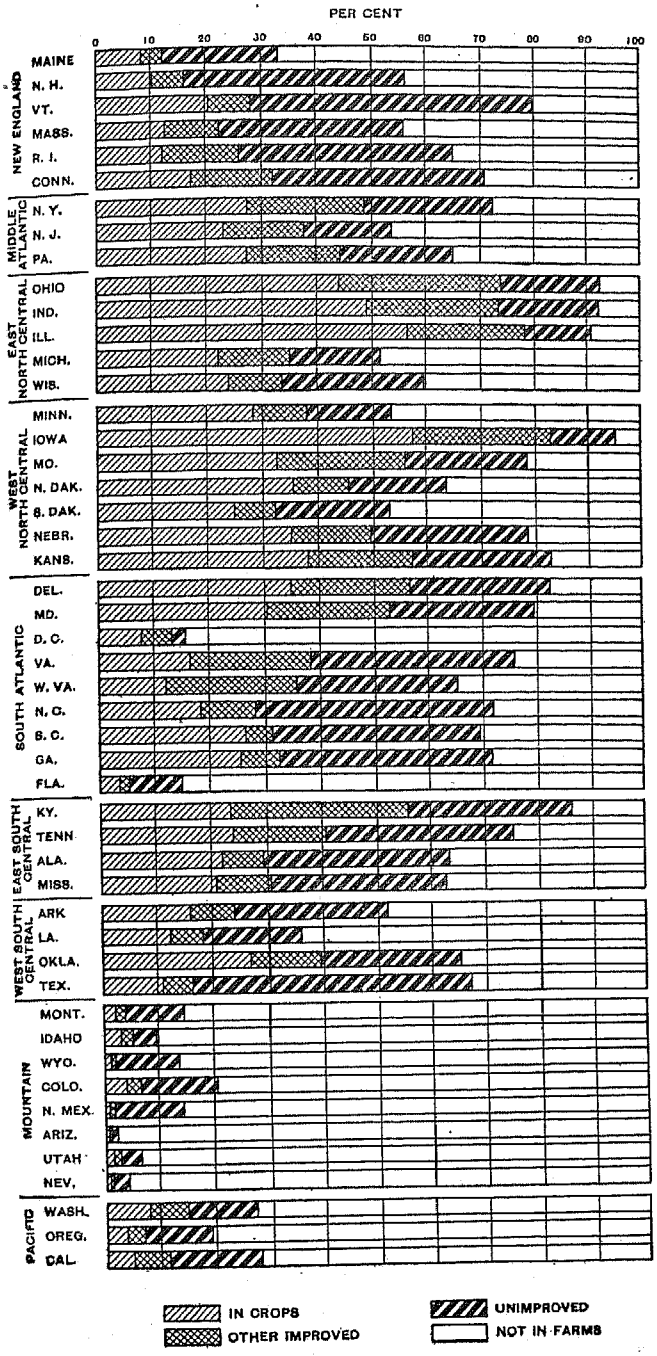
ACREAGE, PRODUCTION, AND VALUE OF ALL CROPS, FOR THE UNITED STATES: 1909 AND 1899.

Table 1

CROP.	ACREAGE. 1909	ACREAGE. 1899	ACREAGE. Increase.[1] Amount.	ACREAGE. Increase.[1] Per cent.	PRODUCTION. Unit.	PRODUCTION. 1909	PRODUCTION. 1899	PRODUCTION. Increase.[1] Amount.	PRODUCTION. Increase.[1] Per cent.	VALUE (DOLLARS). 1909	VALUE (DOLLARS). 1899	VALUE (DOLLARS). Increase.[1] Amount.	VALUE (DOLLARS). Increase.[1] Per cent.
All crops										5,487,161,223	2,998,704,412	2,488,456,811	83.0
With acreage reports	311,293,382	283,218,280	28,075,102	9.9						5,073,997,594	2,768,339,569	2,305,658,025	83.3
With no acreage reports										413,163,629	230,364,843	182,798,786	79.3
Cereals	191,395,963	184,982,220	6,413,743	3.5	Bu.	4,512,564,465	4,438,857,013	73,707,452	1.7	2,665,530,714	1,482,603,049	1,182,936,665	79.8
Corn	98,382,665	94,913,673	3,468,992	3.7	Bu.	2,552,189,630	2,666,324,370	−114,134,740	−4.3	1,438,553,919	828,192,388	610,361,531	73.7
Oats	35,159,441	29,539,698	5,619,743	19.0	Bu.	1,007,142,980	943,389,375	63,753,605	6.8	414,697,422	217,098,584	197,598,838	91.0
Wheat	44,262,592	52,588,574	−8,325,982	−15.8	Bu.	683,379,259	658,534,252	24,845,007	3.8	657,656,801	369,945,320	287,711,481	77.8
Barley	7,698,706	4,470,196	3,228,510	72.2	Bu.	173,344,212	119,634,877	53,709,335	44.9	92,458,571	41,631,762	50,826,809	122.1
Buckwheat	878,048	807,060	70,988	8.8	Bu.	14,849,332	11,233,515	3,615,817	32.2	9,330,592	5,747,853	3,582,739	62.3
Rye	2,195,561	2,054,292	141,269	6.9	Bu.	20,520,457	25,568,625	−3,951,892	15.5	20,421,812	12,290,540	8,131,272	66.2
Kafir corn and milo maize	1,635,153	266,513	1,368,640	513.5	Bu.	17,597,305	5,169,113	12,428,192	240.4	10,816,940	1,367,040	9,449,900	691.3
Emmer and spelt	573,622		573,622		Bu.	12,702,710		12,702,710		5,584,050		5,584,050	
Rough rice	610,175	342,214	267,961	78.3	Bu.	21,838,580	9,002,886	12,835,694	142.6	16,019,607	6,329,562	9,690,045	153.1
Other grains and seeds										97,536,085	51,626,538	45,909,547	88.9
With acreage reports	5,157,374	4,075,120	1,082,254	26.6						80,087,389	42,572,102	38,415,287	90.2
Dry edible beans	802,991	453,841	349,150	76.9	Bu.	11,251,160	5,064,490	6,186,670	122.2	21,771,482	7,633,636	14,137,846	185.2
Other beans	14,947	25,738	−10,791	−41.9	Bu.	179,733	143,388	36,345	25.3	241,060	134,084	106,976	79.8
Dry peas	1,305,099	968,370	336,729	34.8	Bu.	7,120,294	9,440,210	−2,319,916	−24.5	10,963,739	7,908,966	3,054,773	38.6
Peanuts	869,887	516,654	353,233	68.4	Bu.	19,415,816	11,964,109	7,451,707	62.3	18,271,920	7,270,515	11,001,414	151.3
Flaxseed	2,083,142	2,110,517	−27,375	−1.3	Bu.	19,512,765	19,979,492	−466,727	−2.3	28,970,554	19,624,901	9,345,653	47.6
Miscellaneous seeds	81,308		81,308							768,625		768,625	
Grass seed					Bu.	6,671,348	4,865,078	1,806,270	37.1	15,137,683	8,228,417	6,909,266	84.0
Flower and vegetable seeds										1,411,013	826,019	584,994	70.8
Hay and forage	72,280,776	61,691,069	10,589,707	17.2	Tons.	97,453,735	79,251,562	18,202,173	23.0	824,004,877	484,254,703	339,750,174	70.2
Tobacco	1,294,911	1,101,460	193,451	17.6	Lbs.	1,055,704,806	808,112,865	187,651,941	21.6	104,302,856	50,987,902	47,314,954	93.0
Cotton and cotton seed										824,696,287	370,708,746	453,987,541	122.5
Cotton	32,043,838	24,275,101	7,768,737	32.0	Bales.	10,649,268	9,534,707	1,114,561	11.7	703,619,303	323,758,171	379,861,132	117.3
Cotton seed [2]					Tons.	5,324,634	4,767,353	557,281	11.7	121,076,984	46,950,575	74,126,409	157.9
Sugar crops										61,648,942	32,604,689	29,044,253	89.1
With acreage reports	1,285,031	790,308	494,723	62.6						56,471,133	29,967,978	26,503,155	88.4
Sugar beets	364,093	110,170	253,923	230.5	Tons.	3,932,857	793,353	3,139,504	395.7	19,880,724	3,323,240	16,557,484	498.2
Sorghum cane	444,089	293,152	150,937	51.5	Tons.	1,047,202	1,910,046	−262,784	−13.8	10,174,457	6,103,102	4,071,355	66.7
Sugar cane	476,849	386,986	89,863	23.2	Tons.	6,240,260	4,202,202	2,038,058	48.5	26,415,952	20,541,636	5,874,316	28.6
Maple sugar and sirup										5,177,809	2,636,711	2,541,098	96.4
Other minor crops										18,068,658	9,590,792	8,477,866	88.4
With acreage reports	390,784	286,213	104,571	36.5						13,987,552	8,800,834	5,186,718	58.9
Broom corn	326,102	178,584	147,518	82.6	Lbs.	78,959,058	90,947,370	−11,987,412	−13.2	5,134,434	3,588,414	1,546,020	43.1
Hemp	7,647	16,042	−8,395	−52.3	Lbs.	7,483,205	11,750,630	−4,267,335	−36.3	412,699	546,338	−133,639	−24.5
Hops	44,693	55,613	−10,920	−19.6	Lbs.	40,718,748	49,209,704	−8,490,956	−17.3	7,844,745	4,081,929	3,762,816	92.2
All other	12,342	35,974	−23,632	−65.7						595,674	584,153	11,521	2.0
With no acreage reports										4,081,106	789,958	3,291,148	416.6
Vegetables	7,073,379	5,638,220	1,435,159	25.5						418,110,154	238,531,761	179,578,393	75.3
Potatoes	3,068,855	2,938,778	730,077	24.8	Bu.	389,194,965	273,318,167	115,876,798	42.4	166,423,910	98,380,110	68,043,800	69.2
Sweet potatoes and yams	641,255	537,312	103,943	19.3	Bu.	59,232,070	42,517,412	16,714,658	39.3	35,429,176	19,869,840	15,559,336	78.3
Other vegetables	2,763,269	2,162,130	601,139	27.8						216,257,068	120,281,811	95,975,257	79.8
Fruits and nuts										222,024,216	133,048,721	88,975,495	66.9
Small fruits	272,460	309,770	−37,310	−12.0	Qts.	426,565,863	463,218,612	−36,652,749	−7.9	29,974,481	25,029,757	4,944,724	19.8
Strawberries	143,045	151,363	−8,318	−5.5	Qts.	255,702,035	257,427,103	−1,725,068	−0.7	17,913,926			
Blackberries and dewberries	49,004	50,211	−1,207	−2.4	Qts.	55,343,570	62,189,885	−6,846,315	−11.0	3,909,831			
Raspberries and loganberries	48,668	60,916	−12,248	−20.1	Qts.	60,918,196	76,628,107	−15,709,911	−20.5	5,132,277			
Cranberries	18,431	20,364	−1,933	−9.5	Qts.	38,243,060	31,600,512	6,642,548	21.0	1,755,613			
All other	13,312	26,916	−13,604	−50.5	Qts.	10,359,002	35,373,005	−19,014,003	−53.8	1,262,834			
Orchard fruits					Bu.	214,083,695	212,365,600	2,318,095	1.1	140,867,347	83,750,961	57,116,386	68.2
Apples					Bu.	146,122,318	175,397,600	−29,275,282	−16.7	83,231,492			
Peaches and nectarines					Bu.	35,470,276	15,432,603	20,037,673	129.8	28,781,078			
Pears					Bu.	8,840,733	6,625,417	2,215,316	33.4	7,910,600			
Plums and prunes					Bu.	15,480,170	8,764,032	6,716,138	76.6	10,299,495			
Cherries					Bu.	4,126,099	2,873,499	1,252,600	43.6	7,231,160			
Apricots					Bu.	4,150,263	2,642,128	1,508,135	57.1	2,884,119			
All other					Bu.	493,836	630,321	−136,485	−21.7	529,403			
Grapes					Lbs.	2,571,005,205	1,300,984,097	1,270,081,108	97.6	22,027,961	14,090,234	7,937,727	56.3
Tropical and subtropical fruits										24,706,753	8,227,838	16,478,915	200.3
Oranges					Boxes.	19,487,481	6,167,891	13,319,590	215.9	17,566,464			
Lemons					Boxes.	2,770,313	876,876	1,893,437	215.9	2,993,738			
Pomeloes (grapefruit)					Boxes.	1,189,250	30,790	1,158,460	3,762.3	2,060,610			
Figs					Lbs.	35,060,395	12,994,834	22,065,561	169.8	803,810			
Pineapples					Crates.	778,651	95,456	683,195	715.7	734,090			
Olives					Lbs.	16,405,493	5,053,637	11,351,856	224.6	404,574			
All other										143,467			
Nuts					Lbs.	62,328,010	40,028,825	22,299,185	55.7	4,447,674	[4] 1,949,931	2,497,743	128.1
Almonds					Lbs.	6,793,539	7,142,710	−349,171	−4.9	711,970			
Pecans					Lbs.	9,890,769	3,206,850	6,683,919	208.4	971,596			
Walnuts (Persian or English)					Lbs.	22,020,524	10,668,065	11,358,459	106.5	2,297,330			
All other					Lbs.	[3] 23,617,178	[3] 19,011,200	4,605,978	24.2	[4] 466,772			
Flowers and plants	18,248	9,307	8,941	96.1						34,872,329	18,758,864	16,113,465	85.9
Nursery products	80,618	59,492	21,126	35.5						21,050,822	10,123,873	10,926,949	107.9
Forest products of farms										195,306,283	109,864,774	85,441,509	77.8

[1] A minus sign (−) denotes decrease. [2] Estimated. [3] Does not include coconuts, which are reported by number. [4] Includes value of coconuts.

PROPORTION OF LAND IN FARMS, IMPROVED AND IN CROPS, WITH ACREAGE REPORTS, TO TOTAL LAND AREA: 1910.



The per capita value of crops raised in 1909, based on the population on April 15, 1910, was nearly $60 ($59.66), while 10 years earlier the per capita value, based on the population on June 1, 1900, was somewhat less than $40 ($39.46). There was thus an increase of 51.2 per cent in the value of crops per inhabitant. The increase in the value of crops per farm was even greater, from $523 in 1899 to $863 in 1909, or 65 per cent. A change in the opposite direction, however, appears in the average per capita acreage devoted to the raising of crops. This average is necessarily based only on the crops for which acreage reports were secured. In 1909 the average was 3.4, as compared with 3.7 in 1899, a decrease of 8.1 per cent.

There is no way of determining the relative importance of crops in the total agricultural production of the United States, because the value of the total production, including crops and animal products, can not be ascertained. The sum of the values of these two classes of agricultural products involves a large amount of duplication, because great quantities of crops are fed to the animals on the farms (see Chapter VI). The amount of such duplication can not be measured accurately and the results of an attempt to do so in 1900 were not considered satisfactory. It has been thought best, therefore, not to attempt to give any estimate of the total value of agricultural products in 1909.

Relative importance of different crops: 1909 and 1899.—In comparing the statistics for individual crops shown in Table 1, it should be kept in mind that the returns are probably more accurate for the leading crops than for the minor crops. The reported production of fruits and vegetables is in all probability less than the true production, as a large proportion of these products are consumed on the farm and farmers are apt to underestimate such home consumption. A general discussion of the accuracy of crop statistics has been presented in the introduction to this volume. The relative importance of the various individual crops and groups of crops, as judged by acreage, is shown in Table 2, which gives, for the crops with acreage reports, the percentage of the total improved farm land and the percentage of the total acreage of crops with acreage reports occupied by each crop or group of crops in 1909 and 1899.

Table 2

CROP.	PER CENT OF TOTAL IMPROVED FARM LAND.		PER CENT OF TOTAL ACREAGE OF CROPS WITH ACREAGE REPORT.	
	1909	1899	1909	1899
All crops with acreage reports	65.1	68.3	100.0	100.0
Cereals	40.0	44.6	61.5	65.3
Corn	20.6	22.9	31.6	33.5
Oats	7.3	7.1	11.3	10.4
Wheat	9.3	12.7	14.2	18.6
Barley	1.6	1.1	2.5	1.6
Buckwheat	0.2	0.2	0.3	0.3
Rye	0.5	0.5	0.7	0.7
Kafir corn and milo maize	0.3	0.1	0.5	0.1
Emmer and spelt	0.1	.....	0.2	.....
Rice	0.1	0.1	0.2	0.1
Other grains and seeds:				
Dry edible beans	0.2	0.1	0.3	0.2
Dry peas	0.3	0.2	0.4	0.3
Peanuts	0.2	0.1	0.3	0.2
Flaxseed	0.4	0.5	0.7	0.7
Hay and forage	15.1	14.9	23.2	21.8
Tobacco	0.3	0.3	0.4	0.4
Cotton	6.7	5.9	10.3	8.6
Sugar crops:				
Sugar beets	0.1	(1)	0.1	(1)
Sorghum cane	0.1	0.1	0.1	0.1
Sugar cane	0.1	0.1	0.2	0.1
Other minor field crops:				
Broom corn	0.1	(1)	0.1	0.1
Hemp	(1)	(1)	(1)	(1)
Hops	(1)	(1)	(1)	(1)
Vegetables	1.5	1.4	2.3	2.0
Potatoes	0.8	0.7	1.2	1.0
Sweet potatoes and yams	0.1	0.1	0.2	0.2
Other vegetables	0.6	0.5	0.9	0.8
Small fruits	0.1	0.1	0.1	0.1
Flowers and plants	(1)	(1)	(1)	(1)
Nursery products	(1)	(1)	(1)	(1)

1 Less than one-tenth of 1 per cent.

In 1909 cereals occupied 40 per cent, hay and forage 15.1 per cent, and cotton 6.7 per cent of the total improved land, these three leading groups together

occupying nearly five-eighths (61.8 per cent) of the improved land. Of the total reported crop acreage, the cereals occupied 61.5 per cent, hay and forage 23.2 per cent, and cotton 10.3 per cent, the aggregate for the three crops being 95 per cent of the total. Among cereals, corn is by far the most important, wheat and oats occupying second and third place, respectively. The acreage of corn in 1909 was 20.6 per cent of the total improved acreage of farms, and 31.6 per cent, or nearly one-third, of the total known acreage of crops.

The relative importance of cereals, as measured by acreage, diminished between 1899 and 1909 while that of hay and forage and of cotton increased. The relative decrease for the cereals was due to an absolute decrease in the acreage of wheat and a relative decrease in that of corn, while the percentage for oats was slightly greater in 1909 than in 1899.

Table 3 shows, for 1909 and 1899, the percentage that the value of each crop formed of the total for all crops, also the average value per acre where possible.

Table 3

CROP.	PER CENT OF TOTAL VALUE OF CROPS.		AVERAGE VALUE PER ACRE.	
	1909	1899	1909	1899
All crops	**100.0**	**100.0**	.....	.....
With acreage reports	**92.5**	**92.3**	**$16.30**	**$9.77**
With no acreage reports	**7.5**	**7.7**	.....	.....
Cereals	48.6	49.4	13.93	8.01
Corn	26.2	27.6	14.62	8.73
Oats	7.6	7.2	11.79	7.35
Wheat	12.0	12.3	14.86	7.03
Barley	1.7	1.4	12.01	9.31
Buckwheat	0.2	0.2	10.63	7.12
Rye	0.4	0.4	9.30	5.98
Kafir corn and milo maize	0.2	(1)	6.62	5.13
Emmer and spelt	0.1	.....	9.73	.....
Rice (rough)	0.3	0.2	26.25	18.50
Other grains and seeds:				
Dry edible beans	0.4	0.3	27.11	16.82
Dry peas	0.2	0.3	8.40	8.17
Peanuts	0.3	0.2	21.00	14.07
Flaxseed	0.5	0.7	13.01	9.30
Grass seed and flower and vegetable seeds	0.3	0.3	.....	.....
Hay and forage	15.0	16.1	11.40	7.85
Tobacco	1.9	1.9	80.55	51.74
Cotton (including cotton seed)	15.0	12.4	25.74	15.27
Sugar crops:				
Sugar beets	0.4	0.1	54.60	30.16
Sorghum cane	0.2	0.2	22.01	20.82
Sugar cane	0.5	0.7	55.40	53.08
Maple sugar and sirup	0.1	0.1	.....	.....
Sundry minor field crops:				
Broom corn	0.1	0.1	15.74	20.09
Hemp	(1)	(1)	53.97	34.06
Hops	0.1	0.1	175.53	73.40
Vegetables	7.6	8.0	.....	.....
Potatoes	3.0	3.3	45.36	33.48
Sweet potatoes and yams	0.6	0.7	55.25	36.98
Other vegetables	3.9	4.0	78.26	55.63
Fruits and nuts	4.0	4.4	.....	.....
Small fruits	0.5	0.8	110.01	80.80
Orchard fruits	2.6	2.8	.....	.....
Grapes	0.4	0.5	.....	.....
Tropical and subtropical fruits	0.5	0.3	.....	.....
Nuts	0.1	0.1	.....	.....
Flowers and plants	0.6	0.6	1,911.02	2,015.57
Nursery products	0.4	0.3	261.12	170.17
Forest products of farms	3.6	3.7	.....	.....

[1] Less than one-tenth of 1 per cent.

The leading crops, as judged by value, are corn, which in 1909 contributed 26.2 per cent of the total value of all crops; hay and forage, 15 per cent; cotton (including cotton seed), 15 per cent; wheat, 12 per cent; and oats, 7.6 per cent; these crops aggregating about three-fourths of the total value for 1909. Of the principal crops cotton and oats show greater proportions of the total value of crops in 1909 than in 1899, while corn, wheat, and hay and forage were smaller.

The average value per acre, for the aggregate of all crops with acreage reports, was $9.77 in 1899 and $16.30 in 1909, this great increase, as subsequently shown, being wholly attributable to the advance in price. The average values per acre for individual crops naturally show a very wide range of variation; in 1909 they range from $1,911.02 per acre for flowers and plants to $6.62 for kafir corn and milo maize. Among the leading crops the average value per acre in 1909 was $14.62 for corn, $14.86 for wheat, $11.79 for oats, $11.40 for hay and forage, and $25.74 for cotton (including cotton seed).

The total acreage devoted to crops with acreage reports increased from 283,218,280 in 1899 to 311,293,382 in 1909, an increase of 28,075,102, or 9.9 per cent. The greatest absolute increase in acreage was shown for hay and forage, the acreage devoted to this crop in 1909 showing an increase of 10,589,707, or 17.2 per cent, over that in 1899. The increase in the acreage of cotton was 7,768,737, or 32 per cent; that in the acreage of oats, 5,619,743, or 19 per cent; and that in the acreage of corn, 3,468,992, or 3.7 per cent. Of the less important crops barley, kafir corn and milo maize, and vegetables showed considerable increases in acreage during the decade. The acreage of wheat, on the other hand, declined by 8,325,982, or 15.8 per cent. The aggregate acreage of cereals increased 3.5 per cent between 1899 and 1909, as compared with a total increase for all crops with acreage reports of 9.9 per cent.

Acreage of leading crops: 1879 to 1909.—A complete comparison of the census returns for 1909 with those for censuses prior to 1899 is not practicable because of difficulties arising from changes in classification of crops as well as in the prices of crops. The acreage of some of the crops, however, can be compared for four censuses. Table 4 gives the percentage that the acreage of certain leading crops formed of the total improved land at each census from 1879 to 1909.

The acreage of all cereals in 1879 was 118,805,952; in 1889 it was 140,378,857; in 1899, 184,982,220; and in 1909, 191,395,963. The increase for the 40-year period was not as great as that in the total improved land, and the proportion that the acreage of cereals formed of the total improved land decreased from 41.7 per cent in 1879 to 40 per cent in 1909. Of the individual cereals corn and wheat show decreases in their proportion of the total acreage while oats show an increase. The acreage of hay and forage increased from 30,631,054 in 1879 to 52,948,797 in 1889, 61,691,069 in 1899, and 72,280,776 in 1909; the proportion that the acreage of hay and forage formed of the total improved land advancing from 10.8 per cent in 1879 to 15.1 per cent in 1909. The acreage of cotton also increased

more rapidly than the total improved land; in 1879 cotton was raised on 14,480,019 acres, or 5.1 per cent of the total improved land, while in 1909, 32,043,838 acres, or 6.7 per cent, were devoted to cotton.

Table 4

CROP.	PER CENT OF IMPROVED LAND OCCUPIED.			
	1909	1899	1889	1879
All cereals	40.0	44.6	39.3	41.7
Corn	20.6	22.9	20.2	21.9
Oats	7.3	7.1	7.9	5.7
Wheat	9.3	12.7	9.4	12.4
Other cereals	2.8	1.9	1.8	1.7
Hay and forage	15.1	14.9	14.8	10.8
Cotton	6.7	5.9	5.6	5.1
Potatoes and sweet potatoes and yams	0.9	0.8	0.9	.....
Flaxseed	0.4	0.5	0.4	.....
Tobacco	0.3	0.3	0.2	0.2

Quantity, value, and prices of crops: 1909 and 1899.—The value of the crops produced increased 83 per cent between 1899 and 1909, a large part of this increase being due to increase in prices. The increase in the acreage of crops with acreage reports was, as already stated, only 9.9 per cent. Broom corn and flowers and plants are the only two crops for which the acreage increased at a greater rate between 1899 and 1909 than the value. In the case of certain of the crops the acreage decreased during the decade while the value of the product increased; the principal example of this is wheat, the acreage of which decreased 15.8 per cent while the value increased 77.8 per cent.

A similar condition is found in a comparison of the changes in the quantity produced and the value of the product. Hemp is the only crop for which the value of the product actually decreased between 1899 and 1909, and in that case the decrease in the value was smaller than that in acreage or in production. Grapes and sugar cane are the only crops for which the production increased at a greater rate than the value between 1899 and 1909.

Table 5 shows, for the leading individual crops for which both quantity produced and value were reported at both censuses, the average value per unit in 1899 and 1909, with the percentage of increase. It also shows the value which would have been reported for each crop in 1909 if the average value per unit had been the same in that year as in 1899. In each case a comparison of the value of the 1909 crop computed on this basis with the actual value of the crop of 1899 shows the increase in value during the decade which was due to increased production; while a comparison of this computed value with the actual value of the crop in 1909 shows the increase during the decade which was due to the increase in prices. For certain crops, principally fruits and nuts, the values were not reported separately in 1900, and for certain other crops quantities were not reported at either census, but the table covers nine-tenths of the crops of the country as measured by value.

Table 5

CROP.	Unit.	AVERAGE VALUE PER UNIT.				VALUE OF CROPS.			INCREASE:[1] 1899–1909				EXCESS OF ACTUAL VALUES OF CROPS OF 1909 OVER VALUES COMPUTED FOR 1909 ON BASIS OF PRICES OF 1899.	
		1909	1899	Increase: 1899–1909		As reported: 1909	Computed for 1909 on basis of prices of 1899.	As reported: 1899	On basis of values as reported.		On basis of prices of 1899 for crops of 1909.			
				Amount.	Per cent.				Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
All crops						$5,487,161,223		$2,998,704,412	$2,488,456,811	83.0				
Crops compared						4,934,489,828	$2,962,358,477	2,691,978,541	2,242,511,287	83.3	$270,379,936	10.0	$1,972,131,351	66.6
Crops not compared						552,671,395		306,725,871	245,945,524	80.2				
Cereals						2,665,539,714	1,510,529,214	1,482,603,049	1,182,936,665	79.8	27,926,165	1.9	1,155,010,500	76.5
Corn	Bu.	$0.56365	$0.31061	$0.25304	81.5	1,438,553,919	792,735,621	828,[illegible]2,388	610,361,531	73.7	−35,456,767	−4.3	645,818,298	81.5
Oats	Bu.	0.41176	0.23013	0.18163	78.9	414,697,422	231,773,814	217,098,584	197,598,838	91.0	14,675,230	6.8	182,923,608	78.9
Wheat	Bu.	0.96236	0.56177	0.40059	71.3	657,656,801	383,901,966	369,945,320	287,711,481	77.8	13,956,646	3.8	273,754,835	71.3
Barley	Bu.	0.53338	0.34799	0.18539	53.3	92,458,571	60,322,052	41,631,762	50,826,809	122.1	18,690,290	44.9	32,136,519	53.3
Buckwheat	Bu.	0.62835	0.51167	0.11668	22.8	9,330,592	7,597,958	5,747,853	3,582,739	62.3	1,850,105	32.2	1,732,634	22.8
Rye	Bu.	0.69179	0.48069	0.21110	43.9	20,421,812	14,190,188	12,290,540	8,131,272	66.2	1,899,648	15.5	6,231,624	43.9
Kafir corn and milo maize	Bu.	0.61469	0.26446	0.35023	132.4	10,816,940	4,653,783	1,367,040	9,449,900	691.3	3,286,743	240.4	6,163,157	132.4
						5,584,050			5,584,050				5,584,050	
Emmer and spelt	Bu.	0.43960		0.43960					9,690,045	153.1	9,024,270	142.6	665,775	4.3
Rice (rough)	Bu.	0.73355	0.70306	0.03049	4.3	16,019,607	15,353,832	6,329,562						
Dry edible beans	Bu.	1.93504	1.50729	0.42775	28.5	21,771,482	16,958,761	7,633,636	14,137,846	185.2	9,325,125	122.2	4,812,721	28.4
Other beans	Bu.	1.34121	0.93511	0.40610	43.4	241,060	168,070	134,084	106,976	79.8	33,986	25.3	72,990	43.4
Dry peas	Bu.	1.53784	0.83780	0.70004	83.6	10,963,739	5,972,923	7,908,966	3,054,773	38.6	−1,936,043	−24.5	4,990,816	83.6
Peanuts	Bu.	0.94108	0.60769	0.33339	54.9	18,271,929	11,798,797	7,270,515	11,001,414	151.3	4,528,282	62.3	6,473,132	54.9
Flaxseed	Bu.	1.48470	0.98225	0.50245	51.2	28,970,554	19,166,412	19,624,901	9,345,653	47.6	−458,489	−2.3	9,804,142	51.2
Grass seed	Bu.	2.26906	1.69132	0.57774	34.2	15,137,683	11,283,384	8,228,417	6,909,266	84.0	3,054,967	37.1	3,854,299	34.2
Hay and forage	Ton.	8.45534	6.11035	2.34499	38.4	824,004,877	595,476,430	484,254,703	339,750,174	70.2	111,221,727	23.0	228,528,447	38.4
Tobacco	Lb.	0.09879	0.06565	0.03314	50.5	104,302,856	69,310,960	56,987,902	47,314,954	83.0	12,323,058	21.6	34,991,896	50.5
Cotton	Bale.	66.07208	33.95575	32.11633	94.6	703,619,303	361,603,882	323,758,171	379,861,132	117.3	37,845,711	11.7	342,015,421	94.6
Cotton seed	Ton.	22.73902	9.84835	12.89067	130.9	121,076,984	52,438,859	46,950,575	74,126,409	157.9	5,488,284	11.7	68,638,125	130.9
Sugar beets	Ton.	5.05503	4.18885	0.86618	20.7	19,880,724	16,474,148	3,323,240	16,557,484	498.2	13,150,908	395.7	3,406,576	20.7
Sorghum cane	Ton.	6.17659	3.19526	2.98133	93.3	10,174,457	5,263,430	6,103,102	4,071,355	66.7	−839,672	−13.8	4,911,027	93.3
Broom corn	Lb.	0.06503	0.03946	0.02557	64.8	5,134,434	3,115,760	3,588,414	1,546,020	43.1	−472,654	−13.2	2,018,674	64.8
Hemp	Lb.	0.05515	0.04649	0.00866	18.6	412,699	347,898	546,338	−133,639	−24.5	−198,440	−36.3	64,801	18.6
Hops	Lb.	0.19266	0.08295	0.10971	132.3	7,844,745	3,377,620	4,081,929	3,762,816	92.2	−704,309	−17.3	4,467,125	132.3
Potatoes	Bu.	0.42761	0.35995	0.06766	18.8	166,423,910	140,090,728	98,380,110	68,043,800	69.2	41,710,618	42.4	26,333,182	18.8
Sweet potatoes and yams	Bu.	0.59814	0.46733	0.13081	28.0	35,429,176	27,680,923	19,869,840	15,559,336	78.3	7,811,083	39.3	7,748,253	28.0
Small fruits	Qt.	0.07027	0.05403	0.01624	30.1	29,974,481	23,047,354	25,029,757	4,944,724	19.8	−1,982,403	−7.9	6,927,127	30.1
Orchard fruits	Bu.	0.65191	0.39437	0.25754	65.3	140,867,347	85,216,927	83,750,961	57,116,386	68.2	1,465,966	1.8	55,650,420	65.3
Nuts	Lb.	0.07136	0.04871	0.02265	46.5	4,447,674	3,035,997	1,949,931	2,497,743	128.1	1,086,066	55.7	1,411,677	46.5

[1] A minus sign (−) denotes decrease.

The increase in value between 1899 and 1909, with the prices unchanged, represents an increase in quantity, and the difference between the value in 1909 on the basis of the 1899 prices and the actual value reported in 1909 represents an increase in prices. In this way a consolidated expression of the total increase in quantity of crops and of the average increase in their prices is obtained, regardless of the unit—bushel, pound, bale, ton, or quart—in which the production of the crop is reported. The table covers about nine-tenths of all the crops as measured by value in 1909, the principal crops not included being miscelleanous vegetables, forest products, flowers and plants, sugar cane, tropical fruits, grapes, and nursery products.

The increase of 10 per cent in the production of all crops included in Table 5 is indicated by a comparison of the value of crops as reported for 1899 and the value computed for 1909 on the basis of 1899 prices. The increase of 66.4 per cent in prices for the same crops is indicated by a comparison of the value computed for 1909 crops on the basis of 1899 prices with the actual value of crops as reported in 1909. Thus the total increase of 83.1 per cent between 1899 and 1909 in the value of these crops was due to a 10 per cent increase in production and a 66.4 per cent increase in price.

The total value of the crops covered by the table in 1899 was $2,691,979,000, and the value of the same crops in 1909 was $4,928,906,000. Had the prices of 1899 prevailed, however, the value of these crops in 1909 would have amounted to only $2,962,358,000, or only about $270,380,000 more than that in 1899. The difference between $2,962,358,000 and $4,928,906,000, or $1,966,547,000, represents the effect of increased prices. For the most important individual crop, corn, the table shows that the actual value in 1909 was $1,438,554,000, or 73.7 per cent more than the value of the crop of 1899. If there had been no change in the value per bushel the value of the 1909 crop would have been $792,736,000, or less than the value of the crop of 1899. The difference between this amount and $1,438,554,000, the actual value of the corn crop of 1909, equals $645,818,000 and represents the part of this value that was due to the increase of 81.5 per cent in the average value per bushel.

Increase in crop production, population, and in number of farms: 1899–1909.—The quantity of the principal crops produced increased 10 per cent between 1899 and 1909, as already stated. This increase is substantially at the same rate as the increase in the number of farms (10.9 per cent), and in the acreage of crops with acreage reports (9.9 per cent), the aggregate average production of these crops per farm and per acre thus remaining substantially unchanged during the decade. The total population of the country, however, increased at a rate more than twice as great as that for crop production (21 per cent from 1900 to 1910), and the urban population at a rate nearly three and one-half times as great (34.8 per cent).

The fact that the population increased faster than the crop production means of course that the per capita production declined. The measure of this decline may readily be calculated by dividing 110 by 121, it being evident that if for every 100 inhabitants in 1900 there were 100 units of crop production, then for every 121 inhabitants in 1910 there were only 110 units. The quotient is 90.9. In other words, the per capita production of the principal crops in 1909 was a little more than nine-tenths of that in 1899.

The fact that there was, on the average, an increase of 66.4 per cent in the prices of the leading farm crops, for which comparative statistics are available, means of course that a dollar would buy much less of these crops in 1909 than in 1899. For $1.66 in 1909 one could buy only as much as for $1 in 1899; consequently for $1 in 1909 one could buy only as much as with 60 cents in 1899 ($1 divided by $1.666).

To put the matter in another way, if the 75,994,575 inhabitants in 1900 had purchased all of the principal crops raised in 1899 at the values reported by the farmers, aggregating $2,691,979,000, they would have paid $35.42 each. If the 91,972,266 inhabitants of 1910 had bought the output of the same crops in 1909 and had paid for them on the basis of the prices that prevailed 10 years before, they would have paid $2,962,358,000, or $32.21 each; but by reason of the advance in prices they would actually have paid $4,928,906,000, or $53.59 each, an additional cost of $21.38 per capita resulting from the increase of 66.4 per cent in prices.

The class of the population that has gained by this advance in the price of crops is of course the farmers. In 1900 there were 5,737,372 farmers who produced crops valued in the aggregate at $2,998,704,000, the average value of crops per farm being $523. In 1910 there were 6,361,502 farmers; the value of the crops produced in 1909 was $5,487,161,000, or $863 per farm. The increase amounted to $340 per farm and was due entirely to the rise in prices, since the average quantity of crops produced per farm underwent no material change between 1899 and 1909. Of course this increase represents simply an addition to the gross revenue of the average farm from its crops, and makes no allowance for increases in farm expenditures or in the value of the crops consumed on the farm; nor does it represent the advance in the entire farm revenue, since it does not take into account that part of the farm revenue derived from other sources than crops.

The average increases in value due to the rise in prices are shown for some of the principal crops, per farm and per acre, in Table 6.

The greatest increase per farm is shown for cotton and cotton seed, followed by wheat, corn, and tobacco, while by far the greatest absolute increase per acre is shown for the most valuable crop per acre, namely, tobacco.

Table 6

CROP.	Total value in 1909.	INCREASE IN VALUE BETWEEN 1899 AND 1909 DUE TO THE RISE IN PRICES.	
		Per farm reporting the crop in 1909.	Per acre devoted to the crop in 1909.
Corn	$1,438,553,919	$134.18	$6.56
Cotton and cotton seed	824,696,287	239.57	12.82
Hay and forage	824,004,877	67.15	3.16
Wheat	657,656,801	187.67	6.18
Oats	414,697,422	84.14	5.20
Tobacco	104,302,856	107.04	27.02

It should be borne in mind that, while the figures show that the increases in crop acreage and in quantity of production between 1899 and 1909 were at about the same rate, and consequently that the production per acre was approximately the same at the later year as at the earlier, such a comparison may be affected by temporary conditions prevailing at one or the other of the years compared, and may not be a fair measure of the changes in the productivity of the soil or the development in methods of agriculture. The year 1909 was in fact a bad one for the corn crop, the most important crop of all, the yield of corn per acre being 25.9 bushels, as compared with 28.1 bushels in 1899, and this circumstance materially reduced the total quantity of crops produced in 1909. If the corn crop be subtracted from the total acreage and production of crops in 1909 and 1899, the increase in acreage for the remaining crops would be 13.1 per cent during the decade, and the increase in production, measured as explained above, would be 16.4 per cent during the same period, showing that for the aggregate of all crops with known acreage, except corn, there was an increase in yield per acre between 1899 and 1909. Of course the changes in this aggregate represent the result of changes in the one or in the other direction for individual crops and are therefore influenced by temporary circumstances affecting these crops; but it is believed that the temporarily favorable or unfavorable conditions in 1899 or in 1909 for the different crops roughly balance one another and that the changes in the aggregate are approximately correct indications of general changes in conditions.

The increased demand for foodstuffs resulting from the growth of population in the past decade was only in part supplied by an increased production, there being also a material curtailment of agricultural exports. The exportation of domestic breadstuffs, including cereals and cereal products, amounted to $262,744,078[1] in the fiscal year ending June 30, 1900, while in the fiscal year 1910 the value of such exports had sunk to $133,191,330.[1] Moreover, the quantity of breadstuffs exported decreased considerably more than the value since their price increased decidedly during the decade. The exports of corn amounted to 209,348,000 bushels in 1900 and to only 36,802,000 bushels in 1910; the exports of wheat fell from 101,950,000 bushels to 46,680,000 bushels and those of oats from 41,369,000 bushels to 1,685,000 bushels. Cotton and tobacco are the only important agricultural products the exportation of which has increased during recent years.

Table 7 shows the quantity and the value of the leading agricultural products exported in the years ending June 30, 1900, and June 30, 1910, respectively.

Table 7

CROP.	PRINCIPAL CROPS EXPORTED DURING YEAR ENDING JUNE 30—			
	1910		1900	
	Quantity.	Value.	Quantity.	Value.
	Bushels.		*Bushels.*	
Corn	36,802,374	$25,427,993	209,348,284	$85,206,400
Wheat	46,679,876	47,806,598	101,950,389	73,237,080
Oats	1,685,474	794,367	41,369,415	12,504,654
Barley	4,311,566	3,052,527	23,661,662	11,216,694
Rye	219,756	168,666	2,355,792	1,442,055
Buckwheat	158,160	103,138	426,822	254,847
	Bales.		*Bales.*	
Cotton	6,263,293	450,447,243	6,090,144	241,832,737
Fruits and nuts		18,885,654		11,642,662
	Tons.		*Tons.*	
Hay	55,007	1,070,907	72,716	992,741
	Pounds.		*Pounds.*	
Rice	7,049,597	222,244	12,947,009	500,364
Tobacco (leaf)	353,372,672	38,017,260	334,604,210	29,163,086
Vegetables		4,207,319		2,853,278

DIVISIONS, SECTIONS, AND STATES.

Distribution of all crops by divisions, sections, and states: 1909 and 1899.—Table 8 shows, for each of the nine geographic divisions and also for the five large sections of the country, the total acreage and value of all crops with acreage reports, and the total value of all crops, including those without acreage reports, in 1909 and 1899, and the percentages of increase or decrease. Table 9 gives percentages and averages based on Table 8.

For the acreage and value of all farm crops by divisions and states for 1909 and 1899, see Table 16.

The per cent distribution of the known crop acreage as shown by Table 9, is substantially the same as that of the total improved land in farms. The West North Central division contained more than one-third (36.8 per cent) of the total for the country in 1909, the East North Central contained about one-fifth (19.2 per cent), and the West South Central about one-eighth (12.6 per cent). No other division contained as much as one-tenth of the total known crop acreage. The West North Central, the West South Central, and the Mountain divisions showed greater proportions of the total acreage of crops with acreage reports in 1909 than in 1899, while all the other divisions showed smaller proportions.

[1] See Statistical Abstract of the United States, 1910, Table 217, page 431.

Table 8

DIVISION OR SECTION.	ACREAGE OF CROPS WITH ACREAGE REPORTS.				VALUE OF CROPS WITH ACREAGE REPORTS.				VALUE OF ALL CROPS.			
	1909	1899	Increase.[1]		1909	1899	Increase.		1909	1899	Increase.	
			Acres.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States	311,293,382	283,218,280	28,075,102	9.9	$5,073,997,594	$2,768,339,569	$2,305,658,025	83.3	$5,487,161,223	$2,998,704,412	$2,488,456,811	83.0
New England	4,658,850	4,865,803	−206,953	−4.3	114,399,237	79,380,064	35,019,173	44.1	141,113,829	95,220,019	45,893,810	48.2
Middle Atlantic	17,329,196	18,619,446	−1,290,250	−6.9	359,434,892	263,721,811	95,713,081	36.3	416,248,625	304,829,335	111,419,290	36.5
East North Central	59,790,579	59,223,811	566,768	1.0	1,047,989,193	622,755,503	425,233,690	68.3	1,117,182,160	674,955,402	442,226,758	65.5
West North Central	114,689,460	101,243,210	13,446,250	13.3	1,403,517,581	714,017,756	689,499,825	96.6	1,445,909,494	736,910,961	708,998,533	96.2
South Atlantic	30,279,427	28,337,150	1,942,277	6.9	673,225,482	319,874,805	353,350,677	110.5	742,105,246	348,918,717	393,186,529	112.7
East South Central	25,775,920	25,315,596	460,324	1.8	509,467,342	287,926,942	221,540,400	76.9	551,282,286	307,782,583	243,499,703	79.1
West South Central	39,273,594	29,857,098	9,416,496	31.5	600,133,113	321,007,404	279,125,709	87.0	628,343,039	332,051,290	295,991,749	88.9
Mountain	8,850,062	5,392,495	3,466,567	64.3	152,358,297	54,187,588	98,170,709	181.2	163,897,753	56,731,556	107,166,197	188.9
Pacific	10,637,294	10,363,671	273,623	2.6	213,472,457	105,467,696	108,004,761	102.4	281,078,791	140,704,549	140,374,242	99.8
The North	196,468,085	183,952,270	12,515,815	6.8	2,925,340,903	1,679,875,134	1,245,465,769	74.1	3,120,454,108	1,811,915,717	1,308,538,391	72.2
The South	95,328,941	83,509,844	11,819,097	14.2	1,782,825,937	928,809,151	854,016,786	91.9	1,921,730,571	989,352,590	932,377,981	94.2
The West	19,496,356	15,756,166	3,740,190	23.7	365,830,754	150,655,284	206,175,470	129.1	444,976,544	197,436,105	247,540,439	125.4
East of the Mississippi	137,833,972	136,301,806	1,472,166	1.1	2,704,516,146	1,573,659,125	1,130,857,021	71.9	2,967,032,146	1,731,706,056	1,236,226,090	71.4
West of the Mississippi	173,459,410	146,856,474	26,602,936	18.1	2,369,481,448	1,194,680,444	1,174,801,004	98.3	2,519,229,077	1,266,998,356	1,252,230,721	98.8

[1] A minus sign (−) denotes decrease.

Table 9

DIVISION OR SECTION.	PER CENT DISTRIBUTION OF TOTAL ACREAGE OF CROPS WITH ACREAGE REPORTS.		PER CENT DISTRIBUTION OF VALUE OF ALL CROPS.		AVERAGE VALUE OF CROPS WITH ACREAGE REPORTS PER ACRE OF LAND IN SUCH CROPS.	
	1909	1899	1909	1899	1909	1899
United States	100.0	100.0	100.0	100.0	$16.30	$9.77
New England	1.5	1.7	2.6	3.2	24.56	16.31
Middle Atlantic	5.6	6.6	7.6	10.2	20.74	14.16
East North Central	19.2	20.9	20.4	22.5	17.53	10.52
West North Central	36.8	35.7	26.4	24.6	12.24	7.05
South Atlantic	9.7	10.0	13.5	11.6	22.23	11.20
East South Central	8.3	8.9	10.0	10.3	19.77	11.37
West South Central	12.6	10.5	11.5	11.1	15.28	10.75
Mountain	2.8	1.9	3.0	1.9	17.20	10.05
Pacific	3.4	3.7	5.1	4.7	20.07	10.18
The North	63.1	65.0	56.9	60.4	14.89	9.13
The South	30.6	29.5	35.0	33.0	18.70	11.12
The West	6.3	5.6	8.1	6.6	18.76	10.13
East of the Mississippi River	44.3	48.1	54.1	57.7	19.02	11.54
West of the Mississippi River	55.7	51.9	45.9	42.3	13.66	8.14

The South and the West show a gain in their proportion of the total crop acreage during the decade, while the North shows a loss; the section west of the Mississippi as a whole also gained in this respect, while that east of the river suffered a loss.

The average value per acre of crops with known acreage ranged, in 1909, from $12.24 in the West North Central division to more than double that amount, $24.56, in New England. The average was next highest in the South Atlantic division ($22.23). Had the acreage of fruit crops been reported the Pacific division would probably show a higher average value of all crops per acre than any other. Because of these differences in average value per acre the distribution of the total value of crops which includes, however, that of crops for which acreage was not reported, was somewhat different from that of the known acreage of crops. The average value per acre of crops with acreage reports, and the average value of farm crops per farm for 1909 and 1899 are shown, approximately, for each of the states, arranged in the descending order of average value, by the diagrams on page 539.

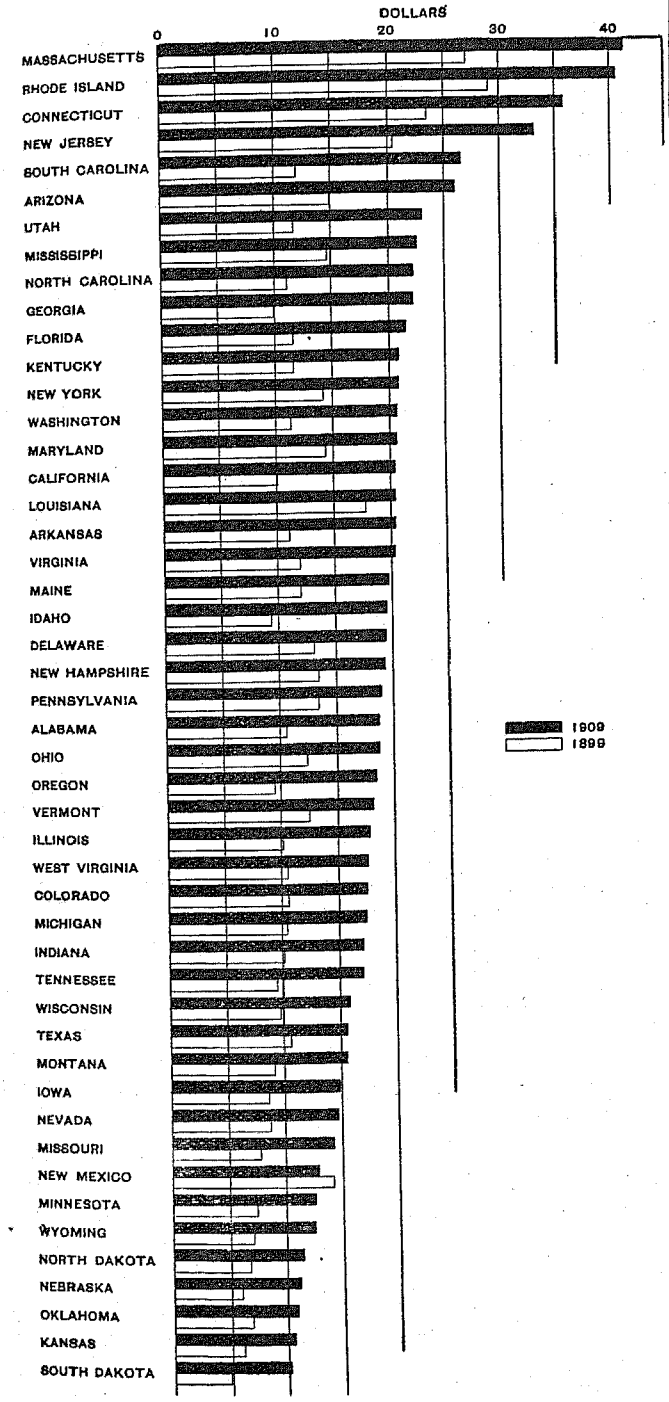
More than four-fifths (81.8 per cent) of the total value of all crops raised in 1909 was reported from five geographic divisions—the four Central and the South Atlantic divisions—while New England and the Middle Atlantic divisions contributed only about one-tenth (10.2 per cent) of the total, and the Mountain and Pacific divisions only about one-twelfth (8.1 per cent). Because of the importance of its fruit crop, however, the Pacific division had a much larger proportion of the total value of crops than of the acreage of crops with known acreage. Between 1899 and 1909 the proportion for the North decreased, while that for the South and for the West increased, but the North still reported 56.9 per cent of the total in 1909. The proportion for the region east of the Mississippi River decreased, while that for the region west of the river increased, so that in 1909 the total value of crops was not far from being evenly divided between these two sections of the country (54.1 per cent and 45.9 per cent, respectively).

Chiefly because of the advance in prices, and probably in some divisions solely for this reason, the average value per acre of crops with acreage reports increased between 1899 and 1909 in every geographic division of the country, the greatest increase being that in the South Atlantic division where the value of these crops per acre nearly doubled during the decade. This exceptionally high increase in the South Atlantic division is due largely to the fact that in 1909 a greater part of the acreage in the division was devoted to the production of cotton than in 1899, and that the price of cotton in 1909 was nearly double the price in 1899.

The total known acreage of crops in the United States increased by 28,075,102, or 9.9 per cent, between 1899 and 1909. This increase, as shown by Table 8, was largely confined to the division west of the Mississippi River, where the increase was 26,602,936 acres, or 18.1 per cent, while in the section east of that river the increase was only 1,472,166 acres, or 1.1 per cent. The percentage of increase was more than twice as great in the South as in the North, and nearly three and one-half times as great in the West as in the North, but the absolute number of acres added to the area in these crops in the North was somewhat greater than

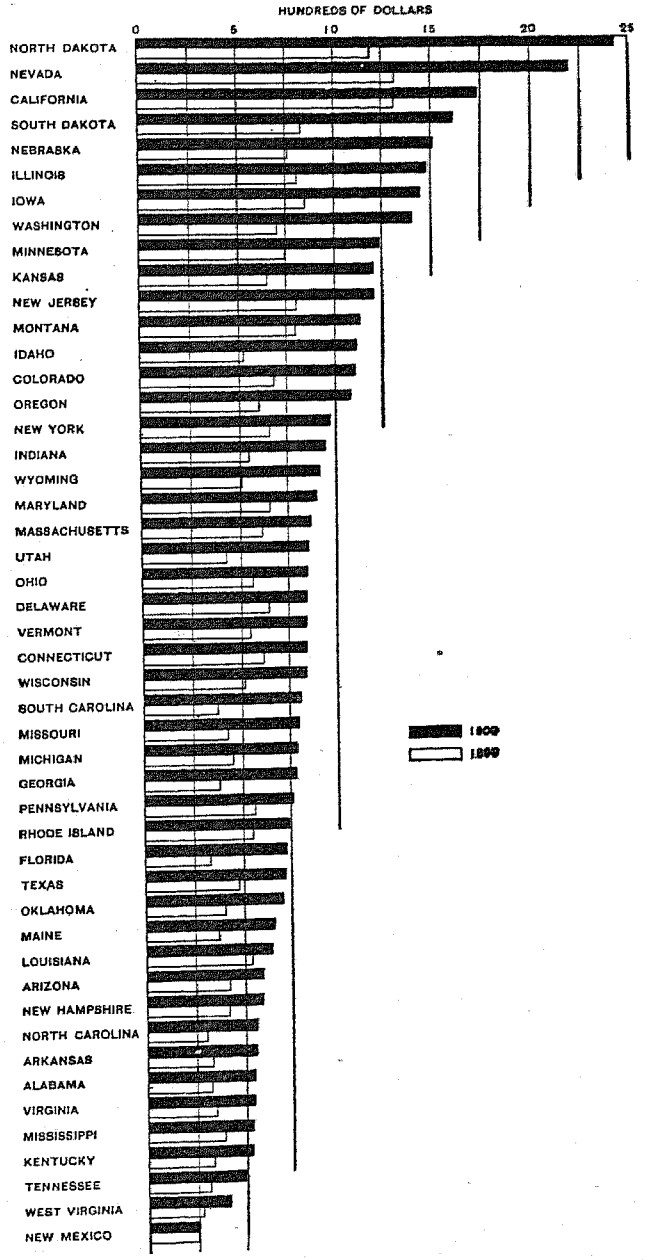
that in the South and much greater than that in the West. The increase in the North, however, was practically confined to the West North Central division. In fact, in the two most densely populated divisions—namely, the Middle Atlantic and the New England—the acreage of crops decreased between 1899 and 1909; and in the East North Central division, which is next in density of population, the increase in crop acreage was only 1 per cent. The East South Central and the South Atlantic divisions, which follow in density of population, show comparatively small percentages of increase in crop acreage reported, 1.8 and 6.9 per cent, respectively.

AVERAGE VALUE PER ACRE OF CROPS WITH ACREAGE REPORTS: 1909 AND 1899.



The West North Central division showed an increase of 13.3 per cent in crop acreage, and the West South Central one of 31.5 per cent, the absolute increase in the former, however, being greater than that in any other division. The more sparsely populated Mountain division, in which more than two-thirds of the increase in irrigated area took place, was also the division showing the highest percentage of increase in crop acreage between 1899 and 1909, 64.3 per cent. The increase in the reported acreage of crops in the Pacific division was only 2.6 per cent, this small percentage being largely due to the fact that the crops, the cultivation of which has shown the greatest progress on the Pacific coast in the past decade, are fruit crops for which no acreage reports were secured.

AVERAGE VALUE OF FARM CROPS PER FARM: 1909 AND 1899.



The percentage of increase in the total value of all crops was highest in the Mountain division (188.9 per cent). The South Atlantic division, where the acreage

devoted to cotton—the price of which advanced nearly 95 per cent—increased greatly during the past decade, shows an increase of 112.7 per cent in the total value of crops. The lowest percentage of increase in value of crops is shown for the Middle Atlantic division (36.5 per cent) and the next lowest in New England (48.2 per cent). The relative increase in the value of crops was much greater in the West than in the South and in the South than in the North, but the absolute increase in the North represented more than half of the total increase for the country. While the value of crops raised in the section west of the Mississippi was about twice as great in 1909 as in 1899, in the section east of that river the increase was 71.4 per cent.

Relative importance of leading crops in the total production of each division and section: 1909.—Tables 10, 11, and 12 show percentages indicating the relative importance of the principal individual crops in the agriculture of each geographic division and section of the country. Table 10 shows the distribution by individual crops of the total value of all crops in each division and section.

PERCENTAGE OF VALUE OF ALL CROPS REPRESENTED BY INDIVIDUAL CROPS, BY DIVISIONS AND SECTIONS: 1909.

Table 10

DIVISION OR SECTION.	Value of all crops.	Crops with acreage reports.	Crops without acreage reports.[1]	CEREALS. Total.	Corn.	Wheat.	Oats.	Barley.	Rye.	Buckwheat.	Kafir corn and milo maize.	Emmer and spelt.	Rice.	OTHER GRAINS AND SEEDS WITH ACREAGE REPORTS. Total.[1]	Dry edible beans.	Dry peas.	Peanuts.	Flaxseed.	Seeds.[2]	Hay and forage.	Tobacco.	Cotton (including cotton seed).
United States	100.0	92.5	7.5	48.6	26.2	12.0	7.6	1.7	0.4	0.2	0.2	0.1	0.3	1.5	0.4	0.2	0.3	0.5	0.3	15.0	1.9	15.0
New England	100.0	81.1	18.9	7.6	3.9	0.1	2.9	0.2	0.1	0.3	(3)	(3)	.....	0.3	0.3	(3)	(3)	(3)	(3)	41.9	4.0	.....
Middle Atlantic	100.0	86.4	13.6	29.6	10.9	7.6	8.0	0.3	1.2	1.6	(3)	(3)	.....	0.9	0.9	(3)	(3)	(3)	0.1	31.4	1.0	.....
East North Central	100.0	93.8	6.2	65.4	38.9	10.9	13.3	1.4	0.8	0.1	(3)	(3)	.....	1.2	0.9	0.3	(3)	(3)	0.6	16.5	1.4	.....
West North Central	100.0	97.1	2.9	75.4	34.8	25.2	11.2	3.3	0.3	(3)	0.2	0.3	(3)	2.0	(3)	(3)	(3)	1.9	0.4	14.6	(3)	0.3
South Atlantic	100.0	90.7	9.3	26.2	20.1	3.9	1.8	(3)	0.1	0.1	(3)	(3)	0.1	2.5	(3)	0.5	1.9	(3)	(3)	5.1	4.4	40.6
East South Central	100.0	92.4	7.6	31.5	27.4	2.9	1.2	(3)	0.1	(3)	(3)	(3)	(3)	0.7	(3)	0.3	0.4	(3)	0.1	5.4	8.3	37.1
West South Central	100.0	95.5	4.5	31.0	22.8	2.7	2.0	(3)	(3)	(3)	1.0	(3)	2.4	0.5	(3)	0.2	0.3	(3)	(3)	4.7	(3)	42.9
Mountain	100.0	93.0	7.0	34.6	2.8	15.8	12.0	3.4	0.2	(3)	0.3	0.1	(4)	1.0	0.3	0.3	(3)	0.4	0.6	40.5	(3)	(3)
Pacific	100.0	75.9	24.1	32.3	0.6	18.6	4.8	7.8	0.1	(3)	0.3	(3)	.....	2.4	2.3	0.1	(3)	(3)	0.4	26.5	(3)	(3)
The North	100.0	93.7	6.3	62.6	31.7	10.6	11.3	2.1	0.6	0.3	0.1	0.2	(3)	1.5	0.5	0.1	(3)	0.9	0.4	18.8	0.8	0.1
The South	100.0	92.8	7.2	29.3	23.1	3.2	1.7	(3)	0.1	(3)	0.3	(3)	0.8	1.3	(3)	0.3	0.9	(3)	0.1	5.1	4.1	42.7
The West	100.0	82.2	17.8	33.1	1.4	17.6	7.5	6.2	0.1	(3)	0.3	0.1	(3)	1.9	1.5	0.2	(3)	0.2	0.5	31.7	(3)	(3)
East of the Mississippi	100.0	91.1	8.9	41.6	20.5	6.7	6.9	0.6	0.5	0.3	(3)	(3)	(3)	1.4	0.5	0.3	0.6	(3)	0.3	14.9	3.5	17.1
West of the Mississippi	100.0	94.1	5.9	56.9	25.8	18.2	8.3	3.0	0.2	(3)	0.4	0.2	0.6	1.6	0.3	0.1	0.1	1.1	0.3	15.2	(3)	12.6

DIVISION OR SECTION.	SUGAR CROPS. Sugar cane.	Sorghum cane.	Sugar beets.	Maple sugar and sirup.[2]	SUNDRY MINOR CROPS. Total.[4]	Broom corn.	Hemp.	Hops.	VEGETABLES. Total.	Potatoes.	Sweet potatoes and yams.	All other vegetables.	Flowers and plants.	Nursery products.	FRUITS AND NUTS. Total.	Orchard fruits.[3]	Small fruits.	Tropical and subtropical fruits.[3]	Grapes.[3]	Nuts.[3]	Forest products of farms.[4]	Miscellaneous.[3]
United States	0.5	0.2	0.4	0.1	0.3	0.1	(3)	0.1	7.6	3.0	0.6	3.9	0.6	0.4	4.0	2.6	0.5	0.5	0.4	0.1	3.6	0.1
New England	.....	(3)	(3)	1.0	(3)	(3)	(3)	(3)	21.5	12.4	(3)	9.1	3.3	0.7	7.0	5.2	1.7	(3)	0.1	(3)	12.5	0.1
Middle Atlantic	.....	(3)	(3)	0.4	0.6	(3)	(3)	0.6	17.4	9.0	0.4	8.1	2.8	1.0	9.6	6.9	1.4	(3)	1.2	(3)	4.6	0.4
East North Central	.....	0.1	0.5	0.2	0.2	0.1	(3)	(3)	6.9	3.4	0.1	3.5	0.8	0.3	3.0	2.2	0.5	(3)	0.3	(3)	2.9	0.1
West North Central	.....	0.1	(3)	(3)	0.1	0.1	(3)	(3)	3.8	2.1	0.1	1.7	0.2	0.3	1.4	1.0	0.3	(3)	0.1	(3)	1.4	(3)
South Atlantic	0.5	0.2	(3)	(3)	(3)	(3)	(3)	(3)	9.8	1.9	2.2	5.7	0.3	0.2	3.8	2.1	0.6	1.0	0.1	(3)	5.5	0.1
East South Central	0.0	0.0	(3)	(3)	0.1	(3)	0.1	(3)	7.5	1.1	1.7	4.8	0.2	0.2	2.4	2.0	0.3	(3)	0.1	(3)	5.3	(3)
West South Central	3.1	0.3	(3)	(3)	0.4	0.4	(3)	(3)	4.8	0.9	1.0	3.0	0.1	0.3	1.4	0.8	0.3	0.1	(3)	0.1	3.3	(3)
Mountain	(3)	0.1	5.8	(3)	0.1	0.1	(3)	(3)	9.3	5.3	(3)	4.0	0.5	0.4	5.4	4.7	0.6	(3)	0.1	(3)	1.6	(3)
Pacific	.....	(3)	1.6	(3)	1.9	(3)	(3)	1.9	8.1	3.5	0.1	4.4	0.8	1.3	21.4	9.2	1.2	6.0	3.9	1.1	3.4	(3)
The North	.....	0.1	0.2	0.2	0.2	0.1	(3)	0.1	7.5	3.9	0.1	3.5	0.9	0.4	3.3	2.4	0.6	(3)	0.3	(3)	2.8	0.1
The South	1.4	0.4	(3)	(3)	0.2	0.1	(3)	(3)	7.5	1.3	1.6	4.6	0.2	0.2	2.6	1.7	0.4	0.4	0.1	0.1	4.9	(3)
The West	(3)	(3)	3.2	(3)	1.2	(3)	(3)	1.2	8.5	4.2	0.1	4.2	0.7	0.9	15.5	7.6	1.0	3.8	2.5	0.7	2.7	(3)
East of the Mississippi	0.2	0.2	0.2	0.2	0.2	0.1	(3)	0.1	9.9	3.8	0.9	5.2	1.0	0.4	4.2	2.9	0.7	0.3	0.3	(3)	4.8	0.1
West of the Mississippi	0.8	0.2	0.6	(3)	0.4	(3)	(3)	0.2	4.9	2.2	0.3	2.4	0.3	0.4	3.9	2.1	0.4	0.7	0.5	0.2	2.1	(3)

[1] Includes small amounts of grains and seeds of secondary importance.
[2] Crops without acreage reports.
[3] Less than one-tenth of 1 per cent.
[4] Includes small amounts of minor crops of secondary importance.

As might be expected in a country of such great area and diversity of agricultural conditions as the United States, there are marked differences among the various divisions and sections with respect to the character of agricultural production.

The table shows, in the first place, that there were three divisions in 1909 in each of which crops without acreage reports constituted more than one-tenth of all the crops as measured by value. In the Pacific division such crops formed nearly one-quarter (24.1 per cent) of the total and consisted mostly of fruits and nuts; in New England they contributed somewhat less than one-fifth (18.9 per cent) of the total value of all crops, and consisted largely of forest products; and, finally, in the Middle Atlantic division they contributed more than one-eighth (13.6 per cent) of the total value of crops, both fruits and nuts and forest products being of considerable importance in that division.

A rapid characterization of the agriculture in the three great sections of the country may be expressed as follows: In the North the leading crops, in order of value in 1909, were corn, hay and forage, wheat, and oats; in the South they were cotton, corn, vegetables, and hay and forage; and in the West, hay and forage,

wheat, fruits and nuts, vegetables, and oats. In each of the three sections the crops named together constituted about four-fifths of the total value of the crops produced in 1909.

Cereals contributed more than one-fourth of the total value of crops in all the divisions except New England where they formed only 7.6 per cent of the total value of crops raised in 1909. The importance of these crops was greatest in the two North Central divisions, the value forming about three-fourths (75.4 per cent) of the total value of crops in the West North Central division, and about two-thirds (65.4 per cent) in the East North Central. In the remaining six divisions the value of cereals varied from about one-fourth to about one-third of the total value of crops, being 26.2 per cent in the South Atlantic division and 34.6 per cent in the Mountain division.

Except in the Mountain and Pacific divisions, corn was the most important of the cereals as measured by value. In the East and West North Central divisions corn contributed more than one-third of the value of all crops in 1909 and in the three southern divisions it was the crop second in importance. Wheat was not first in importance in any division, but was second in the West North Central and Mountain divisions and third in the Pacific division. Oats ranked third among the several crops in the East North Central and Mountain divisions.

To further illustrate the relative importance of the principal crops from the standpoint of value in each of the individual states, a diagram (p. 542) is presented which shows the proportionate value of certain principal crops to the value of all crops in 1909.

Hay and forage is an important crop in the North and West, but not in the South. In four divisions it was the leading crop. In New England 41.9 per cent of the total value of crops raised in 1909 consisted of the value of hay and forage; in the Mountain division the proportion was 40.5 per cent, in the Middle Atlantic 31.4 per cent, and in the Pacific division 26.5 per cent. In the two North Central divisions the value of hay and forage was relatively less important; in the East North Central division it ranked second among the crops, and third in the West North Central division.

Cotton is an important crop only in the three southern divisions; its value constituted nearly one-half (49.9 per cent) of the total value of crops in the West South Central division, about two-fifths (40.8 per cent) in the South Atlantic, and over one-third (37.1 per cent) in the East South Central. Tobacco was the crop third in importance in the East South Central division.

Vegetables (including potatoes and sweet potatoes and yams) contributed more than one-fifth (21.5 per cent) of the value of all crops in New England in 1909 and over one-sixth (17.4 per cent) of the value of crops in the Middle Atlantic states. In no other division was the value of vegetables as much as one-tenth of the value of all crops. Potatoes, considered alone, was the crop second in rank in New England (forest products of farms being excluded from consideration as scarcely constituting a crop in the usual sense), and vegetables, excluding potatoes and sweet potatoes and yams, ranked third in the three divisions along the Atlantic seaboard.

Fruits and nuts contributed more than one-fifth (21.4 per cent) of the total value of crops in the Pacific division and nearly one-tenth (9.6 per cent) of the value of crops in the Middle Atlantic division. The New England and the Mountain divisions are the only others where the value of fruits and nuts exceeded 5 per cent of the total value of crops in 1909. The Pacific division was the only one in which fruits and nuts were among the three leading crops.

Forest products, which are not ordinarily looked upon as a farm crop, contributed exactly one-eighth of the total value of crops in New England, and more than 5 per cent of the value of crops in the South Atlantic and East South Central divisions. Considerable amounts of these products were reported for every division, but only in the three divisions mentioned did they contribute as much as 5 per cent of the total value of all crops in 1909.

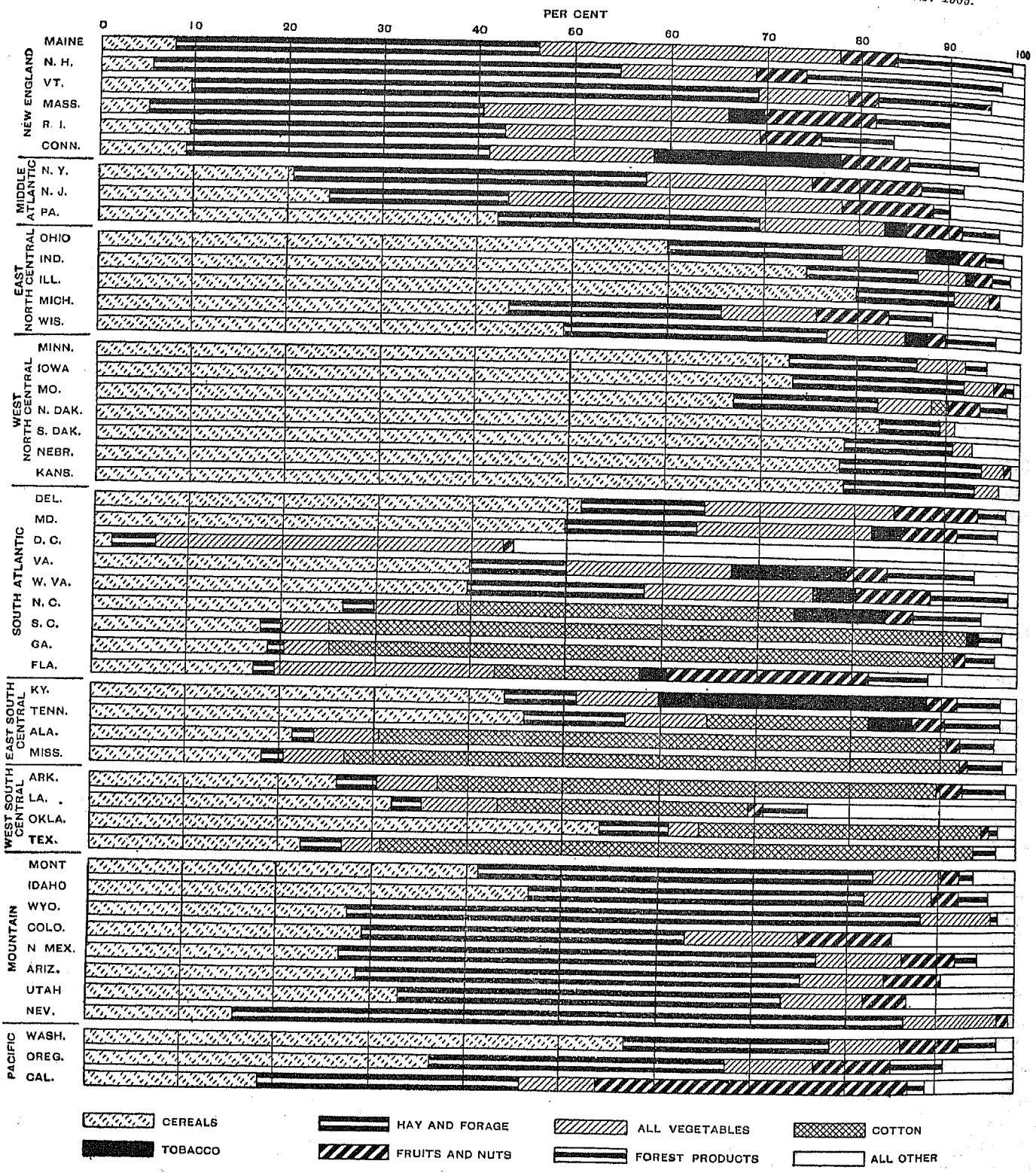
The following table names for each geographic division the crops ranking first, second, and third in value, and shows the percentage which the value of each formed of the total value of crops for the division. In this table the cereals are considered individually, and potatoes are distinguished from other vegetables, but fruits and nuts are treated as one crop.

Table 11

DIVISION.	CROP RANKING FIRST IN VALUE.		CROP RANKING SECOND IN VALUE.		CROP RANKING THIRD IN VALUE.	
	Kind.	Per cent of value of all crops.	Kind.	Per cent of value of all crops.	Kind.	Per cent of value of all crops.
New England	Hay and forage	41.9	Potatoes [1]	12.4	Vegetables	9.1
Middle Atlantic	Hay and forage	31.4	Corn	10.9	Vegetables	8.1
East North Central	Corn	38.9	Hay and forage	16.5	Oats	13.3
West North Central	Corn	34.8	Wheat	25.2	Hay and forage	14.6
South Atlantic	Cotton	40.8	Corn	20.1	Vegetables	5.7
East South Central	Cotton	37.1	Corn	27.4	Tobacco	8.3
West South Central	Cotton	49.9	Corn	22.8	Hay and forage	4.7
Mountain	Hay and forage	40.5	Wheat	15.8	Oats	12.0
Pacific	Hay and forage	26.5	Fruits and nuts	21.4	Wheat	18.6

[1] Forest products, with 12.5 per cent, being scarcely a crop in the usual sense, is not considered in this classification.

PROPORTION WHICH VALUE OF SPECIFIED CROPS FORMED OF VALUE OF ALL CROPS: 1909.



A number of maps are presented at the close of Chapter IX which show for each of the principal crops the distribution of the production of the crop, based on the production reported for each county in 1909. These maps were prepared for the purpose of supplying the reader with a means of readily locating the general area in which certain crops are grown, as well as to show, comparatively, the production in each of the several states. The amounts or quantities indicated are, of course, only approximately correct.

Table 12 shows, for 1909, the percentages that the acreage of the cereals and of the several other crops with acreage reports occupied of the total improved acreage in each division and section.

Table 13 shows the proportion of the total acreage of all crops with acreage reports in each geographic division and section for 1909, occupied by each of the principal individual crops.

PERCENTAGE OF IMPROVED FARM ACREAGE IN INDIVIDUAL CROPS, BY DIVISIONS AND SECTIONS: 1909.

Table 12

DIVISION OR SECTION.	Improved farm land.	Crops with acreage reports.	All cereals.[1]	OTHER GRAINS AND SEEDS WITH ACREAGE REPORTS.					Hay and forage.	Tobacco.	Cotton.	SUGAR CROPS WITH ACREAGE REPORTS.				SUNDRY MINOR CROPS WITH ACREAGE REPORTS.		VEGETABLES.				Small fruits.
				Total.[2]	Dry edible beans.	Dry peas.	Peanuts.	Flaxseed.				Total.	Sugar beets.	Sorghum cane.	Sugar cane.	Total.[3]	Broom corn.	Total.	Potatoes.	Sweet potatoes and yams.	All other.	
United States.	100.0	65.1	40.0	1.1	0.2	0.3	0.2	0.4	15.1	0.3	6.7	0.3	0.1	0.1	0.1	0.1	0.1	1.5	0.8	0.1	0.6	0.1
New England	100.0	64.2	6.5	0.2	0.2	(4)	.....	(4)	52.3	0.3	.....	(4)	(4)	(4)	.....	(4)	(4)	4.6	3.2	(4)	1.4	0.2
Middle Atlantic	100.0	59.1	25.3	0.4	0.4	(4)	(4)	(4)	29.1	0.2	.....	(4)	(4)	(4)	.....	(4)	(4)	3.8	2.5	0.1	1.2	0.2
East North Central	100.0	67.2	47.6	0.7	0.5	0.3	(4)	(4)	16.6	0.2	.....	0.2	0.1	(4)	.....	0.1	(4)	1.8	1.2	(4)	0.6	0.1
West North Central	100.0	69.8	51.0	1.3	(4)	(4)	(4)	1.2	16.7	(4)	0.1	0.1	(4)	(4)	.....	(4)	(4)	0.7	0.5	(4)	0.2	(4)
South Atlantic	100.0	62.5	31.5	2.8	0.1	1.4	1.3	(4)	5.9	1.0	18.6	0.2	(4)	0.1	0.1	(4)	(4)	2.3	0.5	0.6	1.2	0.1
East South Central	100.0	58.7	30.9	0.8	(4)	0.5	0.3	(4)	5.7	1.3	18.0	0.5	(4)	0.3	0.1	(4)	(4)	1.4	0.3	0.4	0.8	(4)
West South Central	100.0	67.4	33.4	0.4	(4)	0.2	0.2	(4)	5.6	(4)	25.8	0.8	(4)	0.2	0.6	0.4	0.4	0.9	0.2	0.2	0.5	(4)
Mountain	100.0	55.7	21.1	0.6	0.2	0.2	(4)	0.3	31.2	(4)	(4)	1.1	1.0	(4)	(4)	0.1	0.1	1.5	1.1	(4)	0.5	(4)
Pacific	100.0	48.3	26.3	0.8	0.7	(4)	(4)	(4)	19.1	(4)	(4)	0.4	0.4	(4)	.....	0.2	(4)	1.4	0.8	(4)	0.6	0.1
The North	100.0	67.8	46.2	1.0	0.2	0.1	(4)	0.7	18.8	0.1	(4)	0.1	(4)	(4)	.....	(4)	(4)	1.5	1.0	(4)	0.5	0.1
The South	100.0	63.3	32.1	1.3	(4)	0.7	0.6	(4)	5.7	0.7	21.2	0.5	(4)	0.2	0.3	0.2	0.2	1.5	0.3	0.4	0.8	0.1
The West	100.0	51.4	24.1	0.7	0.5	0.1	(4)	0.1	24.2	(4)	(4)	0.7	0.7	(4)	(4)	0.1	(4)	1.4	0.9	(4)	0.5	0.1
East of Mississippi	100.0	63.2	36.3	1.1	0.3	0.5	0.4	(4)	14.9	0.6	7.8	0.2	(4)	0.1	0.1	(4)	(4)	2.2	1.1	0.2	0.9	0.1
West of Mississippi	100.0	66.6	43.1	1.0	0.1	0.1	(4)	0.8	15.3	(4)	5.8	0.3	0.1	0.1	0.1	0.1	0.1	0.9	0.5	0.1	0.3	(4)

[1] For corresponding percentages for important individual cereals, see Tables 15 for corn, 22 for wheat, and 28 for oats in Chapter IX.
[2] Includes small amounts for grains and seeds not shown separately.
[3] Includes small amounts for hops, hemp, and other minor crops not shown separately.
[4] Less than one-tenth of 1 per cent.

PERCENTAGE OF ACREAGE OF CROPS WITH ACREAGE REPORTS IN INDIVIDUAL CROPS, BY DIVISIONS AND SECTIONS: 1909.

Table 13

DIVISION OR SECTION.	Total acreage of crops with acreage reports.	ALL CEREALS.						Other grains and seeds with acreage reports.	Hay and forage.	Tobacco.	Cotton.	SUGAR CROPS WITH ACREAGE REPORTS.				VEGETABLES.				Small fruits.
		Total.	Corn.	Wheat.	Oats.	Barley.	Rye.					Total.	Sugar beets.	Sorghum cane.	Sugar cane.	Total.	Potatoes.	Sweet potatoes and yams.		
United States	100.0	61.5	31.6	14.2	11.3	2.5	0.7	1.7	23.2	0.4	10.3	0.4	0.1	0.1	0.2	2.3	1.2	0.2		0.1
New England	100.0	10.1	3.9	0.1	4.8	0.3	0.3	0.4	81.5	0.5	.....	(1)	(1)	(1)	.....	7.2	5.0	(1)		0.3
Middle Atlantic	100.0	42.9	12.5	9.2	14.5	0.5	2.7	0.7	49.2	0.3	.....	(1)	(1)	(1)	.....	6.4	4.2	0.1		0.3
East North Central	100.0	70.8	36.6	11.8	18.8	1.7	1.6	1.1	24.7	0.3	.....	0.2	0.2	0.1	.....	2.7	1.8	(1)		0.1
West North Central	100.0	73.0	31.3	22.6	13.7	4.2	0.4	1.9	23.9	(1)	0.1	0.1	(1)	0.1	.....	1.0	0.7	(1)		(1)
South Atlantic	100.0	50.5	37.6	7.4	4.5	0.1	0.5	4.4	9.4	1.6	29.7	0.4	(1)	0.2	0.2	3.7	0.8	1.0		0.1
East South Central	100.0	52.7	43.9	5.1	3.4	(1)	0.2	1.4	9.7	2.2	30.7	0.8	(1)	0.6	0.2	2.4	0.5	0.6		0.1
West South Central	100.0	49.6	38.0	4.0	3.3	(1)	(1)	0.7	8.3	(1)	38.2	1.2	(1)	0.3	0.9	1.3	0.3	0.3		(1)
Mountain	100.0	37.9	5.2	14.5	13.1	3.5	0.4	1.2	56.1	(1)	(1)	1.9	1.9	0.1	(1)	2.8	1.9	(1)		0.1
Pacific	100.0	54.6	0.9	31.6	7.5	13.9	0.2	1.6	39.6	(1)	(1)	0.8	0.8	(1)	.....	2.8	1.6	(1)		0.2
The North	100.0	68.2	30.6	17.6	15.1	3.0	1.0	1.5	27.7	0.1	(1)	0.1	0.1	0.1	.....	2.2	1.5	(1)		0.1
The South	100.0	50.7	39.5	5.4	3.7	(1)	0.2	2.1	9.0	1.1	33.5	0.8	(1)	0.3	0.5	2.4	0.5	0.6		0.1
The West	100.0	47.0	2.9	23.8	10.1	9.2	0.3	1.4	47.1	(1)	(1)	1.3	1.3	(1)	(1)	2.8	1.7	(1)		0.1
East of the Mississippi River	100.0	57.4	34.1	8.9	11.8	0.8	1.2	1.8	23.5	0.9	12.3	0.3	0.1	0.2	0.1	3.5	1.8	0.4		0.1
West of the Mississippi River	100.0	64.8	29.6	18.5	10.9	3.8	0.3	1.5	23.0	(1)	8.7	0.5	0.2	0.1	0.2	1.3	0.7	0.1		(1)

[1] Less than one-tenth of 1 per cent.

No detailed discussion of these tables is necessary because the distribution of the acreage of the different crops in each division and section is similar to the distribution of value shown in Table 10. The most noteworthy difference is that in two of the three southern divisions in 1909 the acreage in corn exceeded that in cotton, although in each the value of the cotton crop was much greater than that of the corn crop.

Relative importance of the divisions and sections in the production of leading crops: 1909.—Table 14 shows, for the cereals as a group and for the several other crops with acreage reports, the distribution of the acreage, by divisions and sections. The distribution of all improved land and of the total known crop acreage is also given. The cereals in this table are given only as a whole, the figures for the individual cereals being shown in Table 13. It may be noted that the distribution of the acreage of the several crops covered by Table 14 is substantially the same as that of their value. It should be borne in mind that the differences among the divisions as to their proportion of the total acreage of certain crops are largely due to differences in total land area, and particularly to differences in their total acreage of improved farm land.

Table 14

PER CENT OF TOTAL ACREAGE: 1909

DIVISION OR SECTION.	Improved farm land.	Crops with acreage reports.	All cereals.	Other grains and seeds with acreage reports: Dry edible beans.	Dry peas.	Peanuts.	Flaxseed.	Hay and forage.	Tobacco.	Cotton.	Sugar crops with acreage reports: Total.	Sugar beets.	Sorghum cane.	Sugar cane.	Sundry minor crops with acreage reports: Broom corn.	Hemp.	Hops.	Vegetables: Total.	Potatoes.	Sweet potatoes and yams.	All other vegetables.	Small fruits.	Flowers and plants.	Nursery products.
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England	1.5	1.5	0.2	2.1	0.1	.....	(1)	5.3	1.7	.....	(1)	(1)	(1)	.....	(1)	0.2	.....	4.7	6.4	(1)	3.7	5.1	12.5	3.3
Middle Atlantic	6.1	5.6	3.0	14.6	0.3	(1)	(1)	11.8	3.5	.....	0.1	0.4	0.1	.....	(1)	.....	26.9	15.7	19.9	3.7	12.9	20.3	35.3	17.0
East North Central	18.6	19.2	22.1	52.6	17.4	(1)	0.5	20.4	13.3	.....	10.5	27.5	7.8	.....	12.0	4.5	0.1	23.2	30.1	2.1	18.8	20.9	21.1	17.1
West North Central	34.3	36.8	43.7	1.1	2.1	(1)	97.4	37.9	0.4	0.3	6.7	3.7	16.4	.....	14.4	0.2	(1)	16.5	21.4	2.4	13.4	13.1	6.5	20.6
South Atlantic	10.1	9.7	8.0	3.2	51.2	72.9	(1)	4.0	37.6	28.1	9.4	(1)	14.1	12.0	0.1	(1)	(1)	16.0	0.5	46.1	21.6	16.7	8.1	12.4
East South Central	9.2	8.3	7.1	2.3	15.6	15.4	(1)	3.4	43.3	24.7	15.8	0.1	34.0	10.9	0.6	89.6	(1)	8.9	3.3	25.1	12.5	7.0	3.5	10.1
West South Central	12.2	12.6	10.2	0.4	10.6	11.6	0.1	4.5	0.1	46.9	37.6	0.2	20.0	77.0	69.4	0.5	.....	7.3	3.2	19.7	9.9	7.1	3.4	7.1
Mountain	3.3	2.8	1.8	3.8	2.2	.....	2.0	6.9	(1)	(1)	13.4	45.5	1.5	(1)	3.1	1.0	.....	3.5	4.6	0.1	2.7	2.5	1.3	2.1
Pacific	4.6	3.4	3.0	19.8	0.5	.....	(1)	5.8	(1)	(1)	6.4	22.5	0.2	.....	0.4	3.9	72.9	4.3	4.6	0.8	4.6	7.5	8.1	10.3
The North	60.6	63.1	70.0	70.4	19.9	0.1	97.9	75.4	18.9	0.3	17.3	31.6	24.3	.....	26.4	4.9	27.0	60.1	77.7	8.2	48.7	59.3	75.5	58.0
The South	31.5	30.6	25.3	6.0	77.4	99.9	0.1	11.9	81.1	99.7	62.8	0.4	74.1	100.0	70.1	90.2	0.1	32.2	18.0	90.9	44.0	30.8	15.1	29.6
The West	7.9	6.3	4.8	23.6	2.7	(1)	2.0	12.7	(1)	(1)	19.9	68.0	1.7	(1)	3.5	4.9	72.9	7.7	9.3	0.9	7.3	9.9	9.4	12.5
East of the Mississippi River	45.6	44.3	41.3	74.8	84.5	88.3	0.5	44.9	99.4	52.8	35.8	28.1	56.0	22.9	12.6	94.3	27.1	68.4	66.2	77.0	69.4	69.9	80.7	59.8
West of the Mississippi River	54.4	55.7	58.7	25.2	15.5	11.7	99.5	55.1	0.6	47.2	64.2	71.9	44.0	77.1	87.4	5.7	72.9	31.6	33.8	23.0	30.6	30.1	19.3	40.2

[1] Less than one-tenth of 1 per cent.

The acreage of cereals taken as a group, of hay and forage, and of vegetables taken as a group, is widely though by no means evenly distributed through the country. Cotton and sugar cane are practically confined to the South and nearly all the tobacco is raised east of the Mississippi River. Among the minor crops peanuts and sweet potatoes and yams are almost entirely, and hemp is very largely, confined to the South; hops are practically restricted to two divisions, the Pacific and the Middle Atlantic; flaxseed is mainly confined to the West North Central division; while the other minor crops are in most cases largely concentrated in three or four divisions.

The distribution, by divisions and sections, of the value of the more important crops without acreage reports is given in Table 15.

Table 15

PER CENT OF TOTAL VALUE: 1909

DIVISION OR SECTION.	All crops.	Crops with acreage reports.	Crops with no acreage reports: Total.	Seeds.	Maple sugar and sirup.	Orchard fruits.	Grapes.	Tropical fruits.	Nuts.	Forest products.
United States	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England	2.6	2.3	6.5	0.3	27.2	5.2	0.5	(1)	0.5	9.0
Middle Atlantic	7.6	7.1	13.8	2.3	33.1	20.3	22.5	(1)	3.9	9.8
East North Central	20.4	20.7	16.7	40.4	36.8	17.3	14.2	(1)	1.7	16.5
West North Central	26.4	27.7	10.3	36.5	0.9	10.5	5.3	(1)	2.2	10.2
South Atlantic	13.5	13.3	16.7	1.3	1.8	11.2	4.1	29.3	4.7	22.5
East South Central	10.0	10.0	10.1	3.9	0.2	7.9	1.6	0.8	3.6	15.0
West South Central	11.5	11.8	6.8	1.6	(1)	3.8	1.4	1.8	16.3	10.8
Mountain	3.0	3.0	2.8	6.4	(1)	5.4	0.6	0.3	0.2	1.3
Pacific	5.1	4.2	16.4	7.4	(1)	18.4	49.9	67.8	66.9	4.9
The North	56.9	57.7	47.2	79.4	98.0	53.3	42.4	(1)	8.3	45.5
The South	35.0	35.1	33.6	6.8	2.0	22.8	7.1	31.9	24.6	48.3
The West	8.1	7.2	19.2	13.8	(1)	23.9	50.5	68.1	67.1	6.2
East of the Mississippi	54.1	53.3	63.8	48.2	99.0	61.9	42.9	30.1	14.4	72.8
West of the Mississippi	45.9	46.7	36.2	51.8	1.0	38.1	57.1	69.9	85.6	27.2

[1] Less than one-tenth of 1 per cent.

The production of seeds (grass seed and flower and vegetable seeds) is largely concentrated in the two North Central divisions; that of maple sugar and sirup in the East North Central, Middle Atlantic, and New England divisions; that of grapes in the Pacific, Middle Atlantic, and East North Central; that of tropical fruits in the Pacific and South Atlantic; that of nuts in the Pacific and West South Central; while that of orchard fruits and forest products is more evenly distributed.

Acreage and value of all crops, by states: 1909 and 1899.—Table 16 presents, by states, for 1909 and 1899, the acreage and value of crops with acreage reports, and the total value of all crops, together with amounts and percentages of increase or decrease. The map on page 546 shows the distribution of the value of all farm crops among the states.

When judged by total value of crops raised, Illinois was the most important agricultural state both in 1909 and in 1899; the total value of all crops in that state in 1909 was $372,270,000 and in 1899, $214,833,000. There was only one other state, Iowa, where the total value of crops raised in 1909 exceeded $300,000,000. In 7 states, Texas, Ohio, Georgia, Missouri, Kansas, New York, and Indiana, the total value of crops was between $200,000,000 and $300,000,000. In 17 other states the value of crops in 1909 exceeded $100,000,000 each.

Among the 26 states having a value of crops in excess of $100,000,000 each were all of the 12 states in the two North Central divisions; 2 of the 3 states in the Middle Atlantic; 4 of the 8 in the South Atlantic; all the 4 in the East South Central; 3 of the 4 in the West South Central; and 1 of the 3 in the Pacific, no state in the New England or in the Mountain division being included in the 26.

The absolute increase between 1899 and 1909 in the value of all crops produced exceeded $100,000,000 in seven states, namely: Illinois ($157,438,000), Georgia ($140,250,000), Texas ($131,169,000), North Dakota ($126,595,000), Iowa ($119,114,000), Nebraska

($103,656,000), and Kansas ($101,337,000); it exceeded $10,000,000 in each of the states of the Middle Atlantic, the East and West North Central, the East and West South Central, and the Pacific divisions, as well as in one state in the New England division (Maine) and in four in the Mountain division; the increase exceeded $1,000,000 in every state except Rhode Island.

ALL FARM CROPS—ACREAGE AND VALUE, BY STATES: 1909 AND 1899.

Table 16

STATE.	ACREAGE OF CROPS WITH ACREAGE REPORTS.				VALUE OF CROPS WITH ACREAGE REPORTS.				VALUE OF ALL CROPS.			
	1909	1899	Increase.[1]		1909	1899	Increase.[1]		1909	1899	Increase.[1]	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
NEW ENGLAND:												
Maine	1,588,065	1,543,277	44,788	2.9	$31,440,942	$18,432,041	$13,008,901	70.6	$39,317,647	$21,954,054	$17,363,593	79.1
New Hampshire	593,093	688,107	−95,014	−13.8	11,441,698	9,153,332	2,288,366	25.0	15,976,175	12,272,232	3,703,943	30.2
Vermont	1,203,795	1,203,513	282	(2)	21,877,448	14,993,548	6,883,900	45.9	27,446,836	18,170,279	9,276,557	51.1
Massachusetts	654,[illegible]	735,134	−80,290	−10.9	27,062,235	19,893,681	7,168,554	36.0	31,948,095	23,157,544	8,790,551	38.0
Rhode Island	84,207	92,415	−8,208	−8.9	3,410,442	2,679,676	730,766	27.3	3,937,077	3,040,321	896,756	29.5
Connecticut	534,846	603,357	−68,511	−11.4	19,166,472	14,227,786	4,938,686	34.7	22,487,999	16,625,589	5,862,410	35.3
MIDDLE ATLANTIC:												
New York	8,387,731	9,041,199	−653,468	−7.2	174,475,689	127,872,299	46,603,390	36.4	209,168,236	149,918,353	59,249,883	39.5
New Jersey	1,114,903	1,212,772	−97,869	−8.1	37,003,915	24,615,856	12,388,059	50.3	40,340,491	27,916,841	12,423,650	44.5
Pennsylvania	7,826,562	8,365,475	−538,913	−6.4	147,955,288	111,233,656	36,721,632	33.0	166,739,898	126,994,141	39,745,757	31.3
E. NORTH CENTRAL:												
Ohio	11,431,610	11,614,165	−182,555	−1.6	215,250,975	141,943,986	73,306,989	51.6	230,337,981	156,852,358	73,485,623	46.9
Indiana	11,331,395	11,134,726	196,669	1.8	193,395,392	111,736,411	81,658,981	73.1	204,209,812	122,502,274	81,707,538	66.7
Illinois	20,273,916	20,519,034	−245,118	−1.2	362,464,951	207,355,825	155,109,126	74.8	372,270,470	214,832,706	157,437,764	73.3
Michigan	8,198,578	7,741,175	457,403	5.9	141,976,000	80,455,649	61,520,351	76.5	162,004,681	92,625,715	69,378,966	74.9
Wisconsin	8,555,080	8,214,711	340,369	4.1	134,901,875	81,263,632	53,638,243	66.0	148,359,216	88,142,349	60,216,867	68.3
W. NORTH CENTRAL:												
Minnesota	14,731,464	15,119,570	−388,106	−2.6	185,832,198	112,420,730	73,411,468	65.3	193,451,474	115,694,937	77,756,537	67.2
Iowa	20,374,925	21,985,377	−1,610,452	−7.3	304,491,033	189,013,039	115,477,994	61.1	314,666,298	195,552,547	119,113,751	60.9
Missouri	14,336,588	14,351,177	−15,589	−0.1	204,286,256	113,239,900	91,046,356	80.4	220,663,724	121,455,026	99,208,698	81.7
North Dakota	15,888,756	7,821,705	8,067,051	103.1	180,279,872	53,911,419	126,368,453	234.4	182,635,520	54,040,817	128,594,703	234.3
South Dakota	12,226,772	8,843,905	3,382,867	38.3	124,400,789	44,002,846	80,397,943	182.7	125,507,249	44,175,615	81,331,634	184.1
Nebraska	17,231,205	15,044,428	2,186,777	14.5	192,741,710	91,139,037	101,602,673	111.5	196,125,632	92,469,326	103,656,306	112.1
Kansas	19,900,750	18,077,048	1,823,702	10.1	211,485,723	110,290,785	101,194,938	91.7	214,859,597	113,522,693	101,336,904	89.3
SOUTH ATLANTIC:												
Delaware	438,522	437,168	1,354	0.3	8,489,539	5,713,085	2,776,454	48.6	9,121,809	6,275,360	2,846,449	45.4
Maryland	1,931,972	1,940,093	−8,121	−0.4	39,690,648	27,655,785	12,034,863	43.5	43,920,149	30,216,989	13,703,160	45.4
Dist. of Columbia	2,982	3,396	−414	−12.2	541,996	667,834	−125,838	−18.8	546,479	669,209	−122,730	−18.3
Virginia	4,256,226	4,345,537	−89,311	−2.1	86,434,239	52,100,608	34,333,631	65.9	100,531,157	58,701,742	41,829,415	71.3
West Virginia	1,874,382	1,992,403	−118,021	−5.9	33,120,053	20,805,107	12,314,946	59.2	40,374,776	25,696,189	14,678,587	57.1
North Carolina	5,737,037	5,609,144	127,893	2.3	127,822,068	62,225,162	65,596,906	105.4	142,890,192	68,624,912	74,265,280	108.2
South Carolina	5,152,845	4,722,151	430,694	9.1	136,313,422	56,613,543	79,699,879	140.8	141,983,354	58,990,413	83,092,941	141.1
Georgia	9,662,383	8,267,290	1,395,093	16.9	214,463,237	82,450,615	132,012,622	160.1	226,595,436	86,345,343	140,250,093	162.4
Florida	1,223,078	1,019,968	203,110	19.9	26,350,280	11,643,066	14,707,214	126.3	36,141,894	13,498,580	22,643,314	167.8
E. SOUTH CENTRAL:												
Kentucky	6,046,819	6,349,926	−303,107	−4.8	125,880,988	72,505,538	53,375,450	73.6	138,973,107	78,962,845	60,010,262	76.0
Tennessee	6,365,143	6,680,504	−315,361	−4.7	108,517,537	63,943,934	44,573,603	69.7	120,706,211	70,745,242	49,960,969	70.6
Alabama	7,205,239	6,714,786	490,453	7.3	135,942,678	70,119,129	65,823,549	93.9	144,287,347	73,190,720	71,096,627	97.1
Mississippi	6,158,719	5,570,380	588,339	10.6	139,126,139	81,358,341	57,767,798	71.0	147,315,621	84,883,776	62,431,845	73.5
W. SOUTH CENTRAL:												
Arkansas	5,376,484	5,017,894	358,590	7.1	109,332,380	55,431,909	53,900,471	97.2	119,419,025	59,272,212	60,146,813	101.5
Louisiana	3,586,348	3,408,944	177,404	5.2	73,002,698	60,959,969	12,042,729	19.8	77,336,143	62,654,543	14,681,600	23.4
Oklahoma	11,921,670	[3] 6,317,711	5,603,959	88.7	130,502,155	[3] 42,773,258	87,728,897	205.1	133,454,405	[3] 43,759,824	89,694,581	205.0
Texas	18,389,092	15,112,549	3,276,543	21.7	287,295,880	161,842,268	125,453,612	77.5	298,133,466	166,964,711	131,168,755	78.6
MOUNTAIN:												
Montana	1,848,113	1,146,093	702,020	61.3	28,459,747	10,449,769	18,009,978	172.4	29,714,563	10,692,515	19,022,048	177.9
Idaho	1,638,479	918,124	720,355	78.5	32,007,527	8,565,657	23,441,870	273.7	34,357,851	9,267,261	25,090,590	270.7
Wyoming	786,650	435,621	351,029	80.6	9,791,830	3,095,472	6,696,358	216.3	10,022,961	3,133,723	6,889,238	219.8
Colorado	2,614,312	1,549,503	1,064,809	68.7	45,795,093	16,389,714	29,405,379	179.4	50,974,958	16,970,588	34,004,370	200.4
New Mexico	632,769	196,023	436,746	222.8	8,076,854	2,798,108	5,278,746	188.7	8,922,397	3,064,567	5,857,830	191.2
Arizona	190,982	150,781	40,201	26.7	4,958,938	2,249,407	2,709,531	120.5	5,496,872	2,472,348	3,024,524	122.3
Utah	755,370	669,824	85,546	12.8	17,488,271	7,794,365	9,693,906	124.4	18,484,615	8,242,985	10,241,630	124.2
Nevada	392,387	326,526	65,861	20.2	5,780,037	2,845,096	2,934,941	103.2	5,923,536	2,887,569	3,035,967	105.1
PACIFIC:												
Washington	3,431,273	1,901,381	1,529,892	80.5	70,770,261	21,487,785	49,282,476	229.4	78,927,053	23,532,150	55,394,903	235.4
Oregon	2,281,288	2,027,856	253,432	12.5	42,293,157	19,396,848	22,896,309	118.0	49,040,725	21,806,687	27,234,038	124.9
California	4,924,733	6,434,434	−1,509,701	−23.5	100,409,039	64,583,063	35,825,976	55.5	153,111,013	95,365,712	57,745,301	60.6

[1] A minus sign (−) denotes decrease.

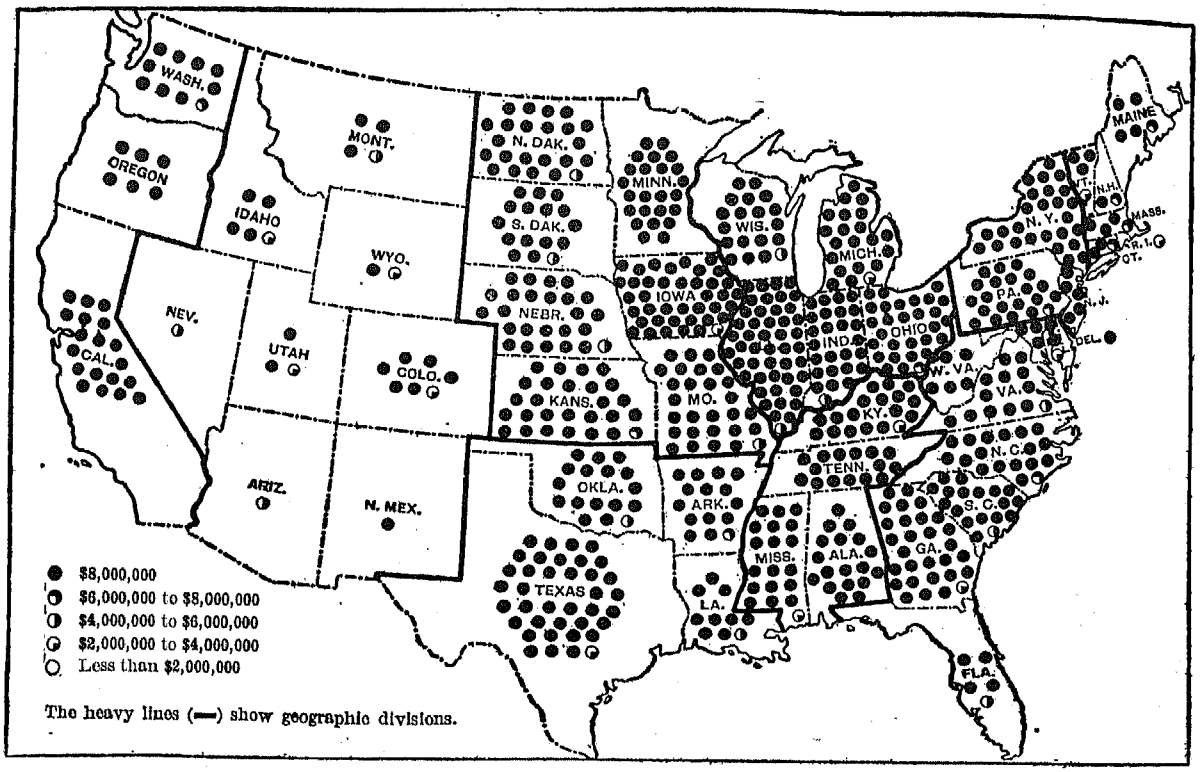
[2] Less than one-tenth of 1 per cent.

[3] Includes Indian Territory.

The percentage of increase in the value of all crops between 1899 and 1909 was greatest in Idaho (270.7 per cent); Washington, with 235.4 per cent, was next, followed in order by North Dakota (234.3 per cent), Wyoming (219.8 per cent), Oklahoma (205 per cent), and Colorado (200.4 per cent). Most of the states with very high percentages of increase had comparatively small aggregate crop values in 1899 and show absolute increases that are not exceptionally great. Georgia, North Dakota, and Nebraska are the only states where the increase in the value of all crops between 1899 and 1909 exceeded $100,000,000 and was also more than 100 per cent.

Of the states in the West every one except California shows an increase in the value of all crops of over 100 per cent; of the states in the South, four on the Atlantic coast (Florida, Georgia, South Carolina, and North Carolina) and two in the Southwest (Oklahoma and Arkansas) more than doubled the value of their crops during the last decade; but of the states in the North only three, North and South Dakota and Nebraska, show an increase of more than 100 per cent in the value of their crops. No state in the New England, Middle Atlantic, or East North Central divisions shows an increase in the value of crops as great as that for the United States as a whole (83 per cent).

ALL FARM CROPS—VALUE, BY STATES: 1909.



While there was no state reporting a decrease in the total value of crops in 1909 as compared with 1899, there were 18 states reporting a decrease in known crop acreage.[1] It may be noted that 9 of the 13 original states are among those reporting losses in crop acreage. Of the Western states, California is the only one reporting a decrease and of the Southern states, Virginia, West Virginia, Kentucky, Tennessee, and Maryland reported decreases, while of the Northern states a majority reported decreases in crop acreage, the four states on the western boundary of the West North Central division (North and South Dakota, Nebraska, and Kansas) being the only ones in the North to report a higher percentage of increase in crop acreage than the United States as a whole. During the decade there was an increase of over 1,000,000 acres in land devoted to crops in North Dakota, Oklahoma, South Dakota, Texas, Nebraska, Kansas, Washington, Georgia, and Colorado. New Mexico reported the highest percentage of gain, 222.8, followed by North Dakota, Oklahoma, Wyoming, Washington, and Idaho. In Iowa and in California the loss in acreage reported was over 1,500,000, and in New York and Pennsylvania it exceeded 500,000. In California the increase in the acreage of fruit and nut crops doubtless in part if not wholly offset the decrease in crops for which acreage was reported. Besides these 4 states 14 others reported less land in crops for which acreage was reported in 1909 than in 1899. The relative decrease was greatest in California, followed by New Hampshire, Connecticut, and Massachusetts.

[1] The District of Columbia is not included in this statement.

GENERAL TABLES.

Table 17 gives, by divisions and states, the average value per acre of all crops with acreage reports and the average value per farm of all crops, including those without acreage reports for 1909 and 1899.

Table 18 gives, for 1909 and 1899, the acreage and value of each important crop, by divisions and states, together with percentages of increase or decrease.

Table 19 shows the percentages of improved land occupied by each leading crop in each division and state at the censuses of 1879, 1889, 1899, and 1909.

Table 20 shows, for 1909 and 1899, the per cent distribution of the total value of all crops among the principal crops, by divisions and states.

AVERAGE VALUE PER ACRE OF ALL CROPS WITH ACREAGE REPORTS, AND AVERAGE VALUE PER FARM FOR ALL CROPS, BY DIVISIONS AND STATES: 1909 AND 1899.

Table 17

DIVISION OR STATE.	AVERAGE VALUE PER ACRE OF CROPS WITH ACREAGE REPORTS.		AVERAGE VALUE OF ALL FARM CROPS PER FARM.	
	1909	1899	1909	1899
United States	**$16.30**	**$9.77**	**$863**	**$523**
GEOGRAPHIC DIVISIONS:				
New England	24.56	16.31	747	496
Middle Atlantic	20.74	14.16	889	628
East North Central	17.53	10.52	994	594
West North Central	12.24	7.05	1,303	695
South Atlantic	22.23	11.29	667	363
East South Central	19.77	11.37	529	341
West South Central	15.28	10.75	666	441
Mountain	17.20	10.05	893	560
Pacific	20.07	10.18	1,480	994
NEW ENGLAND:				
Maine	19.80	11.94	655	370
New Hampshire	19.29	13.30	591	419
Vermont	18.17	12.46	839	549
Massachusetts	41.33	27.06	865	614
Rhode Island	40.50	29.00	744	553
Connecticut	35.84	23.58	839	617
MIDDLE ATLANTIC:				
New York	20.80	14.14	970	661
New Jersey	33.19	20.30	1,205	806
Pennsylvania	18.90	13.30	760	566
EAST NORTH CENTRAL:				
Ohio	18.83	12.22	847	567
Indiana	17.07	10.03	948	552
Illinois	17.88	10.11	1,478	813
Michigan	17.32	10.39	783	456
Wisconsin	15.77	9.89	838	519
WEST NORTH CENTRAL:				
Minnesota	12.61	7.44	1,239	748
Iowa	14.94	8.60	1,450	855
Missouri	14.25	7.89	796	426
North Dakota	11.35	6.89	2,429	1,192
South Dakota	10.17	4.98	1,616	839
Nebraska	11.19	6.06	1,512	761
Kansas	10.63	6.10	1,208	656
SOUTH ATLANTIC:				
Delaware	19.36	13.07	842	648
Maryland	20.54	14.25	898	657
District of Columbia	181.76	196.65	2,518	2,488
Virginia	20.31	11.99	546	350
West Virginia	17.67	10.44	418	277
North Carolina	22.28	11.09	563	305
South Carolina	26.45	11.99	805	379
Georgia	22.20	9.97	779	384
Florida	21.54	11.42	723	331
EAST SOUTH CENTRAL:				
Kentucky	20.82	11.42	536	336
Tennessee	17.05	9.57	491	315
Alabama	18.87	10.44	549	328
Mississippi	22.59	14.61	537	384
WEST SOUTH CENTRAL:				
Arkansas	20.34	11.05	556	332
Louisiana	20.36	17.88	642	540
Oklahoma	10.95	6.77	702	405
Texas	15.62	10.71	714	474
MOUNTAIN:				
Montana	15.40	9.12	1,134	800
Idaho	19.53	9.33	1,115	530
Wyoming	12.45	7.11	912	514
Colorado	17.52	10.58	1,104	687
New Mexico	12.76	14.27	250	249
Arizona	25.97	14.92	596	426
Utah	23.15	11.64	853	425
Nevada	14.73	8.71	2,203	1,322
PACIFIC:				
Washington	20.63	11.30	1,405	709
Oregon	18.54	9.57	1,078	608
California	20.39	10.04	1,736	1,315

PRINCIPAL CROPS WITH ACREAGE REPORTS—ACRES AND VALUE, WITH

[A minus sign (—) denotes decrease.]

	Table 18 DIVISION OR STATE.	Improved land in farms (acres).	Value of all farm crops.	CEREALS. Total. Acres.	Total. Value.	Corn. Acres.	Corn. Value.	Oats. Acres.	Oats. Value.	Wheat. Acres.	Wheat. Value.
	UNITED STATES										
1	1909	478,451,750	$5,487,161,223	191,395,963	$2,665,539,714	98,382,665	$1,438,553,919	35,159,441	$414,697,422	44,262,592	$657,656,801
2	1899	414,498,487	2,998,704,412	184,982,220	1,482,603,049	94,913,673	828,192,388	29,539,698	217,098,584	52,588,574	369,945,320
3	Per cent of increase	15.4	83.0	3.5	79.8	3.7	73.7	19.0	91.0	—15.8	77.8
	GEOGRAPHIC DIVISIONS										
	NEW ENGLAND.										
4	1909	7,254,904	141,113,829	468,617	10,664,849	182,065	5,560,074	223,221	4,027,338	4,893	122,532
5	1899	8,134,403	95,220,019	505,327	7,722,703	198,377	3,976,367	212,737	2,705,249	9,237	147,742
6	Per cent of increase	—10.8	48.2	—7.3	38.1	—8.2	39.8	5.0	48.9	—47.0	—17.1
	MIDDLE ATLANTIC.										
7	1909	29,320,894	416,248,625	7,430,170	123,246,651	2,158,554	45,434,191	2,518,886	33,111,736	1,598,325	31,665,041
8	1899	30,786,211	304,829,335	8,452,125	92,032,936	2,434,743	35,612,050	2,579,559	24,515,326	2,204,350	22,393,223
9	Per cent of increase	—4.8	36.5	—12.1	33.9	—11.3	27.6	—2.4	35.1	—27.5	41.4
	EAST NORTH CENTRAL.										
10	1909	88,947,228	1,117,182,160	42,305,757	731,015,347	21,910,191	434,424,336	11,225,445	149,004,329	7,038,364	121,885,650
11	1899	86,670,271	674,955,402	43,553,749	428,806,352	21,590,200	248,570,575	10,087,121	81,881,022	10,410,893	85,051,479
12	Per cent of increase	2.6	65.5	—2.9	70.5	1.5	74.8	11.3	82.0	—32.4	43.3
	WEST NORTH CENTRAL.										
13	1909	164,284,862	1,445,909,494	83,705,743	1,089,912,479	35,945,297	503,264,949	15,710,495	162,647,073	25,863,556	363,923,162
14	1899	135,643,828	736,910,961	75,771,149	547,206,135	35,529,208	286,872,473	12,109,758	79,970,336	25,085,308	159,281,250
15	Per cent of increase	21.1	96.2	10.5	99.1	1.2	75.4	29.7	103.4	3.1	128.5
	SOUTH ATLANTIC.										
16	1909	48,479,733	742,105,246	15,282,740	194,406,951	11,386,984	149,479,304	1,368,832	13,388,578	2,241,345	28,725,004
17	1899	46,100,226	348,918,717	16,964,662	111,068,436	12,024,742	70,406,051	1,268,061	5,869,687	3,368,872	22,903,064
18	Per cent of increase	5.2	112.7	—9.9	75.1	—5.3	88.2	7.9	128.1	—33.5	25.4
	EAST SOUTH CENTRAL.										
19	1909	43,946,846	551,282,286	13,575,676	173,832,911	11,328,268	150,975,613	870,762	6,535,286	1,315,243	15,851,025
20	1899	40,237,337	307,782,583	15,601,376	114,349,049	11,713,504	63,440,189	855,842	3,317,185	2,987,483	17,339,440
21	Per cent of increase	9.2	79.1	—13.0	52.0	—3.3	61.6	1.7	97.0	—56.0	—8.6
	WEST SOUTH CENTRAL.										
22	1909	58,264,273	628,343,039	19,468,212	194,958,491	14,912,067	143,035,538	1,276,534	12,764,241	1,556,087	17,278,603
23	1899	39,770,530	332,651,290	15,919,053	109,908,922	11,181,133	78,023,053	1,472,449	8,590,119	2,934,687	18,547,956
24	Per cent of increase	46.5	88.9	22.3	77.3	33.4	83.3	—13.3	48.6	—47.0	—6.8
	MOUNTAIN.										
25	1909	15,915,002	163,807,753	3,354,074	56,779,935	463,991	4,587,706	1,164,204	19,673,773	1,285,360	25,930,395
26	1899	8,402,576	56,731,556	1,636,080	16,220,286	160,211	1,330,780	412,190	4,704,766	942,858	8,715,518
27	Per cent of increase	89.4	188.9	104.9	250.1	189.6	244.8	182.4	318.2	36.3	197.5
	PACIFIC.										
28	1909	22,038,008	281,078,791	5,804,374	90,662,100	95,248	1,792,208	801,062	13,545,068	3,359,419	52,275,389
29	1899	18,753,105	140,704,549	6,577,790	55,137,630	81,405	960,850	541,981	5,544,894	4,644,886	35,565,648
30	Per cent of increase	17.5	99.8	—11.8	64.4	17.0	86.5	47.8	144.3	—27.7	47.0
	NEW ENGLAND.										
	Maine										
31	1909	2,360,657	39,317,047	159,616	3,100,902	15,213	434,834	120,991	2,293,947	3,407	91,554
32	1899	2,386,889	21,054,054	166,896	2,138,203	16,856	326,824	108,661	1,374,573	6,667	107,396
33	Per cent of increase	—1.1	79.1	—4.4	45.0	—0.7	33.0	11.3	66.9	—48.9	—14.8
	New Hampshire										
34	1909	929,185	15,976,175	32,928	879,631	19,814	621,306	10,860	216,938	70	1,406
35	1899	1,076,879	12,272,232	42,335	774,243	25,604	538,738	12,589	184,025	271	3,428
36	Per cent of increase	—13.7	30.2	—22.2	13.6	—22.9	15.3	—13.7	17.9	—74.2	—59.0
	Vermont										
37	1909	1,633,965	27,446,836	134,611	2,651,877	42,887	1,102,222	71,510	1,169,223	678	14,279
38	1899	2,126,024	18,170,279	160,127	2,446,585	60,633	1,180,505	73,372	941,711	1,796	29,078
39	Per cent of increase	—23.2	51.1	—15.9	8.4	—29.3	—6.6	—2.5	24.2	—62.2	—50.9
	Massachusetts										
40	1909	1,164,501	31,948,095	55,267	1,617,131	41,755	1,372,144	7,927	157,381	109	2,515
41	1899	1,292,132	23,157,544	53,385	922,127	39,131	771,277	6,702	84,850	95	1,515
42	Per cent of increase	—9.9	38.0	3.5	75.4	6.7	77.9	18.3	85.5	(1)	66.0
	Rhode Island										
43	1909	178,344	3,937,077	12,112	376,097	9,679	335,629	1,726	28,661	13	211
44	1899	187,354	3,040,321	10,552	189,657	8,149	164,138	1,530	16,631	15	245
45	Per cent of increase	—4.8	29.5	14.8	98.3	18.8	104.5	12.8	72.3	(1)	—13.9
	Connecticut										
46	1909	988,252	22,487,099	74,083	2,039,211	52,717	1,693,939	10,207	161,188	616	12,567
47	1899	1,064,525	16,625,589	72,032	1,251,888	47,014	994,885	9,883	103,459	393	6,080
48	Per cent of increase	—7.2	35.3	2.8	62.9	10.0	70.3	3.3	55.8	56.7	106.7
	MIDDLE ATLANTIC.										
	New York										
49	1909	14,844,039	209,168,236	2,602,461	43,099,988	512,442	11,439,169	1,302,508	17,977,155	289,130	7,175,523
50	1899	15,509,986	149,018,353	3,125,077	34,284,705	658,652	9,181,782	1,329,753	12,929,092	557,736	7,332,597
51	Per cent of increase	—4.8	39.5	—16.7	25.7	—22.2	24.6	—2.0	39.0	—48.2	—2.1
	New Jersey										
52	1909	1,803,336	40,340,491	503,651	9,707,037	265,441	6,664,162	72,130	712,609	83,637	1,563,380
53	1899	1,977,042	27,916,841	588,853	6,938,090	295,258	4,533,473	75,959	492,341	132,571	1,347,659
54	Per cent of increase	—8.8	44.5	—14.5	41.2	—10.1	47.0	—5.0	44.7	—36.9	16.4
	Pennsylvania										
55	1909	12,673,519	166,739,898	4,324,058	70,348,726	1,380,671	27,330,860	1,144,248	14,421,972	1,225,558	22,920,638
56	1899	13,209,183	126,994,141	4,738,195	50,809,541	1,480,833	21,896,795	1,173,847	11,093,893	1,514,043	13,712,976
57	Per cent of increase	—4.1	31.3	—8.7	38.5	—6.8	24.8	—2.5	30.0	—19.1	67.1

[1] Per cent not shown where base is less than 100.

PERCENTAGE OF INCREASE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (−) denotes decrease.]

	CEREALS—continued. Other cereals.		HAY AND FORAGE.		COTTON.		POTATOES AND SWEET POTATOES AND YAMS.		FLAXSEED.		TOBACCO.		ALL OTHER CROPS.
	Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.	Value.
1	13,591,265	$154,631,572	72,280,776	$824,004,877	32,043,838	$703,619,303	4,310,110	$201,853,086	2,083,142	$28,970,550	1,294,911	$104,302,856	$958,870,837
2	7,940,275	67,366,757	61,691,069	484,254,703	24,275,101	323,758,171	3,476,090	118,249,950	2,110,517	19,624,901	1,101,460	56,987,902	513,225,736
3	71.2	129.5	17.2	70.2	32.0	117.3	24.0	70.7	−1.3	47.6	17.6	83.0	86.8
4	58,438	954,905	3,797,598	59,112,700	.....	.....	233,144	17,461,481	7	152	21,745	5,670,002	48,204,645
5	84,976	893,345	4,050,025	43,662,239	.....	.....	180,033	10,092,537	5	39	14,212	4,101,428	29,641,073
6	−31.2	6.9	−6.2	35.4	.....	.....	29.5	73.0	(1)	(1)	53.0	38.2	62.6
7	1,154,405	13,035,683	8,532,793	130,611,620	.....	.....	753,246	38,931,411	130	2,312	45,852	4,328,854	119,127,777
8	1,233,473	9,512,337	8,869,016	98,297,195	.....	.....	700,507	27,958,233	234	2,226	39,060	4,131,623	82,407,122
9	−6.4	37.0	−3.8	32.9	.....	.....	7.5	39.2	−44.4	3.9	17.4	4.8	44.6
10	2,131,757	25,701,032	14,750,878	184,707,528	.....	.....	1,119,332	38,179,140	10,390	180,899	171,973	15,062,892	148,016,354
11	1,465,475	13,303,276	13,528,065	115,904,044	.....	.....	972,587	26,120,902	15,803	188,399	115,810	8,298,696	95,637,009
12	45.5	93.2	9.0	59.4	.....	.....	15.1	46.2	−34.3	−4.0	48.5	81.7	54.8
13	6,186,395	60,077,295	27,398,258	211,305,443	96,563	3,393,040	799,194	31,183,739	2,029,168	28,061,938	5,709	713,321	81,339,534
14	3,046,785	21,172,076	22,147,977	105,962,362	45,749	851,478	654,844	16,330,601	2,070,034	19,272,776	4,706	245,726	46,951,883
15	103.0	183.8	23.7	99.4	111.1	298.5	22.0	91.0	−2.0	45.6	21.3	190.3	73.2
16	285,579	2,874,065	2,856,398	37,836,676	9,002,776	254,636,995	535,641	30,237,957	19	291	487,411	32,843,156	192,083,220
17	302,987	2,889,634	2,161,201	28,926,431	6,842,489	90,759,735	421,406	15,874,722	17	109	465,754	18,627,038	83,662,246
18	−5.7	−0.5	32.2	30.8	31.6	180.6	27.1	90.5	(1)	167.0	4.6	76.3	129.6
19	61,403	470,987	2,487,554	29,644,661	7,926,019	175,543,582	280,297	15,057,294	4	57	560,523	45,548,716	111,655,065
20	44,547	252,835	1,513,370	16,079,741	6,725,588	92,590,366	206,724	7,184,111	5	21	457,998	21,355,283	56,223,412
21	37.8	86.3	64.4	84.4	17.8	89.6	35.6	109.6	(1)	(1)	22.4	113.3	98.6
22	1,723,524	21,880,109	3,276,291	29,783,321	15,017,347	270,018,704	244,168	11,705,254	1,414	17,849	1,683	114,452	121,744,968
23	330,784	4,807,794	2,370,292	14,583,492	10,061,219	139,554,349	160,656	5,649,316	3,659	17,597	3,857	222,392	62,655,222
24	421.0	355.1	38.2	104.2	40.9	93.5	52.0	107.2	−61.4	1.4	−56.4	−48.5	94.3
25	441,119	6,588,061	4,965,543	66,442,108	809	15,238	170,117	8,767,976	41,731	703,241	11	778	31,188,477
26	121,721	1,469,222	3,582,560	29,424,695	56	2,243	80,395	3,739,253	17,691	123,844	8	408	7,220,827
27	262.4	348.4	38.6	125.8	(1)	579.4	111.6	134.5	135.9	467.9	(1)	90.7	331.9
28	1,548,645	23,049,435	4,215,463	74,560,820	324	11,744	174,971	10,328,834	279	3,811	4	685	105,510,797
29	1,309,527	13,066,238	3,468,563	31,414,504	.....	.....	98,938	5,300,275	3,069	19,890	46	5,308	48,826,942
30	18.3	76.4	21.5	137.3	.....	.....	76.8	94.9	−90.9	−80.8	(1)	−87.1	116.1
31	20,005	280,567	1,255,011	15,115,821	.....	.....	135,799	10,224,714	.....	12	.....	10	10,876,188
32	34,712	329,410	1,270,254	10,641,546	.....	.....	71,765	3,711,999	2	22	.....	14	5,462,270
33	−42.4	−14.8	−1.2	42.0	.....	.....	89.2	175.5	.....	.....	.....	(1)	99.1
34	2,184	39,981	529,817	7,846,143	.....	.....	17,370	1,204,626	4	87	79	18,404	6,027,284
35	3,781	48,052	615,042	6,336,252	.....	.....	19,423	1,090,501	.....	.....	109	27,920	4,043,316
36	−42.2	−16.8	−13.9	23.8	.....	.....	−10.6	10.5	.....	.....	−27.5	−34.1	49.1
37	19,536	366,153	1,030,618	16,335,530	.....	.....	26,860	1,743,116	2	38	103	17,416	6,698,559
38	24,326	295,291	1,006,375	10,544,825	.....	.....	28,357	1,333,906	.....	.....	158	43,073	3,801,890
39	−19.7	24.0	2.4	54.9	.....	.....	−5.3	30.7	.....	.....	−34.8	−59.6	76.2
40	5,476	85,091	519,503	11,280,989	.....	.....	24,466	1,994,356	.....	.....	5,521	1,218,060	15,837,559
41	7,457	64,485	610,023	9,056,854	.....	.....	27,521	1,800,948	.....	.....	3,826	956,399	10,421,216
42	−26.6	32.0	−14.8	24.6	.....	.....	−11.1	10.7	.....	.....	44.3	27.4	52.0
43	694	11,596	61,327	1,309,717	.....	.....	4,649	408,437	.....	.....	.....	164	1,842,662
44	858	8,643	69,776	1,081,482	.....	.....	5,817	440,432	.....	.....	.....	.....	1,328,750
45	−19.1	34.2	−12.1	21.1	.....	.....	−20.1	−7.3	.....	.....	.....	.....	38.7
46	10,543	171,517	401,322	7,224,500	.....	.....	24,000	1,886,232	1	15	16,042	4,415,948	6,922,093
47	13,842	147,464	478,555	6,001,280	.....	.....	27,150	1,714,751	3	17	10,119	3,074,022	4,583,631
48	−23.8	16.3	−16.1	20.4	.....	.....	−11.6	10.0	(1)	(1)	58.5	43.7	51.0
49	498,381	6,508,141	5,043,373	77,360,645	.....	.....	394,432	20,346,160	58	837	4,109	402,517	67,958,089
50	578,936	4,841,234	5,154,965	55,237,446	.....	.....	395,713	15,024,723	159	1,485	11,307	1,172,236	44,197,758
51	−13.9	34.4	−2.2	40.1	.....	.....	−0.3	35.4	−63.5	−43.6	−63.7	−65.7	53.8
52	82,443	852,286	401,315	7,627,402	.....	.....	95,495	6,506,974	.....	4	1	221	16,407,953
53	85,065	565,226	444,610	5,544,970	.....	.....	73,484	3,405,466	.....	.....	2	83	12,027,632
54	−3.1	50.8	−9.7	37.6	.....	.....	30.0	91.1	.....	.....	(1)	(1)	36.4
55	573,581	5,675,256	3,088,105	45,623,573	.....	.....	263,319	12,078,277	72	1,471	41,742	3,926,116	34,761,735
56	569,472	4,105,877	3,269,441	37,514,779	.....	.....	231,310	9,528,044	75	741	27,760	2,959,304	26,181,732
57	0.7	38.2	−5.5	21.6	.....	.....	13.8	26.8	(1)	98.5	50.4	32.7	32.8

PRINCIPAL CROPS WITH ACREAGE REPORTS—ACRES AND VALUE, WITH

[A minus sign (—) denotes decrease.]

Table 18—Continued.

	DIVISION OR STATE.	Improved land in farms (acres).	Value of all farm crops.	CEREALS. Total. Acres.	Total. Value.	Corn. Acres.	Corn. Value.	Oats. Acres.	Oats. Value.	Wheat. Acres.	Wheat. Value.
	EAST NORTH CENTRAL.										
	Ohio										
58	1909	19,227,969	$230,337,981	7,649,873	$137,907,934	3,916,050	$82,327,269	1,787,496	$23,212,352	1,827,932	$31,112,978
59	1899	19,244,472	156,852,358	8,214,960	91,748,320	3,826,013	48,037,895	1,115,149	10,236,251	3,209,074	32,855,834
60	Per cent of increase	—0.1	46.9	—6.9	50.3	2.4	71.4	60.3	126.8	—43.0	—5.3
	Indiana										
61	1909	16,031,252	204,209,812	8,752,732	151,808,146	4,901,054	98,437,988	1,667,818	18,928,706	2,082,835	33,593,141
62	1899	16,680,358	122,502,274	8,471,709	81,858,825	4,499,249	51,752,946	1,017,385	7,458,682	2,893,293	22,228,919
63	Per cent of increase	1.5	66.7	3.3	85.6	8.9	90.2	63.9	153.8	—28.0	51.1
	Illinois										
64	1909	28,048,323	372,270,470	16,536,457	297,523,098	10,045,839	198,350,496	4,176,485	59,693,819	2,185,091	38,000,718
65	1899	27,699,219	214,832,706	16,769,010	164,784,437	10,266,335	115,075,901	4,570,034	36,990,019	1,826,143	11,929,458
66	Per cent of increase	1.3	73.3	—1.4	80.5	—2.1	72.4	—8.6	61.4	19.7	218.6
	Michigan										
67	1909	12,832,078	162,004,681	4,415,629	70,544,250	1,589,596	29,580,929	1,429,076	18,506,195	802,137	16,588,866
68	1899	11,799,250	92,625,715	4,721,126	41,819,042	1,501,189	17,798,011	1,019,438	9,264,385	1,925,769	12,921,925
69	Per cent of increase	8.8	74.9	—6.5	68.7	5.9	66.2	40.2	99.8	—58.3	28.4
	Wisconsin										
70	1909	11,907,606	148,359,216	4,951,066	73,141,919	1,457,652	25,727,654	2,164,570	28,663,257	140,369	2,591,954
71	1899	11,246,972	88,142,349	5,376,944	48,595,728	1,497,474	15,905,822	2,365,115	17,931,685	556,614	5,115,346
72	Per cent of increase	5.9	68.3	—7.9	50.5	—2.7	61.8	—8.5	59.8	—74.8	—49.5
	WEST NORTH CENTRAL.										
	Minnesota										
73	1909	19,643,533	193,451,474	10,139,850	140,864,148	2,004,068	30,510,145	2,977,258	34,023,389	3,276,911	56,007,435
74	1899	18,442,585	115,694,937	11,207,069	85,817,555	1,441,580	11,337,105	2,201,325	15,829,804	6,560,707	50,601,948
75	Per cent of increase	6.5	67.2	—9.5	64.1	39.0	169.1	35.2	114.9	—50.1	10.7
	Iowa										
76	1909	29,491,199	314,666,208	15,041,039	230,205,315	9,229,378	107,622,834	4,655,154	49,046,888	526,777	7,703,205
77	1899	29,897,552	195,552,547	16,920,095	147,919,076	9,804,076	97,297,707	4,695,391	33,254,987	1,689,705	11,457,808
78	Per cent of increase	—1.4	60.9	—11.1	55.6	—5.9	72.3	—0.9	47.5	—68.8	—32.8
	Missouri										
79	1909	24,581,186	220,663,724	10,255,476	147,980,414	7,113,953	107,347,033	1,073,325	10,253,990	2,017,128	29,926,209
80	1899	22,900,043	121,455,026	10,423,745	79,574,841	7,423,683	61,240,305	916,178	4,669,185	2,056,219	13,520,012
81	Per cent of increase	7.3	81.7	—1.6	86.0	—4.2	75.3	17.2	119.6	—1.9	121.3
	North Dakota										
82	1909	20,455,092	180,635,520	11,887,141	149,133,451	185,122	2,403,303	2,147,032	24,114,345	8,188,782	109,129,869
83	1899	9,644,520	54,040,817	5,610,374	40,126,051	62,373	397,278	780,517	5,852,615	4,451,251	31,733,763
84	Per cent of increase	112.1	234.3	111.9	271.7	196.8	505.0	175.1	312.0	84.0	243.9
	South Dakota										
85	1909	15,827,208	125,507,240	8,203,519	98,953,050	2,037,658	26,395,985	1,558,643	16,044,785	3,217,255	42,875,223
86	1899	11,285,983	44,175,615	6,211,223	34,506,061	1,196,381	7,263,127	691,167	4,114,456	3,984,659	20,957,917
87	Per cent of increase	40.2	184.1	32.1	186.8	70.3	263.4	125.5	290.0	—19.3	104.6
	Nebraska										
88	1909	24,382,577	196,125,632	12,540,049	153,666,052	7,266,057	88,234,846	2,365,774	19,443,570	2,662,918	44,225,930
89	1899	18,432,595	92,469,326	12,071,703	75,730,442	7,335,187	51,251,213	1,924,827	11,333,393	2,538,949	11,877,347
90	Per cent of increase	32.3	112.1	3.9	102.9	—0.9	72.2	22.9	71.6	4.9	272.4
	Kansas										
91	1909	29,004,067	214,859,597	15,038,669	169,109,449	8,109,061	80,750,803	933,369	9,720,106	5,973,785	74,052,291
92	1899	25,040,550	113,522,693	13,326,940	83,622,109	8,208,018	58,079,738	900,353	4,915,896	3,803,818	19,132,455
93	Per cent of increase	19.4	89.3	17.3	102.2	—1.9	39.0	3.7	97.7	57.0	287.0
	SOUTH ATLANTIC.										
	Delaware										
94	1909	713,538	9,121,809	309,288	4,692,329	188,755	2,903,442	4,226	51,022	111,215	1,697,539
95	1899	754,010	6,275,360	318,772	3,032,513	192,025	1,725,452	5,247	43,337	118,740	1,247,055
96	Per cent of increase	—5.4	45.4	—3.0	54.7	—1.7	68.3	—19.5	17.7	—6.3	36.1
	Maryland										
97	1909	3,354,767	43,920,149	1,320,201	21,908,730	647,012	11,015,298	49,210	584,305	589,893	9,876,480
98	1899	3,516,352	30,216,969	1,368,265	14,505,992	658,010	7,462,594	44,625	340,475	634,446	6,484,088
99	Per cent of increase	—4.6	45.4	—2.9	51.0	—1.7	47.6	10.3	71.6	—7.0	52.3
	District of Columbia										
100	1909	5,133	546,479	452	9,035	426	9,035	13	165	.....	.....
101	1899	5,934	669,209	543	7,039	402	6,322	42	206	17	349
102	Per cent of increase	—13.5	—18.3	—16.8	41.1	—7.8	52.4	(1)	—19.9	.....	.....
	Virginia										
103	1909	9,870,058	100,531,157	2,841,114	39,993,929	1,860,359	28,885,944	204,455	1,609,973	692,907	8,776,061
104	1899	10,094,805	58,701,742	3,160,332	23,759,479	1,910,085	16,233,756	275,394	1,103,616	927,266	6,161,000
105	Per cent of increase	—2.2	71.3	—10.3	68.3	—2.6	77.9	—25.8	45.9	—25.3	42.4
	West Virginia										
106	1909	5,521,757	40,374,776	1,038,031	15,907,700	676,311	11,907,201	103,758	912,388	209,315	2,697,141
107	1899	5,498,981	25,696,189	1,307,428	11,571,334	724,046	7,698,335	99,433	637,176	447,928	3,040,314
108	Per cent of increase	0.4	57.1	—20.5	38.3	—6.7	54.7	4.3	43.2	—53.3	—11.3
	North Carolina										
109	1909	8,813,056	142,890,192	3,250,870	37,848,797	2,459,457	31,280,102	228,120	1,741,561	501,912	4,420,322
110	1899	8,327,106	68,624,912	3,794,064	22,082,175	2,720,206	17,304,407	270,876	991,516	746,984	3,463,726
111	Per cent of increase	5.8	108.2	—14.3	71.4	—9.6	80.8	—15.8	75.6	—32.8	27.6
	South Carolina										
112	1909	6,097,999	141,983,354	1,955,095	25,434,539	1,565,832	20,682,632	324,180	3,809,345	43,028	385,835
113	1899	5,775,741	58,890,413	2,251,050	12,722,415	1,772,057	9,140,808	222,544	1,226,575	174,245	958,158
114	Per cent of increase	5.6	141.1	—13.1	99.9	—11.6	126.0	45.7	210.6	—75.3	—59.7
	Georgia										
115	1909	12,298,017	226,595,436	3,906,703	42,405,019	3,383,061	37,079,981	411,664	4,236,625	93,065	871,494
116	1899	10,615,644	86,345,343	4,150,886	20,481,157	3,477,084	17,155,868	318,433	1,383,758	319,161	1,547,773
117	Per cent of increase	15.8	162.4	—5.9	107.0	—2.7	116.1	29.3	206.2	—70.8	—43.7
	Florida										
118	1909	1,805,408	36,141,894	650,486	6,175,973	605,771	5,709,009	43,206	443,104	10	132
119	1899	1,511,653	13,498,580	607,322	2,906,332	569,567	2,669,509	31,467	143,028	85	601
120	Per cent of increase	19.4	167.8	7.1	112.5	6.4	113.9	37.3	209.8	(1)	—78.0

[1] Per cent not shown where base is less than 100.

PERCENTAGE OF INCREASE, BY DIVISIONS AND STATES: 1909 AND 1899—Continued.

[A minus sign (−) denotes decrease.]

	CEREALS—continued. Other cereals.		HAY AND FORAGE		COTTON.		POTATOES AND SWEET POTATOES AND YAMS.		FLAXSEED.		TOBACCO.		ALL OTHER CROPS.
	Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.	Value.
58	118,395	$1,255,338	3,306,461	$42,357,364			213,951	$9,482,136	552	$6,307	106,477	$8,998,887	$31,585,353
59	64,724	618,340	3,015,261	29,047,532			171,386	5,908,171	3,092	28,935	71,422	4,864,191	25,255,209
60	82.9	103.0	9.7	45.8			24.8	60.5	−82.1	−78.2	49.1	85.0	25.1
61	101,025	938,311	2,300,579	24,883,461			101,065	3,956,012	39	245	23,694	2,145,193	21,326,755
62	61,782	418,281	2,442,414	20,227,197			88,234	2,618,659	171	1,412	8,219	445,658	17,350,523
63	63.5	124.3	−5.8	23.0			14.5	51.1	−77.2	−82.6	188.3	381.4	22.9
64	129,042	1,478,071	3,349,435	40,560,220			148,620	6,908,358	115	1,548	1,313	80,389	27,196,857
65	106,498	789,059	3,343,910	25,568,619			143,998	5,005,671	394	4,705	2,242	85,411	19,383,863
66	21.2	87.3	0.2	58.6			3.2	38.0	−70.8	−67.1	−41.4	−5.9	40.3
67	594,820	5,870,258	2,715,301	36,040,087			365,507	9,914,683	261	4,951	31	3,390	45,497,320
68	274,730	1,834,721	2,328,498	21,792,987			312,034	6,761,750	883	10,108	97	5,345	22,236,493
69	116.5	220.0	16.6	65.4			17.1	46.6	−70.4	−51.0	(1)	−36.6	104.6
70	1,188,475	16,159,054	3,079,102	40,866,396			290,189	7,917,951	9,423	167,848	40,458	3,855,033	22,410,069
71	957,741	9,642,875	2,397,982	19,267,709			256,935	5,826,651	11,263	143,239	33,830	2,898,091	11,410,931
72	24.1	67.6	28.4	112.1			12.9	35.9	−16.3	17.2	19.6	33.0	96.4
73	1,881,613	20,323,179	3,946,072	26,724,801			223,692	7,685,339	358,426	4,863,328	150	20,554	13,293,304
74	1,003,457	8,048,698	3,157,690	14,585,281			146,663	3,409,146	566,801	5,898,556	117	12,869	5,971,530
75	87.5	152.5	25.0	83.2			52.5	125.4	−36.8	−17.6	28.2	59.7	122.6
76	629,730	5,832,388	5,046,185	59,360,225			171,841	6,754,997	15,549	182,569	81	8,751	18,154,441
77	730,923	5,908,574	4,649,378	30,042,246			178,576	3,999,727	126,453	1,380,102	131	8,345	12,203,051
78	−13.8	−1.3	8.5	97.6			−3.8	68.9	−87.7	−86.8	−38.2	4.9	48.8
79	51,070	453,182	3,628,348	33,845,094	96,527	$3,392,440	104,197	5,037,548	20,630	168,771	5,433	676,479	29,562,978
80	27,665	139,339	3,481,506	20,467,501	45,596	849,199	103,759	3,181,165	100,952	519,929	4,361	218,991	16,643,400
81	84.6	225.2	4.2	65.4	111.7	299.5	0.4	58.4	−79.6	−67.5	24.6	208.9	77.6
82	1,366,205	13,485,934	2,864,218	12,368,014			54,067	2,079,179	1,068,049	15,488,016	6	530	1,566,330
83	316,233	2,142,395	1,410,534	5,182,917			21,936	587,500	773,999	7,735,640	1	22	408,687
84	332.0	529.5	103.1	138.6			146.5	253.9	38.0	100.2	(1)	(1)	283.3
85	1,389,963	13,634,057	3,435,656	15,243,664			50,059	1,968,411	518,566	7,001,717		120	2,340,287
86	339,016	2,170,561	2,287,875	5,954,229			33,570	680,615	302,010	2,422,269	2	85	612,356
87	310.0	528.1	50.2	156.0			49.1	189.2	71.7	189.1		(1)	282.2
88	245,300	1,762,306	4,520,034	31,729,691			111,430	3,813,345	2,934	30,135		356	6,885,453
89	272,740	1,268,489	2,823,652	11,230,901			80,452	1,762,599	7,652	53,793	14	610	3,690,981
90	−10.1	38.9	60.1	182.5			38.5	116.4	−61.7	−44.0		−41.6	86.5
91	622,514	4,586,249	3,957,745	32,033,954	36	600	83,908	3,844,920	45,014	327,402	39	6,531	9,536,741
92	356,751	1,494,020	4,337,342	18,499,287	153	2,279	89,888	2,709,849	192,167	1,262,487	80	4,804	7,421,878
93	74.5	207.0	−8.8	73.2	−76.5	−73.7	−6.7	41.9	−76.6	−74.1	(1)	35.9	28.5
94	5,092	40,326	80,669	1,174,473			14,932	730,079					2,524,928
95	2,760	16,669	74,800	980,848			8,020	317,977			4	200	1,934,822
96	84.5	141.9	7.8	18.7			86.2	129.6					30.5
97	43,086	432,557	398,842	6,011,749		23	47,255	2,266,705	1	5	26,072	1,457,112	12,275,825
98	31,184	218,835	374,848	4,709,072			32,941	1,337,465	3	41	42,911	1,438,169	8,226,230
99	38.2	97.7	6.4	27.7			43.5	69.5	(1)	(1)	−39.2	1.3	49.2
100	13	135	962	25,633			352	33,518					477,393
101	22	162	1,228	22,772			339	22,624					616,774
102	(1)	−16.7	−21.7	12.6			3.8	48.2					−22.6
103	83,393	721,951	773,577	10,256,998	25,147	695,721	127,765	8,349,029	13	162	185,427	12,169,086	29,066,232
104	53,587	261,107	612,962	7,670,082	25,724	346,600	91,702	4,214,815	10	52	184,334	7,210,195	15,500,519
105	55.6	176.5	26.2	33.7	−2.2	100.7	39.3	98.1	(1)	(1)	0.6	68.8	87.5
106	49,547	480,910	708,900	7,492,747		14	44,700	2,448,724		55	17,928	1,923,180	12,512,356
107	35,421	195,509	601,935	5,517,073			33,516	1,258,904	2	7	5,129	228,620	7,120,251
108	39.9	146.0	17.8	35.8			33.4	94.5		(1)	249.5	741.2	75.7
109	61,381	400,812	375,795	4,781,562	1,274,404	42,066,099	116,730	6,088,710	4	40	221,890	13,847,559	38,257,425
110	55,998	322,526	229,998	4,242,561	1,007,020	15,696,952	92,349	2,982,465	2	9	203,023	8,038,691	15,582,059
111	9.6	24.3	63.4	12.7	26.6	168.0	26.4	104.2	(1)	(1)	9.3	72.3	145.5
112	22,655	556,727	209,767	3,189,122	2,556,467	80,337,945	57,488	3,216,030	1	19	30,082	2,123,576	27,682,123
113	82,204	1,387,874	106,124	2,303,734	2,074,081	29,590,152	56,899	1,973,673			25,993	1,297,293	11,002,146
114	−72.4	−59.9	97.7	38.4	23.3	171.5	1.0	62.9			15.7	63.7	151.6
115	18,913	216,919	253,157	4,056,907	4,883,304	126,695,612	95,915	5,034,233		10	2,025	297,167	48,106,488
116	35,608	393,758	137,312	3,034,992	3,513,839	42,534,235	79,097	2,681,243			2,304	159,659	17,454,057
117	−46.9	−44.9	84.4	33.7	39.0	197.9	21.3	87.8			−12.1	86.1	175.6
118	1,499	23,728	54,729	847,485	263,454	4,841,581	30,504	2,070,929			3,987	1,025,476	21,180,450
119	6,203	93,194	21,994	435,297	221,825	2,591,796	26,543	1,085,556			2,056	254,211	6,225,388
120	−75.8	−74.5	148.8	94.7	18.8	86.8	14.9	90.8			93.9	303.4	240.2

PRINCIPAL CROPS WITH ACREAGE REPORTS—ACRES AND VALUE, WITH

[A minus sign (−) denotes decrease.]

Table 18—Continued.

	DIVISION OR STATE.	Improved land in farms (acres).	Value of all farm crops.	CEREALS.							
				Total.		Corn.		Oats.		Wheat.	
				Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.
	EAST SOUTH CENTRAL.										
	Kentucky										
121	1909	14,354,471	$138,973,107	4,323,702	$60,738,651	3,436,340	$50,449,112	174,315	$1,216,187	681,323	$8,812,469
122	1899	13,741,908	78,962,845	5,085,529	39,692,771	3,319,257	29,423,996	316,590	1,247,028	1,431,027	8,923,760
123	Per cent of increase	4.5	76.0	−15.0	53.0	3.5	71.5	−44.9	−2.5	−52.4	−1.2
	Tennessee										
124	1909	10,890,484	120,706,211	4,136,647	55,302,278	3,146,348	45,819,093	342,086	2,378,464	619,861	6,913,335
125	1899	10,245,950	70,745,242	5,055,328	36,914,592	3,374,574	28,059,508	235,313	887,940	1,426,112	7,882,697
126	Per cent of increase	6.3	70.6	−18.2	49.8	−6.8	63.3	45.4	167.9	−56.5	−12.3
	Alabama										
127	1909	9,603,581	144,287,347	2,844,824	30,927,210	2,572,968	28,077,032	257,276	2,117,703	13,665	120,873
128	1899	8,654,991	73,190,720	3,088,454	18,424,318	2,743,360	17,082,751	216,873	797,684	123,897	502,240
129	Per cent of increase	12.0	97.1	−7.9	67.9	−6.2	67.9	18.6	165.5	−89.0	−75.9
	Mississippi										
130	1909	9,008,310	147,315,621	2,270,503	26,804,772	2,172,612	26,030,376	97,085	822,932	394	4,348
131	1899	7,594,428	84,883,776	2,372,065	19,317,968	2,276,313	18,873,934	87,066	383,633	6,447	30,743
132	Per cent of increase	18.6	73.5	−4.3	39.1	−4.6	37.9	11.5	114.5	−93.9	−85.9
	WEST SOUTH CENTRAL.										
	Arkansas										
133	1909	8,076,254	119,419,025	2,504,808	31,262,922	2,277,116	27,910,044	197,449	1,641,752	60,426	532,712
134	1899	6,953,735	59,272,212	2,980,684	20,233,270	2,317,742	17,572,170	280,115	1,263,101	379,453	1,383,616
135	Per cent of increase	16.1	101.5	−13.9	54.5	−1.8	58.8	−29.5	30.0	−84.1	−61.5
	Louisiana										
136	1909	5,276,016	77,336,143	1,938,357	24,786,984	1,590,830	16,480,322	29,711	250,588	65	508
137	1899	4,666,532	62,654,543	1,573,759	14,491,796	1,343,756	10,327,723	28,033	117,312	214	1,588
138	Per cent of increase	13.1	23.4	23.2	71.0	18.4	59.6	6.0	113.6	−69.6	−73.1
	Oklahoma										
139	1909	17,551,337	133,454,405	8,248,653	71,798,602	5,914,069	48,080,554	609,373	7,172,267	1,169,420	13,854,222
140	1899 [1]	8,574,187	43,759,824	4,431,819	28,111,200	2,501,945	15,608,289	317,076	1,968,915	1,527,073	10,110,675
141	Per cent of increase	104.7	205.0	80.1	155.4	136.4	208.3	92.2	264.3	−23.4	37.0
	Texas										
142	1909	27,360,666	298,133,466	6,716,304	67,109,923	5,130,052	50,564,618	440,001	3,699,634	326,176	2,891,061
143	1899	19,576,076	166,964,711	6,932,701	47,132,566	5,017,690	34,424,871	847,225	5,240,791	1,027,947	7,051,477
144	Per cent of increase	39.8	78.6	−3.1	42.4	2.2	46.9	−48.1	−29.4	−68.3	−59.0
	MOUNTAIN.										
	Montana										
145	1909	3,640,309	20,714,563	635,807	12,251,345	9,514	185,367	333,195	6,148,021	258,377	5,329,389
146	1899	1,736,701	10,692,515	254,231	3,267,726	3,301	41,626	133,938	1,790,938	92,132	1,077,210
147	Per cent of increase	109.6	177.9	150.1	274.9	188.2	345.3	148.8	243.3	180.4	394.7
	Idaho										
148	1909	2,778,740	34,357,851	847,138	16,026,676	9,194	191,395	302,783	5,067,051	399,234	8,412,587
149	1899	1,413,118	9,267,261	369,788	3,212,387	4,582	55,880	64,739	702,955	266,305	2,131,983
150	Per cent of increase	96.6	270.7	129.1	398.9	100.7	242.5	367.7	620.8	49.9	294.6
	Wyoming										
151	1909	1,256,160	10,022,961	186,947	2,744,502	9,208	101,465	124,035	1,828,711	41,968	644,251
152	1899	792,332	3,133,723	50,528	528,481	1,976	19,569	26,892	292,630	19,416	191,196
153	Per cent of increase	58.5	219.8	270.0	419.3	366.0	418.5	361.2	524.9	116.2	235.4
	Colorado										
154	1909	4,302,101	50,974,958	1,057,905	14,787,519	326,559	2,673,584	275,948	4,177,267	340,729	6,463,926
155	1899	2,273,968	16,970,588	525,299	4,700,271	85,256	508,488	120,952	1,121,745	294,949	2,809,370
156	Per cent of increase	89.2	200.4	101.4	214.6	283.0	425.8	128.1	272.4	15.5	130.1
	New Mexico										
157	1909	1,467,191	8,922,397	218,037	2,382,996	85,999	984,052	33,707	459,306	32,341	508,726
158	1899	326,873	3,064,567	96,402	979,903	41,345	419,936	15,848	154,347	37,907	390,616
159	Per cent of increase	348.9	191.2	126.2	143.2	108.0	134.3	112.7	197.6	−14.7	30.2
	Arizona										
160	1909	360,173	5,496,872	75,269	1,570,853	15,605	293,847	5,867	130,384	20,028	410,214
161	1899	264,521	2,472,348	53,058	673,639	11,654	151,564	1,641	21,144	24,377	276,639
162	Per cent of increase	37.6	122.3	39.5	133.2	33.9	93.9	257.5	516.6	−17.8	48.3
	Utah										
163	1909	1,368,211	18,484,615	298,613	6,092,281	7,267	134,396	80,816	1,671,065	178,423	3,765,017
164	1899	1,032,117	8,242,985	255,699	2,386,789	11,517	121,872	43,394	553,847	189,235	1,575,064
165	Per cent of increase	32.6	124.2	16.8	155.3	−36.9	10.3	86.2	201.7	−5.7	139.0
	Nevada										
166	1909	752,117	5,923,536	34,958	923,763	585	23,600	7,853	191,968	14,260	396,285
167	1899	572,946	2,887,569	31,075	471,090	580	11,845	4,786	67,160	18,537	263,471
168	Per cent of increase	31.3	105.1	12.5	96.1	0.9	99.2	64.1	185.8	−23.1	50.4
	PACIFIC.										
	Washington										
169	1909	6,373,311	78,927,053	2,591,582	44,762,138	26,033	404,367	269,742	5,870,857	2,118,015	35,102,370
170	1899	3,465,960	23,532,150	1,350,897	12,191,397	10,483	104,263	120,841	1,765,547	1,088,102	9,028,209
171	Per cent of increase	83.9	235.4	91.8	267.2	148.3	287.8	112.7	232.5	94.7	288.8
	Oregon										
172	1909	4,274,803	49,040,725	1,242,300	17,860,136	17,280	310,430	339,162	5,037,164	763,187	10,849,036
173	1899	3,328,308	21,806,087	1,222,648	9,271,500	16,992	155,693	261,406	2,078,950	873,379	6,358,395
174	Per cent of increase	28.4	124.9	1.6	92.6	1.7	99.4	29.7	142.3	−12.6	70.6
	California										
175	1909	11,389,894	153,111,013	1,970,492	28,039,826	51,935	1,077,411	192,158	2,637,047	478,217	6,323,953
176	1899	11,958,837	95,365,712	4,004,254	33,674,733	53,930	700,894	153,734	1,700,397	2,683,405	20,179,044
177	Per cent of increase	−4.8	60.6	−50.8	−16.7	−3.7	53.7	25.0	55.1	−82.2	−68.7

[1] Per cent not shown where base is less than 100.

PERCENTAGE OF INCREASE, BY DIVISION AND STATES: 1909 AND 1899—Continued.

[A minus sign (−) denotes decrease.]

	CEREALS—continued. Other cereals.		HAY AND FORAGE.		COTTON.		POTATOES AND SWEET POTATOES AND YAMS.		FLAXSEED.		TOBACCO.		ALL OTHER CROPS.
	Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.	Acres.	Value.	Value.
121	31,724	$260,883	966,377	$10,306,344	7,811	$223,024	67,632	$3,563,497	4	$57	469,795	$39,868,753	$24,272,781
122	18,655	97,087	683,139	6,100,647	2,396	52,812	51,338	1,767,138	3	10	384,805	18,541,982	12,807,485
123	70.1	168.7	41.5	68.9	226.0	322.3	31.7	101.7	(1)	(1)	22.1	115.0	89.5
124	28,352	191,386	1,052,816	12,617,538	787,516	17,966,517	67,179	3,415,289	.....	.....	90,468	5,661,681	25,742,908
125	19,329	84,447	645,617	6,811,577	623,137	8,192,642	50,477	1,701,039	1	7	71,849	2,748,495	14,376,890
126	46.7	126.6	63.1	85.2	26.4	119.3	33.1	100.8	.....	.....	25.9	106.0	79.1
127	915	11,602	238,656	3,357,132	3,730,482	74,205,236	81,099	4,463,207	.....	.....	211	14,892	31,319,670
128	4,324	41,643	85,353	1,707,638	3,202,135	37,004,598	60,370	2,011,667	1	4	1,141	55,581	13,966,914
129	−78.8	−72.1	179.6	96.6	16.5	100.5	34.3	121.9	.....	.....	−81.5	−73.2	123.9
130	412	7,116	229,705	3,363,647	3,400,210	83,148,805	64,387	3,615,301	.....	.....	49	3,390	30,319,706
131	2,239	29,658	99,261	1,459,879	2,897,920	47,340,314	44,539	1,704,267	.....	.....	203	9,225	15,052,123
132	−81.6	−76.0	131.4	130.4	17.3	75.6	44.6	112.1	.....	.....	−75.9	−63.3	101.4
133	29,907	1,178,414	435,915	4,887,139	2,153,222	54,559,503	52,107	2,799,660	.....	4	758	40,489	25,869,308
134	3,374	14,083	239,426	1,913,163	1,641,855	24,671,445	39,757	1,389,756	40	414	1,887	85,395	10,978,769
135	786.4	8,267.6	82.1	155.4	31.1	121.1	31.1	101.5	.....	−99.0	−59.8	−52.6	135.6
136	317,751	8,055,566	180,811	2,433,101	957,011	17,324,804	76,608	3,282,040	312	4,920	519	42,617	29,461,677
137	201,756	4,044,873	97,136	1,353,118	1,376,254	23,523,143	36,592	1,168,815	.....	.....	275	20,488	22,097,183
138	57.5	99.2	86.1	79.8	−30.5	−26.3	109.4	180.8	.....	.....	88.7	108.0	33.3
139	555,791	2,691,519	1,347,598	9,638,648	1,976,935	35,399,356	37,351	1,600,605	1,036	11,345	82	5,312	15,000,477
140	85,725	333,411	1,095,706	4,022,761	682,743	7,027,048	18,936	676,585	3,544	16,622	252	11,815	3,893,703
141	548.3	707.3	23.0	139.6	189.5	403.8	97.2	136.6	−70.8	−31.7	−67.5	−55.0	285.2
142	820,075	9,954,610	1,311,967	12,824,433	9,930,179	162,735,041	78,102	4,022,949	66	1,580	324	26,034	51,413,506
143	39,929	415,427	938,024	7,294,450	6,960,367	84,332,713	65,371	2,414,160	75	561	1,443	104,694	25,685,567
144	1,953.8	2,296.2	39.9	75.8	42.7	93.0	19.5	66.6	(1)	181.6	−77.5	−75.1	100.2
145	34,721	588,568	1,135,376	12,344,606	.....	.....	20,710	1,298,830	37,647	676,945	3	55	3,142,782
146	24,860	357,952	875,712	5,974,850	.....	.....	9,613	661,163	16	268	1	60	788,448
147	39.7	64.4	29.7	106.6	.....	.....	115.4	96.4	235,193.8	252,488.8	(1)	(1)	298.6
148	135,927	2,355,643	732,886	12,099,963	.....	.....	28,342	1,583,532	81	916	.....	61	4,646,703
149	34,162	321,599	513,656	4,238,993	.....	.....	9,319	442,716	17,239	121,682	1	150	1,251,333
150	297.9	632.5	42.7	185.4	.....	.....	204.1	257.7	−99.5	−99.2	.....	−59.3	271.3
151	11,676	170,075	585,386	6,077,354	.....	.....	8,333	524,519	1,110	7,858	.....	.....	668,728
152	2,244	25,087	380,769	2,332,028	.....	.....	2,809	138,368	.....	.....	.....	.....	134,846
153	420.3	577.9	53.7	160.6	.....	.....	196.7	279.1	.....	.....	.....	.....	395.9
154	114,669	1,472,742	1,285,064	17,282,276	.....	.....	85,860	3,709,305	2,887	17,485	.....	10	15,178,363
155	24,142	260,668	952,214	8,159,279	.....	.....	44,095	1,719,175	434	1,851	.....	.....	2,390,012
156	375.0	465.0	35.0	111.8	.....	.....	94.7	115.8	565.2	844.6	.....	.....	535.1
157	65,990	430,912	368,409	4,469,709	790	14,508	6,441	253,343	6	37	7	489	1,501,315
158	1,302	15,004	87,358	1,427,317	.....	.....	1,169	54,140	1	3	6	173	903,531
159	4,968.4	2,771.9	321.7	213.2	.....	.....	451.0	367.9	(1)	(1)	(1)	182.7	198.7
160	33,769	736,408	102,490	2,553,228	19	730	1,351	126,695	.....	.....	1	97	1,245,271
161	16,286	224,292	92,674	1,362,112	20	814	677	38,564	.....	.....	.....	25	397,194
162	107.3	228.3	10.6	87.4	(1)	−10.3	99.6	228.5	.....	.....	.....	(1)	213.5
163	32,107	521,803	405,394	7,429,901	.....	.....	14,210	874,071	.....	.....	.....	68	4,088,294
164	11,553	136,006	388,043	3,862,820	10	250	10,473	489,451	1	40	.....	.....	1,503,635
165	177.9	283.7	4.5	92.3	.....	.....	35.7	78.6	.....	.....	.....	.....	171.9
166	12,260	311,910	350,538	4,185,071	.....	.....	4,870	397,681	.....	.....	.....	.....	417,021
167	7,172	128,614	292,134	2,067,296	26	1,179	2,240	195,676	.....	.....	.....	.....	152,328
168	70.9	142.5	20.0	102.4	.....	.....	117.4	103.2	.....	.....	.....	.....	173.8
169	177,792	3,384,544	742,137	17,147,648	.....	.....	57,902	2,994,155	1	20	.....	88	14,023,004
170	125,471	1,293,378	497,139	5,831,088	.....	.....	25,171	1,315,198	149	767	5	187	4,193,513
171	41.7	161.7	49.3	194.1	.....	.....	130.0	127.7	−99.3	−97.4	.....	−52.9	234.4
172	122,671	1,663,506	939,979	15,225,957	.....	.....	44,270	2,099,606	38	567	.....	118	13,854,341
173	70,871	678,462	731,823	6,147,018	.....	.....	30,062	1,211,937	2,016	8,564	14	769	5,166,899
174	73.1	145.2	28.4	147.7	.....	.....	47.3	73.2	−98.1	−93.4	.....	−84.7	168.1
175	1,248,182	18,001,385	2,533,347	42,187,215	324	11,744	72,799	5,235,073	240	3,224	4	479	77,633,452
176	1,113,185	11,094,398	2,239,601	19,436,398	.....	.....	43,705	2,773,140	904	10,559	27	4,352	39,466,530
177	12.1	62.3	13.1	117.1	.....	.....	66.6	88.8	−73.5	−69.5	(1)	−89.0	96.7

[2] Includes Indian Territory.

PRINCIPAL CROPS—PERCENTAGE OF IMPROVED LAND OCCUPIED

Table 19

	DIVISION OR STATE.	ALL CEREALS.				CORN.				OATS.				WHEAT.				OTHER CEREALS.			
		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879
1	**United States**	40.0	44.6	39.3	41.7	20.6	22.9	20.2	21.9	7.3	7.1	7.9	5.7	9.3	12.7	9.4	12.4	2.8	1.9	1.8	1.7
	GEOGRAPHIC DIVISIONS:																				
2	New England	6.5	6.2	5.4	5.7	2.5	2.4	1.5	1.8	3.1	2.6	2.7	2.1	0.1	0.1	0.1	0.6	0.8	1.0	1.1	1.2
3	Middle Atlantic	25.3	27.5	26.2	27.6	7.4	7.9	6.4	7.5	8.6	8.4	9.0	7.9	5.5	7.2	6.0	7.0	3.9	4.0	4.8	5.1
4	East North Central	47.6	50.3	46.4	47.6	24.6	24.9	21.3	23.7	12.6	11.6	11.3	6.6	7.9	12.0	11.8	16.1	2.4	1.7	2.0	1.2
5	West North Central	51.0	55.9	51.2	55.7	21.9	26.2	26.7	29.0	9.6	8.9	10.4	6.3	15.7	18.5	12.6	19.2	3.8	2.2	1.6	1.2
6	South Atlantic	31.5	36.8	35.5	43.1	23.5	26.1	23.1	26.8	2.8	2.8	5.3	6.2	4.6	7.3	6.4	9.0	0.6	0.7	0.7	1.1
7	East South Central	30.9	38.8	37.0	44.7	25.8	29.1	26.8	31.0	2.0	2.1	4.8	4.5	3.0	7.4	5.1	8.6	0.1	0.1	0.2	0.5
8	West South Central	33.4	40.0	23.0	29.4	25.6	28.1	18.3	23.8	2.2	3.7	2.8	2.3	2.7	7.4	1.6	3.1	3.0	0.8	0.3	0.3
9	Mountain	21.1	19.5	14.1	21.7	2.9	1.9	3.0	3.6	7.3	4.9	3.9	4.4	8.1	11.2	6.0	10.9	2.8	1.4	1.2	2.8
10	Pacific	26.3	35.1	29.3	25.0	0.4	0.4	0.5	0.6	3.6	2.9	1.9	1.8	15.2	24.8	21.5	17.7	7.0	7.0	5.4	4.9
	NEW ENGLAND:																				
11	Maine	6.8	7.0	5.6	5.4	0.6	0.7	0.4	0.9	5.1	4.6	4.0	2.3	0.1	0.3	0.1	1.3	0.8	1.5	1.2	1.0
12	New Hampshire	3.5	3.9	3.6	3.8	2.1	2.4	1.4	1.6	1.2	1.2	1.5	1.3	(1)	(1)	0.1	0.5	0.2	0.4	0.5	0.5
13	Vermont	8.2	7.5	7.0	6.4	2.6	2.9	1.6	1.7	4.4	3.5	3.8	3.0	(1)	0.1	0.3	0.6	1.2	1.1	1.3	1.1
14	Massachusetts	4.7	4.1	3.8	4.0	3.6	3.0	2.1	2.5	0.7	0.5	0.9	1.0	(1)	(1)	(1)	(1)	0.5	0.6	0.9	1.4
15	Rhode Island	6.8	5.6	4.6	6.6	5.4	4.3	2.8	4.0	1.0	0.8	1.3	1.9	(1)	(1)	(1)	(1)	0.4	0.5	0.4	0.7
16	Connecticut	7.5	6.8	6.2	8.3	5.3	4.5	2.9	3.4	1.0	0.9	1.8	2.2	0.1	(1)	(1)	0.1	1.1	1.3	1.5	2.5
	MIDDLE ATLANTIC:																				
17	New York	17.5	20.0	19.8	20.7	3.5	4.2	3.0	4.4	8.8	8.5	8.6	7.1	1.9	3.6	2.8	4.2	3.4	3.7	5.3	5.0
18	New Jersey	27.9	29.8	30.1	36.9	14.7	14.9	13.4	16.4	4.0	3.8	6.1	6.6	4.6	6.7	6.1	7.1	4.6	4.3	4.5	6.8
19	Pennsylvania	34.1	35.9	33.7	35.2	10.9	11.2	9.5	10.2	9.0	8.9	9.9	9.2	9.7	11.5	10.0	10.8	4.5	4.3	4.3	5.0
	EAST NORTH CENTRAL:																				
20	Ohio	39.8	42.7	37.0	37.9	20.4	19.9	17.4	18.2	9.3	5.8	6.6	5.0	9.5	16.7	12.4	14.1	0.6	0.3	0.6	0.6
21	Indiana	51.7	50.8	48.6	50.0	28.9	27.0	23.7	26.4	9.9	6.1	7.3	4.5	12.3	17.3	17.0	18.8	0.6	0.4	0.5	0.4
22	Illinois	59.0	60.5	55.3	55.4	35.8	37.1	30.6	34.5	14.9	16.5	15.1	7.5	7.8	6.6	8.7	12.3	0.5	0.4	0.8	1.0
23	Michigan	34.4	40.0	39.4	40.9	12.4	12.7	10.1	11.1	11.1	8.6	11.0	6.5	6.3	16.3	15.2	22.0	4.6	2.3	3.1	1.3
24	Wisconsin	41.6	47.8	44.1	47.2	12.2	13.3	11.4	11.1	18.2	21.0	16.6	10.4	1.2	4.9	7.6	21.3	10.0	8.5	8.4	4.5
	WEST NORTH CENTRAL:																				
25	Minnesota	51.6	60.8	56.6	58.4	10.2	7.8	8.1	6.1	15.2	11.9	14.2	8.5	16.7	35.6	30.3	42.0	9.6	5.4	4.0	1.8
26	Iowa	51.0	56.6	49.4	57.8	31.3	32.8	29.8	33.3	15.8	15.7	14.8	7.6	1.8	5.7	2.3	15.3	2.1	2.4	2.5	1.6
27	Missouri	41.7	45.5	49.1	51.9	28.9	32.4	30.7	33.4	4.4	4.0	8.5	5.8	8.2	9.0	9.8	12.4	0.2	0.1	0.1	0.3
28	North Dakota	58.1	58.2	69.5	[2]39.4	0.9	0.6	0.3	[2]7.9	10.5	8.1	8.6	[2]6.8	40.0	46.2	58.2	[2]23.1	6.7	3.3	2.4	[2]1.6
29	South Dakota	51.8	55.0	53.2	(3)	12.9	10.6	10.8	(3)	9.8	6.1	8.3	(3)	20.3	35.3	32.5	(3)	8.8	3.0	1.6	(2)
30	Nebraska	51.4	65.5	52.2	63.6	29.8	39.8	35.9	29.6	9.7	10.4	9.9	4.6	10.9	13.8	5.2	26.7	1.0	1.5	1.2	2.7
31	Kansas	52.3	53.2	47.4	53.8	27.1	33.0	32.8	31.8	3.1	3.6	6.6	4.1	20.0	15.2	7.1	17.3	2.1	1.4	1.0	0.6
	SOUTH ATLANTIC:																				
32	Delaware	43.3	42.3	38.0	41.2	26.5	25.5	22.9	27.1	0.6	0.7	2.5	2.3	15.6	15.7	12.4	11.7	0.7	0.4	0.1	0.2
33	Maryland	39.6	38.9	36.3	41.2	19.3	18.7	17.2	19.9	1.5	1.3	2.9	3.0	17.6	18.0	15.0	17.0	1.3	0.9	1.3	1.3
34	District of Columbia	8.8	9.2	5.6	14.9	8.3	7.8	3.5	8.2	0.3	0.7	0.6	2.1	.....	0.3	0.3	2.2	0.3	0.4	1.1	2.4
35	Virginia	28.8	31.4	31.7	38.8	18.8	18.9	17.5	20.8	2.1	2.7	5.4	6.6	7.0	9.2	8.1	10.6	0.8	0.5	0.6	0.8
36	West Virginia	18.8	23.8	25.3	20.9	12.2	13.2	13.0	14.9	1.9	1.8	4.0	3.3	3.8	8.1	7.7	10.4	0.9	0.6	0.6	1.3
37	North Carolina	36.9	45.6	46.5	54.5	27.9	32.7	30.2	35.6	2.6	3.3	6.9	7.7	5.7	9.0	8.5	10.0	0.7	0.7	0.9	1.2
38	South Carolina	32.1	39.0	34.6	44.1	25.7	30.7	25.6	31.5	5.3	3.9	5.9	6.3	0.7	3.0	2.2	4.1	0.4	1.4	0.9	2.1
39	Georgia	31.8	39.1	34.8	45.0	27.5	32.8	26.9	30.9	3.3	3.0	5.4	7.5	0.8	3.0	2.1	5.8	0.2	0.3	0.4	0.8
40	Florida	36.0	40.2	37.0	43.4	33.6	37.7	33.1	38.0	2.4	2.1	3.7	5.1	(1)	(1)	(1)	(1)	0.1	0.4	0.2	0.3
	EAST SOUTH CENTRAL:																				
41	Kentucky	30.1	37.0	38.6	43.8	23.9	24.2	25.0	28.2	1.2	2.3	5.5	3.8	4.7	10.4	7.6	10.8	0.2	0.1	0.4	1.0
42	Tennessee	38.0	49.3	45.8	54.3	28.9	32.9	29.8	34.2	3.1	2.3	6.3	5.5	5.7	13.9	9.4	14.1	0.3	0.2	0.3	0.5
43	Alabama	29.3	35.7	32.7	41.6	26.5	31.7	27.6	32.2	2.7	2.5	4.5	5.1	0.1	1.4	0.5	4.2	(1)	(1)	(1)	0.1
44	Mississippi	25.2	31.2	26.9	34.8	24.1	30.0	24.9	30.1	1.1	1.1	1.9	3.8	(1)	0.1	(1)	0.8	(1)	(1)	(1)	0.1
	WEST SOUTH CENTRAL:																				
45	Arkansas	31.8	42.9	38.0	46.5	28.2	33.3	30.1	36.1	2.4	4.0	5.3	4.6	0.7	5.5	2.6	5.7	0.4	(1)	0.1	0.1
46	Louisiana	36.7	33.7	25.1	29.7	30.2	28.8	22.2	27.1	0.6	0.6	0.7	1.0	(1)	(1)	(1)	0.1	6.0	4.3	2.2	1.5
47	Oklahoma	47.0	51.7	[4]3.5	.....	33.7	29.2	[4]2.4	.....	3.5	3.7	[4]0.8	.....	0.7	17.8	[4]0.4	.....	3.2	1.0	(1)	(1) .....
48	Texas	24.5	35.4	19.1	24.4	18.8	25.6	14.8	19.5	1.6	4.3	2.5	1.9	1.2	5.3	1.7	3.0	3.0	0.2	(1)	0.1
	MOUNTAIN:																				
49	Montana	17.5	14.6	8.4	16.7	0.3	0.2	0.1	0.1	9.2	7.7	5.8	9.4	7.1	5.3	2.0	6.7	1.0	1.4	0.5	0.5
50	Idaho	30.5	26.2	16.2	22.5	0.3	0.3	0.2	0.3	10.9	4.6	3.6	6.7	14.4	18.8	10.5	11.2	4.9	2.4	1.8	4.4
51	Wyoming	14.9	0.4	4.6	1.3	0.7	0.2	0.4	.....	9.9	3.4	3.1	1.0	3.3	2.5	1.0	0.3	0.9	0.3	0.1	(1)
52	Colorado	24.6	23.1	19.3	18.8	7.6	3.7	6.5	3.7	6.4	5.3	4.8	3.7	7.9	13.0	7.0	10.5	2.7	1.1	0.9	0.9
53	New Mexico	14.9	29.5	23.3	44.0	5.9	12.6	10.8	17.5	2.3	4.8	3.5	3.9	2.2	11.6	8.3	21.6	4.5	0.4	0.6	1.1
54	Arizona	21.5	21.2	21.8	41.5	4.5	4.6	4.2	3.2	1.7	0.6	1.4	0.1	5.7	9.6	6.0	16.1	9.6	6.4	10.3	22.1
55	Utah	21.8	24.8	22.4	28.0	0.5	1.1	1.1	2.9	5.9	4.2	4.1	4.7	13.0	18.3	15.4	17.4	2.3	1.1	1.3	3.0
56	Nevada	4.6	5.4	2.1	8.6	0.1	0.1	(1)	0.1	1.0	0.8	0.5	1.7	1.9	3.2	0.5	1.1	1.6	1.3	1.1	5.6
	PACIFIC:																				
57	Washington	40.7	39.0	27.5	28.3	0.4	0.3	0.5	0.4	4.2	3.7	3.6	7.8	33.2	31.4	20.5	16.8	2.8	3.6	2.9	3.2
58	Oregon	29.1	36.7	23.6	28.8	0.4	0.5	0.3	0.3	7.9	7.9	6.2	6.9	17.9	26.2	15.7	20.2	2.9	2.1	1.3	1.4
59	California	17.3	33.5	31.2	24.0	0.5	0.5	0.6	0.7	1.7	1.3	0.5	0.5	4.2	22.4	23.2	17.2	11.0	9.3	6.9	5.7

[1] Less than one-tenth of 1 per cent.

[2] Includes South Dakota.

[3] See North Dakota.

BY PRINCIPAL CROPS, BY DIVISIONS AND STATES: 1879 TO 1909.

	DIVISION OR STATE.	HAY AND FORAGE.				COTTON.				POTATOES AND SWEET POTATOES AND YAMS.				FLAXSEED.				TOBACCO.			
		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879
1	**United States**	15.1	14.9	14.8	10.8	6.7	5.9	5.6	5.1	0.9	0.8	0.9	0.5	0.4	0.5	0.4	.....	0.3	0.3	0.2	0.2
	GEOGRAPHIC DIVISIONS:																				
2	New England	52.3	49.8	38.9	32.4	.....	.....	.....	.....	3.2	2.2	1.5	1.5	(1)	(1)	(1)	.....	0.3	0.2	0.1	0.1
3	Middle Atlantic	29.1	28.8	28.6	23.4	.....	.....	.....	.....	2.6	2.3	2.0	1.8	(1)	(1)	(1)	.....	0.2	0.1	0.1	0.1
4	East North Central	16.6	15.6	16.6	11.5	.....	.....	.....	.....	1.3	1.1	1.1	0.2	(1)	(1)	(1)	.....	0.2	0.1	0.1	0.1
5	West North Central	16.7	16.3	18.1	11.1	0.1	(1)	0.1	0.1	0.5	0.5	0.6	(1)	1.2	1.5	1.2	.....	(1)	(1)	(1)	(1)
6	South Atlantic	5.9	4.7	4.6	3.1	18.6	14.8	16.2	14.3	1.1	0.9	0.9	0.6	(1)	(1)	(1)	.....	1.0	1.0	0.6	0.7
7	East South Central	5.7	3.8	3.7	1.7	18.0	16.7	17.9	16.7	0.6	0.5	0.7	0.5	(1)	(1)	(1)	.....	1.3	1.1	0.9	0.9
8	West South Central	5.6	6.0	1.9	0.6	25.8	26.8	22.8	21.7	0.4	0.4	0.4	0.3	(1)	(1)	(1)	.....	(1)	(1)	(1)	(1)
9	Mountain	31.2	42.6	27.5	16.7	(1)	(1)	.....	.....	1.1	1.0	0.9	0.4	0.3	0.2	0.2	.....	(1)	(1)	(1)	(1)
10	Pacific	19.1	18.5	12.4	7.3	(1)	.....	.....	.....	0.8	0.5	0.4	0.1	(1)	(1)	(1)	.....	(1)	(1)	(1)	(1)
	NEW ENGLAND:																				
11	Maine	53.2	53.2	42.7	36.7	.....	.....	.....	.....	5.8	3.0	1.6	2.0	.....	(1)	(1)	.....	.....	.....	(1)	(1)
12	New Hampshire	57.0	57.1	37.8	29.2	.....	.....	.....	.....	1.9	1.8	1.3	1.2	(1)	.....	.....	.....	(1)	(1)	(1)	(1)
13	Vermont	63.1	47.3	37.4	30.9	.....	.....	.....	.....	1.6	1.3	1.2	1.2	(1)	.....	(1)	.....	(1)	(1)	(1)	(1)
14	Massachusetts	44.6	47.2	37.9	30.0	.....	.....	.....	.....	2.1	2.1	1.6	1.5	.....	.....	(1)	.....	0.5	0.3	0.1	0.2
15	Rhode Island	34.4	37.2	34.3	34.5	.....	.....	.....	.....	2.6	3.1	2.0	1.9	.....	.....	.....	.....	.....	.....	.....	(1)
16	Connecticut	40.6	45.0	37.1	33.0	.....	.....	.....	.....	2.4	2.6	1.7	1.7	(1)	(1)	.....	.....	1.6	1.0	0.5	0.5
	MIDDLE ATLANTIC:																				
17	New York	34.0	33.0	32.0	26.2	.....	.....	.....	.....	2.7	2.5	2.2	1.9	(1)	(1)	(1)	.....	(1)	0.1	0.1	(1)
18	New Jersey	22.3	22.5	22.9	19.7	.....	.....	.....	.....	5.3	3.7	3.3	3.0	.....	.....	(1)	.....	(1)	(1)	(1)	(1)
19	Pennsylvania	24.4	24.8	25.2	20.2	.....	.....	.....	.....	2.1	1.8	1.5	1.4	(1)	(1)	(1)	.....	0.3	0.2	0.2	0.2
	EAST NORTH CENTRAL:																				
20	Ohio	17.2	15.7	16.3	12.1	.....	.....	.....	.....	1.1	0.9	1.0	(1)	(1)	(1)	0.1	.....	0.6	0.4	0.2	0.2
21	Indiana	13.6	14.6	15.4	9.1	.....	.....	.....	.....	0.6	0.5	0.8	(1)	(1)	(1)	(1)	.....	0.1	(1)	0.1	0.1
22	Illinois	11.9	12.1	13.7	9.4	.....	.....	.....	.....	0.5	0.5	0.7	(1)	(1)	(1)	(1)	.....	(1)	(1)	(1)	(1)
23	Michigan	21.2	19.7	20.5	15.0	.....	.....	.....	.....	2.8	2.6	2.0	1.6	(1)	(1)	(1)	.....	(1)	(1)	(1)	(1)
24	Wisconsin	25.9	21.3	22.8	16.2	.....	.....	.....	.....	2.4	2.3	1.6	.....	0.1	0.1	0.1	.....	0.3	0.3	0.2	0.1
	WEST NORTH CENTRAL:																				
25	Minnesota	20.1	17.1	24.3	14.5	.....	.....	.....	.....	1.1	0.8	1.0	.....	1.8	3.1	2.7	.....	(1)	(1)	(1)	(1)
26	Iowa	17.1	15.6	20.6	12.5	.....	.....	.....	.....	0.6	0.6	0.7	(1)	0.1	0.4	0.9	.....	(1)	(1)	(1)	(1)
27	Missouri	14.8	15.2	14.5	7.8	0.4	0.2	0.3	0.2	0.4	0.5	0.5	(1)	0.1	0.4	0.3	.....	(1)	(1)	0.1	0.1
28	North Dakota	14.0	14.6	12.0	[2]16.4	.....	.....	.....	.....	0.3	0.2	0.4	.....	5.2	8.0	0.9	.....	(1)	(1)	(1)	(1)
29	South Dakota	21.7	20.3	22.3	(3)	.....	.....	.....	.....	0.3	0.3	0.5	(3)	3.3	2.7	5.1	.....	.....	(1)	(1)	(3)
30	Nebraska	18.5	15.3	16.1	9.4	.....	.....	.....	.....	0.5	0.4	0.7	.....	(1)	(1)	1.1	.....	.....	(1)	(1)	(1)
31	Kansas	13.2	17.3	16.7	11.9	(1)	(1)	(1)	.....	0.3	0.4	0.5	(1)	0.2	0.8	0.5	.....	(1)	(1)	(1)	(1)
	SOUTH ATLANTIC:																				
32	Delaware	11.3	9.9	10.0	5.7	.....	.....	.....	.....	2.1	1.1	9.2	0.3	.....	.....	.....	.....	.....	(1)	(1)	(1)
33	Maryland	11.9	10.7	10.9	7.8	(1)	.....	.....	.....	1.4	0.9	0.9	0.1	(1)	(1)	(1)	.....	0.8	1.2	0.6	1.1
34	Distr ct of Columbia	18.7	20.7	15.8	18.7	.....	.....	.....	.....	6.9	5.7	4.1	2.5	.....	.....	.....	.....	.....	.....	.....	(1)
35	Virginia	7.8	6.1	6.5	4.0	0.3	0.3	0.4	0.5	1.3	0.9	0.7	0.3	(1)	(1)	(1)	.....	1.9	1.8	1.2	1.7
36	West Virginia	12.8	10.9	12.7	9.7	(1)	.....	.....	.....	0.8	0.6	0.6	0.1	.....	(1)	(1)	.....	0.3	0.1	0.1	0.1
37	North Carolina	4.3	2.8	2.4	1.6	14.5	12.1	14.7	13.8	1.3	1.1	1.1	0.8	(1)	(1)	(1)	.....	2.5	2.4	1.2	0.9
38	South Carolina	3.4	1.8	0.6	0.1	41.9	35.9	37.8	33.0	0.9	1.0	0.9	0.9	(1)	.....	.....	.....	0.5	0.4	(1)	(1)
39	Georgia	2.1	1.3	0.7	0.2	39.7	33.1	34.9	31.9	0.8	0.7	0.8	0.7	.....	.....	.....	.....	(1)	(1)	(1)	(1)
40	Florida	3.0	1.5	0.7	(1)	14.6	14.7	19.8	25.9	1.7	1.8	1.7	2.0	.....	.....	.....	.....	0.2	0.1	0.1	(1)
	EAST SOUTH CENTRAL:																				
41	Kentucky	6.7	5.0	5.6	2.8	0.1	(1)	(1)	(1)	0.5	0.4	0.5	0.2	(1)	(1)	(1)	.....	3.3	2.8	2.3	2.1
42	Tennessee	9.7	6.3	6.1	2.3	7.2	6.1	8.0	8.5	0.6	0.5	0.6	0.4	.....	(1)	(1)	.....	0.8	0.7	0.5	0.5
43	Alabama	2.5	1.0	0.5	0.2	38.5	37.0	35.9	36.5	0.8	0.7	0.8	0.7	.....	(1)	.....	.....	(1)	(1)	(1)	(1)
44	Mississippi	2.5	1.3	1.0	0.2	37.7	38.2	42.1	40.4	0.7	0.6	0.7	0.8	.....	.....	.....	.....	(1)	(1)	(1)	(1)
	WEST SOUTH CENTRAL:																				
45	Arkansas	5.4	3.4	2.5	0.7	26.7	23.6	31.1	29.0	0.6	0.6	0.6	0.4	.....	(1)	(1)	.....	(1)	(1)	(1)	0.1
46	Louisiana	3.4	2.1	0.7	1.3	18.1	29.5	33.6	31.6	1.5	0.8	0.9	0.7	(1)	.....	.....	.....	(1)	(1)	(1)	(1)
47	Oklahoma	7.7	12.8	[4]5.5	.....	11.3	8.0	[4]12.6	(5)	0.2	0.2	(1)	(1)	.....	(1)	(1)	.....	(1)	(1)	.....	.....
48	Texas	4.8	4.8	1.8	0.5	36.3	35.6	19.0	17.2	0.3	0.3	0.3	0.2	(1)	(1)	(1)	.....	(1)	(1)	(1)	(1)
	MOUNTAIN:																				
49	Montana	31.2	50.4	32.8	21.6	.....	.....	.....	.....	0.6	0.6	0.5	.....	1.0	(1)	.....	.....	(1)	(1)	.....	.....
50	Idaho	26.4	36.3	31.4	17.4	.....	.....	.....	.....	1.0	0.7	0.6	.....	(1)	1.2	1.3	.....	.....	(1)	.....	(1)
51	Wyoming	46.6	48.1	36.3	29.3	.....	.....	.....	.....	0.7	0.4	0.4	.....	0.1	.....	.....	.....	.....	.....	.....	.....
52	Colorado	29.9	41.9	26.4	15.8	.....	.....	.....	.....	2.0	1.9	1.7	.....	0.1	(1)	(1)	.....	.....	.....	(1)	.....
53	New Mexico	25.1	26.7	10.0	5.2	0.1	.....	.....	.....	0.4	0.4	0.3	.....	(1)	(1)	.....	.....	(1)	(1)	(1)	(1)
54	Arizona	29.3	36.4	26.9	9.9	(1)	(1)	.....	.....	0.4	0.3	0.5	.....	.....	.....	.....	.....	(1)	.....	.....	(1)
55	Utah	29.6	37.6	29.1	15.7	.....	(1)	.....	.....	1.0	1.0	1.2	1.9	.....	(1)	.....	.....	.....	.....	.....	.....
56	Nevada	46.6	51.0	19.4	21.8	.....	(1)	.....	.....	0.6	0.4	0.2	.....	.....	.....	.....	.....	.....	.....	.....	(1)
	PACIFIC:																				
57	Washington	11.6	14.3	15.7	11.7	.....	.....	.....	.....	0.9	0.7	0.7	1.5	(1)	(1)	0.2	.....	.....	(1)	(1)	(1)
58	Oregon	22.0	22.0	13.3	7.6	.....	.....	.....	.....	1.0	0.9	0.5	.....	(1)	0.1	(1)	.....	.....	(1)	(1)	(1)
59	California	22.2	18.7	11.7	7.1	(1)	.....	.....	.....	0.6	0.4	0.3	.....	(1)	(1)	(1)	.....	(1)	(1)	(1)	(1)

[4] Includes Indian Territory.

[5] Owing to unsatisfactory reports, improved acreage not reported.

PRINCIPAL CROPS—PER CENT DISTRIBUTION OF TOTAL VALUE OF ALL CROPS AMONG PRINCIPAL CROPS, BY DIVISIONS AND STATES: 1909 AND 1899.

Table 20

DIVISION OR STATE.	ALL CEREALS.		CORN.		OATS.		WHEAT.		OTHER CEREALS.		HAY AND FORAGE.		COTTON.		POTATOES AND SWEET POTATOES AND YAMS.		FLAXSEED.		TOBACCO.		ALL OTHER CROPS.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States	48.6	49.4	26.2	27.6	7.6	7.2	12.0	12.3	2.8	2.2	15.0	16.1	12.8	10.8	3.7	3.9	0.5	0.7	1.9	1.9	17.5	17.1
GEOGRAPHIC DIVISIONS:																						
New England	7.6	8.1	3.9	4.2	2.9	2.8	0.1	0.2	0.7	0.9	41.9	45.9	.....	.....	12.4	10.6	(1)	(1)	4.0	4.3	34.2	31.1
Middle Atlantic	29.6	30.2	10.9	11.7	8.0	8.0	7.6	7.3	3.1	3.1	31.4	32.2	.....	.....	9.4	9.2	(1)	(1)	1.0	1.4	28.6	27.0
East North Central	65.4	63.5	38.9	36.8	13.3	12.1	10.9	12.6	2.3	2.0	16.5	17.2	.....	.....	3.4	3.9	(1)	(1)	1.4	1.2	13.2	14.2
West North Central	75.4	74.3	34.8	38.9	11.2	10.9	25.2	21.6	4.2	2.9	14.6	14.4	0.2	0.1	2.2	2.2	1.9	2.6	(1)	(1)	5.6	6.4
South Atlantic	26.2	31.8	20.1	22.8	1.8	1.7	3.9	6.6	0.4	0.8	5.1	8.3	34.3	26.0	4.1	4.5	(1)	(1)	4.4	5.3	25.9	24.6
East South Central	31.5	37.1	27.4	30.4	1.2	1.1	2.9	5.6	0.1	0.1	5.4	5.2	31.8	30.1	2.7	2.3	(1)	(1)	8.3	6.9	20.3	18.3
West South Central	31.0	33.1	22.8	23.5	2.0	2.6	2.7	5.6	3.5	1.4	4.7	4.4	43.0	42.0	1.9	1.7	(1)	(1)	(1)	0.1	19.4	18.8
Mountain	34.6	28.6	2.8	2.3	12.0	8.3	15.8	15.4	4.0	2.6	40.5	51.9	(1)	(1)	5.3	6.6	0.4	0.2	(1)	(1)	19.0	12.7
Pacific	32.3	39.2	0.6	0.7	4.8	3.9	18.6	25.3	8.2	9.3	26.5	22.3	(1)	.....	3.7	3.8	(1)	(1)	(1)	(1)	37.5	34.7
NEW ENGLAND:																						
Maine	7.9	9.7	1.1	1.5	5.8	6.3	0.2	0.5	0.7	1.5	38.4	48.5	.....	.....	26.0	16.9	(1)	(1)	(1)	(1)	27.7	24.9
New Hampshire	5.5	6.3	3.9	4.4	1.4	1.5	(1)	(1)	0.3	0.4	49.1	51.6	.....	.....	7.5	8.9	(1)	.....	0.1	0.2	37.7	32.9
Vermont	9.7	13.5	4.0	6.5	4.3	5.2	0.1	0.2	1.3	1.6	59.5	58.0	.....	.....	6.4	7.3	(1)	.....	0.1	0.2	24.4	20.9
Massachusetts	5.1	4.0	4.3	3.3	0.5	0.4	(1)	(1)	0.3	0.3	35.3	39.1	.....	.....	6.2	7.8	.....	.....	3.8	4.1	49.6	45.0
Rhode Island	9.6	6.2	8.5	5.4	0.7	0.5	(1)	(1)	0.3	0.3	33.3	35.6	.....	.....	10.4	14.5	.....	.....	(1)	.....	46.8	43.7
Connecticut	9.1	7.5	7.5	6.0	0.7	0.6	0.1	(1)	0.8	0.9	32.1	36.1	.....	.....	8.4	10.3	(1)	(1)	19.6	18.5	30.8	27.6
MIDDLE ATLANTIC:																						
New York	20.6	22.9	5.5	6.1	8.6	8.6	3.4	4.9	3.1	3.2	37.0	36.8	.....	.....	9.7	10.0	(1)	(1)	0.2	0.8	32.5	29.5
New Jersey	24.3	24.9	16.5	16.2	1.8	1.8	3.9	4.8	2.1	2.0	18.9	19.9	.....	.....	16.1	12.2	(1)	.....	(1)	(1)	40.7	43.1
Pennsylvania	42.2	40.0	10.4	17.2	8.6	8.7	13.7	10.8	3.4	3.2	27.4	29.5	.....	.....	7.2	7.5	(1)	(1)	2.4	2.3	20.8	20.6
EAST NORTH CENTRAL:																						
Ohio	59.9	58.5	35.7	30.6	10.1	6.5	13.5	20.9	0.5	0.4	18.4	18.5	.....	.....	4.1	3.8	(1)	(1)	3.9	3.1	13.7	16.1
Indiana	74.4	66.8	48.2	42.2	9.3	6.1	16.5	18.1	0.5	0.3	12.2	16.5	.....	.....	1.9	2.1	(1)	(1)	1.1	0.4	10.4	14.2
Illinois	70.9	70.7	53.3	53.6	16.0	17.2	10.2	5.6	0.4	0.4	10.9	11.9	.....	.....	1.9	2.3	(1)	(1)	(1)	(1)	7.3	9.0
Michigan	43.5	45.1	18.3	19.2	11.4	10.0	10.2	13.9	3.6	2.0	22.2	23.5	.....	.....	6.1	7.3	(1)	(1)	(1)	(1)	28.1	24.0
Wisconsin	49.3	55.1	17.3	18.0	19.3	20.3	1.7	5.8	10.9	10.9	27.5	21.9	.....	.....	5.3	6.6	0.1	0.2	2.6	3.3	15.1	12.9
WEST NORTH CENTRAL:																						
Minnesota	72.8	74.2	15.8	9.8	17.6	13.7	29.0	43.7	10.5	7.0	13.8	12.6	.....	.....	4.0	2.9	2.5	5.1	(1)	(1)	6.9	5.2
Iowa	73.2	75.6	53.3	49.8	15.6	17.0	2.4	5.9	1.9	3.0	18.9	15.4	.....	.....	2.1	2.0	0.1	0.7	(1)	(1)	5.8	6.2
Missouri	67.1	65.5	48.6	50.4	4.6	3.8	13.6	11.1	0.2	0.1	15.3	16.9	1.5	0.7	2.3	2.6	0.1	0.4	0.3	0.2	13.4	13.7
North Dakota	82.6	74.3	1.3	0.7	13.3	10.8	60.4	58.7	7.5	4.0	6.8	9.6	.....	.....	1.2	1.1	8.6	14.3	(1)	(1)	0.9	0.8
South Dakota	78.8	78.1	21.0	16.4	12.8	9.3	34.2	47.4	10.9	4.9	12.1	13.5	.....	.....	1.6	1.5	5.6	5.5	(1)	(1)	1.9	1.4
Nebraska	78.3	81.9	45.0	55.4	9.9	12.3	22.5	12.8	0.9	1.4	16.2	12.1	.....	.....	1.9	1.9	(1)	0.1	(1)	(1)	3.5	4.0
Kansas	78.7	73.7	37.6	51.2	4.5	4.3	34.5	16.9	2.1	1.3	14.9	16.3	(1)	(1)	1.8	2.4	0.2	1.1	(1)	(1)	4.4	6.5
SOUTH ATLANTIC:																						
Delaware	51.4	48.3	31.8	27.5	0.6	0.7	18.6	19.9	0.4	0.3	12.9	15.8	.....	.....	8.0	5.1	.....	.....	.....	(1)	27.7	30.8
Maryland	49.0	48.0	25.1	24.7	1.3	1.1	22.5	21.5	1.0	0.7	13.7	15.6	(1)	.....	5.2	4.4	(1)	(1)	3.3	4.8	27.9	27.2
District of Columbia	1.8	1.1	1.8	0.9	(1)	(1)	.....	0.1	(1)	(1)	4.7	3.4	.....	.....	6.1	3.4	.....	.....	.....	.....	87.4	92.2
Virginia	39.8	40.5	28.7	27.7	1.6	1.9	8.7	10.5	0.7	0.4	10.2	13.1	0.7	0.6	8.3	7.2	(1)	(1)	12.1	12.3	28.9	26.4
West Virginia	39.6	45.0	29.5	30.0	2.3	2.5	6.7	11.8	1.2	0.8	18.6	21.5	(1)	.....	6.1	4.9	(1)	(1)	4.8	0.9	31.0	27.7
North Carolina	26.5	32.2	21.9	25.2	1.2	1.4	3.1	5.0	0.3	0.5	3.3	6.2	29.4	22.9	4.3	4.3	(1)	(1)	9.7	11.7	26.8	22.7
South Carolina	17.9	21.6	14.6	15.5	2.7	2.1	0.3	1.6	0.4	2.4	2.2	3.9	56.6	50.2	2.3	3.4	(1)	.....	1.5	2.2	19.5	18.7
Georgia	18.7	23.7	16.4	19.9	1.9	1.6	0.4	1.8	0.1	0.5	1.8	3.5	55.9	49.3	2.2	3.1	(1)	.....	0.1	0.2	21.2	20.2
Florida	17.1	21.5	15.8	19.8	1.2	1.1	(1)	(1)	0.1	0.7	2.3	3.2	13.4	19.2	5.7	8.0	.....	.....	2.8	1.9	58.6	46.1
EAST SOUTH CENTRAL:																						
Kentucky	43.7	50.3	36.3	37.3	0.9	1.6	6.3	11.3	0.2	0.1	7.4	7.7	0.2	0.1	2.6	2.2	(1)	(1)	28.7	23.5	17.5	16.2
Tennessee	45.8	52.2	38.0	39.7	2.0	1.3	5.7	11.1	0.2	0.1	10.5	9.6	14.9	11.6	2.8	2.4	.....	(1)	4.7	3.9	21.3	20.3
Alabama	21.4	25.2	19.9	23.3	1.5	1.1	0.1	0.7	(1)	0.1	2.3	2.3	51.4	50.6	3.1	2.7	.....	(1)	(1)	0.1	21.7	19.1
Mississippi	18.2	22.8	17.7	22.2	0.6	0.5	(1)	(1)	(1)	(1)	2.3	1.7	56.4	55.8	2.5	2.0	.....	.....	(1)	(1)	20.6	17.7
WEST SOUTH CENTRAL:																						
Arkansas	20.2	34.1	23.4	29.6	1.4	2.1	0.4	2.3	1.0	(1)	4.1	3.2	45.7	41.6	2.3	2.3	(1)	(1)	(1)	0.1	21.7	18.5
Louisiana	32.0	23.1	21.3	16.5	0.3	0.2	(1)	(1)	10.4	6.5	3.1	2.2	22.4	37.5	4.2	1.9	(1)	.....	0.1	(1)	38.1	35.3
Oklahoma	53.8	[2]64.2	30.0	[2]35.9	5.4	[2]4.5	10.4	[2]23.1	2.0	[2]0.8	7.2	[2]9.2	26.5	[2]16.1	1.2	[2]1.5	(1)	(1)(2)	(1)	(1)(2)	11.2	[2]8.9
Texas	22.5	28.2	17.0	20.6	1.2	3.1	1.0	4.2	3.3	0.2	4.3	4.4	54.6	50.5	1.3	1.4	(1)	(1)	(1)	0.1	17.2	15.4
MOUNTAIN:																						
Montana	41.2	30.6	0.6	0.4	20.7	16.7	17.9	10.1	2.0	3.3	41.5	55.9	.....	.....	4.4	6.2	2.3	(1)	(1)	(1)	10.6	7.4
Idaho	46.6	34.7	0.6	0.6	14.7	7.6	24.5	23.0	6.9	3.5	35.2	45.7	.....	.....	4.6	4.8	(1)	1.3	(1)	(1)	13.5	13.5
Wyoming	27.4	16.9	1.0	0.6	18.2	9.3	0.4	6.1	1.7	0.8	60.6	74.4	.....	.....	5.2	4.4	0.1	.....	.....	.....	6.7	4.3
Colorado	29.0	27.7	5.2	3.0	8.2	6.6	12.7	16.6	2.9	1.5	33.9	48.1	.....	.....	7.3	10.1	(1)	(1)	(1)	.....	29.8	14.1
New Mexico	26.7	32.0	11.0	13.7	5.1	5.0	5.7	12.7	4.8	0.5	50.1	46.6	0.2	.....	2.8	1.8	(1)	(1)	(1)	(1)	20.2	19.7
Arizona	28.6	27.2	5.3	6.1	2.4	0.9	7.5	11.2	13.4	0.1	46.4	55.1	(1)	(1)	2.3	1.6	.....	.....	(1)	(1)	22.7	16.1
Utah	33.0	29.0	0.7	1.5	9.0	6.7	20.4	19.1	2.8	1.6	40.2	46.9	.....	(1)	4.7	5.9	.....	(1)	(1)	.....	22.1	18.2
Nevada	15.6	16.3	0.4	0.4	3.2	2.3	6.7	9.1	5.3	4.5	70.7	71.6	.....	(1)	6.7	6.8	.....	.....	.....	.....	7.0	5.3
PACIFIC:																						
Washington	56.7	51.8	0.5	0.4	7.4	7.5	44.5	38.4	4.3	5.5	21.7	24.8	.....	.....	3.8	5.6	(1)	(1)	(1)	(1)	17.8	17.8
Oregon	36.4	42.5	0.6	0.7	10.3	9.5	22.1	29.2	3.4	3.1	31.0	28.2	.....	.....	4.3	5.6	(1)	(1)	(1)	(1)	28.3	23.7
California	18.3	35.3	0.7	0.7	1.7	1.8	4.1	21.2	11.8	11.6	27.6	20.4	(1)	.....	3.4	2.9	(1)	(1)	(1)	(1)	50.7	41.4

(1) Less than one-tenth of 1 per cent.

(2) Includes Indian Territory.

PURCHASE AND SALE OF SPECIFIED CROPS.

Purchase and sale of crops suitable for feeding animals: 1909.—In the case of some minor crops the entire product, or the larger part of it, is usually retained upon the farm for family consumption; this is notably true of vegetables. Of certain other crops practically the entire quantity, except such as is required for seed, is sold. These crops, which are frequently referred to as "money crops," are mainly intended for human consumption, directly or indirectly. Cotton, tobacco, sugar cane, hemp, hops, and to a slightly less extent wheat, are examples. Besides crops of these two classes there are several crops, the most important being corn, oats, barley, and hay and forage, which are used chiefly as feed for animals. A majority of the farmers who raise these crops retain the entire product or a considerable proportion of it for their own animals; others sell their surplus mainly for consumption by animals in cities, towns, and villages, or by animals on farms where such crops are not raised or are raised only in small quantities.

At the census of 1910 the agricultural schedules contained inquiries designed to ascertain not only the quantity and value of the leading "feedable" crops produced, but also the quantity and value of such crops sold and the amounts expended by farmers for the purchase of feed for animals. Table 21 presents statistics of such sales and purchases, by geographic divisions and sections. Table 22 shows the same statistics, by divisions and states. It is probable that these statistics are somewhat less accurate than those of crop production, and that they represent on the whole an understatement both of sales and of purchases.

Table 21

DIVISION OR SECTION.	Amount expended for feed: 1909	Receipts from sale of feedable crops: 1909	EXCESS OF RECEIPTS FROM SALE OVER AMOUNT EXPENDED.[1]		RECEIPTS FROM SALE OF SPECIFIED FEEDABLE CROPS: 1909							
					Corn.		Oats.		Barley.		Hay and forage.	
			Amount.	Per $100 of expenditure for feed.	Quantity (bushels).	Amount received.	Quantity (bushels).	Amount received.	Quantity (bushels).	Amount received.	Quantity (tons).	Amount received.
United States	**$299,839,857**	**$509,253,522**	**$209,413,665**	**$170**	**480,572,574**	**$255,191,944**	**261,325,372**	**$107,242,769**	**75,297,901**	**$41,314,426**	**10,679,399**	**$105,504,379**
New England	34,613,964	4,346,647	*30,267,317	13	145,814	100,952	384,423	217,879	9,056	8,272	272,594	4,019,544
Middle Atlantic	54,696,044	21,584,058	*33,111,986	39	4,419,668	3,007,230	4,551,876	2,387,688	326,228	214,002	1,116,916	15,975,138
East North Central	40,611,121	195,663,014	155,051,893	482	197,015,428	107,806,684	128,053,438	51,279,242	10,858,789	6,457,495	2,981,159	30,119,593
West North Central	76,207,557	174,405,989	98,198,432	229	190,410,330	100,638,243	94,511,952	36,678,888	43,056,493	21,221,923	2,393,803	15,866,935
South Atlantic	19,255,280	14,677,355	*4,577,925	76	12,815,516	9,781,438	1,588,085	1,034,972	26,426	18,996	281,175	3,841,952
East South Central	15,607,673	15,684,379	76,706	100	17,406,876	11,989,973	1,503,258	786,448	22,085	14,771	238,791	2,893,187
West South Central	24,723,146	28,940,377	4,217,231	117	36,880,404	20,840,778	7,389,274	3,434,317	69,829	42,158	527,184	4,623,124
Mountain	13,204,509	20,830,896	7,626,387	158	998,458	651,255	12,164,190	5,927,921	3,711,566	2,106,953	1,417,308	12,144,767
Pacific	20,920,563	33,120,807	12,200,244	158	480,080	375,391	11,178,876	5,495,414	17,186,919	11,229,863	1,451,369	16,620,139
The North	206,128,686	395,999,708	189,871,022	192	391,991,240	211,553,109	227,501,689	90,563,697	54,251,076	27,901,692	6,763,572	65,981,210
The South	59,586,099	59,302,111	*283,988	100	67,102,796	42,612,189	10,480,617	5,255,737	118,340	75,922	1,047,150	11,358,263
The West	34,125,072	53,951,703	19,826,631	158	1,478,538	1,026,646	23,343,066	11,423,335	20,928,485	13,336,816	2,868,677	28,164,906
East of the Mississippi	164,784,082	251,955,453	87,171,371	153	231,803,302	132,686,277	136,081,080	55,706,229	11,243,154	6,713,533	4,889,735	56,849,414
West of the Mississippi	135,055,775	257,298,069	122,242,294	191	228,769,272	122,505,667	125,244,292	51,536,540	64,054,717	34,600,897	5,789,664	48,654,965

[1] An asterisk (*) indicates an excess of expenditures over receipts from sale.

The total amount reported by farmers as received during 1909 from the sale of corn, oats, barley, and hay and forage was $509,254,000. The amount reported by farmers as expended for feed for live stock was $299,840,000, the excess of receipts from sale over expenditures for purchase being $209,414,000, so that there were $170 of receipts for every $100 of expenditures. This excess represents in a general way the value of crops of this character sold by farmers for consumption by animals in cities, towns, and villages, for export, or for human consumption in the United States.

Marked differences appear among the geographic divisions with respect to the relation of sales of feedable crops to purchases. In the East and West North Central divisions there was in 1909 a great excess of sales over purchases, while in the New England and Middle Atlantic divisions the sales were much less than the purchases, and in the South Atlantic division considerably less; in general, it may be said that east of the Alleghenies the farmers do not raise enough feed for their own animals, but have to supply the deficiency by purchase from other sections of the country, while in every division west of these mountains they produce more feed than they need for home consumption.

FARMS REPORTING EXPENDITURES AND AMOUNT EXPENDED FOR FEED; RECEIPTS FROM SALES OF ALL FEEDABLE CROPS, BY

[A minus sign (—) denotes decrease.]

Table 22

	DIVISION OR STATE.	EXPENDITURES FOR FEED: 1909				RECEIPTS FROM SALE OF ALL FEEDABLE CROPS: 1909			RECEIPTS FROM SALE OF SPECIFIED FEEDABLE CROPS: 1909			
		Farms reporting.		Amount.					Corn.			
		Number.	Per cent of all farms.	Total.	Average per farm.	Amount.	Less expenditures for feed.	Per $100 of expenditures for feed.	Farms reporting. Number.	Farms reporting. Per ct. of all farms.	Quantity (bushels).	Amount received.
1	**United States**	**2,368,905**	**37.2**	**$299,839,857**	**$127**	**$509,253,522**	**$209,413,665**	**$170**	**1,003,279**	**15.8**	**460,572,574**	**$255,191,944**
	GEOGRAPHIC DIVISIONS:											
2	New England	151,385	80.2	34,613,964	229	4,346,647	—30,267,317	13	1,542	0.8	145,814	100,952
3	Middle Atlantic	316,609	67.6	54,696,044	173	21,584,058	—33,111,986	39	29,504	6.3	4,419,668	3,007,230
4	East North Central	413,476	36.8	40,611,121	98	195,063,014	155,051,893	482	265,062	23.6	197,015,428	107,806,684
5	West North Central	417,828	37.6	76,207,557	182	174,405,989	98,198,432	229	294,757	26.6	190,410,330	100,638,243
6	South Atlantic	335,980	30.2	19,255,280	57	14,677,355	—4,577,925	76	129,461	11.6	12,815,516	9,781,438
7	East South Central	290,938	27.9	15,607,673	54	15,684,379	76,706	100	134,149	12.9	17,406,876	11,989,973
8	West South Central	276,833	29.4	24,723,146	89	28,940,377	4,217,231	117	142,603	15.1	36,880,404	20,840,778
9	Mountain	66,097	36.0	13,204,509	200	20,830,896	7,626,387	158	4,526	2.5	998,458	651,255
10	Pacific	99,759	52.5	20,920,563	210	33,120,807	12,200,244	158	1,675	0.9	480,080	375,391
	NEW ENGLAND:											
11	Maine	46,043	77.7	7,267,854	156	1,567,463	—5,700,391	22	487	0.8	48,843	28,148
12	New Hampshire	21,983	81.3	4,614,938	210	447,535	—4,167,403	10	137	0.5	8,151	6,554
13	Vermont	26,332	80.5	4,758,703	181	966,276	—3,792,427	20	225	0.7	18,427	11,899
14	Massachusetts	30,500	82.6	10,878,178	357	738,987	—10,139,191	7	316	0.9	30,062	20,026
15	Rhode Island	4,358	82.4	1,678,183	385	116,079	—1,562,104	7	144	2.7	17,076	15,544
16	Connecticut	21,569	80.4	5,416,108	251	510,307	—4,905,801	9	233	0.9	23,255	18,781
	MIDDLE ATLANTIC:											
17	New York	151,962	70.5	29,545,703	194	10,349,957	—19,195,746	35	4,987	2.3	427,602	300,277
18	New Jersey	23,014	68.7	5,947,181	258	2,076,981	—3,870,200	35	4,458	13.3	1,062,071	732,398
19	Pennsylvania	141,633	64.6	19,203,160	136	9,157,120	—10,046,040	48	20,059	9.1	2,929,995	1,974,555
	EAST NORTH CENTRAL:											
20	Ohio	95,050	34.9	8,445,761	89	31,396,130	22,950,369	372	65,817	24.2	26,555,088	14,498,215
21	Indiana	74,889	34.8	6,893,901	92	32,749,631	25,855,730	476	65,431	30.4	37,773,249	20,436,730
22	Illinois	94,143	37.4	13,915,628	148	104,425,194	90,509,566	750	102,733	40.8	128,518,179	70,454,460
23	Michigan	75,882	30.7	5,682,915	75	12,234,203	6,551,288	215	21,747	10.5	2,869,955	1,679,307
24	Wisconsin	73,512	41.5	5,672,916	77	14,857,856	9,184,940	262	9,334	5.3	1,298,957	737,972
	WEST NORTH CENTRAL:											
25	Minnesota	58,551	37.5	5,041,925	86	19,741,965	14,700,040	392	21,571	13.8	6,633,555	3,142,400
26	Iowa	81,302	37.5	18,582,251	229	57,034,312	38,452,061	307	79,941	36.8	66,370,906	34,681,925
27	Missouri	110,416	39.8	17,148,008	155	20,077,983	2,929,975	117	67,198	24.2	25,777,282	15,022,413
28	North Dakota	19,624	26.4	2,003,028	102	6,079,840	4,076,812	333	760	1.0	140,769	76,408
29	South Dakota	21,763	28.0	3,049,255	140	16,373,129	13,323,874	537	16,481	21.2	11,568,861	5,795,348
30	Nebraska	49,251	38.0	12,567,838	255	31,587,632	19,019,794	251	51,834	40.0	47,822,843	24,463,519
31	Kansas	76,921	43.3	17,815,252	232	22,911,128	5,095,876	129	56,972	32.0	32,096,114	17,456,230
	SOUTH ATLANTIC:											
32	Delaware	3,461	31.9	337,841	98	713,022	375,181	211	2,880	26.6	941,449	587,193
33	Maryland	23,198	47.4	2,445,065	105	3,240,590	795,525	133	11,347	23.2	3,385,113	2,115,625
34	District of Columbia	183	84.3	130,077	711	180	—129,897	(1)	1	(2)	250	180
35	Virginia	62,267	33.8	3,504,660	56	3,753,316	248,656	107	26,053	14.2	3,027,677	2,295,666
36	West Virginia	37,301	38.6	1,938,233	52	1,212,228	—726,005	63	11,408	11.8	931,941	675,879
37	North Carolina	76,837	30.3	3,151,190	41	2,061,783	—1,089,407	65	33,427	13.2	1,728,493	1,587,495
38	South Carolina	40,130	22.7	1,830,815	46	1,164,874	—665,941	64	11,434	6.5	689,947	686,274
39	Georgia	75,975	26.1	4,097,043	54	2,045,033	—2,052,010	50	25,890	8.9	1,567,914	1,443,081
40	Florida	16,628	33.2	1,820,356	109	486,329	—1,334,027	27	7,021	14.0	492,732	390,045
	EAST SOUTH CENTRAL:											
41	Kentucky	65,693	25.3	4,014,998	61	6,282,120	2,267,122	156	44,793	17.3	7,974,158	4,998,915
42	Tennessee	70,212	28.5	3,570,551	51	6,713,697	3,143,146	188	48,552	19.7	7,092,466	4,875,559
43	Alabama	81,275	30.9	4,041,486	50	1,744,732	—2,296,754	43	25,165	9.6	1,523,967	1,374,086
44	Mississippi	73,758	26.9	3,980,638	54	943,830	—3,036,808	24	15,639	5.7	816,285	741,413
	WEST SOUTH CENTRAL:											
45	Arkansas	73,098	34.1	4,275,587	58	2,700,067	—1,575,520	63	25,266	11.8	2,547,707	1,854,933
46	Louisiana	28,323	23.5	3,784,140	134	1,515,043	—2,269,097	40	15,817	13.1	2,306,563	1,325,018
47	Oklahoma	62,546	32.9	5,863,373	94	16,430,110	10,566,737	280	52,051	27.4	24,497,297	12,761,019
48	Texas	112,866	27.0	10,800,046	96	8,295,157	—2,504,889	77	49,469	11.8	7,528,837	4,899,808
	MOUNTAIN:											
49	Montana	8,089	30.9	1,741,071	215	3,942,518	2,201,447	226	125	0.5	15,758	10,698
50	Idaho	10,639	34.5	2,122,709	200	5,275,620	3,152,911	249	116	0.4	25,667	15,211
51	Wyoming	4,469	40.7	1,508,828	338	1,238,522	—270,306	82	170	1.5	50,667	29,013
52	Colorado	19,545	42.3	4,502,799	235	5,010,168	417,369	109	2,037	4.4	616,346	348,224
53	New Mexico	13,470	37.8	1,527,037	113	1,445,063	—81,974	95	1,390	3.9	193,632	164,590
54	Arizona	2,714	29.4	541,371	199	1,445,838	904,467	267	503	5.5	77,089	68,813
55	Utah	6,086	28.1	727,409	120	1,336,199	608,790	184	164	0.8	17,298	13,029
56	Nevada	1,085	40.4	443,285	409	1,136,968	693,683	256	21	0.8	2,001	1,668
	PACIFIC:											
57	Washington	29,375	52.3	5,045,297	172	7,277,118	2,231,821	144	347	0.6	96,563	57,423
58	Oregon	21,012	46.2	3,198,363	152	4,514,161	1,315,798	141	307	0.7	30,969	23,191
59	California	49,372	56.0	12,676,903	257	21,329,528	8,652,625	168	1,021	1.2	352,548	294,777

[1] Less than 2 cents.

FEEDABLE CROPS; AND FARMS REPORTING, QUANTITY SOLD, AND RECEIPTS FROM SALES OF SPECIFIED DIVISIONS AND STATES: 1909.

[A minus sign (—) denotes decrease.]

	DIVISION OR STATE.	RECEIPTS FROM SALE OF SPECIFIED FEEDABLE CROPS: 1909—continued.											
		Oats.				Barley.				Hay and coarse forage.			
		Farms reporting.		Quantity (bushels).	Amount received.	Farms reporting.		Quantity (bushels).	Amount received.	Farms reporting.		Quantity (tons).	Amount received.
		Number.	Per ct. of all farms.			Number.	Per ct. of all farms.			Number.	Per ct. of all farms.		
1	**United States**	**594,990**	**9.4**	**261,325,372**	**$107,242,769**	**146,636**	**2.3**	**75,297,901**	**$41,314,430**	**625,072**	**9.8**	**10,679,399**	**$105,504,379**
	GEOGRAPHIC DIVISIONS:												
2	New England	2,960	1.6	384,423	217,879	285	0.2	9,656	8,272	25,829	13.7	272,594	4,019,544
3	Middle Atlantic	36,626	7.8	4,551,876	2,387,088	2,556	0.5	326,228	214,002	87,687	18.7	1,116,016	15,975,138
4	East North Central	207,727	23.8	128,053,438	51,279,242	42,972	3.8	10,858,789	6,457,495	217,999	19.4	2,981,159	30,119,593
5	West North Central	202,902	18.3	94,511,952	36,678,888	88,947	8.0	43,056,403	21,221,923	134,151	12.1	2,393,803	15,866,935
6	South Atlantic	20,812	1.9	1,588,085	1,034,972	429	(1)	26,426	18,993	45,667	4.1	281,175	3,841,952
7	East South Central	15,966	1.5	1,503,258	786,448	90	(1)	22,085	14,771	32,516	3.1	238,791	2,893,187
8	West South Central	19,944	2.1	7,389,274	3,434,317	368	(1)	69,829	42,158	31,588	3.3	527,184	4,623,124
9	Mountain	17,223	9.4	12,164,190	5,927,921	4,440	2.4	3,741,566	2,106,953	23,758	13.0	1,417,308	12,144,767
10	Pacific	10,770	5.7	11,178,876	5,495,414	6,549	3.4	17,186,919	11,229,863	25,877	13.6	1,451,369	16,020,139
	NEW ENGLAND:												
11	Maine	2,191	3.7	316,523	178,210	72	0.1	2,072	1,798	9,609	16.0	98,145	1,359,307
12	New Hampshire	97	0.4	7,551	4,467	14	0.1	475	364	3,125	11.6	28,320	436,150
13	Vermont	555	1.7	52,674	30,193	193	0.6	6,944	5,936	5,089	15.6	66,934	918,248
14	Massachusetts	66	0.2	4,901	3,074	3	(1)	20	24	4,282	11.6	43,908	715,863
15	Rhode Island	7	0.1	846	653	3	0.1	145	150	604	11.4	5,565	99,732
16	Connecticut	44	0.2	1,928	1,282	.....	.....	.....	.....	3,120	11.6	29,722	490,244
	MIDDLE ATLANTIC:												
17	New York	15,270	7.1	2,314,724	1,225,172	2,339	1.1	316,085	206,430	42,272	19.6	613,901	8,618,078
18	New Jersey	1,310	3.9	146,168	77,318	8	(1)	995	729	5,178	15.5	82,891	1,266,556
19	Pennsylvania	20,046	9.1	2,090,984	1,085,198	209	0.1	9,148	6,843	40,237	18.3	419,224	6,090,524
	EAST NORTH CENTRAL:												
20	Ohio	57,414	21.1	18,056,694	7,161,738	836	0.3	110,543	61,113	66,997	24.6	1,006,793	9,675,064
21	Indiana	49,488	23.0	21,099,983	7,961,211	243	0.1	30,196	18,003	36,021	16.7	424,680	4,333,687
22	Illinois	80,222	31.9	69,981,451	28,182,106	1,403	0.6	305,044	164,764	40,654	16.1	565,217	5,623,864
23	Michigan	42,166	20.4	7,910,857	3,432,668	2,009	1.0	153,310	87,738	46,702	22.6	632,793	7,034,490
24	Wisconsin	38,437	21.7	11,004,453	4,541,519	38,481	21.7	10,259,696	6,125,877	27,625	15.6	351,676	3,452,488
	WEST NORTH CENTRAL:												
25	Minnesota	32,558	20.9	19,053,252	7,060,947	38,777	24.8	15,567,918	7,959,629	16,407	10.5	257,083	1,578,959
26	Iowa	80,793	37.2	41,311,243	16,407,511	16,505	7.6	5,075,639	2,472,786	31,555	14.5	448,721	3,472,090
27	Missouri	21,739	7.8	4,684,498	1,898,373	144	0.1	9,730	5,833	34,082	12.3	363,533	3,151,364
28	North Dakota	10,096	13.6	6,135,574	2,345,631	11,234	15.1	8,552,914	3,946,294	3,852	5.2	63,332	311,507
29	South Dakota	16,733	21.6	9,336,813	3,532,362	18,818	24.2	12,665,163	6,289,599	6,831	8.8	152,556	755,820
30	Nebraska	27,744	21.4	10,766,112	4,058,921	1,763	1.4	606,184	269,946	15,628	12.1	434,150	2,795,246
31	Kansas	13,299	7.5	3,224,460	1,375,143	1,706	1.0	578,855	277,836	25,796	14.5	624,428	3,801,919
	SOUTH ATLANTIC:												
32	Delaware	95	0.9	10,025	5,454	.....	.....	.....	.....	893	8.2	10,222	120,375
33	Maryland	1,264	2.6	115,985	58,076	148	0.3	11,317	7,496	6,187	12.6	75,565	1,059,393
34	District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
35	Virginia	3,940	2.1	265,656	150,368	248	0.1	13,851	10,310	11,356	6.2	96,131	1,296,972
36	West Virginia	2,101	2.2	94,707	50,561	8	(1)	446	319	8,008	8.3	40,193	485,469
37	North Carolina	5,368	2.1	211,043	137,273	7	(1)	216	167	10,229	4.0	25,601	336,848
38	South Carolina	3,575	2.0	388,213	272,054	9	(1)	434	519	3,595	2.0	12,141	206,027
39	Georgia	3,931	1.4	446,564	318,419	9	(1)	162	182	4,753	1.6	17,943	283,351
40	Florida	538	1.1	55,892	42,767	.....	.....	.....	.....	646	1.3	3,379	53,517
	EAST SOUTH CENTRAL:												
41	Kentucky	2,375	0.9	173,574	88,396	30	(1)	8,997	5,507	12,345	4.8	102,501	1,189,302
42	Tennessee	11,058	4.5	1,166,503	580,721	57	(1)	13,018	9,224	15,102	6.1	98,250	1,248,193
43	Alabama	2,044	0.8	134,283	94,672	2	(1)	60	32	3,307	1.3	21,447	275,942
44	Mississippi	489	0.2	28,898	22,659	1	(1)	10	8	1,762	0.6	16,593	179,750
	WEST SOUTH CENTRAL:												
45	Arkansas	3,274	1.5	312,986	162,922	4	(1)	233	208	7,120	3.3	73,506	682,004
46	Louisiana	75	0.1	12,680	10,549	.....	.....	.....	.....	579	0.5	15,416	179,476
47	Oklahoma	11,107	5.8	4,674,729	2,006,477	301	0.2	60,086	36,030	11,409	6.0	236,828	1,626,584
48	Texas	5,488	1.3	2,388,879	1,254,369	63	(1)	9,510	5,920	12,480	3.0	201,434	2,135,060
	MOUNTAIN:												
49	Montana	3,441	13.1	3,905,534	1,841,235	439	1.7	203,886	127,847	3,184	12.1	231,309	1,962,738
50	Idaho	4,761	15.5	4,172,705	1,835,404	1,325	4.3	2,078,299	1,028,788	5,303	17.2	300,191	2,396,217
51	Wyoming	1,514	13.8	803,663	432,755	103	0.9	13,590	9,700	1,353	12.3	107,783	767,054
52	Colorado	3,924	8.5	2,108,619	1,177,940	981	2.1	368,931	206,764	6,274	13.6	390,368	3,277,240
53	New Mexico	828	2.3	197,245	120,199	54	0.2	12,933	11,283	3,061	8.6	104,988	1,148,982
54	Arizona	177	1.9	97,310	66,995	642	7.0	586,863	430,346	918	9.9	84,728	879,684
55	Utah	2,462	11.4	762,942	390,883	685	3.2	221,015	114,740	3,034	14.0	95,197	817,547
56	Nevada	116	4.3	116,172	62,510	211	7.8	256,049	177,485	631	23.5	102,744	895,305
	PACIFIC:												
57	Washington	4,025	7.2	5,745,804	2,540,010	1,174	2.1	2,469,845	1,412,793	5,880	10.5	272,956	3,266,892
58	Oregon	5,458	12.0	3,240,248	1,537,994	883	1.9	610,621	389,830	6,629	14.6	252,290	2,563,146
59	California	1,287	1.5	2,192,824	1,417,410	4,492	5.1	14,106,453	9,427,240	13,368	15.2	926,123	10,190,101

[1] Less than one-tenth of 1 per cent.

The total receipts from the sale of corn, oats, barley, and hay and forage in 1909, was $509,254,000, or 18.4 per cent of the total value of these crops, $2,769,715,000. Moreover, as already shown, considerably more than half of the quantity of such crops sold was purchased by other farmers. Table 23 shows, for the United States as a whole and for the divisions and sections, the percentages sold of the total production of each of the four principal feedable crops. The maps following page 560 show graphically the distribution of the amount expended for feed and the receipts from the sale of feedable crops, respectively, based on the amounts reported for each county.

Of the corn raised by farmers in 1909 only 18 per cent was reported as sold, the proportion sold being highest in the East North Central division. Of the oats raised, 25.9 per cent was reported as sold; of the barley, 43.4 per cent; and of the hay and forage, only 11 per cent.

Table 23

DIVISION OR SECTION.	PER CENT OF TOTAL PRODUCTION REPORTED AS SOLD: 1909			
	Corn.	Oats.	Barley.	Hay and forage.
United States	18.0	25.9	43.4	11.0
New England	1.8	5.2	2.3	5.8
Middle Atlantic	6.3	7.1	15.8	9.9
East North Central	23.3	34.3	40.7	14.6
West North Central	19.1	21.8	43.5	6.6
South Atlantic	7.1	7.5	6.5	9.6
East South Central	8.3	12.9	18.4	9.3
West South Central	15.8	27.1	38.5	15.6
Mountain	13.6	30.0	38.2	16.5
Pacific	21.0	39.6	49.6	19.9
The North	20.4	25.9	42.3	9.3
The South	10.8	17.4	16.6	11.8
The West	15.4	33.9	47.1	18.0
East of the Mississippi River	17.7	28.4	37.8	11.7
West of the Mississippi River	18.5	23.7	44.6	10.4

FARM EXPENDITURES FOR LABOR AND FERTILIZERS.

Expenditures for labor: 1909 and 1899.—The schedules of the Twelfth and Thirteenth Censuses contained inquiries as to the amount paid by farmers for hired labor during the year preceding the taking of the census. No attempt was made to ascertain the number of persons hired. In many cases farmers hire labor only for a few days or a few weeks during the year, and it would be impossible to determine the true average number employed for the year, while the actual number employed on any selected date, even if ascertained correctly, might by no means be typical of average conditions throughout the year. The schedule inquiry as to wages distinguished between cash payment and the value of house rent and board furnished. It is probable that the latter item is, in general, less correctly reported than the former, and that it is in most cases somewhat understated.

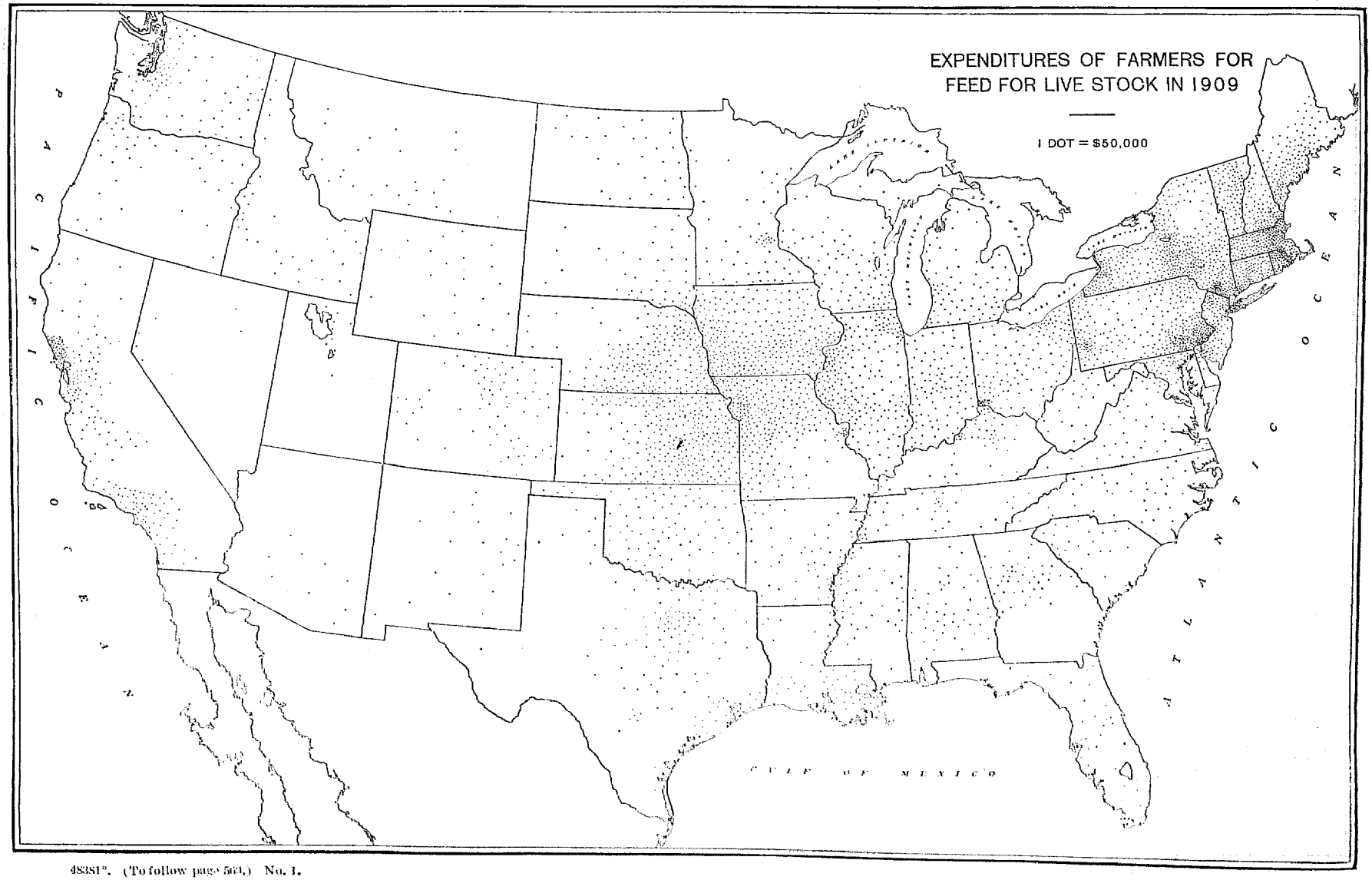
The number of farms reporting expenditures for labor in 1909 was 2,922,279, or 45.9 per cent of the total number of farms. The total expenditure reported was $651,611,000, as compared with $357,392,000 in 1899, showing an increase of 82.3 per cent, which was due in part to higher wages and in part to the employment of more laborers or employment for longer periods of time. This rate of increase in the expenditures for labor is very close to that in the value of all crops, which increased 83 per cent between 1899 and 1909.

Table 24 shows the statistics of expenditures for labor, by divisions and sections. Similar data by states will be found in Tables 27 and 28.

Table 24

DIVISION OR SECTION.	FARMS REPORTING EXPENDITURES FOR LABOR.		AMOUNT EXPENDED FOR LABOR.				PER CENT OF UNITED STATES TOTAL.			AVERAGE PER FARM.			AVERAGE EXPENDITURES FOR LABOR PER ACRE OF—	
	Number.	Per cent of all farms.	1909	1899	Increase. Amount.	Increase. Per cent.	All land in farms: 1910	Improved land in farms: 1910	Expenditures for labor: 1909	Acres of all land in farms: 1910	Acres of improved land in farms: 1910	Expenditures for labor: 1909	All land in farms: 1909	Improved land in farms: 1909
United States	2,922,279	45.9	$651,611,287	$357,391,930	$294,219,357	82.3	100.0	100.0	100.0	138.1	75.2	$223	$0.74	$1.36
New England	124,619	66.0	34,500,407	20,727,980	13,772,427	66.4	2.2	1.5	5.3	104.4	38.4	277	1.75	4.76
Middle Atlantic	308,050	65.8	78,021,579	50,469,890	27,551,689	54.6	4.9	6.1	12.0	92.2	62.6	253	1.81	2.66
East North Central	592,364	52.7	117,880,195	67,556,520	50,323,675	74.5	13.4	18.6	18.1	105.0	79.2	199	1.00	1.33
West North Central	566,347	51.0	135,924,234	75,764,460	60,159,774	79.4	26.5	34.3	20.9	209.6	148.0	240	0.58	0.83
South Atlantic	409,370	42.2	66,607,245	37,086,040	29,521,205	79.6	11.8	10.1	10.2	93.3	43.6	142	0.64	1.37
East South Central	329,583	31.6	35,308,883	19,575,416	15,733,467	80.4	9.3	9.2	5.4	78.2	42.2	107	0.43	0.80
West South Central	336,034	35.6	59,980,738	29,871,225	30,109,513	100.8	19.2	12.2	9.2	179.3	61.8	178	0.35	1.03
Mountain	85,831	46.8	46,939,012	20,372,255	26,566,757	130.4	6.8	3.3	7.2	324.5	86.8	547	0.79	2.95
Pacific	110,081	58.0	76,448,994	35,968,144	40,480,850	112.5	5.8	4.6	11.7	270.3	116.1	694	1.49	3.47
The North	1,591,380	55.1	366,326,415	214,518,850	151,807,565	70.8	47.1	60.6	56.2	143.0	100.3	230	0.89	1.26
The South	1,134,987	36.6	161,896,866	86,532,681	75,364,185	87.1	40.3	31.5	24.8	114.4	48.6	143	0.46	1.07
The West	195,912	52.5	123,388,006	56,340,399	67,047,607	119.0	12.6	7.9	18.9	296.9	101.7	630	1.11	3.25
East of the Mississippi	1,823,986	46.4	332,318,309	195,415,846	136,902,463	70.1	41.7	45.6	51.0	93.0	55.4	182	0.91	1.52
West of the Mississippi	1,098,293	45.3	319,292,978	161,976,084	157,316,894	97.1	58.3	54.4	49.0	211.3	107.4	291	0.62	1.23

The proportion of farms reporting expenditures for labor varied considerably in the different divisions and sections. In the New England and Middle Atlantic divisions about two-thirds of the farms reported expenditures for labor, in the two North Central divisions slightly more than one-half, in the South Atlantic divi-



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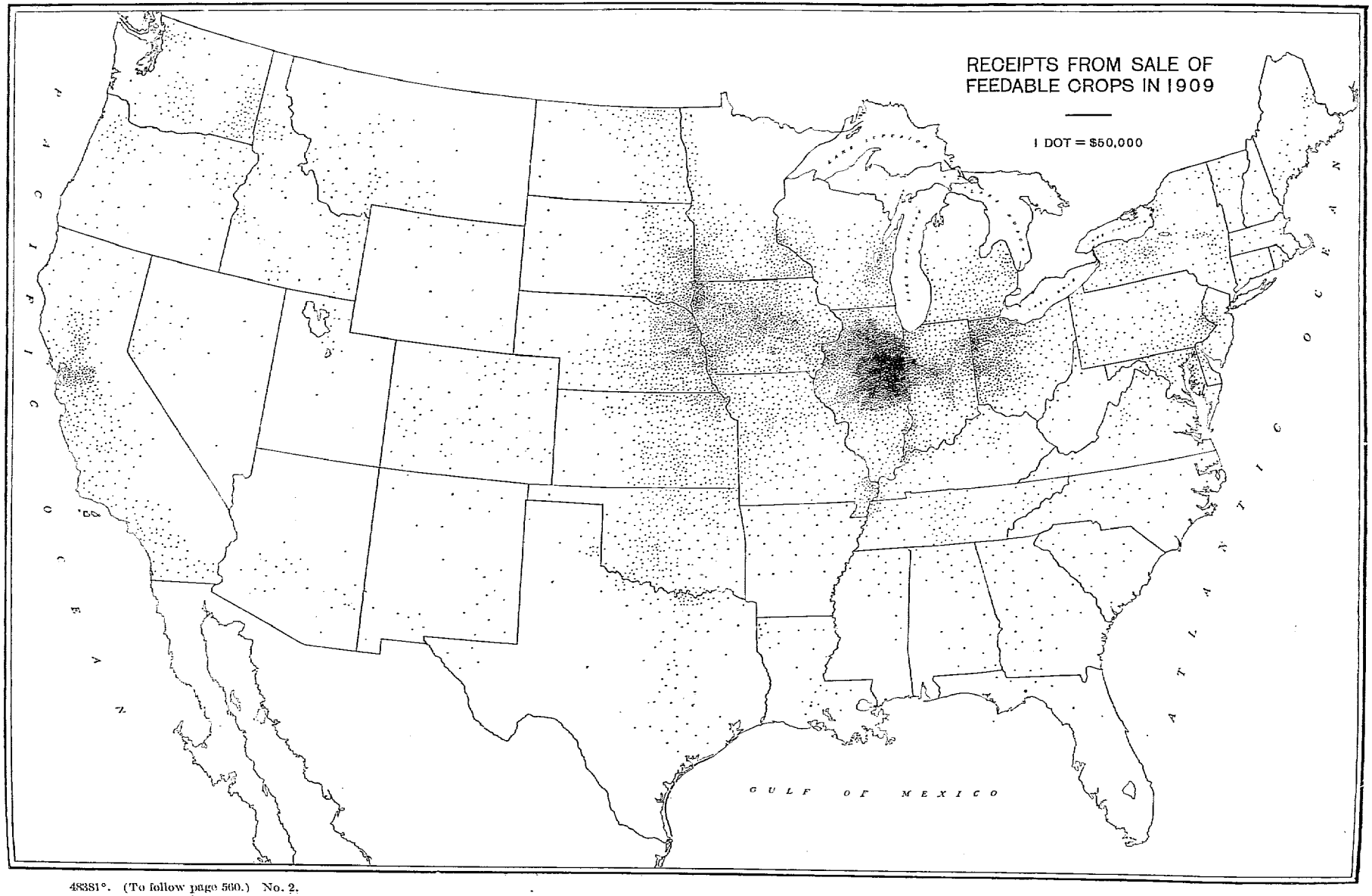

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sion about two-fifths, in the two South Central divisions about one-third, while in the West the proportion of farms reporting expenditures for labor was 46.8 per cent in the Mountain and 58 per cent in the Pacific division. These differences are due primarily to the character of the leading crops in the divisions and the general methods of organizing farm industry, the low proportion in the South being due largely to the prevalence there of small tenant farms on which all the labor is performed by the tenant.

The distribution of the expenditures for labor by divisions shows that the divisions on the Atlantic and the Pacific coast, and also the Mountain division, reported greater proportions of the total expenditures for farm labor than of the improved farm acreage of the country, while the four central divisions, and especially the West North Central and East South Central, reported smaller proportions of the expenditures for labor than of the improved acreage. These differences are due, no doubt, to the fact that the four central divisions produce most of the cereals, which require less intensive methods of cultivation than some of the other crops. An examination of the map opposite page 562, which shows the expenditures for farm labor by counties, brings out the fact that these expenditures are highest in the vicinity of large cities where truck farming and the raising of flowers and plants, which require highly intensive methods of agriculture, are important. The average expenditures per farm reflect the differences in the prevailing size of farms as well as in the character of agriculture, but the averages per acre of improved land (based on the acreage of all farms and not on that of farms reporting expenditures for labor) show that the expenditures were highest in proportion in New England, where they were $4.76 per acre; in the Pacific division, with $3.47; the Mountain, with $2.95; and the Middle Atlantic, with $2.66. The highest averages per acre for individual states were reported for Massachusetts, $10.39; Rhode Island, $9.88; Arizona, $7.15; Connecticut, $6.96; and New Jersey, $6.15. No other state showed an average as high as $5 per acre. The lowest averages were reported on the one hand for some of the principal cereal producing states, Nebraska reporting an average of 62 cents; Kansas, 69 cents; and Missouri, 76 cents; and, on the other hand, by some of the Southern states, the average in Oklahoma being 56 cents; in Alabama, 77 cents; and in Tennessee, 78 cents. The explanation of these differences is found partly in the crops raised, partly in the character of the soil, partly in the rate of wages of farm laborers, and partly in the customary methods of organizing farm industry.

Of the total expenditures for labor, $521,730,000, or 80.1 per cent, was paid in cash, and $129,881,000, or 19.9 per cent, in the form of rent and board. The proportion that rent and board formed of the total expenditures for labor varied considerably in the different states, but was generally higher in the North than in the South or West.

Expenditures for fertilizers.—These expenditures are made chiefly for commercial or artificial fertilizers, but to some extent for the purchase of manure or other natural fertilizers derived chiefly from cities, towns, and villages. Table 25 presents data regarding expenditures for fertilizers, by geographic divisions and sections. Corresponding statistics are given for each of the geographic divisions and states in Tables 26 and 28.

Table 25

DIVISION OR SECTION.	FARMS REPORTING EXPENDITURES FOR FERTILIZERS: 1910		AMOUNT EXPENDED FOR FERTILIZERS.				PER CENT OF UNITED STATES TOTAL.			AVERAGE PER FARM.			AVERAGE EXPENDITURES FOR FERTILIZERS PER ACRE OF—	
	Number.	Per cent.	1909	1899	Increase.[1] Amount.	Increase.[1] Per cent.	All land in farms: 1910	Improved land in farms: 1910	Expenditures for fertilizers: 1909	Acres of all land in farms: 1910	Acres of improved land in farms: 1910	Expenditures for fertilizers: 1909	All land in farms: 1909	Improved land in farms: 1909
United States	1,823,032	28.7	$114,882,541	$53,430,910	$61,451,631	115.0	100.0	100.0	100.0	138.1	75.2	$63	$0.13	$0.24
New England	114,922	60.9	9,407,759	4,297,705	5,110,054	118.9	2.2	1.5	8.2	104.4	38.4	82	0.48	1.30
Middle Atlantic	267,337	57.1	18,221,474	11,344,290	6,877,184	60.6	4.9	6.1	15.9	92.2	62.6	68	0.42	0.62
East North Central	219,848	19.6	8,058,881	5,866,520	2,192,361	37.4	13.4	18.6	7.0	105.0	79.2	37	0.07	0.09
West North Central	23,790	2.1	983,216	1,407,175	−423,959	−30.1	26.5	34.3	0.9	209.6	148.0	41	(2)	0.01
South Atlantic	760,616	69.2	59,625,130	22,732,670	36,892,460	162.3	11.8	10.1	51.9	93.3	43.6	77	0.57	1.23
East South Central	352,199	33.8	12,901,239	5,337,708	7,563,531	141.7	9.3	9.2	11.2	78.2	42.2	37	0.16	0.29
West South Central	60,777	6.4	3,225,927	1,374,116	1,851,811	134.8	19.2	12.2	2.8	179.3	61.8	53	0.02	0.06
Mountain	2,385	1.3	159,342	77,116	82,226	106.6	6.8	3.3	0.1	324.5	86.8	67	(2)	0.01
Pacific	12,158	6.4	2,299,573	993,610	1,305,963	131.4	5.8	4.6	2.0	270.3	116.1	189	0.04	0.10
The North	625,897	21.7	36,671,330	22,915,690	13,755,640	60.0	47.1	60.6	31.9	143.0	100.3	59	0.09	0.13
The South	1,182,592	38.2	75,752,296	29,444,494	46,307,802	157.3	40.3	31.5	65.9	114.4	48.6	64	0.21	0.50
The West	14,543	3.9	2,458,915	1,070,726	1,388,189	129.6	12.6	7.9	2.1	296.9	101.7	169	0.02	0.06
East of the Mississippi	1,723,922	43.8	108,214,483	49,578,893	58,635,590	118.3	41.7	45.6	94.2	93.0	55.4	63	0.30	0.50
West of the Mississippi	99,110	4.1	6,668,058	3,852,017	2,816,041	73.1	58.3	54.4	5.8	211.3	107.4	57	0.01	0.03

[1] A minus sign (−) denotes decrease.

[2] Less than 1 cent.

The total number of farms that reported expenditures for fertilizers in 1909 was 1,823,032, or somewhat more than one-fourth (28.7 per cent) of all farms. The total amount expended for fertilizers in 1909 was $114,883,000, being more than double that expended 10 years earlier, $53,431,000. The average amount per farm reporting such expenditures was $63, and the average per acre of improved land (based on the acre-

age of all farms and not on that of farms reporting expenditures for fertilizers) was 24 cents.

There was a wide diversity among the sections of the country with reference to the practice of buying fertilizers. In each of the divisions on the Atlantic coast more than one-half of the farms reported expenditures for fertilizers, the highest proportion, 69.2 per cent, being in the South Atlantic division. In the East South Central division about one-third of the farms reported such expenditures and in the East North Central about one-fifth, while in none of the divisions west of the Mississippi River was the proportion as high as one-tenth, and in the West North Central and Mountain divisions it was quite insignificant.

About nineteen-twentieths of the expenditure for fertilizers in 1909 was reported from the sections east of the Mississippi River; in the other sections of the country the fertility of the soil, in so far as any effort is made to conserve it, is usually maintained by rotation of crops, by letting the land lie fallow, or by using manure derived from live stock. The leading states in expenditures for fertilizers in 1909 were Georgia, with an expenditure of $16,860,000; South Carolina, with $15,162,000; North Carolina, with $12,263,000; and Alabama, with $7,631,000. All of these states were leading cotton growing states, in which the soil was not fertile enough, as in Texas, to produce that crop freely without artificial fertilization. The other three states reporting an expenditure of over $5,000,000 for fertilizers in 1909 were New York, with $7,142,000, Pennsylvania, with $6,802,000, and Virginia, with $6,932,000. The county map opposite this page shows that the expenditures for fertilizers in the two states first named were mostly in the vicinity of New York and Philadelphia, where there were numerous truck gardens and florists' establishments. The comparatively high expenditure in New Jersey was due to the proximity of the two cities first mentioned, as well as to the presence of numerous large cities in that state. In Maine the expenditure is largely centered in Aroostook County, where potatoes are grown in large quantities.

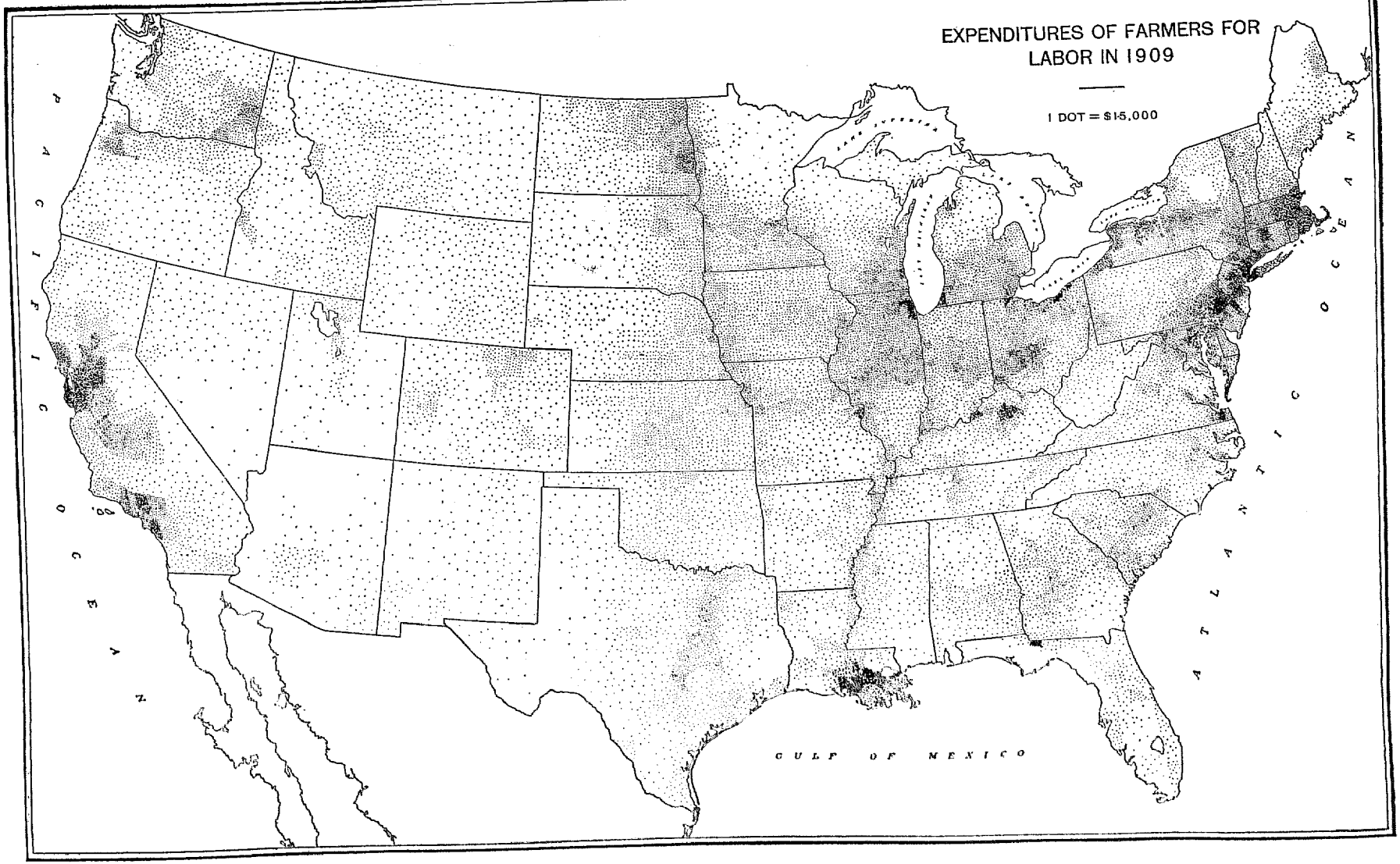
The average expenditure for fertilizers per acre of improved land varied in 1909 from 1 cent in the West North Central and Mountain divisions to $1.30 in the New England division and $1.23 in the South Atlantic. As suggested above, the differences in the expenditures for fertilizers reflect differences in natural fertility of soils, in character of crops grown, and to some extent in the customary methods of agriculture.

Detailed state tables.—Table 26 shows, by divisions and states, statistics of the expenditures by farmers for fertilizers. Table 27 gives the statistics of expenditures for farm labor, and Table 28 shows percentages and averages for each of these items of the farm budget, together with comparative data showing the distribution of the total and of the improved land in farms.

Table 26

DIVISION OR STATE.	EXPENDITURES FOR FERTILIZERS.					
	Farms reporting: 1910		Amount expended.			
	Number.	Per ct. of all farms.	1909	1899	Increase.[1]	
					Amount.	Per ct.
United States	1,823,032	28.7	$114,882,541	$53,430,910	$61,451,631	115.0
GEOGRAPHIC DIVISIONS:						
New England	114,022	60.9	9,407,759	4,297,705	5,110,054	118.9
Middle Atlantic	207,337	57.1	18,221,474	11,344,290	6,877,184	60.6
East North Central	219,848	19.6	8,058,881	5,866,520	2,192,361	37.4
West North Central	23,700	2.1	983,216	1,407,175	−423,959	−30.1
South Atlantic	769,616	69.2	59,625,130	22,732,670	36,892,460	162.3
East South Central	352,199	33.8	12,901,239	5,337,708	7,563,531	141.7
West South Central	60,777	6.4	3,225,927	1,374,116	1,851,811	134.8
Mountain	2,385	1.3	159,342	77,116	82,226	106.6
Pacific	12,158	0.4	2,299,573	993,610	1,305,963	131.4
NEW ENGLAND:						
Maine	39,947	60.6	4,069,479	819,680	3,249,799	396.5
New Hampshire	15,351	56.7	512,580	367,980	144,600	39.3
Vermont	10,033	58.2	570,752	447,065	123,687	27.7
Massachusetts	21,689	58.8	1,965,682	1,320,600	645,082	48.8
Rhode Island	3,318	62.7	335,103	264,140	70,963	26.9
Connecticut	15,584	58.1	1,954,163	1,078,240	875,923	81.2
MIDDLE ATLANTIC:						
New York	113,883	52.8	7,142,265	4,493,050	2,649,215	59.0
New Jersey	23,685	70.7	4,277,604	2,165,320	2,112,284	97.5
Pennsylvania	120,769	59.2	6,801,605	4,685,920	2,115,685	45.1
EAST NORTH CENTRAL:						
Ohio	118,888	43.7	4,180,485	2,695,470	1,485,015	55.1
Indiana	55,431	25.7	2,189,695	1,553,710	635,985	40.9
Illinois	11,207	4.4	615,594	830,660	−215,066	−25.9
Michigan	31,327	15.1	945,354	492,360	452,994	92.0
Wisconsin	2,995	1.7	127,753	294,320	−166,567	−56.6
WEST NORTH CENTRAL:						
Minnesota	1,436	0.9	74,653	251,120	−176,467	−70.3
Iowa	1,776	0.8	109,570	337,190	−227,620	−67.5
Missouri	18,434	6.0	671,073	370,630	300,443	81.1
North Dakota	175	0.2	10,003	13,855	−3,852	−27.8
South Dakota	185	0.2	11,294	12,940	−1,646	−12.7
Nebraska	369	0.3	31,021	153,080	−122,059	−79.7
Kansas	1,415	0.8	75,602	268,360	−192,758	−71.8
SOUTH ATLANTIC:						
Delaware	9,023	83.3	864,577	539,040	325,537	60.4
Maryland	37,154	75.9	3,387,634	2,618,890	768,744	29.4
District of Columbia	77	35.5	10,975	22,600	−5,625	−24.9
Virginia	111,277	60.5	6,932,455	3,681,790	3,250,665	88.3
West Virginia	23,967	24.8	528,937	405,270	123,667	30.5
North Carolina	181,718	71.6	12,262,533	4,479,030	7,783,503	173.8
South Carolina	140,303	79.5	15,162,017	4,494,410	10,667,607	237.3
Georgia	230,271	81.2	16,860,149	5,738,520	11,121,629	193.8
Florida	29,826	59.6	3,609,853	753,120	2,856,733	379.3
EAST SOUTH CENTRAL:						
Kentucky	56,783	21.9	1,350,720	908,250	442,470	48.7
Tennessee	53,498	21.7	1,216,290	898,070	318,226	35.4
Alabama	163,241	62.1	7,030,952	2,599,290	5,031,662	193.6
Mississippi	78,677	28.7	2,703,271	932,098	1,771,173	190.0
WEST SOUTH CENTRAL:						
Arkansas	22,113	10.3	596,553	172,510	424,043	245.8
Louisiana	22,111	18.3	2,004,919	1,076,890	928,029	86.2
Oklahoma	922	0.3	29,092	.....	29,092	.....
Texas	15,931	3.8	595,363	124,716	470,647	377.4
MOUNTAIN:						
Montana	89	0.3	12,323	3,940	8,383	212.8
Idaho	237	0.8	20,737	17,150	3,587	20.9
Wyoming	33	0.3	5,302	12,700	−7,398	−58.3
Colorado	560	1.2	61,113	23,225	37,888	163.1
New Mexico	827	2.3	25,371	2,880	22,491	780.9
Arizona	33	0.4	6,080	2,921	3,159	108.1
Utah	571	2.6	20,037	14,300	5,737	40.1
Nevada	35	1.3	8,379	.....	8,379	.....
PACIFIC:						
Washington	1,801	3.2	87,023	29,165	57,858	198.4
Oregon	2,887	6.3	68,557	27,395	41,162	150.3
California	7,470	8.5	2,143,993	937,050	1,206,943	128.8

[1] A minus sign (−) denotes decrease.



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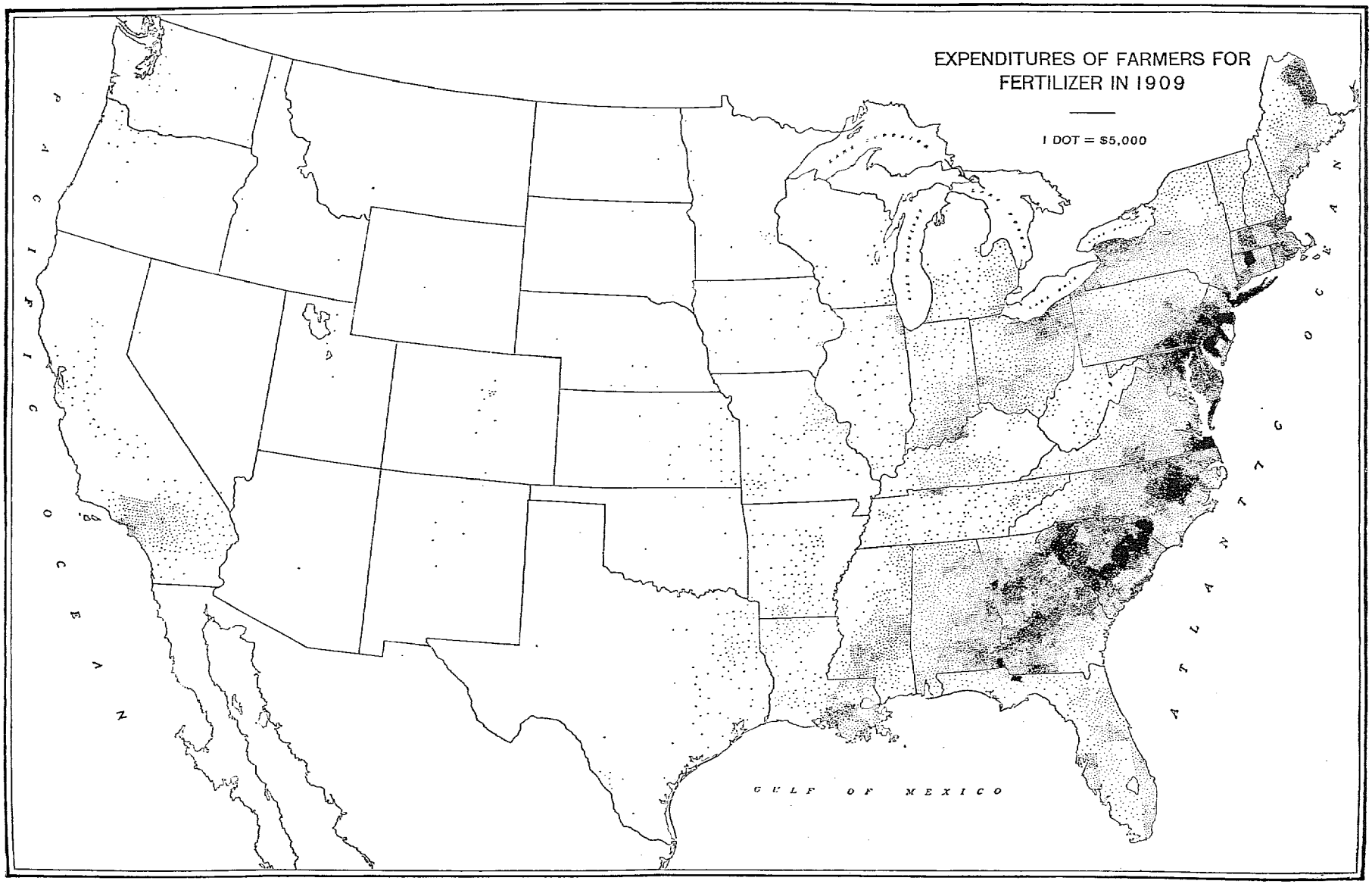

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FARMS REPORTING EXPENDITURES FOR LABOR AND AMOUNTS EXPENDED, BY DIVISIONS AND STATES: 1910 AND 1900.

Table 27

DIVISION OR STATE.	EXPENDITURES FOR LABOR.						FORM OF PAYMENT: 1909			
	Farms reporting.		Total amount expended.				Cash.		Rent and board furnished.	
	Number.	Per cent of all farms.	1909	1899	Increase. Amount.	Increase. Per cent.	Amount.	Per cent of total.	Value.	Per cent of total.
United States	2,922,279	45.9	$651,611,287	$357,391,930	$294,219,357	82.3	$521,729,941	80.1	$129,881,346	19.9
GEOGRAPHIC DIVISIONS:										
New England	124,619	66.0	34,500,407	20,727,980	13,772,427	66.4	27,603,492	80.0	6,896,915	20.0
Middle Atlantic	308,050	65.8	78,021,579	50,469,890	27,551,689	54.6	59,913,169	76.8	18,108,410	23.2
East North Central	592,364	52.7	117,880,195	67,556,520	50,323,675	74.5	91,591,170	77.7	26,289,025	22.3
West North Central	566,347	51.0	135,924,234	75,764,460	60,159,774	79.4	105,023,453	77.3	30,900,781	22.7
South Atlantic	469,370	42.2	66,607,245	37,086,040	29,521,205	79.6	55,413,285	83.2	11,193,960	16.8
East South Central	329,583	31.6	35,308,883	19,575,416	15,733,467	80.4	28,662,434	81.2	6,646,449	18.8
West South Central	336,034	35.6	59,980,738	29,871,225	30,109,513	100.8	52,219,927	87.1	7,760,811	12.9
Mountain	85,831	46.8	46,939,012	20,372,255	26,566,757	130.4	37,384,652	79.6	9,554,360	20.4
Pacific	110,081	58.0	76,448,994	35,968,144	40,480,850	112.5	63,918,359	83.6	12,530,635	16.4
NEW ENGLAND:										
Maine	37,190	62.0	5,633,106	2,667,260	2,965,846	111.2	4,485,911	79.6	1,147,195	20.4
New Hampshire	17,385	64.3	3,374,126	2,304,520	1,069,606	46.4	2,690,006	79.7	684,120	20.3
Vermont	21,810	66.7	4,748,003	3,133,140	1,614,863	51.5	3,579,799	75.4	1,168,204	24.6
Massachusetts	26,758	72.5	12,101,959	7,487,280	4,614,679	61.6	9,906,209	81.9	2,195,750	18.1
Rhode Island	3,521	66.5	1,761,594	1,032,360	729,234	70.6	1,429,388	81.1	332,206	18.9
Connecticut	17,955	67.0	6,881,619	4,103,420	2,778,199	67.7	5,512,179	80.1	1,369,440	19.9
MIDDLE ATLANTIC:										
New York	145,095	67.3	41,312,014	27,102,130	14,209,884	52.4	32,000,566	77.5	9,311,448	22.5
New Jersey	23,448	70.0	11,097,727	6,720,030	4,377,697	65.1	8,633,475	77.8	2,464,252	22.2
Pennsylvania	139,507	63.6	25,611,838	16,647,730	8,964,108	53.8	19,279,128	75.3	6,332,710	24.7
EAST NORTH CENTRAL:										
Ohio	145,515	53.5	25,631,185	14,502,600	11,128,585	76.7	20,426,904	79.7	5,204,281	20.3
Indiana	103,947	48.2	17,682,079	9,685,540	7,996,539	82.6	14,013,473	79.3	3,668,606	20.7
Illinois	139,941	55.6	36,308,376	22,182,550	14,125,826	63.7	27,989,488	77.1	8,318,888	22.9
Michigan	111,842	54.0	19,063,082	10,717,220	8,345,862	77.9	15,073,667	79.1	3,989,415	20.9
Wisconsin	91,119	51.4	19,195,473	10,468,610	8,726,863	83.4	14,087,638	73.4	5,107,835	26.6
WEST NORTH CENTRAL:										
Minnesota	94,934	60.8	22,330,149	16,657,820	5,672,329	34.1	16,673,777	74.7	5,656,372	25.3
Iowa	108,890	50.2	24,781,592	16,375,670	8,405,922	51.3	18,586,300	75.0	6,195,292	25.0
Missouri	120,714	43.5	18,644,695	9,803,610	8,841,085	90.2	14,970,635	80.3	3,674,060	19.7
North Dakota	45,775	61.6	21,740,149	9,207,220	12,532,929	136.1	17,198,082	79.1	4,542,067	20.9
South Dakota	41,180	53.0	12,831,944	5,528,070	7,303,874	132.1	9,908,389	77.2	2,923,555	22.8
Nebraska	62,665	48.3	15,028,468	7,399,160	7,629,308	103.1	11,422,188	76.0	3,606,280	24.0
Kansas	92,189	51.8	20,567,237	10,792,910	9,774,327	90.6	16,264,082	79.1	4,303,155	20.9
SOUTH ATLANTIC:										
Delaware	6,841	63.1	1,612,471	1,075,960	536,511	49.9	1,257,198	78.0	355,273	22.0
Maryland	31,982	65.4	8,802,172	5,715,520	3,086,652	54.0	6,743,157	76.6	2,059,015	23.4
District of Columbia	146	67.3	238,833	197,420	41,413	21.0	212,893	89.1	25,940	10.9
Virginia	84,636	46.0	13,354,194	7,790,720	5,563,474	71.4	10,822,816	81.0	2,531,378	19.0
West Virginia	43,871	45.4	4,035,764	2,041,560	1,994,204	97.7	3,203,924	79.4	831,840	20.6
North Carolina	97,461	38.4	9,220,564	5,444,950	3,775,614	69.3	7,643,783	82.9	1,576,781	17.1
South Carolina	69,491	39.4	10,770,758	6,107,100	4,663,658	76.4	9,351,384	86.8	1,419,374	13.2
Georgia	113,782	39.1	13,218,113	7,244,520	5,973,593	82.5	11,185,852	84.6	2,032,261	15.4
Florida	21,160	42.3	5,354,376	1,468,290	3,886,086	264.7	4,992,278	93.2	362,098	6.8
EAST SOUTH CENTRAL:										
Kentucky	91,642	35.4	12,243,851	6,613,330	5,630,521	85.1	10,007,302	81.7	2,236,549	18.3
Tennessee	88,670	36.0	8,448,059	4,730,370	3,717,689	78.6	7,036,564	83.3	1,411,495	16.7
Alabama	83,643	31.8	7,454,748	4,314,460	3,140,288	72.8	6,033,123	80.9	1,421,625	19.1
Mississippi	65,628	23.9	7,162,225	3,917,256	3,244,969	82.8	5,585,445	78.0	1,576,780	22.0
WEST SOUTH CENTRAL:										
Arkansas	70,638	32.9	7,654,571	3,171,090	4,483,481	141.4	6,304,169	82.4	1,350,402	17.6
Louisiana	31,732	26.3	16,704,125	10,692,710	6,011,415	56.2	15,298,744	91.6	1,405,381	8.4
Oklahoma	73,126	38.4	9,837,541	[1] 3,675,520	6,162,021	167.7	7,963,617	81.0	1,873,924	19.0
Texas	160,538	38.4	25,784,501	12,331,905	13,452,596	109.1	22,653,397	87.9	3,131,104	12.1
MOUNTAIN:										
Montana	12,482	47.6	10,930,477	5,077,340	5,853,137	115.3	8,258,350	75.6	2,672,127	24.4
Idaho	15,715	51.0	6,701,604	2,250,450	4,451,154	197.8	5,573,209	83.2	1,128,395	16.8
Wyoming	5,450	49.6	6,174,164	2,615,230	3,558,934	136.1	4,555,847	73.8	1,618,317	26.2
Colorado	22,179	48.0	10,818,465	4,100,905	6,717,560	163.8	8,770,753	81.1	2,047,712	18.9
New Mexico	13,124	36.8	3,645,423	1,951,110	1,694,313	86.8	2,985,826	81.9	659,597	18.1
Arizona	3,300	35.8	2,504,984	1,152,670	1,352,314	117.3	2,061,462	82.3	443,522	17.7
Utah	11,805	54.5	3,169,917	1,837,900	1,332,017	72.5	2,863,709	90.3	306,208	9.7
Nevada	1,776	66.0	2,993,978	1,386,650	1,607,328	115.9	2,315,496	77.3	678,482	22.7
PACIFIC:										
Washington	29,965	53.3	15,370,931	5,280,190	10,090,741	191.1	12,602,203	82.0	2,768,728	18.0
Oregon	24,229	53.2	11,101,864	4,842,834	6,259,030	129.2	9,110,241	82.1	1,991,623	17.9
California	55,887	63.4	49,976,199	25,845,120	24,131,079	93.4	42,205,915	84.5	7,770,284	15.5

[1] Includes Indian Territory.

PER CENT DISTRIBUTION OF TOTAL EXPENDITURES FOR LABOR AND FERTILIZERS, AND AVERAGES PER FARM REPORTING, AND PER ACRE OF ALL LAND AND OF IMPROVED LAND IN FARMS: 1909 AND 1899.

Table 28

DIVISION OR STATE.	PER CENT OF UNITED STATES TOTAL.								AVERAGE ACRES PER FARM.				EXPENDITURES FOR LABOR.					EXPENDITURES FOR FERTILIZERS.				
	All land in farms.		Improved land in farms.		Amount expended for labor.		Amount expended for fertilizers.		All land in farms.		Improved land in farms.		Average per farm reporting.	Average per acre.[1]				Average per farm reporting.	Average per acre.[1]			
														All land in farms.		Improved land in farms.			All land in farms.		Improved land in farms.	
	1910	1900	1910	1900	1909	1899	1909	1899	1910	1900	1910	1900	1909	1909	1899	1909	1899	1909	1909	1899	1909	1899
United States	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**138.1**	**146.2**	**75.2**	**72.2**	**$223**	**$0.74**	**$0.43**	**$1.36**	**$0.86**	**$63**	**$0.13**	**$0.06**	**$0.24**	**$0.13**
GEOGRAPHIC DIVISIONS:																						
New England	2.24	2.45	1.52	1.96	5.29	5.80	8.19	8.04	104.4	107.1	38.4	42.4	277	1.75	1.01	4.76	2.55	82	0.48	0.21	1.30	0.53
Middle Atlantic	4.91	5.35	6.13	7.43	11.97	14.12	15.86	21.23	92.2	92.4	62.6	63.4	253	1.81	1.13	2.66	1.64	68	0.42	0.25	0.62	0.37
East North Central	13.42	13.87	18.59	20.91	18.09	18.90	7.01	10.98	105.0	102.4	79.2	76.3	199	1.00	0.58	1.33	0.78	37	0.07	0.05	0.09	0.07
West North Central	26.47	23.97	34.34	32.72	20.86	21.20	0.86	2.63	209.6	189.5	148.0	127.9	240	0.58	0.38	0.83	0.56	41	(2)	0.01	0.01	0.01
South Atlantic	11.81	12.44	10.13	11.12	10.22	10.38	51.90	42.55	93.3	108.4	43.6	47.9	142	0.64	0.36	1.37	0.80	77	0.57	0.22	1.23	0.49
East South Central	9.28	9.69	9.19	9.71	5.42	5.48	11.23	9.99	78.2	89.9	42.2	44.5	107	0.43	0.24	0.80	0.49	37	0.16	0.07	0.29	0.13
West South Central	19.25	21.05	12.18	9.59	9.20	8.30	2.81	2.57	179.3	233.8	61.8	52.7	178	0.35	0.17	1.03	0.75	53	0.02	0.01	0.06	0.03
Mountain	6.77	5.53	3.33	2.03	7.20	5.70	0.14	0.14	324.5	457.9	80.8	82.9	547	0.79	0.44	2.95	2.42	67	(2)	(2)	0.01	0.01
Pacific	5.84	5.65	4.61	4.52	11.73	10.06	2.00	1.80	270.3	334.8	116.1	132.5	694	1.49	0.76	3.47	1.92	189	0.04	0.02	0.10	0.05
NEW ENGLAND:																						
Maine	0.72	0.75	0.49	0.58	0.86	0.75	3.54	1.53	104.9	106.2	39.3	40.3	151	0.89	0.42	2.39	1.12	102	0.65	0.13	1.72	0.34
New Hampshire	0.37	0.43	0.19	0.26	0.52	0.64	0.45	0.69	120.1	123.1	34.3	36.7	194	1.04	0.64	3.63	2.14	33	0.16	0.10	0.55	0.34
Vermont	0.53	0.56	0.34	0.51	0.73	0.88	0.50	0.84	142.6	142.7	50.0	64.2	218	1.02	0.66	2.91	1.47	30	0.12	0.09	0.35	0.21
Massachusetts	0.33	0.38	0.24	0.31	1.86	2.09	1.71	2.47	77.9	83.4	31.5	34.3	452	4.21	2.38	10.39	5.79	91	0.68	0.42	1.69	1.02
Rhode Island	0.05	0.05	0.04	0.05	0.27	0.29	0.29	0.49	83.8	82.9	33.7	34.1	500	3.97	2.27	9.88	5.51	101	0.76	0.58	1.88	1.41
Connecticut	0.25	0.28	0.21	0.26	1.06	1.15	1.70	2.02	81.5	85.8	30.9	39.5	383	3.15	1.77	6.96	3.85	125	0.89	0.47	1.98	1.01
MIDDLE ATLANTIC:																						
New York	2.51	2.70	3.10	3.76	6.34	7.58	6.22	8.41	102.2	99.9	68.8	68.8	285	1.88	1.20	2.78	1.74	63	0.32	0.20	0.48	0.29
New Jersey	0.29	0.34	0.38	0.48	1.70	1.88	3.72	4.05	76.9	82.0	53.9	57.1	473	4.31	2.37	6.15	3.40	181	1.66	0.76	2.37	1.10
Pennsylvania	2.11	2.31	2.65	3.19	3.93	4.66	5.92	8.77	84.8	86.4	57.8	58.9	184	1.38	0.86	2.02	1.26	52	0.37	0.24	0.54	0.35
EAST NORTH CENTRAL:																						
Ohio	2.74	2.92	4.02	4.64	3.93	4.06	3.64	5.04	88.6	88.5	70.7	69.5	176	1.06	0.59	1.33	0.75	35	0.17	0.11	0.22	0.14
Indiana	2.42	2.58	3.54	4.02	2.71	2.71	1.91	2.91	98.8	97.4	78.6	75.2	170	0.83	0.45	1.04	0.58	40	0.10	0.07	0.13	0.09
Illinois	3.70	3.91	5.86	6.68	5.57	6.21	0.54	1.55	120.1	124.2	111.4	104.9	259	1.12	0.68	1.29	0.80	55	0.02	0.03	0.02	0.03
Michigan	2.16	2.09	2.68	2.85	2.93	3.00	0.82	0.92	91.5	86.4	62.0	58.0	170	1.01	0.61	1.49	0.91	30	0.05	0.03	0.07	0.04
Wisconsin	2.40	2.37	2.49	2.71	2.95	2.93	0.11	0.55	118.9	117.0	67.2	66.2	211	0.91	0.53	1.61	0.93	43	0.01	0.01	0.01	0.03
WEST NORTH CENTRAL:																						
Minnesota	3.15	3.13	4.11	4.45	3.43	4.00	0.06	0.47	177.3	169.7	125.8	119.2	235	0.81	0.63	1.14	0.90	52	(2)	0.01	(2)	0.01
Iowa	3.86	4.12	6.16	7.21	3.80	4.58	0.10	0.63	156.3	151.2	135.9	130.8	228	0.73	0.47	0.84	0.55	62	(2)	0.01	(2)	0.01
Missouri	3.04	4.05	5.14	5.52	2.86	2.74	0.58	0.69	124.8	119.3	88.7	80.4	154	0.54	0.29	0.76	0.43	36	0.02	0.01	0.03	0.02
North Dakota	3.23	1.85	4.28	2.33	3.34	2.58	0.01	0.03	382.3	342.9	275.1	212.8	475	0.76	0.59	1.06	0.95	57	(2)	(2)	(2)	(2)
South Dakota	2.96	2.27	3.31	2.72	1.97	1.55	0.01	0.02	335.1	362.4	203.8	214.5	312	0.49	0.29	0.81	0.49	61	(2)	(2)	(2)	(2)
Nebraska	4.39	3.57	5.10	4.45	2.31	2.07	0.03	0.20	297.8	246.1	188.0	151.7	240	0.39	0.25	0.62	0.40	84	(2)	0.01	(2)	0.01
Kansas	4.04	4.97	6.25	6.04	3.16	3.02	0.07	0.50	244.0	240.7	168.2	144.7	223	0.47	0.26	0.69	0.43	53	(2)	0.01	(2)	0.01
SOUTH ATLANTIC:																						
Delaware	0.12	0.13	0.15	0.18	0.25	0.30	0.75	1.01	95.9	110.1	65.8	77.8	236	1.55	1.01	2.26	1.43	96	0.83	0.51	1.21	0.71
Maryland	0.58	0.62	0.70	0.85	1.35	1.60	2.95	4.90	103.4	112.4	68.6	76.4	275	1.74	1.11	2.62	1.63	91	0.67	0.51	1.01	0.74
District of Columbia	.....	.....	.....	.....	0.04	0.06	0.01	0.04	27.9	31.6	23.7	22.1	1,036	39.30	23.26	46.53	33.27	220	2.80	2.66	3.31	3.81
Virginia	2.22	2.37	2.06	2.44	2.05	2.18	6.03	6.89	105.9	118.6	53.6	60.1	158	0.68	0.39	1.35	0.77	62	0.36	0.18	0.70	0.36
West Virginia	1.14	1.27	1.15	1.33	0.62	0.57	0.46	0.70	103.7	114.7	57.1	59.2	92	0.40	0.19	0.73	0.37	22	0.05	0.04	0.10	0.07
North Carolina	2.55	2.71	1.84	2.01	1.42	1.52	10.67	8.38	88.4	101.3	34.7	37.1	95	0.41	0.24	1.05	0.65	67	0.55	0.20	1.39	0.54
South Carolina	1.54	1.67	1.27	1.39	1.65	1.71	13.20	8.41	76.6	90.0	34.6	37.2	155	0.80	0.44	1.77	1.06	108	1.12	0.32	2.49	0.78
Georgia	3.07	3.15	2.57	2.50	2.03	2.03	14.68	10.74	92.6	117.5	42.3	47.2	116	0.49	0.27	1.07	0.68	71	0.63	0.22	1.37	0.54
Florida	0.60	0.52	0.38	0.36	0.82	0.41	3.14	1.41	105.0	106.9	36.1	37.0	253	1.02	0.34	2.97	0.97	121	0.69	0.17	2.00	0.50
EAST SOUTH CENTRAL:																						
Kentucky	2.52	2.62	3.00	3.32	1.88	1.85	1.18	1.70	85.6	93.7	55.4	58.6	134	0.55	0.30	0.85	0.48	24	0.06	0.04	0.09	0.07
Tennessee	2.28	2.43	2.28	2.47	1.30	1.32	1.00	1.68	81.5	90.6	44.3	45.6	95	0.42	0.23	0.78	0.46	23	0.06	0.04	0.11	0.09
Alabama	2.36	2.47	2.03	2.09	1.14	1.21	6.64	4.86	78.9	92.7	36.9	38.8	89	0.36	0.21	0.77	0.50	47	0.37	0.13	0.79	0.30
Mississippi	2.11	2.18	1.88	1.83	1.10	1.10	2.35	1.74	67.6	82.6	32.8	34.4	109	0.39	0.21	0.80	0.52	34	0.15	0.05	0.30	0.12
WEST SOUTH CENTRAL:																						
Arkansas	1.98	1.98	1.69	1.68	1.17	0.89	0.52	0.32	81.1	93.1	37.6	38.9	108	0.44	0.19	0.95	0.46	27	0.03	0.01	0.07	0.02
Louisiana	1.19	1.32	1.10	1.13	2.56	2.99	1.75	2.02	86.6	95.4	43.8	40.2	526	1.60	0.97	3.17	2.29	91	0.19	0.10	0.38	0.23
Oklahoma	3.28	2.74	3.07	2.07	1.51	1.03	0.03	.....	151.7	212.9	92.3	79.4	135	0.34	0.16	0.56	0.43	47	(2)	.....	(2)	.....
Texas	12.79	15.00	5.72	4.72	3.96	3.45	0.52	0.23	269.1	357.2	65.5	55.6	161	0.23	0.10	0.94	0.63	37	0.01	(2)	0.02	0.01
MOUNTAIN:																						
Montana	1.54	1.41	0.76	0.42	1.68	1.42	0.01	0.01	516.7	885.9	138.9	129.9	876	0.81	0.43	3.00	2.92	138	(2)	(2)	(2)	(2)
Idaho	0.60	0.38	0.58	0.34	1.03	0.63	0.02	0.03	171.5	183.4	90.2	80.9	426	1.27	0.70	2.41	1.59	87	(2)	0.01	0.01	0.01
Wyoming	0.97	0.97	0.26	0.19	0.95	0.73	(2)	0.02	777.6	1,333.0	114.3	130.0	1,133	0.72	0.32	4.92	3.30	161	(2)	(2)	(2)	0.02
Colorado	1.54	1.13	0.90	0.55	1.66	1.15	0.05	0.04	293.1	383.6	93.2	92.1	488	0.80	0.43	2.51	1.80	109	(2)	(2)	0.01	0.01
New Mexico	1.28	0.61	0.31	0.08	0.56	0.55	0.02	0.01	315.9	416.8	41.1	26.6	278	0.32	0.38	2.48	5.97	31	(2)	(2)	0.02	0.01
Arizona	0.14	0.28	0.07	0.06	0.38	0.32	0.01	0.01	135.1	333.2	38.0	43.8	759	2.01	0.60	7.15	4.53	184	(2)	(2)	0.02	0.01
Utah	0.39	0.49	0.29	0.25	0.49	0.51	0.02	0.03	156.7	212.4	63.1	53.2	269	0.93	0.45	2.32	1.78	35	0.01	(2)	0.01	0.01
Nevada	0.31	0.31	0.16	0.14	0.46	0.39	0.01	.....	1,009.6	1,174.7	279.7	262.3	1,680	1.10	0.54	3.98	2.42	239	(2)	.....	0.01	.....
PACIFIC:																						
Washington	1.33	1.01	1.33	0.84	2.36	1.48	0.08	0.05	208.4	256.0	113.4	104.4	513	1.31	0.62	2.41	1.52	48	0.01	(2)	0.01	0.01
Oregon	1.33	1.20	0.89	0.80	1.70	1.36	0.06	0.05	256.8	281.0	93.9	92.9	458	0.95	0.48	2.60	1.46	24	0.01	(2)	0.02	0.01
California	3.18	3.44	2.38	2.88	7.67	7.23	1.87	1.75	316.7	397.4	129.1	164.9	894	1.79	0.90	4.39	2.16	287	0.08	0.03	0.19	0.08

[1] Based on acreage of all farms in 1910.

[2] Less than 1 cent.