CHAPTER X

LIVE-STOCK PRODUCTS

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CHAPTER X.—LIVE-STOCK PRODUCTS

INCLUDING YOUNG ANIMALS RAISED AND DOMESTIC ANIMALS SLAUGHTERED ON FARMS.

Introduction.—This chapter presents the statistics for live-stock products which were collected at the census of 1920, the figures representing the production of the calendar year 1919—the year which came to a close just preceding the date of the census. Statistics are included for young animals (calves, pigs, and lambs) raised on farms in 1919, and for domestic animals (cattle, swine, and sheep) slaughtered on farms; and an estimate of the total value of domestic animals sold or slaughtered on farms in 1919 is also presented.

The data for live-stock products are presented in four groups, comprising dairy products, wool and mohair, eggs and chickens, and honey and wax.

Comparative figures for the individual products are given for all of the earlier censuses for which they are available. In the case of butter and cheese, for example, fairly satisfactory figures are available for the farm production for each census year beginning with 1849. For other items, such as mohair produced and butter fat sold, comparative figures are available for only one or two censuses prior to 1919.

While a certain amount of information with regard to the number of dairy cows, sheep, goats, chickens, and hives of bees on farms in 1920 is given in connection with the figures for the farm products, the reader is referred for more detailed information with regard to live stock on hand and for comparative figures, to Chapter IX, entitled "Live Stock on Farms and Elsewhere."

Farm value of live-stock products: 1919 and 1909.—The Thirteenth Census schedule called for the total value as well as the total quantity of all live-stock products, whether sold or consumed on the farm. The 1909 values are therefore based directly on the reported figures. But in the Fourteenth Census schedule the question as to value in the case of dairy products, eggs, and chickens was restricted to the amounts sold. The 1919 value of butter made on farms has been computed on the basis of the average value received per pound for butter sold; the values of eggs produced and chickens raised have been computed in a similar way. The values of cheese made on farms and of honey and wax produced have been computed on the basis of average values per pound secured through the Bureau of Crop Estimates of the Department of Agriculture.

Summary for all live-stock products.—Figures are presented in Table 1 for all of the live-stock products covered by this report (except the total production of milk, which is represented by the various milk products).

TABLE 1.—QUANTITY AND VALUE OF LIVE-STOCK PRODUCTS OF FARMS IN THE UNITED STATES: 1919 AND 1909.

[Figures for divisions and states in Tables 3, 8, 11, 14, 15, 16, 22, 23, 27, 29, and 34.]

ITEM.	QUANTITY.					VALUE.			
	Unit.	1919	1909	Increase.[1] Amount.	Increase.[1] Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.
Total						$2,667,072,273	$1,177,974,703	$1,489,097,570	126.4
Dairy products[2]						1,481,462,091	596,413,463	885,048,628	148.4
Butter made on farms	Lbs.	707,666,492	994,650,610	−286,984,118	−28.9	346,355,759	222,861,440	123,494,319	55.4
Cheese made on farms	Lbs.	6,371,396	9,405,864	−3,034,468	−32.3	2,268,025	1,148,708	1,119,317	97.4
Milk sold	Gals.	2,529,331,413	1,937,255,864	592,075,549	30.6	717,380,222	252,436,757	464,943,465	184.2
Cream sold	Gals.	82,247,580	54,933,583	27,313,997	49.7	111,905,929	37,655,047	74,250,882	197.2
Butter fat sold	Lbs.	532,244,072	305,662,587	226,581,485	74.1	303,552,156	82,311,511	221,240,645	268.8
Butter sold	Lbs.	207,859,564	415,080,489	−207,220,925	−49.9	106,973,742	100,378,123	6,595,619	6.6
Wool and mohair						124,006,859	66,373,925	57,632,934	86.8
Wool produced[3]	Lbs.	228,795,354	289,419,977	−60,624,623	−20.9	120,417,549	65,472,328	54,945,221	83.9
Mohair produced	Lbs.	6,808,890	3,778,706	3,030,184	80.2	3,589,310	901,597	2,687,713	298.1
Eggs and chickens						1,047,323,170	509,195,232	538,127,938	105.7
Chicken eggs produced[3]	Doz.	1,654,044,932	1,574,979,416	79,065,516	5.0	661,082,803	[4] 306,688,960		
Chickens raised[3]	No.	473,301,959	460,611,201	12,690,758	2.8	386,240,367	[5] 202,506,272		
Honey and wax						14,280,153	5,992,083	8,288,070	138.3
Honey produced	Lbs.	55,224,061	54,814,890	409,171	0.7	13,988,670	5,762,869	8,225,801	142.7
Wax produced	Lbs.	820,529	904,867	−84,338	−9.3	291,483	229,214	62,269	27.2

[1] A minus sign (−) denotes decrease.
[2] Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.
[3] Estimates have been made for incomplete reports, as where a farmer reported sheep but no wool production, or chickens but no egg production. Chicken eggs and chickens for 1909 also involve estimated deductions from the published figures of the Thirteenth Census, which included all eggs and all kinds of fowls raised.
[4] Value of all eggs produced. The estimated value of chicken eggs produced in 1909 was $303,296,012.
[5] Value of all fowls raised. The estimated value of chickens raised in 1909 was $184,902,527.

TABLE 2.—LIVE-STOCK PRODUCTS OF FARMS IN THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 8, 9, 11, 12, 14, 17, 18, 22, 23, 24, 27, 29, 30, 31, 32, 34, and 36.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Dairy products.								
Butter made on farms:								
Quantity.....pounds..	707,666,492	994,650,610	1,071,626,056	1,024,223,468	777,250,287	514,092,683	459,081,372	313,345,306
Value	$346,355,759	$222,861,440						
Cheese made on farms:								
Quantity.....pounds..	6,371,396	9,405,864	16,372,318	18,726,818	27,272,489	53,492,153	103,663,927	105,535,893
Value	$2,268,025	$1,148,708						
Milk sold:								
Quantity.....gallons..	2,529,331,413	1,937,255,864	2,134,830,207		530,129,755	235,500,599		
Value	$717,380,222	$252,436,757	$184,817,119					
Cream sold:								
Quantity.....gallons..	82,247,580	54,933,583	20,768,662					
Value	$111,905,929	$37,655,047	$8,838,776					
Butter fat sold:								
Quantity.....pounds..	532,244,072	305,662,587						
Value	$303,552,156	$82,311,511						
Butter sold:								
Quantity.....pounds..	207,859,564	415,080,489	518,042,767					
Value	$106,973,742	$100,378,123	$86,570,973					
Cheese sold:								
Quantity.....pounds..	(1)	8,136,901	14,692,542					
Value	(1)	$987,974	$1,342,444					
Wool and mohair.								
Wool produced:								
Quantity [2].....pounds..	228,795,354	289,419,977	276,567,584	191,278,084	155,681,751	100,102,387	60,264,913	52,516,959
Value [2]	$120,417,549	$65,472,328	$45,670,053					
Mohair produced:								
Quantity.....pounds..	6,808,890	3,778,706	961,328					
Value	$3,689,310	$901,597	$267,864					
Poultry products. [3]								
Eggs produced:								
Quantity [4].....dozens..	1,654,044,932	1,591,311,371	1,293,662,433	819,722,916	456,910,916			
Value [4]	$661,082,803	$306,688,960	$144,240,541					
Eggs sold:								
Quantity.....dozens..	1,010,813,258	926,465,787						
Value	$404,562,912	$180,768,249						
Fowls raised:								
Number [4]	473,301,959	488,468,354	250,624,038	285,609,440	125,507,322			
Value [4]	$386,240,367	$202,506,272	$136,830,152					
Fowls sold:								
Number	140,811,045	153,600,169						
Value	$119,722,603	$75,273,524						
Honey and wax.								
Honey produced:								
Quantity.....pounds..	55,224,061	54,814,890	61,099,290	63,897,327	25,743,208	14,702,815	24,566,357	[5] 14,853,790
Value	$13,988,670	$5,762,869	[6] $6,656,611					
Wax produced:								
Quantity.....pounds..	820,529	904,867	1,763,595	1,166,588	1,105,089	631,129	1,322,787	
Value	$291,483	$229,214						

[1] No data for cheese sold in 1919.
[2] Figures for 1919, 1909, and 1899 include estimates for farms reporting sheep on hand but no wool production. Figures for 1879 are exclusive of the wool obtained from the fall clip of 7,000,000 range sheep.
[3] Figures for 1919 represent the products of chickens only, while those for earlier census years include the products of all kinds of poultry.
[4] Figures for 1919, 1909, and 1899 include estimates for farms reporting fowls on hand but no eggs produced or no fowls raised.
[5] Production of honey and wax.
[6] Value of honey and wax.

The value of the live-stock products produced on farms in the United States in 1919 (not including live stock sold or slaughtered) was $2,667,072,273. This figure does not include the absolute total value of dairy products, since it has not been found practicable to ascertain (or to estimate) the value of milk or cream consumed as such on the farms where produced. With this exception, however, the total may be considered a satisfactory index of this branch of agriculture.

The value of live-stock products, as reported for 1909, was $1,177,974,703. In comparison with this figure, the value shown for 1919 represents an increase of 126.4 per cent. A more exact comparison (one which it was not practicable to carry through the detailed tables, however) can be made by deducting from the 1909 total the estimated value of two items not included in the reports for 1919, namely, eggs produced by fowls other than chickens and such fowls raised. The 1909 total, excluding this estimate, is $1,156,978,010, in comparison with which the 1919 value represents an increase of 130.5 per cent. Since there was an increase of 112 per cent, however, in the average value of live-stock products per unit in 1919 as compared with 1909 (that is, in the price index for the group), it is evident that the greater part of the increase in the total value was the result of the higher prices which prevailed during the year 1919. Dividing the index of the total value (230.5) by the index representing the price level (212), it appears that the increase in the aggregate quantity of live-stock products between 1909 and 1919 was about 9 per cent.

The value of domestic animals sold by farmers plus the value of domestic animals slaughtered on farms in 1909 was $1,833,175,487. This item was not called for by the 1920 schedule, but the value for 1919 has been estimated at $3,511,050,000.

TABLE 3.—VALUE OF LIVE-STOCK PRODUCTS OF FARMS, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	TOTAL.		DAIRY PRODUCTS.[1]		WOOL AND MOHAIR.[2]		EGGS AND CHICKENS.[3]		HONEY AND WAX.	
	1919	1909	1919	1919	1919	1909	1919	1909	1919	1909
United States	**$2,667,072,273**	**$1,177,974,703**	**$1,481,462,091**	**$596,413,463**	**$124,006,859**	**$66,373,925**	**$1,047,323,170**	**$509,195,232**	**$14,280,153**	**$5,992,083**
GEOGRAPHIC DIVISIONS:										
New England	182,411,030	73,922,170	98,725,445	50,720,766	855,060	575,852	82,603,758	22,517,029	226,767	108,523
Middle Atlantic	412,960,765	192,977,646	298,511,901	130,772,563	4,248,690	2,495,091	108,751,458	59,034,629	1,448,716	675,363
East North Central	721,387,462	298,143,600	448,600,891	159,673,557	20,933,860	14,286,422	249,814,285	123,210,787	2,038,426	972,834
West North Central	550,742,614	245,673,372	263,048,219	108,824,533	15,468,458	6,153,965	270,158,753	129,830,507	2,067,184	864,367
South Atlantic	204,301,963	89,426,168	88,626,610	35,578,455	3,252,334	1,962,242	110,631,263	50,959,642	1,791,756	925,829
East South Central	159,643,789	73,815,566	70,130,277	30,200,917	2,899,359	1,652,264	85,188,095	41,412,242	1,426,058	550,143
West South Central	181,346,648	79,880,253	71,883,975	32,394,027	11,087,843	2,915,313	97,019,133	44,077,140	1,405,697	493,773
Mountain	121,132,969	55,917,961	41,070,484	12,991,603	47,965,993	29,395,684	30,016,279	12,955,691	2,080,213	574,983
Pacific	183,145,033	68,217,967	100,914,289	35,257,042	17,295,262	6,937,092	63,140,146	25,197,565	1,795,336	826,268
NEW ENGLAND:										
Maine	26,075,219	13,613,815	17,772,370	8,079,692	412,728	266,287	7,815,871	5,247,150	74,250	20,686
New Hampshire	14,681,368	8,583,337	10,224,888	5,589,711	95,691	57,651	4,341,810	2,922,352	18,979	13,623
Vermont	31,573,340	14,821,352	27,207,813	12,128,465	250,977	192,138	4,038,495	2,474,583	76,055	26,166
Massachusetts	33,850,892	21,932,652	24,765,522	15,187,774	56,003	34,179	9,004,007	6,691,523	25,360	19,176
Rhode Island	5,367,881	3,406,278	3,830,881	2,065,941	8,405	6,836	1,526,891	1,330,542	1,704	2,959
Connecticut	20,862,330	11,564,736	14,923,971	7,669,183	31,256	18,761	5,876,684	3,850,879	30,419	25,913
MIDDLE ATLANTIC:										
New York	225,465,739	104,867,285	179,695,810	77,807,161	1,977,598	1,165,588	42,841,499	25,504,894	950,832	389,642
New Jersey	31,482,945	17,951,089	19,198,718	10,156,600	32,071	22,538	12,200,716	7,749,034	51,440	22,917
Pennsylvania	156,012,081	70,159,272	99,617,373	42,808,802	2,239,021	1,306,965	53,709,243	25,780,701	446,444	262,804
EAST NORTH CENTRAL:										
Ohio	155,587,919	68,500,279	81,148,586	30,869,408	10,075,214	6,750,689	64,109,133	30,746,291	254,986	133,891
Indiana	99,350,023	44,319,539	44,072,646	16,666,374	2,322,127	1,534,108	52,765,970	26,013,342	189,280	105,715
Illinois	142,351,262	67,390,680	71,998,333	31,542,209	2,219,526	1,303,226	67,690,085	34,344,482	443,318	200,763
Michigan	111,076,235	48,380,551	71,074,727	26,727,538	4,623,778	3,430,032	34,960,771	17,926,239	416,959	296,742
Wisconsin	213,022,023	69,552,551	180,300,599	53,868,028	1,693,215	1,268,367	30,288,326	14,180,433	733,883	235,723
WEST NORTH CENTRAL:										
Minnesota	113,236,965	44,645,205	77,870,358	29,219,406	1,559,256	818,853	33,438,496	14,482,329	368,855	124,617
Iowa	130,250,447	66,053,869	55,408,744	31,196,883	3,765,909	1,420,972	70,212,544	33,150,585	863,250	285,429
Missouri	105,601,436	49,839,077	34,752,845	13,685,318	4,217,400	1,961,398	66,271,029	33,918,187	360,162	274,174
North Dakota	30,979,932	9,832,117	19,576,343	4,872,304	913,551	381,855	10,486,386	4,576,089	3,652	1,869
South Dakota	35,739,209	13,660,311	16,812,347	6,192,608	2,761,265	847,402	16,050,023	6,599,858	115,574	20,443
Nebraska	54,612,075	24,961,343	23,706,963	10,566,275	1,230,427	464,785	29,500,431	13,856,885	174,254	73,398
Kansas	80,322,550	36,681,450	34,920,619	13,091,739	1,020,650	258,700	44,199,844	23,246,574	181,437	84,437
SOUTH ATLANTIC:										
Delaware	5,778,747	2,910,412	2,553,175	1,089,497	8,949	5,177	3,210,157	1,807,503	6,466	8,235
Maryland	25,522,172	11,967,668	13,407,526	5,480,900	320,180	200,383	11,737,629	6,247,141	56,837	39,244
District of Columbia	119,263	142,191	81,484	117,335	.....	.....	37,684	24,379	95	477
Virginia	46,311,494	21,473,064	19,167,935	7,704,326	914,713	567,299	25,879,870	13,027,512	348,976	173,927
West Virginia	26,332,970	11,984,911	11,390,209	5,000,138	1,593,776	842,254	13,042,688	5,910,889	306,297	231,630
North Carolina	35,860,056	14,904,898	14,912,137	5,789,583	185,223	131,193	20,406,603	8,753,536	356,093	230,586
South Carolina	20,354,060	7,611,077	7,995,753	2,800,605	36,117	20,560	12,204,752	4,710,976	117,438	78,936
Georgia	36,401,316	14,933,151	16,757,195	6,621,585	93,639	118,048	19,218,622	8,091,630	331,860	101,888
Florida	7,621,885	3,498,796	2,361,196	974,486	99,737	77,328	4,893,258	2,386,076	267,694	60,906
EAST SOUTH CENTRAL:										
Kentucky	50,928,217	24,776,564	22,487,710	9,055,813	1,775,201	976,385	26,210,759	14,542,124	454,547	202,242
Tennessee	50,960,694	22,398,336	20,640,849	8,715,441	733,980	467,512	29,065,336	13,032,321	520,529	183,062
Alabama	30,426,993	13,513,006	15,229,517	6,396,198	134,827	85,915	14,779,501	6,930,916	283,148	99,977
Mississippi	27,327,885	13,127,660	11,772,201	6,033,465	255,351	122,452	15,132,499	6,906,881	167,834	64,862
WEST SOUTH CENTRAL:										
Arkansas	30,083,950	14,115,791	13,445,124	6,587,428	191,607	87,561	16,245,102	7,327,834	202,117	112,968
Louisiana	13,613,465	7,286,958	4,509,985	2,761,380	205,988	99,650	8,835,402	4,392,017	62,090	33,911
Oklahoma	49,887,518	20,379,510	20,878,920	7,365,295	268,724	57,541	28,635,007	12,932,578	104,867	24,096
Texas	87,761,715	38,097,994	32,999,946	15,679,924	10,421,524	2,670,561	43,303,622	19,424,711	1,036,623	322,798
MOUNTAIN:										
Montana	24,809,029	12,749,555	7,534,413	2,093,594	10,231,133	8,225,810	6,883,213	2,408,216	160,270	21,935
Idaho	22,225,355	7,749,434	8,065,646	1,962,500	8,753,178	3,349,421	5,062,276	2,349,131	344,255	88,382
Wyoming	14,004,109	10,234,548	2,143,020	539,423	9,574,466	8,916,476	2,021,979	761,924	264,644	16,725
Colorado	26,921,292	9,705,676	12,674,036	4,174,270	4,888,684	1,460,027	8,773,648	3,837,045	584,924	234,334
New Mexico	8,447,826	5,045,808	2,134,987	726,692	4,088,528	3,228,129	2,102,831	1,051,348	121,480	39,639
Arizona	6,294,886	2,769,881	2,745,329	909,411	1,632,517	1,046,881	1,699,064	756,336	217,976	57,203
Utah	13,735,823	5,664,682	4,809,087	2,067,534	5,787,419	2,105,067	2,887,570	1,412,318	251,747	79,763
Nevada	4,694,649	1,998,377	963,966	518,179	3,010,068	1,063,873	585,698	379,323	134,917	37,002
PACIFIC:										
Washington	44,066,349	15,538,705	27,620,231	8,746,041	2,258,739	541,374	13,779,958	6,184,899	407,421	66,391
Oregon	35,146,671	14,401,942	17,651,409	6,067,024	8,230,902	3,910,951	9,018,444	4,329,457	245,916	94,510
California	103,932,013	38,277,320	55,642,649	20,443,977	6,805,621	2,484,767	40,341,744	14,683,209	1,141,999	665,367

[1] Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.
[2] The figures represent the value of the total production of wool, including estimates for farms with incomplete reports, plus the value of mohair, as reported.
[3] The products shown for 1919 include chicken eggs and chickens only, while the 1909 figures include the products of all kinds of poultry. The figures represent the value of the total production of eggs and chickens (or fowls), including estimates for farms with incomplete reports.

DAIRY PRODUCTS.

While many farmers make the dairy business the main or an important feature of their operations, yet for the great majority it is more or less incidental, in which case only small quantities of products are available for the market. In very many cases cows are kept chiefly to supply milk and butter for the farmer's family. On many of the specialized dairy farms detailed records of dairy products are kept, so that very complete and accurate reports can be made. On the great majority of farms, however, where no dairy products are sold or where the sales are small, such records are seldom kept, and the farmers are usually able to make only rough estimates, 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 during a year, particularly because farmers frequently neglect to report the milk produced for home use or underestimate the quantity of such milk.

Dairy cows: 1920 and 1910.—In 1910 the census called for "cows and heifers kept for milk" and "cows and heifers *not* kept for milk." The instructions read: "Report as cows kept for milk those whose milk is used in some form for human food. Cows milked for three months during the year should be reported as *kept for milk*, although a part of the year they run with their calves."

In 1920 the census called for "dairy cattle" and "beef cattle." Dairy cattle were defined as those "kept *mainly* for milk production," and the following instructions were given the enumerators: "Classify all cattle as beef cattle or as dairy cattle according to the principal purpose for which they are kept." It is believed that under this rule the fully established dairy and beef breeds have been properly reported, with few errors, and that cattle of the dual-purpose breeds or of no definite breeding were usually placed in one class or the other, according to the principal purpose for which they were kept.

In states where cattle are raised extensively for beef production, the 1920 definition has without question given a smaller proportion of dairy cows (and a larger proportion of beef cows) than the 1910 definition would have done. In states where beef cattle are of minor importance, however, the change in definition appears to have had very little effect on the relative numbers of cows in the two classes.

A change was also made between 1910 and 1920 in the age limits of the class briefly designated as "dairy cows." In 1910 all cows and heifers "born before January 1, 1909," were included; this would be roughly equivalent to a classification including all dairy cows and heifers 1 year old and over on January 1, 1910. In 1920, however, only those animals 2 years old and over on the census date (January 1, 1920) were classified as dairy cows.

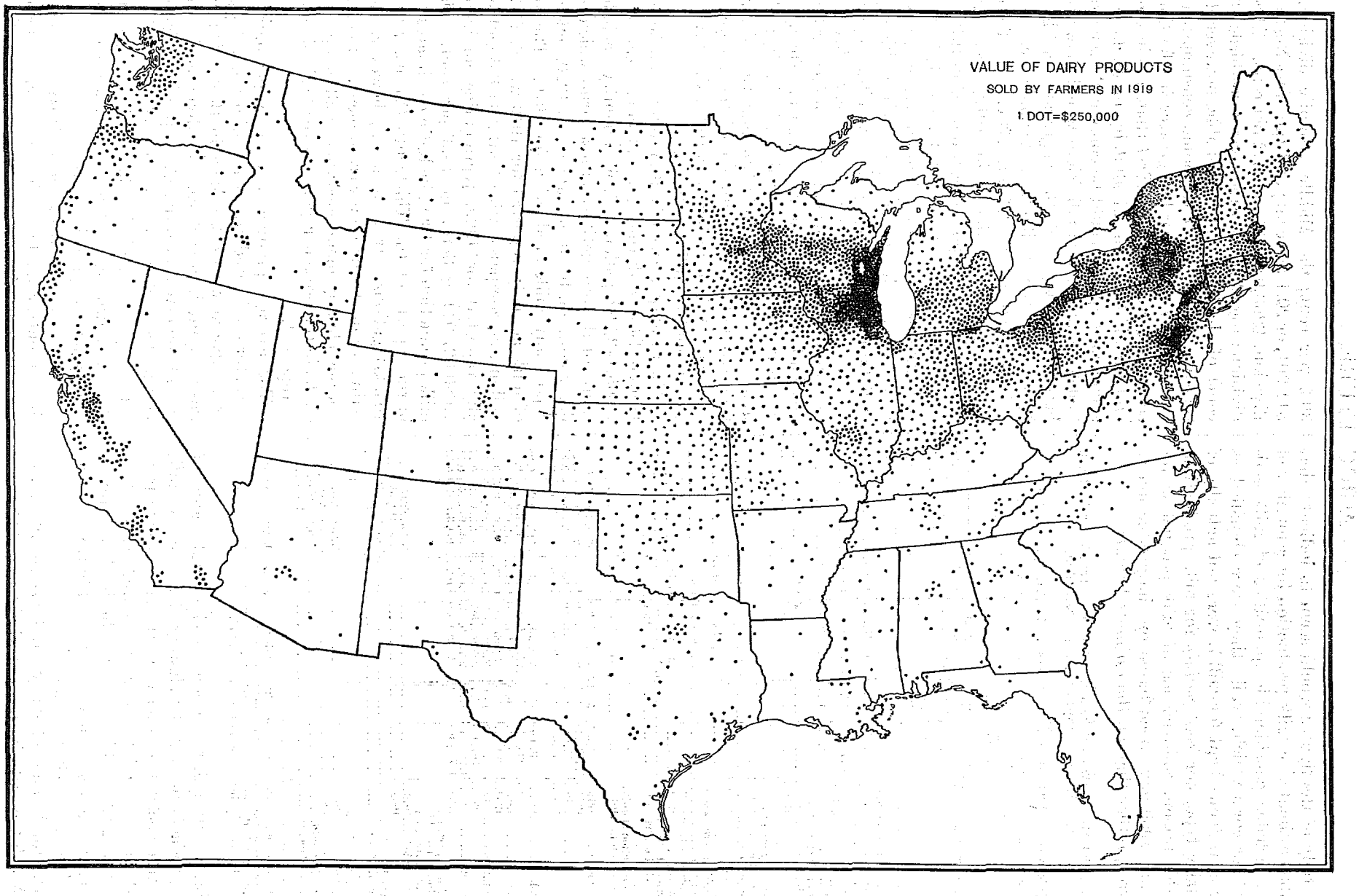
In view of the fact that most of the heifers in the youngest group included in the 1920 classification—heifers 2 years old and under 3 years—would be within a few months of 3 years old, and might therefore be expected to produce milk for a large part of the year 1920, it is believed that the 1920 age limits for dairy cows are more reasonable than those used at any earlier census. For the age limits of the earlier censuses (either the "15½ months old and over on April 15" of 1910, or the "2 years old and over on June 1" of 1900 and earlier) all included a considerable number of heifers too young to give milk at any time during the census year. In relating the number of cows on hand in 1920 to the milk production of 1919, it is necessary to assume, of course, that the young heifers coming into milk during 1920 replace an approximately equal number of older cows milked in 1919 and then disposed of.

While undoubtedly most of the milk and other dairy products reported are produced by dairy cows—that is, cows kept mainly for milk production—yet a very considerable amount in some sections of the United States is reported by farms having only beef cows—that is, cows kept mainly for beef production.

Estimates of milk production.—Prior to the census of 1910 estimates were made for incomplete reports, where the enumerator had reported "cows kept for milk," but failed to report the amount of milk produced. Since these estimates were made, for the most part, on the basis of the complete reports, it is believed that they resulted in a considerable overstatement of the milk production, especially in certain states where there was little specialized dairy farming. In the first place they were based on an average per cow derived largely from the reports of the best dairy herds in a given area, since complete reports would almost certainly be made for such herds. In the second place they were obtained by applying this high average to schedules for cows that were doubtless much inferior in actual producing capacity, since those farmers who kept cows mainly for beef production, or who at any rate regarded milk production as only an incidental item, would most frequently fail to report the milk production.

In 1910 a beginning was made in an effort to eliminate this error; but it could not be even largely eliminated so long as many cows and heifers kept chiefly for beef production were reported as dairy cows because they were milked for a short period during the year.

For the census of 1920, however, with the improved method of classification for dairy cows which has been outlined above, it has been possible to make estimates of milk production for the farm with incomplete reports which are believed to be much more accurate than those of any earlier census.


VALUE OF DAIRY PRODUCTS
SOLD BY FARMERS IN 1919
1 DOT=$250,000

A study of the figures would seem to indicate that the 1909 estimates of milk production for a number of states included considerable quantities of milk estimated for cows which, while they were classified as dairy cows (cows kept for milk), were not actually of the dairy type, nor kept *mainly* for milk production. For this reason, comparisons of milk production for 1919 and 1909 have been based on the production as reported, rather than on the estimated totals.

TABLE 4.—DAIRY COWS ON FARMS IN THE UNITED STATES, 1920, AND DAIRY PRODUCTS, 1919 AND 1909.

[Figures for divisions and states in Tables 3, 6, 7, 8, 11, 14, 15, and 16.]

ITEM AND CENSUS YEAR.	FARMS REPORTING.		Number or quantity.	Unit.	VALUE.	
	Number.	Per cent of all farms.			Total.	Average per unit.
Dairy cows on farms Jan. 1, 1920, total	4,461,296	69.2	19,675,297	Head.		
On farms reporting milk produced	3,779,476	58.6	17,090,448	Head.		
On farms not reporting milk produced	681,820	10.6	2,584,849	Head.		
Average production of milk per dairy cow 1919			366	Gals.		
1909			362	Gals.		
Specified dairy products:						
Milk produced, as reported, total 1919			6,893,727,418	Gals.		
On farms reporting dairy cows			6,255,748,934	Gals.		
On farms not reporting dairy cows			637,978,484	Gals.		
Milk produced, as reported 1909			5,813,699,474	Gals.		
Increase, 1909-1919			1,080,027,944	Gals.		
Per cent of increase			18.6			
Total production of milk, incl. estimates 1919			7,805,143,792	Gals.		
Butter made 1919	3,565,305	55.3	707,666,492	Lbs.	$346,355,759	$0.49
1909	3,787,749	59.5	994,650,610	Lbs.	$222,861,440	0.22
Cheese made 1919	17,956	0.3	6,371,396	Lbs.	$2,268,025	0.36
1909	12,054	0.2	9,405,864	Lbs.	$1,148,708	0.12
Milk sold 1919	710,694	11.0	2,529,331,413	Gals.	$717,380,222	0.28
1909	493,916	7.8	1,937,255,864	Gals.	$252,436,757	0.13
Cream sold 1919	445,611	6.9	82,247,580	Gals.	$111,905,929	1.36
1909	164,117	2.6	54,933,583	Gals.	$37,655,047	0.69
Butter fat sold 1919	875,200	13.6	532,244,072	Lbs.	$303,552,156	0.57
1909	361,126	5.7	305,662,587	Lbs.	$82,311,511	0.27
Butter sold 1919	1,269,814	19.7	207,859,564	Lbs.	$106,973,742	0.51
1909	1,785,408	28.1	415,080,489	Lbs.	$100,378,123	0.24
Value of milk, cream, and butter fat sold, and of butter and cheese made [1] 1919					$1,481,462,091	
1909					$596,413,463	
Increase, 1909-1919					$885,048,628	
Per cent of increase					148.4	
Receipts from sale of dairy products [2] 1919					$1,239,812,049	
1909					$473,769,412	
Increase, 1909-1919					$766,042,637	
Per cent of increase					161.7	

[1] This item represents the total farm value of dairy products, excluding milk and cream consumed as such on the farm where produced.
[2] Figures for 1919 do not include "cheese sold," as that item was not reported for 1919. The value of cheese sold in 1909 was $987,974.

Value of all dairy products.—The total value of dairy products in 1919 (excluding the value of milk and cream consumed as such on the farm where produced) was $1,481,462,091, as compared with $596,413,463 in 1909. This value is obtained by adding together the values of milk, cream, and butter fat sold and of butter and cheese made.

Of the total value of dairy products in 1919, the East North Central division reported $448,600,891, or 30.3 per cent; the Middle Atlantic division, $298,511,901, or 20.1 per cent; and the West North Central division, $263,048,219, or 17.8 per cent. These three divisions together reported over two-thirds (68.2 per cent) 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 the available figures indicate.

Milk production: 1919 and 1909.—The figures representing milk produced in 1919, "as reported," include (1) milk reported as produced in 1919 on farms reporting dairy cows on hand January 1, 1920, and (2) milk reported as produced on farms not reporting any dairy cows. The second item would ordinarily represent milk produced by beef cows milked a part of the year as a secondary source of income, plus the small amount of milk produced in 1919 on farms which actually had no cows on January 1, 1920. The figures representing the "total production of milk, including estimates," for 1919, include not only the milk actually reported but also an estimate of the amount of milk produced on farms which reported dairy cows but not the amount of milk produced.

The total quantity of milk produced on farms in the United States during the calendar year 1919 was 7,805,143,792 gallons. This quantity includes estimates of the production on those farms which reported dairy cows on hand on January 1, 1920, but failed to report any milk production for 1919. The quantity of milk actually reported for 1919 was 6,893,727,418 gallons, as compared with 5,813,699,474 gallons actually reported for 1909, representing an increase of 1,080,027,944 gallons, or 18.6 per cent. The total milk production for 1909, including estimates, as given in the reports of the Thirteenth Census, was 7,466,406,384 gallons. It is believed, however, that the estimates made for 1909 were somewhat too large, for reasons already mentioned; hence all comparisons are made, in the present report, on the basis of the figures as reported.

The average production of milk per dairy cow in 1919, for the United States as a whole, was 366 gallons, as compared with 362 gallons in 1909. This average was computed, in each case, by dividing the quantity of milk reported for farms also reporting dairy cows by the number of dairy cows on these farms on the census date. By reason of the changes in the classification of cows, however, the figures are not altogether satisfactory for comparative purposes.

Butter made on farms and in factories.—The quantity of butter made on farms decreased from 994,650,610 pounds in 1909 to 707,666,492 pounds in 1919,

or 28.9 per cent. This decrease is mainly due to the fact that the production of butter is being rapidly transferred from the farms to the factories. This movement is especially marked in those states where specialized dairy farming is important.

The production of butter in 1919 in the factories of the butter, cheese, and condensed milk industry, as reported in the census of manufactures, amounted to 920,550,066 pounds, as compared with 624,764,653 pounds in 1909.[1] The combined farm and factory production of butter thus amounted to 1,628,216,558 pounds in 1919 and 1,619,415,263 pounds in 1909. The slight increase in the total production indicates that the growth of the factory production of butter somewhat more than made up for the decline in the farm production.

Figures for butter made on farms, from 1849 to 1919, and for butter made in factories, from 1879 to 1919, are presented for the United States as a whole in Table 5, and by divisions and states in Tables 9 and 10.

BUTTER MADE ON FARMS AND IN FACTORIES: 1879 TO 1919.

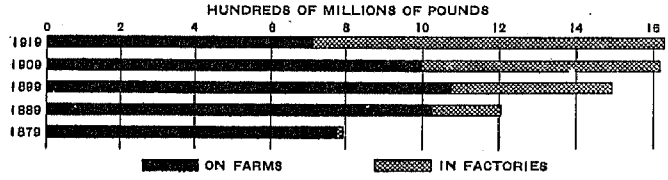


TABLE 5.—BUTTER AND CHEESE MADE ON FARMS AND IN FACTORIES IN THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 9, 10, 12, and 13.]

PRODUCT AND CENSUS YEAR.	Made on farms (pounds).	Made in factories (pounds).	Made on farms and in factories (pounds).
Butter.			
1919	707,666,492	[1] 920,550,066	[1] 1,628,216,558
1909	994,650,610	[1] 624,764,653	[1] 1,619,415,263
1899	1,071,626,056	420,126,546	1,491,752,602
1889	1,024,223,468	181,284,916	1,205,508,384
1879	777,250,287	16,471,163	793,721,450
1869	514,092,683	.....	.....
1859	459,681,372	.....	.....
1849	313,345,306	.....	.....
Cheese.			
1919	6,371,396	[2] 473,569,199	[2] 479,940,595
1909	9,405,864	[2] 311,126,317	[2] 320,532,181
1899	16,372,318	281,972,324	298,344,642
1889	18,726,818	238,035,065	256,761,883
1879	27,272,489	171,750,495	199,022,984
1869	53,492,153	.....	.....
1859	103,663,927	.....	.....
1849	105,535,893	.....	.....

[1] Not including 17,955,316 pounds of butter in 1919 and 2,381,212 pounds in 1909 made in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk.

[2] Not including 1,761,621 pounds of cheese in 1919 and 49,413 pounds in 1909 made in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk.

Butter sold by farmers.—The amount of butter sold in 1919 was 207,859,564 pounds, as compared with 415,080,489 pounds in 1909, and 518,042,767 pounds in 1899. The 1919 sales thus represented only about half the sales in 1909. It is apparent, therefore, that the production of butter on farms for sale is decreasing much more rapidly than the production for home use—though farmers in some sections of the country are not only ceasing to make butter to sell, but in many cases are not even making it for home use.

Cheese made on farms and in factories.—The manufacture of cheese in the United States is an important industry only within certain limited areas. There were 6,371,396 pounds of cheese made on farms in 1919, as compared with a production of 9,405,864 pounds in 1909, representing a decrease of 32.3 per cent. The total number of farms in the United States reporting cheese produced increased from 12,054 in 1909 to 17,956 in 1919, while the average production per farm has decreased more than one-half, or from 780 to 355 pounds. It is possible, however, that occasional reports of cottage cheese made in 1919 may account for the increase in the number of farms reporting—though it was not intended that this variety of cheese should be considered.

As in the case of the production of butter, data are also given in Table 5 relative to the production of cheese on farms and in factories over such periods of time as figures for both are available. The decline in the making of cheese on farms has been more or less steady since 1849, while the manufacture of cheese in factories has had a very rapid increase since 1879. The amount of cheese made in factories during 1919 was 473,569,199 pounds, as compared with 311,126,317 pounds in 1909.[2] The total amount of cheese made on farms and in factories in the United States in 1919 was 479,940,595 pounds, as compared with 320,532,181 pounds in 1909, an increase of 159,408,414 pounds, or 49.7 per cent.

Milk, cream, and butter fat sold.—By reason of the use of the butter-fat content as a basis of payment for both milk and cream, especially when these products are purchased by factories, it is difficult to obtain satisfactory figures representing the quantity of either milk or cream sold by farmers. Since the farmer will frequently have a record of the number of pounds of butter fat for which he has received payment, but would have to estimate the number of gallons of cream or milk which this represented, it has been thought best to present figures for the butter fat as if it were a distinct product. The quantities of milk and cream sold, as shown, in gallons, in the census reports for 1919 (and also for 1909) are made up largely of milk or cream sold for consumption, as such, in cities and towns.

[1] The figures given in this paragraph are exclusive of butter made as an incidental product in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk. This amounted to 17,955,316 pounds in 1919 and 2,381,212 pounds in 1909.

[2] The figures given in this paragraph are exclusive of cheese made as an incidental product in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk. This amounted to 1,761,621 pounds in 1919 and 49,413 pounds in 1909.

The quantity of butter fat sold represents the butter-fat content of additional milk and cream sold on a butter-fat basis. Roughly, the states where the sales of butter fat are large are the states where the factory production of butter is important; the states where the sales of milk and cream are relatively large are the states which have a large urban population to be supplied with fresh milk; and the states where the principal item in the sales of dairy products is butter are those where dairy products are still produced mainly for home use, with merely incidental sales.

The total quantity of milk sold in 1919 was 2,529,331,413 gallons, as compared with 1,937,255,864 gallons in 1909, representing an increase of 592,075,549 gallons, or 30.6 per cent. The total value of milk sold in 1919 was $717,380,222, or 57.9 per cent of the total receipts from the sale of dairy products, while in 1909 the receipts from the sale of milk formed 53.3 per cent of the total receipts from the sale of dairy products.

The quantity of cream sold in 1919 was 82,247,580 gallons, as compared with 54,933,583 gallons in 1909, an increase of 27,313,997 gallons, or 49.7 per cent in the decade.

There were 532,244,072 pounds of butter fat reported as sold in 1919, as compared with 305,662,587 pounds in 1909, an increase of 226,581,485 pounds, or 74.1 per cent, in the decade. The data for butter fat sold relate, as already indicated, to milk or cream sold by the farmer on the basis of their content of butter fat.

Further information with regard to milk, cream, and butter fat sold by farmers may be found in Table 2.

Tables for divisions and states.—The statistics for dairy products are presented, by divisions and states, in Tables 6 to 19, inclusive.

TABLE 6.—DAIRY COWS ON FARMS, 1920, AND MILK PRODUCED, AS REPORTED AND INCLUDING ESTIMATES, 1919, BY DIVISIONS AND STATES.

Division and state.	Dairy cows on farms, January 1, 1920.				Milk produced, as reported, 1919.					Total production of milk, including estimates, 1919 (gallons).
	Farms reporting.	Total number of dairy cows.	On farms reporting milk produced in 1919.	On farms not reporting milk produced in 1919.	Farms reporting.	Total (gallons).	On farms reporting dairy cows. Quantity (gallons).	On farms reporting dairy cows. Average per cow (gals.).	On farms not reporting dairy cows (gallons).	
United States	**4,461,296**	**19,675,297**	**17,090,448**	**2,584,849**	**4,361,380**	**6,893,727,418**	**6,255,748,934**	**366**	**637,978,484**	**7,805,143,792**
GEOGRAPHIC DIVISIONS:										
New England	124,024	842,928	742,203	100,725	111,096	340,815,700	332,956,150	449	7,859,550	385,638,607
Middle Atlantic	349,190	2,498,270	2,236,744	261,526	312,816	1,119,942,674	1,096,720,682	490	23,221,992	1,248,168,026
East North Central	889,353	5,050,798	4,482,825	567,973	849,101	2,008,013,552	1,895,859,491	423	112,154,061	2,246,679,781
West North Central	735,023	4,509,121	3,858,605	650,516	843,701	1,510,769,902	1,203,104,172	312	307,665,730	1,718,410,014
South Atlantic	741,269	1,673,035	1,428,109	244,926	680,259	449,716,323	416,292,686	291	33,423,637	517,728,377
East South Central	744,076	1,677,992	1,440,851	237,141	695,038	400,898,515	367,194,283	255	33,704,232	458,942,467
West South Central	592,605	1,882,361	1,579,919	302,442	587,085	396,679,416	328,948,499	208	67,730,917	459,370,676
Mountain	135,769	619,645	538,845	80,800	147,231	231,237,181	195,175,372	362	36,061,759	260,412,164
Pacific	149,981	921,147	782,347	138,800	135,053	435,654,205	419,497,599	536	16,156,606	509,793,680
NEW ENGLAND:										
Maine	39,340	175,425	151,471	23,954	35,222	67,304,799	65,562,579	433	1,742,220	77,676,881
New Hampshire	15,925	95,997	81,778	14,219	13,843	36,456,334	35,121,886	429	1,334,448	42,556,285
Vermont	25,336	290,122	256,364	33,758	22,553	108,119,922	106,145,913	414	1,974,009	122,095,734
Massachusetts	22,551	147,331	132,129	15,202	20,787	68,624,097	66,909,248	506	1,714,849	76,316,309
Rhode Island	3,126	21,431	19,164	2,267	2,757	10,852,261	10,547,376	550	304,885	12,099,111
Connecticut	17,740	112,622	101,297	11,325	15,934	49,458,287	48,669,148	480	789,139	54,894,287
MIDDLE ATLANTIC:										
New York	162,367	1,481,918	1,322,312	159,606	142,540	675,923,730	664,372,195	502	11,551,535	756,045,942
New Jersey	20,291	130,497	118,552	11,945	17,982	64,135,989	63,031,777	532	1,104,212	70,490,729
Pennsylvania	166,538	885,855	795,880	89,975	152,294	379,882,955	369,316,710	464	10,566,245	421,631,355
EAST NORTH CENTRAL:										
Ohio	206,669	888,057	772,429	115,628	193,896	347,869,655	323,738,745	419	24,130,910	396,317,787
Indiana	160,561	608,211	532,533	75,678	160,248	212,003,849	188,624,952	354	23,378,897	238,793,861
Illinois	183,501	957,313	852,079	105,234	187,206	333,234,145	301,368,231	354	31,865,914	370,486,981
Michigan	167,274	802,095	704,768	97,327	150,753	337,954,884	324,641,728	461	13,313,156	382,822,631
Wisconsin	171,348	1,795,122	1,621,016	174,106	156,998	776,951,019	757,485,835	467	19,465,184	858,258,521
WEST NORTH CENTRAL:										
Minnesota	144,948	1,229,179	982,599	246,580	131,906	388,217,369	347,971,377	354	40,245,992	475,506,689
Iowa	135,204	897,668	788,324	109,344	171,999	326,983,002	248,615,867	315	78,367,135	361,426,362
Missouri	169,002	661,959	586,825	75,134	205,549	208,471,273	159,545,527	272	48,925,746	228,907,721
North Dakota	53,745	370,707	324,618	46,089	58,757	124,365,039	100,254,702	309	24,110,337	138,606,540
South Dakota	43,406	336,892	296,678	40,214	55,688	113,486,710	80,722,068	272	32,764,642	124,424,918
Nebraska	80,470	438,459	381,551	56,908	95,468	151,352,415	112,089,010	294	39,263,405	168,083,367
Kansas	108,248	574,257	498,010	76,247	124,334	197,894,094	153,905,621	309	43,988,473	221,454,417
SOUTH ATLANTIC:										
Delaware	7,521	33,026	27,308	5,718	5,851	9,412,193	9,281,779	340	130,414	11,356,313
Maryland	35,113	161,972	143,040	18,932	31,627	52,071,197	50,532,604	353	1,538,593	58,754,193
District of Columbia	94	704	695	9	91	505,567	502,161	723	3,406	512,074
Virginia	140,368	357,969	323,291	34,678	133,285	100,816,137	94,282,928	292	6,533,209	110,942,113
West Virginia	65,621	181,206	162,393	18,813	71,032	67,161,992	56,420,555	347	10,741,437	73,690,103
North Carolina	163,866	290,223	249,802	40,421	150,264	83,217,128	77,441,025	310	5,776,103	95,747,638
South Carolina	115,159	187,846	151,922	35,924	95,745	43,147,385	41,530,002	273	1,617,383	52,954,637
Georgia	195,259	388,448	318,542	69,906	175,427	84,348,991	78,523,156	247	5,825,835	101,615,773
Florida	18,268	71,641	51,116	20,525	16,937	9,035,733	7,778,476	152	1,257,257	12,155,533
EAST SOUTH CENTRAL:										
Kentucky	206,048	441,346	392,745	48,601	199,959	131,495,154	121,631,652	310	9,863,502	146,561,464
Tennessee	193,509	415,128	362,830	52,298	187,160	115,119,224	105,074,035	290	10,045,189	130,285,644
Alabama	185,481	394,112	330,540	63,572	165,778	79,536,405	74,715,274	226	4,821,131	93,903,677
Mississippi	159,038	427,406	354,736	72,670	142,141	74,747,732	65,773,322	185	8,974,410	88,191,682
WEST SOUTH CENTRAL:										
Arkansas	150,174	415,507	355,260	60,247	140,197	76,176,721	67,550,189	190	8,626,532	87,623,651
Louisiana	56,544	176,936	141,975	34,961	57,698	27,588,726	21,892,755	154	5,695,971	32,972,720
Oklahoma	119,044	456,332	380,719	75,613	128,733	118,127,327	89,148,048	234	28,979,279	135,820,709
Texas	266,843	833,586	701,965	131,621	260,457	174,785,642	150,357,507	214	24,429,135	202,953,536
MOUNTAIN:										
Montana	29,393	127,581	109,596	17,985	33,121	45,262,090	36,533,346	333	8,728,744	51,251,095
Idaho	29,461	115,336	99,352	15,984	28,786	45,748,122	41,149,231	414	4,598,891	52,365,498
Wyoming	6,818	34,997	30,627	4,370	8,917	13,175,031	9,577,106	313	3,597,925	14,542,841
Colorado	36,102	192,234	170,741	21,493	40,762	72,013,067	59,383,763	348	12,629,304	79,492,631
New Mexico	8,799	37,805	31,499	6,306	11,089	11,117,007	8,103,067	257	3,013,940	12,737,649
Arizona	5,433	31,619	28,242	3,377	4,776	12,908,592	12,217,416	433	691,176	14,370,833
Utah	17,880	66,724	57,451	9,273	17,924	25,602,493	23,130,860	403	2,471,633	29,339,512
Nevada	1,883	13,349	11,337	2,012	1,856	5,410,729	5,080,583	448	330,146	6,312,105
PACIFIC:										
Washington	49,439	238,270	209,365	28,905	45,971	124,019,763	119,513,818	571	4,505,945	140,524,518
Oregon	36,925	180,462	153,462	27,000	34,502	79,641,946	75,041,090	489	4,600,856	92,844,946
California	63,617	502,415	419,520	82,895	54,580	231,992,496	224,942,691	536	7,049,805	276,424,216

TABLE 7.—MILK PRODUCED ON FARMS, BY DIVISIONS AND STATES: 1889 TO 1919.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	MILK PRODUCED, AS REPORTED (GALLONS).			AVERAGE PRODUCTION OF MILK PER DAIRY COW (GALLONS).		MILK PRODUCED, INCLUDING ESTIMATES (GALLONS).			
	1919	1909	Per cent of increase.	1919	1909	1919	1909	1899	1889
United States	**6,893,727,418**	**5,813,699,474**	**18.6**	**366**	**362**	**7,805,143,792**	**7,466,406,384**	**7,265,804,304**	**5,210,125,567**
GEOGRAPHIC DIVISIONS:									
New England	340,815,700	347,872,803	—2.0	449	476	385,638,607	400,648,248	489,800,248	338,911,582
Middle Atlantic	1,119,942,674	1,001,269,989	11.9	490	490	1,248,168,026	1,272,849,480	1,337,547,225	1,096,827,673
East North Central	2,008,013,552	1,564,282,966	28.4	423	410	2,246,679,781	1,980,106,070	1,928,325,938	1,422,944,279
West North Central	1,510,769,902	1,266,991,620	19.2	312	325	1,718,410,014	1,731,471,950	1,681,574,390	1,296,470,486
South Atlantic	449,716,323	418,843,384	7.4	291	286	517,728,377	517,875,644	492,138,465	332,728,677
East South Central	400,898,515	400,476,525	0.1	255	288	458,942,467	468,881,568	499,560,976	332,466,463
West South Central	396,679,416	416,401,603	—4.7	208	232	459,370,676	521,896,296	474,389,212	187,227,200
Mountain	231,237,131	116,468,996	98.5	362	339	260,412,164	174,403,974	110,017,726	46,442,464
Pacific	435,654,205	281,091,588	55.0	536	475	509,793,680	392,404,625	252,450,124	156,106,743
NEW ENGLAND:									
Maine	67,304,799	56,026,334	20.1	433	445	77,676,881	69,784,455	99,586,188	57,969,791
New Hampshire	36,456,334	35,033,153	4.1	429	439	42,556,285	44,461,042	60,724,590	42,633,268
Vermont	108,119,922	114,317,169	—5.4	414	463	122,095,734	122,918,629	142,042,223	90,712,230
Massachusetts	68,624,097	86,304,347	—20.5	506	526	76,316,309	90,438,336	105,571,873	82,571,924
Rhode Island	10,852,261	10,441,951	3.9	550	522	12,099,111	12,177,738	12,923,512	10,610,547
Connecticut	49,458,287	45,749,849	8.1	480	487	54,894,287	59,829,411	68,951,862	54,413,822
MIDDLE ATLANTIC:									
New York	675,923,730	597,363,198	13.2	502	519	756,045,942	783,479,286	772,799,352	663,917,240
New Jersey	64,135,989	67,698,219	—5.3	532	522	70,490,729	80,606,196	77,714,055	64,003,953
Pennsylvania	379,882,955	336,208,572	13.0	464	441	421,631,355	411,735,240	487,033,818	368,906,480
EAST NORTH CENTRAL:									
Ohio	347,869,655	307,590,755	13.1	419	400	396,317,787	362,050,000	425,870,394	326,925,396
Indiana	212,003,849	194,736,962	8.9	354	342	238,793,861	216,688,122	263,457,239	200,510,797
Illinois	333,234,145	320,240,399	4.1	354	377	370,486,981	395,934,071	457,106,995	367,269,464
Michigan	337,954,884	283,387,201	19.3	461	460	382,822,631	352,858,180	309,617,046	224,537,488
Wisconsin	776,951,019	458,327,649	69.5	467	453	858,258,521	667,497,765	472,274,264	303,701,134
WEST NORTH CENTRAL:									
Minnesota	388,217,369	273,319,603	42.0	354	377	475,506,689	409,191,276	304,017,106	182,968,973
Iowa	326,983,002	318,954,506	2.5	315	348	361,426,362	489,563,616	535,872,240	486,961,411
Missouri	208,471,273	188,297,972	10.7	272	258	228,907,721	220,958,940	258,207,755	193,931,103
North Dakota	124,365,039	70,637,899	76.1	309	388	138,606,540	100,559,124	48,845,280	26,566,112
South Dakota	113,486,710	82,428,514	37.7	272	317	124,424,918	117,215,188	99,244,975	59,666,525
Nebraska	151,352,415	160,610,359	—5.8	294	323	168,083,367	198,306,496	190,477,911	144,768,263
Kansas	197,894,094	172,742,767	14.6	309	296	221,454,417	217,887,672	244,909,123	201,608,099
SOUTH ATLANTIC:									
Delaware	9,412,193	7,859,857	19.8	340	307	11,356,313	10,962,356	12,681,268	10,699,362
Maryland	52,071,197	41,094,421	26.7	353	358	58,754,193	59,735,522	64,040,517	46,601,218
District of Columbia	505,567	555,342	—9.0	723	713	512,074	611,041	850,349	459,978
Virginia	100,816,137	95,555,051	5.5	292	293	110,942,113	104,391,212	105,068,428	78,143,459
West Virginia	67,161,992	71,230,033	—5.7	347	316	73,690,103	75,694,324	83,861,660	59,449,066
North Carolina	83,217,128	82,601,779	0.7	310	314	95,747,638	96,998,996	89,525,749	55,250,605
South Carolina	43,147,385	37,361,666	15.5	273	278	52,954,637	50,274,076	44,031,528	23,833,631
Georgia	84,348,991	74,908,776	12.6	247	247	101,615,773	100,210,370	82,438,532	53,234,508
Florida	9,035,733	7,676,459	17.7	152	108	12,155,533	12,532,428	9,640,434	5,056,790
EAST SOUTH CENTRAL:									
Kentucky	131,495,154	125,566,917	4.7	310	344	146,561,464	140,982,896	159,311,527	118,497,289
Tennessee	115,119,224	117,101,970	—1.7	290	326	130,285,644	129,455,904	147,336,961	107,657,116
Alabama	79,536,405	78,728,345	1.0	226	250	93,903,677	97,884,000	95,882,103	55,508,687
Mississippi	74,747,732	79,079,293	—5.5	185	224	88,191,682	96,227,488	97,030,385	50,803,371
WEST SOUTH CENTRAL:									
Arkansas	76,176,721	83,081,875	—8.3	190	230	87,623,651	97,932,390	109,861,393	54,325,673
Louisiana	27,588,726	32,702,130	—15.6	154	173	32,972,720	48,283,781	39,251,413	12,881,927
Oklahoma[1]	118,127,327	103,577,644	14.0	234	253	135,820,769	134,291,388	73,933,708	1,544,280
Texas	174,786,642	197,039,954	—11.3	214	237	202,953,536	240,286,479	251,342,698	118,475,320
MOUNTAIN:									
Montana	45,262,090	16,982,145	166.5	333	341	51,251,095	26,436,707	15,696,214	6,038,096
Idaho	45,748,122	20,861,072	119.3	414	359	52,365,498	30,981,341	15,122,948	5,085,863
Wyoming	*13,175,031*	*6,453,634*	*104.1*	*313*	*298*	*14,542,841*	*9,744,302*	*5,121,974*	*3,064,588*
Colorado	72,013,067	33,631,723	114.1	348	357	79,492,631	51,670,038	38,440,111	19,680,791
New Mexico	11,117,007	6,815,942	63.1	257	213	12,737,649	10,959,063	3,009,657	717,155
Arizona	12,908,592	6,881,608	87.6	433	389	14,370,833	11,227,318	3,056,109	709,225
Utah	25,602,493	20,486,317	25.0	403	347	29,339,512	26,306,070	25,124,642	8,614,694
Nevada	5,410,729	4,356,555	24.2	448	383	6,312,105	6,543,172	4,446,071	2,532,052
PACIFIC:									
Washington	124,019,763	70,083,033	77.0	571	495	140,524,518	92,185,335	50,182,415	19,873,281
Oregon	79,641,946	56,106,599	41.9	489	417	92,844,946	71,953,350	48,582,968	25,042,276
California	231,992,496	154,901,956	49.8	536	491	276,424,216	229,460,012	153,684,741	111,191,186

[1] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone.

TABLE 8.—BUTTER MADE ON FARMS, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	FARMS REPORTING.				QUANTITY (POUNDS).				VALUE.		AVERAGE PRODUCTION PER FARM (POUNDS).		AVERAGE VALUE PER POUND.	
	Number.		Per cent of all farms.		1919	1909	Increase.		1919	1909				
	1919	1909	1919	1909			Amount.	Per cent.			1919	1909	1919	1909
United States	3,565,305	3,787,749	55.3	59.5	707,666,492	994,650,610	—286,984,118	—28.9	$346,355,759	$222,861,440	198	263	$0.49	$0.22
GEOGRAPHIC DIVISIONS:														
New England	62,951	83,010	40.2	44.0	22,093,227	40,732,783	—18,639,556	—45.8	13,146,301	11,704,089	351	491	0.60	0.29
Middle Atlantic	194,466	234,948	45.7	50.2	64,797,058	88,242,228	—23,445,170	—26.6	36,441,006	22,996,544	333	376	0.56	0.26
East North Central	563,372	717,911	51.9	63.9	108,093,861	230,966,876	—122,873,015	—53.2	56,559,268	53,108,927	192	322	0.52	0.23
West North Central	728,739	711,499	66.3	64.1	130,995,829	201,172,278	—70,176,449	—34.9	66,387,407	44,748,964	180	283	0.51	0.22
South Atlantic	628,890	636,763	54.3	57.3	121,072,533	123,270,552	—2,198,019	—1.8	55,970,638	26,054,617	193	194	0.46	0.21
East South Central	660,329	697,028	62.8	66.9	120,495,395	136,239,873	—15,744,478	—11.6	51,176,037	25,739,427	182	196	0.42	0.19
West South Central	531,609	560,724	53.4	59.4	101,443,114	128,188,799	—26,745,685	—20.9	46,134,284	25,838,528	191	229	0.45	0.20
Mountain	110,071	66,794	45.1	36.4	22,840,410	18,115,811	4,724,599	26.1	11,762,025	4,992,172	208	271	0.51	0.28
Pacific	86,878	79,072	37.1	41.6	15,835,065	27,721,410	—11,886,345	—42.9	8,778,793	7,678,172	182	351	0.55	0.28
NEW ENGLAND:														
Maine	29,029	36,371	60.2	60.6	10,855,560	13,299,229	—2,443,669	—18.4	6,272,232	3,786,054	374	366	0.58	0.28
New Hampshire	8,985	11,673	43.8	43.1	3,240,368	5,065,188	—1,824,820	—36.0	1,975,330	1,509,706	361	434	0.61	0.30
Vermont	8,780	15,102	30.2	46.2	3,877,039	15,165,692	—11,288,653	—74.4	2,301,863	4,185,028	442	1,004	0.59	0.28
Massachusetts	7,361	9,035	23.0	24.5	2,019,231	3,364,516	—1,345,285	—40.0	1,261,218	1,041,482	274	372	0.62	0.31
Rhode Island	1,033	1,633	25.3	30.9	174,902	339,607	—164,705	—48.5	105,834	104,161	169	208	0.61	0.31
Connecticut	7,763	9,196	34.3	34.3	1,926,127	3,498,551	—1,572,424	—44.9	1,229,824	1,077,658	248	380	0.64	0.31
MIDDLE ATLANTIC:														
New York	78,174	85,516	40.5	39.7	24,727,662	23,461,702	1,265,960	5.4	14,347,664	6,268,386	316	274	0.58	0.27
New Jersey	7,783	12,328	26.2	36.8	1,600,789	3,622,411	—2,021,622	—55.8	955,624	1,059,935	206	294	0.60	0.29
Pennsylvania	108,509	137,104	53.7	62.5	38,468,607	61,158,115	—22,689,508	—37.1	21,137,718	15,668,223	355	446	0.55	0.26
EAST NORTH CENTRAL:														
Ohio	143,448	188,481	55.9	69.3	30,264,265	63,569,132	—33,304,867	—52.4	15,967,415	14,305,607	211	337	0.53	0.23
Indiana	119,633	158,508	58.3	73.6	18,344,239	43,181,817	—24,837,578	—57.5	9,298,910	9,402,994	153	272	0.51	0.22
Illinois	146,524	168,485	61.8	66.9	25,063,897	46,609,992	—21,546,095	—46.2	12,853,175	10,493,217	171	277	0.51	0.23
Michigan	109,163	131,519	55.6	63.5	25,755,423	50,405,426	—24,650,003	—48.9	13,706,212	11,805,872	236	383	0.53	0.23
Wisconsin	44,604	70,918	23.6	40.0	8,666,037	27,200,509	—18,534,472	—68.1	4,733,556	7,101,237	194	384	0.55	0.26
WEST NORTH CENTRAL:														
Minnesota	92,867	85,001	52.0	54.4	20,205,076	34,708,669	—14,503,593	—41.8	10,345,233	8,593,233	218	408	0.51	0.25
Iowa	134,357	124,881	62.9	57.5	25,422,675	38,679,568	—13,256,893	—34.3	13,411,842	9,061,041	189	310	0.53	0.23
Missouri	191,197	207,828	72.7	75.0	29,470,763	42,105,143	—12,634,380	—30.0	14,620,740	8,744,025	154	203	0.50	0.21
North Dakota	58,147	46,838	74.8	63.0	14,413,180	16,414,439	—2,001,259	—12.2	6,996,643	3,508,579	248	350	0.49	0.21
South Dakota	51,159	39,705	68.5	51.1	10,267,171	13,629,647	—3,362,476	—24.7	5,358,074	3,024,509	201	343	0.52	0.22
Nebraska	85,532	87,400	68.7	67.4	13,761,085	25,986,931	—12,225,846	—47.0	6,877,379	5,385,494	161	297	0.50	0.21
Kansas	113,480	119,846	68.7	67.4	17,455,879	29,647,881	—12,192,002	—41.1	8,779,496	6,432,083	154	247	0.50	0.22
SOUTH ATLANTIC:														
Delaware	4,644	5,488	45.8	50.6	894,883	1,563,161	—668,278	—42.8	477,246	400,428	193	285	0.53	0.26
Maryland	24,276	28,871	50.7	59.0	6,162,501	8,739,620	—2,577,119	—29.5	3,200,266	2,010,106	254	303	0.52	0.23
District of Columbia	41	28	20.1	12.9	6,026	6,155	—129	—2.1	3,615	1,754	147	220	0.60	0.28
Virginia	130,652	134,222	70.2	72.9	25,476,621	26,651,244	—1,174,623	—4.4	11,720,110	5,683,060	195	199	0.46	0.21
West Virginia	70,650	81,070	80.9	83.8	17,715,107	18,969,699	—1,254,592	—6.6	8,227,663	4,054,498	251	234	0.46	0.21
North Carolina	141,662	145,899	52.5	57.5	25,551,506	26,059,585	—508,079	—1.9	11,630,317	5,213,783	180	179	0.46	0.20
South Carolina	81,659	73,029	42.4	41.4	13,846,353	12,329,567	1,516,786	12.3	6,632,222	2,562,561	170	169	0.48	0.21
Georgia	164,063	153,313	52.8	52.7	30,257,153	27,246,247	3,010,906	11.1	13,445,982	5,636,255	184	178	0.44	0.21
Florida	11,243	14,843	20.8	29.7	1,162,383	1,705,274	—542,891	—31.8	633,217	492,172	103	115	0.54	0.29
EAST SOUTH CENTRAL:														
Kentucky	191,825	194,299	70.9	75.0	34,080,415	38,130,687	—4,050,272	—10.6	14,355,559	7,117,905	178	196	0.42	0.19
Tennessee	182,940	188,629	72.4	76.7	37,166,063	39,827,906	—2,661,843	—6.7	15,769,833	7,392,901	203	211	0.42	0.19
Alabama	158,553	164,405	61.9	62.5	28,490,181	29,550,595	—1,060,414	—3.6	12,293,107	5,657,610	180	180	0.43	0.19
Mississippi	127,011	149,695	46.7	54.6	20,758,736	28,730,685	—7,971,949	—27.7	8,757,538	5,571,011	163	192	0.42	0.19
WEST SOUTH CENTRAL:														
Arkansas	135,363	139,635	58.2	65.0	25,571,098	29,907,337	—4,336,239	—14.5	11,182,984	5,883,584	189	214	0.44	0.20
Louisiana	30,933	37,573	22.8	31.2	4,252,318	6,232,006	—1,979,688	—31.8	2,026,182	1,430,059	137	166	0.48	0.23
Oklahoma	120,422	116,792	62.7	61.4	22,214,546	27,056,242	—4,841,696	—17.9	10,754,197	5,613,253	184	232	0.48	0.21
Texas	244,891	266,724	56.2	63.8	49,405,152	64,993,214	—15,588,062	—24.0	22,170,921	12,911,632	202	244	0.45	0.20
MOUNTAIN:														
Montana	29,143	8,438	50.5	32.2	5,961,336	2,820,574	3,140,762	111.4	2,906,861	811,792	205	334	0.49	0.29
Idaho	24,032	13,622	57.1	44.2	4,540,364	3,542,135	998,229	28.2	2,443,454	982,397	189	260	0.54	0.28
Wyoming	7,686	4,065	48.8	37.0	1,422,822	1,192,122	230,700	19.4	744,630	331,021	185	293	0.52	0.28
Colorado	33,026	19,381	55.1	42.0	5,775,602	5,856,132	—80,530	—1.4	2,932,176	1,565,224	175	302	0.51	0.27
New Mexico	8,000	8,127	26.8	22.8	1,404,138	1,477,617	—73,479	—5.0	745,383	402,263	176	182	0.53	0.27
Arizona	2,846	1,566	28.5	17.0	593,446	325,980	267,466	82.0	336,146	105,347	209	208	0.57	0.32
Utah	4,185	10,606	16.3	48.9	2,876,675	2,497,366	379,309	15.2	1,503,563	672,479	687	235	0.52	0.27
Nevada	1,153	989	36.5	36.8	266,027	403,885	—137,858	—34.1	149,812	121,649	231	408	0.56	0.30
PACIFIC:														
Washington	31,783	24,674	47.9	43.9	5,899,678	6,751,575	—851,897	—12.6	3,296,726	1,992,249	186	274	0.56	0.30
Oregon	25,124	23,053	50.0	50.7	4,177,628	5,667,964	—1,490,336	—26.3	2,369,219	1,599,931	166	246	0.57	0.28
California	29,971	31,345	25.5	35.5	5,757,759	15,301,871	—9,544,112	—62.4	3,112,848	4,085,992	192	488	0.54	0.27

TABLE 9.—BUTTER MADE ON FARMS, BY DIVISIONS AND STATES: 1849 TO 1919.

DIVISION AND STATE.	BUTTER MADE ON FARMS (POUNDS).							
	1919	1909	1899	1889	1879	1869	1859	1849
United States	707,606,492	994,650,610	1,071,626,056	1,024,223,468	777,250,287	514,092,683	459,681,372	313,345,306
GEOGRAPHIC DIVISIONS:								
New England	22,093,227	40,732,783	51,454,627	63,370,472	65,453,749	49,662,325	51,485,519	43,924,006
Middle Atlantic	64,797,058	88,242,228	154,829,824	183,418,072	200,772,270	176,248,193	172,465,238	129,131,722
East North Central	108,093,861	230,966,876	287,878,290	277,082,663	230,844,938	156,138,383	124,017,174	70,557,085
West North Central	130,995,829	201,172,278	251,226,460	243,542,973	136,613,382	58,262,042	29,054,384	10,006,647
South Atlantic	121,072,533	123,270,552	89,111,226	78,270,911	48,350,505	28,575,306	33,941,403	28,105,896
East South Central	120,495,395	136,239,873	97,541,277	84,889,865	51,550,649	27,273,321	32,769,484	26,442,153
West South Central	101,443,114	128,188,799	88,382,053	50,302,407	22,605,422	6,789,083	11,362,881	4,882,208
Mountain	22,840,410	18,115,811	14,869,383	8,300,899	3,175,139	1,348,607	337,005	83,420
Pacific	15,835,065	27,721,410	36,332,916	35,045,206	17,884,233	9,795,423	4,248,284	212,169
NEW ENGLAND:								
Maine	10,855,560	13,299,229	16,174,173	15,593,315	14,103,966	11,636,482	11,687,781	9,243,811
New Hampshire	3,240,368	5,065,188	6,385,611	7,942,840	7,247,272	5,965,080	6,956,764	6,977,056
Vermont	3,877,039	15,165,692	18,834,706	23,314,063	25,240,826	17,844,396	15,900,359	12,137,980
Massachusetts	2,019,231	3,364,516	4,980,262	8,358,703	9,655,587	6,559,161	8,297,936	8,071,370
Rhode Island	174,902	339,607	488,086	965,456	1,007,103	941,199	1,021,767	995,670
Connecticut	1,926,127	3,498,551	4,591,789	7,196,095	8,198,995	6,716,007	7,620,912	6,498,119
MIDDLE ATLANTIC:								
New York	24,727,662	23,461,702	74,714,376	98,241,813	111,922,423	107,147,526	103,097,280	79,766,094
New Jersey	1,600,789	3,622,411	5,894,363	8,367,218	9,513,835	8,266,023	10,714,447	9,487,210
Pennsylvania	38,468,607	61,158,115	74,221,085	76,809,041	79,336,012	60,834,644	58,653,511	39,878,418
EAST NORTH CENTRAL:								
Ohio	30,264,265	63,569,132	79,551,299	74,990,307	67,634,263	50,266,372	48,543,162	34,449,379
Indiana	18,344,239	43,181,817	51,042,396	48,477,766	37,377,797	22,915,385	18,306,651	12,881,535
Illinois	25,063,897	46,609,992	52,493,450	57,121,486	53,657,943	36,083,405	28,052,551	12,526,543
Michigan	25,755,423	50,405,426	60,051,998	50,197,481	38,821,890	24,400,185	15,503,482	7,065,878
Wisconsin	8,666,037	27,200,509	44,739,147	46,295,623	33,353,045	22,473,036	13,611,328	3,633,750
WEST NORTH CENTRAL:								
Minnesota	20,205,076	34,708,669	41,188,846	34,766,409	19,161,385	9,522,010	2,957,673	1,100
Iowa	*25,422,675*	*38,679,568*	*61,789,288*	*72,893,079*	*55,481,958*	*27,512,179*	*11,953,666*	*2,171,138*
Missouri	29,470,763	42,105,143	45,509,110	43,108,521	28,572,124	14,455,825	12,704,837	7,834,359
North Dakota [1]	14,413,180	16,414,439	9,178,815	5,712,566	193,204	209,735	2,170	.....
South Dakota [1]	10,267,171	13,629,647	17,400,970	13,127,244	1,807,751	.....	.....	.....
Nebraska	13,761,085	25,986,931	34,518,659	27,818,078	9,725,198	1,539,535	342,541	.....
Kansas	17,455,879	29,647,881	41,640,772	46,117,076	21,671,762	5,022,758	1,093,497	.....
SOUTH ATLANTIC:								
Delaware	894,883	1,563,161	1,629,949	2,026,498	1,876,275	1,171,963	1,430,502	1,055,308
Maryland	6,162,501	8,739,620	9,096,062	9,999,002	7,485,871	5,014,729	5,265,295	3,806,160
District of Columbia	6,026	6,155	3,478	13,769	20,920	4,495	18,835	14,872
Virginia [2]	25,476,621	26,651,244	19,905,830	17,949,966	11,470,923	6,979,209	13,464,722	11,089,359
West Virginia [2]	17,715,107	18,969,699	16,913,129	14,063,627	9,309,517	5,044,475	.....	.....
North Carolina	25,551,506	26,059,585	16,913,802	13,129,374	7,212,507	4,297,834	4,735,495	4,146,290
South Carolina	13,846,353	12,329,567	8,150,437	5,737,557	3,196,851	1,461,980	3,177,934	2,981,850
Georgia	30,257,153	27,246,247	15,111,494	14,483,323	7,424,485	4,499,572	5,439,765	4,640,559
Florida	1,162,383	1,705,274	1,386,445	867,195	353,156	100,989	408,855	371,498
EAST SOUTH CENTRAL:								
Kentucky	34,080,415	38,130,687	30,446,381	29,038,406	18,211,904	11,874,978	11,716,609	9,947,523
Tennessee	37,166,063	39,827,906	29,091,696	28,314,387	17,886,369	9,571,069	10,017,787	8,139,585
Alabama	28,490,181	29,550,595	19,121,964	14,548,435	7,997,719	3,213,753	6,028,478	4,008,811
Mississippi	20,758,736	28,730,685	18,881,236	12,988,637	7,454,657	2,613,521	5,006,610	4,346,234
WEST SOUTH CENTRAL:								
Arkansas	25,571,098	29,907,337	21,585,258	15,724,144	7,790,013	2,753,931	4,067,556	1,854,239
Louisiana	4,252,318	6,232,006	4,918,229	2,089,774	916,089	322,405	1,444,742	683,069
Oklahoma [3]	22,214,546	27,056,242	13,887,074	387,929	.....	.....	.....	.....
Texas	49,405,152	64,993,214	47,991,492	32,100,560	13,899,320	3,712,747	5,850,583	2,344,900
MOUNTAIN:								
Montana	5,961,336	2,820,574	2,454,072	1,062,185	403,738	408,080	.....	.....
Idaho	4,540,364	3,542,135	2,520,316	1,078,103	310,644	111,480	.....	.....
Wyoming	1,422,822	1,192,122	888,554	428,269	105,643	1,200	.....	.....
Colorado	5,775,602	5,850,132	4,932,482	3,282,086	860,379	392,920	.....	.....
New Mexico	1,404,138	1,477,617	813,003	86,042	44,827	12,912	13,259	*111*
Arizona	593,446	325,980	379,311	115,203	61,817	800	.....	.....
Utah	2,876,675	2,497,366	2,812,122	1,759,354	1,052,903	310,335	316,046	83,309
Nevada	266,027	403,885	569,523	489,657	335,188	110,880	7,700	.....
PACIFIC:								
Washington	5,899,678	6,751,575	7,372,106	3,482,225	1,356,103	407,306	153,092	.....
Oregon	4,177,628	5,667,964	8,107,450	4,786,277	2,443,725	1,418,373	1,000,157	211,464
California	5,757,759	15,301,871	20,853,360	26,776,704	14,084,405	7,969,744	3,095,035	705

[1] North Dakota and South Dakota admitted as states in 1889. Figures for butter made on farms in 1879 obtained by consolidating data for the counties which then occupied the areas now known as North and South Dakota, respectively. The 1869 and 1859 figures are for Dakota Territory.
[2] In 1859 and 1849 Virginia included the area now known as West Virginia.
[3] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone; no data for earlier years.

TABLE 10.—BUTTER MADE IN FACTORIES, AND ON FARMS AND IN FACTORIES, BY DIVISIONS AND STATES: 1879 TO 1919.

DIVISION AND STATE.	BUTTER MADE IN FACTORIES (POUNDS).[1]					BUTTER MADE ON FARMS AND IN FACTORIES (POUNDS).[1]				
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879
United States	**920,550,066**	**624,764,653**	**420,126,546**	**181,284,916**	**16,471,163**	**1,628,216,558**	**1,619,415,263**	**1,491,752,602**	**1,205,508,384**	**793,721,450**
GEOGRAPHIC DIVISIONS:										
New England	18,547,643	(2)	40,577,569	13,869,552	255,583	40,640,870	(2)	92,032,196	77,240,024	65,709,332
Middle Atlantic	30,507,171	77,150,290	79,156,526	34,375,620	4,666,044	95,304,229	165,392,518	233,986,350	217,793,692	205,438,314
East North Central	299,521,362	193,171,121	115,330,640	49,968,602	3,327,101	407,615,223	424,137,997	403,208,930	327,051,265	234,172,039
West North Central	404,651,491	243,551,926	156,406,307	79,957,350	5,685,883	535,647,320	444,724,204	407,632,767	323,500,323	142,299,265
South Atlantic	3,570,243	(2)	3,772,086	2,143,928	246,425	124,642,776	(2)	92,883,312	80,414,839	48,596,930
East South Central	13,349,194	(2)	(2)	(2)	52,700	133,844,589	(2)	(2)	(2)	51,603,349
West South Central	(2)	(2)	474,489	44,689	.....	(2)	(2)	88,856,542	50,347,096	22,605,422
Mountain	(2)	(2)	(2)	(2)	30,620	(2)	(2)	(2)	(2)	3,205,759
Pacific	95,362,257	57,058,701	18,320,915	411,735	2,206,807	111,197,322	84,780,111	54,653,831	35,456,941	20,091,040
NEW ENGLAND:										
Maine	1,271,819	2,105,622	4,461,399	1,406,041	6,000	12,127,379	15,404,851	20,635,572	16,999,356	14,109,966
New Hampshire	517,498	1,740,235	5,034,270	1,919,590	99,068	3,757,866	6,805,423	11,419,881	9,862,430	7,346,340
Vermont	12,883,193	20,227,495	22,453,381	5,085,377	5,000	16,760,232	35,393,187	41,288,087	28,399,440	25,245,826
Massachusetts	2,659,264	1,888,307	4,591,919	2,051,597	52,150	4,678,495	5,252,823	9,572,181	10,410,300	9,707,737
Rhode Island	197,170	(2)	148,195	233,783	.....	372,072	(2)	636,281	1,199,239	1,007,103
Connecticut	1,018,699	1,950,935	3,888,405	3,173,164	93,365	2,944,826	5,449,486	8,480,194	10,369,259	8,292,360
MIDDLE ATLANTIC:										
New York	15,727,774	45,897,216	40,693,846	14,485,702	4,197,424	40,455,436	69,358,918	115,408,222	112,727,515	116,119,847
New Jersey	189,796	768,857	1,325,519	499,531	15,600	1,790,585	4,391,268	7,219,882	8,866,749	9,529,435
Pennsylvania	14,589,601	30,484,217	37,137,161	19,390,387	453,020	53,058,208	91,642,332	111,358,246	96,199,428	79,789,032
EAST NORTH CENTRAL:										
Ohio	63,882,101	17,491,251	8,087,631	6,532,485	235,341	94,146,366	81,060,383	87,638,930	81,522,792	67,869,604
Indiana	42,186,894	11,712,450	3,553,483	1,677,088	281,232	60,531,133	54,894,267	54,595,879	50,154,854	37,959,029
Illinois	44,527,933	24,570,976	34,055,312	25,553,422	2,414,668	69,591,830	71,180,968	86,548,762	82,674,908	56,072,611
Michigan	55,842,680	35,511,700	7,820,712	2,145,731	9,850	81,598,103	85,917,186	67,872,710	52,343,212	38,831,740
Wisconsin	93,081,754	103,884,684	61,813,502	14,059,876	386,010	101,747,791	131,085,193	106,552,649	60,355,499	33,739,055
WEST NORTH CENTRAL:										
Minnesota	146,295,141	88,842,846	41,174,469	13,911,095	62,450	166,500,217	123,551,515	82,363,315	48,677,504	19,223,835
Iowa	90,079,758	88,582,187	77,233,204	53,143,140	5,458,595	115,502,433	127,261,755	139,022,552	126,036,219	60,940,553
Missouri	35,988,733	10,261,876	1,440,616	1,529,647	126,884	65,459,496	52,367,019	46,949,726	44,638,168	28,099,008
North Dakota [3]	19,536,985	3,683,679	463,188	446,296	5,800	33,950,165	20,098,118	9,642,003	6,158,862	199,004
South Dakota [3]	17,612,674	9,495,608	6,172,107	532,513	.....	27,879,845	23,125,255	23,573,077	13,659,757	1,807,751
Nebraska	58,570,937	23,973,162	11,726,180	6,076,783	20,672	72,332,022	49,960,093	46,244,839	33,894,861	9,745,870
Kansas	36,567,263	18,712,568	18,196,483	4,317,876	11,482	54,023,142	48,360,449	59,837,255	50,434,952	21,683,244
SOUTH ATLANTIC:										
Delaware	294,713	627,300	969,889	466,761	25,800	1,189,596	2,190,461	2,599,838	2,493,259	1,902,075
Maryland	301,895	1,118,530	2,541,716	847,277	190,525	6,464,396	9,858,150	11,638,378	10,846,879	7,676,396
District of Columbia	.....	.....	.....	.....	.....	6,026	6,155	3,478	13,769	20,920
Virginia	1,732,223	158,853	170,521	811,890	29,100	27,208,844	26,810,097	20,076,351	18,761,856	11,500,023
West Virginia	356,498	(2)	41,000	18,000	.....	18,071,605	(2)	16,954,129	14,081,627	9,309,517
North Carolina	884,914	.....	.....	.....	1,000	26,436,420	26,059,585	16,913,802	13,129,374	7,213,507
South Carolina	.....	.....	.....	.....	.....	13,846,353	12,329,567	8,150,437	5,737,557	3,196,851
Georgia	.....	78,058	48,960	.....	.....	30,257,153	27,324,305	15,160,454	14,483,323	7,424,485
Florida	.....	.....	.....	.....	.....	1,162,383	1,705,274	1,386,445	867,195	353,156
EAST SOUTH CENTRAL:										
Kentucky	5,949,761	549,929	184,663	(2)	49,100	40,030,176	38,680,616	30,631,044	(2)	18,261,004
Tennessee	3,479,817	.....	207,823	65,990	3,600	40,645,880	39,827,906	29,299,519	28,380,377	17,889,969
Alabama	445,907	(2)	17,357	.....	.....	28,936,088	(2)	19,139,321	14,548,435	7,997,719
Mississippi	3,473,709	.....	(2)	.....	.....	24,232,445	28,730,685	(2)	12,988,637	7,454,657
WEST SOUTH CENTRAL:										
Arkansas	(2)	360,834	168,575	.....	.....	(2)	30,268,171	21,753,833	15,724,144	7,790,013
Louisiana	(2)	(2)	.....	.....	.....	(2)	(2)	4,918,229	2,089,774	916,089
Oklahoma [4]	10,806,549	4,110,978	53,200	.....	.....	33,021,095	31,167,220	13,940,274	387,929	.....
Texas	10,911,466	2,133,590	252,714	44,689	.....	60,316,618	67,126,804	48,244,206	32,145,249	13,899,320
MOUNTAIN:										
Montana	6,094,466	1,307,777	34,238	(2)	9,000	12,055,802	4,128,351	2,488,310	(2)	412,738
Idaho	5,272,857	2,357,386	432,570	13,650	3,600	9,813,221	5,899,521	2,952,886	1,091,753	314,244
Wyoming	1,324,904	783,585	(2)	(2)	.....	2,747,726	1,975,707	(2)	(2)	105,643
Colorado	13,982,711	6,351,691	1,566,639	339,000	2,100	19,758,313	12,207,823	6,499,121	3,621,086	862,479
New Mexico	(2)	(2)	.....	.....	.....	(2)	(2)	313,003	86,042	44,827
Arizona	1,040,437	1,053,869	424,083	.....	400	1,633,883	1,379,849	803,394	115,203	62,217
Utah	4,410,678	3,722,784	2,519,214	55,800	12,020	7,287,353	6,220,150	5,331,336	1,815,154	1,064,923
Nevada	1,087,795	1,039,784	623,402	.....	3,500	1,353,822	1,443,669	1,192,925	489,657	338,688
PACIFIC:										
Washington	20,237,682	11,302,591	3,198,421	1,500	47,963	26,137,360	18,054,166	10,570,527	3,483,725	1,404,066
Oregon	13,984,185	8,472,660	1,975,357	138,468	84,500	18,161,813	14,140,624	10,082,807	4,924,745	2,528,225
California	61,140,390	37,283,450	13,147,137	271,767	2,074,344	66,898,149	52,585,321	34,000,497	27,048,471	16,158,749

[1] The figures for 1919 and 1909 are exclusive of butter made as an incidental product in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk. This amounted to 17,955,316 pounds in 1919 and 2,381,212 pounds in 1909.
[2] Not shown separately, as to do so would disclose individual operations.
[3] North Dakota and South Dakota admitted as states in 1889. Figures for butter made in factories shown for North Dakota in 1879 are for Dakota Territory.
[4] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone; no data for 1879.

TABLE 11.—CHEESE MADE ON FARMS, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	FARMS REPORTING.				QUANTITY (POUNDS).				VALUE.		AVERAGE PRODUCTION PER FARM (POUNDS).		AVERAGE VALUE PER POUND.	
	Number.		Per cent of all farms.		1919	1909	Increase.		1919	1909				
	1919	1909	1919	1909			Amount.	Per cent.			1919	1909	1919	1909
United States	**17,956**	**12,054**	**0.3**	**0.2**	**6,371,396**	**9,405,864**	**—3,034,468**	**—32.3**	**$2,268,025**	**$1,148,708**	**355**	**780**	**$0.36**	**$0.12**
GEOGRAPHIC DIVISIONS:														
New England	1,213	817	0.8	0.4	324,838	673,865	—349,027	—51.8	121,780	89,189	268	825	0.37	0.13
Middle Atlantic	2,836	2,283	0.7	0.5	1,146,667	1,910,549	—763,882	—40.0	393,433	194,472	404	837	0.34	0.10
East North Central	3,130	2,058	0.3	0.2	1,045,883	1,891,208	—845,325	—44.7	383,471	215,395	334	919	0.37	0.11
West North Central	3,738	2,011	0.3	0.2	318,958	473,196	—154,238	—32.6	124,679	59,999	85	235	0.39	0.13
South Atlantic	977	1,343	0.1	0.1	278,547	480,805	—202,258	—42.1	109,878	51,024	285	358	0.39	0.11
East South Central	482	340	(1)	(1)	136,022	93,971	42,051	44.7	56,815	9,708	282	276	0.42	0.10
West South Central	1,786	1,367	0.2	0.1	133,374	424,482	—291,108	—68.6	53,924	44,597	75	311	0.40	0.11
Mountain	2,177	1,114	0.9	0.6	512,669	457,740	54,929	12.0	207,040	70,897	235	411	0.40	0.15
Pacific	1,617	721	0.7	0.4	2,474,438	3,000,048	—525,610	—17.5	817,005	413,432	1,530	4,161	0.33	0.14
NEW ENGLAND:														
Maine	279	278	0.6	0.5	55,161	118,216	—63,055	—53.3	20,412	18,872	198	425	0.37	0.16
New Hampshire	124	206	0.6	0.8	32,469	180,996	—148,527	—82.1	12,339	24,456	262	879	0.38	0.14
Vermont	69	88	0.2	0.3	75,502	245,884	—170,382	—69.3	27,182	32,583	1,094	2,794	0.36	0.13
Massachusetts	314	80	1.0	0.2	60,796	45,753	15,043	32.9	23,709	5,311	194	572	0.39	0.12
Rhode Island	69	22	1.7	0.4	10,410	3,860	6,550	169.7	3,748	615	151	175	0.36	0.16
Connecticut	358	143	1.6	0.5	90,500	79,156	11,344	14.3	34,390	7,352	253	554	0.38	0.09
MIDDLE ATLANTIC:														
New York	1,030	522	0.5	0.2	521,445	390,049	131,396	33.7	172,076	33,195	506	747	0.33	0.09
New Jersey	447	228	1.5	0.7	92,984	77,824	15,160	19.5	29,755	9,277	208	341	0.32	0.12
Pennsylvania	1,359	1,533	0.7	0.7	532,238	1,442,676	—910,438	—63.1	191,602	152,000	392	941	0.36	0.11
EAST NORTH CENTRAL:														
Ohio	936	729	0.4	0.3	434,042	613,233	—179,191	—29.2	172,752	57,182	464	841	0.40	0.09
Indiana	575	291	0.3	0.1	109,234	63,619	45,615	71.7	39,325	7,800	190	219	0.36	0.12
Illinois	855	379	0.4	0.2	117,830	81,918	35,912	43.8	45,959	8,396	138	216	0.39	0.10
Michigan	377	246	0.2	0.1	76,660	291,176	—214,516	—73.7	26,836	36,228	203	1,184	0.35	0.12
Wisconsin	387	413	0.2	0.2	308,117	841,262	—533,145	—63.4	98,599	105,789	796	2,037	0.32	0.13
WEST NORTH CENTRAL:														
Minnesota	571	354	0.3	0.2	71,820	106,075	—34,255	—32.3	27,296	14,375	126	300	0.38	0.14
Iowa	512	341	0.2	0.2	53,273	78,538	—25,265	—32.2	20,248	10,689	104	230	0.38	0.14
Missouri	1,004	678	0.4	0.2	90,435	159,785	—69,350	—43.4	33,465	17,495	90	236	0.37	0.11
North Dakota	692	277	0.9	0.4	50,065	22,754	27,311	120.0	22,031	2,976	72	82	0.44	0.13
South Dakota	209	64	0.3	0.1	10,591	14,344	—3,753	—26.2	4,450	2,011	51	224	0.42	0.14
Nebraska	317	123	0.3	0.1	23,117	63,773	—40,656	—63.8	9,711	8,477	73	518	0.42	0.13
Kansas	433	174	0.3	0.1	19,657	27,927	—8,270	—29.6	7,478	3,976	45	161	0.38	0.14
SOUTH ATLANTIC:														
Delaware	9	4	0.1	(1)	3,170	700	2,470	352.9	1,173	114	352	175	0.37	0.16
Maryland	194	202	0.4	0.4	126,190	259,386	—133,196	—51.4	50,475	26,277	650	1,284	0.40	0.10
Dist. of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	333	609	0.2	0.3	39,765	97,263	—57,498	—59.1	13,926	9,191	119	160	0.35	0.09
West Virginia	237	222	0.3	0.2	88,562	70,473	18,089	25.7	36,638	9,063	374	317	0.41	0.13
North Carolina	162	278	0.1	0.1	16,168	39,353	—23,185	—58.9	5,662	3,729	100	142	0.35	0.09
South Carolina	1	16	(1)	(1)	171	12,909	—12,738	—98.7	72	2,542	171	807	0.42	0.20
Georgia	15	9	(1)	(1)	1,365	399	966	242.1	575	72	91	44	0.42	0.18
Florida	26	3	(1)	(1)	3,156	322	2,834	880.1	1,357	36	121	107	0.43	0.11
EAST SOUTH CENTRAL:														
Kentucky	150	122	0.1	(1)	13,643	56,148	—42,505	—75.7	5,596	4,843	91	460	0.41	0.09
Tennessee	233	140	0.1	0.1	114,386	18,592	95,794	515.2	48,036	2,108	491	133	0.42	0.12
Alabama	52	35	(1)	(1)	5,210	5,528	—318	—5.8	2,125	759	100	158	0.41	0.14
Mississippi	47	43	(1)	(1)	2,783	13,703	—10,920	—79.7	1,058	1,933	59	319	0.38	0.14
WEST SOUTH CENTRAL:														
Arkansas	104	120	(1)	0.1	8,603	20,435	—11,832	—57.9	3,441	3,027	83	170	0.40	0.15
Louisiana	40	68	(1)	0.1	5,972	190,089	—184,117	—96.9	2,628	18,065	149	2,795	0.44	0.10
Oklahoma	186	84	0.1	(1)	11,116	18,968	—7,852	—41.4	4,785	3,154	60	226	0.43	0.17
Texas	1,456	1,095	0.3	0.3	107,683	194,990	—87,307	—44.8	43,070	20,351	74	178	0.40	0.10
MOUNTAIN:														
Montana	327	52	0.6	0.2	43,223	49,988	—6,765	—13.5	16,861	8,195	132	961	0.39	0.16
Idaho	256	175	0.6	0.6	31,684	90,675	—58,991	—65.1	10,774	13,525	124	518	0.34	0.15
Wyoming	86	29	0.5	0.3	6,837	10,276	—3,439	—33.5	2,599	1,591	80	354	0.38	0.15
Colorado	440	122	0.7	0.3	157,186	69,895	87,291	124.9	70,739	10,045	357	573	0.45	0.14
New Mexico	466	503	1.6	1.4	87,087	81,869	5,218	6.4	31,351	13,515	187	163	0.36	0.17
Arizona	139	97	1.4	1.1	90,119	60,690	29,429	48.5	37,851	9,115	648	626	0.42	0.15
Utah	374	104	1.5	0.5	73,606	84,102	—10,496	—12.5	27,237	13,125	197	809	0.37	0.16
Nevada	89	32	2.8	1.2	22,927	10,245	12,682	123.8	9,628	1,786	258	320	0.42	0.17
PACIFIC:														
Washington	264	88	0.4	0.2	84,868	52,970	31,898	60.2	28,006	6,787	321	602	0.33	0.13
Oregon	238	153	0.5	0.3	43,898	169,205	—125,307	—74.1	14,926	23,151	184	1,106	0.34	0.14
California	1,115	480	0.9	0.5	2,345,672	2,777,873	—432,201	—15.6	774,073	383,494	2,104	5,787	0.33	0.14

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

TABLE 12.—CHEESE MADE ON FARMS, BY DIVISIONS AND STATES: 1849 TO 1919.

DIVISION AND STATE.	CHEESE MADE ON FARMS (POUNDS).							
	1919	1909	1899	1889	1879	1869	1859	1849
United States	**6,371,396**	**9,405,864**	**16,372,318**	**18,726,818**	**27,272,489**	**53,492,153**	**103,663,927**	**105,535,893**
GEOGRAPHIC DIVISIONS:								
New England	324,838	673,865	1,003,103	1,906,970	5,243,489	11,191,451	21,620,996	27,119,778
Middle Atlantic	1,146,667	1,910,549	3,506,096	4,786,701	9,437,794	23,953,402	51,239,017	52,612,203
East North Central	1,045,883	1,891,208	3,636,013	3,007,435	6,294,826	12,377,598	26,819,442	24,134,106
West North Central	318,958	473,196	1,684,109	3,661,986	2,636,853	1,800,407	1,418,969	413,412
South Atlantic	273,547	480,805	480,448	271,291	299,918	190,890	369,302	610,836
East South Central	136,022	93,971	137,327	145,770	175,538	263,290	346,325	444,238
West South Central	133,374	424,482	336,113	172,597	92,385	48,208	298,091	127,344
Mountain	512,669	457,740	720,596	565,636	262,670	175,035	90,571	36,846
Pacific	2,474,438	3,000,048	4,868,513	4,208,432	2,829,016	3,491,872	1,461,214	37,130
NEW ENGLAND:								
Maine	55,161	118,216	425,102	696,052	1,167,730	1,152,590	1,799,862	2,434,454
New Hampshire	32,469	180,996	104,339	341,235	807,076	849,118	2,232,092	3,196,563
Vermont	75,502	245,884	406,659	609,586	1,545,789	4,830,700	8,215,030	8,720,834
Massachusetts	60,796	45,753	19,629	122,900	829,528	2,245,873	5,294,090	7,088,142
Rhode Island	10,410	3,860	6,751	24,631	67,171	81,976	181,511	316,508
Connecticut	90,500	79,156	40,623	112,566	826,195	2,031,194	3,898,411	5,363,277
MIDDLE ATLANTIC:								
New York	521,445	390,049	2,624,552	4,324,028	8,362,590	22,769,964	48,548,289	49,741,413
New Jersey	92,984	77,824	24,377	23,613	66,518	38,229	182,172	365,756
Pennsylvania	532,238	1,442,676	857,167	439,060	1,008,686	1,145,209	2,508,556	2,505,034
EAST NORTH CENTRAL:								
Ohio	434,042	613,233	1,167,001	1,068,083	2,170,245	8,169,486	21,618,893	20,819,542
Indiana	109,234	63,619	178,733	360,948	367,561	283,807	605,795	624,564
Illinois	117,830	81,918	323,485	343,456	1,035,069	1,661,703	1,848,557	1,278,225
Michigan	76,660	291,176	331,176	328,682	440,540	670,804	1,641,897	1,011,492
Wisconsin	308,117	841,262	1,635,618	906,266	2,281,411	1,591,798	1,104,300	400,283
WEST NORTH CENTRAL:								
Minnesota	71,820	106,075	290,628	676,642	523,138	233,977	199,314	.....
Iowa	53,273	78,538	306,428	1,038,358	1,075,988	1,087,741	918,635	209,840
Missouri	90,435	159,785	323,439	288,620	283,484	204,090	259,633	203,572
North Dakota [1]	50,065	22,754	70,881	131,374	600	1,850	.....	.....
South Dakota [1]	10,591	14,344	136,863	303,951	38,837	.....	.....	.....
Nebraska	23,117	63,773	264,430	463,831	230,819	46,142	12,342	.....
Kansas	19,657	27,927	291,445	759,210	483,987	226,607	29,045	.....
SOUTH ATLANTIC:								
Delaware	3,170	700	104	359	1,712	315	6,579	3,187
Maryland	126,190	259,386	338,453	9,573	17,416	6,732	8,342	3,975
District of Columbia	.....	.....	.....	.....	.....	.....	.....	1,500
Virginia [2]	39,765	97,263	31,697	109,187	85,535	71,743	280,852	436,292
West Virginia [2]	88,562	70,473	74,243	74,372	100,300	32,429	.....	.....
North Carolina	10,168	39,353	28,883	60,760	57,380	75,185	51,119	95,921
South Carolina	171	12,909	1,081	2,476	16,018	169	1,543	4,970
Georgia	1,365	399	2,236	12,833	19,151	4,292	15,587	46,976
Florida	3,156	322	3,751	1,731	2,406	25	5,280	18,015
EAST SOUTH CENTRAL:								
Kentucky	13,643	56,148	45,759	64,822	58,468	115,219	190,400	213,954
Tennessee	114,386	18,592	26,622	69,919	98,740	142,240	135,575	177,681
Alabama	5,210	5,528	36,374	6,131	14,091	2,732	15,923	31,412
Mississippi	2,783	13,703	28,572	4,898	4,239	3,099	4,427	21,191
WEST SOUTH CENTRAL:								
Arkansas	8,603	20,435	18,385	21,328	26,301	2,119	16,810	30,088
Louisiana	5,972	190,089	135,104	3,939	7,618	11,747	6,153	1,957
Oklahoma [3]	11,116	18,968	46,491	1,600	.....	.....	.....	.....
Texas	107,683	194,990	136,133	145,730	58,466	34,342	275,128	95,299
MOUNTAIN:								
Montana	43,223	49,988	30,924	11,512	55,570	25,603	.....	.....
Idaho	31,684	90,675	196,952	207,213	20,295	4,464	.....	.....
Wyoming	6,837	10,276	24,327	15,196	2,930	.....	.....	.....
Colorado	157,186	69,895	103,184	87,183	10,867	33,626	.....	.....
New Mexico	87,087	81,869	68,571	18,931	10,501	27,239	37,240	5,848
Arizona	90,119	60,690	33,305	10,855	18,360	14,500	.....	.....
Utah	73,606	84,102	169,251	163,539	126,727	69,603	53,331	30,998
Nevada	22,927	10,245	94,082	51,207	17,420	.....	.....	.....
PACIFIC:								
Washington	84,868	52,970	151,669	71,281	109,200	17,465	12,146	.....
Oregon	43,898	169,205	467,256	265,576	153,198	79,333	105,379	36,980
California	2,345,672	2,777,873	4,249,588	3,871,575	2,566,618	3,395,074	1,343,689	150

[1] North Dakota and South Dakota admitted as states in 1889. Figures for cheese made on farms in 1879 obtained by consolidating data for the counties which then occupied the areas now known as North and South Dakota, respectively. The 1869 figures are for Dakota Territory.
[2] In 1859 and 1849 Virginia included the area now known as West Virginia.
[3] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone; no data for earlier years.

TABLE 13.—CHEESE MADE IN FACTORIES, AND ON FARMS AND IN FACTORIES, BY DIVISIONS AND STATES: 1879 TO 1919.

DIVISION AND STATE.	CHEESE MADE IN FACTORIES (POUNDS).[1]					CHEESE MADE ON FARMS AND IN FACTORIES (POUNDS).[1]				
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879
United States	473,569,199	311,126,317	281,972,324	238,035,065	171,750,495	479,940,595	320,532,181	298,344,642	256,761,883	199,022,984
GEOGRAPHIC DIVISIONS:										
New England	(2)	3,002,744	5,955,597	7,200,062	6,648,469	(2)	3,676,609	6,958,700	9,107,032	11,891,958
Middle Atlantic	105,188,947	116,428,935	137,753,475	125,344,961	114,847,057	106,335,614	118,339,484	141,259,571	130,131,662	124,284,851
East North Central	321,903,834	178,532,241	116,643,076	90,772,373	44,037,923	322,949,717	180,423,449	120,279,089	93,779,808	50,332,749
West North Central	(2)	(2)	11,982,895	12,784,067	4,370,982	(2)	(2)	13,667,004	16,446,053	7,007,835
South Atlantic	(2)	(2)	112,860	144,000	122,687	(2)	(2)	593,308	415,291	422,605
East South Central	(2)	.....	(2)	(2)	9,000	(2)	93,971	(2)	(2)	184,538
West South Central	(2)	(2)	137,268	.....	.....	(2)	(2)	473,381	172,597	92,385
Mountain	7,297,707	(2)	(2)	(2)	343,722	7,810,376	(2)	(2)	(2)	606,392
Pacific	21,424,712	6,208,883	5,354,234	1,571,462	1,370,655	23,899,150	9,208,931	10,222,747	5,779,894	4,199,671
NEW ENGLAND:										
Maine	(2)	55,591	553,946	755,761	777,365	(2)	173,807	979,048	1,451,813	1,945,095
New Hampshire	(2)	184,497	116,741	103,386	.....	(2)	365,493	221,080	444,621	807,076
Vermont	4,907,759	2,762,656	4,713,105	5,582,327	4,575,341	4,983,261	3,008,540	5,119,764	6,191,913	6,121,130
Massachusetts	(2)	.....	250,542	262,633	1,093,943	(2)	45,753	270,171	385,533	1,923,471
Rhode Island	(2)	.....	.....	300,000	.....	(2)	3,860	6,751	324,631	67,171
Connecticut	188,922	.....	321,263	195,955	201,820	279,422	79,156	361,886	308,521	1,028,015
MIDDLE ATLANTIC:										
New York	88,957,860	105,194,898	127,386,032	119,762,496	108,722,852	89,470,305	105,584,947	130,010,584	124,086,524	117,085,442
New Jersey	792,379	.....	100,000	563,628	36,400	885,363	77,824	124,377	587,241	102,918
Pennsylvania	15,438,708	11,234,037	10,267,443	5,018,837	6,087,805	15,970,946	12,676,713	11,124,610	5,457,897	7,096,491
EAST NORTH CENTRAL:										
Ohio	5,220,545	11,860,601	18,156,527	21,185,971	17,808,191	5,654,587	12,473,834	19,323,528	22,254,054	19,978,436
Indiana	269,094	424,597	1,260,168	830,552	1,153,714	378,328	488,216	1,438,901	1,191,500	1,521,275
Illinois	4,851,054	4,799,235	9,055,119	10,005,477	4,977,286	4,968,884	4,881,153	9,378,604	10,348,933	6,012,355
Michigan	12,857,230	13,382,160	10,422,582	5,041,778	3,291,738	12,933,890	13,673,336	10,753,758	5,370,460	3,732,278
Wisconsin	298,705,911	148,065,648	77,748,680	53,708,595	16,806,994	299,014,028	148,906,910	79,384,298	54,614,861	19,088,405
WEST NORTH CENTRAL:										
Minnesota	10,116,048	2,735,883	3,285,019	3,615,528	452,191	10,187,868	2,841,958	3,575,642	4,292,170	975,329
Iowa	1,015,790	999,559	4,242,637	4,705,576	2,302,936	1,069,063	1,078,097	4,549,065	5,743,934	3,378,924
Missouri	188,920	219,112	1,072,751	1,384,397	550,265	279,355	378,897	1,396,190	1,673,017	833,749
North Dakota [3]	(2)	(2)	225,399	49,000	700	(2)	(2)	296,280	180,374	1,300
South Dakota [3]	.....	.....	420,779	250,812	.....	10,591	14,344	557,642	554,763	38,837
Nebraska	(2)	77,122	313,600	804,618	273,506	(2)	140,895	578,030	1,268,449	504,325
Kansas	35,436	(2)	2,422,710	1,974,136	791,384	55,093	(2)	2,714,155	2,733,346	1,275,371
SOUTH ATLANTIC:										
Delaware	(2)	(2)	15,000	.....	.....	(2)	(2)	15,104	359	1,712
Maryland	(2)	.....	.....	14,000	.....	(2)	259,386	338,453	23,578	17,416
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	(2)	(2)	57,000	109,000	26,000	(2)	(2)	88,697	218,187	111,535
West Virginia	.....	(2)	40,860	21,000	96,687	88,562	(2)	115,103	95,372	196,987
North Carolina	192,539	.....	.....	.....	.....	208,707	39,353	28,883	60,760	57,380
South Carolina	.....	.....	.....	.....	.....	171	12,909	1,081	2,476	16,018
Georgia	.....	.....	.....	.....	.....	1,365	399	2,236	12,833	19,151
Florida	.....	.....	.....	.....	.....	3,156	322	3,751	1,731	2,406
EAST SOUTH CENTRAL:										
Kentucky	(2)	.....	28,000	(2)	.....	(2)	56,148	73,759	(2)	58,468
Tennessee	(2)	.....	6,201	31,300	9,000	(2)	18,592	32,823	101,219	107,740
Alabama	.....	.....	10,000	.....	.....	5,210	5,528	46,374	6,131	14,091
Mississippi	.....	.....	(2)	.....	.....	2,783	13,703	(2)	4,898	4,239
WEST SOUTH CENTRAL:										
Arkansas	.....	.....	12,600	.....	.....	8,603	20,435	30,985	21,328	26,301
Louisiana	.....	(2)	.....	.....	.....	5,972	(2)	135,104	3,939	7,618
Oklahoma [4]	.....	.....	66,378	.....	.....	11,116	18,968	112,869	1,600	.....
Texas	(2)	(2)	58,290	.....	.....	(2)	(2)	194,423	145,730	58,466
MOUNTAIN:										
Montana	390,527	.....	.....	(2)	24,500	433,750	49,988	30,924	(2)	80,070
Idaho	2,623,440	(2)	194,380	116,640	97,000	2,655,124	(2)	391,332	323,853	117,295
Wyoming	1,502,022	(2)	(2)	(2)	.....	1,508,859	(2)	(2)	(2)	2,930
Colorado	1,163,140	550,622	1,465,257	44,500	64,500	1,320,326	620,517	1,568,441	131,683	75,367
New Mexico	.....	.....	.....	.....	.....	87,087	81,869	68,571	18,931	10,501
Arizona	547,645	421,043	373,752	.....	17,700	637,764	481,733	407,057	10,855	36,060
Utah	1,070,933	1,060,122	1,874,179	13,200	140,022	1,144,539	1,144,224	2,043,430	176,739	266,749
Nevada	.....	.....	80,150	.....	.....	22,927	10,245	174,232	51,207	17,420
PACIFIC:										
Washington	2,291,428	422,290	1,482,127	249,700	70,000	2,376,296	475,260	1,633,796	320,981	179,200
Oregon	9,424,399	4,218,953	1,195,564	230,540	146,534	9,468,297	4,388,158	1,662,820	496,116	299,732
California	9,708,885	1,567,640	2,676,543	1,091,222	1,154,121	12,054,557	4,345,513	6,926,131	4,962,797	3,720,739

[1] The figures for 1919 and 1909 are exclusive of cheese made as an incidental product in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk. This amounted to 1,761,621 pounds in 1919 and 49,413 pounds in 1909.
[2] Not shown separately, as to do so would disclose individual operations.
[3] North Dakota and South Dakota admitted as states in 1889. Figures for cheese made in factories shown for North Dakota in 1879 are for Dakota Territory.
[4] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone; no data for 1879.

TABLE 14.—RECEIPTS FROM SALE OF DAIRY PRODUCTS, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	TOTAL.		MILK SOLD.		CREAM SOLD.		BUTTER FAT SOLD.		BUTTER SOLD.		Cheese sold, 1909 [1]
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	
United States	$1,239,812,049	$473,769,412	$717,380,222	$252,436,757	$111,905,929	$37,655,047	$303,552,156	$82,311,511	$106,973,742	$100,378,123	$987,974
GEOGRAPHIC DIVISIONS:											
New England	94,240,873	47,538,217	71,144,292	31,344,948	3,565,193	3,168,909	10,747,879	4,413,631	8,783,509	8,533,864	76,865
Middle Atlantic	285,223,148	122,989,049	249,921,321	93,644,462	4,389,553	1,713,979	7,366,588	12,222,106	23,545,686	15,229,862	177,640
East North Central	414,022,756	138,401,771	244,928,398	73,063,198	38,026,639	10,157,366	108,703,115	23,128,671	22,364,604	31,855,809	196,727
West North Central	211,170,872	84,390,336	37,259,897	18,214,700	41,499,188	14,530,377	117,777,048	31,270,493	14,634,739	20,333,127	41,639
South Atlantic	47,807,452	17,137,738	28,832,599	8,603,975	1,863,063	743,112	1,850,432	125,727	15,261,358	7,622,916	42,008
East South Central	27,430,954	9,301,281	10,683,233	4,126,971	3,621,192	265,754	4,593,000	59,062	8,533,529	4,842,959	6,535
West South Central	33,256,045	11,922,158	14,892,395	4,700,646	4,508,407	795,188	6,244,965	1,015,068	7,610,278	5,381,690	29,566
Mountain	32,820,793	10,141,383	13,862,276	5,346,099	5,547,491	1,230,340	9,691,652	1,352,095	3,719,374	2,166,918	45,931
Pacific	93,839,156	31,947,479	45,855,811	13,391,758	8,885,203	5,050,022	36,577,477	8,723,658	2,520,665	4,410,978	371,063
NEW ENGLAND:											
Maine	15,543,524	6,722,779	8,881,006	2,518,384	959,336	499,365	1,639,385	1,257,017	4,063,798	2,433,332	14,681
New Hampshire	9,627,286	5,130,057	7,389,956	3,613,676	408,456	273,714	438,807	168,159	1,390,067	1,052,226	22,282
Vermont	26,634,760	11,501,577	15,581,083	4,108,228	1,264,889	1,537,698	8,032,796	2,264,928	1,755,992	3,559,314	31,409
Massachusetts	24,279,643	14,840,927	22,698,929	13,297,634	472,840	475,824	308,826	367,523	799,048	696,336	3,610
Rhode Island	3,770,528	2,017,444	3,667,306	1,903,546	43,522	55,997	10,471	1,622	49,229	55,955	324
Connecticut	14,385,132	7,325,433	12,926,012	5,903,480	416,151	326,311	317,594	354,382	725,375	736,701	4,559
MIDDLE ATLANTIC:											
New York	174,155,050	74,939,815	159,005,454	60,593,426	2,614,759	904,502	3,555,857	10,007,652	8,978,980	3,407,122	27,113
New Jersey	18,617,574	9,685,352	18,056,363	8,937,246	125,711	76,399	31,265	73,743	404,235	593,826	4,138
Pennsylvania	92,450,524	38,363,882	72,859,504	24,113,790	1,649,083	733,078	3,779,466	2,141,711	14,162,471	11,228,914	146,389
EAST NORTH CENTRAL:											
Ohio	72,539,099	25,574,635	38,978,117	13,625,828	10,131,885	1,498,138	15,898,417	1,982,653	7,530,680	9,021,150	46,806
Indiana	38,003,286	12,768,710	12,612,103	4,717,136	8,255,252	920,369	13,867,056	1,618,075	3,268,875	5,508,198	4,932
Illinois	63,614,988	26,720,849	42,349,483	18,314,172	7,893,871	1,515,676	8,855,845	1,210,748	4,515,789	5,674,830	5,423
Michigan	62,783,113	22,099,178	34,335,072	8,365,401	5,964,703	1,675,024	17,041,904	4,845,013	5,441,434	7,178,433	35,307
Wisconsin	177,082,270	51,238,399	116,653,623	28,640,661	5,780,928	4,548,159	53,039,893	13,472,182	1,607,826	4,473,198	104,199
WEST NORTH CENTRAL:											
Minnesota	69,768,098	25,214,222	11,583,626	6,146,512	7,380,909	3,542,993	48,533,294	10,922,293	2,270,269	4,591,554	10,870
Iowa	45,362,250	26,429,743	8,519,484	6,032,685	8,379,826	5,071,600	25,077,344	11,020,868	3,385,596	4,296,424	8,166
Missouri	23,600,175	8,187,856	5,691,864	2,756,163	6,627,837	938,157	7,778,939	1,229,478	3,501,535	3,253,565	10,493
North Dakota	13,956,477	2,876,298	998,961	293,956	4,062,780	528,977	7,495,928	537,816	1,398,808	1,514,215	1,334
South Dakota	12,222,562	4,501,430	842,421	350,303	3,681,313	1,436,094	6,928,089	1,379,691	770,739	1,334,308	1,034
Nebraska	17,982,199	7,631,658	3,136,984	1,001,081	4,993,050	1,399,408	8,689,839	2,771,815	1,162,326	2,451,987	7,367
Kansas	28,279,111	9,549,129	6,486,557	1,634,000	6,373,473	1,613,148	13,273,615	3,408,532	2,145,466	2,891,074	2,375
SOUTH ATLANTIC:											
Delaware	2,442,253	966,173	1,993,745	665,963	41,685	18,666	39,326	4,326	367,497	277,202	16
Maryland	12,166,328	4,784,232	9,528,506	3,064,878	378,956	295,963	249,323	83,676	2,009,543	1,313,822	25,893
District of Columbia	77,918	116,116	77,774	115,581	63	.....	32	.....	49	535	.....
Virginia	11,115,633	3,772,617	6,068,111	1,766,468	726,105	220,274	639,683	25,333	3,681,734	1,756,000	4,542
West Virginia	6,470,872	2,532,324	2,466,158	864,958	355,093	69,116	304,657	2,503	3,344,964	1,588,613	7,134
North Carolina	5,938,555	1,787,245	2,679,728	548,526	160,758	21,399	435,672	2,146	2,662,397	1,212,464	2,710
South Carolina	2,306,536	626,305	1,285,534	218,857	29,556	13,721	48,369	2,924	943,077	389,134	1,669
Georgia	5,435,372	1,974,011	3,053,647	887,040	141,000	94,031	115,991	4,187	2,124,734	988,723	30
Florida	1,853,985	578,715	1,679,396	471,704	29,847	9,942	17,379	632	127,363	96,423	14
EAST SOUTH CENTRAL:											
Kentucky	10,716,872	3,729,237	3,618,807	1,783,275	2,232,182	108,334	2,275,566	41,456	2,590,317	1,793,142	3,030
Tennessee	8,537,425	3,211,978	3,172,241	1,210,092	587,514	101,266	1,063,225	9,014	3,714,445	1,890,272	1,334
Alabama	4,349,004	1,358,504	2,457,728	703,788	207,137	28,115	269,420	5,926	1,414,719	620,177	498
Mississippi	3,827,653	1,001,562	1,434,457	429,816	594,359	28,039	984,789	2,666	814,048	539,368	1,673
WEST SOUTH CENTRAL:											
Arkansas	3,674,771	1,505,882	1,469,776	638,755	332,771	43,642	456,152	18,420	1,416,072	803,841	1,224
Louisiana	2,714,391	1,588,338	2,409,576	1,277,122	35,797	34,306	35,802	1,828	233,216	257,750	17,332
Oklahoma	11,998,313	3,366,515	2,738,708	715,455	3,248,949	362,612	4,132,281	670,821	1,878,375	1,615,694	1,933
Texas	14,868,570	5,461,423	8,274,335	2,069,314	890,890	354,628	1,620,730	323,999	4,082,615	2,704,405	9,077
MOUNTAIN:											
Montana	5,620,378	1,646,693	1,821,781	832,391	1,247,557	248,397	1,541,353	192,819	1,009,687	365,916	7,170
Idaho	6,368,269	1,379,390	1,831,036	365,375	1,113,079	265,025	2,667,303	336,178	756,851	403,744	9,068
Wyoming	1,605,083	338,926	577,347	155,882	290,704	33,181	527,740	17,748	209,292	131,116	998
Colorado	10,555,075	3,407,723	4,624,288	1,988,153	1,920,574	299,626	3,126,259	311,222	883,954	800,740	7,982
New Mexico	1,538,162	434,199	725,419	295,634	284,154	11,998	348,680	3,282	179,909	119,468	3,817
Arizona	2,481,144	842,210	1,781,380	573,095	131,988	37,280	457,984	184,574	109,812	39,924	7,337
Utah	3,819,691	1,648,655	2,276,197	916,015	436,118	223,840	565,972	242,075	541,404	257,379	9,346
Nevada	832,991	443,588	224,848	219,554	123,317	110,993	456,361	64,197	28,465	48,631	213
PACIFIC:											
Washington	25,412,685	7,693,479	16,363,465	3,889,006	2,233,112	1,486,924	5,698,922	1,371,075	1,117,186	941,285	5,189
Oregon	15,916,507	5,170,703	6,774,576	2,156,576	1,635,358	701,177	6,857,330	1,586,189	649,243	706,301	20,460
California	52,509,964	19,083,297	22,717,770	7,346,176	5,016,733	2,861,921	24,021,225	5,766,394	754,236	2,763,392	345,414

[1] No data for cheese sold in 1919.

TABLE 15.—MILK AND CREAM SOLD, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease. Per cent not shown when more than 1,000.]

DIVISION AND STATE.	MILK SOLD.						CREAM SOLD.					
	Farms reporting.		Quantity (gallons).				Farms reporting.		Quantity (gallons).			
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.
United States	**710,694**	**493,916**	**2,529,331,413**	**1,937,255,864**	**592,075,549**	**30.6**	**445,611**	**164,117**	**82,247,580**	**54,933,583**	**27,313,997**	**49.7**
GEOGRAPHIC DIVISIONS:												
New England	55,726	48,766	208,464,058	175,209,759	33,254,299	19.0	6,970	7,975	2,487,936	4,469,060	—1,981,124	—44.3
Middle Atlantic	176,950	141,344	879,984,088	750,556,634	129,427,454	17.2	9,424	4,859	3,116,194	2,446,696	669,498	27.4
East North Central	235,565	163,532	948,491,089	661,302,433	287,188,656	43.4	154,973	46,218	27,654,771	15,272,040	12,382,731	81.1
West North Central	58,605	48,330	129,303,194	144,537,918	—15,234,724	—10.5	192,794	85,691	31,949,388	22,599,643	9,349,745	41.4
South Atlantic	56,018	26,844	81,264,102	45,378,866	35,885,236	79.1	4,735	1,645	1,417,055	1,027,441	389,614	37.9
East South Central	44,846	23,739	32,803,250	22,593,214	10,210,036	45.2	17,433	501	2,616,454	368,959	2,247,495	609.1
West South Central	38,548	16,434	36,808,346	21,070,626	15,737,720	74.7	25,332	3,984	3,243,867	1,064,000	2,179,867	204.9
Mountain	15,289	9,665	47,821,325	31,108,665	16,712,660	53.7	19,817	4,474	3,952,032	1,549,881	2,402,151	155.0
Pacific	29,147	15,262	164,391,961	85,497,749	78,894,212	92.3	14,133	8,770	5,809,883	6,135,863	—325,980	—5.3
NEW ENGLAND:												
Maine	12,020	8,090	28,190,733	12,784,866	15,405,867	120.5	2,480	2,124	742,813	737,706	5,107	0.7
New Hampshire	7,728	7,725	23,043,256	21,132,268	1,910,988	9.0	993	961	264,635	380,944	—116,309	—30.5
Vermont	10,570	7,540	55,319,390	33,998,934	21,320,456	62.7	1,737	2,988	928,843	2,353,686	—1,424,843	—60.5
Massachusetts	14,681	15,703	55,676,858	64,496,692	—8,819,834	—13.7	991	905	310,918	501,876	—190,958	—38.0
Rhode Island	1,993	1,953	9,313,548	8,796,847	516,701	5.9	119	108	30,022	42,421	—12,399	—29.2
Connecticut	8,734	7,755	36,920,273	34,000,152	2,920,121	8.6	650	889	210,705	452,427	—241,722	—53.4
MIDDLE ATLANTIC:												
New York	94,263	80,955	573,161,952	524,279,723	48,882,229	9.3	5,257	2,065	1,815,983	1,207,174	608,809	50.4
New Jersey	10,807	10,185	56,377,196	56,856,550	—479,354	—0.8	189	107	51,114	79,485	—28,371	—35.7
Pennsylvania	71,880	50,204	250,444,940	169,420,361	81,024,579	47.8	3,978	2,687	1,249,097	1,160,037	89,060	7.7
EAST NORTH CENTRAL:												
Ohio	43,919	32,017	139,063,960	99,430,948	39,633,012	39.9	40,092	8,101	7,658,715	2,191,997	5,466,718	249.4
Indiana	22,397	15,295	45,167,166	32,562,414	12,604,752	38.7	39,365	6,847	5,907,414	1,347,660	4,559,754	338.3
Illinois	37,601	31,674	159,578,765	158,031,333	1,547,432	1.0	44,350	7,157	5,626,433	2,104,352	3,522,081	167.4
Michigan	44,380	25,853	130,864,366	74,025,769	56,838,597	76.8	21,978	9,537	4,459,626	2,485,061	1,974,565	79.5
Wisconsin	87,268	58,693	473,816,832	297,251,969	176,564,863	59.4	9,188	14,576	4,002,583	7,142,970	—3,140,387	—44.0
WEST NORTH CENTRAL:												
Minnesota	12,955	15,632	43,151,896	53,181,785	—10,029,889	—18.9	19,488	17,101	5,888,538	5,756,165	132,373	2.3
Iowa	14,158	16,135	31,355,659	55,241,511	—23,885,852	—43.2	38,597	26,930	6,784,753	8,062,449	—1,277,696	—15.8
Missouri	12,251	7,331	17,900,545	15,733,185	2,167,360	13.8	44,218	7,497	4,836,763	1,399,989	3,436,774	245.5
North Dakota	1,879	1,106	3,047,096	1,644,150	1,402,946	85.3	17,812	3,315	3,098,421	834,103	2,264,318	271.5
South Dakota	1,602	1,129	2,697,554	2,385,781	311,773	13.1	15,680	9,197	2,841,406	2,232,961	608,445	27.2
Nebraska	5,349	2,519	10,181,597	6,500,380	3,681,217	56.6	26,759	9,357	3,631,494	1,952,908	1,678,586	86.0
Kansas	10,411	4,478	20,968,847	9,851,126	11,117,721	112.9	30,240	12,234	4,868,013	2,361,068	2,506,945	106.2
SOUTH ATLANTIC:												
Delaware	1,936	1,321	6,876,251	4,425,909	2,450,342	55.4	139	65	34,252	25,809	8,443	32.7
Maryland	9,125	5,632	29,842,910	19,424,325	10,418,585	53.6	693	630	311,436	455,496	—144,060	—31.6
District of Columbia	31	35	129,170	339,345	—210,175	—61.9	1	.....	25	.....	25	.....
Virginia	8,939	3,837	17,009,435	8,577,893	8,431,542	98.3	1,895	276	556,583	302,217	254,366	84.2
West Virginia	5,735	3,663	6,778,970	4,050,741	2,728,229	67.4	963	375	292,106	104,696	187,410	179.0
North Carolina	11,578	4,391	7,060,063	2,380,029	4,680,034	196.6	651	131	100,933	21,329	79,604	373.2
South Carolina	5,581	2,266	2,870,607	919,745	1,950,862	212.1	137	58	18,155	11,282	6,873	60.9
Georgia	10,636	4,537	7,389,966	3,872,098	3,517,868	90.9	193	89	86,908	97,564	—10,656	—10.9
Florida	2,457	1,162	3,306,730	1,388,781	1,917,949	138.1	63	21	16,657	9,048	7,609	84.1
EAST SOUTH CENTRAL:												
Kentucky	15,952	8,812	12,469,133	10,415,482	2,053,651	19.7	13,238	236	1,581,285	159,016	1,422,269	894.4
Tennessee	12,406	6,461	9,831,349	6,814,209	3,017,140	44.3	2,057	147	490,112	145,976	344,136	235.7
Alabama	10,020	4,746	6,408,962	3,397,426	3,011,536	88.6	472	73	150,474	28,385	122,089	430.1
Mississippi	6,468	3,720	4,093,806	1,966,097	2,127,709	108.2	1,666	45	394,583	35,582	359,001	.....
WEST SOUTH CENTRAL:												
Arkansas	10,162	4,941	4,332,116	3,952,322	379,794	9.6	1,875	132	234,791	53,302	181,489	340.5
Louisiana	3,591	2,195	5,334,031	4,501,119	832,912	18.5	75	30	19,459	32,433	—12,974	—40.0
Oklahoma	7,512	2,919	7,781,754	3,626,217	4,155,537	114.6	17,838	2,634	2,338,859	526,193	1,812,666	344.5
Texas	17,283	6,379	19,360,445	8,990,968	10,369,477	115.3	5,544	1,188	650,758	452,072	198,686	44.0
MOUNTAIN:												
Montana	1,752	681	5,101,542	3,584,689	1,516,853	42.3	4,991	563	926,842	274,979	651,863	237.1
Idaho	3,036	1,214	6,302,891	2,060,111	4,242,780	205.9	4,102	1,249	780,310	319,542	460,768	144.2
Wyoming	790	471	2,144,590	1,377,607	766,983	55.7	1,280	139	204,273	46,680	157,593	337.6
Colorado	4,996	2,184	16,086,983	10,037,067	6,049,916	60.3	7,046	1,021	1,381,758	440,257	941,501	213.9
New Mexico	1,055	748	1,626,479	1,036,922	589,557	56.9	1,324	45	198,098	9,679	188,419	.....
Arizona	1,216	515	6,707,170	3,347,723	3,359,447	100.4	174	57	92,089	37,744	54,345	144.0
Utah	2,263	3,708	9,051,137	8,471,713	579,424	6.8	728	1,275	291,659	270,225	21,434	7.9
Nevada	181	144	800,533	1,192,833	—392,300	—32.9	172	125	77,003	150,775	—73,772	—48.9
PACIFIC:												
Washington	13,041	5,605	63,575,339	25,524,209	38,051,130	149.1	5,566	3,343	1,586,806	1,911,261	—324,455	—17.0
Oregon	6,590	3,751	22,878,290	14,640,108	8,238,182	56.3	4,173	2,294	1,106,341	827,541	278,800	33.7
California	9,516	5,906	77,938,332	45,333,432	32,604,900	71.9	4,394	3,133	3,116,736	3,397,061	—280,325	—8.3

TABLE 16.—BUTTER FAT AND BUTTER SOLD, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease. Per cent not shown when more than 1,000.]

DIVISION AND STATE.	BUTTER FAT SOLD.						BUTTER SOLD.					
	Farms reporting.		Quantity (pounds).				Farms reporting.		Quantity (pounds).			
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.
United States	875,200	361,126	532,244,072	305,662,587	226,581,485	74.1	1,269,814	1,785,408	207,859,564	415,080,489	—207,220,925	—49.9
GEOGRAPHIC DIVISIONS:												
New England	14,357	12,127	17,571,096	14,599,430	2,971,666	20.4	37,437	53,535	14,670,830	29,528,001	—14,857,171	—50.3
Middle Atlantic	14,851	34,544	12,490,752	44,023,628	—31,532,876	—71.6	139,125	178,176	41,855,538	57,828,247	—15,972,709	—27.6
East North Central	305,551	106,738	187,178,213	85,099,734	102,078,479	120.0	213,475	502,077	42,377,384	135,159,149	—92,781,765	—68.6
West North Central	398,706	178,909	214,581,923	123,176,904	91,405,019	74.2	202,020	361,806	28,883,728	88,186,732	—59,303,004	—67.2
South Atlantic	10,653	913	3,365,410	505,904	2,859,506	565.2	260,985	253,271	32,495,022	33,888,871	—1,393,849	—4.1
East South Central	23,583	511	8,548,193	217,860	8,330,333	.....	198,398	196,329	19,418,492	22,688,468	—3,269,976	—14.4
West South Central	38,428	7,733	12,431,547	4,465,810	7,965,737	178.4	153,541	177,112	16,421,394	24,321,179	—7,899,785	—32.5
Mountain	31,518	4,931	17,884,633	4,799,182	13,085,451	272.7	37,463	28,900	7,196,857	7,635,775	—438,918	—5.7
Pacific	37,553	14,720	58,192,305	28,774,135	29,418,170	102.2	27,370	34,202	4,540,319	15,844,067	—11,303,748	—71.3
NEW ENGLAND:												
Maine	3,353	4,846	2,705,560	4,060,344	—1,354,784	—33.4	19,895	24,664	6,945,411	8,389,817	—1,444,406	—17.2
New Hampshire	705	493	758,782	566,229	192,553	34.0	5,685	7,716	2,272,752	3,510,593	—1,237,841	—35.3
Vermont	9,145	4,780	13,072,731	7,756,395	5,316,336	68.5	4,629	10,814	2,954,634	12,892,124	—9,937,490	—77.1
Massachusetts	629	1,123	506,851	1,148,019	—641,168	—55.8	3,358	4,557	1,282,887	2,220,311	—937,424	—42.2
Rhode Island	15	38	15,524	5,347	10,177	190.3	370	643	81,150	177,322	—96,172	—54.2
Connecticut	510	847	511,648	1,063,096	—551,448	—51.9	3,500	5,141	1,133,996	2,337,834	—1,203,838	—51.5
MIDDLE ATLANTIC:												
New York	7,228	27,231	6,298,760	36,249,617	—29,950,857	—82.6	52,429	58,563	15,455,725	12,630,113	2,825,612	22.4
New Jersey	98	238	61,579	249,557	—187,978	—75.3	3,624	7,193	674,267	2,003,029	—1,328,762	—66.3
Pennsylvania	7,525	7,075	6,130,413	7,524,454	—1,394,041	—18.5	83,072	112,420	25,725,546	43,195,105	—17,469,559	—40.4
EAST NORTH CENTRAL:												
Ohio	65,997	12,703	29,828,000	7,563,527	22,264,473	294.4	60,317	146,086	14,116,447	39,252,326	—25,135,879	—64.0
Indiana	65,541	13,711	25,922,440	6,361,831	19,560,609	307.5	37,809	114,428	6,438,298	24,715,894	—18,277,596	—74.0
Illinois	49,930	6,649	17,052,544	4,637,745	12,414,799	267.7	58,060	114,723	8,734,470	24,442,251	—15,707,781	—64.3
Michigan	58,378	28,334	31,647,906	18,287,691	13,360,215	73.1	44,874	92,853	10,154,869	30,010,783	—19,855,914	—66.2
Wisconsin	65,705	45,341	82,727,323	48,248,940	34,478,383	71.5	12,415	33,987	2,933,300	16,737,895	—13,804,595	—82.5
WEST NORTH CENTRAL:												
Minnesota	103,050	48,658	82,412,061	40,414,151	41,997,910	103.9	24,168	43,577	4,392,185	18,016,409	—13,624,224	—75.6
Iowa	81,340	58,643	45,411,147	42,917,696	2,493,451	5.8	40,015	59,361	6,463,846	17,917,387	—11,453,541	—63.9
Missouri	48,141	9,993	14,853,783	4,927,383	9,926,400	201.5	61,864	105,089	7,022,562	14,646,771	—7,624,209	—52.1
North Dakota	29,820	3,494	14,607,548	2,185,377	12,422,171	568.4	18,800	27,605	2,898,998	7,019,169	—4,120,171	—58.7
South Dakota	29,593	8,992	13,615,085	5,776,689	7,838,396	135.7	11,020	19,670	1,493,800	5,941,092	—4,447,292	—74.9
Nebraska	46,233	21,181	17,621,330	12,371,699	5,249,631	42.4	17,445	46,186	2,338,491	11,652,068	—9,313,577	—79.9
Kansas	60,529	27,948	26,060,969	14,583,909	11,477,060	78.7	28,708	60,318	4,273,846	12,993,836	—8,719,990	—67.1
SOUTH ATLANTIC:												
Delaware	164	26	76,232	18,149	58,083	320.0	3,234	3,872	675,359	1,024,945	—349,586	—34.1
Maryland	580	321	448,266	343,148	105,118	30.6	16,622	19,572	3,925,042	5,682,228	—1,757,186	—30.9
Dist. of Columbia	1	.....	50	.....	50	.....	4	6	81	1,800	—1,719	—95.5
Virginia	2,862	186	1,163,064	97,558	1,065,506	.....	68,407	68,288	8,007,298	7,983,430	23,868	0.3
West Virginia	1,773	12	581,519	8,421	573,098	.....	42,522	46,549	7,155,413	7,077,664	77,749	1.1
North Carolina	2,810	149	729,419	9,224	720,195	.....	56,998	53,848	5,819,193	5,670,590	148,603	2.6
South Carolina	777	145	98,606	10,023	88,583	883.8	21,553	17,745	1,956,001	1,752,209	203,792	11.6
Georgia	1,510	67	240,456	17,286	223,170	.....	48,841	40,781	4,728,372	4,385,354	343,018	7.8
Florida	176	7	27,798	2,095	25,703	.....	2,804	2,610	228,263	310,651	—82,388	—26.5
EAST SOUTH CENTRAL:												
Kentucky	13,905	311	4,238,223	154,427	4,083,796	.....	63,065	69,161	5,917,916	8,421,827	—2,503,911	—29.7
Tennessee	4,100	79	1,862,519	32,345	1,830,174	.....	76,948	72,409	8,468,929	9,009,307	—540,378	—6.0
Alabama	1,605	115	582,858	21,744	561,114	.....	36,083	29,211	3,160,572	2,805,021	355,551	12.7
Mississippi	3,973	6	1,864,593	9,344	1,855,249	.....	22,302	25,548	1,871,075	2,452,313	—581,238	—23.7
WEST SOUTH CENTRAL:												
Arkansas	3,147	183	897,812	74,607	823,205	.....	34,600	37,672	3,182,328	3,694,311	—511,983	—13.9
Louisiana	478	25	72,455	7,073	65,382	924.4	5,502	8,274	471,596	1,019,420	—547,824	—53.7
Oklahoma	23,942	5,721	8,357,831	3,137,112	5,220,719	166.4	32,303	45,659	3,820,173	7,465,824	—3,645,651	—48.8
Texas	10,861	1,804	3,103,449	1,247,018	1,856,431	148.9	81,136	85,507	8,947,297	12,141,624	—3,194,327	—26.3
MOUNTAIN:												
Montana	6,211	567	2,909,284	652,097	2,257,187	346.1	11,891	3,615	2,062,541	1,234,263	828,278	67.1
Idaho	8,937	1,551	4,951,818	1,191,867	3,759,951	315.5	8,188	5,873	1,381,995	1,417,663	—35,668	—2.5
Wyoming	2,249	63	1,005,907	67,303	938,604	.....	2,183	1,495	395,135	461,952	—66,817	—14.5
Colorado	10,700	1,124	5,804,055	1,087,681	4,716,374	433.6	10,328	10,482	1,739,147	2,914,143	—1,174,996	—40.3
New Mexico	1,798	17	682,973	11,248	671,725	.....	2,380	2,902	332,002	410,634	—78,632	—19.1
Arizona	462	286	762,599	665,850	96,749	14.5	897	453	193,597	120,951	72,646	60.1
Utah	758	1,246	1,049,559	914,133	135,426	14.8	1,393	3,788	1,040,581	919,581	121,000	13.2
Nevada	403	77	718,438	209,003	509,435	243.7	203	292	51,859	156,588	—104,729	—66.9
PACIFIC:												
Washington	11,707	3,759	9,738,094	4,386,283	5,351,811	122.0	12,244	11,774	2,012,530	3,112,326	—1,099,796	—35.3
Oregon	12,399	5,456	10,835,785	5,211,133	5,624,652	107.9	7,362	9,517	1,145,803	2,446,158	—1,300,355	—53.2
California	13,447	5,505	37,618,426	19,176,719	18,441,707	96.2	7,764	12,911	1,381,986	10,285,583	—8,903,597	—86.6

TABLE 17.—MILK SOLD, 1869 TO 1919, AND CREAM SOLD, 1899 TO 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	MILK SOLD (GALLONS).[1]					CREAM SOLD (GALLONS).		
	1919	1909	1899	1879	1869	1919	1909	1899
United States	**2,529,331,413**	**1,937,255,864**	**2,134,830,207**	**530,129,755**	**235,500,599**	**82,247,580**	**54,933,583**	**20,768,662**
GEOGRAPHIC DIVISIONS:								
New England	208,464,058	175,209,759	214,279,534	61,771,013	31,044,175	2,487,936	4,469,060	9,259,207
Middle Atlantic	879,984,088	750,556,634	667,199,558	283,978,856	155,560,971	3,116,194	2,446,696	1,183,298
East North Central	948,491,089	661,302,433	615,740,302	132,000,346	36,807,099	27,654,771	15,272,040	3,200,925
West North Central	129,303,194	144,537,918	439,066,021	23,044,173	2,046,355	31,949,388	22,599,643	6,078,898
South Atlantic	81,264,102	45,378,866	44,521,955	9,446,511	3,187,589	1,417,055	1,027,441	269,012
East South Central	32,803,250	22,593,214	19,610,329	4,214,883	1,883,274	2,616,454	368,959	153,561
West South Central	36,808,346	21,070,626	19,870,589	1,869,905	928,049	3,243,867	1,064,000	67,216
Mountain	47,821,325	31,108,665	32,795,581	996,647	221,639	3,952,032	1,549,881	185,136
Pacific	164,391,961	85,497,749	81,746,338	12,807,421	3,821,448	5,809,883	6,135,863	371,409
NEW ENGLAND:								
Maine	28,190,733	12,784,866	15,979,003	3,720,783	1,374,091	742,813	737,706	2,810,733
New Hampshire	23,043,256	21,132,268	28,988,306	5,739,128	2,352,884	264,635	380,944	552,916
Vermont	55,319,390	33,998,934	57,566,012	6,526,550	3,835,840	928,843	2,353,686	1,591,237
Massachusetts	55,676,858	64,496,692	68,180,759	29,662,953	15,284,057	310,918	501,876	2,315,745
Rhode Island	9,313,548	8,796,847	9,685,988	3,831,706	1,944,044	30,022	42,421	95,321
Connecticut	36,920,273	34,000,152	33,879,466	12,289,893	6,253,259	210,705	452,427	1,893,255
MIDDLE ATLANTIC:								
New York	573,161,952	524,279,723	445,427,888	231,965,533	135,775,919	1,815,983	1,207,174	600,866
New Jersey	56,377,196	56,856,550	50,726,011	15,472,783	5,373,323	51,114	79,485	35,987
Pennsylvania	250,444,940	169,420,361	171,045,659	36,540,540	14,411,729	1,249,097	1,160,037	537,445
EAST NORTH CENTRAL:								
Ohio	139,063,960	99,430,948	84,543,703	46,801,537	22,275,344	7,658,715	2,191,997	429,143
Indiana	45,167,166	32,562,414	36,562,105	6,723,840	936,983	5,907,414	1,347,660	341,510
Illinois	159,578,765	158,031,333	186,549,335	45,419,719	9,258,545	5,626,433	2,104,352	560,532
Michigan	130,864,366	74,025,769	55,635,108	7,898,273	2,277,122	4,459,626	2,485,061	231,139
Wisconsin	473,816,832	297,251,969	252,450,051	25,156,977	2,059,105	4,002,583	7,142,070	1,638,601
WEST NORTH CENTRAL:								
Minnesota	43,151,896	53,181,785	103,768,172	1,504,407	208,130	5,888,538	5,756,165	1,205,845
Iowa	31,355,659	55,241,511	214,338,442	15,965,612	688,800	6,784,753	8,062,449	3,323,073
Missouri	17,900,545	15,733,185	25,954,163	3,173,017	857,704	4,836,763	1,399,989	248,542
North Dakota[2]	3,047,096	1,644,150	3,177,971	11,565	.....	3,098,421	834,103	23,095
South Dakota[2]	2,697,554	2,385,781	20,395,625	403,554	.....	2,841,406	2,232,961	57,910
Nebraska	10,181,597	6,500,380	23,492,560	625,783	95,059	3,631,494	1,952,908	885,056
Kansas	20,968,847	9,851,126	47,939,088	1,360,235	196,662	4,868,013	2,361,068	335,377
SOUTH ATLANTIC:								
Delaware	6,876,251	4,425,909	4,988,462	1,132,434	758,603	34,252	25,809	14,717
Maryland	29,842,910	19,424,325	20,654,446	4,722,944	1,520,101	311,436	455,496	135,169
District of Columbia	129,170	339,345	661,335	496,789	126,077	25	.....	100
Virginia	17,009,435	8,577,803	6,889,183	1,224,469	266,812	556,583	302,217	59,838
West Virginia	6,778,970	4,050,741	3,391,523	750,279	144,895	292,106	104,696	38,855
North Carolina	7,060,063	2,380,029	1,826,631	446,798	17,145	100,933	21,329	4,525
South Carolina	2,870,607	919,745	1,186,045	257,186	241,815	18,155	11,282	4,796
Georgia	7,389,966	3,872,098	3,920,412	374,645	109,139	86,908	97,564	9,585
Florida	3,306,730	1,388,781	1,003,918	40,967	3,002	16,657	9,048	1,427
EAST SOUTH CENTRAL:								
Kentucky	12,469,133	10,415,482	8,932,259	2,513,209	1,345,779	1,581,285	159,016	95,671
Tennessee	9,831,349	6,814,209	5,549,194	1,006,795	415,786	490,112	145,976	22,566
Alabama	6,408,962	3,397,426	3,087,433	267,387	104,657	150,474	28,385	27,133
Mississippi	4,093,806	1,966,097	2,041,443	427,492	17,052	394,583	35,582	8,191
WEST SOUTH CENTRAL:								
Arkansas	4,332,116	3,952,322	4,238,852	316,858	31,350	234,791	53,302	6,008
Louisiana	5,334,031	4,501,119	4,356,979	256,241	833,928	19,459	32,433	3,853
Oklahoma[3]	7,781,754	3,626,217	3,183,553	.....	.....	2,338,859	526,193	10,949
Texas	19,360,445	8,990,968	8,091,205	1,296,806	62,771	650,758	452,072	46,406
MOUNTAIN:								
Montana	5,101,542	3,584,689	3,162,568	41,165	105,186	926,842	274,979	32,863
Idaho	6,302,891	2,060,111	2,789,638	15,627	11,250	780,310	319,542	5,665
Wyoming	2,144,590	1,377,607	698,490	75,343	4,980	204,273	46,680	1,437
Colorado	16,086,983	10,037,067	13,170,810	506,706	19,520	1,381,758	440,257	132,297
New Mexico	1,626,479	1,036,922	633,638	10,036	813	198,098	9,679	3,246
Arizona	6,707,170	3,347,723	1,022,472	42,618	4,800	92,089	37,744	5,643
Utah	9,051,137	8,471,713	9,964,903	155,263	11,240	291,659	270,225	3,312
Nevada	800,533	1,192,833	1,353,062	149,889	63,850	77,003	150,775	673
PACIFIC:								
Washington	63,575,339	25,524,209	14,897,273	226,703	21,060	1,586,806	1,911,261	145,555
Oregon	22,878,290	14,640,108	10,308,119	227,540	107,367	1,106,341	827,541	154,549
California	77,938,332	45,333,432	56,540,946	12,353,178	3,693,021	3,116,736	3,397,061	71,305

[1] No data for 1889.
[2] North Dakota and South Dakota admitted as states in 1889. Figures for 1879 obtained by consolidating data for the counties which then occupied the areas now known as North and South Dakota, respectively. No data for 1869.
[3] Figures for 1899 include Indian Territory. No data for earlier years.

TABLE 18.—BUTTER FAT SOLD, 1919 AND 1909; BUTTER SOLD, 1899 TO 1919; AND CHEESE SOLD, 1909 AND 1899, BY DIVISIONS AND STATES.

DIVISION AND STATE.	BUTTER FAT SOLD (POUNDS).		BUTTER SOLD (POUNDS).			PER CENT THAT BUTTER SOLD FORMED OF BUTTER MADE ON FARMS.			CHEESE SOLD (POUNDS).[1]	
	1919	1909	1919	1909	1899	1919	1909	1899	1909	1899
United States	**532,244,072**	**305,662,587**	**207,859,564**	**415,080,489**	**518,042,767**	**29.4**	**41.7**	**48.3**	**8,136,901**	**14,692,542**
GEOGRAPHIC DIVISIONS:										
New England	17,571,096	14,599,430	14,670,830	29,528,001	38,854,031	66.4	72.5	75.5	591,008	870,036
Middle Atlantic	12,490,752	44,023,628	41,855,538	57,828,247	106,919,914	64.6	65.5	69.1	1,752,682	3,358,354
East North Central	187,178,213	85,099,734	42,377,384	135,159,149	162,381,475	39.2	58.5	56.4	1,718,462	3,317,844
West North Central	214,581,923	123,176,904	28,883,728	88,186,732	122,614,081	22.0	43.8	48.8	334,300	1,331,797
South Atlantic	3,365,410	505,904	32,495,022	33,888,871	24,432,566	26.8	27.5	27.4	385,920	436,703
East South Central	8,548,193	217,860	19,418,492	22,688,468	16,500,683	16.1	16.7	16.9	64,748	77,591
West South Central	12,431,547	4,465,810	16,421,394	24,321,179	15,745,423	16.2	19.0	17.8	270,967	231,316
Mountain	17,884,633	4,799,182	7,106,857	7,635,775	7,092,465	31.5	42.2	47.7	307,141	554,371
Pacific	58,192,305	28,774,135	4,540,319	15,844,067	23,502,129	28.7	57.2	64.7	2,711,673	4,514,530
NEW ENGLAND:										
Maine	2,705,560	4,060,344	6,945,411	8,339,817	11,030,091	64.0	63.1	68.2	94,244	365,936
New Hampshire	758,782	566,229	2,272,752	3,510,593	4,548,617	70.1	69.3	71.2	168,705	77,057
Vermont	13,072,731	7,756,395	2,954,634	12,892,124	15,822,671	76.2	85.0	84.0	238,319	374,240
Massachusetts	506,851	1,148,019	1,232,887	2,220,311	3,684,696	63.5	66.0	74.0	32,490	15,138
Rhode Island	15,524	5,347	81,150	177,322	314,737	46.4	52.2	64.5	2,175	4,779
Connecticut	511,648	1,063,096	1,133,996	2,337,834	3,453,219	58.9	66.8	75.2	55,075	32,886
MIDDLE ATLANTIC:										
New York	6,298,760	36,249,617	15,455,725	12,630,113	51,861,592	62.5	53.8	69.4	334,301	2,524,917
New Jersey	61,579	249,557	674,267	2,003,029	3,748,489	42.1	55.3	63.6	42,462	20,909
Pennsylvania	6,130,413	7,524,454	25,725,546	43,195,105	51,309,833	66.9	70.6	69.1	1,375,919	812,528
EAST NORTH CENTRAL:										
Ohio	29,828,000	7,563,527	14,116,447	39,252,326	47,118,140	46.6	61.7	59.2	518,650	1,047,202
Indiana	25,922,440	6,361,831	6,438,298	24,715,894	27,600,771	35.1	57.2	54.1	39,858	132,623
Illinois	17,052,544	4,037,745	8,734,470	24,442,251	26,395,166	34.8	52.4	50.3	54,502	263,237
Michigan	31,647,906	18,287,601	10,154,869	30,010,783	34,335,641	39.4	59.5	57.2	284,026	316,207
Wisconsin	82,727,323	48,248,940	2,933,300	16,737,895	26,931,757	33.8	61.5	60.2	821,426	1,558,575
WEST NORTH CENTRAL:										
Minnesota	82,412,061	40,414,151	4,392,185	18,016,409	22,376,084	21.7	51.9	54.3	79,045	227,878
Iowa	45,411,147	42,917,696	6,463,846	17,917,387	33,266,912	25.4	46.3	53.8	61,160	258,003
Missouri	14,853,783	4,927,383	7,022,562	14,646,771	14,298,011	23.8	34.8	31.4	104,539	245,002
North Dakota	14,607,548	2,185,377	2,898,998	7,019,169	3,551,805	20.1	42.8	38.7	9,974	46,762
South Dakota	13,615,085	5,776,689	1,493,800	5,941,092	10,421,214	14.5	43.6	59.9	7,380	111,758
Nebraska	17,621,330	12,371,699	2,338,491	11,652,068	18,236,897	17.0	44.8	52.8	55,528	214,873
Kansas	26,060,969	14,583,909	4,273,846	12,993,836	20,463,158	24.5	43.8	49.1	16,674	227,431
SOUTH ATLANTIC:										
Delaware	76,232	18,149	675,359	1,024,945	1,075,921	75.5	65.6	66.0	200	.....
Maryland	448,266	343,148	3,925,042	5,682,228	5,828,684	63.7	65.0	64.1	251,071	328,577
District of Columbia	50	.....	81	1,800	803	1.3	29.2	23.1	.....	.....
Virginia	1,163,064	97,558	8,007,298	7,983,430	5,238,202	31.4	30.0	26.3	41,612	24,310
West Virginia	581,519	8,421	7,155,413	7,077,664	5,520,784	40.4	37.3	32.6	55,363	60,842
North Carolina	720,419	9,224	5,819,193	5,670,590	2,782,905	22.8	21.8	16.5	28,982	19,200
South Carolina	98,606	10,023	1,956,001	1,752,209	1,103,637	14.1	14.2	13.5	8,415	800
Georgia	240,456	17,286	4,728,372	4,385,354	2,542,127	15.6	16.1	16.8	165	62
Florida	27,798	2,095	228,263	310,651	339,503	19.6	18.2	24.5	112	2,912
EAST SOUTH CENTRAL:										
Kentucky	4,238,223	154,427	5,917,916	8,421,827	5,873,883	17.4	22.1	19.3	38,851	37,245
Tennessee	1,862,519	32,345	8,468,929	9,009,307	5,192,022	22.8	22.6	17.8	11,883	15,673
Alabama	582,858	21,744	3,160,572	2,805,021	2,780,075	11.1	9.5	14.5	2,435	13,481
Mississippi	1,864,593	9,344	1,871,075	2,452,313	2,654,703	9.0	8.5	14.1	11,579	11,192
WEST SOUTH CENTRAL:										
Arkansas	897,812	74,607	3,182,328	3,694,311	3,797,646	12.4	12.4	17.6	8,496	8,032
Louisiana	72,455	7,073	471,596	1,019,420	564,250	11.1	16.4	11.5	180,976	116,177
Oklahoma[2]	8,357,831	3,137,112	3,820,173	7,465,824	3,454,881	17.2	27.6	24.9	11,765	30,959
Texas	3,103,449	1,247,018	8,947,297	12,141,624	7,928,646	18.1	18.7	16.5	69,730	76,148
MOUNTAIN:										
Montana	2,909,284	652,097	2,062,541	1,234,263	1,204,339	34.6	43.8	49.1	44,571	21,532
Idaho	4,951,818	1,191,867	1,381,995	1,417,663	987,133	30.4	40.0	39.2	61,203	158,301
Wyoming	1,005,907	67,303	395,135	461,952	364,091	27.8	38.8	41.0	6,435	18,246
Colorado	5,804,055	1,087,681	1,739,147	2,914,143	2,756,798	30.1	49.8	55.9	56,413	80,333
New Mexico	682,973	11,248	332,002	410,634	116,816	23.6	27.8	37.3	24,918	38,164
Arizona	762,599	665,850	193,597	120,951	208,974	32.6	37.1	55.1	50,181	26,635
Utah	1,049,559	914,133	1,040,581	919,581	1,125,377	36.2	36.8	40.0	62,065	122,933
Nevada	718,438	209,003	51,859	156,588	328,937	19.5	38.8	57.8	1,355	88,227
PACIFIC:										
Washington	9,738,094	4,386,283	2,012,530	3,112,326	4,172,820	34.1	46.1	56.6	43,530	126,670
Oregon	10,835,785	5,211,133	1,145,803	2,446,158	4,092,642	27.4	43.2	50.5	154,328	397,967
California	37,618,426	19,176,719	1,381,986	10,285,583	15,236,667	24.6	67.2	73.1	2,513,815	3,989,893

[1] No data for cheese sold in 1919.

[2] Figures for 1899 include Indian Territory.

TABLE 19.—PER CENT DISTRIBUTION OF THE VALUE OF ALL DAIRY PRODUCTS AND OF THE QUANTITIES OF THE DIFFERENT PRODUCTS, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages based on Tables 3, 9, 12, 17, and 18. See footnotes on those tables.]

DIVISION AND STATE.	VALUE OF ALL DAIRY PRODUCTS.		QUANTITY OF BUTTER MADE ON FARMS.					QUANTITY OF CHEESE MADE ON FARMS.					QUANTITY OF MILK SOLD.				QUANTITY OF CREAM SOLD.			QUANTITY OF BUTTER FAT SOLD.	
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909	1899	1879	1919	1909	1899	1919	1909
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
GEOGRAPHIC DIVISIONS:																					
New England	6.66	8.50	3.12	4.10	4.80	6.19	8.42	5.10	7.16	6.13	10.18	19.23	8.24	9.04	10.04	11.65	3.02	8.14	44.58	3.30	4.78
Middle Atlantic	20.15	21.93	9.16	8.87	14.45	17.91	25.83	18.00	20.31	21.41	25.56	34.61	34.79	38.74	31.25	53.57	3.79	4.45	5.70	2.35	14.40
East North Central	30.28	26.77	15.27	23.22	26.86	27.05	29.70	16.42	20.11	22.21	16.06	23.08	37.50	34.14	28.84	24.90	33.62	27.80	15.41	35.17	27.84
West North Central	17.76	18.25	18.51	20.23	23.44	23.78	17.58	5.01	5.03	10.29	19.55	9.67	5.11	7.46	20.57	4.35	38.85	41.14	29.27	40.32	40.30
South Atlantic	5.98	5.97	17.11	12.39	8.32	7.64	6.22	4.37	5.11	2.93	1.45	1.10	3.21	2.34	2.09	1.78	1.72	1.87	1.30	0.63	0.17
East South Central	4.73	5.06	17.03	13.70	9.10	8.29	6.63	2.13	1.00	0.84	0.78	0.64	1.30	1.17	0.92	0.80	3.18	0.67	0.74	1.01	0.07
West South Central	4.85	5.43	14.33	12.80	8.25	4.91	2.91	2.09	4.51	2.05	0.92	0.34	1.46	1.09	0.93	0.35	3.94	1.94	0.32	2.34	1.46
Mountain	2.77	2.18	3.23	1.82	1.39	0.81	0.41	8.05	4.87	4.40	3.02	0.96	1.89	1.61	1.54	0.19	4.81	2.82	0.89	3.36	1.57
Pacific	6.81	5.91	2.24	2.79	3.39	3.42	2.30	38.84	31.90	29.74	22.47	10.37	6.50	4.41	3.83	2.42	7.06	11.17	1.79	10.93	9.41
NEW ENGLAND:																					
Maine	1.20	1.35	1.53	1.34	1.51	1.52	1.81	0.87	1.26	2.60	3.72	4.28	1.11	0.66	0.75	0.70	0.90	1.34	13.53	0.51	1.33
New Hampshire	0.69	0.94	0.46	0.51	0.60	0.78	0.93	0.51	1.92	0.64	1.82	2.96	0.91	1.09	1.36	1.08	0.32	0.09	2.66	0.14	0.19
Vermont	1.84	2.03	0.55	1.52	1.76	2.28	3.25	1.19	2.61	2.48	3.26	5.67	2.19	1.76	2.70	1.23	1.13	4.28	7.66	2.46	2.54
Massachusetts	1.67	2.55	0.29	0.34	0.46	0.82	1.24	0.95	0.49	0.12	0.66	3.04	2.20	3.33	3.19	5.60	0.38	0.91	11.15	0.10	0.38
Rhode Island	0.26	0.35	0.02	0.03	0.05	0.09	0.13	0.16	0.04	0.04	0.13	0.25	0.37	0.45	0.45	0.72	0.04	0.08	0.46	(1)	(1)
Connecticut	1.01	1.29	0.27	0.35	0.43	0.70	1.05	1.42	0.84	0.25	0.60	3.03	1.46	1.76	1.59	2.32	0.26	0.82	9.12	0.10	0.35
MIDDLE ATLANTIC:																					
New York	12.13	13.05	3.49	2.36	6.97	9.59	14.40	8.18	4.15	16.03	23.09	30.66	22.66	27.06	20.86	43.76	2.21	2.20	2.94	1.18	11.86
New Jersey	1.30	1.70	0.23	0.36	0.55	0.82	1.22	1.46	0.83	0.15	0.13	0.24	2.23	2.93	2.38	2.92	0.06	0.14	0.17	0.01	0.08
Pennsylvania	6.72	7.18	5.44	6.15	6.93	7.50	10.21	8.35	15.34	5.24	2.34	3.70	9.90	8.75	8.01	6.80	1.52	2.11	2.59	1.15	2.46
EAST NORTH CENTRAL:																					
Ohio	5.48	5.18	4.28	6.39	7.42	7.32	8.70	6.81	6.52	7.13	5.70	7.96	5.50	5.13	3.96	8.83	9.31	3.99	2.07	5.60	2.47
Indiana	2.97	2.79	2.59	4.34	4.76	4.73	4.81	1.71	0.68	1.09	1.93	1.35	1.79	1.68	1.71	1.27	7.18	2.45	1.64	4.87	2.08
Illinois	4.86	5.29	3.54	4.69	4.90	5.58	6.90	1.85	0.87	1.98	1.83	3.80	6.31	8.16	8.74	8.57	6.84	3.83	2.70	3.20	1.52
Michigan	4.80	4.48	3.64	5.07	5.60	4.90	4.99	1.20	3.10	2.02	1.76	1.62	5.17	3.82	2.61	1.49	5.42	4.52	1.11	5.95	5.98
Wisconsin	12.17	9.03	1.22	2.73	4.17	4.52	4.29	4.84	8.94	9.99	4.84	8.37	18.73	15.34	11.83	4.75	4.87	13.00	7.89	15.54	15.79
WEST NORTH CENTRAL:																					
Minnesota	5.26	4.90	2.86	3.49	3.84	3.39	2.47	1.13	1.13	1.78	3.61	1.92	1.71	2.75	4.86	0.28	7.16	10.48	5.81	15.48	13.22
Iowa	3.74	5.23	3.59	3.89	5.77	7.12	7.14	0.84	0.83	1.87	5.54	3.95	1.24	2.85	10.04	3.01	8.25	14.68	16.00	8.53	14.04
Missouri	2.35	2.29	4.16	4.23	4.25	4.21	3.68	1.42	1.70	1.98	1.54	1.04	0.71	0.81	1.22	0.60	5.88	2.55	1.20	2.79	1.61
North Dakota	1.32	0.82	2.04	1.65	0.86	0.56	0.02	0.79	0.24	0.43	0.70	(1)	0.12	0.08	0.15	(1)	3.77	1.52	0.11	2.74	0.71
South Dakota	1.13	1.04	1.45	1.37	1.62	1.28	0.23	0.17	0.15	0.84	1.62	0.14	0.11	0.12	0.96	0.08	3.45	4.06	0.28	2.56	1.88
Nebraska	1.60	1.77	1.94	2.61	3.22	2.72	1.25	0.36	0.68	1.62	2.48	0.85	0.40	0.34	1.10	0.12	4.42	3.56	4.26	3.31	4.05
Kansas	2.36	2.20	2.47	2.98	3.89	4.50	2.79	0.31	0.30	1.78	4.05	1.77	0.83	0.51	2.25	0.26	5.92	4.30	1.61	4.90	4.77
SOUTH ATLANTIC:																					
Delaware	0.17	0.18	0.13	0.16	0.15	0.20	0.24	0.05	0.01	(1)	(1)	0.01	0.27	0.23	0.23	0.21	0.04	0.05	0.07	0.01	0.01
Maryland	0.91	0.92	0.87	0.88	0.85	0.98	0.96	1.98	2.76	2.07	0.05	0.06	1.18	1.00	0.97	0.89	0.38	0.83	0.65	0.08	0.11
District of Columbia	0.01	0.02	(1)	(1)	(1)	(1)	(1)	.....	.....	.....	.....	.....	0.01	0.02	0.03	0.09	(1)	.....	(1)	(1)	.....
Virginia	1.29	1.29	3.60	2.68	1.86	1.75	1.48	0.62	1.03	0.19	0.58	0.31	0.67	0.44	0.32	0.23	0.68	0.55	0.29	0.22	0.03
West Virginia	0.77	0.84	2.50	1.91	1.58	1.37	1.20	1.39	0.75	0.45	0.40	0.37	0.27	0.21	0.16	0.14	0.36	0.19	0.19	0.11	(1)
North Carolina	1.01	0.97	3.61	2.62	1.58	1.28	0.93	0.25	0.42	0.18	0.32	0.21	0.28	0.12	0.09	0.08	0.12	0.04	0.02	0.14	(1)
South Carolina	0.54	0.47	1.96	1.24	0.76	0.56	0.41	(1)	0.14	0.01	0.01	0.06	0.11	0.05	0.06	0.05	0.02	0.02	0.02	0.02	(1)
Georgia	1.13	1.11	4.28	2.74	1.41	1.41	0.96	0.02	(1)	0.01	0.07	0.07	0.29	0.20	0.18	0.07	0.11	0.18	0.05	0.05	0.01
Florida	0.16	0.16	0.16	0.17	0.13	0.08	0.05	0.05	(1)	0.02	0.01	0.01	0.13	0.07	0.05	0.01	0.02	0.02	0.01	0.01	(1)
EAST SOUTH CENTRAL:																					
Kentucky	1.52	1.52	4.82	3.83	2.84	2.84	2.34	0.21	0.60	0.28	0.35	0.21	0.49	0.54	0.42	0.47	1.92	0.29	0.46	0.80	0.05
Tennessee	1.39	1.46	5.25	4.00	2.71	2.76	2.30	1.80	0.20	0.16	0.37	0.36	0.39	0.35	0.26	0.19	0.60	0.27	0.11	0.35	0.01
Alabama	1.03	1.07	4.03	2.97	1.78	1.42	1.03	0.08	0.06	0.22	0.03	0.05	0.25	0.18	0.14	0.05	0.18	0.05	0.13	0.11	0.01
Mississippi	0.79	1.01	2.93	2.89	1.76	1.27	0.96	0.04	0.15	0.17	0.03	0.02	0.16	0.10	0.10	0.08	0.48	0.06	0.04	0.35	(1)
WEST SOUTH CENTRAL:																					
Arkansas	0.91	1.10	3.61	3.01	2.01	1.54	1.00	0.14	0.22	0.11	0.11	0.10	0.17	0.20	0.20	0.06	0.29	0.10	0.03	0.17	0.02
Louisiana	0.30	0.46	0.60	0.63	0.46	0.20	0.12	0.09	2.02	0.83	0.02	0.03	0.21	0.23	0.20	0.05	0.02	0.06	0.02	0.01	(1)
Oklahoma	1.41	1.23	3.14	2.72	1.30	0.04	.....	0.17	0.20	0.28	0.01	.....	0.31	0.19	0.15	.....	2.84	0.96	0.05	1.57	1.03
Texas	2.23	2.63	6.98	6.53	4.48	3.13	1.79	1.69	2.07	0.83	0.78	0.21	0.77	0.46	0.38	0.24	0.79	0.82	0.22	0.58	0.41
MOUNTAIN:																					
Montana	0.51	0.35	0.84	0.28	0.23	0.10	0.05	0.68	0.53	0.19	0.06	0.20	0.20	0.19	0.15	0.01	1.13	0.50	0.16	0.55	0.21
Idaho	0.54	0.33	0.64	0.36	0.24	0.11	0.04	0.50	0.96	1.20	1.11	0.07	0.25	0.11	0.13	(1)	0.95	0.58	0.03	0.93	0.39
Wyoming	0.14	0.09	0.20	0.12	0.08	0.04	0.01	0.11	0.11	0.15	0.08	0.01	0.08	0.07	0.03	0.01	0.25	0.08	0.01	0.19	0.02
Colorado	0.86	0.70	0.82	0.59	0.46	0.32	0.11	2.47	0.74	0.63	0.47	0.04	0.64	0.52	0.62	0.10	1.68	0.80	0.64	1.09	0.36
New Mexico	0.14	0.12	0.20	0.15	0.03	0.01	0.01	1.37	0.87	0.42	0.10	0.04	0.06	0.05	0.03	(1)	0.24	0.02	0.02	0.13	(1)
Arizona	0.19	0.15	0.08	0.03	0.04	0.01	0.01	1.41	0.65	0.20	0.06	0.07	0.27	0.17	0.05	0.01	0.11	0.07	0.03	0.14	0.23
Utah	0.32	0.35	0.41	0.25	0.26	0.17	0.14	1.16	0.89	1.03	0.87	0.46	0.36	0.44	0.47	0.03	0.35	0.49	0.02	0.20	0.30
Nevada	0.07	0.09	0.04	0.04	0.05	0.05	0.04	0.36	0.11	0.57	0.27	0.06	0.03	0.06	0.06	0.03	0.09	0.27	(1)	0.13	0.07
PACIFIC:																					
Washington	1.86	1.47	0.83	0.68	0.69	0.34	0.17	1.33	0.56	0.93	0.38	0.40	2.51	1.32	0.70	0.04	1.93	3.48	0.70	1.83	1.44
Oregon	1.19	1.02	0.59	0.57	0.76	0.47	0.31	0.69	1.80	2.85	1.42	0.56	0.90	0.76	0.48	0.04	1.35	1.51	0.74	2.04	1.70
California	3.76	3.43	0.81	1.54	1.95	2.61	1.81	36.82	29.53	25.96	20.67	9.41	3.08	2.34	2.65	2.33	3.79	6.18	0.34	7.07	6.27

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

WOOL AND MOHAIR.

Wool: 1919 and 1909.—The reports of the enumerators of both the Thirteenth and the Fourteenth Censuses were somewhat deficient with respect to wool production, and it has been deemed necessary to make estimates to cover this deficiency. In order to show the extent of the estimates, the figures for the production of wool in 1919, both as reported and including the estimates, are shown in the tables, together with all data used in making the estimates. For divisions and states, however, only the estimated totals are shown for 1909 in the present report. The reported figures for that year are given, in detail, in Volume V of the Reports of the Thirteenth Census.

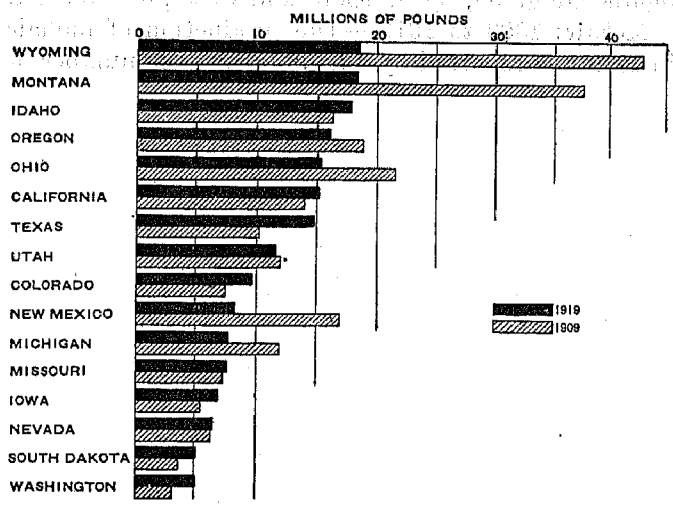
There are various reasons for the failure of the enumerators to report the entire wool production. In some cases they reported the number of sheep in 1920 and neglected to report the wool produced in 1919, notwithstanding the fact that the farmers had the sheep and clipped their wool in that year. In other cases, however, whole flocks had changed hands between 1919 and 1920. This is clearly indicated by the fact that a good many farms reported the production of wool in 1919, but no sheep in 1920 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 1919, for the enumerators, after ascertaining that the farmer had no sheep in 1920, might neglect the subsequent inquiry as to wool produced in 1919. The number of farms which reported the production of wool in 1919 but no sheep on hand on January 1, 1920, was only about one-eighth as great as the number which reported sheep in 1920 but no wool production in 1919. Again, in the case of some farms, particularly tenant farms, which had sheep both in 1919 and in 1920, the farmer who occupied the 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 the leading crops, but would often hesitate to make an estimate for the wool, because of lack of knowledge of the number of sheep on the farm during the preceding year.

In making the estimate of the total production of wool, which is presented by states in Table 21, no account was taken of the 7,280,992 pounds of wool reported as produced in 1919 on farms with no sheep on hand on January 1, 1920, since this figure represents the wool production of a part of the sheep which the estimate is designed to cover, it being assumed that, in general, some other farmer had in 1920 the same sheep which produced in 1919 the wool so reported; nor was any account taken of the pulled wool which, according to figures obtained in the Census of Manufactures, amounted to 51,382,248 pounds in 1919 and 41,527,699 pounds in 1909.

The total number of farms reporting sheep on hand January 1, 1920, was 538,593, or 8.4 per cent of the total number of farms in the United States, and the number of sheep reported was 35,033,516. Of these farms, however, there were only 395,334, with 28,059,426 sheep on hand, for which the enumerators reported the production of any wool in 1919. In other words, there were 143,259 farms, reporting 6,974,090 sheep on hand on January 1, 1920, with no report for wool production in 1919.

The number of sheep shorn on the 395,334 farms reporting sheep in 1920 and wool for 1919 was 25,449,340 and the production of wool was 184,317,329 pounds. Incidentally, it may be noted that the number of sheep reported as shorn during the year 1919 was considerably less than the number on hand (on the same farms) on January 1, 1920. This is doubtless due to the fact that on the census date there were still on hand, in addition to the sheep which would regularly be kept for wool production, a considerable number of sheep and lambs destined for early slaughter. The enumerators reported also that 988,805 sheep were shorn in 1919 on 16,332 farms which had no sheep on hand on January 1, 1920. The quantity of wool reported for these farms was 7,280,992 pounds. The total number of sheep shorn in 1919, as reported, was thus 26,438,145, and the total reported production of wool was 191,598,321 pounds.

WOOL PRODUCED, 16 LEADING STATES: 1919 AND 1909.



It is believed, however, 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 1919 bore the same relation to the entire number of sheep on farms on January 1, 1920, 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 1919 was 228,795,354 pounds. The production in 1909, estimated in the same way, was 289,419,977 pounds; the

figures thus indicate a decrease of 60,624,623 pounds, or 20.9 per cent, between 1909 and 1919.

TABLE 20.—SHEEP ON FARMS IN THE UNITED STATES, 1920, AND WOOL AND MOHAIR PRODUCED, 1919 AND 1909.

[Figures for divisions and states in Tables 21, 22, and 23.]

ITEM AND CENSUS YEAR.	Farms reporting.	Number of sheep on hand.	Number of sheep (or goats) shorn.	WOOL (OR MOHAIR) PRODUCED.	
				Weight (pounds).	Value.
Sheep on farms Jan. 1, 1920, total	538,593	35,033,510			
On farms reporting wool	395,334	28,059,426			
On farms not reporting wool	143,259	6,974,090			
Wool produced as reported, total....1919	411,666		26,438,145	191,508,321	$101,297,980
On farms reporting sheep on hand	395,334	28,059,426	25,449,340	184,317,329	$97,336,596
On farms not reporting sheep on hand	16,332		988,805	7,280,992	$3,961,884
Wool produced as reported....1909	458,311		[1] 35,336,830	241,882,318	$54,964,020
Total production of wool, incl. estimates, 1919				228,795,354	$120,417,549
1909				289,419,977	$65,472,328
Increase, 1909-1919 [2]				−60,624,623	$54,945,221
Per cent of increase [2]				−20.9	83.9
Mohair produced as reported....1919	12,403		1,932,631	6,808,890	$3,589,310
1909	9,186		[1] 1,682,912	3,778,706	$901,597
Increase, 1909-1919				3,030,184	$2,687,713
Per cent of increase				80.2	298.1

[1] Number of fleeces. [2] A minus sign (−) denotes decrease.

Wool: 1849 to 1919.—The total production of wool in the United States is shown, for the different census years beginning with 1849, in Table 2, and similar figures are given, by divisions and states, in Table 24.

Mohair: 1899 to 1919.—The production of mohair in 1919 was reported by 12,403 farms; the number of goats shorn was 1,932,631; and the quantity of mohair produced was 6,808,890 pounds. The production of mohair in 1909 was 3,778,706 pounds. The 1919 production therefore represents an increase of 80.2 per cent, as compared with the production in 1909. In 1899, the first census year for which this product was reported, the production of mohair amounted to 961,328 pounds.

At the census of 1920, for the first time, separate returns were made for goats raised for fleeces and other goats, the number of goats raised for fleeces being 2,101,591. The number of goats reported as shorn during 1919 (1,932,631) represents 92 per cent of the number of goats raised for fleeces which were on farms on January 1, 1920, while the number of sheep reported as shorn during 1919 represented only 75.5 per cent of the number of sheep on farms on January 1, 1920. From this relation and from other facts at hand, it may be assumed that the figures for mohair as reported are relatively complete. At any rate, the data for goats kept for fleeces do not furnish a satisfactory basis for making estimates of mohair produced like those made for wool produced, since in many instances it was found very difficult to establish the distinction between goats kept for fleeces and other goats.

Tables for divisions and states.—Practically all of the data relating to wool and mohair presented for the United States as a whole in Table 20, together with a number of additional percentages and averages, are given, by divisions and states, in Tables 21 to 24, inclusive.

TABLE 21.—SHEEP ON FARMS, 1920, AND WOOL PRODUCED, AS REPORTED AND INCLUDING ESTIMATES, 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	SHEEP ON FARMS, JANUARY 1, 1920.				WOOL PRODUCED, AS REPORTED, 1919.					Total production of wool, including estimates, 1919 (pounds).	Number of sheep shorn, as reported, 1919	Average wt. of wool per sheep shorn, 1919 (lbs.).
	Farms reporting.	Total number of sheep.	On farms reporting wool produced in 1919.	On farms not reporting wool produced in 1919.	Farms reporting.	Total (pounds).	On farms reporting sheep on hand. Quantity (pounds).	On farms reporting sheep on hand. Average per sheep.	On farms not reporting sheep on hand (pounds).			
United States	538,593	35,033,516	28,059,426	6,974,090	411,666	191,598,321	184,317,329	6.6	7,280,992	228,795,354	26,438,145	7.2
GEOGRAPHIC DIVISIONS:												
New England	15,255	242,706	216,986	25,720	12,360	1,291,502	1,252,917	5.8	38,585	1,399,736	202,629	6.4
Middle Atlantic	38,389	1,097,908	986,956	110,952	32,684	6,317,156	6,171,900	6.3	145,256	6,853,016	898,764	7.0
East North Central	170,177	5,073,306	4,324,496	748,810	138,545	30,651,337	29,534,687	6.8	1,116,650	34,544,603	4,000,269	7.7
West North Central	123,655	4,949,702	3,489,329	1,460,373	89,557	22,375,016	20,970,491	6.0	1,404,525	29,305,710	3,003,433	7.4
South Atlantic	55,726	1,209,424	1,057,831	151,593	45,497	4,758,744	4,630,103	4.4	128,641	5,268,497	969,515	4.9
East South Central	62,775	1,318,349	1,075,837	242,512	46,451	4,239,603	4,120,498	3.8	119,105	5,057,984	977,512	4.3
West South Central	22,057	2,908,830	2,253,090	655,740	14,528	12,835,589	12,589,206	5.6	246,383	16,282,327	1,881,500	6.8
Mountain	30,093	13,206,083	10,500,307	2,706,676	18,621	78,780,422	75,167,136	7.2	3,613,286	93,818,531	10,540,329	7.5
Pacific	20,466	5,026,308	4,154,594	871,714	13,423	30,348,952	29,880,391	7.2	468,561	36,264,950	3,964,194	7.7
NEW ENGLAND:												
Maine	8,829	119,471	107,808	11,663	7,436	617,823	600,008	5.6	17,815	665,453	102,329	6.0
New Hampshire	1,644	28,021	23,839	4,182	1,274	142,110	137,618	5.8	4,492	161,681	22,182	6.4
Vermont	3,051	62,756	57,477	5,279	2,466	395,356	382,708	6.7	12,648	417,955	54,376	7.3
Massachusetts	939	18,880	16,745	2,135	652	81,133	78,301	4.7	2,832	88,358	14,429	5.6
Rhode Island	146	2,736	2,522	214	111	12,751	12,433	4.9	318	13,488	2,103	6.1
Connecticut	646	10,842	8,595	2,247	421	42,329	41,849	4.9	480	52,801	7,210	5.9
MIDDLE ATLANTIC:												
New York	18,828	578,726	513,181	65,545	16,083	3,044,650	2,973,040	5.8	71,610	3,350,824	428,759	7.1
New Jersey	554	10,471	7,847	2,624	335	45,087	43,627	5.6	1,460	58,219	6,910	6.5
Pennsylvania	19,007	508,711	465,928	42,783	16,266	3,227,419	3,155,233	6.8	72,186	3,443,973	463,095	7.0
EAST NORTH CENTRAL:												
Ohio	55,246	2,102,550	1,890,772	211,778	47,124	14,139,441	13,735,258	7.3	404,183	15,264,513	1,813,196	7.8
Indiana	30,074	643,889	504,634	139,255	23,503	3,363,889	3,188,878	6.3	175,011	4,069,378	469,119	7.2
Illinois	26,637	637,685	484,221	153,464	19,634	3,395,470	3,178,423	6.6	217,047	4,183,214	444,941	7.6
Michigan	35,454	1,209,191	1,054,414	154,777	30,438	7,051,939	6,836,771	6.5	215,168	7,835,558	906,649	7.8
Wisconsin	22,766	479,991	390,455	89,536	17,846	2,700,898	2,595,357	6.6	105,241	3,191,940	366,364	7.4
WEST NORTH CENTRAL:												
Minnesota	24,238	509,064	400,022	109,042	17,947	2,488,907	2,398,977	6.0	89,930	3,054,384	339,834	7.3
Iowa	30,455	1,092,095	819,405	272,690	23,562	5,682,075	5,230,858	6.4	451,217	6,967,566	726,707	7.8
Missouri	40,304	1,271,616	975,086	296,530	30,159	6,312,792	5,904,383	6.1	408,409	7,705,993	879,836	7.2
North Dakota	6,867	298,912	218,550	80,362	4,479	1,383,559	1,335,898	6.1	47,661	1,826,352	174,376	7.9
South Dakota	8,094	843,696	627,716	215,980	5,361	3,999,149	3,803,909	6.1	195,240	5,112,798	539,263	7.4
Nebraska	5,902	573,217	220,412	352,805	3,104	1,130,375	984,357	4.5	146,018	2,562,280	150,959	7.5
Kansas	7,795	361,102	228,138	132,964	4,945	1,378,159	1,312,109	5.8	66,050	2,076,337	192,458	7.2
SOUTH ATLANTIC:												
Delaware	135	3,220	2,437	783	95	12,268	12,008	4.9	260	15,875	1,913	6.4
Maryland	4,739	103,027	90,930	12,097	4,025	495,561	486,411	5.3	9,150	551,194	81,313	6.1
District of Columbia	3	10	.....	10	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	16,242	342,367	300,653	41,714	13,546	1,375,613	1,336,113	4.4	39,500	1,520,109	280,893	4.9
West Virginia	22,234	509,831	456,438	53,393	19,106	2,253,006	2,187,374	4.8	65,632	2,442,090	425,987	5.3
North Carolina	7,741	90,556	73,815	16,741	5,712	286,561	278,893	3.8	7,668	342,302	69,004	4.2
South Carolina	1,275	23,581	17,706	5,875	724	52,165	50,906	2.9	1,259	67,913	15,274	3.4
Georgia	2,874	72,173	61,720	10,453	1,964	145,139	142,477	2.3	2,662	166,720	49,719	2.9
Florida	483	64,659	54,132	10,527	325	138,431	135,921	2.5	2,510	162,294	45,412	3.0
EAST SOUTH CENTRAL:												
Kentucky	35,797	707,845	585,508	122,337	27,738	2,570,398	2,481,227	4.2	89,171	3,001,263	549,437	4.7
Tennessee	19,616	364,196	276,933	87,263	13,791	1,033,694	1,009,573	3.6	24,121	1,329,315	242,662	4.3
Alabama	3,021	81,868	68,634	13,234	1,997	209,079	207,385	3.0	1,694	247,241	59,205	3.5
Mississippi	4,341	164,440	144,762	19,678	2,925	426,432	422,313	2.9	4,119	480,165	126,208	3.4
WEST SOUTH CENTRAL:												
Arkansas	6,271	100,159	75,037	25,122	4,074	291,886	280,784	3.7	11,102	374,595	63,738	4.6
Louisiana	3,181	129,816	110,478	19,338	1,875	344,514	342,610	3.1	1,904	402,430	105,571	3.3
Oklahoma	2,722	105,370	80,729	24,641	1,748	489,844	463,490	5.7	26,354	604,824	69,902	7.0
Texas	9,883	2,573,485	1,986,846	586,639	6,831	11,709,345	11,502,322	5.8	207,023	14,900,478	1,642,289	7.1
MOUNTAIN:												
Montana	5,037	2,082,919	1,721,043	361,876	3,104	15,873,852	15,088,879	8.8	784,973	18,267,200	1,837,435	8.6
Idaho	8,037	2,366,270	1,854,734	501,536	4,966	15,424,910	14,050,079	7.6	1,374,831	17,860,527	1,887,262	8.2
Wyoming	2,624	1,859,775	1,483,900	375,875	1,455	15,383,233	14,688,741	9.9	694,492	18,411,773	1,797,958	8.6
Colorado	4,088	1,813,255	950,407	862,848	2,111	5,332,344	5,117,797	5.4	214,547	9,755,312	865,184	6.2
New Mexico	3,381	1,640,475	1,463,016	177,459	2,601	7,537,978	7,407,312	5.1	130,666	8,300,804	1,332,108	5.7
Arizona	760	881,914	705,739	176,175	332	2,509,875	2,504,602	3.5	5,273	3,130,795	586,226	4.3
Utah	5,436	1,691,795	1,577,149	114,646	3,615	11,163,888	10,899,997	6.9	263,891	11,690,303	1,488,749	7.5
Nevada	730	880,580	744,319	136,261	437	5,554,342	5,409,729	7.3	144,613	6,401,817	745,407	7.5
PACIFIC:												
Washington	4,244	623,779	501,617	122,162	2,608	4,077,443	4,030,230	8.0	47,213	5,008,945	463,708	8.8
Oregon	9,047	2,002,378	1,605,589	396,789	6,535	13,118,479	12,867,830	8.0	250,649	16,039,048	1,544,443	8.5
California	7,175	2,400,151	2,047,388	352,763	4,280	13,153,030	12,982,331	6.3	170,699	15,216,957	1,956,043	6.7

TABLE 22.—PRODUCTION AND VALUE OF WOOL, INCLUDING ESTIMATES, AND AVERAGE VALUE PER POUND, 1919 AND 1909, WITH PER CENT DISTRIBUTION OF PRODUCTION, 1869 TO 1919, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	TOTAL PRODUCTION OF WOOL, INCLUDING ESTIMATES (POUNDS).				VALUE OF WOOL PRODUCED (INCLUDING ESTIMATES).		AVERAGE VALUE OF WOOL PER POUND.		PER CENT DISTRIBUTION OF PRODUCTION OF WOOL.					
	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	1919	1909	1919	1909	1899	1889	1879	1869
United States	**228,795,354**	**289,419,977**	**—60,624,623**	**—20.9**	**$120,417,549**	**$65,472,328**	**$0.53**	**$0.23**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
GEOGRAPHIC DIVISIONS:														
New England	1,399,736	2,006,040	—606,304	—30.2	853,928	574,577	0.61	0.29	0.61	0.69	1.29	2.67	4.49	6.54
Middle Atlantic	6,853,016	8,520,646	—1,667,630	—19.6	4,247,588	2,492,257	0.62	0.29	3.00	2.94	4.90	6.97	11.39	17.48
East North Central	34,544,603	48,670,564	—14,125,961	—29.0	20,925,934	14,276,742	0.61	0.29	15.10	16.82	18.61	24.94	36.06	44.08
West North Central	29,305,710	24,709,945	4,595,765	18.6	15,402,844	6,127,159	0.53	0.25	12.81	8.54	8.11	6.93	10.23	7.43
South Atlantic	5,268,497	6,677,028	—1,408,531	—21.1	3,233,092	1,955,262	0.61	0.29	2.30	2.31	2.85	3.43	5.21	4.80
East South Central	5,057,984	6,123,485	—1,065,501	—17.4	2,889,865	1,648,579	0.57	0.27	2.21	2.12	2.36	3.13	5.14	4.29
West South Central	16,282,327	11,359,271	4,923,056	43.3	8,383,574	2,442,998	0.51	0.22	7.12	3.92	4.03	10.15	5.07	1.60
Mountain	93,818,531	145,311,085	—51,492,554	—35.4	47,511,714	29,211,379	0.51	0.20	41.01	50.21	44.35	23.15	7.05	1.06
Pacific	36,264,950	36,041,913	223,037	0.6	16,909,010	6,743,375	0.47	0.19	15.85	12.45	13.49	18.63	15.36	12.62
NEW ENGLAND:														
Maine	665,453	947,622	—282,169	—29.8	412,581	266,080	0.62	0.28	0.29	0.33	0.53	0.97	1.78	1.77
New Hampshire	161,681	209,518	—47,837	—22.8	95,392	57,460	0.59	0.27	0.07	0.07	0.15	0.37	0.68	1.13
Vermont	417,955	625,722	—207,767	—33.2	250,773	192,002	0.60	0.31	0.18	0.22	0.48	1.11	1.64	3.10
Massachusetts	88,358	127,897	—39,539	—30.9	55,666	38,670	0.63	0.26	0.04	0.04	0.07	0.13	0.19	0.31
Rhode Island	13,488	24,009	—10,521	—43.8	8,363	6,835	0.62	0.28	0.01	0.01	0.01	0.02	0.04	0.08
Connecticut	52,801	71,272	—18,471	—25.9	31,153	18,530	0.59	0.26	0.02	0.02	0.04	0.07	0.15	0.25
MIDDLE ATLANTIC:														
New York	3,350,824	4,235,707	—884,883	—20.9	1,976,986	1,163,846	0.59	0.27	1.46	1.46	2.41	3.51	5.67	10.59
New Jersey	58,219	94,726	—36,507	—38.5	32,020	22,482	0.55	0.24	0.03	0.03	0.05	0.09	0.28	0.34
Pennsylvania	3,443,973	4,190,213	—746,240	—17.8	2,238,582	1,305,929	0.65	0.31	1.51	1.45	2.43	3.37	5.44	6.56
EAST NORTH CENTRAL:														
Ohio	15,264,513	21,685,258	—6,420,745	—29.6	10,074,579	6,749,005	0.66	0.31	6.67	7.49	7.36	10.97	16.06	20.52
Indiana	4,069,378	5,360,044	—1,290,666	—24.1	2,319,545	1,532,914	0.57	0.29	1.78	1.85	2.49	2.54	3.96	5.02
Illinois	4,183,214	4,971,380	—788,166	—15.9	2,217,103	1,299,218	0.53	0.26	1.83	1.72	1.74	2.35	3.91	5.73
Michigan	7,835,558	11,965,405	—4,129,847	—34.5	4,622,979	3,428,320	0.59	0.29	3.42	4.13	4.41	6.47	7.62	8.72
Wisconsin	3,191,940	4,688,477	—1,496,537	—31.9	1,691,728	1,267,285	0.53	0.27	1.40	1.62	2.61	2.60	4.51	4.09
WEST NORTH CENTRAL:														
Minnesota	3,054,384	3,259,282	—204,898	—6.3	1,557,736	816,866	0.51	0.25	1.33	1.13	0.94	1.02	0.87	0.40
Iowa	6,967,566	5,484,702	1,482,864	27.0	3,762,486	1,413,711	0.54	0.26	3.05	1.90	1.81	1.39	1.91	2.96
Missouri	7,705,993	7,343,222	362,771	4.9	4,101,236	1,947,060	0.54	0.27	3.37	2.54	1.50	2.11	4.70	3.65
North Dakota	1,826,352	1,676,830	149,522	8.9	913,176	381,722	0.50	0.23	0.80	0.58	1.10	0.27	(1)	0.01
South Dakota	5,112,798	3,598,246	1,514,552	42.1	2,760,911	847,012	0.54	0.24	2.23	1.24	1.17	0.56	0.10	.....
Nebraska	2,562,280	2,177,355	384,925	17.7	1,229,894	464,183	0.48	0.21	1.12	0.75	1.01	0.41	0.82	0.07
Kansas	2,076,337	1,170,308	906,029	77.4	1,017,405	256,605	0.49	0.22	0.91	0.40	0.58	1.18	1.83	0.33
SOUTH ATLANTIC:														
Delaware	15,875	19,059	—3,184	—16.7	8,890	5,125	0.56	0.27	0.01	0.01	0.01	0.02	0.06	0.06
Maryland	551,194	705,320	—154,126	—21.9	319,693	199,909	0.58	0.28	0.24	0.24	0.23	0.28	0.55	0.43
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1,520,109	1,937,252	—417,143	—21.5	912,065	564,386	0.60	0.29	0.66	0.67	0.73	0.76	1.18	0.88
West Virginia	2,442,090	2,719,684	—277,594	—10.2	1,587,359	839,555	0.65	0.31	1.07	0.94	1.13	1.34	1.72	1.59
North Carolina	342,302	493,882	—151,580	—30.7	184,843	130,724	0.54	0.26	0.15	0.17	0.29	0.38	0.59	0.80
South Carolina	67,913	86,819	—18,906	—21.8	35,994	20,432	0.53	0.24	0.03	0.03	0.06	0.08	0.18	0.16
Georgia	166,720	427,943	—261,223	—61.0	93,363	117,871	0.56	0.28	0.07	0.15	0.28	0.44	0.83	0.85
Florida	162,294	287,069	—124,775	—43.5	90,885	77,260	0.56	0.27	0.07	0.10	0.12	0.12	0.10	0.04
EAST SOUTH CENTRAL:														
Kentucky	3,001,263	3,448,848	—447,585	—13.0	1,770,745	974,347	0.59	0.28	1.31	1.19	1.31	1.45	2.95	2.23
Tennessee	1,329,315	1,854,172	—524,857	—28.3	731,123	466,459	0.55	0.25	0.58	0.64	0.50	0.73	1.23	1.39
Alabama	247,241	339,884	—92,643	—27.3	133,510	85,677	0.54	0.25	0.11	0.12	0.27	0.40	0.49	0.38
Mississippi	480,165	480,581	—416	—0.1	254,487	122,096	0.53	0.25	0.21	0.17	0.28	0.54	0.47	0.29
WEST SOUTH CENTRAL:														
Arkansas	374,595	376,877	—2,282	—0.6	176,060	86,045	0.47	0.23	0.16	0.13	0.23	0.27	0.36	0.21
Louisiana	402,430	442,865	—40,435	—9.1	205,239	99,424	0.51	0.22	0.18	0.15	0.20	0.23	0.26	0.14
Oklahoma	604,824	281,750	323,074	114.7	254,026	55,187	0.42	0.20	0.26	0.10	0.12	0.03	.....	.....
Texas	14,900,478	10,257,779	4,642,699	45.3	7,748,249	2,202,342	0.52	0.21	6.51	3.54	3.48	9.62	4.45	1.25
MOUNTAIN:														
Montana	18,267,200	37,669,031	—19,401,831	—51.5	10,229,632	8,223,754	0.56	0.22	7.98	13.02	11.01	6.37	0.64	.....
Idaho	17,860,527	16,377,265	1,483,262	9.1	8,751,658	3,345,037	0.49	0.20	7.81	5.66	5.60	1.11	0.08	.....
Wyoming	18,411,773	42,827,866	—24,416,093	—57.0	9,574,122	8,912,608	0.52	0.21	8.05	14.80	10.04	2.17	0.44	0.03
Colorado	9,755,312	7,563,219	2,192,093	29.0	4,877,656	1,458,003	0.50	0.19	4.26	2.61	3.09	2.38	2.05	0.20
New Mexico	8,300,804	16,994,017	—8,693,213	—51.2	3,901,378	3,131,971	0.47	0.18	3.63	5.87	5.50	4.17	2.58	0.68
Arizona	3,130,795	5,503,800	—2,373,005	—43.1	1,440,166	983,761	0.46	0.18	1.37	1.90	1.21	1.14	0.20	.....
Utah	11,690,303	12,102,220	—411,917	—3.4	5,728,248	2,093,827	0.49	0.17	5.11	4.18	6.17	5.06	0.63	0.11
Nevada	6,401,817	6,273,667	128,150	2.0	3,008,854	1,062,418	0.47	0.17	2.80	2.17	1.75	0.76	0.42	0.03
PACIFIC:														
Washington	5,008,945	3,135,348	1,873,597	59.8	2,254,025	536,708	0.45	0.17	2.19	1.08	1.90	0.81	0.89	0.16
Oregon	16,039,048	18,841,862	—2,802,814	—14.9	8,019,524	3,782,721	0.50	0.20	7.01	6.51	6.63	5.22	3.67	1.08
California	15,216,957	14,064,703	1,152,254	8.2	6,695,461	2,423,946	0.44	0.17	6.65	4.86	4.95	12.60	10.79	11.38

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

TABLE 23.—NUMBER OF GOATS SHORN, AND PRODUCTION AND VALUE OF MOHAIR, AS REPORTED, WITH AVERAGES AND PERCENTAGES, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (−) denotes decrease. Per cent not shown when base is less than 100 or when per cent is more than 1,000.]

DIVISION AND STATE.	FARMS REPORTING MOHAIR.		Number of goats shorn, 1919	Number of fleeces, 1909	MOHAIR PRODUCED, AS REPORTED (POUNDS).						VALUE OF MOHAIR PRODUCED.		AVERAGE VALUE OF MOHAIR PER POUND.		PER CENT DISTRIBUTION OF PRODUCTION OF MOHAIR.		
					1919	1909	Increase.		Average per goat shorn, 1919	Average per fleece, 1909							
	1919	1909					Amount.	Per cent.			1919	1909	1919	1909	1919	1909	1899
United States	12,403	9,186	1,932,631	1,682,912	6,808,890	3,778,706	3,030,184	80.2	3.5	2.2	$3,589,310	$901,597	$0.53	$0.24	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																	
New England	68	123	462	1,298	1,862	4,445	−2,583	−58.1	4.0	3.4	1,132	1,275	0.61	0.29	0.03	0.12	0.18
Middle Atlantic	109	207	608	2,668	2,042	8,797	−6,755	−76.8	3.4	3.3	1,102	2,834	0.54	0.32	0.03	0.23	0.11
East North Central	406	664	4,601	9,825	16,044	35,044	−19,000	−54.2	3.5	3.6	7,926	9,680	0.49	0.28	0.24	0.93	0.67
West North Central	2,131	1,493	52,260	38,173	137,720	116,057	21,663	18.7	2.6	3.0	65,614	26,806	0.48	0.23	2.02	3.07	5.37
South Atlantic	342	323	11,530	7,172	33,073	21,009	12,064	57.4	2.9	2.9	19,242	6,980	0.58	0.33	0.49	0.56	0.18
East South Central	684	385	7,408	5,223	19,158	13,241	5,917	44.7	2.6	2.5	9,494	3,685	0.50	0.28	0.28	0.35	0.29
West South Central	4,454	1,879	1,451,509	1,084,893	5,149,541	2,016,736	3,132,805	155.3	3.5	1.9	2,704,269	472,315	0.53	0.23	75.63	53.37	28.96
Mountain	791	506	238,258	284,784	838,762	738,226	100,536	13.6	3.5	2.6	454,279	184,305	0.54	0.25	12.32	19.54	18.30
Pacific	3,418	3,606	165,995	248,876	610,688	825,151	−214,463	−26.0	3.7	3.3	326,252	193,717	0.53	0.23	8.97	21.84	45.93
NEW ENGLAND:																	
Maine	20	39	79	168	322	639	−317	−49.6	4.1	3.8	147	207	0.46	0.32	(1)	0.02	0.01
New Hampshire	12	22	84	180	452	629	−177	−28.1	5.4	3.5	299	191	0.66	0.30	0.01	0.02	(1)
Vermont	9	14	76	97	353	471	−118	−25.1	4.6	4.9	204	136	0.58	0.29	0.01	0.01	(1)
Massachusetts	15	35	155	536	468	1,695	−1,227	−72.4	3.0	3.2	337	509	0.72	0.30	0.01	0.04	0.12
Rhode Island	5	1	13	1	72	2	70	.....	5.5	2.0	42	1	0.58	0.50	(1)	(1)	(1)
Connecticut	7	12	55	316	195	1,009	−814	−80.7	3.5	3.2	103	231	0.53	0.23	(1)	0.03	0.05
MIDDLE ATLANTIC:																	
New York	52	74	311	1,598	1,093	5,412	−4,319	−79.8	3.5	3.4	612	1,742	0.56	0.32	0.02	0.14	0.04
New Jersey	5	7	19	53	85	187	−102	−54.5	4.5	3.5	51	56	0.60	0.30	(1)	(1)	.....
Pennsylvania	52	126	278	1,017	864	3,198	−2,334	−73.0	3.1	3.1	439	1,036	0.51	0.32	0.01	0.08	0.07
EST NORTH CENTRAL:																	
Ohio	45	133	328	1,624	1,142	5,840	−4,698	−80.4	3.5	3.6	635	1,684	0.56	0.29	0.02	0.15	0.05
Indiana	97	119	1,368	1,421	5,215	4,472	743	16.6	3.8	3.1	2,582	1,194	0.50	0.27	0.08	0.12	0.09
Illinois	130	184	1,647	4,117	5,275	14,922	−9,647	−64.6	3.2	3.6	2,423	4,008	0.46	0.27	0.08	0.39	0.29
Michigan	43	117	438	1,559	1,617	5,677	−4,060	−71.5	3.7	3.6	799	1,712	0.49	0.30	0.02	0.15	0.19
Wisconsin	91	111	820	1,104	2,795	4,133	−1,338	−32.4	3.4	3.7	1,487	1,082	0.53	0.26	0.04	0.11	0.05
WEST NORTH CENTRAL:																	
Minnesota	188	131	879	1,952	2,956	6,929	−3,973	−57.3	3.4	3.5	1,520	1,987	0.51	0.29	0.04	0.18	0.06
Iowa	135	266	2,005	8,703	6,938	29,206	−22,268	−76.2	3.5	3.4	3,423	7,261	0.49	0.25	0.10	0.77	2.92
Missouri	1,486	858	46,515	24,061	118,083	66,684	51,399	77.1	2.5	2.8	56,164	14,338	0.48	0.22	1.73	1.76	1.06
North Dakota	58	36	177	118	719	470	249	53.0	4.1	4.0	375	133	0.52	0.28	0.01	0.01	0.13
South Dakota	47	54	224	399	722	1,538	−816	−53.1	3.2	3.9	354	390	0.49	0.25	0.01	0.04	0.18
Nebraska	58	53	325	629	1,071	2,425	−1,354	−55.8	3.3	3.9	533	602	0.50	0.25	0.02	0.06	0.60
Kansas	150	95	2,135	2,311	7,231	8,805	−1,574	−17.9	3.4	3.8	3,245	2,095	0.45	0.24	0.11	0.23	0.42
SOUTH ATLANTIC:																	
Delaware	5	1	30	70	99	210	−111	−52.9	2.8	3.0	59	52	0.60	0.25	(1)	0.01	.....
Maryland	18	27	195	465	819	1,570	−751	−47.8	4.2	3.4	487	474	0.59	0.30	0.01	0.04	.....
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	98	79	1,804	2,614	5,015	8,047	−3,032	−37.7	2.8	3.1	2,648	2,913	0.53	0.36	0.07	0.21	0.04
West Virginia	129	117	3,631	3,248	10,757	8,991	1,766	19.6	3.0	2.8	6,417	2,699	0.60	0.30	0.16	0.24	0.01
North Carolina	44	56	221	335	630	1,020	−390	−38.2	2.9	3.0	380	469	0.60	0.46	0.01	0.03	0.04
South Carolina	15	11	97	196	257	486	−229	−47.1	2.6	2.5	123	128	0.48	0.26	(1)	0.01	0.01
Georgia	25	25	237	198	533	520	13	2.5	2.2	2.6	276	177	0.52	0.34	0.01	0.01	0.08
Florida	8	7	5,309	46	14,963	165	14,798	.....	2.8	3.6	8,852	68	0.59	0.41	0.22	(1)	(1)
EAST SOUTH CENTRAL:																	
Kentucky	350	198	3,734	2,967	9,305	7,702	1,603	20.8	2.5	2.6	4,456	2,038	0.48	0.26	0.14	0.20	0.05
Tennessee	228	115	2,028	1,342	5,878	3,428	2,450	71.5	2.9	2.6	2,857	1,053	0.49	0.31	0.09	0.09	0.15
Alabama	45	36	855	383	2,003	808	1,195	147.9	2.3	2.1	1,317	238	0.66	0.29	0.03	0.02	0.05
Mississippi	61	36	791	531	1,972	1,303	669	51.3	2.5	2.5	864	356	0.44	0.27	0.03	0.03	0.03
WEST SOUTH CENTRAL:																	
Arkansas	620	194	14,504	3,118	33,770	7,265	26,505	364.8	2.3	2.3	15,547	1,516	0.46	0.21	0.50	0.19	0.18
Louisiana	34	12	1,046	538	1,353	1,044	309	29.6	1.3	1.9	749	226	0.55	0.22	0.02	0.03	0.04
Oklahoma	374	129	11,921	3,774	29,498	10,503	18,995	180.9	2.5	2.8	14,098	2,354	0.50	0.22	0.43	0.28	0.15
Texas	3,426	1,544	1,424,038	1,077,463	5,084,920	1,997,924	3,086,996	154.5	3.6	1.9	2,673,275	468,219	0.53	0.23	74.68	52.87	28.59
MOUNTAIN:																	
Montana	66	38	609	2,357	2,628	8,328	−5,700	−68.4	4.3	3.5	1,501	2,056	0.57	0.25	0.04	0.22	0.29
Idaho	71	35	682	2,835	2,486	16,412	−13,926	−84.9	3.6	5.8	1,520	4,384	0.61	0.27	0.04	0.43	1.22
Wyoming	25	13	199	2,729	756	14,238	−13,482	−94.7	3.8	5.2	344	3,868	0.46	0.27	0.01	0.38	0.84
Colorado	128	40	6,350	2,547	21,895	7,894	14,001	177.4	3.4	3.1	11,028	2,024	0.50	0.26	0.32	0.21	0.19
New Mexico	362	237	116,298	155,980	369,711	394,895	−25,184	−6.4	3.2	2.5	187,150	96,158	0.51	0.24	5.43	10.45	11.81
Arizona	60	114	94,558	103,226	357,626	246,032	111,594	45.4	3.8	2.4	192,351	63,120	0.54	0.26	5.25	6.51	2.81
Utah	57	21	18,965	13,040	81,405	44,708	36,697	82.1	4.3	3.4	59,171	11,240	0.73	0.25	1.20	1.18	0.04
Nevada	22	8	597	2,070	2,255	5,719	−3,464	−60.6	3.8	2.8	1,214	1,455	0.54	0.25	0.03	0.15	1.10
PACIFIC:																	
Washington	169	164	2,680	5,154	9,834	19,120	−9,286	−48.6	3.7	3.7	4,714	4,666	0.48	0.24	0.14	0.51	0.42
Oregon	2,554	3,075	95,519	141,588	380,675	523,435	−142,760	−27.3	4.0	3.7	211,378	128,230	0.56	0.24	5.59	13.85	27.86
California	695	367	67,796	102,134	220,179	282,596	−62,417	−22.1	3.2	2.8	110,160	60,821	0.50	0.22	3.23	7.48	17.66

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

TABLE 24.—PRODUCTION OF WOOL, 1849 TO 1919, AND PRODUCTION OF MOHAIR, 1899 TO 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	TOTAL PRODUCTION OF WOOL (POUNDS).[1]								PRODUCTION OF MOHAIR (POUNDS).		
	1919	1909	1899	1889	1879	1869	1859	1849	1919	1909	1899
United States	228,795,354	289,419,977	276,567,584	191,278,094	155,681,751	100,102,387	60,264,913	52,516,959	6,808,890	3,778,706	961,328
GEOGRAPHIC DIVISIONS:											
New England	1,399,736	2,006,040	3,557,230	5,108,884	6,983,011	6,643,863	6,578,094	7,085,509	1,802	4,445	1,749
Middle Atlantic	6,853,016	8,520,646	13,553,019	13,337,694	17,738,578	17,497,556	14,556,246	14,928,267	2,042	8,797	1,103
East North Central	34,544,603	48,670,564	51,469,641	47,701,152	56,139,308	44,124,730	20,123,633	17,254,017	16,044	35,044	6,476
West North Central	29,305,710	24,709,945	22,439,475	13,264,465	15,933,536	7,436,088	2,779,072	2,001,147	137,720	116,057	51,619
South Atlantic	5,268,497	6,677,028	7,892,212	6,555,151	8,109,031	4,804,670	5,367,804	5,867,738	33,073	21,009	1,718
East South Central	5,057,984	6,123,485	6,536,376	5,981,974	8,007,721	4,293,750	5,175,417	4,878,548	19,158	13,241	2,747
West South Central	16,282,327	11,359,271	11,151,253	19,409,378	7,892,065	1,606,540	2,194,967	424,409	5,149,541	2,016,736	278,411
Mountain	93,818,531	145,311,085	122,670,135	44,286,730	10,972,818	1,060,096	567,740	42,123	838,762	738,226	175,955
Pacific	36,264,950	36,041,913	37,298,243	35,632,656	23,905,683	12,635,094	2,921,940	35,206	610,688	825,151	441,550
NEW ENGLAND:											
Maine	665,453	947,622	1,478,018	1,864,009	2,776,407	1,774,168	1,495,060	1,364,034	322	639	105
New Hampshire	161,681	209,518	409,465	717,149	1,060,589	1,129,442	1,160,222	1,108,476	452	629	44
Vermont	417,955	625,722	1,334,253	2,118,883	2,551,113	3,102,137	3,118,950	3,400,717	353	471	5
Massachusetts	88,358	127,897	195,876	241,314	299,089	306,659	377,267	585,136	468	1,695	1,120
Rhode Island	13,488	24,009	35,180	41,021	65,680	77,328	90,699	120,692	72	2	10
Connecticut	52,801	71,272	104,438	126,508	230,133	254,129	335,896	497,454	195	1,009	465
MIDDLE ATLANTIC:											
New York	3,350,824	4,235,707	6,674,165	6,715,686	8,827,195	10,599,225	9,454,474	10,071,301	1,093	5,412	383
New Jersey	58,219	94,726	146,628	180,844	441,110	336,609	349,250	375,396	85	187	.....
Pennsylvania	3,443,973	4,190,213	6,732,226	6,441,164	8,470,273	6,561,722	4,752,522	4,481,570	864	3,198	720
EAST NORTH CENTRAL:											
Ohio	15,264,513	21,685,258	20,350,721	20,987,574	25,003,756	20,539,643	10,608,927	10,196,371	1,142	5,840	469
Indiana	4,069,378	5,360,044	6,891,601	4,863,404	6,167,498	5,029,023	2,552,318	2,610,287	5,215	4,472	867
Illinois	4,183,214	4,971,380	4,799,742	4,490,773	6,093,066	5,739,249	1,989,567	2,150,113	5,275	14,922	2,793
Michigan	7,835,558	11,965,405	12,202,844	12,378,318	11,858,497	8,726,145	3,960,888	2,043,283	1,617	5,677	1,833
Wisconsin	3,191,940	4,688,477	7,224,733	4,981,083	7,016,491	4,090,670	1,011,933	253,963	2,795	4,133	514
WEST NORTH CENTRAL:											
Minnesota	3,054,384	3,259,282	2,612,737	1,945,249	1,352,124	401,185	20,388	85	2,956	6,929	556
Iowa	6,967,566	5,484,702	5,015,965	2,649,652	2,971,975	2,967,043	660,858	373,898	6,938	29,206	28,080
Missouri	7,705,993	7,343,222	4,145,137	4,040,084	7,313,924	3,649,390	2,069,778	1,627,164	118,083	66,684	10,203
North Dakota [2]	1,826,352	1,676,830	3,030,478	510,417	4,891	8,810	.....	.....	719	470	1,220
South Dakota [2]	5,112,798	3,598,246	3,246,945	1,074,289	152,134	.....	.....	.....	722	1,538	1,693
Nebraska	2,562,280	2,177,355	2,788,839	791,534	1,282,656	74,655	3,302	.....	1,071	2,425	5,801
Kansas	2,076,337	1,170,308	1,599,374	2,253,240	2,855,832	335,005	24,746	.....	7,231	8,805	4,066
SOUTH ATLANTIC:											
Delaware	15,875	19,059	32,350	47,281	97,946	58,316	50,201	57,768	99	210	.....
Maryland	551,194	705,320	632,119	543,225	850,084	435,213	491,511	477,438	819	1,570	.....
District of Columbia	.....	.....	.....	.....	.....	.....	100	525	.....	.....	.....
Virginia [3]	1,520,109	1,937,252	2,020,735	1,449,219	1,836,673	877,110	2,510,019	2,860,765	5,015	8,047	343
West Virginia [3]	2,442,090	2,719,684	3,123,455	2,560,859	2,681,444	1,593,541	.....	.....	10,757	8,991	140
North Carolina	342,302	493,882	797,176	733,765	917,756	799,667	883,473	970,738	630	1,020	416
South Carolina	67,913	86,819	175,290	157,707	272,758	156,314	427,102	487,233	257	486	73
Georgia	166,720	427,943	777,189	841,141	1,289,560	846,947	946,227	990,019	533	520	726
Florida	162,294	287,069	333,898	221,954	162,810	37,562	59,171	23,247	14,963	165	20
EAST SOUTH CENTRAL:											
Kentucky	3,001,263	3,448,848	3,617,497	2,777,533	4,592,576	2,234,450	2,329,105	2,297,433	9,305	7,702	524
Tennessee	1,329,315	1,854,172	1,395,295	1,397,666	1,918,295	1,389,762	1,405,236	1,364,378	5,878	3,428	1,486
Alabama	247,241	339,884	744,274	768,589	762,207	381,253	775,117	657,118	2,003	808	469
Mississippi	480,165	480,581	779,310	1,038,186	734,643	288,285	665,959	559,619	1,972	1,303	268
WEST SOUTH CENTRAL:											
Arkansas	374,595	376,877	636,474	512,396	557,368	214,784	410,382	182,595	33,770	7,265	1,763
Louisiana	402,430	442,865	547,641	440,686	406,678	140,428	290,847	109,897	1,353	1,044	385
Oklahoma [4]	604,824	281,750	329,136	59,114	.....	.....	.....	.....	29,498	10,503	1,453
Texas	14,900,478	10,257,779	9,638,002	18,397,182	6,928,019	1,251,328	1,493,738	131,917	5,084,920	1,997,924	274,810
MOUNTAIN:											
Montana	18,267,200	37,669,031	30,437,829	12,177,467	995,484	100	.....	.....	2,628	8,328	2,750
Idaho	17,860,527	16,377,265	15,474,447	2,119,242	127,149	3,415	.....	.....	2,486	16,412	11,688
Wyoming	18,411,773	42,827,866	27,758,309	4,146,773	691,650	30,000	.....	.....	756	14,238	8,100
Colorado	9,755,312	7,563,219	8,543,937	4,544,332	3,197,391	204,925	.....	.....	21,895	7,894	1,843
New Mexico	8,300,804	16,994,017	15,209,199	7,980,998	4,019,188	684,930	492,645	32,901	369,711	394,895	113,545
Arizona	3,130,795	5,503,800	3,352,937	2,181,537	313,698	679	.....	.....	357,626	246,032	27,630
Utah	11,699,303	12,102,220	17,050,977	9,685,513	973,246	109,018	74,765	9,222	81,405	44,708	409
Nevada	6,401,817	6,273,667	4,842,500	1,450,868	655,012	27,029	330	.....	2,255	5,719	10,590
PACIFIC:											
Washington	5,008,945	3,135,348	5,268,088	1,556,792	1,389,123	162,713	19,819	.....	9,834	19,120	4,000
Oregon	16,039,048	18,841,862	18,349,660	9,982,910	5,718,524	1,080,638	219,012	29,686	380,675	523,435	267,780
California	15,216,957	14,064,703	13,680,495	24,092,954	16,798,036	11,391,743	2,683,109	5,520	220,179	282,596	169,770

[1] Figures for 1919, 1909, and 1899 include estimates for farms reporting sheep on hand but no wool production. Figures for 1879 are exclusive of the wool obtained from the fall clip of 7,000,000 range sheep.

[2] North Dakota and South Dakota admitted as states in 1889. Figures for 1879 obtained by consolidating data for the counties which then occupied the areas now known as North and South Dakota, respectively. The 1869 figures are for Dakota Territory.

[3] In 1859 and 1849 Virginia included the area now known as West Virginia.

[4] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone; no data for earlier years.

EGGS AND CHICKENS.

As in the case of wool, the reports of the enumerators with regard to the production of poultry and eggs in 1919 were somewhat incomplete, and it was deemed desirable to make estimates to approximate the actual production. The same general policy was pursued as in the case of milk and wool—that is to say, the figures as reported were compiled and are published herewith, with all the details of classification which were used in making the estimates, together with the totals, including estimates for the incomplete reports. In the reports of the Thirteenth Census the data for eggs produced and fowls raised were presented in the same way; that is, both the figures as reported and the estimated totals were given. For comparative purposes, however, only the estimated totals for 1909 are shown in the present report.

The reasons for the incompleteness of the reports are similar to those in the case of wool, which are set forth at some length in the section of this chapter pertaining to that product. And the method of making the estimates is exactly the same as that used in the case of wool. The ratio between the number of dozens of eggs produced and the number of chickens on hand on farms reporting both eggs produced in 1919 and chickens on hand on January 1, 1920, was first determined; and the estimated total was then obtained by multiplying the total number of chickens on farms on January 1, 1920, by this ratio. This method is based, of course, on the assumption that the ratio between production and stock on hand was the same for the farms with complete reports and the farms with incomplete reports; and it is believed that the resulting estimates, for eggs, at least, are very close to the actual production. Since a small number of farmers may keep chickens for egg production only and raise no young stock, the estimates for chickens raised may slightly overstate the actual number; but even these figures are without question more accurate than the number as reported.

It should be noted that no attempt was made to secure a statement either of the number of chickens not on farms—in cities, towns, and villages—or of the production of eggs or chickens elsewhere than on farms. It is therefore impossible even to make an estimate of the total production of eggs or the total number of chickens raised during the year 1919 both on farms and elsewhere. All figures presented herewith pertain to the production on farms.

The data secured for 1909 related to the products of all kinds of poultry, while on the schedule used for 1919 the inquiry was limited to chicken eggs and chickens raised only. While the eggs produced by fowls other than chickens, and even the numbers of such fowls raised, are relatively unimportant, the change between one census and the other was sufficient to make comparisons between the 1919 data and the 1909 totals, as published, of little value. In order to secure 1909 figures that would be approximately comparable with those for 1919, therefore, the number of dozens of eggs other than chicken eggs included in the 1909 totals was estimated and deducted; and likewise the number of fowls raised in 1909 other than chickens was estimated and deducted from the published number of fowls raised. In revising the 1909 figures for egg production, it was assumed that eggs produced by fowls other than chickens and ducks were negligible, and the number of dozens of eggs to be deducted was computed, by states, on the basis of the ratio between the number of ducks on farms on April 15, 1910, and the combined number of ducks and chickens. The deductions for fowls raised were computed in the same way, except that the ratio used was the ratio between all fowls other than chickens and the total number of fowls, including chickens. The published figures for 1909, as well as the revised figures, are shown in the tables, so that the effect of these estimated deductions may be readily determined.

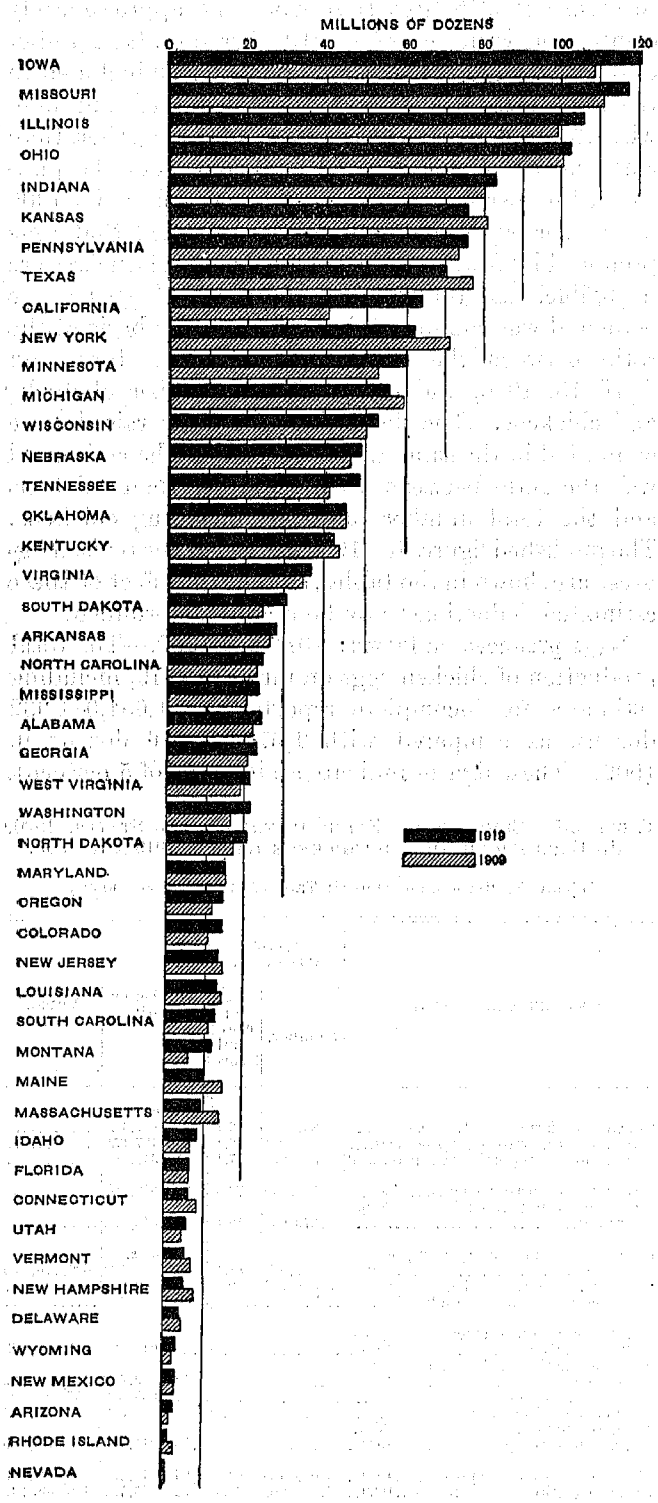
Eggs produced on farms: 1919 and 1909.—The total production of chicken eggs on farms in 1919, including estimates for incomplete reports, was 1,654,044,932 dozens, as compared with 1,574,979,416 dozens in 1909. These figures indicate an increase of 5 per cent.

TABLE 25.—CHICKENS ON FARMS IN THE UNITED STATES, 1920, AND EGGS PRODUCED AND CHICKENS RAISED, 1919 AND 1909.

[Figures for divisions and states in Tables 26, 27, 28, 29, 30, and 31.]

ITEM AND CENSUS YEAR.	FARMS REPORTING.		Number or quantity.	Value.
	Number.	Per cent of all farms.		
			Number.	
Chickens on farms Jan. 1, 1920, total	5,837,367	90.5	359,537,127	.....
On farms reporting eggs produced	5,336,371	82.8	340,187,658	.....
On farms not reporting eggs produced	500,996	7.8	19,349,469	.....
On farms reporting chickens raised	4,558,319	70.7	307,883,665	.....
On farms not reporting chickens raised	1,279,048	19.8	51,648,462	.....
			Dozens.	
Chicken eggs produced, as reported, total 1919	5,362,771	83.2	1,571,329,190	$626,776,926
On farms reporting chickens on hand	5,336,371	82.8	1,564,512,924	.....
Average per chicken on hand	.....	.....	4.6	.....
Total production of chicken eggs, including estimates 1919	.....	.....	1,654,044,932	$661,082,803
Total production of chicken eggs (estimated) 1909	.....	.....	1,574,979,416	$303,296,012
Increase, 1909–1919	.....	.....	79,065,516	$357,786,791
Per cent of increase	.....	.....	5.0	118.0
Total production of eggs (all kinds), including estimates 1909	.....	.....	1,591,311,371	$306,088,960
Chicken eggs sold, as reported 1919	4,088,169	63.4	1,010,813,258	$404,562,912
Eggs sold (all kinds), as reported 1909	3,860,067	60.7	926,465,787	$180,768,249
			Number.	
Chickens raised, as reported, total, 1919	4,578,202	71.0	405,488,930	$332,256,763
On farms reporting chickens on hand	4,558,319	70.7	403,502,199	.....
Average per chicken on hand	.....	.....	1.31	.....
Total chickens raised, including estimates 1919	.....	.....	473,301,959	$386,240,367
Total chickens raised (estimated) 1909	.....	.....	460,611,201	$184,902,527
Increase, 1909–1919	.....	.....	12,690,758	$201,337,840
Per cent of increase	.....	.....	2.8	108.9
Total fowls raised (all kinds), including estimates 1909	.....	.....	488,468,354	$202,506,272
Chickens sold, as reported 1919	2,698,211	41.8	140,811,045	$119,722,603
Fowls sold (all kinds), as reported 1909	3,038,932	47.8	153,600,169	$75,273,524

EGGS PRODUCED ON FARMS, BY STATES: 1919 AND 1909.



A total of 5,837,367 farms reported chickens on hand on January 1, 1920, the number of chickens being 359,537,127, while 5,336,371 farms, having 340,187,658 chickens, or 94.6 per cent of the total number of chickens on farms on the census date, also reported the production of eggs. The number of dozens of eggs actually reported was 1,571,329,190, the difference between this number and the estimated total given above representing the estimate for the relatively small number of farms with incomplete reports.

Eggs produced: 1879 to 1919.—Comparative figures for the production of eggs for the several censuses from 1879 to 1919 are given in Table 2 for the United States as a whole. Similar figures are given, by divisions and states, in Table 32.

Chickens raised on farms: 1919 and 1909.—The total number of chickens raised on farms in 1919, including estimates, was 473,301,959, as compared with 460,611,201 in 1909, the increase for the decade amounting to 2.8 per cent. The number of farms reporting chickens raised was somewhat smaller than the number reporting eggs produced; therefore the margin of estimate in the total number of chickens raised is somewhat larger than in the case of the egg production. The number of chickens raised in 1919, as actually reported by 4,578,202 farms, was 405,488,930.

In connection with the inquiry with regard to chickens raised, the enumerators were specifically instructed not to report chickens hatched and sold as "baby chicks." The figures should therefore represent chickens raised at least to a marketable size.

Eggs and chickens sold: 1919 and 1909.—The census figures show not only the quantity of eggs produced, but also the quantity sold by farmers. It is believed that the sales have been more completely reported than the production; hence the figures are given as reported and no estimates are made. In fact, it would not be practicable to make estimates for the quantity of eggs sold in the same way that the estimates for production are made, since many farmers produce eggs for home consumption only, and it could not be fairly assumed that all farmers having chickens on hand actually produced eggs for sale. Nor have the 1909 figures for sales been revised to exclude the products of fowls other than chickens.

The number of chicken eggs sold in 1919, as reported, amounted to 1,010,813,258 dozens. The number of eggs of all kinds sold by farmers in 1909, as reported, was 926,465,787 dozens. The number of chickens sold in 1919, as reported, was 140,811,045, while the number of fowls of all kinds sold by farmers in 1909 was 153,600,169.

Tables for divisions and states.—Most of the data relating to eggs and chickens which have been summarized for the United States in Tables 2 and 25 are given, by divisions and states, in Tables 26 to 32, inclusive.

TABLE 26.—CHICKENS ON FARMS, 1920, AND EGGS PRODUCED, AS REPORTED AND INCLUDING ESTIMATES, 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	CHICKENS ON FARMS, JANUARY 1, 1920.				EGGS PRODUCED, AS REPORTED, 1919.				TOTAL PRODUCTION OF EGGS, INCLUDING ESTIMATES, 1919.	
	Farms reporting.	Total number of chickens on hand.	On farms reporting eggs produced in 1919.	On farms not reporting eggs produced in 1919.	Farms reporting.	Total (dozens).	On farms reporting chickens on hand. Quantity (dozens).	On farms reporting chickens on hand. Av. per chicken on hand.	Quantity (dozens).	Value.
United States	**5,337,367**	**359,537,127**	**340,187,658**	**19,349,469**	**5,362,771**	**1,571,329,190**	**1,564,512,924**	**4.6**	**1,654,044,932**	**$661,082,803**
GEOGRAPHIC DIVISIONS:										
New England	127,888	5,803,507	5,283,035	520,472	112,720	34,564,048	34,245,814	6.5	37,631,896	21,841,202
Middle Atlantic	389,651	27,452,439	26,092,773	1,359,666	363,136	144,236,132	143,698,244	5.5	151,453,438	74,870,761
East North Central	1,020,865	84,516,275	81,262,687	3,253,588	970,321	386,678,903	385,163,437	4.7	400,445,456	159,334,852
West North Central	1,023,685	105,347,758	100,435,086	4,912,672	962,823	454,457,274	452,043,673	4.5	474,591,975	166,575,154
South Atlantic	1,052,718	36,407,610	34,485,229	1,922,381	965,800	137,631,474	137,343,577	4.0	144,662,300	62,037,007
East South Central	946,904	34,091,878	32,359,511	1,732,367	869,169	131,642,763	131,338,774	4.1	138,152,110	50,931,866
West South Central	886,673	39,919,045	36,616,733	3,302,312	779,595	144,662,973	144,126,916	3.9	157,008,422	57,488,393
Mountain	196,768	9,524,240	8,729,761	794,479	175,705	46,325,390	45,881,230	5.3	49,993,154	20,109,956
Pacific	192,215	16,474,375	14,922,843	1,551,532	163,502	91,130,233	90,671,259	6.1	100,106,181	47,893,612
NEW ENGLAND:										
Maine	38,464	1,403,284	1,281,198	122,086	34,332	9,198,081	9,111,421	7.1	9,977,349	5,487,542
New Hampshire	16,359	771,233	701,647	69,586	14,261	4,584,904	4,550,489	6.5	5,005,302	2,853,022
Vermont	24,451	799,797	713,974	85,823	21,278	4,650,695	4,615,837	6.5	5,166,689	2,738,345
Massachusetts	25,425	1,455,193	1,314,571	140,622	22,071	8,801,467	8,677,210	6.6	9,604,274	6,050,693
Rhode Island	3,534	253,607	233,006	20,601	3,149	1,424,521	1,411,004	6.1	1,536,858	906,746
Connecticut	19,655	1,120,393	1,038,639	81,754	17,629	5,904,380	5,879,853	5.7	6,341,424	3,804,854
MIDDLE ATLANTIC:										
New York	174,047	10,414,600	9,682,701	731,899	158,958	58,069,422	57,777,256	6.0	62,175,162	31,087,581
New Jersey	26,972	2,534,371	2,382,515	151,856	24,427	12,520,119	12,479,879	5.2	13,280,104	7,304,057
Pennsylvania	188,632	14,503,468	14,027,557	475,911	179,751	73,646,591	73,441,109	5.2	75,998,172	36,479,123
EAST NORTH CENTRAL:										
Ohio	241,578	20,232,637	19,668,674	563,963	232,285	99,912,532	99,534,695	5.1	102,377,143	42,998,400
Indiana	194,239	16,754,293	16,217,170	537,123	186,182	80,618,655	80,377,250	5.0	83,101,293	32,409,504
Illinois	226,740	25,120,643	24,103,320	1,017,323	215,876	101,970,733	101,526,357	4.2	105,757,907	40,188,005
Michigan	180,664	10,913,645	10,344,122	569,523	169,208	53,382,335	53,114,285	5.1	55,986,999	23,514,540
Wisconsin	177,644	11,495,057	10,929,401	565,656	166,770	50,794,648	50,610,850	4.6	53,222,114	20,224,403
WEST NORTH CENTRAL:										
Minnesota	163,818	13,212,619	12,316,792	895,827	150,854	56,420,490	56,111,599	4.6	60,249,543	21,689,835
Iowa	203,077	27,746,510	26,906,566	839,944	196,996	117,908,389	116,971,181	4.3	120,697,319	42,244,062
Missouri	248,575	24,883,985	23,777,511	1,106,474	234,816	112,310,675	111,875,065	4.7	117,203,569	42,193,285
North Dakota	69,722	4,328,567	4,080,360	248,207	64,802	19,734,104	19,620,947	4.8	20,820,407	7,078,938
South Dakota	67,687	6,641,572	6,258,623	382,949	62,240	28,746,150	28,572,728	4.6	30,351,984	10,016,155
Nebraska	116,083	11,615,257	10,962,132	653,125	107,969	46,509,808	46,318,830	4.2	49,132,537	16,705,063
Kansas	154,723	16,919,248	16,133,102	786,146	145,146	72,827,658	72,573,323	4.5	76,136,616	26,647,816
SOUTH ATLANTIC:										
Delaware	9,749	948,656	902,193	46,463	9,080	3,720,206	3,714,962	4.1	3,908,463	1,993,316
Maryland	45,564	3,436,376	3,260,983	175,393	42,209	14,328,483	14,299,659	4.4	15,085,691	6,637,704
District of Columbia	170	10,370	9,395	975	153	39,099	38,859	4.1	42,932	21,466
Virginia	175,167	7,860,488	7,619,457	241,031	167,022	35,473,644	35,415,065	4.6	36,551,269	15,351,533
West Virginia	82,389	4,027,510	3,886,760	140,750	78,566	20,987,164	20,938,216	5.4	21,708,279	8,900,394
North Carolina	247,062	7,393,161	6,990,888	402,273	226,682	23,560,559	23,513,392	3.4	24,841,021	10,433,229
South Carolina	169,590	3,954,365	3,671,182	283,183	152,035	11,906,632	11,884,342	3.2	12,812,143	5,893,586
Georgia	278,004	7,221,788	6,727,910	493,878	250,687	21,653,281	21,592,469	3.2	23,181,939	9,736,414
Florida	45,023	1,554,896	1,416,461	138,435	39,366	5,962,406	5,946,613	4.2	6,530,563	3,069,365
EAST SOUTH CENTRAL:										
Kentucky	241,313	10,477,598	10,029,576	448,022	226,210	40,577,039	40,457,365	4.0	42,224,720	15,200,899
Tennessee	233,772	11,353,647	10,916,297	437,350	219,598	46,956,754	46,870,765	4.3	48,707,146	18,021,644
Alabama	234,173	5,918,429	5,558,025	360,404	213,432	22,096,629	22,037,294	4.0	23,436,979	8,671,682
Mississippi	237,646	6,342,204	5,855,613	486,591	209,929	22,012,341	21,973,350	3.8	23,783,265	9,037,641
WEST SOUTH CENTRAL:										
Arkansas	208,031	6,955,132	6,465,880	489,252	186,578	26,267,290	26,166,881	4.0	28,168,285	10,140,583
Louisiana	119,607	3,763,910	3,381,663	382,247	103,332	11,832,290	11,817,906	3.5	13,136,046	4,991,697
Oklahoma	176,210	11,137,259	10,128,839	1,008,420	152,265	41,584,168	41,361,556	4.1	45,440,017	16,358,406
Texas	382,825	18,062,744	16,640,351	1,422,393	337,420	64,979,225	64,780,573	3.9	70,264,074	25,997,707
MOUNTAIN:										
Montana	44,266	2,055,120	1,910,789	144,331	41,031	11,238,256	11,028,702	5.8	11,858,042	4,624,636
Idaho	35,167	1,654,771	1,511,605	143,166	31,414	7,932,780	7,866,836	5.2	8,604,809	3,441,924
Wyoming	12,262	620,734	559,705	61,029	10,893	2,875,158	2,852,364	5.1	3,165,743	1,297,955
Colorado	51,693	2,874,721	2,680,259	194,462	47,111	13,314,801	13,220,740	4.9	14,172,375	5,668,950
New Mexico	21,982	713,937	628,377	85,560	17,747	2,711,417	2,698,406	4.3	3,062,790	1,347,628
Arizona	7,844	495,065	418,488	76,577	6,303	2,143,533	2,135,648	5.1	2,524,832	1,186,671
Utah	21,016	954,695	889,494	65,201	19,124	5,350,050	5,322,636	6.0	5,709,076	2,112,358
Nevada	2,538	155,197	131,044	24,153	2,082	759,395	755,898	5.8	895,487	429,834
PACIFIC:										
Washington	56,724	3,547,604	3,309,078	238,526	50,727	20,117,449	19,913,973	6.0	21,356,576	10,037,591
Oregon	43,576	2,500,123	2,273,985	226,138	38,096	13,353,471	13,313,736	5.9	14,625,720	6,435,317
California	91,915	10,426,648	9,339,780	1,086,868	74,679	57,659,313	57,443,550	6.2	64,123,885	31,420,704

TABLE 27.—PRODUCTION AND VALUE OF EGGS (TOTALS, INCLUDING ESTIMATES), BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	TOTAL PRODUCTION OF CHICKEN EGGS, INCLUDING ESTIMATES (DOZENS).[1]				VALUE OF CHICKEN EGGS (INCLUDING ESTIMATES).[1]		EGGS OF ALL KINDS, 1909 (TOTALS, INCLUDING ESTIMATES, AS PUBLISHED).	
	1919	1909	Increase.		1919	1909	Quantity (dozens).	Value.
			Amount.	Per cent.				
United States	1,654,044,932	1,574,979,416	79,065,516	5.0	$661,082,803	$303,296,012	1,591,311,371	$306,688,960
GEOGRAPHIC DIVISIONS:								
New England	37,631,896	54,668,094	—17,037,098	—31.2	21,841,202	15,006,734	55,078,175	15,155,991
Middle Atlantic	151,453,438	159,465,468	—8,012,030	—5.0	74,870,761	36,848,320	161,921,598	37,507,552
East North Central	400,445,456	389,256,925	11,188,531	2.9	159,334,852	74,595,257	392,304,118	75,237,900
West North Central	474,591,975	442,167,894	32,424,081	7.3	166,575,154	76,722,932	446,336,192	77,493,327
South Atlantic	144,662,300	134,289,761	10,372,539	7.7	62,037,007	26,211,141	136,073,767	26,545,679
East South Central	138,152,110	127,308,625	10,843,485	8.5	50,931,866	22,002,037	129,133,681	22,283,364
West South Central	157,008,422	163,644,118	—6,635,696	—4.1	57,488,393	26,086,357	165,557,865	26,395,765
Mountain	49,993,154	35,233,191	14,759,963	41.9	20,109,956	8,489,470	35,504,102	8,582,548
Pacific	100,106,181	68,944,440	31,161,741	45.2	47,893,612	17,333,764	69,401,873	17,486,834
NEW ENGLAND:								
Maine	9,977,349	14,876,215	—4,898,866	—32.9	5,487,542	3,769,581	14,935,959	3,792,335
New Hampshire	5,005,302	7,469,472	—2,464,170	—33.0	2,853,022	2,033,121	7,499,470	2,043,338
Vermont	5,166,689	7,001,897	—1,835,208	—26.2	2,738,345	1,703,214	7,037,082	1,715,221
Massachusetts	9,604,274	13,961,352	—4,357,078	—31.2	6,050,693	4,211,958	14,145,240	4,280,445
Rhode Island	1,536,858	2,862,246	—1,325,388	—46.3	906,746	837,496	2,894,081	848,527
Connecticut	6,341,424	8,497,812	—2,156,388	—25.4	3,804,854	2,451,364	8,566,343	2,476,125
MIDDLE ATLANTIC:								
New York	62,175,162	71,191,449	—9,016,287	—12.7	31,087,581	16,776,799	72,349,034	17,101,732
New Jersey	13,280,104	14,590,530	—1,310,426	—9.0	7,304,057	3,832,751	14,842,859	3,903,005
Pennsylvania	75,998,172	73,683,489	2,314,683	3.1	36,479,123	16,238,770	74,729,705	16,502,815
EAST NORTH CENTRAL:								
Ohio	102,377,143	100,284,261	2,092,882	2.1	42,998,400	19,610,417	100,889,599	19,748,658
Indiana	83,101,293	80,028,638	3,072,655	3.8	32,409,504	15,149,620	80,755,437	15,287,205
Illinois	105,757,907	99,118,224	6,639,683	6.7	40,188,005	18,751,049	100,119,418	18,940,454
Michigan	55,986,999	59,556,356	—3,569,357	—6.0	23,514,540	11,652,655	59,915,851	11,734,799
Wisconsin	53,222,114	50,269,446	2,952,668	5.9	20,224,403	9,431,516	50,623,813	9,526,784
WEST NORTH CENTRAL:								
Minnesota	60,249,543	53,323,702	6,925,841	13.0	21,689,835	9,640,434	53,807,974	9,767,410
Iowa	120,697,319	108,662,882	12,034,437	11.1	42,244,062	19,043,244	109,760,487	19,235,600
Missouri	117,203,569	110,922,159	6,281,410	5.7	42,193,285	19,229,528	111,816,693	19,345,602
North Dakota	20,820,407	17,069,496	3,750,911	22.0	7,078,938	2,984,773	17,294,322	3,045,687
South Dakota	30,351,984	24,641,342	5,710,642	23.2	10,016,155	4,155,161	25,067,489	4,244,291
Nebraska	49,132,537	46,460,024	2,671,913	5.8	16,705,063	7,902,483	46,929,923	7,900,377
Kansas	76,136,616	81,087,689	—4,951,073	—6.1	26,647,816	13,767,309	81,659,304	13,864,360
SOUTH ATLANTIC:								
Delaware	3,908,463	4,395,100	—486,637	—11.1	1,993,316	956,373	4,448,482	968,970
Maryland	15,085,691	15,238,591	—152,900	—1.0	6,637,704	3,177,515	15,533,732	3,235,759
District of Columbia	42,932	51,062	—8,130	—15.9	21,466	15,048	51,945	15,277
Virginia	36,551,269	34,539,082	2,012,187	5.8	15,351,533	6,779,042	35,100,693	6,882,276
West Virginia	21,708,279	18,948,259	2,760,020	14.6	8,900,394	3,628,127	19,159,008	3,672,193
North Carolina	24,841,021	23,179,226	1,661,795	7.2	10,433,229	4,197,174	23,556,124	4,256,769
South Carolina	12,812,143	10,983,171	1,828,972	16.7	5,893,586	2,147,657	11,049,468	2,162,797
Georgia	23,181,939	20,606,219	2,575,720	12.5	9,736,414	3,939,986	20,793,359	3,971,760
Florida	6,530,563	6,349,051	181,512	2.9	3,069,365	1,370,219	6,380,956	1,379,878
EAST SOUTH CENTRAL:								
Kentucky	42,224,720	43,781,616	—1,556,896	—3.6	15,200,899	7,529,065	44,313,377	7,605,116
Tennessee	48,707,146	41,244,285	7,462,861	18.1	18,021,644	7,142,016	42,043,104	7,258,146
Alabama	23,436,979	21,945,662	1,491,317	6.8	8,671,682	3,713,533	22,234,713	3,762,445
Mississippi	23,783,265	20,337,062	3,446,203	16.9	9,037,641	3,617,423	20,542,487	3,657,657
WEST SOUTH CENTRAL:								
Arkansas	28,168,285	26,486,526	1,681,759	6.3	10,140,583	4,365,627	27,054,674	4,459,272
Louisiana	13,136,046	14,423,023	—1,286,977	—8.9	4,991,697	2,406,877	14,657,544	2,448,502
Oklahoma	45,440,017	45,356,592	83,425	0.2	16,358,406	7,453,912	46,000,600	7,544,445
Texas	70,264,074	77,377,977	—7,113,903	—9.2	25,997,707	11,859,941	77,845,047	11,943,546
MOUNTAIN:								
Montana	11,858,042	5,950,015	5,908,027	99.3	4,624,636	1,589,826	6,004,051	1,610,766
Idaho	8,604,809	6,433,840	2,170,969	33.7	3,441,924	1,531,398	6,492,270	1,548,431
Wyoming	3,165,743	2,070,799	1,094,944	52.9	1,297,955	493,865	2,091,716	501,386
Colorado	14,172,375	10,577,829	3,594,546	34.0	5,668,950	2,419,566	10,652,396	2,444,006
New Mexico	3,062,790	2,961,352	101,438	3.4	1,347,628	677,973	2,976,233	683,441
Arizona	2,524,832	1,731,872	792,960	45.8	1,186,671	526,500	1,744,081	530,746
Utah	5,709,076	4,644,829	1,064,247	22.9	2,112,358	989,959	4,672,866	999,959
Nevada	895,487	862,655	32,832	3.8	429,834	260,383	870,489	263,813
PACIFIC:								
Washington	21,356,576	16,373,740	4,982,836	30.4	10,037,591	4,276,801	16,472,575	4,311,291
Oregon	14,625,720	11,835,462	2,790,258	23.6	6,435,317	2,886,633	11,906,903	2,912,849
California	64,123,885	40,735,238	23,388,647	57.4	31,420,704	10,170,330	41,022,395	10,262,694

[1] The figures for both 1919 and 1909 include estimates for farms reporting chickens on hand on the census date but no eggs produced during the preceding year. The returns for 1909 included all eggs produced. To obtain figures for chicken eggs alone in 1909, the quantity and value of eggs of other kinds have been estimated and deducted.

TABLE 28.—CHICKENS ON FARMS, 1920, AND CHICKENS RAISED, AS REPORTED AND INCLUDING ESTIMATES, 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	CHICKENS ON FARMS, JANUARY 1, 1920.				CHICKENS RAISED, AS REPORTED, 1919.				TOTAL NUMBER OF CHICKENS RAISED, INCLUDING ESTIMATES, 1919.	
	Farms reporting.	Total number of chickens on hand.	On farms reporting chickens raised in 1919.	On farms not reporting chickens raised in 1919.	Farms reporting.	Total number.	On farms reporting chickens on hand.			
							Number.	Av. per chicken onhand.	Number.	Value.
United States	**5,837,367**	**359,537,127**	**307,888,665**	**51,648,462**	**4,578,202**	**405,488,930**	**403,502,199**	**1.31**	**473,301,959**	**$386,240,367**
GEOGRAPHIC DIVISIONS:										
New England	127,888	5,803,507	4,473,634	1,329,873	86,244	6,613,703	6,531,243	1.46	8,477,360	10,762,556
Middle Atlantic	389,651	27,452,439	23,414,140	4,038,299	308,119	26,641,024	26,385,047	1.13	31,059,165	33,880,697
East North Central	1,020,865	84,516,275	75,666,850	8,849,425	871,584	89,453,139	89,084,983	1.18	99,251,552	90,479,433
West North Central	1,023,685	105,347,758	94,100,888	11,246,870	868,691	113,745,342	113,107,956	1.20	126,762,874	103,583,599
South Atlantic	1,052,718	36,407,610	30,657,961	5,749,649	825,021	55,033,698	54,905,587	1.79	65,374,047	48,594,256
East South Central	946,904	34,091,873	28,593,699	5,498,179	728,510	42,768,613	42,657,935	1.49	51,071,455	34,256,229
West South Central	886,673	39,919,045	31,557,005	8,362,040	633,778	45,486,868	45,299,722	1.44	57,328,795	39,530,740
Mountain	196,768	9,524,240	7,289,904	2,234,336	135,774	10,174,044	10,033,319	1.38	13,037,295	9,906,323
Pacific	192,215	16,474,375	12,134,584	4,339,791	120,481	15,572,400	15,496,407	1.28	20,939,416	15,246,534
NEW ENGLAND:										
Maine	38,464	1,403,284	1,120,377	282,907	27,348	1,548,458	1,522,162	1.36	1,908,466	2,328,329
New Hampshire	16,359	771,233	588,877	182,356	10,410	902,877	893,371	1.52	1,172,274	1,488,788
Vermont	24,451	799,797	601,563	198,234	16,588	770,583	764,308	1.27	1,015,742	1,300,150
Massachusetts	25,425	1,455,193	1,110,319	344,874	16,241	1,857,007	1,828,507	1.65	2,401,068	2,953,314
Rhode Island	3,534	253,607	203,210	50,397	2,382	352,788	347,826	1.71	433,668	620,145
Connecticut	19,655	1,120,393	849,288	271,105	13,275	1,182,080	1,175,069	1.38	1,546,142	2,071,830
MIDDLE ATLANTIC:										
New York	174,047	10,414,600	8,312,842	2,101,758	128,208	9,618,592	9,452,626	1.14	11,872,644	11,753,918
New Jersey	26,972	2,534,371	2,073,537	460,834	19,496	2,898,391	2,889,821	1.39	3,522,776	4,896,659
Pennsylvania	188,632	14,503,468	13,027,761	1,475,707	160,415	14,124,041	14,042,600	1.08	15,663,745	17,230,120
EAST NORTH CENTRAL:										
Ohio	241,578	20,232,637	18,035,111	2,197,526	205,507	20,112,932	20,023,663	1.11	22,458,227	21,110,733
Indiana	194,239	16,754,293	15,232,574	1,521,719	171,024	20,657,095	20,590,230	1.35	22,618,296	20,356,466
Illinois	226,740	25,120,643	23,015,386	2,105,257	202,077	27,569,514	27,466,436	1.19	29,893,565	27,502,080
Michigan	180,604	10,913,645	9,426,018	1,487,627	147,821	10,790,096	10,721,915	1.14	12,441,555	11,446,231
Wisconsin	177,644	11,495,057	9,957,761	1,537,296	145,155	10,323,502	10,282,739	1.03	11,839,909	10,063,923
WEST NORTH CENTRAL:										
Minnesota	163,818	13,212,619	11,446,888	1,765,731	134,052	13,149,873	13,072,103	1.14	15,062,386	11,748,661
Iowa	203,077	27,746,510	25,629,211	2,117,299	183,892	29,036,530	28,799,030	1.12	31,076,091	27,968,482
Missouri	248,575	24,883,985	22,486,407	2,397,578	214,119	26,567,053	26,452,920	1.18	29,363,102	24,077,744
North Dakota	69,722	4,328,567	3,537,338	791,229	53,482	4,367,128	4,338,683	1.23	5,324,137	3,407,448
South Dakota	67,687	6,641,572	5,793,922	847,650	54,790	6,723,818	6,682,699	1.15	7,637,808	6,033,868
Nebraska	116,083	11,615,257	10,166,003	1,449,254	97,071	13,838,311	13,776,115	1.36	15,796,750	12,795,368
Kansas	154,723	16,919,248	15,041,119	1,878,129	131,285	20,062,629	19,986,406	1.33	22,502,600	17,552,028
SOUTH ATLANTIC:										
Delaware	9,749	948,656	864,560	84,096	8,487	1,101,460	1,099,783	1.27	1,204,793	1,216,841
Maryland	45,564	3,436,376	2,994,769	441,607	37,194	4,597,291	4,586,398	1.53	5,257,655	5,099,925
District of Columbia	170	10,370	7,240	3,130	98	9,841	9,841	1.36	14,103	16,218
Virginia	175,167	7,860,488	7,065,101	795,387	149,826	12,808,710	12,785,187	1.81	14,227,483	10,528,337
West Virginia	82,389	4,027,510	3,430,554	596,956	66,697	4,155,228	4,142,545	1.21	4,873,287	4,142,294
North Carolina	247,062	7,393,161	6,129,460	1,263,701	193,771	11,658,183	11,632,075	1.90	14,047,006	9,973,374
South Carolina	169,590	3,954,365	3,150,834	803,531	125,903	7,192,737	7,179,247	2.28	9,015,952	6,311,166
Georgia	278,004	7,221,788	5,899,910	1,321,878	214,174	11,965,044	11,930,756	2.02	14,588,012	9,482,208
Florida	45,023	1,554,896	1,115,533	439,363	28,871	1,545,204	1,539,755	1.38	2,145,756	1,823,893
EAST SOUTH CENTRAL:										
Kentucky	241,313	10,477,598	9,004,613	1,472,985	196,246	13,327,464	13,282,674	1.48	15,506,845	11,009,860
Tennessee	233,772	11,353,647	10,015,083	1,338,564	194,909	13,774,809	13,744,699	1.37	15,554,496	11,043,692
Alabama	234,173	5,918,429	4,696,030	1,222,399	172,067	8,081,368	8,060,652	1.72	10,179,698	6,107,819
Mississippi	237,646	6,342,204	4,877,973	1,464,231	165,288	7,584,972	7,569,910	1.55	9,830,416	6,094,858
WEST SOUTH CENTRAL:										
Arkansas	208,031	6,955,132	5,435,266	1,519,866	148,008	7,137,703	7,108,071	1.31	9,111,223	6,104,519
Louisiana	119,607	3,763,910	2,495,441	1,268,469	73,440	3,698,736	3,693,385	1.48	5,570,587	3,843,705
Oklahoma	176,210	11,137,259	9,055,879	2,081,380	129,767	13,792,742	13,719,225	1.51	16,817,261	12,276,601
Texas	382,825	18,062,744	14,570,419	3,492,325	282,563	20,857,687	20,779,041	1.43	25,829,724	17,305,915
MOUNTAIN:										
Montana	44,266	2,055,120	1,656,176	398,944	33,782	2,659,630	2,599,708	1.57	3,226,538	2,258,577
Idaho	35,167	1,654,771	1,275,296	379,475	24,940	1,748,638	1,733,605	1.36	2,250,489	1,620,352
Wyoming	12,262	620,734	487,479	133,255	8,890	711,936	704,081	1.44	893,857	724,024
Colorado	51,693	2,874,721	2,317,810	556,911	38,004	3,155,255	3,127,587	1.35	3,880,873	3,104,698
New Mexico	21,982	713,937	479,299	234,638	11,217	623,757	619,954	1.29	920,979	755,203
Arizona	7,844	495,065	315,307	179,758	4,274	365,633	363,653	1.15	569,325	512,393
Utah	21,016	954,695	644,829	309,866	13,056	771,773	747,588	1.16	1,107,446	775,212
Nevada	2,538	155,197	113,708	41,489	1,611	137,422	137,143	1.21	187,788	155,864
PACIFIC:										
Washington	56,724	3,547,604	2,778,566	769,038	39,710	3,834,122	3,811,455	1.37	4,860,217	3,742,367
Oregon	43,576	2,500,123	1,946,408	553,715	30,135	2,471,143	2,460,951	1.26	3,150,155	2,583,127
California	91,915	10,426,648	7,409,610	3,017,038	50,636	9,267,144	9,224,001	1.24	12,929,044	8,921,040

TABLE 29.—NUMBER AND VALUE OF CHICKENS RAISED (TOTALS, INCLUDING ESTIMATES), BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	TOTAL NUMBER OF CHICKENS RAISED, INCLUDING ESTIMATES.[1]				VALUE OF CHICKENS RAISED (INCLUDING ESTIMATES).[1]		FOWLS OF ALL KINDS RAISED, 1909 (TOTALS, INCLUDING ESTIMATES, AS PUBLISHED).	
	1919	1909	Increase.		1919	1909		
			Number.	Per cent.			Number.	Value.
United States	**473,301,959**	**460,611,201**	**12,690,758**	**2.8**	**$386,240,367**	**$184,902,527**	**488,468,354**	**$202,506,272**
GEOGRAPHIC DIVISIONS:								
New England	8,477,360	10,756,947	—2,279,587	—21.2	10,762,556	6,989,191	11,139,439	7,361,038
Middle Atlantic	31,059,165	34,070,656	—3,011,491	—8.8	33,880,697	19,771,902	36,313,031	21,527,077
East North Central	99,251,552	98,895,698	355,854	0.4	90,479,433	44,919,397	102,496,192	47,972,887
West North Central	126,762,874	118,998,060	7,764,814	6.5	103,583,599	48,811,295	123,853,667	52,337,180
South Atlantic	65,374,047	65,058,950	315,097	0.5	48,594,256	21,353,022	70,792,154	24,413,963
East South Central	51,071,455	55,683,712	—4,612,257	—8.3	34,256,229	16,543,401	61,199,837	19,128,378
West South Central	57,328,795	54,701,253	2,627,542	4.8	39,530,740	15,501,002	59,066,127	17,681,375
Mountain	13,037,295	8,431,522	4,605,773	54.6	9,906,323	3,993,778	8,799,190	4,373,143
Pacific	20,939,416	14,014,403	6,925,013	49.4	15,246,534	7,019,539	14,808,717	7,710,731
NEW ENGLAND:								
Maine	1,908,466	2,554,902	—646,436	—25.3	2,328,329	1,412,625	2,601,733	1,454,815
New Hampshire	1,172,274	1,362,577	—190,303	—14.0	1,488,788	850,007	1,394,654	879,014
Vermont	1,015,742	1,246,613	—230,871	—18.5	1,300,150	700,891	1,282,524	759,362
Massachusetts	2,401,068	3,054,934	—653,866	—21.4	2,953,314	2,271,235	3,212,339	2,411,078
Rhode Island	433,668	569,809	—136,141	—23.9	620,145	451,166	602,335	482,015
Connecticut	1,546,142	1,968,112	—421,970	—21.4	2,071,830	1,303,267	2,045,854	1,374,754
MIDDLE ATLANTIC:								
New York	11,872,644	13,393,599	—1,520,955	—11.4	11,753,918	7,798,134	13,980,792	8,403,162
New Jersey	3,522,776	4,328,628	—805,852	—18.6	4,896,659	3,484,502	4,847,288	3,846,029
Pennsylvania	15,663,745	16,348,429	—684,684	—4.2	17,230,120	8,489,266	17,484,951	9,277,886
EAST NORTH CENTRAL:								
Ohio	22,458,227	22,776,881	—318,654	—1.4	21,110,733	10,392,763	23,433,005	10,997,633
Indiana	22,618,296	22,098,966	519,330	2.4	20,356,466	9,910,951	23,067,814	10,726,137
Illinois	29,893,565	31,058,772	—1,165,207	—3.8	27,502,080	14,402,766	32,352,888	15,404,028
Michigan	12,441,555	12,529,844	—88,289	—0.7	11,446,231	5,857,102	12,877,537	6,191,440
Wisconsin	11,839,909	10,431,235	1,408,674	13.5	10,063,923	4,355,815	10,764,948	4,653,649
WEST NORTH CENTRAL:								
Minnesota	15,062,386	11,412,001	3,650,385	32.0	11,748,661	4,295,291	11,862,787	4,714,919
Iowa	31,076,091	28,970,482	2,105,609	7.3	27,968,482	13,191,406	29,990,147	13,914,985
Missouri	29,363,102	30,413,289	—1,050,187	—3.5	24,077,744	13,290,198	31,913,210	14,572,585
North Dakota	5,324,137	3,829,177	1,494,960	39.0	3,407,448	1,368,179	4,043,481	1,530,402
South Dakota	7,637,808	5,802,869	1,834,939	31.6	6,033,868	2,145,922	6,186,427	2,355,567
Nebraska	15,796,750	14,724,281	1,072,469	7.3	12,795,368	5,579,049	15,274,150	5,866,508
Kansas	22,502,600	23,845,961	—1,343,361	—5.6	17,552,028	8,941,250	24,583,465	9,382,214
SOUTH ATLANTIC:								
Delaware	1,204,793	1,401,446	—196,653	—14.0	1,216,841	746,294	1,562,370	838,533
Maryland	5,257,655	5,419,957	—162,302	—3.0	5,099,925	2,616,891	5,949,459	3,011,382
District of Columbia	14,103	13,850	253	1.8	16,218	8,183	15,614	9,102
Virginia	14,227,483	15,182,753	—955,270	—6.3	10,528,337	5,383,227	16,290,508	6,145,236
West Virginia	4,873,287	5,204,967	—331,680	—6.4	4,142,294	1,974,530	5,543,096	2,238,596
North Carolina	14,047,006	13,765,827	281,179	2.0	9,973,374	3,912,187	15,227,685	4,496,767
South Carolina	9,015,952	8,062,383	953,569	11.8	6,311,166	2,188,886	8,811,348	2,548,179
Georgia	14,588,012	13,706,397	881,615	6.4	9,482,208	3,617,246	14,930,716	4,119,870
Florida	2,145,756	2,301,370	—155,614	—6.8	1,823,893	905,578	2,461,358	1,006,198
EAST SOUTH CENTRAL:								
Kentucky	15,506,845	17,572,773	—2,065,928	—11.8	11,009,860	6,000,512	19,247,287	6,937,008
Tennessee	15,554,496	15,865,254	—310,758	—2.0	11,043,692	5,069,726	17,415,208	5,774,175
Alabama	10,179,698	11,382,815	—1,203,117	—10.6	6,107,819	2,747,064	12,467,486	3,168,471
Mississippi	9,830,416	10,862,870	—1,032,454	—9.5	6,094,858	2,726,099	12,069,856	3,249,224
WEST SOUTH CENTRAL:								
Arkansas	9,111,223	9,673,838	—562,615	—5.8	6,104,519	2,403,855	10,808,758	2,868,562
Louisiana	5,570,587	5,830,049	—259,462	—4.5	3,843,705	1,696,689	6,337,010	1,943,515
Oklahoma	16,817,261	15,336,955	1,480,306	9.7	12,276,601	4,951,694	16,264,003	5,388,133
Texas	25,829,724	23,860,411	1,969,313	8.3	17,305,915	6,448,764	25,656,356	7,481,165
MOUNTAIN:								
Montana	3,226,538	1,366,835	1,859,703	136.1	2,258,577	717,705	1,432,741	797,450
Idaho	2,250,489	1,588,794	661,695	41.6	1,620,352	733,441	1,653,272	800,700
Wyoming	893,857	494,768	399,089	80.7	724,024	235,005	519,169	260,538
Colorado	3,880,873	2,585,132	1,295,741	50.1	3,104,698	1,277,417	2,706,945	1,393,039
New Mexico	920,979	893,831	27,148	3.0	755,203	341,786	932,045	367,907
Arizona	569,325	374,241	195,084	52.1	512,393	204,881	392,286	225,640
Utah	1,107,446	946,647	160,799	17.0	775,212	381,432	971,917	412,359
Nevada	187,788	181,274	6,514	3.6	155,864	102,111	190,815	115,510
PACIFIC:								
Washington	4,860,217	3,610,589	1,249,628	34.6	3,742,367	1,766,812	3,722,257	1,873,608
Oregon	3,150,155	2,554,583	595,572	23.3	2,583,127	1,291,946	2,655,492	1,416,608
California	12,929,044	7,849,231	5,079,813	64.7	8,921,040	3,960,781	8,430,968	4,420,515

[1] The figures for both 1919 and 1909 include estimates for farms reporting chickens on hand on the census date but no chickens raised during the preceding year. The returns for 1909 included all kinds of fowls raised. To obtain figures for chickens alone in 1909, the number and value of other fowls raised have been estimated and deducted.

TABLE 30.—EGGS SOLD, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	EGGS SOLD, AS REPORTED.						AVERAGE VALUE OF EGGS SOLD, PER DOZEN.	
	Chicken eggs, 1919			Eggs of all kinds, 1909				
	Farms reporting.	Quantity (dozens).	Value.	Farms reporting.	Quantity (dozens).	Value.	Chicken eggs, 1919	Eggs of all kinds, 1909
United States	4,088,169	1,010,813,258	$404,562,912	3,860,067	926,465,787	$180,768,249	$0.40	$0.20
GEOGRAPHIC DIVISIONS:								
New England	86,473	24,212,749	14,086,764	115,494	37,025,214	10,288,343	0.58	0.28
Middle Atlantic	313,023	104,302,743	51,059,828	351,028	110,099,444	25,491,087	0.49	0.23
East North Central	882,318	274,303,755	108,342,696	880,655	256,349,132	49,181,738	0.39	0.19
West North Central	869,234	306,832,765	107,921,254	796,323	275,973,530	47,835,052	0.35	0.17
South Atlantic	626,740	75,955,820	32,293,802	597,891	68,946,260	13,615,214	0.43	0.20
East South Central	641,435	75,555,136	27,564,260	552,989	62,699,552	10,808,834	0.36	0.17
West South Central	467,570	62,044,369	22,460,103	419,952	60,044,751	9,654,886	0.36	0.16
Mountain	98,318	21,310,233	8,515,629	59,315	13,654,183	3,341,609	0.40	0.24
Pacific	103,058	66,295,688	32,318,576	86,420	41,673,721	10,551,486	0.49	0.25
NEW ENGLAND:								
Maine	27,855	6,770,370	3,735,171	37,264	10,340,134	2,659,117	0.55	0.26
New Hampshire	11,069	3,299,639	1,865,739	15,763	4,948,014	1,373,432	0.57	0.28
Vermont	17,372	3,094,170	1,661,695	21,432	4,451,120	1,092,578	0.54	0.25
Massachusetts	15,244	6,022,298	3,827,993	21,084	9,614,504	2,914,755	0.64	0.30
Rhode Island	2,413	1,017,488	604,363	3,606	2,246,679	669,984	0.59	0.30
Connecticut	12,520	4,008,784	2,391,803	16,345	5,424,763	1,578,477	0.60	0.29
MIDDLE ATLANTIC:								
New York	133,808	40,455,153	20,185,619	156,807	48,074,481	11,394,511	0.50	0.24
New Jersey	18,294	8,691,656	4,766,876	22,128	9,578,886	2,535,668	0.55	0.26
Pennsylvania	160,921	55,155,934	26,107,333	172,093	52,446,077	11,560,908	0.47	0.22
EAST NORTH CENTRAL:								
Ohio	214,069	74,898,009	31,092,151	218,807	69,575,637	13,608,860	0.42	0.20
Indiana	176,084	59,953,361	23,254,964	175,255	53,899,416	10,213,390	0.39	0.19
Illinois	202,259	70,011,698	26,387,664	198,309	62,036,857	11,745,315	0.38	0.19
Michigan	146,282	36,362,264	15,151,355	154,069	38,568,386	7,547,202	0.42	0.20
Wisconsin	143,624	33,078,423	12,456,562	134,215	32,268,836	6,066,971	0.38	0.19
WEST NORTH CENTRAL:								
Minnesota	134,608	37,639,899	13,531,653	116,514	34,347,776	6,212,270	0.36	0.18
Iowa	187,096	81,215,875	28,713,386	176,853	70,835,349	12,387,353	0.35	0.17
Missouri	219,991	84,327,264	30,429,597	213,240	71,886,145	12,452,508	0.36	0.17
North Dakota	46,459	8,498,671	2,886,246	32,322	6,464,074	1,142,043	0.34	0.18
South Dakota	52,180	17,427,479	5,809,376	41,180	14,226,323	2,371,555	0.33	0.17
Nebraska	94,644	27,114,878	9,221,227	85,083	25,380,697	4,322,484	0.34	0.17
Kansas	134,256	50,608,699	17,329,769	131,131	52,833,166	8,946,839	0.34	0.17
SOUTH ATLANTIC:								
Delaware	8,568	2,811,908	1,439,544	8,880	3,346,683	729,305	0.51	0.22
Maryland	37,478	10,656,009	4,702,632	37,547	10,526,537	2,191,615	0.44	0.21
District of Columbia	67	15,170	7,944	51	16,660	5,709	0.52	0.34
Virginia	141,112	23,213,608	9,786,435	135,389	21,113,160	4,180,530	0.42	0.20
West Virginia	68,434	14,358,172	5,846,359	69,788	11,762,888	2,250,362	0.41	0.19
North Carolina	147,558	11,058,388	4,514,405	148,354	10,471,857	1,908,721	0.41	0.18
South Carolina	67,298	3,342,717	1,509,588	60,192	2,766,645	547,894	0.45	0.20
Georgia	127,145	7,188,539	2,938,765	114,184	6,135,393	1,177,450	0.41	0.19
Florida	29,080	3,311,309	1,548,130	23,506	2,806,437	623,628	0.47	0.22
EAST SOUTH CENTRAL:								
Kentucky	196,370	25,631,564	9,238,447	174,907	24,744,940	4,250,081	0.36	0.17
Tennessee	187,594	31,241,103	11,459,007	172,934	24,597,449	4,248,340	0.37	0.17
Alabama	139,927	9,399,141	3,448,961	112,984	7,665,603	1,303,303	0.37	0.17
Mississippi	117,544	9,283,328	3,417,845	92,164	5,691,560	1,007,110	0.37	0.18
WEST SOUTH CENTRAL:								
Arkansas	111,486	12,048,940	4,158,751	97,866	10,814,594	1,735,524	0.35	0.16
Louisiana	48,828	4,915,384	1,846,947	45,377	5,622,297	920,544	0.38	0.16
Oklahoma	106,410	20,124,662	7,133,379	90,455	18,860,825	3,131,023	0.35	0.17
Texas	200,846	24,955,383	9,321,026	186,254	24,747,035	3,867,795	0.37	0.16
MOUNTAIN:								
Montana	23,692	4,387,077	1,735,867	7,470	2,116,624	584,953	0.40	0.28
Idaho	19,820	3,555,021	1,427,106	10,997	2,370,346	573,098	0.40	0.24
Wyoming	6,059	1,153,000	467,711	2,585	542,643	133,157	0.41	0.25
Colorado	30,164	6,352,073	2,485,694	17,356	4,260,285	981,851	0.39	0.23
New Mexico	7,816	1,112,958	480,882	7,369	882,856	212,679	0.43	0.24
Arizona	3,618	1,320,387	605,040	2,228	820,377	250,488	0.46	0.31
Utah	6,193	3,059,845	1,137,528	10,378	2,315,120	499,988	0.37	0.22
Nevada	956	369,872	175,801	932	345,932	105,395	0.48	0.30
PACIFIC:								
Washington	33,003	13,107,150	6,299,710	26,621	8,572,408	2,302,128	0.48	0.27
Oregon	27,522	8,426,715	3,740,429	23,178	6,233,626	1,531,932	0.44	0.25
California	42,533	44,761,823	22,278,437	36,621	26,867,687	6,717,426	0.50	0.25

TABLE 31.—CHICKENS SOLD, 1919, AND FOWLS SOLD, 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	CHICKENS SOLD, 1919.			FOWLS SOLD (ALL KINDS), 1909.			Average value of chickens sold, 1919	Average value of fowls sold, 1909
	Farms reporting.	Number.	Value.	Farms reporting.	Number.	Value.		
United States	**2,698,211**	**140,811,045**	**$119,722,603**	**3,038,932**	**153,600,169**	**$75,273,524**	**$0.85**	**$0.49**
GEOGRAPHIC DIVISIONS:								
New England	53,882	3,177,497	4,006,975	86,243	5,156,345	3,657,885	1.26	0.71
Middle Atlantic	217,091	12,240,154	13,455,574	274,212	16,392,968	10,529,042	1.10	0.64
East North Central	674,774	38,988,942	35,616,945	713,322	38,497,611	20,104,214	0.91	0.52
West North Central	621,624	40,711,378	33,761,568	609,780	36,611,202	17,957,269	0.83	0.49
South Atlantic	409,265	15,366,383	11,660,486	499,193	20,774,474	8,377,958	0.76	0.40
East South Central	366,088	11,491,779	7,881,340	434,449	15,338,379	5,717,349	0.69	0.37
West South Central	246,317	9,459,382	6,548,319	313,521	12,727,015	4,389,435	0.69	0.34
Mountain	48,764	2,626,550	2,007,829	42,334	2,215,484	1,243,964	0.76	0.56
Pacific	60,406	6,748,980	4,783,567	65,878	5,886,691	3,296,408	0.71	0.56
NEW ENGLAND:								
Maine	17,676	736,742	907,087	27,341	1,213,689	727,748	1.23	0.60
New Hampshire	6,548	432,771	538,007	11,420	623,092	411,441	1.24	0.66
Vermont	10,318	336,730	429,924	14,933	579,614	387,410	1.28	0.67
Massachusetts	9,893	996,275	1,218,653	16,742	1,596,472	1,287,829	1.22	0.81
Rhode Island	1,607	142,632	199,605	2,995	295,413	245,325	1.40	0.83
Connecticut	7,840	532,347	713,699	12,812	848,065	598,132	1.34	0.71
MIDDLE ATLANTIC:								
New York	76,508	4,105,159	4,067,469	107,264	5,806,367	3,766,603	0.99	0.65
New Jersey	14,018	1,377,285	1,940,871	19,930	2,540,200	2,130,591	1.41	0.84
Pennsylvania	126,565	6,757,710	7,447,234	147,018	8,046,401	4,631,848	1.10	0.58
EAST NORTH CENTRAL:								
Ohio	164,607	9,196,928	8,668,429	177,703	9,123,564	4,754,091	0.94	0.52
Indiana	142,386	8,519,282	7,665,513	145,852	8,127,981	4,323,074	0.90	0.53
Illinois	173,671	12,482,811	11,477,038	178,866	12,096,388	6,335,037	0.92	0.52
Michigan	102,895	4,783,178	4,384,995	120,804	5,289,794	2,746,226	0.92	0.52
Wisconsin	91,215	4,006,743	3,420,970	90,097	3,859,884	1,945,786	0.85	0.50
WEST NORTH CENTRAL:								
Minnesota	92,269	5,022,749	3,975,196	78,699	3,704,433	1,796,502	0.79	0.48
Iowa	157,558	12,399,082	11,160,695	153,553	10,388,967	5,207,079	0.90	0.50
Missouri	169,323	10,400,818	8,499,119	180,742	10,656,882	5,833,472	0.82	0.55
North Dakota	17,331	846,410	552,426	13,729	588,492	283,972	0.65	0.48
South Dakota	29,598	1,846,268	1,477,500	23,456	1,314,046	570,844	0.80	0.43
Nebraska	65,130	4,090,398	3,333,801	62,806	3,750,940	1,588,357	0.82	0.42
Kansas	90,415	6,105,653	4,762,831	96,795	6,207,442	2,677,043	0.78	0.43
SOUTH ATLANTIC:								
Delaware	6,596	434,970	440,763	7,377	623,200	355,215	1.01	0.57
Maryland	27,099	1,618,774	1,541,531	32,340	2,273,501	1,313,301	0.95	0.58
District of Columbia	38	3,228	3,831	27	5,152	2,341	1.19	0.45
Virginia	100,638	4,700,493	3,467,581	115,108	6,059,990	2,666,705	0.74	0.44
West Virginia	50,779	1,772,170	1,512,954	56,192	2,009,220	960,436	0.85	0.48
North Carolina	98,753	3,150,011	2,146,195	127,228	4,617,041	1,430,191	0.68	0.31
South Carolina	37,240	1,113,236	765,521	50,536	1,554,709	487,066	0.69	0.31
Georgia	70,916	1,957,384	1,252,220	91,108	2,904,115	848,104	0.64	0.29
Florida	17,206	616,117	529,890	19,277	727,546	314,590	0.86	0.43
EAST SOUTH CENTRAL:								
Kentucky	115,617	3,713,172	2,625,124	132,702	5,036,361	2,272,477	0.71	0.45
Tennessee	124,569	4,429,422	3,167,433	139,461	5,330,639	2,075,792	0.72	0.39
Alabama	69,472	1,847,273	1,153,163	89,587	2,676,890	715,539	0.62	0.27
Mississippi	56,430	1,501,912	935,620	72,699	2,294,489	653,541	0.62	0.28
WEST SOUTH CENTRAL:								
Arkansas	61,434	1,815,467	1,225,772	72,797	2,344,601	688,528	0.68	0.29
Louisiana	16,540	474,844	322,241	30,160	1,058,236	333,820	0.68	0.32
Oklahoma	65,955	3,339,680	2,433,170	68,381	3,562,200	1,324,940	0.73	0.37
Texas	102,388	3,829,391	2,567,136	142,183	5,761,978	2,042,147	0.67	0.35
MOUNTAIN:								
Montana	11,693	604,435	424,342	5,854	371,847	237,050	0.70	0.64
Idaho	9,943	448,811	326,273	7,437	370,776	208,134	0.73	0.56
Wyoming	3,191	154,179	125,705	2,050	106,375	59,825	0.82	0.56
Colorado	15,509	784,711	635,954	11,858	670,128	384,812	0.81	0.57
New Mexico	3,994	154,123	129,420	5,033	194,917	80,848	0.84	0.41
Arizona	2,323	147,519	131,781	1,952	134,098	85,277	0.89	0.64
Utah	1,288	275,650	188,236	7,238	298,015	140,798	0.68	0.47
Nevada	823	57,122	46,118	912	69,328	47,220	0.81	0.68
PACIFIC:								
Washington	18,491	1,482,355	1,141,058	20,049	1,250,839	693,092	0.77	0.55
Oregon	16,192	909,249	733,950	18,337	957,644	584,460	0.81	0.61
California	25,723	4,357,376	2,908,559	27,492	3,678,208	2,018,856	0.67	0.55

TABLE 32.—EGGS PRODUCED ON FARMS, 1879 TO 1919, WITH PER CENT DISTRIBUTION OF CHICKEN EGGS PRODUCED AND CHICKENS RAISED, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	CHICKEN EGGS—TOTAL PRODUCTION, INCLUDING ESTIMATES (DOZENS).		EGGS OF ALL KINDS—TOTAL PRODUCTION, INCLUDING ESTIMATES (DOZENS).				PER CENT DISTRIBUTION.[1]			
							Chicken eggs produced.		Chickens raised.	
	1919	1909	1909	1899	1889	1879	1919	1909	1919	1909
United States	1,654,044,932	1,574,979,416	1,591,311,371	1,293,662,433	819,722,916	456,910,916	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:										
New England	37,631,896	54,668,994	55,078,175	50,686,580	35,538,234	26,802,766	2.28	3.47	1.79	2.34
Middle Atlantic	151,463,438	159,465,468	161,921,598	141,077,420	103,888,592	73,022,770	9.16	10.12	6.56	7.40
East North Central	400,445,456	389,256,925	392,304,118	349,519,490	242,835,382	144,482,603	24.21	24.72	20.97	21.47
West North Central	474,591,975	442,167,894	446,336,192	367,144,220	221,166,571	94,451,115	28.69	28.07	26.78	25.83
South Atlantic	144,662,300	134,289,761	136,073,767	105,349,996	66,232,877	41,162,363	8.75	8.53	13.81	14.12
East South Central	138,152,110	127,308,625	129,133,681	104,866,360	70,080,774	45,285,743	8.35	8.08	10.70	12.09
West South Central	157,008,422	163,644,118	165,557,865	117,230,500	52,761,667	21,488,862	9.49	10.39	12.11	11.88
Mountain	49,993,154	35,233,191	35,504,102	18,160,567	6,374,943	2,287,185	3.02	2.24	2.75	1.83
Pacific	100,106,181	68,944,440	69,401,873	39,627,300	20,843,876	7,927,509	6.05	4.38	4.42	3.04
NEW ENGLAND:										
Maine	9,977,349	14,876,215	14,935,959	13,304,150	9,384,252	7,059,876	0.60	0.94	0.40	0.55
New Hampshire	5,005,302	7,469,472	7,499,470	7,005,180	5,049,150	3,347,211	0.30	0.47	0.25	0.30
Vermont	5,166,689	7,001,897	7,037,082	6,271,880	4,515,130	3,050,131	0.31	0.44	0.21	0.27
Massachusetts	9,604,274	13,961,352	14,145,240	12,928,630	8,931,398	6,571,553	0.58	0.89	0.51	0.66
Rhode Island	1,536,858	2,862,246	2,894,081	3,217,310	2,020,714	1,564,934	0.09	0.18	0.09	0.12
Connecticut	6,341,424	8,497,812	8,566,343	7,959,430	5,637,590	5,209,061	0.38	0.54	0.33	0.43
MIDDLE ATLANTIC:										
New York	62,175,102	71,191,449	72,349,034	62,096,690	45,807,106	31,958,739	3.76	4.52	2.51	2.91
New Jersey	13,280,104	14,590,530	14,842,859	11,942,550	8,031,571	6,686,142	0.80	0.93	0.74	0.94
Pennsylvania	75,998,172	73,683,489	74,729,705	67,038,180	50,049,915	34,377,889	4.59	4.68	3.31	3.55
EAST NORTH CENTRAL:										
Ohio	102,377,143	100,284,261	100,889,599	91,766,630	70,162,240	43,092,291	6.19	6.37	4.75	4.94
Indiana	83,101,293	80,028,638	80,755,437	70,782,200	48,621,660	28,823,819	5.02	5.08	4.78	4.80
Illinois	105,757,907	99,118,224	100,119,418	86,402,670	60,351,065	35,978,297	6.39	6.29	6.32	6.74
Michigan	55,986,999	59,556,356	59,915,851	54,318,410	34,309,633	20,762,171	3.38	3.78	2.63	2.72
Wisconsin	53,222,114	50,269,446	50,623,813	46,249,580	29,390,784	15,826,025	3.22	3.19	2.50	2.26
WEST NORTH CENTRAL:										
Minnesota	60,249,543	53,323,702	53,807,974	43,208,130	20,354,498	8,234,161	3.64	3.39	3.18	2.48
Iowa	120,697,319	108,662,882	109,760,487	99,621,920	69,448,339	32,253,933	7.30	6.90	6.57	6.29
Missouri	117,203,569	110,922,159	111,816,693	85,203,290	53,147,418	28,352,032	7.09	7.04	6.20	6.60
North Dakota [2]	20,820,407	17,069,496	17,294,322	7,438,400	3,552,664	87,036	1.26	1.08	1.12	0.83
South Dakota [2]	30,351,984	24,641,342	25,067,489	17,349,750	8,777,993	925,577	1.84	1.56	1.61	1.26
Nebraska	49,132,537	46,460,624	46,929,923	41,132,140	23,300,684	7,166,090	2.97	2.95	3.34	3.20
Kansas	76,136,616	81,087,689	81,659,304	73,190,590	42,584,975	17,432,286	4.60	5.15	4.75	5.18
SOUTH ATLANTIC:										
Delaware	3,908,463	4,395,100	4,448,482	3,571,870	2,218,754	1,427,087	0.24	0.28	0.25	0.30
Maryland	15,085,691	15,238,591	15,533,732	12,511,450	8,718,593	4,984,776	0.91	0.97	1.11	1.18
District of Columbia	42,932	51,062	51,945	42,580	48,430	35,836	(3)	(3)	(3)	(3)
Virginia	36,551,269	34,539,082	35,100,693	25,550,460	13,557,571	8,950,629	2.21	2.19	3.01	3.30
West Virginia	21,708,279	18,948,259	19,159,008	17,242,400	9,919,974	6,741,893	1.31	1.20	1.03	1.13
North Carolina	24,841,021	23,179,226	23,556,124	17,704,020	11,755,635	7,455,132	1.50	1.47	2.97	2.99
South Carolina	12,812,143	10,983,171	11,049,468	9,007,700	5,702,141	3,416,846	0.77	0.70	1.90	1.75
Georgia	23,181,939	20,606,219	20,793,359	15,505,330	11,522,788	7,126,058	1.40	1.31	3.08	2.98
Florida	6,530,563	6,349,051	6,380,956	4,214,186	2,788,991	1,024,106	0.39	0.40	0.45	0.50
EAST SOUTH CENTRAL:										
Kentucky	42,224,720	43,781,616	44,313,377	35,337,340	24,601,437	15,812,205	2.55	2.78	3.28	3.82
Tennessee	48,707,146	41,244,285	42,043,104	31,807,990	23,172,313	16,347,482	2.94	2.62	3.29	3.44
Alabama	23,436,979	21,945,662	22,234,713	18,778,960	10,823,526	6,761,646	1.42	1.39	2.15	2.47
Mississippi	23,783,265	20,337,062	20,542,487	18,942,070	11,393,498	6,364,410	1.44	1.29	2.08	2.36
WEST SOUTH CENTRAL:										
Arkansas	28,168,285	26,486,526	27,054,674	25,694,860	13,371,909	6,610,050	1.70	1.68	1.93	2.10
Louisiana	13,136,046	14,423,023	14,657,544	12,820,290	5,933,700	3,892,246	0.79	0.92	1.18	1.27
Oklahoma [4]	45,440,017	45,356,592	46,000,600	20,674,540	989,625	.....	2.75	2.88	3.55	3.33
Texas	70,264,074	77,377,977	77,845,047	58,040,810	32,466,433	11,486,566	4.25	4.91	5.46	5.18
MOUNTAIN:										
Montana	11,858,042	5,950,015	6,004,051	3,002,899	834,166	208,794	0.72	0.38	0.68	0.30
Idaho	8,604,809	6,433,840	6,492,270	2,879,590	737,813	268,731	0.52	0.41	0.48	0.34
Wyoming	3,165,743	2,070,799	2,091,716	937,570	332,221	30,740	0.19	0.13	0.19	0.11
Colorado	14,172,375	10,577,829	10,652,396	5,704,290	2,685,109	520,820	0.86	0.67	0.82	0.56
New Mexico	3,062,790	2,961,352	2,976,233	839,890	279,664	238,858	0.19	0.19	0.19	0.19
Arizona	2,524,832	1,731,872	1,744,081	819,507	204,174	72,534	0.15	0.11	0.12	0.08
Utah	5,709,076	4,644,829	4,672,866	3,387,340	1,131,071	826,237	0.35	0.29	0.23	0.21
Nevada	895,487	862,655	870,489	589,490	170,725	120,471	0.05	0.05	0.04	0.04
PACIFIC:										
Washington	21,356,576	16,373,740	16,472,575	7,473,790	2,710,520	501,448	1.29	1.04	1.03	0.78
Oregon	14,625,720	11,835,462	11,906,903	7,709,970	4,453,933	1,654,738	0.88	0.75	0.67	0.55
California	64,123,885	40,735,238	41,022,395	24,443,540	13,679,423	5,771,323	3.88	2.59	2.73	1.70

[1] Percentages based on total production, including estimates.
[2] North Dakota and South Dakota admitted as states in 1889. Figures for 1879 obtained by consolidating data for the counties which then occupied the areas now known as North and South Dakota, respectively.
[3] Less than one-hundredth of 1 per cent.
[4] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone; no data for 1879.

HONEY AND WAX.

Considerable 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 hives 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 hives, 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 1920 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.

Honey and wax produced: 1919 and 1909.—According to the returns made by the enumerators, the number of farms reporting bees in the United States as a whole in 1920 was 540,917, and the number of hives of bees 3,467,396. The amount of honey produced in 1919 was reported as 55,224,061 pounds, and the amount of wax was reported as 820,529 pounds. The production of honey reported for 1909 was 54,814,890 pounds, and the production of wax, 904,867 pounds. As compared with 1909, therefore, the total production of honey in 1919 shows a slight increase, and the production of wax a considerable decrease.

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 January 1, 1920 (540,917), only 311,201 reported such production. The farms which reported this product, in general, had more hives of bees than those which failed to report, the average number for farms reporting the production of honey being 8.2, and for farms which failed to report, 4. The total number of hives of bees in 1920 on farms which reported the production of honey in 1919 was 2,537,547, while the number of hives on farms which failed to report such production was 929,849.

TABLE 33.—BEES ON FARMS IN THE UNITED STATES, 1920 AND 1910, AND HONEY AND WAX PRODUCED, 1919 AND 1909.

[Figures for divisions and states in Tables 34 and 35.]

ITEM AND CENSUS YEAR.	FARMS REPORTING.		Number of hives of bees.	PRODUCT.	
	Number.	Per cent of all farms.		Quantity (pounds).	Value.
Bees on farms Jan. 1, 1920, total	540,917	8.4	3,467,396	.....	.....
On farms reporting honey	311,201	4.8	2,537,547	.....	.....
On farms not reporting honey	229,716	3.6	929,849	.....	.....
Bees on farms Apr. 15, 1910	585,955	9.2	3,445,006	.....	.....
Honey produced, total 1919	312,997	4.9	.....	55,224,061	$13,988,670
On farms reporting bees	311,201	4.8	2,537,547	54,951,331	.....
On farms not reporting bees	1,796	(1)	.....	272,730	.....
Honey produced 1909	320,367	5.0	.....	54,814,890	5,762,869
Wax produced 1919	.....	.....	.....	820,529	291,483
1909	.....	.....	.....	904,867	229,214

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

Honey and wax: 1849 to 1919.—Comparative figures for the production of honey and wax for the different census years beginning with 1849 are given in Tables 2 and 36.

Tables for divisions and states.—In Tables 34, 35, and 36 are presented detailed figures, by divisions and states, showing the number of hives of bees on farms in 1920, the production and value of honey and wax for 1919 and 1909, and the production alone from 1849 to 1919, together with various percentages and averages.

TABLE 34.—HONEY AND WAX PRODUCED ON FARMS, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	HONEY PRODUCED.								WAX PRODUCED.			
	Farms reporting.		Quantity (pounds).				Value.		Quantity (pounds).		Value.	
					Increase.							
	1919	1909	1919	1909	Amount.	Per cent.	1919	1909	1919	1909	1919	1909
United States	312,997	320,367	55,224,061	54,814,890	409,171	0.7	$13,988,670	$5,762,869	820,529	904,867	$291,483	$229,214
GEOGRAPHIC DIVISIONS:												
New England	3,826	4,491	653,258	594,117	59,141	10.0	223,343	105,998	7,546	8,251	3,424	2,525
Middle Atlantic	20,722	25,234	4,946,894	5,184,165	—237,271	—4.6	1,423,678	655,520	65,349	66,393	25,038	19,843
East North Central	44,016	48,969	7,313,400	7,778,545	—465,145	—6.0	2,005,799	941,567	93,983	132,735	32,627	31,267
West North Central	46,426	55,567	6,865,236	6,744,608	120,628	1.8	2,038,325	841,687	80,941	93,633	28,859	22,680
South Atlantic	66,554	76,988	6,579,735	7,362,640	—782,905	—10.6	1,754,464	882,937	111,613	172,996	37,292	42,892
East South Central	67,593	57,318	5,653,218	4,477,759	1,175,459	26.3	1,391,812	522,571	105,281	111,369	34,246	27,572
West South Central	41,685	32,511	6,438,024	4,486,980	1,951,044	43.5	1,369,287	471,032	111,606	92,177	36,410	22,741
Mountain	6,259	6,619	8,746,786	6,577,800	2,168,986	33.0	2,040,868	552,356	108,558	88,447	39,345	22,627
Pacific	13,916	12,670	8,027,510	11,608,276	—3,580,766	—30.8	1,741,094	789,201	135,652	138,866	54,242	37,067
NEW ENGLAND:												
Maine	1,291	838	209,072	112,051	97,021	86.6	73,173	20,016	2,387	2,260	1,077	670
New Hampshire	472	658	49,512	65,038	—15,526	—23.9	18,815	13,363	386	792	164	260
Vermont	705	747	234,326	160,283	74,043	46.2	74,985	25,351	2,137	2,899	1,070	815
Massachusetts	678	952	70,769	96,802	—26,033	—26.9	24,770	18,806	1,312	1,019	590	370
Rhode Island	85	175	6,488	14,221	—7,733	—54.4	1,687	2,904	57	185	17	55
Connecticut	595	1,121	83,091	145,722	—62,631	—43.0	29,913	25,558	1,267	1,096	506	355
MIDDLE ATLANTIC:												
New York	7,636	10,396	3,223,323	3,191,733	31,590	1.0	934,768	376,608	41,178	43,198	16,064	13,034
New Jersey	921	998	157,717	152,072	5,645	3.7	50,471	22,484	2,544	1,372	969	433
Pennsylvania	12,165	13,840	1,565,854	1,840,360	—274,506	—14.9	438,439	256,428	21,627	21,823	8,005	6,376
EAST NORTH CENTRAL:												
Ohio	7,522	10,116	835,894	1,001,179	—165,285	—16.5	250,774	131,710	10,790	7,454	4,212	2,181
Indiana	6,774	7,733	582,380	687,097	—104,717	—15.2	186,359	102,489	8,115	15,115	2,921	3,226
Illinois	15,256	13,015	1,896,996	1,428,640	468,356	32.8	436,310	194,625	21,908	26,240	7,008	6,138
Michigan	7,086	11,249	1,321,447	2,507,810	—1,186,363	—47.3	409,649	289,137	20,304	28,524	7,310	7,605
Wisconsin	7,378	6,856	2,676,683	2,153,819	522,864	24.3	722,707	223,606	32,866	55,402	11,176	12,117
WEST NORTH CENTRAL:												
Minnesota	6,520	5,852	1,251,102	976,262	274,840	28.2	362,821	120,560	15,470	16,880	6,034	4,057
Iowa	12,282	16,759	2,840,025	2,374,080	465,945	19.6	852,015	275,418	33,041	44,266	11,235	10,011
Missouri	15,376	20,442	1,220,611	2,105,815	—885,204	—42.0	353,982	267,998	18,172	23,784	6,180	6,176
North Dakota	51	54	12,814	11,084	1,730	15.6	3,588	1,840	183	92	64	29
South Dakota	1,268	783	369,356	139,714	229,642	164.4	114,504	20,165	2,891	943	1,070	278
Nebraska	4,932	5,421	573,453	527,868	45,585	8.6	172,042	72,463	6,144	3,336	2,212	935
Kansas	5,997	6,256	597,875	609,785	—11,910	—2.0	179,373	83,243	5,040	4,332	2,064	1,194
SOUTH ATLANTIC:												
Delaware	244	703	27,703	62,777	—35,074	—55.9	6,371	7,770	317	2,756	95	465
Maryland	1,678	2,648	215,685	306,367	—90,682	—29.6	56,076	38,164	1,947	4,358	761	1,080
District of Columbia	4	.....	315	3,657	—3,342	—91.4	95	477	.....	.....	.....	.....
Virginia	12,330	13,767	1,267,300	1,344,360	—77,060	—5.7	342,168	167,971	19,441	23,883	6,808	5,956
West Virginia	11,270	15,948	919,689	1,550,739	—631,050	—40.7	303,495	228,843	7,786	11,090	2,802	2,787
North Carolina	17,340	21,742	1,341,002	1,809,127	—468,125	—25.9	348,661	211,607	23,209	76,400	7,432	18,979
South Carolina	5,999	7,202	441,084	653,119	—211,435	—32.4	114,837	75,941	7,866	12,440	2,601	2,995
Georgia	14,761	12,391	1,403,869	884,662	519,207	58.7	322,888	96,114	28,053	23,434	8,972	5,774
Florida	2,928	2,587	962,488	747,832	214,656	28.7	259,873	56,050	22,994	18,635	7,821	4,856
EAST SOUTH CENTRAL:												
Kentucky	21,025	19,659	1,604,519	1,558,670	45,849	2.9	449,265	197,720	15,521	17,307	5,282	4,522
Tennessee	19,974	17,583	1,969,425	1,468,123	501,302	34.1	512,057	175,791	27,669	28,864	8,472	7,271
Alabama	16,218	12,032	1,347,644	891,954	455,690	51.1	269,527	88,088	41,272	50,043	13,621	11,889
Mississippi	10,376	8,044	731,630	559,012	172,618	30.9	160,963	60,972	20,819	15,155	6,871	3,890
WEST SOUTH CENTRAL:												
Arkansas	11,478	10,906	791,598	913,515	—121,917	—13.3	197,910	107,846	12,359	20,403	4,207	5,122
Louisiana	2,835	2,476	247,513	340,134	—92,621	—27.2	59,403	30,915	7,660	12,284	2,687	2,996
Oklahoma	4,762	1,997	357,677	140,234	217,443	155.1	103,728	23,783	2,916	1,088	1,139	313
Texas	22,610	17,132	5,041,236	3,093,097	1,948,139	63.0	1,008,246	308,488	88,671	58,402	28,377	14,310
MOUNTAIN:												
Montana	826	478	630,608	163,510	467,098	285.7	157,656	21,802	7,682	394	2,614	133
Idaho	1,946	1,366	1,208,229	1,011,068	197,161	19.5	338,305	86,251	15,653	8,018	5,950	2,131
Wyoming	592	365	1,084,273	138,924	945,349	680.5	260,225	16,248	14,257	1,563	4,419	477
Colorado	2,707	2,377	2,493,950	2,306,492	187,458	8.1	573,610	225,832	28,282	33,682	11,314	8,502
New Mexico	507	281	593,290	439,528	153,762	35.0	118,658	38,113	7,051	5,345	2,822	1,526
Arizona	488	278	926,621	1,025,282	—98,661	—9.6	213,123	53,298	10,783	15,012	4,853	3,905
Utah	1,068	1,348	1,232,239	1,138,091	94,148	8.3	246,447	75,892	18,933	16,667	5,300	3,871
Nevada	125	126	577,576	354,905	222,671	62.7	132,844	34,920	5,917	7,766	2,073	2,082
PACIFIC:												
Washington	4,943	3,149	1,596,206	503,580	1,092,626	217.0	399,059	65,196	17,420	4,038	8,362	1,195
Oregon	4,495	5,433	929,566	839,981	89,585	10.7	241,684	92,476	11,436	8,383	4,232	2,034
California	4,478	4,088	5,501,738	10,264,715	—4,762,977	—46.4	1,100,351	631,529	106,796	126,445	41,648	33,838

TABLE 35.—BEES ON FARMS, 1920; AVERAGE VALUE OF HONEY AND WAX PER POUND, 1919 AND 1909; AND PER CENT DISTRIBUTION OF PRODUCTION OF HONEY, 1879 TO 1919, BY DIVISIONS AND STATES.

Division and state.	Bees on farms, January 1, 1920.								Average value per pound.				Per cent distribution of production of honey.				
	Total.			On farms reporting honey produced in 1919.			On farms not reporting honey produced in 1919.		Honey.		Wax.						
	Farms reporting.	Hives of bees. Number.	Hives of bees. Av. per farm.	Farms reporting.	Hives of bees. Number.	Hives of bees. Av. per farm.	Farms reporting.	Hives of bees.	1919	1909	1919	1909	1919	1909	1899	1889	1879
United States	540,917	3,467,396	6.4	311,201	2,537,547	8.2	229,716	929,849	$0.25	$0.11	$0.36	$0.25	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																	
New England	6,449	41,073	6.4	3,780	31,257	8.3	2,669	9,816	0.34	0.18	0.45	0.31	1.18	1.08	1.20	1.54	2.50
Middle Atlantic	32,971	202,728	8.0	20,587	213,894	10.4	12,384	48,834	0.29	0.13	0.38	0.30	8.96	9.46	10.02	10.79	14.12
East North Central	83,373	556,344	6.7	43,671	362,921	8.3	39,702	193,423	0.27	0.12	0.35	0.24	13.24	14.19	18.66	24.42	22.33
West North Central	85,228	497,471	5.8	46,035	310,633	6.7	39,193	186,838	0.30	0.12	0.36	0.24	12.43	12.30	14.17	22.16	9.94
South Atlantic	112,036	613,171	5.5	66,249	455,623	6.9	45,787	157,548	0.27	0.12	0.33	0.25	11.91	13.43	15.50	13.57	21.36
East South Central	108,113	585,323	5.4	67,357	446,701	6.6	40,756	138,622	0.25	0.12	0.33	0.25	10.24	8.17	13.20	11.33	18.86
West South Central	75,530	422,492	5.6	41,485	307,243	7.4	34,045	115,249	0.21	0.10	0.33	0.25	11.66	8.19	11.10	7.31	7.55
Mountain	12,621	206,005	16.3	8,207	180,636	22.0	4,414	25,369	0.23	0.08	0.36	0.26	15.84	12.00	7.68	1.79	0.47
Pacific	24,596	282,789	11.5	13,830	228,639	16.5	10,766	54,150	0.22	0.07	0.40	0.27	14.54	21.18	8.47	7.08	2.78
NEW ENGLAND:																	
Maine	2,009	12,639	6.3	1,272	10,394	8.2	737	2,245	0.35	0.18	0.45	0.30	0.38	0.20	0.33	0.41	0.77
New Hampshire	806	4,191	5.2	467	2,787	6.0	339	1,404	0.38	0.21	0.42	0.33	0.09	0.12	0.15	0.18	0.34
Vermont	1,038	10,024	9.7	692	8,727	12.6	346	1,297	0.32	0.16	0.50	0.28	0.42	0.29	0.30	0.59	0.86
Massachusetts	1,341	6,573	4.9	672	4,040	6.0	669	2,533	0.35	0.19	0.45	0.36	0.13	0.18	0.18	0.14	0.19
Rhode Island	168	686	4.1	85	439	5.2	83	247	0.26	0.20	0.30	0.30	0.01	0.03	0.05	0.02	0.03
Connecticut	1,087	6,960	6.4	592	4,870	8.2	495	2,090	0.36	0.18	0.40	0.32	0.15	0.27	0.20	0.20	0.39
MIDDLE ATLANTIC:																	
New York	11,667	127,858	11.0	7,567	112,064	14.8	4,100	15,794	0.29	0.12	0.39	0.30	5.84	5.82	5.60	6.70	8.11
New Jersey	1,564	12,451	8.0	916	8,440	9.2	648	4,011	0.32	0.15	0.38	0.32	0.29	0.28	0.29	0.25	0.51
Pennsylvania	19,740	122,419	6.2	12,104	93,390	7.7	7,636	29,029	0.28	0.14	0.37	0.29	2.84	3.36	4.13	3.84	5.50
EAST NORTH CENTRAL:																	
Ohio	17,250	105,675	6.1	7,477	57,065	7.6	9,773	48,610	0.30	0.13	0.39	0.29	1.51	1.83	3.24	4.53	6.32
Indiana	15,942	87,045	5.5	6,733	44,639	6.6	9,209	42,406	0.32	0.15	0.36	0.21	1.05	1.25	2.75	3.30	3.76
Illinois	27,830	162,630	5.8	15,177	102,582	6.8	12,653	60,048	0.23	0.14	0.32	0.23	3.44	2.61	4.85	7.20	5.09
Michigan	11,724	93,348	8.0	6,960	70,320	10.1	4,764	23,028	0.31	0.12	0.36	0.27	2.39	4.58	3.44	3.89	4.00
Wisconsin	10,627	107,646	10.1	7,324	88,315	12.1	3,303	19,331	0.27	0.10	0.34	0.22	4.85	3.93	4.38	5.50	3.16
WEST NORTH CENTRAL:																	
Minnesota	9,665	67,344	7.0	6,456	52,607	8.1	3,209	14,737	0.29	0.12	0.39	0.24	2.27	1.78	1.61	1.82	0.91
Iowa	18,280	138,319	7.6	12,145	93,787	7.7	6,135	44,532	0.30	0.12	0.34	0.23	5.14	4.33	4.16	10.66	5.09
Missouri	32,483	157,678	4.9	15,300	89,117	5.8	17,183	68,561	0.29	0.13	0.34	0.26	2.21	3.84	4.94	7.03	2.80
North Dakota	75	708	9.4	49	435	8.9	26	273	0.28	0.17	0.35	0.32	0.02	0.02	0.01	(1)	(1)
South Dakota	1,851	11,114	6.0	1,258	8,615	6.8	593	2,499	0.31	0.14	0.37	0.29	0.67	0.25	0.08	0.09	0.02
Nebraska	9,113	40,971	4.5	4,876	27,702	5.7	4,237	13,269	0.30	0.14	0.36	0.28	1.04	0.96	1.42	1.17	0.34
Kansas	13,761	81,337	5.9	5,951	38,370	6.4	7,810	42,967	0.30	0.14	0.41	0.28	1.08	1.11	1.94	1.39	0.78
SOUTH ATLANTIC:																	
Delaware	446	2,976	6.7	243	1,871	7.7	203	1,105	0.23	0.12	0.30	0.17	0.05	0.11	0.17	0.10	0.30
Maryland	2,720	16,117	5.9	1,664	12,133	7.3	1,056	3,984	0.26	0.12	0.39	0.25	0.39	0.56	0.50	0.47	1.10
District of Columbia	4	19	4.8	3	18	6.0	1	1	0.30	0.13	.....	.....	(1)	0.01	(1)	(1)	0.01
Virginia	20,221	104,267	5.2	12,267	80,811	6.6	7,954	23,456	0.27	0.12	0.35	0.25	2.29	2.45	2.80	2.40	4.24
West Virginia	18,620	89,873	4.8	11,236	66,832	5.9	7,384	23,041	0.33	0.15	0.36	0.25	1.67	2.83	2.74	1.91	3.24
North Carolina	32,044	163,956	5.1	17,257	109,875	6.4	14,787	54,081	0.26	0.12	0.32	0.25	2.43	3.30	4.06	3.71	6.18
South Carolina	10,376	58,028	5.6	5,970	42,610	7.1	4,406	15,418	0.26	0.12	0.33	0.24	0.80	1.19	1.43	1.34	1.38
Georgia	23,171	136,698	5.9	14,690	106,520	7.3	8,481	30,178	0.23	0.11	0.32	0.25	2.54	1.61	2.70	2.75	4.10
Florida	4,434	41,237	9.3	2,919	34,953	12.0	1,515	6,284	0.27	0.07	0.34	0.26	1.74	1.36	1.11	0.88	0.82
EAST SOUTH CENTRAL:																	
Kentucky	34,665	156,889	4.5	20,956	115,040	5.5	13,709	41,849	0.28	0.13	0.34	0.26	2.01	2.84	4.39	3.62	5.83
Tennessee	30,961	191,898	6.2	19,920	148,891	7.5	11,041	43,007	0.26	0.12	0.31	0.25	3.57	2.68	3.94	3.57	8.28
Alabama	25,266	153,766	6.1	16,158	121,420	7.5	9,108	32,346	0.20	0.10	0.33	0.24	2.44	1.63	3.16	2.86	3.27
Mississippi	17,221	82,770	4.8	10,323	61,350	5.9	6,898	21,420	0.22	0.11	0.33	0.26	1.32	1.02	1.72	1.29	1.49
WEST SOUTH CENTRAL:																	
Arkansas	22,993	112,475	4.9	11,422	72,370	6.3	11,571	40,105	0.25	0.12	0.34	0.25	1.43	1.67	2.30	1.74	3.93
Louisiana	5,522	31,079	5.6	2,829	21,343	7.5	2,693	9,736	0.24	0.09	0.35	0.24	0.45	0.62	0.70	0.43	0.65
Oklahoma	10,732	46,743	4.4	4,725	28,248	6.0	6,007	18,495	0.29	0.17	0.39	0.29	0.65	0.26	0.28	(1)	.....
Texas	36,283	232,195	6.4	22,509	185,282	8.2	13,774	46,913	0.20	0.10	0.32	0.07	9.13	5.64	7.82	5.14	2.96
MOUNTAIN:																	
Montana	1,199	11,918	9.9	811	9,993	12.3	388	1,925	0.25	0.13	0.34	0.34	1.14	0.30	0.03	(1)	.....
Idaho	3,416	35,900	10.5	1,934	28,552	14.8	1,482	7,348	0.28	0.09	0.38	0.27	2.19	1.84	0.62	0.06	(1)
Wyoming	842	13,968	16.6	590	12,989	22.0	252	979	0.24	0.12	0.31	0.31	1.96	0.25	0.03	(1)	.....
Colorado	3,990	63,253	15.9	2,694	56,252	20.9	1,296	7,001	0.23	0.10	0.40	0.25	4.52	4.21	2.84	0.61	0.03
New Mexico	750	15,733	21.0	504	14,384	28.5	246	1,349	0.20	0.09	0.40	0.29	1.07	0.80	0.23	0.03	(1)
Arizona	809	28,174	34.8	487	24,099	49.5	322	4,075	0.23	0.05	0.45	0.26	1.68	1.87	1.52	0.20	(1)
Utah	1,453	25,061	17.2	1,063	22,676	21.3	390	2,385	0.20	0.07	0.28	0.23	2.23	2.08	2.11	0.75	0.34
Nevada	162	11,998	74.1	124	11,691	94.3	38	307	0.23	0.10	0.35	0.27	1.05	0.65	0.29	0.14	0.09
PACIFIC:																	
Washington	8,068	56,806	7.0	4,908	45,492	9.3	3,160	11,314	0.25	0.13	0.48	0.30	2.89	0.92	0.87	0.24	0.08
Oregon	7,702	45,264	5.9	4,475	34,932	7.8	3,227	10,332	0.26	0.11	0.37	0.24	1.68	1.53	1.60	0.68	0.48
California	8,826	180,719	20.5	4,447	148,215	33.3	4,379	32,504	0.20	0.06	0.39	0.27	9.96	18.73	6.00	6.15	2.23

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

TABLE 36.—HONEY AND WAX PRODUCED ON FARMS, BY DIVISIONS AND STATES: 1849 TO 1919.

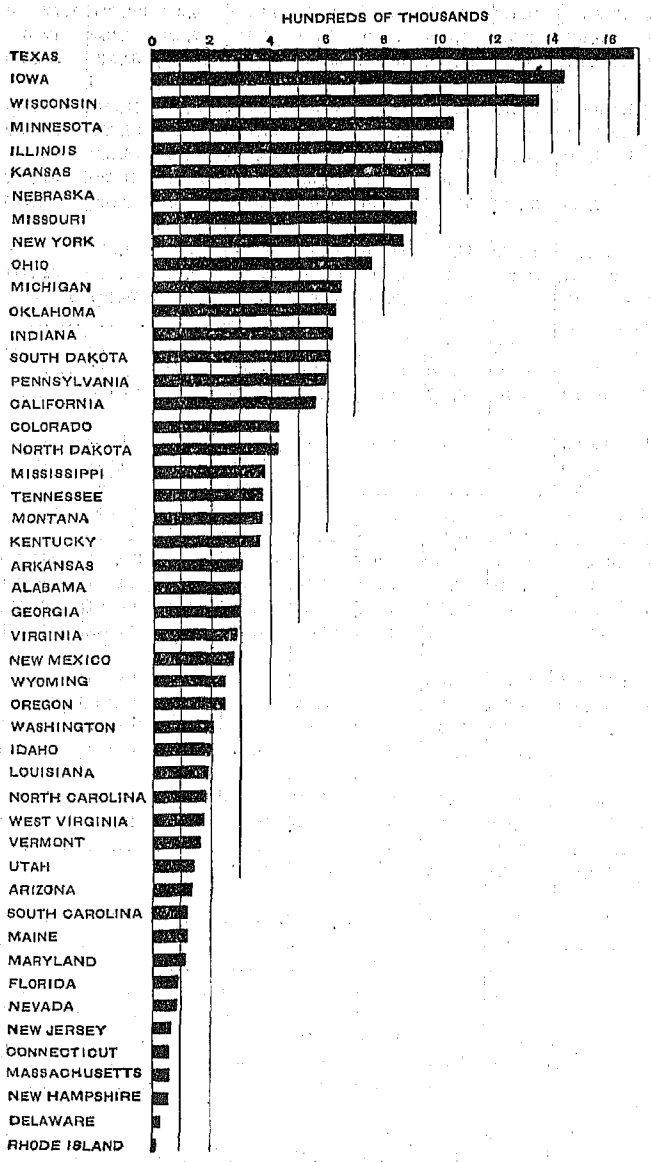
DIVISION AND STATE.	HONEY PRODUCED (POUNDS).							WAX PRODUCED (POUNDS).							Honey and wax produced, 1849 (pounds).
	1919	1909	1899	1889	1879	1869	1859	1919	1909	1899	1889	1879	1869	1859	
United States	55,224,061	54,814,890	61,099,290	63,897,327	25,743,208	14,702,815	24,566,357	820,529	904,867	1,763,595	1,166,588	1,105,689	631,129	1,322,787	14,853,790
GEOGRAPHIC DIVISIONS:															
New England	653,258	594,117	732,078	988,992	666,286	419,263	779,093	7,546	8,251	23,802	17,317	18,742	16,175	30,699	715,339
Middle Atlantic	4,946,894	5,184,165	6,122,940	6,895,698	3,635,280	1,753,911	3,957,804	65,349	66,393	153,017	109,912	132,511	115,387	181,719	2,752,033
East North Central	7,313,400	7,778,545	11,399,724	15,606,712	5,747,635	3,285,246	5,007,469	93,983	132,735	221,220	181,621	188,658	105,315	194,681	3,099,285
West North Central	6,865,236	6,744,608	8,655,778	14,159,928	2,559,131	2,241,314	2,560,932	80,941	93,633	175,384	171,777	100,385	44,357	116,283	1,650,763
South Atlantic	6,579,735	7,362,640	9,468,843	8,668,791	5,499,641	3,294,379	5,843,073	111,613	172,996	379,192	305,005	330,215	198,337	387,215	2,477,422
East South Central	5,653,218	4,477,759	8,005,170	7,241,729	4,855,349	2,731,305	5,243,552	105,281	111,369	343,900	191,361	224,458	118,399	310,821	3,489,072
West South Central	6,438,024	4,486,980	6,784,654	4,672,394	1,942,387	589,639	1,656,081	111,606	92,177	245,060	95,929	89,915	28,407	100,042	669,884
Mountain	8,740,786	6,577,800	4,602,426	1,143,731	121,117	938	.....	108,558	88,447	74,410	23,200	1,717	13	.....	12
Pacific	8,027,510	11,608,276	5,177,668	4,521,352	716,382	386,820	18,353	135,652	138,866	141,610	70,466	19,088	6,739	1,327	.....
NEW ENGLAND:															
Maine	209,072	112,051	200,080	260,481	198,499	155,640	314,685	2,387	2,260	6,570	4,119	4,770	5,253	8,769	189,618
New Hampshire	49,512	65,038	89,260	112,114	87,886	56,944	125,142	386	792	3,350	1,674	2,856	2,668	4,936	117,140
Vermont	234,326	160,283	182,278	379,096	221,729	142,932	212,150	2,137	2,899	8,652	5,703	4,574	5,235	8,794	249,422
Massachusetts	70,769	96,802	109,050	90,929	49,397	25,299	59,125	1,312	1,019	6,250	1,690	2,463	1,195	3,289	59,508
Rhode Island	6,488	14,221	28,450	13,740	8,397	6,290	5,261	57	185	890	358	536	498	540	6,347
Connecticut	83,091	145,722	122,960	130,632	100,378	32,158	62,730	1,267	1,096	4,090	3,683	3,543	1,326	4,371	93,304
MIDDLE ATLANTIC:															
New York	3,223,323	3,191,733	3,422,497	4,281,964	2,088,845	896,286	2,369,751	41,178	43,198	84,075	66,654	79,756	86,333	121,020	1,755,830
New Jersey	157,717	152,072	174,250	160,310	131,342	60,636	185,925	2,544	1,372	7,640	3,381	6,145	2,021	8,130	156,694
Pennsylvania	1,565,854	1,840,360	2,526,202	2,453,424	1,415,093	796,989	1,402,128	21,627	21,823	61,302	39,877	46,610	27,033	52,569	839,509
EAST NORTH CENTRAL:															
Ohio	835,894	1,001,179	1,980,530	2,894,059	1,626,847	763,124	1,459,601	10,790	7,454	34,620	33,520	56,333	22,488	53,786	804,275
Indiana	582,380	687,097	1,681,554	2,106,817	967,581	395,278	1,224,489	8,115	15,115	27,780	24,864	31,637	12,049	34,525	935,329
Illinois	1,896,996	1,428,640	2,961,080	4,602,941	1,310,806	1,547,178	1,346,803	21,908	26,240	75,290	50,420	45,640	46,262	56,730	869,444
Michigan	1,321,447	2,507,810	2,099,460	2,487,134	1,028,595	280,325	769,282	20,304	28,524	38,860	26,759	32,088	14,571	41,632	359,232
Wisconsin	2,676,683	2,153,819	2,677,100	3,515,761	813,806	299,341	207,294	32,866	55,402	44,670	46,058	22,960	9,945	8,008	131,005
WEST NORTH CENTRAL:															
Minnesota	1,251,102	976,262	986,446	1,160,390	234,054	92,606	34,285	15,470	16,880	20,626	12,050	6,552	3,963	1,544	80
Iowa	2,840,025	2,374,080	2,539,784	6,813,412	1,310,138	853,213	917,877	33,041	44,266	49,314	67,339	39,565	2,225	34,226	321,711
Missouri	1,220,611	2,105,815	3,018,929	4,492,178	721,080	1,156,444	1,585,983	18,172	23,784	69,258	75,670	45,462	35,248	79,190	1,328,972
North Dakota [1]	12,814	11,084	7,530	990	150	110	.....	183	92	90	8	5	6	.....	.....
South Dakota [1]	369,356	139,714	49,320	55,833	6,030	.....	.....	2,891	943	770	1,568	22	.....	.....	.....
Nebraska	573,453	527,868	866,200	746,212	86,645	28,114	5,843	6,144	3,336	16,090	6,262	1,828	707	142	.....
Kansas	597,875	609,785	1,187,569	890,913	201,034	110,827	16,944	5,040	4,332	19,236	8,880	6,951	2,208	1,181	.....
SOUTH ATLANTIC:															
Delaware	27,703	62,777	101,410	66,468	76,234	33,151	66,137	317	2,756	1,960	1,612	2,151	800	1,993	41,248
Maryland	215,685	306,367	306,788	301,157	283,752	118,938	193,354	1,947	4,358	7,860	5,946	7,722	3,439	6,960	74,802
District of Columbia	315	3,657	530	341	1,723	.....	510	.....	.....	.....	20	133	.....	24	550
Virginia [2]	1,267,300	1,344,360	1,708,320	1,531,147	1,090,451	505,239	1,431,591	19,441	23,883	60,110	44,114	53,200	26,438	94,860	880,767
West Virginia [2]	919,689	1,550,739	1,673,120	1,218,686	833,564	376,997	.....	7,786	11,090	30,180	22,109	26,667	9,917	.....	.....
North Carolina	1,341,002	1,809,127	2,477,800	2,373,560	1,591,590	1,404,040	2,055,969	23,209	76,400	135,920	126,447	126,268	109,054	170,495	512,289
South Carolina	441,684	653,119	872,590	856,688	354,360	194,253	526,077	7,866	12,440	37,500	27,739	26,780	11,404	40,479	216,281
Georgia	1,403,869	884,662	1,650,745	1,757,758	1,056,034	610,877	953,915	28,053	23,434	73,372	49,935	69,318	31,238	61,505	732,514
Florida	962,488	747,832	677,540	562,986	211,943	50,884	115,520	22,994	18,635	32,290	27,083	17,976	6,052	10,899	18,971
EAST SOUTH CENTRAL:															
Kentucky	1,604,519	1,558,670	2,681,720	2,310,615	1,500,565	1,171,500	1,768,692	15,521	17,307	53,120	37,225	46,912	32,557	68,339	1,158,019
Tennessee	1,969,425	1,468,123	2,404,550	2,284,155	2,130,689	1,039,550	1,519,390	27,669	28,864	79,590	63,290	86,421	51,685	93,892	1,036,572
Alabama	1,347,644	891,954	1,930,410	1,824,286	841,535	320,674	1,247,233	41,272	50,043	162,020	68,884	66,876	22,767	100,987	897,021
Mississippi	731,630	559,012	1,048,490	822,673	382,560	199,581	708,237	20,819	15,155	49,170	21,962	24,249	9,390	42,603	397,460
WEST SOUTH CENTRAL:															
Arkansas	791,598	913,515	1,405,320	1,111,246	1,012,721	276,824	806,327	12,359	20,403	59,340	24,811	42,354	12,789	50,949	192,338
Louisiana	247,513	340,134	426,490	271,962	168,441	37,646	255,481	7,660	12,284	20,440	8,584	11,736	2,363	20,970	96,701
Oklahoma [3]	357,677	140,234	172,640	2,800	.....	.....	.....	2,916	1,088	5,590	25	.....	.....	.....	.....
Texas	5,041,236	3,093,097	4,780,204	3,286,386	761,225	275,169	594,273	88,671	58,402	159,690	62,509	35,825	13,255	28,123	380,825
MOUNTAIN:															
Montana	630,608	163,510	19,940	20	.....	.....	.....	7,682	394	130	.....	.....	.....	.....	.....
Idaho	1,208,229	1,011,068	379,450	37,146	50	.....	.....	15,653	8,018	6,550	.....	.....	.....	.....	.....
Wyoming	1,084,273	138,924	19,220	350	.....	.....	.....	14,257	1,563	340	.....	.....	.....	.....	.....
Colorado	2,493,950	2,306,492	1,732,630	390,906	8,340	.....	.....	28,282	33,682	24,930	7,901	96	.....	.....	.....
New Mexico	593,290	439,528	139,998	21,470	450	.....	.....	7,051	5,345	2,260	98	5	.....	.....	2
Arizona	926,621	1,025,282	930,420	126,124	650	.....	.....	10,783	15,012	13,080	668	10	.....	.....	.....
Utah	1,232,239	1,138,091	1,292,118	479,158	87,331	575	.....	18,933	16,667	23,740	11,708	1,546	13	.....	10
Nevada	577,576	354,905	178,650	88,557	24,296	363	.....	5,917	7,766	3,380	2,825	60	.....	.....	.....
PACIFIC:															
Washington	1,596,206	503,580	530,790	156,435	20,005	25,636	5,256	17,420	4,038	9,540	2,957	972	629	564	.....
Oregon	929,566	839,981	979,140	435,028	122,348	66,858	821	11,436	8,383	16,740	7,272	3,444	1,207	179	.....
California	5,501,738	10,264,715	3,667,738	3,929,889	574,029	294,326	12,276	106,796	126,445	115,330	60,237	14,672	4,903	584	.....

[1] North Dakota and South Dakota admitted as states in 1889. Figures for 1879 obtained by consolidating data for the counties which then occupied the areas now known as North and South Dakota, respectively. The 1869 figures are for Dakota Territory.
[2] In 1859 and 1849 Virginia included the area now known as West Virginia.
[3] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone; no data for earlier years.

YOUNG ANIMALS RAISED, ANIMALS SLAUGHTERED ON FARMS, AND VALUE OF ANIMALS SOLD OR SLAUGHTERED.

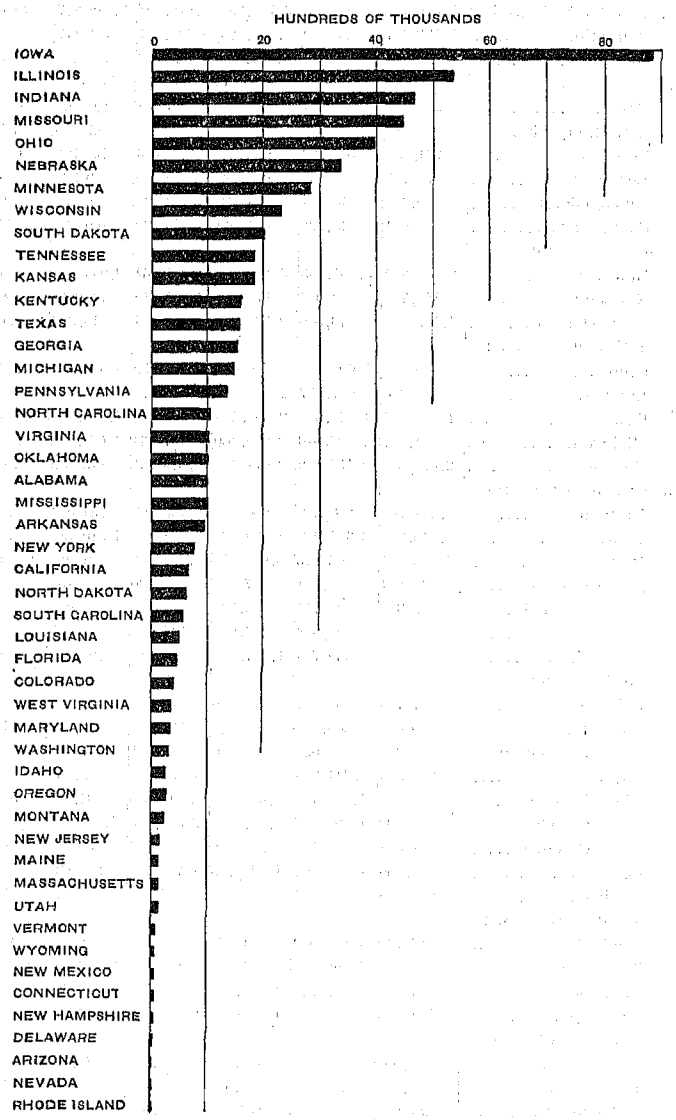
The farm schedule for the census of 1920 called for the number of calves, pigs, and lambs raised, the number of domestic animals slaughtered on farms for food, and the number of pounds of meat and meat products sold during the year 1919. Since the only items from this list which were carried on the 1910 schedule were the number and value of domestic animals sold or slaughtered during the preceding year, comparable figures for 1909 can not be given for the number of animals raised or the quantity of meat and meat products sold; further, since the 1920 schedule contained no inquiry with regard to animals sold, it has been found necessary to make an estimate of the total value of animals sold or slaughtered by farmers during 1919, as explained later.

CALVES RAISED ON FARMS, BY STATES: 1919.



Calves, pigs, and lambs raised on farms: 1919.—The instructions on the schedule for the inquiry pertaining to young animals raised were as follows: "Include all young animals born in 1919, which have been retained on the farm, sold to others, or slaughtered for food. Do not include any young animals purchased or any that died."

PIGS RAISED ON FARMS, BY STATES: 1919.



The 21,133,385 calves reported as raised in 1919 amounted to a little more than three-tenths (31.7 per cent) of the number of cattle on farms on January 1, 1920. Calves raised during 1919 were reported by more than three-fourths (76 per cent) of the farms reporting cattle; and the average number of calves raised per farm reporting was 5.2.

The number of pigs raised in 1919 (62,072,829) was slightly greater than the number of all swine on farms on January 1, 1920.

The farms reporting pigs raised during 1919 amounted only to 65.2 per cent of the farms reporting swine on hand in 1920, it being a very common practice, especially in the East and the South, for a farmer to purchase one or more young pigs from a neighbor each year to feed and market or slaughter.

The 13,653,130 lambs reported as raised in 1919 amounted to nearly four-tenths (39 per cent) of the number of sheep and lambs on hand on January 1, 1920. The number of farms reporting lambs raised during 1919 was equal to 69.4 per cent of the farms reporting sheep on hand the following January 1, many farmers who do not themselves raise sheep having on hand sheep or lambs purchased for feeding purposes.

TABLE 37.—CALVES, PIGS, AND LAMBS RAISED ON FARMS IN THE UNITED STATES: 1919.

[Figures for divisions and states in Table 39.]

ITEM.	FARMS REPORTING.		NUMBER.	
	Number.	Per cent of all farms.	Total.	Average per farm.
Calves	4,073,156	63.2	21,133,385	5.2
Pigs	3,162,993	49.1	62,072,820	19.6
Lambs	373,799	5.8	13,653,130	36.5

Domestic animals slaughtered on farms: 1919 and 1909.—The schedules used at the censuses of 1920 and 1910 called for the numbers of domestic animals slaughtered on farms for food. In a few cases the reports received indicated that the establishments were really slaughterhouses, butchering animals as a regular business. Such cases have been eliminated from the figures, and, as far as possible, the data given here relate only to slaughtering which was carried on as a farm enterprise, and do not include commercial slaughtering. However, since there is no definite line of demarcation between farm operations and slaughterhouse operations, the figures can not be considered to be absolutely accurate, but merely show the general conditions. No doubt the same difficulty was encountered in tabulating the figures for 1909; therefore the differences shown between the figures for the two censuses, while useful for indicating the general trend, should be considered only as approximations of the changes that have occurred.

For all three classes of animals for which returns were made in 1909—cattle, swine, and sheep—more farms reported animals slaughtered in 1919 than in 1909. However, with the exception of swine, more animals were reported as slaughtered in 1909 than in 1919. With each class of animals the number slaughtered per farm reporting was lower in 1919 than in 1909, the largest decrease in the average being in the case of sheep and lambs.

The number of swine slaughtered on farms represented 27.1 per cent of all the pigs raised during the same year, while the cattle and calves slaughtered were equal to only 9 per cent of the calves raised during the year, and the sheep and lambs to 3.2 per cent of the lambs raised. A larger proportion of the swine raised are slaughtered for home consumption in the South than in any other section, in many Southern states the number of swine slaughtered being equal to more than two-thirds of the pigs raised.

Meat and meat products sold: 1919.—Since the total weight of dressed meat obtained from the animals slaughtered was not called for on the schedule, it is not possible to show what proportion of the meat dressed from animals slaughtered on farms was sold. However, since the meat sold amounted to only 118 pounds per head for the cattle slaughtered, 26.4 pounds for the swine, and 15.5 pounds for the sheep, it would seem probable that the bulk of the meat obtained from the farm slaughtering of animals was used on the farm where produced, and that the sales of meat and meat products were only incidental.

TABLE 38.—DOMESTIC ANIMALS SLAUGHTERED ON FARMS IN THE UNITED STATES, 1919 AND 1909, AND MEAT AND MEAT PRODUCTS SOLD, 1919.

[Figures for divisions and states in Tables 40 and 41.]

ITEM AND CENSUS YEAR.	FARMS REPORTING.		ANIMALS SLAUGHTERED.		Meat and meat products sold (pounds).
	Number.	Per cent of all farms.	Number.	Average per farm.	
Cattle and calves 1919	887,611	13.8	1,904,531	2.1	224,780,189
1909	.....	.....	2,540,240	.....	.....
Cattle 1909	593,285	9.3	1,408,640	2.4	.....
Calves 1909	268,508	4.2	1,131,600	4.2	.....
Swine 1919	4,565,130	70.8	16,800,230	3.7	443,538,071
1909	3,643,546	57.3	15,378,517	4.2	.....
Sheep and lambs 1919	93,853	1.5	434,608	4.6	6,734,772
1909	69,299	1.1	529,526	7.6	.....

Value of domestic animals sold or slaughtered on farms: 1919 and 1909.—The farm schedule used in 1920 did not call for the number or value of animals sold by farmers, nor for the value of the animals slaughtered on farms. Since there has been a considerable demand for a figure which will represent, even roughly, the value of domestic animals sold or slaughtered by farmers in the United States in 1919, an estimate has been made for this item. The estimated value was based on the proportion which the animals sold or slaughtered in 1909 bore to those on hand in 1910, and the changes in the number and average value of comparable classes of animals from 1910 to 1920. The value thus obtained for 1919 was $3,511,050,000, as compared with $1,833,175,487, the value of domestic animals sold or slaughtered as reported for 1909. These values are shown, by divisions and states, in Table 42.

There is doubtless some duplication in the values shown for 1909, by reason of the sale of animals by one farmer to another where the animals are resold or slaughtered within the census year. The same element of duplication would appear, of course, in the estimates for 1919.

TABLE 39.—CALVES, PIGS, AND LAMBS RAISED ON FARMS, BY DIVISIONS AND STATES: 1919.

DIVISION AND STATE.	CALVES RAISED.				PIGS RAISED.				LAMBS RAISED.			
	Farms reporting.		Number of calves.		Farms reporting.		Number of pigs.		Farms reporting.		Number of lambs.	
	Number.	Per ct. of all farms.	Total.	Av. per farm.	Number.	Per ct. of all farms.	Total.	Av. per farm.	Number.	Per ct. of all farms.	Total.	Av. per farm.
United States	**4,073,156**	**63.2**	**21,133,385**	**5.2**	**3,162,993**	**49.1**	**62,072,829**	**19.6**	**373,799**	**5.8**	**13,653,130**	**36.5**
GEOGRAPHIC DIVISIONS:												
New England	87,870	56.1	477,699	5.4	32,355	20.7	464,688	14.4	10,238	6.5	116,640	11.4
Middle Atlantic	278,422	65.5	1,537,809	5.5	156,940	36.9	2,289,242	14.6	29,041	6.8	522,323	18.0
East North Central	860,004	79.3	4,380,052	5.1	678,244	62.5	17,809,790	26.3	123,926	11.4	2,397,946	19.3
West North Central	908,206	82.8	6,333,779	7.0	751,740	68.5	23,985,421	31.9	80,351	7.3	1,954,199	24.3
South Atlantic	528,868	45.6	1,303,804	2.5	468,439	40.4	5,480,150	11.7	42,913	3.7	743,540	17.3
East South Central	599,417	57.0	1,412,971	2.4	508,248	48.3	5,506,355	10.8	41,486	3.9	739,178	17.8
West South Central	535,621	53.8	2,807,336	5.2	420,226	42.2	4,069,218	9.7	12,929	1.3	651,331	50.4
Mountain	157,552	64.5	1,872,595	11.9	86,120	35.3	1,224,232	14.2	20,123	8.2	4,608,929	229.0
Pacific	117,196	50.0	1,007,340	8.6	60,681	25.9	1,243,733	20.5	12,792	5.5	1,919,044	150.0
NEW ENGLAND:												
Maine	30,973	64.2	124,924	4.0	10,266	21.3	122,691	12.0	6,179	12.8	59,683	9.7
New Hampshire	11,167	54.4	57,029	5.1	3,914	19.1	53,892	13.8	1,026	5.0	12,980	12.7
Vermont	20,622	70.9	166,388	8.1	7,142	24.6	98,022	13.7	1,954	6.7	30,800	15.8
Massachusetts	11,592	36.2	59,363	5.1	6,058	18.9	118,589	19.6	603	1.9	7,099	11.8
Rhode Island	1,995	48.9	10,524	5.3	763	18.7	12,446	16.3	90	2.2	1,102	12.2
Connecticut	11,521	50.9	59,471	5.2	4,212	18.6	59,048	14.0	386	1.7	4,976	12.9
MIDDLE ATLANTIC:												
New York	130,873	67.7	868,495	6.6	59,440	30.8	778,027	13.1	14,234	7.4	287,590	20.2
New Jersey	12,032	40.5	69,937	5.8	8,965	30.2	150,241	16.8	335	1.1	5,658	16.9
Pennsylvania	135,517	67.0	599,377	4.4	88,535	43.8	1,360,974	15.4	14,472	7.2	229,075	15.8
EAST NORTH CENTRAL:												
Ohio	191,147	74.5	751,001	3.9	152,440	59.4	3,989,970	26.2	42,094	16.4	884,414	21.0
Indiana	162,535	79.2	620,830	3.8	146,075	71.2	4,646,894	31.8	21,434	10.4	350,658	16.4
Illinois	193,702	81.7	1,004,521	5.2	169,831	71.6	5,364,756	31.6	17,404	7.3	291,920	16.8
Michigan	151,710	77.2	651,658	4.3	96,423	49.1	1,494,815	15.5	28,688	14.6	640,574	22.3
Wisconsin	160,910	85.0	1,351,982	8.4	113,475	59.9	2,313,355	20.4	14,306	7.6	230,380	16.1
WEST NORTH CENTRAL:												
Minnesota	150,710	84.4	1,047,150	6.9	114,659	64.2	2,863,418	25.0	14,133	7.9	214,164	15.2
Iowa	184,002	86.2	1,447,603	7.9	175,507	82.2	8,804,746	50.2	20,950	9.8	477,070	22.8
Missouri	209,052	79.5	913,843	4.4	180,329	68.6	4,484,884	24.9	28,697	10.9	642,525	22.4
North Dakota	64,086	83.3	422,883	6.5	43,425	55.9	620,998	14.3	4,089	5.3	99,466	24.3
South Dakota	62,962	84.4	615,796	9.8	55,228	74.0	2,022,991	36.6	4,572	6.1	275,379	60.2
Nebraska	104,413	83.9	920,826	8.8	92,712	74.5	3,335,006	36.0	2,953	2.4	69,128	23.4
Kansas	132,381	80.1	965,678	7.3	89,880	54.4	1,853,378	20.6	4,957	3.0	176,467	35.6
SOUTH ATLANTIC:												
Delaware	5,411	53.4	21,444	4.0	3,451	34.0	40,491	11.7	82	0.8	1,370	16.7
Maryland	27,204	56.8	113,120	4.2	21,301	44.5	347,491	16.3	3,842	8.0	72,307	18.8
District of Columbia	36	17.6	336	9.3	37	18.1	699	18.9	.....	.....	.....	.....
Virginia	107,488	57.7	286,889	2.7	77,308	41.5	1,044,080	13.5	12,853	6.9	255,601	19.9
West Virginia	64,123	73.5	176,970	2.8	35,714	40.9	379,231	10.6	18,415	21.1	338,295	18.4
North Carolina	100,379	37.2	185,516	1.8	99,961	37.1	1,056,170	10.6	4,745	1.8	41,869	8.8
South Carolina	71,202	37.0	125,599	1.8	71,851	37.3	595,382	8.3	1,050	0.5	7,280	6.9
Georgia	135,551	43.6	296,641	2.2	131,847	42.4	1,549,428	11.8	1,570	0.5	15,620	9.9
Florida	17,474	32.4	97,289	5.6	26,969	49.9	467,178	17.3	347	0.6	11,198	32.3
EAST SOUTH CENTRAL:												
Kentucky	161,449	59.7	366,078	2.3	120,498	44.5	1,605,133	13.3	25,157	9.3	491,700	19.5
Tennessee	163,229	64.6	369,268	2.3	138,071	54.6	1,861,285	13.5	12,753	5.0	196,259	15.4
Alabama	137,897	53.8	299,761	2.2	117,462	45.9	1,026,350	8.7	1,576	0.6	19,907	12.6
Mississippi	136,842	50.3	377,864	2.8	132,217	48.6	1,013,587	7.7	2,000	0.7	31,312	15.7
WEST SOUTH CENTRAL:												
Arkansas	120,573	51.8	301,431	2.5	107,705	46.3	966,896	9.0	3,662	1.6	37,532	10.2
Louisiana	57,501	42.4	187,623	3.3	61,366	45.3	490,018	8.0	1,633	1.2	25,372	15.5
Oklahoma	124,214	64.7	635,752	5.1	83,821	43.7	1,031,300	12.3	2,188	1.1	44,898	20.5
Texas	233,333	53.5	1,682,530	7.2	167,334	38.4	1,581,004	9.4	5,446	1.2	543,529	99.8
MOUNTAIN:												
Montana	37,962	65.8	368,237	9.7	17,948	31.1	226,839	12.6	3,285	5.7	977,827	297.7
Idaho	28,967	68.8	194,856	6.7	17,765	42.2	263,610	14.8	5,769	13.7	786,780	136.4
Wyoming	*10,721*	*68.1*	*245,289*	*22.9*	*5,683*	*36.1*	*81,682*	*14.4*	*1,767*	*11.2*	*773,286*	*437.6*
Colorado	40,745	68.0	429,451	10.5	24,088	40.2	418,195	17.4	2,470	4.1	411,150	166.5
New Mexico	14,710	49.3	275,010	18.7	7,000	23.5	64,835	9.3	2,057	6.9	479,083	232.9
Arizona	4,679	46.9	136,981	29.3	1,797	18.0	31,432	17.5	304	3.0	124,494	409.5
Utah	17,753	69.2	140,426	7.9	10,705	41.7	115,645	10.8	3,968	15.5	694,298	175.0
Nevada	2,015	63.7	82,345	40.9	1,134	35.9	21,994	19.4	503	15.9	362,011	719.7
PACIFIC:												
Washington	41,385	62.4	206,554	5.0	19,396	29.3	301,767	15.6	2,688	4.1	258,018	96.0
Oregon	31,679	63.1	241,954	7.6	17,165	34.2	258,944	15.1	6,089	12.1	763,890	125.5
California	44,132	37.5	558,832	12.7	24,120	20.5	683,022	28.3	4,015	3.4	897,136	223.4

TABLE 40.—CATTLE AND CALVES SLAUGHTERED ON FARMS, 1919 AND 1909, AND MEAT AND MEAT PRODUCTS SOLD, 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	CATTLE AND CALVES SLAUGHTERED.							Meat and meat products sold, 1919 (pounds).
	Farms reporting.			Number of animals.				
	Cattle and calves, 1919	Cattle, 1909	Calves, 1909	Total, 1919	Total, 1909	Cattle, 1909	Calves, 1909	
United States	**887,611**	**593,285**	**268,508**	**1,904,581**	**2,540,240**	**1,408,640**	**1,131,600**	**224,780,189**
GEOGRAPHIC DIVISIONS:								
New England	25,732	17,034	10,831	81,512	177,377	75,679	101,698	13,048,923
Middle Atlantic	98,191	73,112	41,624	272,534	456,396	160,473	295,923	38,587,161
East North Central	194,105	117,930	69,197	411,392	503,340	214,287	289,053	48,439,682
West North Central	260,168	197,438	63,282	387,429	463,481	317,527	145,954	28,449,443
South Atlantic	74,558	52,793	21,589	167,743	216,555	158,646	57,909	23,232,863
East South Central	49,669	47,191	12,518	98,936	157,569	129,846	27,723	12,767,425
West South Central	78,102	47,460	15,696	154,858	190,607	151,371	39,236	17,764,913
Mountain	62,158	22,957	9,120	153,760	153,685	115,113	38,572	18,772,369
Pacific	44,928	17,370	24,651	176,417	221,230	85,698	135,532	23,717,410
NEW ENGLAND:								
Maine	10,357	4,513	2,874	35,660	46,151	18,755	27,396	5,432,085
New Hampshire	3,135	2,104	1,137	8,965	19,766	9,116	10,650	1,502,542
Vermont	7,291	6,450	5,147	18,351	60,207	18,832	41,375	3,538,740
Massachusetts	2,553	2,021	995	8,263	27,708	13,521	14,187	985,897
Rhode Island	231	203	56	827	7,874	6,699	1,175	92,228
Connecticut	2,165	1,743	622	9,446	15,671	8,756	6,915	1,497,431
MIDDLE ATLANTIC:								
New York	38,018	26,858	26,604	117,746	281,755	68,793	212,962	16,660,983
New Jersey	1,747	1,377	622	5,924	17,200	3,175	14,025	788,218
Pennsylvania	58,426	44,877	14,398	148,864	157,441	88,505	68,936	21,137,960
EAST NORTH CENTRAL:								
Ohio	42,667	30,912	7,791	78,074	85,220	54,040	31,180	10,479,748
Indiana	26,830	14,877	5,474	42,394	48,853	27,122	21,731	4,749,380
Illinois	34,791	19,120	11,125	71,732	119,545	38,466	81,079	7,582,210
Michigan	41,377	19,852	16,091	117,219	105,515	43,619	61,896	15,609,775
Wisconsin	48,440	33,169	28,716	101,973	144,207	51,040	93,167	10,018,569
WEST NORTH CENTRAL:								
Minnesota	64,087	47,403	28,204	111,276	159,719	79,226	80,493	8,181,397
Iowa	50,516	43,883	7,286	67,705	91,689	73,454	18,235	3,543,458
Missouri	28,350	18,269	4,863	43,909	40,838	32,059	8,779	5,424,009
North Dakota	29,660	19,714	7,992	44,426	45,989	31,570	14,419	3,141,414
South Dakota	22,291	16,959	4,326	30,516	35,509	28,475	7,034	1,519,967
Nebraska	31,563	27,211	3,195	41,350	47,541	42,083	5,458	2,331,358
Kansas	33,701	18,999	7,416	48,247	42,196	30,660	11,536	4,307,840
SOUTH ATLANTIC:								
Delaware	298	150	54	1,035	965	551	414	166,893
Maryland	3,203	3,080	431	5,948	7,980	5,870	2,110	1,110,480
District of Columbia	4	2	5	59	36	8	28	.....
Virginia	11,508	8,487	2,022	21,328	25,144	20,058	5,086	3,292,648
West Virginia	8,498	8,226	1,282	16,608	23,861	18,753	5,108	3,022,849
North Carolina	17,372	13,201	5,964	35,492	50,734	36,132	14,602	4,085,821
South Carolina	8,360	5,782	2,461	18,029	24,326	17,657	6,669	2,090,107
Georgia	22,104	10,506	9,154	54,926	59,928	37,605	22,323	7,034,301
Florida	3,211	3,359	216	14,318	23,581	22,012	1,569	2,429,764
EAST SOUTH CENTRAL:								
Kentucky	12,293	6,497	2,021	19,984	23,557	19,011	4,546	2,812,584
Tennessee	13,509	10,838	2,916	27,657	43,031	33,483	9,548	4,113,082
Alabama	13,526	15,800	4,354	29,300	50,818	42,946	7,872	3,125,916
Mississippi	10,341	14,056	3,227	21,995	40,163	34,406	5,757	2,715,243
WEST SOUTH CENTRAL:								
Arkansas	17,363	11,189	3,028	38,468	46,467	38,088	8,379	5,489,606
Louisiana	9,239	10,215	1,040	17,331	28,876	26,209	2,667	1,434,743
Oklahoma	21,933	8,808	3,128	37,516	28,788	23,043	5,745	4,390,967
Texas	29,567	17,248	8,500	61,543	86,476	64,031	22,445	6,449,597
MOUNTAIN:								
Montana	15,394	4,133	1,454	38,709	28,503	19,755	8,748	5,583,828
Idaho	11,654	3,395	1,801	24,119	17,005	12,216	4,789	3,302,145
Wyoming	4,319	2,059	431	10,802	11,758	9,810	1,948	1,027,164
Colorado	13,729	5,467	2,591	29,972	38,375	26,818	11,557	3,976,799
New Mexico	6,988	3,937	1,222	17,957	19,974	16,316	3,658	1,509,566
Arizona	1,859	942	171	9,628	11,917	10,773	1,144	796,546
Utah	7,160	2,214	1,233	15,778	13,520	8,208	5,312	2,003,109
Nevada	1,055	810	217	6,795	12,633	11,217	1,416	573,212
PACIFIC:								
Washington	20,471	7,370	10,345	71,700	69,325	25,087	44,238	10,064,599
Oregon	17,087	5,946	9,539	57,980	65,048	24,292	40,756	7,262,850
California	7,370	4,054	4,767	46,737	86,857	36,319	50,538	6,389,961

TABLE 41.—SWINE, AND SHEEP AND LAMBS SLAUGHTERED ON FARMS, 1919 AND 1909, AND MEAT AND MEAT PRODUCTS SOLD, 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	SWINE SLAUGHTERED.					SHEEP AND LAMBS SLAUGHTERED.				
	Farms reporting.		Number of animals.		Meat and meat products sold, 1919 (pounds).	Farms reporting.		Number of animals.		Meat and meat products sold, 1919 (pounds).
	1919	1909	1919	1909		1919	1909	1919	1909	
United States	4,565,130	3,643,546	16,800,230	15,378,517	443,538,071	93,853	69,299	434,608	529,526	6,734,772
GEOGRAPHIC DIVISIONS:										
New England	80,297	66,813	194,306	177,154	18,683,184	3,584	3,474	20,514	41,719	630,897
Middle Atlantic	291,531	268,050	1,162,255	1,135,912	80,147,963	8,398	6,311	52,151	80,724	2,073,857
East North Central	824,093	739,549	2,824,044	2,944,811	77,652,164	14,138	13,508	37,269	57,686	699,245
West North Central	853,378	716,346	2,708,636	2,664,171	34,884,799	20,539	14,288	50,455	45,612	363,826
South Atlantic	878,874	666,955	3,932,523	3,201,206	89,963,090	10,099	10,672	27,222	36,701	563,070
East South Central	784,023	597,326	2,868,795	2,556,039	57,559,258	9,858	9,371	23,684	34,236	382,033
West South Central	637,063	488,272	2,320,023	2,213,493	48,907,473	4,177	3,202	18,472	20,195	190,833
Mountain	127,415	48,616	443,567	208,106	14,721,366	16,901	5,428	159,674	153,572	984,073
Pacific	88,456	51,619	346,081	277,625	21,018,774	6,159	3,045	45,167	59,081	846,938
NEW ENGLAND:										
Maine	27,898	24,404	54,529	47,319	5,233,720	2,007	1,997	12,326	23,277	378,934
New Hampshire	10,783	9,658	23,545	22,563	2,405,790	467	464	2,655	5,987	80,324
Vermont	17,490	16,559	43,418	50,786	4,345,803	565	576	2,121	6,609	65,197
Massachusetts	11,749	7,183	36,413	27,754	3,475,055	266	202	1,601	2,412	47,550
Rhode Island	1,507	1,034	4,167	3,674	387,822	36	40	167	749	6,388
Connecticut	10,870	7,975	32,234	25,058	2,834,994	243	195	1,644	2,685	52,504
MIDDLE ATLANTIC:										
New York	122,531	107,276	404,104	386,264	31,826,854	4,342	3,155	30,845	51,277	1,265,237
New Jersey	15,003	13,906	64,745	73,709	4,613,832	185	149	975	1,229	29,188
Pennsylvania	153,997	146,868	693,406	675,939	43,707,277	3,871	3,007	20,331	28,218	779,432
EAST NORTH CENTRAL:										
Ohio	199,228	182,236	732,636	768,195	18,265,203	3,297	2,459	10,778	16,754	175,768
Indiana	163,011	152,287	579,941	646,581	7,861,970	1,045	951	1,855	3,714	24,737
Illinois	192,950	172,486	723,838	762,545	13,475,480	2,062	1,649	4,376	4,284	35,626
Michigan	124,099	114,104	348,798	381,247	22,369,438	3,236	3,012	10,232	17,818	325,574
Wisconsin	144,805	118,436	438,831	386,243	15,680,073	4,498	5,437	10,028	15,116	137,540
WEST NORTH CENTRAL:										
Minnesota	134,856	100,583	379,611	314,597	9,162,008	5,142	5,418	12,332	16,231	132,365
Iowa	173,394	147,246	537,961	507,167	2,275,482	4,061	2,556	7,404	6,180	22,482
Missouri	210,494	200,247	796,082	949,318	12,593,599	3,630	3,171	8,207	7,461	85,354
North Dakota	58,206	37,893	216,637	136,227	3,326,483	2,301	927	7,423	4,342	54,287
South Dakota	54,749	36,975	161,885	117,781	1,528,839	2,218	1,119	7,237	7,246	17,208
Nebraska	96,961	81,292	268,025	261,515	1,411,883	1,382	551	3,160	1,753	9,781
Kansas	124,718	112,110	348,435	377,566	4,586,505	1,805	546	4,692	2,399	42,349
SOUTH ATLANTIC:										
Delaware	7,674	6,636	27,553	27,588	1,505,765	25	16	158	87	10,208
Maryland	37,150	32,931	189,898	180,406	5,885,569	595	530	1,975	2,952	52,438
District of Columbia	64	39	501	383	30,086	.....	.....	.....	.....	.....
Virginia	157,369	127,841	655,627	537,797	17,645,865	2,878	2,580	7,786	9,185	154,478
West Virginia	73,698	65,798	245,855	206,701	7,281,011	3,803	3,173	8,475	8,269	194,451
North Carolina	208,602	166,636	934,320	783,247	23,406,140	1,775	3,026	5,292	9,763	93,474
South Carolina	132,709	86,224	431,217	309,922	3,836,812	364	318	1,175	1,409	20,771
Georgia	228,908	154,935	1,127,913	860,409	17,185,081	601	928	2,171	3,552	34,325
Florida	32,700	25,915	319,639	294,753	13,186,761	58	101	190	1,484	2,925
EAST SOUTH CENTRAL:										
Kentucky	206,113	168,483	721,263	733,642	5,627,480	5,023	3,250	9,503	10,650	149,519
Tennessee	201,960	163,764	783,197	742,123	18,537,751	3,312	3,722	8,322	13,490	134,127
Alabama	193,456	137,036	703,829	581,615	17,187,482	694	1,293	2,509	5,251	49,862
Mississippi	182,494	128,043	660,506	498,659	16,206,545	829	1,106	3,350	4,845	48,525
WEST SOUTH CENTRAL:										
Arkansas	152,972	113,636	632,512	616,350	16,189,192	871	1,250	2,823	5,705	62,609
Louisiana	73,456	48,727	331,080	287,447	7,143,658	682	678	3,126	3,965	47,808
Oklahoma	130,444	104,564	438,185	424,436	4,795,513	1,133	185	3,364	1,129	27,538
Texas	280,191	221,345	918,246	885,260	20,779,110	1,491	1,089	9,159	9,396	52,878
MOUNTAIN:										
Montana	28,480	5,104	122,067	33,143	4,788,791	1,913	426	13,160	13,785	184,350
Idaho	24,389	10,470	81,520	47,437	2,045,781	4,361	611	21,583	8,494	177,449
Wyoming	8,171	2,506	31,476	13,064	1,005,783	1,380	565	13,175	20,832	90,851
Colorado	34,107	12,330	104,330	52,081	3,287,451	2,087	577	17,678	19,945	93,435
New Mexico	10,309	6,677	27,935	21,929	858,269	2,753	2,275	48,924	58,839	161,110
Arizona	2,388	816	9,468	3,299	509,051	202	194	7,648	8,125	18,814
Utah	18,117	10,040	58,225	31,210	2,015,968	3,803	676	28,736	16,579	224,723
Nevada	1,454	673	8,546	5,943	210,272	402	104	8,770	6,973	43,341
PACIFIC:										
Washington	32,529	18,129	128,467	92,600	9,424,841	1,721	731	8,656	7,360	262,890
Oregon	25,816	18,153	108,032	102,755	6,948,404	2,450	1,395	16,228	15,786	308,502
California	30,111	15,337	109,582	82,270	4,645,529	1,988	919	20,283	35,915	275,546

TABLE 42.—VALUE OF DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	1919 (estimated)	1909 (as reported)
United States	**$3,511,050,000**	**$1,833,175,487**
GEOGRAPHIC DIVISIONS:		
New England	55,500,000	30,416,780
Middle Atlantic	170,200,000	89,563,068
East North Central	784,200,000	422,925,855
West North Central	1,312,600,000	715,336,435
South Atlantic	221,550,000	102,508,692
East South Central	256,500,000	129,996,105
West South Central	352,200,000	181,003,205
Mountain	230,700,000	100,115,107
Pacific	127,600,000	61,310,240
NEW ENGLAND:		
Maine	15,700,000	8,419,921
New Hampshire	7,700,000	4,329,750
Vermont	13,300,000	7,458,895
Massachusetts	10,900,000	6,020,530
Rhode Island	1,300,000	746,583
Connecticut	6,600,000	3,441,101
MIDDLE ATLANTIC:		
New York	71,000,000	39,261,111
New Jersey	8,700,000	4,996,850
Pennsylvania	90,500,000	45,305,107
EAST NORTH CENTRAL:		
Ohio	159,400,000	89,596,986
Indiana	171,100,000	92,896,132
Illinois	274,800,000	147,060,674
Michigan	75,600,000	43,567,427
Wisconsin	103,300,000	49,804,636
WEST NORTH CENTRAL:		
Minnesota	104,000,000	41,064,015
Iowa	420,300,000	218,216,303
Missouri	270,800,000	159,239,222
North Dakota	34,900,000	14,456,748
South Dakota	63,700,000	38,359,140
Nebraska	208,700,000	106,077,755
Kansas	210,200,000	137,923,252
SOUTH ATLANTIC:		
Delaware	$2,400,000	$1,338,609
Maryland	16,800,000	8,469,767
District of Columbia	50,000	24,456
Virginia	61,100,000	28,982,906
West Virginia	34,600,000	18,456,118
North Carolina	41,600,000	18,526,988
South Carolina	18,000,000	6,790,617
Georgia	39,000,000	15,869,720
Florida	8,000,000	4,049,811
EAST SOUTH CENTRAL:		
Kentucky	96,800,000	54,733,377
Tennessee	101,000,000	49,847,367
Alabama	29,100,000	13,150,064
Mississippi	29,600,000	12,265,297
WEST SOUTH CENTRAL:		
Arkansas	39,400,000	20,323,592
Louisiana	12,100,000	5,780,166
Oklahoma	103,800,000	61,099,694
Texas	196,900,000	93,799,753
MOUNTAIN:		
Montana	46,000,000	21,609,099
Idaho	30,500,000	12,865,703
Wyoming	23,700,000	14,224,680
Colorado	70,600,000	24,208,175
New Mexico	25,700,000	10,941,885
Arizona	10,900,000	4,847,097
Utah	15,600,000	6,656,236
Nevada	7,700,000	4,762,232
PACIFIC:		
Washington	23,900,000	10,249,346
Oregon	36,200,000	17,433,774
California	67,500,000	33,627,120

CHAPTER XI

SUMMARY FOR ALL CROPS

WITH DATA FOR SALES OF SELECTED CROPS

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CHAPTER XI.—SUMMARY FOR ALL CROPS

WITH DATA FOR SALES OF SELECTED CROPS.

INTRODUCTION.

This chapter presents the statistics in summarized form for all farm crops harvested in 1919, as compiled from the returns of the census of 1920, with comparative figures for crops harvested in 1909. Statistics for the individual crops are presented in detail, with data for prior censuses, in Chapter XII, entitled "Individual Crops."

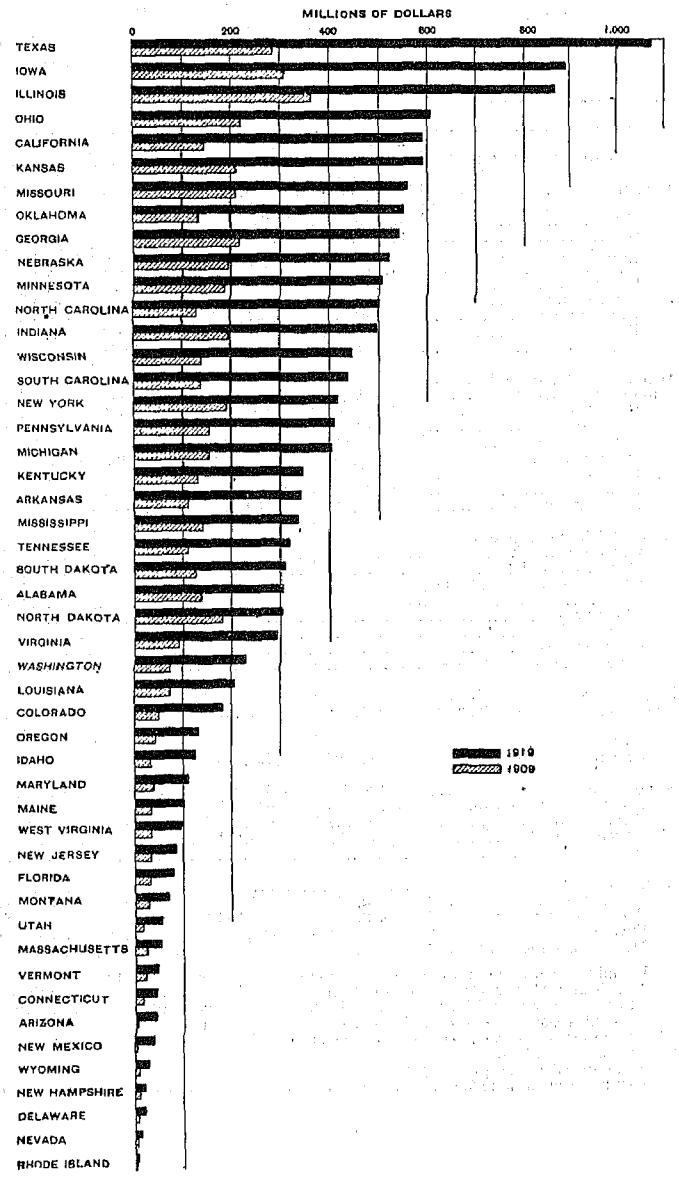
There are three groups of products which, while they are produced to a considerable extent on farms and have many of the characteristics of crops, have not been included in the totals for farm crops at the present census, namely, forest products of farms, nursery products, and greenhouse products. The data for these products are presented in Chapter XIII, entitled "Forest Products of Farms, and Nurseries and Greenhouses."

ACREAGE, PRODUCTION, AND VALUE OF ALL CROPS.

Value of all crops: 1919 and 1909.—The value of all crops harvested in 1919 was $14,755,364,894, as compared with $5,231,850,683 in 1909, these figures indicating an increase of $9,523,514,211, or 182 per cent. The figures representing the total value of all crops are not strictly comparable, however, since the crops included for 1919 are not exactly the same as those included for 1909. The main item in the difference is corn cut for forage, valued at $206,934,650 for the United States as a whole, which is included in the 1919 total but not in the 1909 total (since the crop was not reported to any extent in 1909). This item is partly offset by the incompleteness of the 1919 returns for three crops (emmer and spelt, quinces, and "other berries"), resulting from changes in schedule and definitions. Making due allowance for these crops, however, the 1919 value of all crops would appear to be still too large, by about 1 per cent, for exact comparison with the 1909 value. Basing the comparison on those crops alone for which the data are strictly comparable (see Table 5), the percentage of increase becomes 179.5, in place of the 182 per cent indicated by the nominal totals.

At the several censuses prior to 1920, the value of the crops was reported on the individual farm schedule, in the same way as the acreage and the production. At the census of 1920, however, wherever a unit value could be used, such as the value per bushel or per ton, the farmer was asked to report the acreage and production of each crop but not the value. To supplement the information obtained from the farmers, the Bureau of Crop Estimates, of the United States Department of Agriculture, secured on special schedules from its crop reporters average values for such crops. These special schedules were tabulated by the Bureau of the Census, and the resulting averages, approved by the Bureau of Crop Estimates as representing a fair average of the farm value per unit, were used in computing most of the crop values presented in the accompanying tables.

VALUE OF ALL FARM CROPS, BY STATES: 1919 AND 1909.



For some products it was not possible to find any satisfactory unit on which to base a computation of the total value. Values were therefore obtained on the 1920 schedule for vegetables, other than potatoes and sweet potatoes, and for the farm gardens.

Acreage of crops: 1919 and 1909.—For most of the crops the number of acres harvested was reported, the value of the crops with acreage reports constituting 92.4 per cent of the total value of all crops in 1919 and 95.9 per cent in 1909. The acreage of the crops with acreage reports in 1919 (exclusive of corn cut for forage) was 348,551,669, as compared with 311,194,516 in 1909, showing an increase of 37,357,153 acres, or 12 per cent, for the decade. The acreage devoted to the production of these crops in 1919 and 1909 constituted, respectively, 69.3 per cent and 65 per cent of the improved land in farms.

Acreage reports were secured for all crops except (1) orchard and subtropical fruits, grapes, nuts, and maple sugar and sirup, for which the number of trees or vines rather than the acreage was called for; (2) certain seeds, the acreage of which would largely duplicate the acreage of their respective primary crops; and (3) farm gardens. The acreage of improved land occupied by crops other than those for which acreage reports were secured is thus largely devoted to fruits, and probably amounts to between 1 and 2 per cent of the total improved acreage.

TABLE 1.—ACREAGE, PRODUCTION, AND VALUE OF ALL CROPS IN THE UNITED STATES: 1919 AND 1909.

[Acreage and value of some of the principal crops, by divisions and states, in Tables 12 and 13.]

CROP.	ACREAGE.				PRODUCTION.					VALUE.	
	1919	1909	Increase.[1] Amount.	Increase.[1] Per cent.	Unit.	1919	1909	Increase.[1] Amount.	Increase.[1] Per cent.	1919	1909
All crops										$14,755,364,894	$5,231,850,683
With acreage reports	[2] 348,551,669	311,194,516	37,357,153	12.0						13,638,197,008	5,018,074,443
With no acreage reports										1,117,167,886	213,776,240
Cereals, total	219,030,756	191,395,963	27,634,793	14.4	Bu.	4,680,986,419	4,512,564,465	168,421,954	3.7	6,941,257,254	2,665,539,714
Corn	87,771,600	98,382,665	−10,611,065	−10.8	Bu.	2,345,832,507	2,552,189,630	−206,357,123	−8.1	3,507,797,102	1,438,553,919
Wheat	73,099,421	44,262,592	28,836,829	65.1	Bu.	945,403,215	683,379,259	262,023,956	38.3	2,074,078,801	657,656,801
Oats	37,991,002	35,159,441	2,831,561	8.1	Bu.	1,055,182,798	1,007,142,980	48,039,818	4.8	855,255,468	414,697,422
Barley	6,472,888	7,698,706	−1,225,818	−15.9	Bu.	122,024,773	173,344,212	−51,319,439	−29.6	160,427,255	92,458,571
Rye	7,679,005	2,195,561	5,483,444	249.8	Bu.	75,992,223	29,520,457	46,471,766	157.4	116,537,965	20,421,812
Buckwheat	742,627	878,048	−135,421	−15.4	Bu.	12,690,384	14,849,332	−2,158,948	−14.5	19,715,305	9,330,592
Emmer and spelt	166,829	573,622	−406,793	−70.9	Bu.	2,607,868	12,702,710	−10,094,842	−79.5	3,699,943	5,584,050
Kafir and milo	3,619,034	1,635,153	1,983,881	121.3	Bu.	72,085,954	17,597,305	54,488,649	309.6	90,221,040	10,816,940
Rice (rough)	911,272	610,175	301,097	49.3	Bu.	35,330,912	21,838,580	13,492,332	61.8	97,194,481	16,019,607
Mixed crops [3]	577,078		577,078		Bu.	13,835,785		13,835,785		16,329,888	
Other grains and seeds with acreage reports, total	4,651,795	5,156,893	−505,098	−9.8						184,055,553	80,959,195
Dry edible beans	1,161,682	802,991	358,691	44.7	Bu.	14,079,093	11,251,160	2,827,933	25.1	61,795,225	21,771,482
Soy beans	112,826	1,629	111,197		Bu.	1,084,813	16,835	1,067,978		4,450,099	20,577
Other beans [4]	1,631	13,318	−11,687	−87.8	Bu.	50,328	162,898	−112,570	−69.1	126,022	220,483
Dry peas	865,670	1,305,099	−439,429	−33.7	Bu.	5,742,626	7,129,294	−1,386,668	−19.5	20,790,541	10,963,739
Peanuts	1,125,100	869,887	255,213	29.3	Bu.	27,449,930	19,415,816	8,034,114	41.4	62,751,701	18,271,929
Flaxseed	1,260,687	2,083,142	−822,455	−39.5	Bu.	6,653,200	19,512,765	−12,859,565	−65.9	29,360,998	28,970,554
Miscellaneous seeds [5]	124,199	80,827	43,372	53.7						4,780,967	740,431
Seeds with no acreage reports, total					Bu.	7,851,698	6,671,348	1,180,350	17.7	88,853,960	16,548,696
Red clover seed					Bu.	1,175,969	1,289,144	755,129	58.6	34,768,946	8,976,962
Other clover and alfalfa seed					Bu.	868,304				20,647,780	
Timothy seed					Bu.	2,587,268	2,878,790	−291,522	−10.1	13,673,913	4,018,951
Millet seed					Bu.	1,310,953	588,270	722,683	122.8	3,682,987	491,566
Other grass seed					Bu.	1,909,204	1,915,144	−5,940	−0.3	8,070,206	1,650,204
Flower and vegetable seeds										8,010,128	1,411,013
Hay and forage, total, including corn cut for forage	96,121,228				Tons	146,343,241				2,523,050,224	
Hay and forage, excluding corn cut for forage	81,618,296	72,402,173	9,216,123	12.7	Tons	128,549,499	97,755,296	30,794,203	31.5	2,316,115,574	826,401,175
Vegetables, total	5,530,704	7,073,379	−1,542,675	−21.8						1,302,199,688	418,110,154
Potatoes (Irish or white)	3,251,703	3,668,855	−417,152	−11.4	Bu.	290,427,580	389,194,965	−98,767,385	−25.4	639,440,521	166,423,910
Sweet potatoes and yams	803,727	641,255	162,472	25.3	Bu.	78,091,913	59,232,070	18,859,843	31.8	124,844,475	35,429,176
Other vegetables [6]	1,475,274	2,763,269								193,248,964	216,257,068
Farm gardens [7]										344,665,728	
Sugar crops, total										162,439,060	59,252,644
Sugar cane	372,938	476,849	−103,911	−21.8	Tons	3,544,679	6,240,260	−2,695,581	−43.2	59,499,467	26,415,952
Sorghum grown for sirup	482,043	326,352	155,691	47.7	Tons	1,644,100	1,376,487	267,613	19.4	24,506,228	7,963,499
Sugar beets grown for sugar	636,434	360,433	276,001	76.6	Tons	5,993,409	3,902,071	2,091,338	53.6	66,051,989	19,695,384
Maple sugar and sirup										12,381,376	5,177,809

[1] A minus sign (−) denotes decrease. Per cent not shown when more than 1,000.
[2] Excluding 14,502,932 acres reported for corn cut for forage, which is practically all duplicated in the acreage shown for corn harvested as grain.
[3] Principally oats and barley, oats and wheat, and wheat and barley grown and harvested together.
[4] Includes castor beans, horse beans, and "other" beans.
[5] Includes broom-corn seed, hemp seed, mustard seed, sorghum seed, sunflower seed, and tobacco seed (1919 and 1909), sugar-beet seed (1919), and anise seed and golden-seal seed (1909).
[6] The 1919 figures represent vegetables raised for sale only.
[7] In 1909 the value of the products of the farm gardens was largely included in the value of "Other vegetables."

TABLE 1.—ACREAGE, PRODUCTION, AND VALUE OF ALL CROPS IN THE UNITED STATES: 1919 AND 1909—Continued.

[Acreage and value of some of the principal crops, by divisions and states, in Tables 12 and 13.]

CROP.	ACREAGE.				PRODUCTION.					VALUE.	
	1919	1909	Increase.[1] Amount.	Increase.[1] Per cent.	Unit.	1919	1909	Increase.[1] Amount.	Increase.[1] Per cent.	1919	1909
Miscellaneous crops, total										**$2,820,510,172**	**$943,014,889**
Tobacco	1,864,080	1,294,911	569,169	44.0	Lbs.	1,372,993,261	1,055,764,806	317,228,455	30.0	444,047,481	104,302,856
Cotton, including cottonseed	33,740,106	32,043,838	1,696,268	5.3						2,355,169,365	824,696,287
Lint cotton					Bales	11,376,130	10,649,268	726,862	6.8	2,007,430,242	703,619,303
Cottonseed (estimated)					Tons	5,327,721	5,324,622	3,099	0.1	347,739,123	121,076,984
Broom corn	337,806	326,102	11,704	3.6	Lbs.	113,031,132	78,959,958	34,071,174	43.1	7,945,163	5,134,434
Hops	15,954	44,693	−28,739	−64.3	Lbs.	19,760,793	40,718,748	−20,957,955	−51.5	10,364,464	7,844,745
Sundry minor crops [2]	21,673	20,470	1,203	5.9						2,983,699	1,036,567
Small fruits, total	**249,084**	**272,460**	**−23,376**	**−8.6**	Qts.	**324,988,968**	**426,565,863**	**−101,576,895**	**−23.8**	**61,732,161**	**29,974,481**
Strawberries	119,395	143,045	−23,650	−16.5	Qts.	176,931,550	255,702,035	−78,770,485	−30.8	36,004,245	17,913,926
Raspberries and loganberries	54,256	48,668	5,588	11.5	Qts.	61,333,509	60,918,196	415,313	0.7	13,386,125	5,132,277
Blackberries and dewberries	46,165	49,004	−2,839	−5.8	Qts.	39,945,078	55,343,570	−15,398,492	−27.8	7,117,972	3,909,831
Cranberries	16,804	18,431	−1,627	−8.8	Qts.	35,260,291	38,243,060	−2,982,769	−7.8	3,197,979	1,755,613
Currants	7,379	7,862	−483	−6.1	Qts.	7,614,817	10,448,532	−2,833,715	−27.1	1,421,908	790,431
Other berries	5,085	5,450	−365	−6.7	Qts.	3,903,723	5,910,470	−2,006,747	−34.0	603,932	472,403
Orchard fruits, total					Bu.	**230,681,707**	**213,973,695**	**16,708,012**	**7.8**	**431,097,974**	**140,867,347**
Apples					Bu.	136,560,997	145,412,318	−8,851,321	−6.1	241,573,577	83,231,492
Peaches					Bu.	50,686,082	35,470,276	15,215,806	42.9	95,569,868	28,781,078
Pears					Bu.	14,204,265	8,840,733	5,363,532	60.7	26,439,735	7,910,600
Plums and prunes					Bu.	19,083,942	15,480,170	3,603,772	23.3	40,984,423	10,299,495
Cherries					Bu.	3,945,749	4,126,099	−180,350	−4.4	14,166,176	7,231,160
Apricots					Bu.	6,130,086	4,150,263	1,979,823	47.7	12,223,052	2,884,119
All other					Bu.	70,586	493,836			141,143	529,403
Grapes					Lbs.	**2,516,840,387**	**2,265,065,205**	**251,775,182**	**11.1**	**95,586,021**	**22,027,961**
Subtropical fruits, total										**114,868,431**	**24,706,753**
Oranges					Boxes.	27,757,953	19,487,481	8,270,472	42.4	83,398,894	17,566,464
Lemons					Boxes.	6,585,269	2,770,313	3,814,956	137.7	19,102,267	2,993,738
Grapefruit (pomeloes)					Boxes.	3,656,437	1,189,250	2,467,187	207.5	7,176,703	2,060,610
Figs					Lbs.	26,876,827	35,060,395	−8,183,568	−23.3	2,811,660	803,810
All other [3]										2,378,907	1,282,131
Nuts, total										**29,714,396**	**4,447,674**
Pecans					Lbs.	31,808,548	9,890,769	21,917,779	221.6	7,792,086	971,596
Walnuts (Persian or English)					Lbs.	59,840,407	22,026,524	37,813,883	171.7	17,916,158	2,297,336
Almonds					Lbs.	15,852,965	6,793,539	9,059,426	133.4	3,963,264	711,970
Coconuts					No.	612,680	17,012	595,668		42,888	501
All other					Lbs.		23,617,178				466,271

[1] A minus sign (−) denotes decrease. Per cent not shown when more than 1,000.
[2] Includes chufas, hemp, chicory, ginseng, mint, teasels, and willows (1919 and 1909), and cassava (1919).
[3] Includes limes, tangerines, citrons, kumquats, olives, pineapples, alligator pears, bananas, guavas, loquats, mangoes, Japanese persimmons, pomegranates, and dates (1919 and 1909), sugar apples and sapodillas (1919), and mandarins (1909).

Maple sugar and sirup are derived from trees growing on unimproved land, and considerable quantities of hay and forage, especially west of the Mississippi River, are cut from land which has never been plowed, some of which was no doubt returned as unimproved land. Most of the improved land not in cultivated crops nor in orchards or vineyards represents improved pasture land, land lying idle or fallow, land on which there was a crop failure, and land occupied by buildings and yards.

Percentage of improved land occupied by crops.—The relative importance of the various 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 occupied by each crop or group of crops in 1919 and 1909, and also the percentage of the total acreage of crops with acreage reports.

In 1919 the cereals as a group occupied 43.5 per cent of the improved land; hay and forage (excluding corn cut for forage), 16.2 per cent; and cotton, 6.7 per cent. Of the total reported crop acreage, the cereals occupied 62.8 per cent, hay and forage 23.4 per cent, and cotton 9.7 per cent, the aggregate for these three crops or groups of crops being 95.9 per cent of the total.

TABLE 2.—PERCENTAGE OF IMPROVED LAND AND OF TOTAL CROP ACREAGE IN THE UNITED STATES OCCUPIED BY PRINCIPAL CROPS: 1919 AND 1909.

CROP.	PERCENTAGE OF TOTAL IMPROVED FARM LAND OCCUPIED.		PERCENTAGE OF TOTAL ACREAGE OF CROPS WITH ACREAGE REPORTS.	
	1919	1909	1919	1909
All crops with acreage reports	69.3	65.0	100.0	100.0
Cereals, total	43.5	40.0	62.8	61.5
Corn	17.4	20.6	25.2	31.6
Wheat	14.5	9.3	21.0	14.2
Oats	7.6	7.3	10.9	11.3
Barley	1.3	1.6	1.9	2.5
Rye	1.5	0.5	2.2	0.7
Buckwheat	0.1	0.2	0.2	0.3
Kafir and milo	0.7	0.3	1.0	0.5
Rice	0.2	0.1	0.3	0.2
Other grains and seeds:				
Dry edible beans	0.2	0.2	0.3	0.3
Dry peas	0.2	0.3	0.2	0.4
Peanuts	0.2	0.2	0.3	0.3
Flaxseed	0.3	0.4	0.4	0.7
Hay and forage, excluding corn cut for forage	16.2	15.1	23.4	23.3
Vegetables	1.1	1.5	1.6	2.3
Potatoes (Irish or white)	0.6	0.8	0.9	1.2
Sweet potatoes and yams	0.2	0.1	0.2	0.2
Other vegetables [1]	0.3	0.6	0.4	0.9
Tobacco	0.4	0.3	0.5	0.4
Cotton	6.7	6.7	9.7	10.3
Sugar crops:				
Sugar cane	0.1	0.1	0.1	0.2
Sorghum grown for sirup	0.1	0.1	0.1	0.1
Sugar beets grown for sugar	0.1	0.1	0.2	0.1
Small fruits	(2)	0.1	0.1	0.1
Other crops with acreage reports	0.1	0.1	0.2	0.2

[1] The 1919 figures represent vegetables raised for sale only.
[2] Less than one-tenth of 1 per cent.

Table 3 shows the percentage of improved land occupied by the principal crops for the different census years from 1879 to 1919—1879 being the earliest census year for which acreage figures are available.

TABLE 3.—PERCENTAGE OF IMPROVED LAND IN THE UNITED STATES OCCUPIED BY PRINCIPAL CROPS: *1879 TO 1919.*

[Figures for 1919 and 1909, by divisions and states, in Table 14.]

CROP.	1919	1909	1899	1889	1879
All cereals	43.5	40.0	44.6	39.3	41.7
Corn	17.4	20.6	22.9	20.2	21.9
Wheat	14.5	9.3	12.7	9.4	12.4
Oats	7.6	7.3	7.1	7.9	5.7
Other cereals	4.0	2.8	1.9	1.8	1.7
Flaxseed	0.3	0.4	0.5	0.4	.....
Hay and forage, excluding corn cut for forage	16.2	15.1	14.9	14.8	10.8
Potatoes (Irish or white)	0.6	0.8	0.7	0.7	(1)
Sweet potatoes and yams	0.2	0.1	0.1	0.1	(1)
Tobacco	0.4	0.3	0.3	0.2	0.2
Cotton	6.7	6.7	5.9	5.6	5.1

[1] Acreage not completely reported.

Relative value of the different crops: 1919 and 1909.—The leading crops in 1919, as judged by value, were corn, which contributed 23.8 per cent of the total value of all crops; hay and forage (including corn cut for forage), 17.1 per cent; cotton (including cottonseed), 16 per cent; wheat, 14.1 per cent; oats, 5.8 per cent; and potatoes, 4.3 per cent, these crops aggregating more than four-fifths (81.1 per cent) of the total value of all crops for 1919.

TABLE 4.—PERCENTAGE OF TOTAL VALUE OF CROPS IN THE UNITED STATES REPRESENTED BY PRINCIPAL CROPS, AND AVERAGE VALUE PER ACRE: 1919 AND 1909.

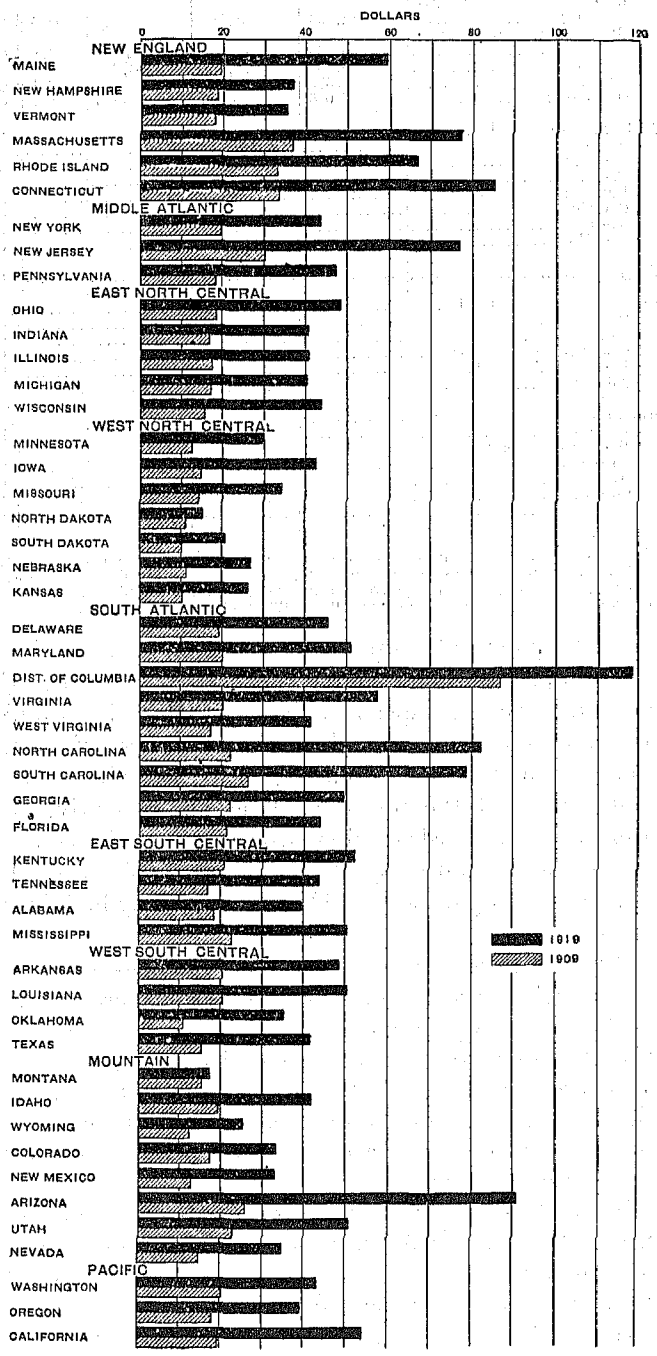
[Percentages for principal crops, by divisions and states, in Table 15.]

CROP.	PER CENT OF TOTAL VALUE OF CROPS.		AVERAGE VALUE PER ACRE.	
	1919	1909	1919	1909
All crops	100.0	100.0	.....	.....
With acreage reports	92.4	95.9	$39.13	$16.13
With no acreage reports	7.6	4.1	.....	.....
Cereals, total	47.0	50.9	31.69	13.93
Corn	23.8	27.5	39.97	14.62
Wheat	14.1	12.6	28.37	14.86
Oats	5.8	7.9	22.51	11.79
Barley	1.1	1.8	24.78	12.01
Rye	*0.8*	*0.4*	*15.18*	*9.30*
Buckwheat	0.1	0.2	26.55	10.63
Kafir and milo	0.6	0.2	24.93	6.62
Rice (rough)	0.7	0.3	106.66	26.25
Other grains and seeds:				
Dry edible beans	0.4	0.4	53.19	27.11
Dry peas	0.1	0.2	24.02	8.40
Peanuts	0.4	0.3	55.77	21.00
Flaxseed	0.2	0.6	23.29	13.91
Hay and forage, total, incl. corn cut for forage	17.1	.....	.....	.....
Hay and forage, excluding corn cut for forage	15.7	15.8	28.38	11.41
Vegetables:				
Potatoes (Irish or white)	4.3	3.2	196.65	45.36
Sweet potatoes and yams	0.8	0.7	155.33	55.25
Other vegetables [1]	1.3	4.1	130.99	78.26
Tobacco	3.0	2.0	238.21	80.55
Cotton (including cottonseed)	16.0	15.8	69.80	25.74
Sugar crops:				
Sugar cane	0.4	0.5	159.54	55.40
Sorghum grown for sirup	0.2	0.2	50.84	24.40
Sugar beets grown for sugar	0.4	0.4	103.78	54.64
Fruits and nuts:				
Small fruits	0.4	0.6	247.83	110.01
Orchard fruits	2.9	2.7	.....	.....
Grapes	0.6	0.4	.....	.....
Subtropical fruits	0.8	0.5	.....	.....
Nuts	0.2	0.1	.....	.....

[1] The 1919 figures represent vegetables raised for sale only. Including the products of the farm gardens, the value of miscellaneous vegetables in 1919 represented 3.6 per cent of the value of all crops.

The average value per acre for the aggregate of all crops with acreage reports was $39.13 in 1919, as compared with $16.13 in 1909. The average values per acre for individual crops, which are presented in Table 4, naturally show a very wide variation. In *1919 they ranged from $15.18 for rye to $247.83 for* the group of small fruits. The average value per acre of the leading crops in 1919 was as follows: Corn, $39.97; wheat, $28.37; oats, $22.51; hay and forage (excluding corn cut for forage), $28.38; cotton (including cottonseed), $69.80; and potatoes, $196.65.

AVERAGE VALUE PER ACRE OF CROPS WITH ACREAGE REPORTS, BY STATES: 1919 AND 1909.



Net increase in production of crops and increase in price level: 1909 to 1919.—It is evident that a very large part of the increase in the value of all crops between 1909 and 1919 was the result of the higher prices prevailing in 1919, and that increased production was a factor of minor importance. In Table 5 is presented a series of computations designed to separate these two factors and to show their relative importance. These computations indicate that, for the crops compared, the total increase of 179.5 per cent may be divided into two parts—9 per cent representing the increase due to greater production and 156.5 per cent representing the increase due to higher prices.

The increase due to greater production is computed from the actual value of the crops in 1909 and the value of the 1919 production on the basis of the 1909 prices. Since the prices are the same, the increase shown in this comparison is evidently the result of increased production.

The increase due to higher prices is computed from the value of the 1919 crops on the basis of the 1909 prices, and the actual value of the same crops at 1919 prices. Since the quantities concerned are the same, the increase shown by this comparison is evidently the result of the higher prices.

The "crops compared," as shown in Table 5, include all those crops for which quantities and prices were available for both 1919 and 1909, except three crops (emmer and spelt, quinces, and "other berries") for which the 1919 returns were considered inadequate for comparison with 1909, by reason of changes in the form of the schedule used in 1920. The value of "mixed crops," as reported for 1919, was included in the 1919 totals, because the same mixed crops were presumably reported in 1909 and distributed among the several grains which made up the mixture. The 1909 price for mixed crops was obtained by dividing the 1919 price by the index of the combined production of the four principal constituent grains—wheat, oats, barley, and rye.

The value of the crops compared formed nearly 95 per cent of the value of all crops in 1919, and percentages based on this total may be accepted as representative of all crops.

TABLE 5.—COMPARATIVE STATEMENT SHOWING INCREASE IN VALUE OF CROPS BETWEEN 1909 AND 1919 RESULTING (1) FROM GREATER PRODUCTION, AND (2) FROM HIGHER PRICES.

CROP.	Unit.	AVERAGE VALUE PER UNIT.			VALUE OF CROPS.			INCREASE IN CROP VALUES, 1909 TO 1919.[1]					
		1919	1909	Per cent of increase.	As reported, 1919	Computed for 1919 on basis of 1909 prices.	As reported, 1909	Gross increase.[2]		Increase due to greater production.[3]		Increase due to higher prices.[4]	
								Amount.	Per cent.	Amount.	Per cent.	Amount.	Per cent.
All crops compared					$13,995,911,487	$5,457,511,832	$5,007,238,561	$8,988,672,926	179.5	$450,273,271	9.0	$8,538,399,655	156.5
Cereals					6,937,557,311	2,869,843,061	2,659,955,664	4,277,601,647	160.8	209,887,397	7.9	4,067,714,250	141.7
Corn	Bu.	$1.49533	$0.56365	165.3	3,507,797,102	1,322,228,493	1,433,553,919	2,069,243,183	143.8	−116,325,426	−8.1	2,185,568,609	165.3
Wheat	Bu.	2.19386	0.96236	128.0	2,074,078,801	909,818,238	657,656,801	1,416,422,000	215.4	252,161,437	38.3	1,164,260,563	128.0
Oats	Bu.	0.81053	0.41176	96.8	855,255,468	434,482,069	414,607,422	440,558,046	106.2	19,784,647	4.8	420,773,399	96.8
Barley	Bu.	1.31471	0.53338	146.5	160,427,255	65,085,573	92,458,571	67,968,684	73.5	−27,372,998	−29.6	95,341,682	146.5
Rye	Bu.	1.53855	0.69179	121.7	116,537,965	52,570,660	20,421,812	96,116,153	470.7	32,148,848	157.4	63,967,305	121.7
Buckwheat	Bu.	1.55356	0.62835	147.2	19,715,305	7,974,003	9,330,502	10,384,713	111.3	−1,356,589	−14.5	11,741,302	147.2
Kafir and milo	Bu.	1.25158	0.61469	103.6	90,221,046	44,310,515	10,816,940	79,404,106	734.1	33,493,575	309.6	45,910,531	103.6
Rice (rough)	Bu.	2.76098	0.73355	275.0	97,194,481	25,916,990	16,019,607	81,174,874	506.7	9,897,383	61.8	71,277,491	275.0
Mixed crops	Bu.	1.18026	0.53893	119.0	16,329,888	7,456,520	.....	16,329,888	.....	7,456,520	.....	8,873,368	119.0
Other grains and seeds					182,042,587	74,370,192	80,747,291	101,295,296	125.4	−6,377,099	−7.9	107,672,395	144.8
Dry edible beans	Bu.	4.38915	1.93504	126.8	61,795,225	27,243,608	21,771,482	40,023,743	183.8	5,472,126	25.1	34,551,617	126.8
Soy beans	Bu.	4.10218	1.22228	235.6	4,450,099	1,325,945	20,577	4,429,522	.....	1,305,368	.....	3,124,154	235.6
Other beans	Bu.	.....	.....	.....	125,198	51,524	9,091	116,107	.....	42,433	466.8	73,674	143.0
Dry peas	Bu.	3.62039	1.53784	135.4	20,790,541	8,831,240	10,963,739	9,826,802	89.6	−2,132,499	−19.5	11,959,301	135.4
Peanuts	Bu.	2.28604	0.94108	142.9	62,751,701	25,832,580	18,271,929	44,479,772	243.4	7,560,651	41.4	36,919,121	142.9
Flaxseed	Bu.	4.41306	1.48470	197.2	29,360,998	9,878,006	28,970,554	390,444	1.3	−19,092,548	−65.9	19,482,992	197.2
Minor seeds					2,768,825	1,207,289	739,919	2,028,906	274.2	467,370	63.2	1,561,536	129.3
Clover and grass seed					80,843,832	20,587,826	15,137,683	65,706,149	434.1	5,450,143	36.0	60,256,006	292.7
Clover and alfalfa seed	Bu.	27.10828	6.96351	289.3	55,416,726	14,235,315	8,976,062	46,439,764	517.3	5,258,353	58.6	41,181,411	289.3
Timothy seed	Bu.	5.28508	1.39606	278.6	13,673,913	3,611,981	4,018,951	9,654,962	240.2	−406,970	−10.1	10,061,932	278.6
Millet seed	Bu.	2.80940	0.83561	236.2	3,682,987	1,095,445	491,566	3,191,421	649.2	603,879	122.8	2,587,542	236.2
Other grass seed	Bu.	4.22700	0.86166	390.6	8,070,206	1,645,085	1,650,204	6,420,002	389.0	−5,119	−0.3	6,425,121	390.6
Hay and forage, excluding corn cut for forage					2,316,115,574	988,399,235	826,401,175	1,489,714,399	180.3	161,998,060	19.6	1,327,716,339	134.3
Sugar crops					162,439,060	58,965,936	59,252,644	103,186,416	174.1	−286,708	−0.5	103,473,124	175.5
Sugar cane	Ton.	16.78557	4.23315	296.5	59,499,467	15,005,158	26,415,952	33,083,515	125.2	−11,410,794	−43.2	44,494,309	296.5
Sorghum grown for sirup	Ton.	14.90556	5.78538	157.6	24,506,228	9,511,743	7,963,499	16,542,729	207.7	1,548,244	19.4	14,994,485	157.6
Sugar beets grown for sugar	Ton.	11.02077	5.04742	118.3	66,051,989	30,251,252	19,695,384	46,356,605	235.4	10,555,868	53.6	35,800,737	118.3
Maple sugar	Lb.	0.32461	0.09844	229.8	3,146,107	954,066	1,380,492	1,765,615	127.9	−426,426	−30.9	2,192,041	229.8
Maple sirup	Gal.	2.63282	0.92473	184.7	9,235,209	3,243,717	3,797,317	5,437,952	143.2	−553,600	−14.6	5,991,552	184.7
Miscellaneous crops					3,584,661,323	1,191,481,631	1,144,716,087	2,439,945,236	213.1	46,765,544	4.1	2,393,179,692	209.9
Potatoes (Irish or white)	Bu.	2.20172	0.42761	414.9	639,440,521	124,189,737	166,423,910	473,016,611	284.2	−42,234,173	−25.4	515,250,784	414.9
Sweet potatoes and yams	Bu.	1.59869	0.59814	167.3	124,844,475	46,709,897	35,429,176	89,415,299	252.4	11,280,721	31.8	78,134,578	167.3
Tobacco	Lb.	0.32342	0.09879	227.4	444,047,481	135,638,004	104,302,856	339,744,625	325.7	31,335,148	30.0	308,409,477	227.4
Cotton	Bale.	176.45085	66.07208	167.1	2,007,430,242	751,644,571	703,619,303	1,303,810,939	185.3	48,025,268	6.8	1,255,785,671	167.1
Cottonseed	Ton.	65.26977	22.73908	187.0	347,739,123	121,147,474	121,076,984	226,662,139	187.2	70,490	0.1	226,591,649	187.0
Sundry minor crops					21,159,481	12,151,948	13,863,858	7,295,623	52.6	−1,711,910	−12.3	9,007,533	74.1
Fruits and nuts					732,251,800	253,863,951	221,028,017	511,223,783	231.3	32,835,934	14.9	478,387,849	188.4
Small fruits					61,128,229	22,580,153	29,502,078	31,626,151	107.2	−6,921,925	−23.5	38,548,076	170.7
Orchard fruits					430,956,831	155,873,932	140,350,104	290,606,727	207.1	15,523,828	11.1	275,082,899	176.5
Grapes	Lb.	0.03798	0.00873	290.3	95,586,021	24,488,857	22,027,961	73,558,060	333.9	2,460,896	11.2	71,097,164	290.3
Subtropical fruits					114,866,323	39,875,667	24,700,200	90,166,123	365.0	15,175,467	61.4	74,990,656	188.1
Nuts					29,714,396	11,045,342	4,447,674	25,266,722	568.1	6,597,668	148.3	18,669,054	169.0

[1] A minus sign (−) denotes decrease. Per cent not shown when more than 1,000. [2] Due partly to increased production and partly to higher prices.
[3] Increase in value on basis of 1909 prices for 1919 crops. The percentages in this section represent the *net increase in production*.
[4] Excess of actual 1919 values over values computed for 1919 on basis of 1909 prices.

Price index for crops of 1919.—In Table 6 is presented another computation, the object of which is to show the index of the prices of all crops, and of the several groups of crops. In this computation are included all crops for which production was reported *both in 1919 and in 1909, the total value of the crops* included representing nearly 95 per cent of the value of all crops. The index is computed by dividing the actual value of the 1919 crops by the value of the 1919 production as computed on the basis of the 1909 prices. The index for all crops is 257, which figure is in agreement with the increase of 156.5 per cent in crop values on account of higher prices, which is shown in Table 5.

TABLE 6.—INDEX OF FARM PRICES OF CROPS IN 1919 ON BASIS OF 1909 PRICES.

CROP.	Quantity, 1919	Unit.	Value, 1919	AVERAGE VALUE PER UNIT.		Value of 1919 production on basis of 1909 prices.	Index (1909 price equals 100).
				1919	1909		
All crops with comparable prices			$13,984,026,617			$5,451,598,926	257
Cereals	4,667,150,634	Bu.	6,924,927,866			2,863,532,960	242
Corn	2,345,832,507	Bu.	3,507,797,102	$1.49533	$0.56365	1,322,228,493	265
Wheat	945,403,215	Bu.	2,074,078,801	2.19386	0.96236	909,818,238	228
Oats	1,055,182,798	Bu.	855,255,468	0.81053	0.41176	434,482,069	197
Barley	122,024,773	Bu.	160,427,255	1.31471	0.53338	65,085,573	246
Rye	75,992,223	Bu.	116,537,965	1.53355	0.69179	52,570,660	222
Buckwheat	12,690,384	Bu.	19,715,305	1.55356	0.62835	7,974,003	247
Emmer and spelt	2,607,868	Bu.	3,699,943	1.41876	0.43960	1,146,419	323
Kafir and milo	72,085,954	Bu.	90,221,046	1.25158	0.61469	44,310,515	204
Rice (rough)	35,330,912	Bu.	97,194,481	2.75098	0.73355	25,916,990	375
Other grains and seeds			182,042,587			74,370,192	245
Dry edible beans	14,079,093	Bu.	61,795,225	4.38915	1.93504	27,243,608	227
Soy beans	1,084,813	Bu.	4,450,099	4.10218	1.22228	1,325,945	336
Castor beans	428	Bu.	963	2.25000	1.65238	707	136
Horse beans	49,694	Bu.	124,235	2.50000	1.02259	50,817	244
Dry peas	5,742,626	Bu.	20,790,541	3.62039	1.53784	8,831,240	235
Peanuts	27,449,930	Bu.	62,751,701	2.28604	0.94108	25,832,580	243
Flaxseed	6,653,200	Bu.	29,360,998	4.41306	1.48470	9,878,006	297
Sorghum seed	1,507,716	Bu.	2,303,250	1.46918	0.65289	1,023,546	225
Sunflower seed	135,947	Bu.	331,708	2.43998	0.91584	124,506	266
Tobacco seed	117	Lbs.	1,404	12.00000	4.59897	538	261
Mustard seed	1,211,549	Lbs.	105,011	0.08750	0.03179	38,515	275
Hemp seed	2,724	Bu.	10,976	4.02937	3.69405	10,063	109
Broom-corn seed	4,688	Bu.	15,476	3.30119	2.15893	10,121	153
Clover and grass seeds	7,851,698	Bu.	80,843,832			20,587,826	393
Red clover seed	1,175,969	Bu.	34,768,946	29.56621	6.96351	14,235,315	244
Other clover and alfalfa seed	868,304		20,647,780	23.77944			
Timothy seed	2,587,268	Bu.	13,673,913	5.28508	1.39606	3,611,981	379
Millet seed	1,310,953	Bu.	3,682,987	2.80940	0.83561	1,095,445	336
Other grass seed	1,909,204	Bu.	8,070,206	4.22700	0.86166	1,645,085	491
Hay and forage, excluding corn cut for forage	128,549,499	Tons	2,316,115,574			988,399,235	234
Timothy alone	12,799,430	Tons	315,040,745	24.61365	10.45752	133,850,295	235
Timothy and clover mixed	25,341,786	Tons	594,671,677	23.46605	10.39577	263,447,379	226
Clover alone	4,147,050	Tons	100,249,755	24.17375	9.28795	38,517,593	260
Alfalfa	18,853,133	Tons	416,178,534	22.07477	7.85033	148,003,316	281
Other tame grasses	6,403,805	Tons	133,181,607	20.79726	9.72362	62,268,166	214
Wild, salt, or prairie grasses	15,631,288	Tons	226,502,614	14.49034	4.95149	77,398,166	293
Small grains and annual legumes cut for hay	7,179,048	Tons	167,324,192	23.30730	11.49297	82,508,584	203
Silage and miscellaneous forage crops	37,595,014	Tons	352,876,465	9.38626	4.77556	179,537,245	197
Root crops for forage	598,945	Tons	10,089,985	16.84626	4.78924	2,868,491	352
Sugar crops			162,439,060			58,965,936	275
Sugar cane	3,544,679	Tons	59,499,467	16.78557	4.23315	15,005,158	397
Sorghum grown for sirup	1,644,100	Tons	24,506,228	14.90556	5.78538	9,511,743	258
Sugar beets grown for sugar	5,993,409	Tons	66,051,989	11.02077	5.04742	30,251,252	218
Maple sugar	9,691,854	Lbs.	3,146,107	0.32461	0.09844	954,066	330
Maple sirup	3,507,745	Gals.	9,235,260	2.63282	0.92473	3,243,717	285
Miscellaneous crops			3,584,661,323			1,191,481,631	301
Potatoes (Irish or white)	290,427,580	Bu.	639,440,521	2.20172	0.42761	124,189,737	515
Sweet potatoes and yams	78,091,913	Bu.	124,844,475	1.59869	0.59814	46,709,897	267
Tobacco	1,372,993,261	Lbs.	444,047,481	0.32342	0.09879	135,638,004	327
Cotton	11,376,130	Bales	2,007,430,242	176.45985	66.07208	751,644,571	267
Cottonseed (estimated)	5,327,721	Tons	347,739,123	65.26977	22.73908	121,147,474	287
Broom corn	113,031,132	Lbs.	7,945,163	0.07029	0.06503	7,350,415	108
Hops	19,760,793	Lbs.	10,364,464	0.52450	0.19266	3,807,114	272
Hemp	7,148,215	Lbs.	1,175,037	0.16438	0.05515	394,224	298
Chicory	18,196,063	Lbs.	90,980	0.00500	0.00365	66,416	137
Mint (mint oil)	288,254	Lbs.	1,440,525	4.99742	1.60034	461,304	312
Teasels	16,140	Thousands	48,420	3.00000	0.88568	14,295	339
Willows	476	Tons	30,180	63.40336	51.54609	24,536	123
Chufas	16,636	Bu.	64,712	3.88988	2.02235	33,644	192
Small fruits	324,988,968	Qts.	61,732,161			22,892,178	270
Strawberries	176,931,550	Qts.	36,004,245	0.20349	0.07006	12,395,824	290
Raspberries and loganberries	61,333,509	Qts.	13,386,125	0.21825	0.08425	5,167,348	259
Blackberries and dewberries	39,945,078	Qts.	7,117,972	0.17819	0.07065	2,822,120	252
Cranberries	35,260,291	Qts.	3,197,979	0.09070	0.04591	1,618,800	198
Currants	7,614,817	Qts.	1,421,908	0.18673	0.07565	576,061	247
Other berries	3,903,723	Qts.	603,932	0.15471	0.07993	312,025	194
Orchard fruits	230,681,707	Bu.	431,097,974			155,959,102	276
Apples	136,560,997	Bu.	241,573,577	1.76898	0.57238	78,164,783	309
Peaches	50,686,082	Bu.	95,569,868	1.88552	0.81141	41,127,194	232
Pears	14,204,265	Bu.	26,439,735	1.86139	0.89479	12,709,834	208
Plums and prunes	19,083,942	Bu.	40,984,423	2.14759	0.66533	12,697,119	323
Cherries	3,945,749	Bu.	14,166,176	3.59024	1.75254	6,915,083	205
Apricots	6,130,086	Bu.	12,223,052	1.99394	0.69492	4,259,919	287
Quinces	70,586	Bu.	141,143	1.99959	1.20662	85,170	166

TABLE 6.—INDEX OF FARM PRICES OF CROPS IN 1919 ON BASIS OF 1909 PRICES—Continued.

CROP.	Quantity, 1919	Unit.	Value, 1919	AVERAGE VALUE PER UNIT. 1919	AVERAGE VALUE PER UNIT. 1909	Value of 1919 production on basis of 1909 prices.	Index (1909 price equals 100).
Grapes	2,516,840,387	Lbs.	$95,586,021	$0.03798	$0.00973	$24,488,857	390
Subtropical fruits			114,866,323			39,875,667	288
Oranges	27,757,953	Boxes	83,398,894	3.00450	0.90142	25,021,574	333
Lemons	6,585,269	Boxes	19,102,267	2.90076	1.08065	7,116,371	268
Grapefruit (pomeloes)	3,656,437	Boxes	7,176,703	1.96276	1.73270	6,335,508	113
Limes	27,861	Boxes	97,517	3.50013	1.10249	30,716	317
Tangerines	75,231	Boxes	263,819	3.50679	1.77462	133,506	198
Kumquats	2,307	Boxes	13,842	6.00000	2.54137	5,863	236
Citrons	2,002	Boxes	8,008	4.00000	1.50000	3,003	267
Figs	26,876,827	Lbs.	2,811,660	0.10461	0.02293	616,286	456
Pineapples	26,016	Crates	110,569	4.25004	0.94277	24,527	451
Olives	17,676,581	Lbs.	1,416,377	0.08013	0.02466	435,904	325
Alligator pears (avocados)	24,128	Crates	193,024	8.00000	2.05285	49,531	390
Bananas	6,405	Bunches	8,010	1.25059	0.56272	3,604	222
Guavas	295,309	Lbs.	10,304	0.03489	0.03284	9,698	106
Mangoes	5,263	Boxes	18,423	3.50048	1.08734	5,723	322
Loquats	4,328	Boxes	17,312	4.00000	1.29487	5,604	309
Japanese persimmons	29,429	Bu.	117,716	4.00000	1.35163	39,777	296
Pomegranates	1,029,757	Lbs.	61,786	0.06000	0.02750	28,318	218
Dates	189,509	Lbs.	40,092	0.21156	0.05358	10,154	395
Nuts			29,714,396			11,045,342	269
Pecans	31,808,548	Lbs.	7,792,086	0.24497	0.09823	3,124,554	249
Almonds	15,852,965	Lbs.	3,963,264	0.25000	0.10480	1,661,391	239
Walnuts (Persian or English)	59,840,407	Lbs.	17,916,158	0.29940	0.10430	6,241,354	287
Coconuts	612,680	Number	42,888	0.07000	0.02945	18,043	238

Exports of principal crops: 1920 and 1910.—Table 7 shows the quantities and values of the principal crops exported from the United States during the years ending June 30, 1920 and 1910, respectively.

Leading crops in each state, and states leading in each crop: 1919.—Tables 8 and 9 show, respectively, the three leading crops (on the basis of value) in each state, and the states leading in the production of each crop.

Tables for divisions and states.—Tables 10 to 15, inclusive, give detailed figures for all crops, by divisions and states.

TABLE 7.—EXPORTS OF PRINCIPAL CROPS FROM THE UNITED STATES DURING THE FISCAL YEARS ENDING JUNE 30, 1920 AND 1910.

CROP.	QUANTITY. Unit.	QUANTITY. 1920	QUANTITY. 1910	VALUE. 1920	VALUE. 1910
Corn	Bu.	14,467,926	36,802,374	$23,827,541	$25,427,993
Wheat	Bu.	122,430,724	46,679,876	306,163,023	47,806,598
Oats	Bu.	33,944,740	1,685,474	29,931,172	794,367
Barley	Bu.	26,571,284	4,311,566	41,338,517	3,052,527
Rye	Bu.	37,463,285	219,756	74,600,444	168,666
Buckwheat	Bu.	244,785	158,160	440,312	103,138
Rice	Lbs.	483,385,259	7,049,597	51,228,843	222,244
Hay	Tons	59,948	55,007	1,778,496	1,070,907
Tobacco (leaf)	Lbs.	632,795,586	353,372,672	271,946,489	38,017,260
Cotton	Bales	6,915,408	6,263,293	1,381,707,502	450,447,243

TABLE 8.—THE THREE LEADING CROPS, ON THE BASIS OF VALUE, IN EACH STATE: 1919.

STATE AND CROP.	ACREAGE. Amount.	ACREAGE. Per ct. of total crop acreage of state.	Production.	Unit.	VALUE. Amount.	VALUE. Per ct. of value of all crops in state.
Maine, all crops	1,529,941	100.0			$100,152,324	100.0
Potatoes (Irish or white)	111,378	7.3	25,531,470	Bu.	52,339,514	52.3
Hay and forage	1,245,699	81.4	1,326,289	Tons.	29,568,372	29.5
Apples			4,829,346	Bu.	6,278,151	6.3
New Hampshire, all crops	508,168	100.0			23,509,665	100.0
Hay and forage	465,303	91.6	606,713	Tons.	13,616,378	57.9
Potatoes (Irish or white)	13,334	2.6	1,341,978	Bu.	2,952,351	12.6
Apples			1,364,001	Bu.	2,250,602	9.6
Vermont, all crops	1,143,304	100.0			47,999,600	100.0
Hay and forage	991,757	86.7	1,748,358	Tons.	29,581,464	61.6
Potatoes (Irish or white)	24,182	2.1	2,277,387	Bu.	5,010,252	10.4
Maple sugar and sirup			[1] 1,413,391	Gals.	3,580,369	7.5
Massachusetts, all crops	560,647	100.0			53,700,925	100.0
Hay and forage	466,330	83.2	871,573	Tons.	20,149,137	37.5
Apples			3,187,211	Bu.	6,055,701	11.3
Tobacco	9,109	1.6	14,282,589	Lbs.	4,713,255	8.8
Rhode Island, all crops	61,733	100.0			5,340,378	100.0
Hay and forage	50,490	81.8	90,926	Tons.	2,319,136	43.4
Potatoes (Irish or white)	3,149	5.1	293,087	Bu.	674,100	12.6
Apples			334,308	Bu.	668,616	12.5
Connecticut, all crops	458,311	100.0			44,472,644	100.0
Tobacco	26,930	5.9	42,193,196	Lbs.	15,189,551	34.2
Hay and forage	354,150	77.3	664,773	Tons.	13,711,567	30.8
Corn	42,486	9.3	2,062,495	Bu.	3,815,615	8.6
New York, all crops	8,142,108	100.0			$417,046,864	100.0
Hay and forage	5,502,943	67.6	9,728,317	Tons.	169,494,524	40.6
Potatoes (Irish or white)	310,403	3.8	32,470,847	Bu.	69,812,321	16.7
Apples			14,350,317	Bu.	26,548,087	6.4
New Jersey, all crops	994,004	100.0			87,484,186	100.0
Potatoes (Irish or white)	82,533	8.3	10,319,306	Bu.	21,670,546	24.8
Corn	233,595	23.5	8,776,107	Bu.	14,480,577	16.6
Hay and forage	387,642	39.0	674,479	Tons.	14,017,095	16.0
Pennsylvania, all crops	7,871,483	100.0			409,968,877	100.0
Hay and forage	3,767,122	47.9	5,956,269	Tons.	115,341,367	28.1
Corn	1,346,404	17.1	61,450,012	Bu.	95,247,521	23.2
Wheat	1,424,951	18.1	23,453,978	Bu.	52,771,466	12.9
Ohio, all crops	11,780,554	100.0			607,037,562	100.0
Corn	3,563,352	30.2	149,844,626	Bu.	217,274,709	35.8
Hay and forage	4,917,259	41.7	7,661,890	Tons.	130,187,929	21.4
Wheat	2,922,592	24.8	58,124,351	Bu.	127,873,574	21.1
Indiana, all crops	11,849,165	100.0			497,229,719	100.0
Corn	4,457,400	37.6	158,603,938	Bu.	229,975,713	46.3
Wheat	2,798,657	23.6	45,207,862	Bu.	98,101,056	19.7
Hay and forage	3,303,056	27.9	5,133,742	Tons.	79,874,640	16.1
Illinois, all crops	20,370,027	100.0			864,737,833	100.0
Corn	7,908,385	38.8	285,346,031	Bu.	413,751,746	47.8
Wheat	4,103,035	20.1	70,890,917	Bu.	155,900,014	18.0
Hay and forage	4,013,476	19.7	7,063,254	Tons.	120,700,711	14.0

[1] In terms of sirup.

TABLE 8.—THE THREE LEADING CROPS, ON THE BASIS OF VALUE, IN EACH STATE: 1919—Continued.

STATE AND CROP.	ACREAGE. Amount.	ACREAGE. Per ct. of total crop acreage of state.	Production.	Unit.	VALUE. Amount.	VALUE. Per ct. of value of all crops in state.
Michigan, all crops	9,168,200	100.0			$404,014,810	100.0
Hay and forage	3,644,952	39.8	6,345,510	Tons.	105,280,992	26.1
Corn	1,269,155	13.8	45,088,912	Bu...	67,633,385	16.7
Potatoes (Irish or white)	280,538	3.1	23,929,560	Bu...	49,055,600	12.1
Wisconsin, all crops	9,589,971	100.0			445,347,868	100.0
Hay and forage	4,495,988	46.9	11,489,227	Tons.	164,993,480	37.0
Corn	1,150,783	12.0	44,547,398	Bu...	64,593,729	14.5
Potatoes (Irish or white)	294,424	3.1	26,376,021	Bu...	60,664,851	13.6
Minnesota, all crops	16,362,970	100.0			506,020,233	100.0
Hay and forage	5,029,397	30.7	9,291,671	Tons.	115,665,984	22.9
Corn	2,380,838	14.6	84,786,096	Bu...	110,221,931	21.8
Wheat	3,793,402	23.2	37,616,384	Bu...	88,398,508	17.5
Iowa, all crops	20,420,374	100.0			890,391,299	100.0
Corn	9,006,733	44.1	371,362,393	Bu...	501,339,232	56.3
Hay and forage	4,555,824	22.3	9,327,772	Tons.	146,959,888	16.5
Oats	5,484,113	26.9	187,045,705	Bu...	140,284,289	15.8
Missouri, all crops	15,418,596	100.0			559,047,854	100.0
Corn	5,567,079	36.1	146,342,036	Bu...	219,513,084	39.3
Wheat	4,564,900	29.6	65,210,462	Bu...	140,202,501	25.1
Hay and forage	4,206,473	27.3	5,687,127	Tons.	95,897,050	17.2
North Dakota, all crops	19,422,463	100.0			301,782,935	100.0
Wheat	9,098,042	46.8	61,540,404	Bu...	147,696,970	48.9
Hay and forage	4,035,803	20.8	3,765,377	Tons.	56,555,024	18.7
Oats	2,073,162	10.7	30,294,074	Bu...	24,235,260	8.0
South Dakota, all crops	14,654,036	100.0			311,006,809	100.0
Corn	2,756,234	18.8	69,060,782	Bu...	89,779,016	28.9
Hay and forage	5,071,747	34.6	4,996,846	Tons.	71,988,845	23.1
Wheat	3,891,468	26.6	31,086,995	Bu...	69,323,996	22.3
Nebraska, all crops	18,935,849	100.0			519,729,771	100.0
Corn	6,699,450	35.4	160,391,314	Bu...	216,528,274	41.7
Wheat	4,294,156	22.7	57,843,598	Bu...	124,363,735	23.9
Hay and forage	5,410,808	28.6	6,619,001	Tons.	96,965,224	18.7
Kansas, all crops	21,907,777	100.0			588,923,248	100.0
Wheat	11,266,664	51.4	148,475,729	Bu...	320,707,580	54.5
Hay and forage	5,000,066	22.8	8,504,534	Tons.	105,123,767	17.9
Corn	3,676,074	16.8	59,719,831	Bu...	86,593,760	14.7
Delaware, all crops	448,227	100.0			23,058,906	100.0
Corn	170,612	38.1	3,686,109	Bu...	5,897,774	25.6
Hay and forage	201,365	44.9	223,562	Tons.	4,366,174	18.9
Wheat	125,740	28.1	1,571,567	Bu...	3,457,447	15.0
Maryland, all crops	1,987,965	100.0			109,858,608	100.0
Corn	619,265	31.2	21,083,076	Bu...	32,678,769	29.7
Wheat	664,295	33.4	9,620,526	Bu...	21,357,568	19.4
Hay and forage	622,939	31.3	806,910	Tons.	16,245,825	14.8
Dist. Columbia, all crops	2,208	100.0			307,614	100.0
Potatoes (Irish or white)	265	12.0	19,799	Bu...	39,598	12.9
Hay and forage	805	36.5	2,410	Tons.	39,004	12.7
Corn	370	16.8	15,663	Bu...	25,844	8.4
Virginia, all crops	4,579,367	100.0			292,824,260	100.0
Corn	1,804,802	39.4	42,302,978	Bu...	78,260,514	26.7
Tobacco	225,504	4.9	102,391,226	Lbs..	48,123,877	16.4
Hay and forage	1,773,650	38.7	1,989,282	Tons.	41,847,594	14.3
West Virginia, all crops	1,891,316	100.0			96,537,459	100.0
Corn	568,219	30.0	17,010,357	Bu...	29,768,131	30.8
Hay and forage	910,550	48.1	1,099,679	Tons.	23,746,574	24.6
Wheat	298,036	15.8	3,747,812	Bu...	8,395,097	8.7
North Carolina, all crops	5,849,998	100.0			503,229,313	100.0
Cotton	1,373,701	23.5	858,406	Bales.	[1] 177,947,734	35.4
Tobacco	459,011	7.8	280,163,432	Lbs..	151,288,264	30.1
Corn	2,311,462	39.5	40,998,317	Bu...	79,946,722	15.9
South Carolina, all crops	5,396,660	100.0			437,121,837	100.0
Cotton	2,631,719	48.8	1,476,645	Bales.	[1] 310,392,768	71.0
Corn	1,753,813	32.5	27,472,013	Bu...	54,944,026	12.6
Tobacco	103,496	1.9	71,193,072	Lbs..	23,493,714	5.4
Georgia, all crops	10,468,834	100.0			540,613,626	100.0
Cotton	4,720,498	45.1	1,681,907	Bales.	[1] 356,506,928	65.9
Corn	4,269,455	40.8	51,492,033	Bu...	90,111,074	16.7
Hay and forage	1,248,814	11.9	608,597	Tons.	17,284,086	3.2
Florida, all crops	1,235,139	100.0			80,256,806	100.0
Oranges			5,930,422	Boxes	15,715,618	19.6
Corn	790,487	64.0	8,831,112	Bu...	14,129,774	17.6
Grapefruit (pomeloes)			3,158,431	Boxes	6,158,941	7.7
Kentucky, all crops	6,303,182	100.0			347,338,888	100.0
Corn	3,247,167	51.5	71,518,484	Bu...	125,157,359	36.0
Tobacco	634,038	10.1	506,150,592	Lbs..	116,414,639	33.5
Hay and forage	2,084,909	33.1	2,123,490	Tons.	43,399,964	12.5
Tennessee, all crops	6,786,187	100.0			$318,285,307	100.0
Corn	3,301,075	48.6	70,639,252	Bu...	127,150,649	39.9
Cotton	807,770	11.9	306,974	Bales.	[1] 58,346,576	18.3
Hay and forage	1,751,123	25.8	1,907,345	Tons.	49,649,657	15.6
Alabama, all crops	7,265,035	100.0			304,348,638	100.0
Cotton	2,628,154	36.2	718,163	Bales.	[1] 152,440,345	50.1
Corn	3,334,204	45.9	43,699,100	Bu...	80,843,335	26.6
Hay and forage	705,279	9.7	542,557	Tons.	13,938,036	4.6
Mississippi, all crops	6,359,385	100.0			336,207,156	100.0
Cotton	2,948,387	46.4	957,527	Bales.	[1] 212,361,911	63.2
Corn	2,657,009	41.8	38,095,228	Bu...	70,476,177	21.0
Hay and forage	483,544	7.6	585,254	Tons.	14,744,951	4.4
Arkansas, all crops	6,464,540	100.0			340,813,256	100.0
Cotton	2,553,811	39.5	869,350	Bales.	[1] 184,684,720	54.2
Corn	2,292,119	35.5	34,226,935	Bu...	61,608,482	18.1
Hay and forage	1,002,333	15.5	989,780	Tons.	22,760,223	6.7
Louisiana, all crops	3,923,925	100.0			206,182,548	100.0
Cotton	1,343,334	34.2	306,791	Bales.	[1] 60,187,569	29.2
Rice (rough)	456,959	11.6	16,011,667	Bu...	42,751,150	20.7
Corn	1,504,970	38.4	21,675,602	Bu...	36,848,526	17.9
Oklahoma, all crops	15,132,111	100.0			550,084,742	100.0
Cotton	2,732,962	18.1	1,006,242	Bales.	[1] 189,552,012	34.5
Wheat	4,702,280	31.1	65,761,843	Bu...	140,730,350	25.6
Corn	2,472,905	16.3	53,851,093	Bu...	72,698,979	13.2
Texas, all crops	25,027,773	100.0			1,071,542,103	100.0
Cotton	11,522,537	46.0	2,971,757	Bales.	[1] 596,437,009	55.7
Corn	4,748,655	19.0	108,377,282	Bu...	146,309,341	13.7
Wheat	2,414,903	9.6	36,427,255	Bu...	75,404,421	7.0
Montana, all crops	3,811,919	100.0			69,975,185	100.0
Hay and forage	1,675,472	44.0	1,382,946	Tons.	36,115,771	51.6
Wheat	1,698,531	44.6	7,799,647	Bu...	18,641,156	26.6
Potatoes (Irish or white)	22,178	0.6	1,659,017	Bu...	3,898,699	5.6
Idaho, all crops	2,706,212	100.0			126,495,111	100.0
Hay and forage	1,189,220	43.9	2,330,543	Tons.	50,802,765	40.2
Wheat	1,141,295	42.2	17,877,113	Bu...	36,648,087	29.0
Potatoes (Irish or white)	43,196	1.6	6,300,835	Bu...	13,546,798	10.7
Wyoming, all crops	1,153,624	100.0			30,270,630	100.0
Hay and forage	832,482	72.2	907,287	Tons.	20,612,504	68.1
Wheat	181,420	15.7	1,445,227	Bu...	3,121,693	10.3
Potatoes (Irish or white)	11,791	1.0	851,253	Bu...	2,000,443	6.6
Colorado, all crops	5,052,955	100.0			181,065,239	100.0
Hay and forage	2,215,730	43.9	3,580,123	Tons.	60,769,080	33.6
Wheat	1,328,616	26.3	18,260,663	Bu...	37,616,960	20.8
Potatoes (Irish or white)	77,337	1.5	8,874,783	Bu...	19,524,525	10.8
New Mexico, all crops	1,131,806	100.0			40,619,634	100.0
Hay and forage	436,547	38.6	693,807	Tons.	12,852,751	31.6
Corn	227,167	20.1	4,737,182	Bu...	7,105,781	17.5
Wheat	135,185	11.9	2,437,213	Bu...	4,874,426	12.0
Arizona, all crops	441,712	100.0			42,481,230	100.0
Cotton	106,283	24.1	59,351	Bales.	[1] 22,053,101	51.9
Hay and forage	197,498	44.7	494,686	Tons.	10,658,211	25.1
Wheat	37,131	8.4	835,374	Bu...	1,921,358	4.5
Utah, all crops	1,030,398	100.0			58,067,067	100.0
Hay and forage	549,967	53.4	1,031,609	Tons.	24,759,397	42.6
Sugar beets grown for sugar	93,359	9.1	930,427	Tons.	10,048,611	17.3
Wheat	268,457	26.1	4,100,979	Bu...	9,022,154	15.5
Nevada, all crops	389,280	100.0			13,980,303	100.0
Hay and forage	353,300	90.8	548,033	Tons.	10,964,159	78.4
Potatoes (Irish or white)	3,639	0.9	490,727	Bu...	1,099,228	7.9
Wheat	21,984	5.6	464,151	Bu...	1,067,550	7.6
Washington, all crops	4,001,620	100.0			227,212,008	100.0
Wheat	2,494,160	62.3	41,837,909	Bu...	91,206,642	40.1
Hay and forage	1,064,130	26.6	2,013,913	Tons.	47,717,065	21.0
Apples			21,568,691	Bu...	38,823,641	17.1
Oregon, all crops	2,803,016	100.0			131,884,639	100.0
Hay and forage	1,229,404	43.9	2,197,619	Tons.	41,835,706	31.7
Wheat	1,080,051	38.5	19,526,765	Bu...	41,201,480	31.2
Apples			6,921,284	Bu...	9,343,737	7.1
California, all crops	5,756,994	100.0			589,757,377	100.0
Hay and forage	2,202,853	38.3	4,494,940	Tons.	96,121,846	16.3
Oranges			21,628,444	Boxes	67,048,178	11.4
Grapes			2,055,044,612	Lbs..	65,780,628	11.2

[1] Includes value of cottonseed.

TABLE 9.—STATES LEADING IN THE PRODUCTION OF EACH CROP: 1919.

CROP AND STATE.	Acreage (or number of trees of bearing age).	Production.	Unit.	Value.	PER CENT OF UNITED STATES TOTAL FOR EACH CROP. Acreage (or trees).	Production.	Value.
	Trees.				*Trees.*		
Alligator pears (avocados), total.	39,687	24,128	Crates	$193,024	100.0	100.0	100.0
Florida	27,771	16,209	Crates	129,672	70.0	67.2	67.2
California	11,916	7,919	Crates	63,352	30.0	32.8	32.8
Almonds, total	2,431,115	15,852,965	Lbs.	3,963,264	100.0	100.0	100.0
California	2,408,040	15,699,748	Lbs.	3,924,940	99.1	99.0	99.0
Apples, total	115,309,165	136,560,997	Bu.	241,573,577	100.0	100.0	100.0
Washington	7,964,167	21,568,691	Bu.	38,823,641	6.9	15.8	16.1
New York	9,636,698	14,350,317	Bu.	26,548,087	8.4	10.5	11.0
Virginia	7,385,277	8,942,520	Bu.	14,308,026	6.4	6.5	5.9
California	3,128,386	7,842,017	Bu.	12,155,128	2.7	5.7	5.0
Arkansas	4,074,870	7,163,619	Bu.	10,745,448	3.5	5.2	4.4
Oregon	3,315,093	6,921,284	Bu.	9,343,737	2.9	5.1	3.9
Apricots, total	3,846,080	6,130,086	Bu.	12,223,052	100.0	100.0	100.0
California	3,688,217	5,907,645	Bu.	11,815,290	95.9	96.4	96.7
Bananas, total	.....	6,405	(1)	8,010	.....	100.0	100.0
Florida	.....	6,405	(1)	8,010	.....	100.0	100.0
	Acres.				*Acres.*		
Barley, total	6,472,888	122,024,773	Bu.	160,427,255	100.0	100.0	100.0
California	987,068	21,897,283	Bu.	35,035,654	15.2	17.9	21.8
Minnesota	814,381	14,849,069	Bu.	18,561,350	12.6	12.2	11.6
South Dakota	754,929	12,815,768	Bu.	15,378,922	11.7	10.5	9.6
Wisconsin	498,292	12,191,861	Bu.	16,459,014	7.7	10.0	10.3
North Dakota	1,085,329	12,052,881	Bu.	13,860,815	16.8	9.9	8.6
Kansas	425,033	8,324,783	Bu.	8,741,027	6.6	6.8	5.4
Beans (dry edible), total	1,161,682	14,079,093	Bu.	61,795,225	100.0	100.0	100.0
California	471,674	6,552,951	Bu.	30,798,869	40.6	46.5	49.8
Michigan	314,873	4,332,317	Bu.	17,329,268	27.1	30.8	28.0
New Mexico	112,419	850,334	Bu.	2,976,176	9.7	6.0	4.8
Blackberries and dewberries, total.	46,165	39,945,078	Qts.	7,117,972	100.0	100.0	100.0
Texas	5,629	6,287,333	Qts.	1,131,721	12.2	15.7	15.9
Washington	1,403	3,691,065	Qts.	664,392	3.0	9.2	9.3
Missouri	5,573	2,958,006	Qts.	502,859	12.1	7.4	7.1
California	1,742	2,549,082	Qts.	509,816	3.8	6.4	7.2
Michigan	2,165	2,452,909	Qts.	490,580	4.7	6.1	6.9
Oregon	1,354	2,139,110	Qts.	299,476	2.9	5.4	4.2
New Jersey	1,950	2,045,521	Qts.	368,193	4.2	5.1	5.2
Broom corn, total	337,806	113,031,132	Lbs.	7,945,163	100.0	100.0	100.0
Oklahoma	232,733	71,592,015	Lbs.	5,011,446	68.9	63.3	63.1
Texas	39,748	14,285,432	Lbs.	714,286	11.8	12.6	9.0
Illinois	16,409	9,244,739	Lbs.	1,109,364	4.9	8.2	14.0
Broom-corn seed, total	457	4,688	Bu.	15,476	100.0	100.0	100.0
Kansas	234	1,625	Bu.	4,875	51.2	34.7	31.5
Nebraska	93	1,229	Bu.	3,687	20.4	26.2	23.8
Oklahoma	87	815	Bu.	3,260	19.0	17.4	21.1
Illinois	10	463	Bu.	1,852	2.2	9.9	12.0
North Dakota	13	247	Bu.	741	2.8	5.3	4.8
Buckwheat, total	742,627	12,690,384	Bu.	19,715,305	100.0	100.0	100.0
Pennsylvania	249,654	4,755,739	Bu.	7,133,626	33.6	37.5	36.2
New York	217,946	3,901,481	Bu.	6,242,370	29.3	30.7	31.7
Ohio	30,413	640,662	Bu.	993,034	4.1	5.0	5.0
Cassava, total	123	783,702	Lbs.	3,918	100.0	100.0	100.0
California	123	783,702	Lbs.	3,918	100.0	100.0	100.0
Castor beans, total.	133	428	Bu.	963	100.0	100.0	100.0
Florida	129	389	Bu.	875	97.0	90.9	90.9
South Carolina	4	39	Bu.	88	3.0	9.1	9.1
	Trees.				*Trees.*		
Cherries, total	10,787,751	3,945,749	Bu.	14,166,176	100.0	100.0	100.0
California	657,470	653,700	Bu.	2,614,800	6.1	16.6	18.5
Michigan	1,076,748	360,952	Bu.	1,299,428	10.0	9.1	9.2
Oregon	395,073	303,893	Bu.	1,063,633	3.7	7.7	7.5
Washington	329,187	249,226	Bu.	971,985	3.1	6.3	6.9
Missouri	522,026	206,809	Bu.	744,512	4.8	5.2	5.3
	Acres.				*Acres.*		
Chicory, total	1,784	18,196,063	Lbs.	90,980	100.0	100.0	100.0
Michigan	1,784	18,196,063	Lbs.	90,980	100.0	100.0	100.0
Chufas, total	917	16,636	Bu.	64,712	100.0	100.0	100.0
Florida	706	12,810	Bu.	51,240	77.0	77.0	79.2
Georgia	105	1,625	Bu.	5,689	11.5	9.8	8.8
Alabama	47	848	Bu.	2,758	5.1	5.1	4.3
	Trees.				*Trees.*		
Citrons, total	1,504	2,002	Boxes	8,008	100.0	100.0	100.0
California	1,504	2,002	Boxes	8,008	100.0	100.0	100.0
Coconuts, total	30,758	612,680	No.	42,888	100.0	100.0	100.0
Florida	30,758	612,680	No.	42,888	100.0	100.0	100.0

CROP AND STATE.	Acreage (or number of trees of bearing age).	Production.	Unit.	Value.	PER CENT OF UNITED STATES TOTAL FOR EACH CROP. Acreage (or trees).	Production.	Value.
	Acres.				*Acres.*		
Corn, total	87,771,600	2,345,832,507	Bu.	$3,507,797,102	100.0	100.0	100.0
Iowa	9,006,733	371,362,393	Bu.	501,339,232	10.3	15.8	14.3
Illinois	7,908,385	285,346,031	Bu.	413,751,746	9.0	12.2	11.8
Nebraska	6,699,450	160,391,314	Bu.	216,528,274	7.6	6.8	6.2
Indiana	4,457,400	158,603,938	Bu.	229,975,713	5.1	6.8	6.6
Ohio	3,563,352	149,844,626	Bu.	217,274,709	4.1	6.4	6.2
Missouri	5,567,079	146,342,036	Bu.	219,513,084	6.3	6.2	6.3
Cotton, total	33,740,106	11,376,130	Bales.	2,007,430,242	100.0	100.0	100.0
Texas	11,522,537	2,971,757	Bales.	514,113,961	34.2	26.1	25.6
Georgia	4,720,498	1,681,907	Bales.	299,379,446	14.0	14.8	14.9
South Carolina	2,631,719	1,476,645	Bales.	259,889,520	7.8	13.0	12.9
Oklahoma	2,732,962	1,006,242	Bales.	163,011,204	8.1	8.8	8.1
Mississippi	2,948,387	957,527	Bales.	183,845,184	8.7	8.4	9.2
Arkansas	2,553,811	869,350	Bales.	159,960,400	7.6	7.6	8.0
North Carolina	1,373,701	858,406	Bales.	149,362,644	4.1	7.5	7.4
Alabama	2,628,154	718,163	Bales.	128,551,177	7.8	6.3	6.4
Cottonseed, total	.....	5,327,721	Tons.	347,739,123	.....	100.0	100.0
Texas	.....	1,444,264	Tons.	82,323,048	.....	27.1	23.7
Georgia	.....	771,993	Tons.	57,127,482	.....	14.5	16.4
South Carolina	.....	668,917	Tons.	50,503,248	.....	12.6	14.5
Oklahoma	.....	473,943	Tons.	26,540,808	.....	8.9	7.6
Mississippi	.....	449,082	Tons.	28,516,727	.....	8.4	8.2
Arkansas	.....	412,072	Tons.	24,724,320	.....	7.7	7.1
North Carolina	.....	386,285	Tons.	28,585,090	.....	7.3	8.2
Alabama	.....	331,794	Tons.	23,889,168	.....	6.2	6.9
Cranberries, total	16,804	35,260,291	Qts.	3,197,979	100.0	100.0	100.0
Massachusetts	7,096	23,918,103	Qts.	1,833,448	42.2	65.0	57.3
New Jersey	6,823	7,650,508	Qts.	770,691	40.6	21.7	24.1
Wisconsin	1,805	3,424,709	Qts.	410,966	10.7	9.7	12.9
Currants, total	7,379	7,614,817	Qts.	1,421,908	100.0	100.0	100.0
New York	2,671	3,321,583	Qts.	597,887	36.2	43.6	42.0
Michigan	629	636,481	Qts.	127,295	8.5	8.4	9.0
California	298	511,278	Qts.	97,147	4.0	6.7	6.8
Ohio	351	431,152	Qts.	86,231	4.8	5.7	6.1
	Trees.				*Trees.*		
Dates, total	18,203	189,509	Lbs.	40,092	100.0	100.0	100.0
California	17,299	144,992	Lbs.	28,998	95.0	76.5	72.3
Arizona	740	42,812	Lbs.	10,703	4.1	22.6	26.7
Emmer and spelt, total	*Acres.* 166,829	2,607,868	Bu.	3,699,943	*Acres.* 100.0	100.0	100.0
South Dakota	79,688	1,451,018	Bu.	1,886,327	47.8	55.6	51.0
North Dakota	49,662	513,865	Bu.	822,183	29.8	19.7	22.2
Minnesota	8,895	178,008	Bu.	249,210	5.3	6.8	6.7
Nebraska	11,251	160,485	Bu.	240,738	6.7	6.2	6.5
	Trees.				*Trees.*		
Figs, total	886,383	26,876,827	Lbs.	2,811,660	100.0	100.0	100.0
California	503,973	21,801,899	Lbs.	2,180,194	56.9	81.1	77.5
Louisiana	46,276	1,351,060	Lbs.	162,129	5.2	5.0	5.8
	Acres.				*Acres.*		
Flaxseed, total	1,260,687	6,653,200	Bu.	29,360,998	100.0	100.0	100.0
North Dakota	649,949	2,972,082	Bu.	13,225,765	51.6	44.7	45.0
Minnesota	288,240	2,019,464	Bu.	8,885,642	22.9	30.4	30.3
South Dakota	159,234	1,109,303	Bu.	4,880,931	12.6	16.7	16.6
Flower and vegetable seeds, total.	.....	.....	.....	8,010,128	.....	.....	100.0
California	.....	.....	.....	5,472,623	.....	.....	68.3
Washington	.....	.....	.....	1,774,103	.....	.....	22.1
Ginseng, total	54	18,561	Lbs.	129,927	100.0	100.0	100.0
Wisconsin	12	5,251	Lbs.	36,757	22.2	28.3	28.3
Michigan	10	4,595	Lbs.	32,165	18.5	24.8	24.8
Ohio	10	2,520	Lbs.	17,682	18.5	13.6	13.6
Minnesota	7	2,048	Lbs.	14,336	13.0	11.0	11.0
Illinois	2	1,700	Lbs.	11,900	3.7	9.2	9.2
Grapefruit (pomeloes), total	*Trees.* 1,938,453	3,656,437	Boxes	7,176,703	*Trees.* 100.0	100.0	100.0
Florida	1,681,481	3,158,431	Boxes	6,158,941	86.7	86.4	85.8
California	231,136	465,085	Boxes	930,170	11.9	12.7	13.0
Grapes, total	.....	2,516,840,387	Lbs.	95,586,021	.....	100.0	100.0
California	.....	2,055,644,612	Lbs.	65,780,628	.....	81.7	68.8
New York	.....	152,482,698	Lbs.	10,673,790	.....	6.1	11.2
Guavas, total	28,636	295,309	Lbs.	10,304	100.0	100.0	100.0
Florida	24,932	262,457	Lbs.	8,661	87.2	88.9	84.1
California	3,654	32,852	Lbs.	1,643	12.8	11.1	15.9
Hay and forage, total	*Acres.* 96,121,228	146,343,241	Tons.	2,523,050,224	*Acres.* 100.0	100.0	100.0
Wisconsin	4,495,988	11,489,227	Tons.	164,993,480	4.7	7.9	6.5
New York	5,502,943	9,728,317	Tons.	169,494,524	5.7	6.6	6.7
Iowa	4,555,824	9,327,772	Tons.	146,959,888	4.7	6.4	5.8
Minnesota	5,029,397	9,291,671	Tons.	115,665,984	5.2	6.3	4.6
Kansas	5,000,066	8,504,534	Tons.	105,123,767	5.2	5.8	4.2
Ohio	4,917,259	7,661,890	Tons.	130,187,929	5.1	5.2	5.2

[1] Bunches.

TABLE 9.—STATES LEADING IN THE PRODUCTION OF EACH CROP: 1919—Continued.

CROP AND STATE.	Acreage (or number of trees of bearing age).	Production.	Unit.	Value.	PER CENT OF UNITED STATES TOTAL FOR EACH CROP. Acreage (or trees).	Production.	Value.
	Acres.				*Acres.*		
Hemp, total	7,252	7,148,215	Lbs..	$1,175,037	100.0	100.0	100.0
Wisconsin	3,314	2,938,124	Lbs..	440,720	45.7	41.1	37.5
Ohio	1,574	2,172,652	Lbs..	434,531	21.7	30.4	37.0
Kentucky	721	583,121	Lbs..	81,638	9.9	8.2	6.9
North Dakota	373	396,266	Lbs..	59,440	5.1	5.5	5.1
Hemp seed, total	257	2,724	Bu...	10,976	100.0	100.0	100.0
Kentucky	239	2,487	Bu...	9,948	93.0	91.3	90.6
South Dakota	16	160	Bu...	720	6.2	5.9	6.6
Hops, total	15,954	19,760,793	Lbs..	10,364,464	100.0	100.0	100.0
California	8,118	12,610,056	Lbs..	6,557,229	50.9	63.8	63.3
Oregon	5,629	4,788,223	Lbs..	2,537,758	35.3	24.2	24.5
Washington	1,129	1,615,761	Lbs..	727,092	7.1	8.2	7.0
Horse beans, total	1,459	49,694	Bu...	124,235	100.0	100.0	100.0
California	1,459	49,694	Bu...	124,235	100.0	100.0	100.0
Kafir corn and milo maize, total	3,619,034	72,085,954	Bu...	90,221,046	100.0	100.0	100.0
Texas	1,482,663	36,456,343	Bu...	41,924,803	41.0	50.6	46.5
Oklahoma	1,152,430	17,901,096	Bu...	23,271,427	31.8	24.8	25.8
Kansas	521,432	7,252,377	Bu...	9,790,707	14.4	10.1	10.9
California	167,814	4,051,086	Bu...	6,886,848	4.6	5.6	7.6
New Mexico	151,685	3,783,617	Bu...	4,729,524	4.2	5.2	5.2
	Trees.				*Trees.*		
Kumquats, total	4,205	2,307	Boxes	13,842	100.0	100.0	100.0
Florida	1,249	1,637	Boxes	9,822	29.7	71.0	71.0
Alabama	2,956	670	Boxes	4,020	70.3	29.0	29.0
Lemons, total	2,921,608	6,585,269	Boxes	19,102,267	100.0	100.0	100.0
California	2,884,770	6,551,657	Boxes	18,999,810	98.7	99.5	99.5
Limes, total	115,744	27,861	Boxes	97,517	100.0	100.0	100.0
Florida	115,624	27,725	Boxes	97,040	99.9	99.5	99.5
	Acres.				*Acres.*		
Loganberries, total	3,978	12,123,062	Qts..	1,790,015	100.0	100.0	100.0
Oregon	2,755	10,198,011	Qts..	1,427,722	69.3	84.1	79.8
Washington	546	1,157,778	Qts..	208,402	13.7	9.6	11.6
California	459	655,592	Qts..	131,119	11.5	5.4	7.3
	Trees.				*Trees.*		
Loquats, total	3,296	4,328	Boxes	17,312	100.0	100.0	100.0
California	3,296	4,328	Boxes	17,312	100.0	100.0	100.0
Mangoes, total	6,179	5,263	Boxes	18,423	100.0	100.0	100.0
Florida	6,179	5,263	Boxes	18,423	100.0	100.0	100.0
Maple sirup, total	[1]17,457,144	3,507,745	Gals..	9,235,269	100.0	100.0	100.0
New York	4,826,924	1,080,505	Gals..	2,755,293	27.7	30.8	29.8
Ohio	2,269,199	694,175	Gals..	1,908,990	13.0	19.8	20.7
Vermont	5,955,513	631,924	Gals..	1,579,813	34.1	18.0	17.1
Pennsylvania	1,020,181	273,762	Gals..	711,782	5.8	7.8	7.7
Michigan	858,881	206,795	Gals..	580,962	4.9	5.9	6.3
Maple sugar, total	.....	9,691,854	Lbs..	3,146,107	.....	100.0	100.0
Vermont	.....	6,251,734	Lbs..	2,000,556	.....	64.5	63.6
New York	.....	2,012,932	Lbs..	644,141	.....	20.8	20.5
Pennsylvania	.....	535,954	Lbs..	176,867	.....	5.5	5.6
Millet seed, total	.....	1,310,953	Bu...	3,682,987	.....	100.0	100.0
Colorado	.....	421,765	Bu...	1,687,060	.....	32.2	45.8
Kansas	.....	209,732	Bu...	367,044	.....	16.0	10.0
North Dakota	.....	166,475	Bu...	332,950	.....	12.7	9.0
South Dakota	.....	111,007	Bu...	277,529	.....	8.5	7.5
Nebraska	.....	97,005	Bu...	194,010	.....	7.4	5.3
	Acres.				*Acres.*		
Mint (mint oil), total	11,210	288,254	Lbs..	1,440,525	100.0	100.0	100.0
Indiana	7,107	171,085	Lbs..	855,425	63.4	59.4	59.4
Michigan	3,878	113,135	Lbs..	565,675	34.6	39.2	39.3
Mixed crops, total	577,078	13,835,785	Bu...	16,329,888	100.0	100.0	100.0
Minnesota	193,864	4,579,897	Bu...	5,037,894	33.6	33.1	30.9
New York	123,477	2,891,561	Bu...	3,469,871	22.3	20.9	21.2
Wisconsin	95,302	2,588,513	Bu...	3,106,204	16.5	18.7	19.0
Iowa	45,573	1,356,200	Bu...	1,627,442	7.9	9.8	10.0
Mustard seed, total	2,885	1,211,549	Lbs..	106,011	100.0	100.0	100.0
California	2,828	1,182,934	Lbs..	94,635	98.0	97.6	89.3
Oats, total	37,991,002	1,055,182,798	Bu...	855,255,468	100.0	100.0	100.0
Iowa	5,484,113	187,045,705	Bu...	140,284,289	14.4	17.7	16.4
Illinois	4,291,066	129,104,668	Bu...	103,283,734	11.3	12.2	12.1
Minnesota	3,429,079	89,108,151	Bu...	66,831,124	9.0	8.4	7.8
Wisconsin	2,251,919	68,296,223	Bu...	58,051,788	5.9	6.5	6.8
Texas	1,802,933	63,989,423	Bu...	51,191,535	4.9	6.1	6.0
Nebraska	2,029,740	50,819,545	Bu...	44,864,671	5.3	5.7	5.2

CROP AND STATE.	Acreage (or number of trees of bearing age).	Production.	Unit.	Value.	PER CENT OF UNITED STATES TOTAL FOR EACH CROP. Acreage (or trees).	Production.	Value.
	Trees.				*Trees.*		
Olives, total	918,253	17,676,581	Lbs..	$1,416,377	100.0	100.0	100.0
California	910,890	17,564,020	Lbs..	1,405,121	99.2	99.4	99.2
Oranges, total	14,397,836	27,757,953	Boxes	83,398,894	100.0	100.0	100.0
California	10,297,593	21,628,444	Boxes	67,048,178	71.5	77.9	80.4
Florida	3,645,811	5,930,422	Boxes	15,715,618	25.3	21.4	18.8
	Acres.				*Acres.*		
Other berries, total	5,085	3,903,723	Qts..	603,932	100.0	100.0	100.0
Michigan	353	593,682	Qts..	89,052	6.9	15.2	14.7
Colorado	300	411,797	Qts..	41,184	5.9	10.5	6.8
Oregon	181	385,953	Qts..	42,454	3.6	9.9	7.0
Missouri	830	340,044	Qts..	51,016	16.3	8.7	8.4
New York	336	319,381	Qts..	70,260	6.6	8.2	11.6
Illinois	597	276,589	Qts..	41,495	11.7	7.1	6.9
Washington	158	218,673	Qts..	30,616	3.1	5.6	5.1
Other clover and alfalfa seed, total	.....	868,304	Bu...	20,647,780	.....	100.0	100.0
Ohio	.....	83,967	Bu...	2,351,076	.....	9.7	11.4
Wisconsin	.....	80,159	Bu...	2,284,548	.....	9.2	11.1
Utah	.....	61,095	Bu...	1,221,900	.....	7.0	5.9
South Dakota	.....	54,681	Bu...	1,230,337	.....	6.3	6.0
North Dakota	.....	54,066	Bu...	1,351,650	.....	6.2	6.5
Kansas	.....	44,726	Bu...	737,998	.....	5.2	3.6
Idaho	.....	44,640	Bu...	1,026,720	.....	5.1	5.0
Other grass seed, total	.....	1,909,204	Bu...	8,070,206	.....	100.0	100.0
Illinois	.....	765,927	Bu...	3,063,708	.....	40.1	38.0
Kentucky	.....	321,533	Bu...	964,599	.....	16.8	12.0
Texas	.....	264,390	Bu...	1,454,159	.....	13.8	18.0
Missouri	.....	137,887	Bu...	434,343	.....	7.2	5.4
	Trees.				*Trees.*		
Peaches, total	65,646,101	50,686,082	Bu...	95,569,868	100.0	100.0	100.0
California	9,057,760	15,969,073	Bu...	29,542,787	13.8	31.5	30.9
Georgia	8,655,051	4,788,718	Bu...	8,380,279	13.2	9.4	8.8
Texas	4,461,717	4,620,679	Bu...	7,393,091	6.8	9.1	7.7
Arkansas	3,342,387	3,340,823	Bu...	5,178,276	5.1	6.6	5.4
Oklahoma	2,879,945	2,924,842	Bu...	4,533,512	4.4	5.8	4.7
	Acres.				*Acres.*		
Peanuts, total	1,125,100	27,449,930	Bu...	62,751,701	100.0	100.0	100.0
Alabama	334,239	6,288,594	Bu...	13,206,050	29.7	22.9	21.0
Virginia	133,162	5,865,127	Bu...	13,196,543	11.8	21.4	21.0
North Carolina	125,766	5,854,689	Bu...	13,465,793	11.2	21.3	21.5
Georgia	201,786	3,826,505	Bu...	9,566,301	17.9	13.9	15.2
Texas	165,407	2,731,632	Bu...	6,419,340	14.7	10.0	10.2
	Trees.				*Trees.*		
Pears, total	14,647,412	14,204,265	Bu...	26,439,735	100.0	100.0	100.0
California	2,305,646	3,952,923	Bu...	7,115,261	15.7	27.8	26.9
New York	2,778,761	1,830,237	Bu...	4,026,521	19.0	12.9	15.2
Washington	866,634	1,728,759	Bu...	3,025,331	5.9	12.2	11.4
Oregon	727,444	761,063	Bu...	1,217,703	5.0	5.4	4.6
	Acres.				*Acres.*		
Peas (dry), total	865,670	5,742,626	Bu...	20,790,541	100.0	100.0	100.0
Wisconsin	58,554	781,668	Bu...	2,345,004	6.8	13.6	11.3
South Carolina	136,303	599,245	Bu...	2,426,944	15.7	10.4	11.7
Georgia	138,481	513,900	Bu...	2,107,366	16.0	9.0	10.1
Alabama	96,582	486,126	Bu...	1,750,050	11.2	8.5	8.4
Michigan	38,874	454,639	Bu...	1,363,917	4.5	7.9	6.6
Washington	30,832	442,620	Bu...	1,349,991	3.6	7.7	6.5
Colorado	27,798	295,751	Bu...	739,389	3.2	5.2	3.6
	Trees.				*Trees.*		
Pecans, total	2,672,191	31,808,548	Lbs..	7,792,086	100.0	100.0	100.0
Texas	1,045,694	16,755,421	Lbs..	3,686,191	39.1	52.7	47.3
Oklahoma	400,480	4,296,642	Lbs..	859,331	15.0	13.5	11.0
Georgia	444,722	2,544,377	Lbs..	890,535	16.6	8.0	11.4
Louisiana	94,513	2,242,859	Lbs..	672,862	3.5	7.1	8.6
Persimmons (Japanese), total	28,002	29,429	Bu...	117,716	100.0	100.0	100.0
California	13,847	21,452	Bu...	85,808	49.5	72.9	72.9
Florida	5,180	5,473	Bu...	21,892	18.5	18.6	18.6
Pineapples, total	.....	26,016	Crates	110,569	.....	100.0	100.0
Florida	.....	26,016	Crates	110,569	.....	100.0	100.0
Plums and prunes, total	20,452,293	19,083,942	Bu...	40,984,423	100.0	100.0	100.0
California	8,768,436	13,206,805	Bu...	28,381,734	42.9	69.2	69.3
Oregon	2,999,480	2,151,864	Bu...	4,734,103	14.7	11.3	11.6
Pomegranates, total	28,169	1,029,757	Lbs..	61,786	100.0	100.0	100.0
California	24,258	953,588	Lbs..	57,215	86.1	92.6	92.6

[1] Trees tapped.

TABLE 9.—STATES LEADING IN THE PRODUCTION OF EACH CROP: 1919—Continued.

CROP AND STATE.	Acreage (or number of trees of bearing age).	Production.	Unit.	Value.	PER CENT OF UNITED STATES TOTAL FOR EACH CROP. Acreage (or trees).	Production.	Value.
	Acres.				*Acres.*		
Potatoes, total	3,251,703	290,427,580	Bu.	$639,440,521	100.0	100.0	100.0
New York	310,403	32,470,847	Bu.	69,812,321	9.5	11.2	10.9
Minnesota	331,930	26,690,056	Bu.	57,383,621	10.2	9.2	9.0
Wisconsin	294,424	26,376,021	Bu.	60,664,851	9.1	9.1	9.5
Maine	111,378	25,531,470	Bu.	52,339,514	3.4	8.8	8.2
Michigan	280,538	23,929,560	Bu.	49,055,600	8.6	8.2	7.7
Pennsylvania	233,981	22,051,685	Bu.	47,411,127	7.2	7.6	7.4
Raspberries, total	50,278	49,210,447	Qts.	11,596,110	100.0	100.0	100.0
New York	10,344	11,632,591	Qts.	2,908,155	20.6	23.6	25.1
Michigan	9,786	7,652,580	Qts.	1,760,100	19.5	15.6	15.2
Washington	1,786	4,599,678	Qts.	1,057,928	3.6	9.3	9.1
Ohio	3,138	2,772,468	Qts.	609,942	6.2	5.6	5.3
Pennsylvania	2,770	2,565,716	Qts.	590,116	5.5	5.2	5.1
Red clover seed, total	.....	1,175,969	Bu.	34,768,946	.....	100.0	100.0
Wisconsin	.....	250,901	Bu.	7,401,596	.....	21.3	21.3
Illinois	.....	172,545	Bu.	5,090,103	.....	14.7	14.6
Iowa	.....	122,268	Bu.	3,668,040	.....	10.4	10.5
Indiana	.....	120,446	Bu.	3,492,939	.....	10.2	10.0
Minnesota	.....	109,348	Bu.	3,171,092	.....	9.3	9.1
Michigan	.....	101,228	Bu.	3,036,690	.....	8.6	8.7
Ohio	.....	89,957	Bu.	2,788,791	.....	7.6	8.0
Idaho	.....	62,862	Bu.	1,697,274	.....	5.3	4.9
Rice (rough), total	911,272	35,330,912	Bu.	97,194,481	100.0	100.0	100.0
Louisiana	456,959	16,011,667	Bu.	42,751,150	50.1	45.3	44.0
California	130,367	6,926,313	Bu.	20,432,627	14.3	19.6	21.0
Arkansas	143,211	6,797,126	Bu.	18,352,240	15.7	19.2	18.9
Texas	164,481	5,306,369	Bu.	14,857,832	18.0	15.0	15.3
Rye, total	7,679,005	75,992,223	Bu.	116,537,965	100.0	100.0	100.0
North Dakota	2,422,563	16,294,377	Bu.	23,626,848	31.5	21.4	20.3
Michigan	912,951	12,168,182	Bu.	18,252,291	11.9	16.0	15.7
Minnesota	649,609	8,362,940	Bu.	12,962,560	8.5	11.0	11.1
Wisconsin	529,063	6,672,383	Bu.	10,675,814	6.9	8.8	9.2
Indiana	350,908	4,432,091	Bu.	6,648,162	4.6	5.8	5.7
South Dakota	463,132	4,111,543	Bu.	5,961,741	6.0	5.4	5.1
Illinois	319,636	3,872,621	Bu.	6,002,566	4.2	5.1	5.2
	Trees.				*Trees.*		
Sapodillas, total	201	401	Boxes	1,404	100.0	100.0	100.0
Florida	201	401	Boxes	1,404	100.0	100.0	100.0
	Acres.				*Acres.*		
Sorghum, total	482,043	1,644,100	Tons.	24,506,228	100.0	100.0	100.0
Alabama	52,406	172,020	Tons.	2,550,769	10.9	10.5	10.4
Kentucky	49,968	154,963	Tons.	2,248,510	10.4	9.4	9.2
Tennessee	49,131	148,689	Tons.	2,070,674	10.2	9.0	8.4
Georgia	37,311	142,261	Tons.	2,002,189	7.7	8.7	8.2
Mississippi	38,752	139,100	Tons.	1,885,140	8.0	8.5	7.7
Texas	35,589	122,170	Tons.	1,773,671	7.4	7.4	7.2
Arkansas	41,424	120,416	Tons.	1,654,562	8.6	7.3	6.8
Missouri	33,771	115,690	Tons.	1,767,792	7.0	7.0	7.2
North Carolina	30,624	100,463	Tons.	1,467,880	6.4	6.1	6.0
Sorghum seed, total	106,963	1,567,716	Bu.	2,303,250	100.0	100.0	100.0
Kansas	62,967	936,688	Bu.	1,170,877	58.9	59.7	50.8
Oklahoma	19,187	237,009	Bu.	402,917	17.9	15.1	17.5
Texas	12,059	205,878	Bu.	339,707	11.3	13.1	14.7
Soy beans, total	112,826	1,084,813	Bu.	4,450,099	100.0	100.0	100.0
North Carolina	47,041	498,048	Bu.	1,743,194	41.7	45.9	39.2
Virginia	10,283	111,353	Bu.	517,794	9.1	10.3	11.6
Michigan	6,257	78,515	Bu.	384,726	5.5	7.2	8.6
Strawberries, total	119,395	176,931,550	Qts.	36,004,245	100.0	100.0	100.0
Tennessee	10,876	13,130,904	Qts.	2,363,560	9.1	7.4	6.6
Missouri	8,645	12,861,820	Qts.	2,700,975	7.2	7.3	7.5
Michigan	8,048	12,585,543	Qts.	2,265,400	6.7	7.1	6.3
Arkansas	8,324	11,463,971	Qts.	2,407,436	7.0	6.5	6.7
California	4,974	10,808,048	Qts.	2,161,612	4.2	6.1	6.0
Maryland	7,096	8,976,057	Qts.	1,615,691	5.9	5.1	4.5
	Trees.				*Trees.*		
Sugar apples, total	1,064	201	Boxes	704	100.0	100.0	100.0
Florida	1,064	201	Boxes	704	100.0	100.0	100.0
	Acres.				*Acres.*		
Sugar beets, total	636,434	5,993,409	Tons.	$66,051,989	100.0	100.0	100.0
Colorado	165,840	1,658,167	Tons.	17,410,759	26.1	27.7	26.4
Michigan	106,450	1,025,550	Tons.	11,793,830	16.7	17.1	17.9
Utah	93,359	930,427	Tons.	10,048,611	14.7	15.5	15.2
California	88,257	666,866	Tons.	8,669,258	13.9	11.1	13.1
Nebraska	54,486	554,646	Tons.	5,823,786	8.6	9.3	8.8
Ohio	33,561	365,415	Tons.	3,836,861	5.3	6.1	5.8
Sugar-beet seed, total	7,022	3,606,947	Lbs.	2,012,142	100.0	100.0	100.0
Colorado	1,810	1,599,285	Lbs.	799,643	25.8	44.3	39.7
Montana	1,713	978,302	Lbs.	586,981	24.4	27.1	29.2
Idaho	2,289	477,890	Lbs.	286,734	32.6	13.2	14.3
California	704	266,606	Lbs.	186,624	10.0	7.4	9.3
Sugar cane, total	372,938	3,544,679	Tons.	59,499,467	100.0	100.0	100.0
Louisiana	234,049	2,435,683	Tons.	34,600,667	62.8	68.7	58.2
Georgia	41,558	365,603	Tons.	8,472,338	11.1	10.3	14.2
Alabama	25,302	208,342	Tons.	4,228,902	6.8	5.9	7.1
Mississippi	25,256	186,283	Tons.	3,923,811	6.8	5.3	6.6
Florida	20,413	179,573	Tons.	4,134,458	5.5	5.1	6.9
Sunflower seed, total	6,614	135,947	Bu.	331,708	100.0	100.0	100.0
Missouri	3,879	80,161	Bu.	192,387	58.6	59.0	58.0
Illinois	1,509	29,679	Bu.	74,200	22.8	21.8	22.4
California	778	19,294	Bu.	48,235	11.8	14.2	14.5
Sweet potatoes and yams, total	803,727	78,091,913	Bu.	124,844,475	100.0	100.0	100.0
Georgia	110,033	10,132,016	Bu.	13,171,629	13.7	13.0	10.6
Alabama	90,868	8,095,404	Bu.	11,333,568	11.3	10.4	9.1
North Carolina	74,678	7,959,786	Bu.	11,939,707	9.3	10.2	9.6
Mississippi	69,394	6,550,500	Bu.	9,170,687	8.6	8.4	7.3
Virginia	42,889	5,981,348	Bu.	9,570,164	5.3	7.7	7.7
Texas	68,142	5,838,879	Bu.	10,509,980	8.5	7.5	8.4
South Carolina	60,325	5,369,611	Bu.	8,591,379	7.5	6.9	6.9
Louisiana	68,033	5,324,419	Bu.	8,785,292	8.5	6.8	7.0
Tennessee	39,645	4,452,883	Bu.	7,347,259	4.9	5.7	5.9
Arkansas	39,019	3,959,870	Bu.	6,533,789	4.9	5.1	5.2
	Trees.				*Trees.*		
Tangerines, total	41,310	75,231	Boxes	263,819	100.0	100.0	100.0
Florida	38,516	67,475	Boxes	236,170	93.2	89.7	89.5
California	2,475	6,658	Boxes	23,306	6.0	8.9	8.8
	Acres.				*Acres.*		
Teasels, total	78	16,140	(1)	48,420	100.0	100.0	100.0
New York	78	16,140	(1)	48,420	100.0	100.0	100.0
Timothy seed, total	.....	2,587,268	Bu.	13,673,913	.....	100.0	100.0
Iowa	.....	1,156,531	Bu.	5,898,314	.....	44.7	43.1
Missouri	.....	428,730	Bu.	2,250,841	.....	16.6	16.5
Minnesota	.....	358,962	Bu.	1,866,601	.....	13.9	13.7
Illinois	.....	218,668	Bu.	1,202,603	.....	8.5	8.8
Tobacco, total	1,864,080	1,372,993,261	Lbs.	444,047,481	100.0	100.0	100.0
Kentucky	634,038	506,150,592	Lbs.	116,414,639	34.0	36.9	26.2
North Carolina	459,011	280,163,432	Lbs.	151,288,264	24.6	20.4	34.1
Tennessee	138,561	112,367,567	Lbs.	24,720,869	7.4	8.2	5.6
Virginia	225,504	102,391,226	Lbs.	48,123,877	12.1	7.5	10.8
South Carolina	103,496	71,193,072	Lbs.	23,493,714	5.6	5.2	5.3
Tobacco seed, total	1	117	Lbs.	1,404	100.0	100.0	100.0
North Carolina	1	117	Lbs.	1,404	100.0	100.0	100.0
	Trees.				*Trees.*		
Walnuts (Persian or English), total	1,390,061	59,840,407	Lbs.	17,916,158	100.0	100.0	100.0
California	1,274,434	59,091,390	Lbs.	17,727,417	91.7	98.7	98.9
	Acres.				*Acres.*		
Wheat, total	73,099,421	945,403,215	Bu.	2,074,078,801	100.0	100.0	100.0
Kansas	11,266,664	148,475,729	Bu.	320,707,580	15.4	15.7	15.5
Illinois	4,103,035	70,890,917	Bu.	155,960,014	5.6	7.5	7.5
Oklahoma	4,702,280	65,761,843	Bu.	140,730,350	6.4	7.0	6.8
Missouri	4,564,990	65,210,462	Bu.	140,202,501	6.2	6.9	6.8
North Dakota	9,098,042	61,540,404	Bu.	147,696,970	12.4	6.5	7.1
Ohio	2,922,592	58,124,351	Bu.	127,873,574	4.0	6.1	6.2
Nebraska	4,294,156	57,843,598	Bu.	124,363,735	5.9	6.1	6.0
Willows, total	255	476	Tons.	30,180	100.0	100.0	100.0
New York	214	439	Tons.	26,340	83.9	92.2	87.3

[1] Thousands.

TABLE 10.—ACREAGE AND VALUE OF CROPS WITH ACREAGE REPORTS, AND VALUE OF ALL CROPS, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	ACREAGE OF CROPS WITH ACREAGE REPORTS.				VALUE OF CROPS WITH ACREAGE REPORTS.				VALUE OF ALL CROPS.			
	1919	1909	Increase.		1919	1909	Increase.		1919	1909	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States	**348,551,669**	**311,194,516**	**37,357,153**	**12.0**	**$13,638,197,008**	**$5,018,074,443**	**$8,620,122,565**	**171.8**	**$14,755,364,394**	**$5,231,850,683**	**$9,523,514,211**	**182.0**
GEOGRAPHIC DIVISIONS:												
New England	4,262,104	4,653,922	−391,818	−8.4	236,448,604	108,732,841	127,715,763	117.5	275,175,536	117,654,874	157,520,662	133.9
Middle Atlantic	17,007,595	17,309,074	−301,479	−1.7	803,111,155	343,269,476	459,841,679	134.0	914,499,927	379,123,636	535,376,291	141.2
East North Central	62,757,917	59,772,909	2,985,008	5.0	2,668,365,141	1,035,922,245	1,632,442,896	157.6	2,818,367,792	1,072,080,129	1,746,287,663	162.9
West North Central	127,122,665	114,671,661	12,451,004	10.9	3,564,387,251	1,397,033,548	2,167,353,703	155.1	3,676,902,149	1,419,131,769	2,257,770,380	159.1
South Atlantic	31,859,714	30,267,979	1,591,735	5.3	1,938,236,668	669,441,705	1,268,794,963	189.5	2,083,808,429	693,806,241	1,390,002,188	200.3
East South Central	26,713,789	25,767,143	946,646	3.7	1,233,470,382	507,314,125	726,156,257	143.1	1,306,179,989	519,800,422	786,379,567	151.3
West South Central	50,548,349	39,267,232	11,281,117	28.7	2,079,022,461	597,575,820	1,481,446,641	247.9	2,168,622,649	604,643,008	1,563,979,641	258.7
Mountain	15,717,906	8,857,098	6,860,808	77.5	520,634,460	151,010,287	369,624,173	244.8	562,954,399	159,918,622	403,035,777	252.0
Pacific	12,561,630	10,627,498	1,934,132	18.2	594,520,886	207,774,396	386,746,490	186.1	948,854,024	265,691,982	683,162,042	257.1
NEW ENGLAND:												
Maine	1,529,941	1,587,896	−57,955	−3.6	90,447,260	31,116,693	59,330,567	190.7	100,152,324	33,386,440	66,765,884	200.0
New Hampshire	508,168	592,976	−84,808	−14.3	18,797,763	11,193,657	7,604,106	67.9	23,509,665	12,112,260	11,397,405	94.1
Vermont	1,143,304	1,203,735	−60,431	−5.0	40,524,640	21,787,708	18,736,932	86.0	47,999,600	23,697,700	24,301,900	102.5
Massachusetts	560,647	652,094	−91,447	−14.0	43,478,240	24,000,893	19,477,347	81.2	53,700,925	26,191,705	27,509,220	105.0
Rhode Island	61,733	83,705	−21,972	−26.2	4,126,249	2,776,355	1,349,894	48.6	5,340,378	2,986,816	2,353,562	78.8
Connecticut	458,311	533,516	−75,205	−14.1	39,074,452	17,857,535	21,216,917	118.8	44,472,644	19,279,953	25,192,691	130.7
MIDDLE ATLANTIC:												
New York	8,142,108	8,376,072	−233,964	−2.8	354,988,170	166,575,783	188,412,387	113.1	417,046,864	190,002,693	227,044,171	119.5
New Jersey	994,004	1,111,300	−117,296	−10.6	76,284,458	33,464,392	42,820,066	128.0	87,484,186	35,648,849	51,835,337	145.4
Pennsylvania	7,871,483	7,821,702	49,781	0.6	371,838,527	143,229,301	228,609,226	159.6	400,968,877	153,472,094	256,496,783	167.1
EAST NORTH CENTRAL:												
Ohio	11,780,554	11,425,822	354,732	3.1	570,665,227	212,005,794	358,659,433	169.2	607,037,562	221,086,342	385,951,220	174.6
Indiana	11,849,165	11,329,049	520,116	4.6	479,774,238	191,771,114	288,003,124	150.2	497,229,719	196,869,691	300,360,028	152.6
Illinois	20,370,027	20,269,123	100,904	0.5	829,618,809	357,947,866	471,670,943	131.8	864,737,833	364,190,261	500,547,572	137.4
Michigan	9,168,200	8,194,842	973,358	11.9	368,163,868	140,189,462	227,974,406	162.6	404,014,810	152,102,869	251,911,941	165.6
Wisconsin	9,589,971	8,554,073	1,035,898	12.1	420,142,999	134,008,009	286,134,990	213.5	445,347,868	137,830,966	307,516,902	223.1
WEST NORTH CENTRAL:												
Minnesota	16,362,970	14,727,447	1,635,523	11.1	489,070,789	184,365,249	304,705,540	165.3	506,020,233	186,705,665	319,314,568	171.0
Iowa	20,420,374	20,371,134	49,240	0.2	863,013,259	302,987,728	560,025,531	184.8	890,391,299	309,376,240	581,015,059	187.8
Missouri	15,418,596	14,332,746	1,085,850	7.6	525,244,769	203,102,959	322,141,810	158.6	559,047,854	211,001,359	348,046,495	164.9
North Dakota	19,422,463	15,888,280	3,534,183	22.2	295,936,991	180,201,654	115,735,337	64.2	301,782,935	180,311,555	121,471,380	67.4
South Dakota	14,654,636	12,226,354	2,428,282	19.9	305,379,973	124,279,954	181,100,019	145.7	311,006,809	125,116,080	185,890,729	148.6
Nebraska	18,935,849	17,229,114	1,706,735	9.9	510,659,673	191,832,489	318,827,184	166.2	519,729,771	194,401,937	325,327,834	167.3
Kansas	21,907,777	19,896,586	2,011,191	10.1	575,081,797	210,263,515	364,818,282	173.5	588,923,248	212,218,933	376,704,315	177.5
SOUTH ATLANTIC:												
Delaware	448,227	438,296	9,931	2.3	20,366,640	8,379,053	11,987,587	143.1	23,058,906	8,650,192	14,408,714	166.6
Maryland	1,987,965	1,927,254	60,711	3.2	101,367,369	38,636,747	62,730,622	162.4	109,858,608	40,330,688	69,527,920	172.4
District of Columbia	2,208	2,742	−534	−19.5	261,749	238,337	23,412	9.8	307,614	242,582	65,032	26.8
Virginia	4,579,367	4,255,282	324,085	7.6	262,252,283	85,911,759	176,340,524	205.3	292,824,260	89,775,045	203,049,215	226.2
West Virginia	1,891,316	1,873,893	17,423	0.9	78,129,983	32,962,408	45,167,575	137.0	96,537,459	36,167,014	60,370,445	166.9
North Carolina	5,849,998	5,736,176	113,822	2.0	481,485,874	127,428,105	354,057,769	277.8	503,229,313	131,071,959	372,157,354	283.9
South Carolina	5,396,660	5,152,801	243,859	4.7	425,186,414	136,256,919	288,929,495	212.0	437,121,837	137,379,131	299,742,706	218.2
Georgia	10,468,834	9,660,737	808,097	8.4	515,056,531	213,825,377	301,231,154	140.9	540,613,626	216,971,974	323,641,652	149.2
Florida	1,235,139	1,220,798	14,341	1.2	54,129,825	25,803,000	28,326,825	109.8	80,256,806	33,217,656	47,039,150	141.6
EAST SOUTH CENTRAL:												
Kentucky	6,303,182	6,046,028	257,154	4.3	328,355,896	125,372,616	202,983,280	161.9	347,338,888	130,594,808	216,744,080	166.0
Tennessee	6,786,187	6,360,928	425,259	6.7	297,451,948	107,475,255	189,976,693	176.8	318,285,307	111,133,210	207,152,097	186.4
Alabama	7,265,035	7,202,040	62,995	0.9	287,135,779	135,515,382	151,620,397	111.9	304,348,638	137,540,733	166,807,905	121.3
Mississippi	6,359,385	6,158,147	201,238	3.3	320,526,759	138,950,872	181,575,887	130.7	336,207,156	140,531,671	195,675,485	139.2
WEST SOUTH CENTRAL:												
Arkansas	6,464,540	5,375,930	1,088,610	20.2	312,063,321	108,980,380	203,082,941	186.3	340,813,256	112,129,230	228,684,026	203.9
Louisiana	3,923,925	3,585,619	338,306	9.4	196,987,545	72,788,843	124,198,702	170.6	206,182,548	73,536,538	132,646,010	180.4
Oklahoma	15,132,111	11,920,773	3,211,338	26.9	531,759,411	130,238,187	401,521,224	308.3	550,084,742	131,522,220	418,562,522	318.2
Texas	25,027,773	18,384,910	6,642,863	36.1	1,038,212,184	285,568,410	752,643,774	263.6	1,071,542,103	287,455,020	784,087,083	272.8
MOUNTAIN:												
Montana	3,811,919	1,847,752	1,964,167	106.3	66,311,460	28,180,719	38,130,741	135.3	69,975,185	28,886,689	41,088,496	142.2
Idaho	2,706,212	1,637,931	1,068,281	65.2	113,561,245	31,820,979	81,740,266	256.9	126,495,111	32,880,915	93,614,196	284.7
Wyoming	1,153,624	786,644	366,980	46.7	29,233,036	9,777,870	19,455,166	199.0	30,270,630	9,903,071	20,367,559	205.7
Colorado	5,052,955	2,613,917	2,439,038	93.3	168,226,645	45,254,318	122,972,327	271.7	181,065,239	50,110,677	130,954,562	261.3
New Mexico	1,131,806	632,737	499,069	78.9	37,287,004	8,036,551	29,250,453	364.0	40,619,634	8,619,802	31,999,832	371.2
Arizona	441,712	190,958	250,754	131.3	40,118,635	4,943,226	35,175,409	711.6	42,481,230	5,434,664	37,046,566	681.7
Utah	1,030,398	754,773	275,625	36.5	52,281,459	17,218,700	35,062,759	203.6	58,067,067	18,204,379	39,862,688	219.0
Nevada	389,280	392,386	−3,106	−0.8	13,614,976	5,777,924	7,837,052	135.6	13,980,303	5,878,425	8,101,878	137.8
PACIFIC:												
Washington	4,001,620	3,429,591	572,029	16.7	173,336,176	69,725,354	103,610,822	148.6	227,212,008	74,101,381	153,110,627	206.6
Oregon	2,803,016	2,278,990	524,026	23.0	110,169,711	41,241,304	68,928,407	167.1	131,884,639	45,064,450	86,820,189	192.7
California	5,756,994	4,918,917	838,077	17.0	311,014,999	96,807,738	214,207,261	221.3	589,757,377	146,526,151	443,231,226	302.5

TABLE 11.—AVERAGE VALUE PER ACRE OF ALL CROPS WITH ACREAGE REPORTS, AND AVERAGE VALUE PER FARM OF ALL FARM CROPS, BY DIVISIONS AND STATES: 1919 AND 1909.

[All averages based on values shown in Table 10.]

DIVISION AND STATE.	AVERAGE VALUE PER ACRE OF CROPS WITH ACREAGE REPORTS.		AVERAGE VALUE PER FARM OF ALL FARM CROPS.	
	1919	1909	1919	1909
United States	$39.13	$16.13	$2,288	$822
GEOGRAPHIC DIVISIONS:				
New England	55.48	23.36	1,758	623
Middle Atlantic	47.22	19.83	2,151	809
East North Central	42.52	17.33	2,598	954
West North Central	28.04	12.18	3,352	1,279
South Atlantic	60.84	22.12	1,798	624
East South Central	46.17	19.69	1,242	499
West South Central	41.13	15.22	2,177	641
Mountain	33.12	17.05	2,306	872
Pacific	47.33	19.55	4,052	1,399
NEW ENGLAND:				
Maine	59.12	19.60	2,077	556
New Hampshire	36.99	13.88	1,146	448
Vermont	35.45	13.10	1,651	725
Massachusetts	77.55	36.81	1,678	709
Rhode Island	66.84	33.17	1,308	564
Connecticut	85.26	33.47	1,963	719
MIDDLE ATLANTIC:				
New York	43.60	19.89	2,159	881
New Jersey	76.74	30.11	2,945	1,065
Pennsylvania	47.24	18.31	2,027	700
EAST NORTH CENTRAL:				
Ohio	48.44	18.55	2,365	813
Indiana	40.49	16.93	2,424	914
Illinois	40.73	17.66	3,646	1,446
Michigan	40.16	17.11	2,057	735
Wisconsin	43.81	15.67	2,353	778
WEST NORTH CENTRAL:				
Minnesota	29.89	12.52	2,835	1,196
Iowa	42.26	14.87	4,172	1,425
Missouri	34.07	14.17	2,126	761
North Dakota	15.24	11.34	3,884	2,425
South Dakota	20.84	10.16	4,167	1,611
Nebraska	26.97	11.13	4,177	1,499
Kansas	26.25	10.57	3,563	1,193
SOUTH ATLANTIC:				
Delaware	45.44	19.12	2,274	798
Maryland	50.99	20.05	2,293	824
District of Columbia	118.55	86.92	1,503	1,118
Virginia	57.27	20.19	1,572	488
West Virginia	41.31	17.59	1,106	374
North Carolina	82.31	22.21	1,865	517
South Carolina	78.79	26.44	2,268	779
Georgia	49.20	22.13	1,740	746
Florida	43.83	21.14	1,436	664
EAST SOUTH CENTRAL:				
Kentucky	52.09	20.74	1,283	504
Tennessee	43.83	16.90	1,259	452
Alabama	39.52	18.82	1,188	523
Mississippi	50.40	22.56	1,236	512
WEST SOUTH CENTRAL:				
Arkansas	48.27	20.27	1,465	522
Louisiana	50.20	20.30	1,522	610
Oklahoma	35.14	10.93	2,865	692
Texas	41.48	15.53	2,457	688
MOUNTAIN:				
Montana	17.40	15.25	1,213	1,102
Idaho	41.96	19.43	3,002	1,067
Wyoming	25.34	12.43	1,922	901
Colorado	33.29	17.31	3,021	1,085
New Mexico	32.94	12.70	1,361	242
Arizona	90.83	25.89	4,259	589
Utah	50.74	22.81	2,263	840
Nevada	34.97	14.73	4,420	2,186
PACIFIC:				
Washington	43.32	20.33	3,428	1,319
Oregon	39.30	18.10	2,627	990
California	54.02	19.68	5,012	1,661

AVERAGE VALUE OF ALL FARM CROPS PER FARM, BY STATES: 1919 AND 1909.

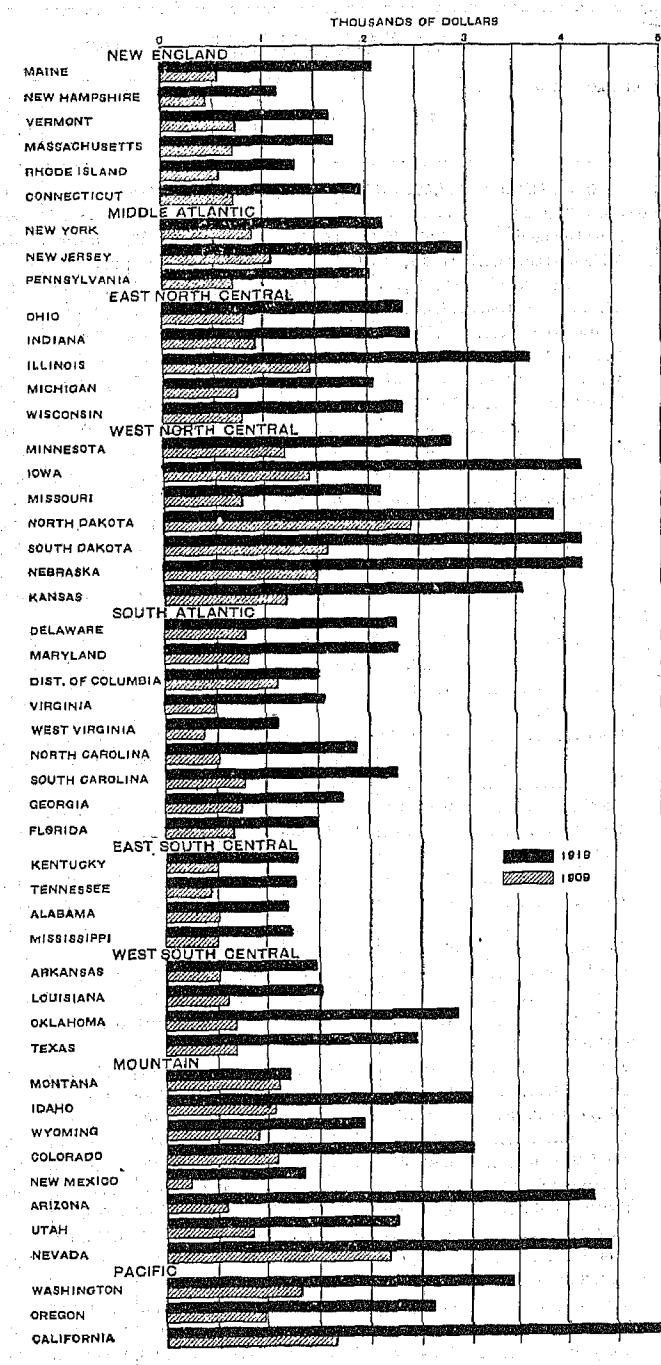


TABLE 12.—ACREAGE OF PRINCIPAL CROPS WITH ACREAGE

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100 or when per cent is more than 1,000.]

	Division and state.	Total area in crops with acreage reports (acres).			Corn.			Wheat.			Oats.			Other cereals.		
		1919	1909	Per cent of increase.	1919	1909	Per cent of increase.	1919	1909	Per cent of increase.	1919	1909	Per cent of increase.	1919	1909	Per cent of increase.
1	**United States**	**348,551,669**	**311,194,516**	**12.0**	**87,771,600**	**98,382,665**	**—10.8**	**73,099,421**	**44,262,592**	**65.1**	**37,991,002**	**35,159,441**	**8.1**	**20,168,733**	**13,591,265**	**48.4**
	Geog. divisions:															
2	New England	4,262,104	4,653,922	—8.4	117,347	182,065	—35.5	31,864	4,893	551.2	236,113	223,221	5.8	52,636	58,438	—9.9
3	Middle Atlantic	17,007,595	17,309,074	—1.7	1,900,324	2,158,554	—12.0	1,973,309	1,598,325	23.5	2,184,127	2,518,886	—13.3	1,171,880	1,154,405	1.5
4	E. North Central	62,757,917	59,772,909	5.0	18,349,075	21,910,191	—16.3	11,410,716	7,038,364	62.1	11,228,593	11,225,445	(2)	3,635,701	2,131,757	70.5
5	W. North Central	127,122,665	114,671,661	10.9	30,277,836	35,945,297	—15.8	38,346,465	25,863,556	48.3	17,978,166	15,710,495	14.4	8,823,556	6,186,395	42.6
6	South Atlantic	31,859,714	30,267,979	5.3	12,288,485	11,386,984	7.9	2,924,762	2,241,345	30.5	886,071	1,368,832	—35.3	304,398	285,579	6.6
7	E. South Central	26,713,789	25,767,143	3.7	12,539,455	11,328,268	10.7	1,564,887	1,315,243	19.0	530,367	870,762	—39.1	85,024	61,403	38.5
8	W. South Central	50,548,349	39,267,282	28.7	11,018,649	14,912,067	—26.1	7,374,160	1,556,087	373.9	3,642,748	1,276,534	185.4	3,652,577	1,723,524	111.9
9	Mountain	15,717,906	8,857,098	77.5	1,096,918	463,991	136.4	4,812,619	1,285,360	274.4	682,103	1,164,204	—41.4	880,831	441,119	99.7
10	Pacific	12,561,630	10,627,498	18.2	183,511	95,248	92.7	4,660,639	3,359,419	38.7	622,714	801,062	—22.3	1,562,130	1,548,645	0.9
	New England:															
11	Maine	1,529,941	1,587,896	—3.6	6,965	15,213	—54.2	14,464	3,407	324.5	116,691	120,991	—3.6	19,107	20,005	—4.5
12	New Hampshire	508,168	592,976	—14.3	10,433	19,814	—47.3	1,366	70	.....	14,688	10,860	35.2	2,334	2,184	6.9
13	Vermont	1,143,304	1,203,735	—5.0	21,186	42,887	—50.6	11,276	678	.....	83,097	71,510	16.2	18,062	19,536	—7.5
14	Massachusetts	560,647	652,094	—14.0	28,953	41,755	—30.7	1,876	109	.....	9,533	7,927	20.3	4,999	5,476	—8.7
15	Rhode Island	61,733	83,705	—26.2	7,324	9,679	—24.3	106	13	.....	1,215	1,726	—29.6	523	694	—24.6
16	Connecticut	458,311	533,516	—14.1	42,486	52,717	—19.4	2,776	616	350.6	10,889	10,207	6.7	7,611	10,543	—27.8
	Middle Atlantic:															
17	New York	8,142,108	8,376,072	—2.8	320,325	512,442	—37.5	463,461	280,130	60.3	937,553	1,302,508	—28.0	578,633	498,381	16.1
18	New Jersey	994,004	1,111,300	—10.6	233,595	265,441	—12.0	84,897	83,637	1.5	71,065	72,130	—1.5	83,514	82,443	1.3
19	Pennsylvania	7,871,483	7,821,702	0.6	1,346,404	1,380,671	—2.5	1,424,951	1,225,558	16.3	1,175,509	1,144,248	2.7	509,733	573,581	—11.1
	E. North Central:															
20	Ohio	11,780,554	11,425,822	3.1	3,563,352	3,916,050	—9.0	2,922,592	1,827,932	59.9	1,452,052	1,787,496	—18.8	262,788	118,395	122.6
21	Indiana	11,849,165	11,329,049	4.6	4,457,400	4,901,054	—9.1	2,798,657	2,082,835	34.4	1,718,748	1,667,818	3.1	434,505	101,025	330.1
22	Illinois	20,370,027	20,269,123	0.5	7,908,385	10,045,839	—21.3	4,103,035	2,185,091	87.8	4,291,066	4,176,485	2.7	505,811	129,042	292.0
23	Michigan	9,168,200	8,194,842	11.9	1,269,155	1,589,596	—20.2	1,056,687	802,137	31.7	1,514,808	1,429,076	6.0	1,273,445	594,820	114.1
24	Wisconsin	9,589,971	8,554,073	12.1	1,150,783	1,457,652	—21.1	529,745	140,369	277.4	2,251,919	2,164,570	4.0	1,159,152	1,188,475	—2.5
	W. North Central:															
25	Minnesota	16,362,970	14,727,447	11.1	2,380,838	2,004,068	18.8	3,793,402	3,276,911	15.8	3,429,079	2,977,258	15.2	1,692,784	1,881,613	—10.0
26	Iowa	20,420,374	20,371,134	0.2	9,006,733	9,229,378	—2.4	1,437,743	526,777	172.9	5,484,113	4,655,154	17.8	379,560	629,730	—39.7
27	Missouri	15,418,596	14,332,746	7.6	5,567,079	7,113,953	—21.7	4,564,990	2,017,128	126.3	1,707,055	1,073,325	59.0	130,906	51,070	156.3
28	North Dakota	19,422,463	15,888,280	22.2	191,428	185,122	3.4	9,098,042	8,188,782	11.1	2,073,162	2,147,032	—3.4	3,567,174	1,366,205	161.1
29	South Dakota	14,654,636	12,226,354	19.9	2,756,234	2,037,658	35.3	3,891,468	3,217,255	21.0	1,839,089	1,558,643	18.0	1,309,101	1,389,963	—5.8
30	Nebraska	18,935,849	17,229,114	9.9	6,699,450	7,266,057	—7.8	4,294,156	2,662,918	61.3	2,029,740	2,365,774	—14.2	601,843	245,300	145.3
31	Kansas	21,907,777	19,896,586	10.1	3,676,074	8,109,061	—54.7	11,266,664	5,973,785	88.6	1,415,928	933,309	51.7	1,142,188	622,514	83.5
	South Atlantic:															
32	Delaware	448,227	438,296	2.3	170,612	188,755	—9.6	125,740	111,215	13.1	4,736	4,226	12.1	15,902	5,092	212.3
33	Maryland	1,987,965	1,927,254	3.2	619,265	647,012	—4.3	664,295	589,893	12.6	48,891	49,210	—0.6	33,903	43,086	—21.3
34	Dist. of Columbia	2,208	2,742	—19.5	370	426	—13.1	18	.....	.....	14	13	.....	10	13	.....
35	Virginia	4,579,367	4,255,282	7.6	1,804,802	1,860,359	—3.0	990,506	692,907	42.9	135,842	204,455	—33.6	85,471	83,393	2.5
36	West Virginia	1,891,316	1,873,803	0.9	568,219	676,311	—16.0	298,036	209,315	42.4	169,915	103,758	63.8	52,387	49,547	5.7
37	North Carolina	5,849,998	5,736,176	2.0	2,311,462	2,459,457	—6.0	620,659	501,912	23.7	125,885	228,120	—44.8	75,885	61,381	23.6
38	South Carolina	5,396,660	5,152,801	4.7	1,753,813	1,565,832	12.0	84,621	43,028	96.7	196,056	324,180	—39.5	13,704	22,655	—39.5
39	Georgia	10,468,834	9,660,737	8.4	4,269,455	3,383,061	26.2	140,861	93,065	51.4	187,525	411,664	—54.4	23,119	18,913	22.2
40	Florida	1,235,139	1,220,798	1.2	790,487	605,771	30.5	26	10	.....	17,207	43,206	—60.2	4,017	1,499	168.0
	E. South Central:															
41	Kentucky	6,303,182	6,046,028	4.3	3,247,167	3,436,340	—5.5	839,987	681,323	23.3	229,464	174,315	31.6	42,020	31,724	32.5
42	Tennessee	6,786,187	6,360,928	6.7	3,301,075	3,146,348	4.9	684,497	619,861	10.4	162,417	342,086	—52.5	38,384	28,352	35.4
43	Alabama	7,265,035	7,202,040	0.9	3,334,204	2,572,968	29.6	34,017	13,665	148.9	85,398	257,276	—66.8	3,048	915	233.1
44	Mississippi	6,359,385	6,158,147	3.3	2,657,009	2,172,612	22.3	6,386	394	.....	53,088	97,085	—45.3	1,572	412	281.6
	W. South Central:															
45	Arkansas	6,464,540	5,375,930	20.2	2,292,119	2,277,116	0.7	256,211	60,426	324.0	173,317	197,449	—12.2	146,936	29,907	391.3
46	Louisiana	3,923,925	3,585,619	9.4	1,504,970	1,590,830	—5.4	766	65	.....	33,443	29,711	12.6	457,511	317,751	44.0
47	Oklahoma	15,132,111	11,920,773	26.9	2,472,905	5,914,069	—58.2	4,702,280	1,169,420	302.1	1,573,055	609,373	158.1	1,305,691	555,791	134.9
48	Texas	25,027,773	18,384,910	36.1	4,748,655	5,130,052	—7.4	2,414,903	326,176	640.4	1,862,933	440,001	323.4	1,742,439	820,075	112.5
	Mountain:															
49	Montana	3,811,919	1,847,752	106.3	18,717	9,514	96.7	1,698,531	258,377	557.4	191,096	333,195	—42.6	108,909	34,721	213.7
50	Idaho	2,706,212	1,637,931	65.2	23,277	9,194	153.2	1,141,295	399,234	185.9	141,507	302,783	—53.3	80,806	135,927	—40.6
51	Wyoming	1,153,624	786,644	46.7	38,575	9,268	316.2	181,420	41,968	332.3	58,622	124,035	—52.7	51,570	11,676	341.7
52	Colorado	5,052,955	2,613,917	93.3	752,637	326,559	130.5	1,328,616	340,729	289.9	174,189	275,948	—36.9	385,222	114,669	235.9
53	New Mexico	1,131,806	632,737	78.9	227,167	85,999	164.2	135,185	32,341	318.0	40,029	33,707	18.8	165,345	65,990	150.6
54	Arizona	441,712	190,958	131.3	22,150	15,605	41.9	37,131	20,028	85.4	11,862	5,867	102.2	55,753	33,769	65.1
55	Utah	1,030,398	754,773	36.5	13,848	7,267	90.6	268,457	178,423	50.5	61,825	80,816	—23.5	26,719	32,107	—16.8
56	Nevada	389,280	392,386	—0.8	547	585	—6.5	21,984	14,260	54.2	2,973	7,853	—62.1	6,507	12,260	—46.9
	Pacific:															
57	Washington	4,001,620	3,429,591	16.7	34,799	26,033	33.7	2,494,160	2,118,015	17.8	191,673	269,742	—28.9	130,278	177,792	—26.7
58	Oregon	2,803,016	2,278,990	23.0	31,972	17,280	85.0	1,080,051	763,187	41.5	284,152	339,162	—16.2	125,447	122,671	2.3
59	California	5,756,994	4,918,917	17.0	116,740	51,935	124.8	1,086,428	478,217	127.2	146,889	192,158	—23.6	1,306,405	1,248,182	4.7

[1] The figures for 1919 are exclusive of corn cut for forage. [2] Less than one-tenth of 1 per cent. [3] Less than 1 acre.

REPORTS, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100 or when per cent is more than 1,000.]

HAY AND FORAGE.			POTATOES (IRISH OR WHITE).			SWEET POTATOES AND YAMS.			TOBACCO.			COTTON.			ALL OTHER CROPS WITH ACREAGE REPORTS.			
1919 [1]	1909	Per cent of increase.	1919	1909	Per cent of increase.	1919	1909	Per cent of increase.	1919	1909	Per cent of increase.	1919	1909	Per cent of increase.	1919	1909	Per cent of increase.	
81,618,296	72,402,173	12.7	3,251,703	3,668,855	—11.4	803,727	641,255	25.3	1,864,080	1,294,911	44.0	33,740,106	32,043,838	5.3	8,243,001	9,747,521	—15.4	1
3,512,939	3,797,726	—7.5	191,901	233,095	—17.7	9	49	.....	36,225	21,745	66.6	.....	.....	.....	83,070	132,690	—37.4	2
8,703,171	8,533,162	2.0	626,917	729,323	—14.0	17,867	23,923	—25.3	45,413	45,852	—1.0	.....	.....	.....	384,587	546,644	—29.6	3
16,065,222	14,751,984	8.9	848,455	1,106,032	—23.3	14,018	13,300	5.4	140,572	171,973	—18.3	.....	.....	.....	1,065,565	1,423,863	—25.2	4
29,250,013	27,420,754	6.7	777,551	783,813	—0.8	19,048	15,381	23.8	5,056	5,709	—11.4	110,027	96,563	13.9	1,534,947	2,643,698	—41.9	5
3,583,742	2,861,125	25.3	273,591	239,762	14.1	337,152	295,879	13.9	857,155	487,411	75.9	8,883,512	9,002,776	—1.3	1,520,846	2,098,286	—27.5	6
3,607,172	2,507,960	43.8	102,332	119,541	—14.4	214,799	160,756	33.6	777,677	560,523	38.7	6,389,666	7,926,019	—19.4	902,410	916,668	—1.6	7
5,329,759	3,340,331	59.6	96,701	117,761	—17.9	191,929	126,407	51.8	1,279	1,683	—24.0	18,152,644	15,017,347	20.9	1,087,903	1,195,491	—9.0	8
7,121,112	4,971,647	43.2	175,763	169,678	3.6	1,263	439	187.7	2	11	.....	116,949	809	.....	830,346	359,840	130.8	9
4,445,166	4,217,484	5.4	158,492	169,850	—6.7	7,642	5,121	49.2	701	4	.....	87,308	324	.....	833,327	430,341	93.6	10
1,239,444	1,255,040	—1.2	111,378	135,799	—18.0	.....	.....	.....	(3)	(3)	.....	.....	.....	.....	21,892	37,441	—41.5	11
459,877	529,820	—13.2	13,334	17,370	—23.2	.....	.....	.....	108	79	.....	.....	.....	.....	6,028	12,779	—52.8	12
978,910	1,030,625	—5.0	24,182	26,859	—10.0	.....	1	.....	78	103	—24.3	.....	.....	.....	6,513	11,536	—43.5	13
449,064	519,580	—13.6	21,558	24,450	—11.9	.....	7	.....	9,109	5,521	65.0	.....	.....	.....	35,555	47,260	—24.8	14
46,902	61,330	—23.5	3,149	4,649	—32.3	(3)	(3)	.....	(3)	(3)	.....	.....	.....	.....	2,514	5,614	—55.2	15
338,742	401,331	—15.6	18,300	23,959	—23.6	9	41	.....	26,930	16,042	67.9	.....	.....	.....	10,568	18,060	—41.5	16
5,325,110	5,043,621	5.6	310,403	394,319	—21.3	16	113	—85.8	2,613	4,109	—36.4	.....	.....	.....	203,994	331,449	—38.5	17
311,237	401,351	—22.5	82,533	72,991	13.1	15,427	22,504	—31.4	1	1	.....	.....	.....	.....	111,735	110,802	0.8	18
3,066,824	3,088,190	—0.7	233,981	262,013	—10.7	2,424	1,306	85.6	42,799	41,742	2.5	.....	.....	.....	68,858	104,393	—34.0	19
3,258,082	3,306,619	—1.5	124,917	212,808	—41.3	2,584	1,143	126.1	75,789	106,477	—28.8	.....	.....	.....	118,398	148,902	—20.5	20
2,254,592	2,301,069	—2.0	62,192	99,504	—37.5	3,409	1,561	118.4	22,459	23,694	—5.2	.....	.....	.....	97,203	150,489	—35.4	21
3,342,191	3,349,639	—0.2	86,384	138,052	—37.4	8,003	10,568	—24.3	850	1,313	—35.3	.....	.....	.....	124,302	233,094	—46.7	22
3,226,921	2,715,447	18.8	280,538	365,483	—23.2	22	24	.....	9	31	.....	.....	.....	.....	546,615	698,228	—21.7	23
3,983,436	3,079,210	29.4	294,424	290,185	1.5	.....	4	.....	41,465	40,458	2.5	.....	.....	.....	179,047	193,150	—7.3	24
4,414,799	3,946,152	11.9	331,930	223,692	48.4	2	(3)	.....	455	150	203.3	.....	.....	.....	319,681	417,603	—23.4	25
3,901,952	5,047,435	—22.7	97,336	169,567	—42.6	3,236	2,274	42.3	43	81	.....	.....	.....	.....	109,658	110,738	—1.0	26
3,154,775	3,636,140	—13.2	66,051	96,259	—31.4	11,165	7,938	40.7	4,490	5,433	—17.4	110,027	96,527	14.0	102,058	234,973	—56.6	27
3,757,348	2,864,244	31.2	82,561	54,067	52.7	.....	(3)	.....	1	6	.....	.....	.....	.....	652,747	1,082,822	—39.7	28
4,635,886	3,435,907	34.9	58,180	50,052	16.2	5	7	.....	.....	(3)	.....	.....	.....	.....	164,673	536,869	—69.3	29
5,137,222	4,523,741	13.6	94,247	111,151	—15.2	274	279	—1.8	(3)	(3)	.....	.....	.....	.....	78,917	53,894	46.4	30
4,248,031	3,967,135	7.1	47,246	79,025	—40.2	4,366	4,883	—10.6	67	39	.....	.....	36	.....	107,213	206,799	—48.2	31
74,007	80,673	—8.3	8,255	9,703	—14.9	9,813	5,229	87.7	3	.....	.....	.....	.....	.....	39,159	33,403	17.2	32
403,255	398,892	1.1	46,837	39,299	19.2	10,185	7,956	28.0	28,550	26,072	9.5	.....	(3)	.....	132,784	125,834	5.5	33
667	962	—30.7	265	226	17.3	115	126	—8.7	.....	.....	.....	.....	.....	.....	749	976	—23.3	34
909,966	773,755	17.6	105,789	86,927	21.7	42,889	40,838	5.0	225,504	185,427	21.6	47,032	25,147	87.0	231,566	302,074	—23.3	35
727,841	708,900	2.7	34,526	42,621	—19.0	2,678	2,079	28.8	11,233	17,928	—37.3	.....	(3)	.....	26,481	63,434	—58.3	36
498,762	376,399	32.5	35,797	31,990	11.9	74,678	84,740	—11.9	459,011	221,890	106.9	1,373,701	1,274,404	7.8	274,158	495,883	—44.7	37
352,569	212,133	66.2	13,402	8,610	55.7	60,325	48,878	23.4	103,496	30,082	244.0	2,631,719	2,556,467	2.9	186,955	340,936	—45.2	38
519,970	254,648	104.2	11,195	11,877	—5.7	110,033	84,038	30.9	25,067	2,025	.....	4,720,498	4,883,304	—3.3	461,111	518,142	—11.0	39
96,705	54,763	76.6	17,525	8,509	106.0	26,436	21,995	20.2	4,291	3,987	7.6	110,562	263,454	—58.0	167,883	217,604	—22.8	40
1,153,458	976,038	18.2	50,069	55,750	—10.2	14,892	11,882	25.3	634,038	469,795	35.0	5,355	7,811	—31.4	86,732	201,050	—56.9	41
1,457,896	1,060,480	37.5	29,873	40,963	—27.1	39,645	26,216	51.2	138,561	90,468	53.2	807,770	787,516	2.6	126,069	218,638	—42.3	42
541,771	240,386	125.4	13,397	14,486	—7.5	90,868	66,613	36.4	3,435	211	.....	2,628,154	3,730,482	—29.5	530,743	305,038	74.0	43
454,047	231,056	96.5	8,993	8,342	7.8	69,394	56,045	23.8	1,643	49	.....	2,948,387	3,400,210	—13.3	158,866	191,942	—17.2	44
854,957	441,698	93.6	24,128	29,719	—18.8	39,019	22,388	74.3	622	758	—17.9	2,553,811	2,153,222	18.6	123,420	163,247	—24.4	45
202,721	181,110	11.9	19,677	19,655	0.1	68,033	56,953	19.5	516	519	—0.6	1,343,334	957,011	40.4	292,954	432,014	—32.2	46
2,000,334	1,360,411	47.0	25,633	32,295	—20.6	16,735	5,056	231.0	82	82	.....	2,732,962	1,976,935	38.2	302,434	297,341	1.7	47
2,271,747	1,357,112	67.4	27,263	36,092	—24.5	68,142	42,010	62.2	59	324	—81.8	11,522,537	9,930,179	16.0	369,095	302,880	21.9	48
1,614,335	1,135,483	42.2	22,178	20,710	7.1	.....	.....	.....	.....	3	.....	.....	.....	.....	158,153	55,749	183.7	49
1,181,015	732,914	61.1	43,196	28,341	52.4	.....	1	.....	.....	(3)	.....	.....	.....	.....	95,116	29,537	222.0	50
798,587	585,434	36.4	11,791	8,333	41.5	.....	(3)	.....	.....	.....	.....	.....	.....	.....	13,059	5,930	120.2	51
2,037,737	1,288,263	58.2	77,337	85,839	—9.9	[4] 334	21	.....	1	(3)	.....	.....	.....	.....	296,882	181,889	63.2	52
404,254	370,596	9.1	3,070	6,230	—50.7	605	211	186.7	1	7	.....	10,666	790	.....	145,484	36,866	294.6	53
188,821	102,988	83.3	2,505	1,151	117.6	317	200	58.5	(3)	1	.....	106,283	19	.....	16,890	11,330	49.1	54
543,329	405,428	34.0	12,047	14,210	—15.2	(3)	(3)	.....	.....	(3)	.....	.....	.....	.....	104,173	36,522	185.2	55
353,034	350,541	0.7	3,639	4,864	—25.2	7	6	.....	.....	.....	.....	.....	.....	.....	589	2,017	—70.8	56
1,039,405	742,741	39.9	55,132	57,897	—4.8	.....	5	.....	(3)	(3)	.....	.....	.....	.....	56,173	37,366	50.3	57
1,216,569	940,508	29.4	40,055	44,265	—9.5	10	5	.....	1	(3)	.....	.....	.....	.....	24,759	51,912	—52.3	58
2,189,192	2,534,235	—13.6	63,305	67,688	—6.5	7,632	5,111	49.3	700	4	.....	87,308	324	.....	752,395	341,063	120.6	59

[4] The acreage of sweet potatoes actually reported for Colorado in 1919 was 37, instead of 334, as shown in the table. The error was not discovered, however, until it was too late to make the correction in any of the totals affected.

TABLE 13.—VALUE OF PRINCIPAL CROPS,

	DIVISION AND STATE.	VALUE OF ALL FARM CROPS.		CORN.		WHEAT.		OATS.		OTHER CEREALS.	
		1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
1	United States	$14,755,364,894	$5,231,850,683	$3,507,797,102	$1,438,553,919	$2,074,078,801	$657,656,801	$855,255,468	$414,697,422	$504,125,883	$154,631,572
	GEOGRAPHIC DIVISIONS:										
2	New England	275,175,536	117,654,874	10,338,708	5,560,074	1,268,576	122,532	7,312,401	4,027,338	1,860,105	954,905
3	Middle Atlantic	914,499,927	379,123,636	134,419,211	45,434,191	76,415,411	31,665,041	49,263,771	33,111,736	30,507,997	13,035,683
4	East North Central	2,818,367,792	1,072,080,129	993,229,282	434,424,336	444,146,148	121,885,650	274,567,854	149,004,329	84,721,109	25,701,032
5	West North Central	3,676,902,149	1,419,131,769	1,229,402,933	503,264,949	935,172,662	363,923,162	375,935,127	162,647,073	142,911,416	60,077,295
6	South Atlantic	2,083,808,429	693,806,241	385,762,628	149,479,304	76,313,751	28,725,004	15,900,755	13,388,578	5,767,371	2,874,065
7	East South Central	1,306,179,989	519,800,422	403,627,520	150,975,613	38,086,974	15,851,025	7,533,992	6,535,286	1,481,725	470,987
8	West South Central	2,168,622,649	604,643,008	317,465,328	143,035,538	220,415,296	17,278,603	90,809,757	12,764,241	147,273,482	21,880,109
9	Mountain	562,954,399	159,918,622	24,668,717	4,587,706	112,913,384	25,930,395	14,952,017	19,673,773	19,374,964	6,588,061
10	Pacific	948,854,024	265,691,982	8,882,775	1,792,208	169,346,599	52,275,389	18,979,794	13,545,068	70,227,714	23,049,435
	NEW ENGLAND:										
11	Maine	100,152,324	33,386,440	504,495	434,834	613,785	91,554	3,780,648	2,293,947	717,579	280,567
12	New Hampshire	28,509,665	12,112,260	844,793	621,306	50,526	1,406	485,367	216,938	75,942	39,981
13	Vermont	47,999,600	23,697,700	1,687,275	1,102,222	404,808	14,279	2,396,349	1,169,223	683,326	366,153
14	Massachusetts	53,700,925	26,191,705	2,880,274	1,372,144	76,484	2,515	302,276	157,381	152,309	85,091
15	Rhode Island	5,340,378	2,986,816	606,256	335,629	5,232	211	37,958	28,661	16,299	11,596
16	Connecticut	44,472,644	19,279,953	3,815,615	1,693,939	117,741	12,567	309,803	161,188	214,650	171,517
	MIDDLE ATLANTIC:										
17	New York	417,046,864	190,002,693	24,691,113	11,439,169	20,556,621	7,175,523	21,595,461	17,977,155	15,681,644	6,508,141
18	New Jersey	87,484,186	35,648,849	14,480,577	6,664,162	3,087,324	1,568,880	1,403,453	712,609	1,931,505	852,286
19	Pennsylvania	409,968,877	153,472,094	95,247,521	27,330,860	52,771,466	22,920,638	26,264,857	14,421,972	12,894,848	5,675,256
	EAST NORTH CENTRAL:										
20	Ohio	607,037,562	221,086,342	217,274,709	82,327,269	127,873,574	31,112,975	39,795,590	23,212,352	6,890,482	1,255,338
21	Indiana	497,229,719	196,869,691	229,975,713	98,437,988	98,101,056	33,593,141	42,023,780	18,928,706	8,881,264	938,311
22	Illinois	864,737,833	364,190,261	413,751,746	198,350,496	155,960,014	38,000,712	103,283,734	59,693,819	11,757,936	1,478,071
23	Michigan	404,014,810	152,102,869	67,633,385	29,580,929	45,722,488	16,586,868	31,412,962	18,506,195	26,129,050	5,870,258
24	Wisconsin	445,347,868	137,830,966	64,593,729	25,727,654	16,489,016	2,591,954	58,051,788	28,663,257	31,062,377	16,159,054
	WEST NORTH CENTRAL:										
25	Minnesota	506,020,233	186,705,665	110,221,931	30,510,145	88,308,508	56,007,435	66,831,124	34,023,389	37,277,557	20,323,179
26	Iowa	890,391,299	309,376,240	501,339,232	167,622,834	44,479,372	7,703,205	140,284,289	49,046,888	9,919,953	5,832,388
27	Missouri	559,047,854	211,001,359	219,513,084	107,347,033	140,202,501	29,926,209	32,394,961	10,253,990	2,084,680	453,182
28	North Dakota	301,782,935	180,311,555	5,427,636	2,403,303	147,696,970	109,129,869	24,235,260	24,114,345	38,404,768	13,485,934
29	South Dakota	311,006,809	125,116,080	89,779,016	26,395,985	69,323,996	42,878,223	38,318,937	16,044,785	23,468,136	13,634,057
30	Nebraska	519,729,771	194,401,937	216,528,274	88,234,846	124,363,735	44,225,930	44,864,671	19,443,570	10,160,909	1,762,306
31	Kansas	588,923,248	212,218,933	86,593,760	80,750,803	320,707,580	74,052,291	29,005,885	9,720,106	21,595,413	4,586,249
	SOUTH ATLANTIC:										
32	Delaware	23,058,906	8,650,192	5,897,774	2,903,442	3,457,447	1,697,539	67,251	51,022	215,538	40,326
33	Maryland	109,858,608	40,330,688	32,678,769	11,015,298	21,357,568	9,876,480	1,028,845	584,395	780,603	432,557
34	District of Columbia	307,614	242,582	25,844	9,635	446	.....	315	165	353	135
35	Virginia	292,824,260	89,775,045	78,260,514	28,885,944	26,783,702	8,776,061	2,154,475	1,609,973	1,525,223	721,951
36	West Virginia	96,537,459	36,167,014	29,768,131	11,907,261	8,395,097	2,697,141	3,054,668	912,388	1,229,132	480,910
37	North Carolina	508,229,313	131,071,959	79,946,722	31,286,102	11,861,354	4,420,322	1,838,447	1,741,561	970,102	400,812
38	South Carolina	437,121,837	137,379,131	54,944,026	20,682,632	1,634,062	385,835	4,317,400	3,809,345	505,694	556,727
39	Georgia	540,613,626	216,971,974	90,111,074	37,079,981	2,823,527	871,494	3,172,680	4,236,625	408,913	216,919
40	Florida	80,256,806	33,217,656	14,129,774	5,709,009	548	132	266,674	443,104	131,813	23,728
	EAST SOUTH CENTRAL:										
41	Kentucky	347,338,888	130,594,808	125,157,359	50,449,112	22,929,042	8,812,469	2,931,018	1,216,187	775,321	260,883
42	Tennessee	318,285,307	111,133,210	127,150,649	45,819,093	14,506,174	6,913,335	2,534,082	2,378,464	587,252	191,386
43	Alabama	304,348,638	137,540,733	80,843,335	28,677,032	530,356	120,873	1,232,426	2,117,703	69,149	11,602
44	Mississippi	336,207,156	140,531,671	70,476,177	26,030,376	121,402	4,348	836,466	822,932	50,003	7,116
	WEST SOUTH CENTRAL:										
45	Arkansas	340,813,256	112,129,230	61,608,482	27,910,044	4,266,922	532,712	2,703,753	1,641,752	18,417,265	1,178,414
46	Louisiana	206,182,548	73,536,538	36,848,526	16,480,322	13,603	508	538,319	250,588	42,765,831	8,055,566
47	Oklahoma	550,084,742	131,522,220	72,698,979	48,080,554	140,730,350	13,854,322	36,376,150	7,172,267	26,424,042	2,691,519
48	Texas	1,071,542,103	287,455,020	146,309,341	50,564,618	75,404,421	2,891,061	51,191,535	3,699,634	59,666,344	9,954,610
	MOUNTAIN:										
49	Montana	69,975,185	28,886,689	270,998	185,367	18,641,156	5,329,389	2,583,908	6,148,021	936,044	588,568
50	Idaho	126,495,111	32,880,915	1,088,972	191,395	36,648,087	8,412,587	3,222,592	5,067,051	2,196,094	2,355,643
51	Wyoming	30,270,630	9,903,071	641,046	101,465	3,121,693	644,251	1,107,208	1,828,711	542,828	170,075
52	Colorado	181,065,239	50,110,677	14,147,875	2,673,584	37,616,960	6,463,926	4,308,752	4,177,267	7,306,627	1,472,742
53	New Mexico	40,619,634	8,619,802	7,105,781	984,052	4,874,426	508,726	1,139,580	459,306	5,100,617	430,912
54	Arizona	42,481,230	5,434,664	870,105	293,847	1,921,358	410,214	434,456	130,384	2,239,012	736,408
55	Utah	58,067,067	18,204,379	517,456	134,396	9,022,154	3,765,017	2,069,269	1,671,065	779,678	521,803
56	Nevada	13,980,303	5,878,425	26,484	23,600	1,067,550	396,285	86,252	191,968	274,064	311,910
	PACIFIC:										
57	Washington	227,212,008	74,101,381	1,623,433	404,367	91,206,642	35,102,370	8,073,481	5,870,857	3,982,705	3,384,544
58	Oregon	131,884,639	45,064,450	1,396,959	310,430	41,201,480	10,849,036	7,939,537	5,037,164	3,442,176	1,663,506
59	California	589,757,377	146,526,151	5,862,383	1,077,411	36,938,477	6,323,983	2,966,776	2,637,047	62,802,833	18,001,385

BY DIVISIONS AND STATES: 1919 AND 1909.

HAY AND FORAGE.		POTATOES (IRISH OR WHITE).		SWEET POTATOES AND YAMS.		TOBACCO.		COTTON (INCLUDING COTTONSEED).		ALL OTHER CROPS.		
1919 [1]	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	
$2,523,050,224	$826,401,175	$639,440,521	$166,423,910	$124,844,475	$35,429,176	$444,047,481	$104,302,856	$2,355,169,365	$824,696,287	$1,727,555,574	$609,057,565	1
108,946,054	59,127,293	68,958,572	17,456,938	780	4,543	19,985,748	5,670,002	.....	.....	56,504,592	24,731,249	2
298,852,986	130,633,652	138,893,994	37,202,509	4,006,904	1,638,902	10,878,055	4,328,854	.....	.....	171,260,698	81,983,068	3
601,127,752	184,753,410	144,724,922	37,427,211	2,346,756	751,929	29,956,148	15,082,892	.....	.....	243,547,821	103,049,340	4
689,155,782	211,707,417	113,474,008	30,088,015	3,643,524	1,095,724	1,530,947	713,321	12,513,445	3,979,009	173,162,305	81,635,804	5
136,785,277	37,968,322	60,286,602	14,091,735	52,638,171	16,146,222	239,022,462	32,843,156	854,052,822	303,105,181	257,278,590	95,184,674	6
121,732,608	30,114,955	16,108,988	5,940,784	30,602,493	9,116,510	142,122,166	45,518,710	423,723,410	204,290,666	121,160,113	50,955,880	7
153,240,510	30,881,211	14,080,043	5,439,504	29,333,551	6,265,750	266,266	114,452	1,030,861,310	313,291,792	164,877,106	53,691,808	8
227,534,638	66,531,763	44,260,285	8,715,380	275,384	52,596	430	778	23,440,943	16,863	95,533,637	27,821,307	9
185,674,617	74,683,152	38,653,107	9,971,834	1,996,912	357,000	284,359	685	10,577,435	12,776	444,230,712	90,004,435	10
20,568,372	15,118,195	52,339,514	10,224,714	.....	.....	224	10	.....	.....	12,627,707	4,942,619	11
13,616,378	7,847,148	2,952,351	1,204,626	.....	.....	40,554	18,404	.....	.....	5,443,754	2,162,451	12
29,581,464	16,335,892	5,010,252	1,743,049	.....	67	42,074	17,416	.....	.....	8,194,052	2,949,399	13
20,149,137	11,290,758	4,619,855	1,993,923	.....	433	4,713,255	1,218,060	.....	.....	20,807,335	10,071,400	14
2,319,136	1,309,757	674,100	408,429	22	8	90	164	.....	.....	1,681,285	892,361	15
13,711,567	7,225,543	3,362,500	1,882,197	758	4,035	15,189,551	4,415,948	.....	.....	7,750,459	3,713,019	16
169,494,524	77,373,333	69,812,321	20,338,766	3,520	7,394	804,949	402,517	.....	.....	94,406,711	48,780,695	17
14,017,095	7,630,037	21,670,546	4,979,900	3,634,301	1,527,074	154	221	.....	.....	27,259,231	11,713,680	18
115,341,367	45,630,282	47,411,127	11,973,843	369,083	104,434	10,073,852	3,926,116	.....	.....	49,594,756	21,488,693	19
130,187,929	42,362,114	17,657,811	9,377,955	528,225	104,181	13,528,302	8,998,887	.....	.....	53,300,940	22,335,271	20
79,874,640	24,902,395	6,068,734	3,816,126	479,015	139,886	4,688,064	2,145,193	.....	.....	27,137,453	13,967,945	21
120,790,711	40,566,162	11,277,926	6,401,598	1,337,690	506,760	198,202	80,389	.....	.....	46,379,874	19,112,254	22
105,280,992	36,049,801	49,055,600	9,913,778	1,826	905	1,648	3,390	.....	.....	78,776,859	35,590,745	23
164,993,480	40,872,938	60,664,851	7,917,754	.....	197	11,539,932	3,855,033	.....	.....	37,952,695	12,043,125	24
115,665,984	26,730,202	57,383,621	7,685,259	496	80	98,347	20,554	.....	.....	30,142,665	11,405,422	25
146,959,888	59,395,318	10,874,361	6,629,234	563,102	125,763	7,643	8,751	.....	.....	35,963,459	13,011,859	26
95,897,050	34,007,292	10,144,410	4,470,135	2,094,979	567,413	1,385,497	676,479	12,513,445	3,978,295	42,817,247	19,321,331	27
56,555,024	12,369,030	10,142,747	2,079,125	.....	54	521	530	.....	.....	19,320,009	16,729,365	28
71,988,845	15,247,570	7,157,983	1,967,550	666	861	.....	120	.....	.....	10,969,230	8,946,929	29
96,965,224	31,783,373	10,685,998	3,785,224	63,853	28,121	354	356	.....	.....	16,096,753	5,138,211	30
105,123,767	32,174,632	7,084,888	3,471,488	920,428	373,432	38,585	6,531	.....	714	17,852,942	7,082,687	31
4,366,174	1,174,695	950,953	453,400	2,634,237	276,679	534	.....	.....	.....	5,468,998	2,053,089	32
16,245,825	6,012,865	9,591,592	1,782,954	2,762,373	483,751	5,721,164	1,457,112	.....	23	19,691,869	8,685,253	33
39,004	25,633	39,598	20,231	25,354	13,287	.....	.....	.....	.....	176,700	173,496	34
41,847,594	10,263,458	26,979,423	5,667,557	9,570,164	2,681,472	48,123,877	12,169,086	5,186,943	822,267	52,392,345	18,177,276	35
23,746,574	7,493,106	6,461,619	2,278,638	498,107	170,086	2,731,338	1,923,180	.....	14	20,652,793	8,304,290	36
18,966,611	4,798,823	6,278,351	1,755,413	11,939,707	4,333,297	151,288,264	18,847,559	177,947,734	50,483,345	42,192,021	18,004,725	37
11,778,637	3,243,835	3,018,221	609,424	8,591,379	2,606,606	23,493,714	2,123,576	310,392,768	96,381,067	18,445,936	6,980,084	38
17,284,086	4,107,080	1,665,257	684,427	13,171,629	4,349,806	5,292,510	297,167	356,506,928	149,937,058	50,177,022	15,191,417	39
2,510,772	848,827	5,301,588	839,691	3,445,221	1,231,238	2,371,061	1,025,476	4,018,449	5,481,407	48,080,906	17,615,044	40
43,399,964	10,510,422	7,671,876	2,724,043	2,750,979	839,454	116,414,639	39,868,753	574,578	246,614	24,734,112	15,666,871	41
49,649,657	12,784,783	4,439,820	1,790,233	7,347,259	1,625,056	24,720,869	5,661,681	58,346,576	20,682,187	29,002,969	13,286,992	42
13,938,036	3,408,856	2,304,769	884,497	11,333,568	3,578,710	710,933	14,892	152,440,345	87,008,432	40,945,721	11,718,136	43
14,744,951	3,410,894	1,692,523	542,011	9,170,687	3,073,290	275,725	3,390	212,361,911	96,353,433	26,477,311	10,283,881	44
22,760,223	4,985,308	4,060,143	1,439,991	6,533,789	1,359,669	93,472	40,489	184,684,720	63,155,683	35,684,487	9,885,168	45
7,083,068	2,446,391	2,137,749	924,311	8,785,292	2,357,729	143,832	42,617	60,187,569	20,274,747	47,678,759	22,703,759	46
50,072,900	9,877,704	4,040,810	1,250,052	3,504,490	350,553	15,417	5,312	189,552,012	41,187,408	26,669,592	7,052,529	47
73,324,319	13,571,808	3,841,341	1,825,150	10,509,980	2,197,799	13,545	26,034	596,437,009	188,673,954	54,844,268	14,050,352	48
36,115,771	12,348,150	3,898,690	1,298,830	.....	.....	.....	55	.....	.....	7,528,618	2,988,309	49
50,802,765	12,101,239	13,546,798	1,583,447	.....	85	.....	61	.....	.....	18,989,803	3,169,407	50
20,612,504	6,079,923	2,000,443	524,489	.....	30	.....	.....	.....	.....	2,244,908	554,127	51
60,769,080	17,327,615	19,524,525	3,704,768	12,479	4,537	308	10	.....	.....	37,378,633	14,286,228	52
12,852,751	4,493,918	260,239	234,636	169,972	18,707	116	480	1,387,842	15,996	7,728,310	1,473,060	53
10,658,211	2,564,156	435,755	98,597	91,356	28,098	6	95	22,053,101	867	3,777,870	1,171,998	54
24,759,397	7,431,492	3,494,607	873,961	30	110	.....	68	.....	.....	17,424,476	3,806,467	55
10,964,159	4,185,270	1,099,228	396,652	1,547	1,029	.....	.....	.....	.....	461,019	371,711	56
47,717,065	17,200,252	12,320,093	2,993,737	.....	418	48	88	.....	.....	62,288,541	9,144,748	57
41,835,706	15,276,648	7,431,756	2,098,648	2,122	958	145	118	.....	.....	28,634,758	9,827,942	58
96,121,846	42,206,252	18,901,258	4,879,449	1,994,790	355,624	284,166	479	10,577,435	12,776	353,307,413	71,031,745	59

[1] The figures for 1919 include the value of corn cut for forage.

TABLE 14.—PERCENTAGE OF IMPROVED LAND OCCUPIED BY PRINCIPAL CROPS, BY DIVISIONS AND STATES: 1919 AND 1909.

[All percentages based on crop acreage shown in Table 12.]

DIVISION AND STATE.	CORN.		WHEAT.		OATS.		OTHER CEREALS.		HAY AND FORAGE.		POTATOES (IRISH OR WHITE).		SWEET POTATOES AND YAMS.		TOBACCO.		COTTON.		ALL OTHER CROPS.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919[1]	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
United States	17.4	20.6	14.5	9.3	7.6	7.3	4.0	2.8	16.2	15.1	0.6	0.8	0.2	0.1	0.4	0.3	6.7	6.7	1.6	2.0
GEOGRAPHIC DIVISIONS:																				
New England	1.9	2.5	0.5	0.1	3.9	3.1	0.9	0.8	57.5	52.3	3.1	3.2	(2)	(2)	0.6	0.3	.....	.....	1.4	1.8
Middle Atlantic	7.2	7.4	7.4	5.5	8.2	8.6	4.4	3.9	32.8	29.1	2.4	2.5	0.1	0.1	0.2	0.2	.....	.....	1.4	1.9
East North Central	20.9	24.6	13.0	7.9	12.8	12.6	4.1	2.4	18.3	16.6	1.0	1.2	(2)	(2)	0.2	0.2	.....	.....	1.2	1.6
West North Central	17.7	21.9	22.4	15.7	10.5	9.6	5.1	3.8	17.1	16.7	0.5	0.5	(2)	(2)	(2)	(2)	0.1	0.1	0.9	1.6
South Atlantic	25.3	23.5	6.0	4.6	1.8	2.8	0.6	0.6	7.4	5.9	0.6	0.5	0.7	0.6	1.8	1.0	18.3	18.6	3.1	4.3
East South Central	28.3	25.8	3.5	3.0	1.2	2.0	0.2	0.1	8.1	5.7	0.2	0.3	0.5	0.4	1.8	1.3	14.4	18.0	2.0	2.1
West South Central	17.2	25.6	11.5	2.7	5.7	2.2	5.7	3.0	8.3	5.7	0.2	0.2	0.3	0.2	(2)	(2)	28.3	25.8	1.7	2.1
Mountain	3.6	2.9	16.0	8.1	2.3	7.3	2.9	2.8	23.7	31.2	0.6	1.1	(2)	(2)	(2)	(2)	0.4	(2)	2.8	2.3
Pacific	0.8	0.4	19.5	15.2	2.6	3.6	6.5	7.0	18.6	19.1	0.7	0.8	(2)	(2)	(2)	(2)	0.4	(2)	3.5	2.0
NEW ENGLAND:																				
Maine	0.4	0.6	0.7	0.1	5.9	5.1	1.0	0.8	62.7	53.2	5.6	5.8	.....	.....	(2)	(2)	.....	.....	1.1	1.6
New Hampshire	1.5	2.1	0.2	(2)	2.1	1.2	0.3	0.2	65.4	57.0	1.9	1.9	.....	.....	(2)	(2)	.....	.....	0.9	1.4
Vermont	1.3	2.6	0.7	(2)	4.9	4.4	1.1	1.2	57.9	63.1	1.4	1.6	.....	(2)	(2)	(2)	.....	.....	0.4	0.7
Massachusetts	3.2	3.6	0.2	(2)	1.0	0.7	0.6	0.5	49.4	44.6	2.4	2.1	.....	(2)	1.0	0.5	.....	.....	3.9	4.1
Rhode Island	5.5	5.4	0.1	(2)	0.9	1.0	0.4	0.4	35.3	34.4	2.4	2.6	(2)	(2)	(2)	(2)	.....	.....	1.9	3.1
Connecticut	6.1	5.3	0.4	0.1	1.6	1.0	1.1	1.1	48.3	40.6	2.6	2.4	(2)	(2)	3.8	1.6	.....	.....	1.5	1.8
MIDDLE ATLANTIC:																				
New York	2.4	3.5	3.5	1.9	7.1	8.8	4.4	3.4	40.5	34.0	2.4	2.7	(2)	(2)	(2)	(2)	.....	.....	1.6	2.2
New Jersey	15.0	14.7	5.5	4.6	4.6	4.0	5.4	4.6	20.0	22.3	5.3	4.0	1.0	1.2	(2)	(2)	.....	.....	7.2	6.1
Pennsylvania	11.4	10.9	12.0	9.7	9.9	9.0	4.3	4.5	25.9	24.4	2.0	2.1	(2)	(2)	0.4	0.3	.....	.....	0.6	0.8
EAST NORTH CENTRAL:																				
Ohio	19.2	20.4	15.8	9.5	7.8	9.3	1.4	0.6	17.6	17.2	0.7	1.1	(2)	(2)	0.4	0.6	.....	.....	0.6	0.8
Indiana	26.7	28.9	16.8	12.3	10.3	9.9	2.6	0.6	13.5	13.6	0.4	0.6	(2)	(2)	0.1	0.1	.....	.....	0.6	0.9
Illinois	29.0	35.8	15.0	7.8	15.7	14.9	1.9	0.5	12.2	11.9	0.3	0.5	(2)	(2)	(2)	(2)	.....	.....	0.5	0.8
Michigan	9.8	12.4	8.2	6.3	11.7	11.1	9.9	4.6	25.0	21.2	2.2	2.8	(2)	(2)	(2)	(2)	.....	.....	4.2	5.4
Wisconsin	9.2	12.2	4.3	1.2	18.1	18.2	9.3	10.0	32.0	25.9	2.4	2.4	.....	(2)	0.3	0.3	.....	.....	1.4	1.6
WEST NORTH CENTRAL:																				
Minnesota	11.1	10.2	17.7	16.7	16.0	15.2	7.9	9.6	20.6	20.1	1.5	1.1	(2)	(2)	(2)	(2)	.....	.....	1.5	2.1
Iowa	31.5	31.3	5.0	1.8	19.2	15.8	1.3	2.1	13.6	17.1	0.3	0.6	(2)	(2)	(2)	(2)	.....	.....	0.4	0.4
Missouri	22.4	28.9	18.4	8.2	6.9	4.4	0.5	0.2	12.7	14.8	0.3	0.4	(2)	(2)	(2)	(2)	0.4	0.4	0.4	1.0
North Dakota	0.8	0.9	37.0	40.0	8.4	10.5	14.5	6.7	15.3	14.0	0.3	0.3	.....	(2)	(2)	(2)	.....	.....	2.7	5.3
South Dakota	15.1	12.9	21.4	20.3	10.1	9.8	7.2	8.8	25.5	21.7	0.3	0.3	(2)	(2)	.....	(2)	.....	.....	0.9	3.4
Nebraska	20.0	29.8	18.6	10.9	8.8	9.7	2.6	1.0	22.2	18.6	0.4	0.5	(2)	(2)	(2)	(2)	.....	.....	0.3	0.2
Kansas	12.0	27.1	36.8	20.0	4.6	3.1	3.7	2.1	13.9	13.3	0.2	0.3	(2)	(2)	(2)	(2)	.....	(2)	0.4	0.7
SOUTH ATLANTIC:																				
Delaware	26.1	26.5	19.3	15.6	0.7	0.6	2.4	0.7	11.3	11.3	1.3	1.4	1.5	0.7	(2)	.....	.....	.....	6.0	4.7
Maryland	19.7	19.3	21.2	17.6	1.6	1.5	1.1	1.3	12.9	11.9	1.5	1.2	0.3	0.2	0.9	0.8	.....	(2)	4.2	3.8
District of Columbia	8.7	8.3	0.4	.....	0.3	0.3	0.2	0.3	15.7	18.7	6.2	4.4	2.7	2.5	.....	.....	.....	.....	17.6	19.0
Virginia	19.1	18.8	10.5	7.0	1.4	2.1	0.9	0.8	9.6	7.8	1.1	0.9	0.5	0.4	2.4	1.9	0.5	0.3	2.4	3.1
West Virginia	10.3	12.2	5.4	3.8	3.1	1.9	0.9	0.9	13.2	12.8	0.6	0.8	(2)	(2)	0.2	0.3	.....	(2)	0.5	1.1
North Carolina	28.2	27.9	7.6	5.7	1.5	2.6	0.9	0.7	6.1	4.3	0.4	0.4	0.9	1.0	5.6	2.5	16.8	14.5	3.3	5.6
South Carolina	28.4	25.7	1.4	0.7	3.2	5.3	0.2	0.4	5.7	3.5	0.2	0.1	1.0	0.8	1.7	0.5	42.6	41.9	3.0	5.6
Georgia	32.7	27.5	1.1	0.8	1.4	3.3	0.2	0.2	4.0	2.1	0.1	0.1	0.8	0.7	0.2	(2)	36.2	39.7	3.5	4.2
Florida	34.4	33.6	(2)	(2)	0.7	2.4	0.2	0.1	4.2	3.0	0.8	0.5	1.2	1.2	0.2	0.2	4.8	14.6	7.3	12.1
EAST SOUTH CENTRAL:																				
Kentucky	23.2	23.9	6.0	4.7	1.6	1.2	0.3	0.2	8.3	6.8	0.4	0.4	0.1	0.1	4.5	3.3	(2)	0.1	0.6	1.4
Tennessee	29.5	28.9	6.1	5.7	1.5	3.1	0.3	0.3	13.0	9.7	0.3	0.4	0.4	0.2	1.2	0.8	7.2	7.2	1.1	2.0
Alabama	33.7	26.5	0.3	0.1	0.9	2.7	(2)	(2)	5.5	2.5	0.1	0.1	0.9	0.7	(2)	(2)	26.6	38.5	5.4	3.1
Mississippi	28.5	24.1	0.1	(2)	0.6	1.1	(2)	(2)	4.9	2.6	0.1	0.1	0.7	0.6	(2)	(2)	31.6	37.7	1.7	2.1
WEST SOUTH CENTRAL:																				
Arkansas	24.9	28.2	2.8	0.7	1.9	2.4	1.6	0.4	9.3	5.5	0.3	0.4	0.4	0.3	(2)	(2)	27.7	26.7	1.3	2.0
Louisiana	26.7	30.2	(2)	(2)	0.6	0.6	8.1	6.0	3.6	3.4	0.3	0.4	1.2	1.1	(2)	(2)	23.9	18.1	5.2	8.2
Oklahoma	13.6	33.7	25.9	6.7	8.7	3.5	7.2	3.2	11.0	7.8	0.1	0.2	0.9	(2)	(2)	(2)	15.1	11.3	1.7	1.7
Texas	15.2	18.8	7.7	1.2	6.0	1.6	5.6	3.0	7.3	5.0	0.1	0.1	0.2	0.2	(2)	(2)	36.9	36.3	1.2	1.1
MOUNTAIN:																				
Montana	0.2	0.3	15.4	7.1	1.7	9.2	1.0	1.0	14.7	31.2	0.2	0.6	.....	.....	.....	(2)	.....	.....	1.4	1.5
Idaho	0.5	0.3	25.3	14.4	3.1	10.9	1.8	4.9	26.2	26.4	1.0	1.0	.....	(2)	.....	(2)	.....	.....	2.1	1.1
Wyoming	1.8	0.7	8.6	3.3	2.8	9.9	2.5	0.9	38.0	46.6	0.6	0.7	.....	(2)	.....	.....	.....	.....	0.6	0.5
Colorado	9.7	7.6	17.2	7.9	2.2	6.4	5.0	2.7	26.3	29.9	1.0	2.0	(2)	(2)	(2)	(2)	.....	.....	3.8	4.2
New Mexico	13.2	5.9	7.9	2.2	2.3	2.3	9.6	4.5	23.5	25.3	0.2	0.4	(2)	(2)	(2)	(2)	0.6	0.1	8.5	2.5
Arizona	3.1	4.5	5.2	5.7	1.7	1.7	7.8	9.6	26.5	29.4	0.4	0.3	(2)	0.1	(2)	(2)	14.9	(2)	2.4	3.2
Utah	0.8	0.5	15.7	13.0	3.6	5.9	1.6	2.3	31.7	29.6	0.7	1.0	(2)	(2)	.....	(2)	.....	.....	6.1	2.7
Nevada	0.1	0.1	3.7	1.9	0.5	1.0	1.1	1.6	59.4	46.6	0.6	0.6	(2)	(2)	.....	.....	.....	.....	0.1	0.3
PACIFIC:																				
Washington	0.5	0.4	35.0	33.2	2.7	4.2	1.8	2.8	14.6	11.7	0.8	0.9	.....	(2)	(2)	(2)	.....	.....	0.8	0.6
Oregon	0.7	0.4	22.0	17.9	5.8	7.9	2.6	2.9	24.8	22.0	0.8	1.0	(2)	(2)	(2)	(2)	.....	.....	0.5	1.2
California	1.0	0.5	9.1	4.2	1.2	1.7	11.0	11.0	18.4	22.2	0.5	0.6	0.1	(2)	(2)	(2)	0.7	(2)	6.3	3.0

[1] The figures for 1919 are based on acreage of hay and forage, excluding corn cut for forage.

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

TABLE 15.—PERCENTAGE OF TOTAL VALUE OF ALL CROPS REPRESENTED BY EACH OF THE PRINCIPAL CROPS, BY DIVISIONS AND STATES: 1919 AND 1909.

[All percentages based on Table 13.]

DIVISION AND STATE.	CORN.		WHEAT.		OATS.		OTHER CEREALS.		HAY AND FORAGE.		POTATOES (IRISH OR WHITE).		SWEET POTATOES AND YAMS.		TOBACCO.		COTTON.		ALL OTHER CROPS.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919[1]	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
United States	23.8	27.5	14.1	12.6	5.8	7.9	3.4	3.0	17.1	15.8	4.3	3.2	0.8	0.7	3.0	2.0	16.0	15.8	11.7	11.6
GEOGRAPHIC DIVISIONS:																				
New England	3.8	4.7	0.5	0.1	2.7	3.4	0.7	0.8	39.6	50.3	25.1	14.8	(2)	(2)	7.3	4.8	.....	.....	20.5	21.0
Middle Atlantic	14.7	12.0	8.4	8.4	5.4	8.7	3.3	3.4	32.7	34.5	15.2	9.8	0.4	0.4	1.2	1.1	.....	.....	18.7	21.6
East North Central	35.2	40.5	15.8	11.4	9.7	13.9	3.0	2.4	21.3	17.2	5.1	3.5	0.1	0.1	1.1	1.4	.....	.....	8.6	9.6
West North Central	33.4	35.5	25.4	25.6	10.2	11.5	3.9	4.2	18.7	14.9	3.1	2.1	0.1	0.1	(2)	0.1	0.3	0.3	4.7	5.8
South Atlantic	18.5	21.5	3.7	4.1	0.8	1.9	0.3	0.4	6.6	5.5	2.9	2.0	2.5	2.3	11.5	4.7	41.0	43.7	12.3	13.7
East South Central	30.9	29.0	2.9	3.0	0.6	1.3	0.1	0.1	9.3	5.8	1.2	1.1	2.3	1.8	10.9	8.8	32.4	39.3	9.3	9.8
West South Central	14.6	23.7	10.2	2.9	4.2	2.1	6.8	3.6	7.1	5.1	0.6	0.9	1.4	1.0	(2)	(2)	47.5	51.8	7.6	8.9
Mountain	4.4	2.9	20.1	16.2	2.7	12.3	3.4	4.1	40.4	41.6	7.9	5.4	(2)	(2)	(2)	(2)	4.2	(2)	17.0	17.4
Pacific	0.9	0.7	17.8	19.7	2.0	5.1	7.4	8.7	19.6	28.1	4.1	3.8	0.2	0.1	(2)	(2)	1.1	(2)	46.8	33.9
NEW ENGLAND:																				
Maine	0.5	1.3	0.6	0.3	3.8	6.9	0.7	0.8	29.5	45.3	52.3	30.6	.....	.....	(2)	(2)	.....	.....	12.6	14.8
New Hampshire	3.6	5.1	0.2	(2)	2.1	1.8	0.3	0.3	57.9	64.8	12.6	9.9	.....	.....	0.2	0.2	.....	.....	23.2	17.9
Vermont	3.5	4.7	0.8	0.1	5.0	4.9	1.4	1.5	61.6	68.9	10.4	7.4	.....	(2)	0.1	0.1	.....	.....	17.1	12.4
Massachusetts	5.4	5.2	0.1	(2)	0.6	0.6	0.3	0.3	37.5	43.1	8.6	7.6	.....	(2)	8.8	4.7	.....	.....	38.7	38.5
Rhode Island	11.4	11.2	0.1	(2)	0.7	1.0	0.3	0.4	43.4	43.9	12.6	13.7	(2)	(2)	(2)	(2)	.....	.....	31.5	29.9
Connecticut	8.6	8.8	0.3	0.1	0.7	0.8	0.5	0.9	30.8	37.5	7.6	9.8	(2)	(2)	34.2	22.9	.....	.....	17.4	19.3
MIDDLE ATLANTIC:																				
New York	5.9	6.0	4.9	3.8	5.2	9.5	3.8	3.4	40.6	40.7	16.7	10.7	(2)	(2)	0.2	0.2	.....	.....	22.6	25.7
New Jersey	16.6	18.7	3.5	4.4	1.6	2.0	2.2	2.4	16.0	21.4	24.8	14.0	4.2	4.3	(2)	(2)	.....	.....	31.2	32.9
Pennsylvania	23.2	17.8	12.9	14.9	6.4	9.4	3.1	3.7	28.1	29.7	11.6	7.8	0.1	0.1	2.5	2.6	.....	.....	12.1	14.0
EAST NORTH CENTRAL:																				
Ohio	35.8	37.2	21.1	14.1	6.6	10.5	1.1	0.6	21.4	19.2	2.9	4.2	0.1	(2)	2.2	4.1	.....	.....	8.8	10.1
Indiana	46.3	50.0	19.7	17.1	8.5	9.6	1.8	0.5	16.1	12.6	1.2	1.9	0.1	0.1	0.9	1.1	.....	.....	5.5	7.1
Illinois	47.8	54.5	18.0	10.4	11.9	16.4	1.4	0.4	14.0	11.1	1.3	1.8	0.2	0.1	(2)	(2)	.....	.....	5.4	5.2
Michigan	16.7	19.4	11.3	10.9	7.8	12.2	6.5	3.9	26.1	23.7	12.1	6.5	(2)	(2)	(2)	(2)	.....	.....	19.5	23.4
Wisconsin	14.5	18.7	3.7	1.9	13.0	20.8	7.0	11.7	37.0	29.7	13.6	5.7	.....	(2)	2.6	2.8	.....	.....	8.5	8.7
WEST NORTH CENTRAL:																				
Minnesota	21.8	16.3	17.5	30.0	13.2	18.2	7.4	10.9	22.9	14.3	11.3	4.1	(2)	(2)	(2)	(2)	.....	.....	6.0	6.1
Iowa	56.3	54.2	5.0	2.5	15.8	15.9	1.1	1.9	16.5	19.2	1.2	2.1	0.1	(2)	(2)	(2)	.....	.....	4.0	4.2
Missouri	39.3	50.9	25.1	14.2	5.8	4.9	0.4	0.2	17.2	16.1	1.8	2.1	0.4	0.3	0.2	0.3	2.2	1.9	7.7	9.2
North Dakota	1.8	1.3	48.9	60.5	8.0	13.4	12.7	7.5	18.7	6.9	3.4	1.2	.....	(2)	(2)	(2)	.....	.....	6.4	9.3
South Dakota	28.9	21.1	22.3	34.3	12.3	12.8	7.5	10.9	23.1	12.2	2.3	1.6	(2)	(2)	.....	(2)	.....	.....	3.5	7.2
Nebraska	41.7	45.4	23.9	22.7	8.6	10.0	2.0	0.9	18.7	16.3	2.1	1.9	(2)	(2)	(2)	(2)	.....	.....	3.1	2.6
Kansas	14.7	38.1	54.5	34.9	4.9	4.6	3.7	2.2	17.9	15.2	1.2	1.6	0.2	0.2	(2)	(2)	.....	(2)	3.0	3.3
SOUTH ATLANTIC:																				
Delaware	25.6	33.6	15.0	19.6	0.3	0.6	0.9	0.5	18.9	13.6	4.1	5.2	11.4	3.2	(2)	.....	.....	.....	23.7	23.7
Maryland	29.7	27.3	19.4	24.5	0.9	1.4	0.7	1.1	14.8	14.9	8.7	4.4	2.5	1.2	5.2	3.6	.....	(2)	17.9	21.5
District of Columbia	8.4	4.0	0.1	.....	0.1	0.1	0.1	0.1	12.7	10.6	12.9	8.3	8.2	5.5	.....	.....	.....	.....	57.4	71.5
Virginia	26.7	32.2	9.1	9.8	0.7	1.8	0.5	0.8	14.3	11.4	9.2	6.3	3.3	3.0	16.4	13.6	1.8	0.9	17.9	20.2
West Virginia	30.8	32.9	8.7	7.5	3.2	2.5	1.3	1.3	24.6	20.7	6.7	6.3	0.5	0.5	2.8	5.3	.....	(2)	21.4	23.0
North Carolina	15.9	23.9	2.4	3.4	0.4	1.3	0.2	0.3	3.8	3.7	1.2	1.3	2.4	3.3	30.1	10.6	35.4	38.5	8.4	13.7
South Carolina	12.6	15.1	0.4	0.3	1.0	2.8	0.1	0.4	2.7	2.4	0.7	0.4	2.0	1.9	5.4	1.5	71.0	70.2	4.2	5.1
Georgia	16.7	17.1	0.5	0.4	0.6	2.0	0.1	0.1	3.2	1.9	0.3	0.3	2.4	2.0	1.0	0.1	65.9	69.1	9.3	7.0
Florida	17.6	17.2	(2)	(2)	0.3	1.3	0.2	0.1	3.1	2.6	6.6	2.5	4.3	3.7	3.0	3.1	5.0	16.5	59.9	53.0
EAST SOUTH CENTRAL:																				
Kentucky	36.0	38.6	6.6	6.7	0.8	0.9	0.2	0.2	12.5	8.0	2.2	2.1	0.8	0.6	33.5	30.5	0.2	0.2	7.1	12.0
Tennessee	39.9	41.2	4.6	6.2	0.8	2.1	0.2	0.2	15.6	11.5	1.4	1.6	2.3	1.5	7.8	5.1	18.3	18.6	9.1	12.0
Alabama	26.6	20.8	0.2	0.1	0.4	1.5	(2)	(2)	4.6	2.5	0.8	0.6	3.7	2.6	0.2	(2)	50.1	63.3	13.5	8.5
Mississippi	21.0	18.5	(2)	(2)	0.2	0.6	(2)	(2)	4.4	2.4	0.5	0.4	2.7	2.2	0.1	(2)	63.2	68.6	7.9	7.3
WEST SOUTH CENTRAL:																				
Arkansas	18.1	24.9	1.3	0.5	0.8	1.5	5.4	1.1	6.7	4.4	1.2	1.3	1.9	1.2	(2)	(2)	54.2	56.3	10.5	8.8
Louisiana	17.9	22.4	(2)	(2)	0.3	0.3	20.7	11.0	3.4	3.3	1.0	1.3	4.3	3.2	0.1	0.1	29.2	27.6	23.1	30.9
Oklahoma	13.2	36.6	25.6	10.5	6.6	5.5	4.8	2.0	9.1	7.5	0.7	1.0	0.6	0.3	(2)	(2)	34.5	31.3	4.8	5.4
Texas	13.7	17.6	7.0	1.0	4.8	1.3	5.6	3.5	6.8	4.7	0.4	0.6	1.0	0.8	(2)	(2)	55.7	65.6	5.1	4.9
MOUNTAIN:																				
Montana	0.4	0.6	26.6	18.4	3.7	21.3	1.3	2.0	51.6	42.7	5.6	4.5	.....	.....	.....	(2)	.....	.....	10.8	10.3
Idaho	0.9	0.6	29.0	25.6	2.5	15.4	1.7	7.2	40.2	36.8	10.7	4.8	.....	(2)	.....	(2)	.....	.....	15.0	9.6
Wyoming	2.1	1.0	10.3	6.5	3.7	18.5	1.8	1.7	68.1	61.4	6.6	5.3	.....	(2)	.....	.....	.....	.....	7.4	5.6
Colorado	7.8	5.3	20.8	12.9	2.4	8.3	4.0	2.9	33.6	34.6	10.8	7.4	(2)	(2)	(2)	(2)	.....	.....	20.6	28.5
New Mexico	17.5	11.4	12.0	5.9	2.8	5.3	12.6	5.0	31.6	52.1	0.6	2.7	0.4	0.2	(2)	(2)	3.4	0.2	19.0	17.1
Arizona	2.0	5.4	4.5	7.5	1.0	2.4	5.3	13.6	25.1	47.2	1.0	1.8	0.2	0.5	(2)	(2)	51.9	(2)	8.9	21.6
Utah	0.9	0.7	15.5	20.7	3.6	9.2	1.3	2.9	42.6	40.8	6.0	4.8	(2)	(2)	.....	(2)	.....	.....	30.0	20.9
Nevada	0.2	0.4	7.6	6.7	0.6	3.3	2.0	5.3	78.4	71.2	7.9	6.7	(2)	(2)	.....	.....	.....	.....	3.3	6.3
PACIFIC:																				
Washington	0.7	0.5	40.1	47.4	3.6	7.9	1.8	4.6	21.0	23.2	5.4	4.0	.....	(2)	(2)	(2)	.....	.....	27.4	12.3
Oregon	1.1	0.7	31.2	24.1	6.0	11.2	2.6	3.7	31.7	33.9	5.6	4.7	(2)	(2)	(2)	(2)	.....	.....	21.7	21.8
California	1.0	0.7	6.3	4.3	0.5	1.8	10.6	12.3	16.3	28.8	3.2	3.3	0.3	0.2	(2)	(2)	1.8	(2)	59.9	48.5

[1] The figures for 1919 are based on the value of hay and forage, including corn cut for forage.

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

SALES OF SELECTED CROPS.

Production and sales of feed crops: 1919 and 1909.—The four principal feed crops, for which data are here presented, comprise corn, oats, barley, and hay. Other crops, of course, are used to a large extent as feed for live stock, but these four are the most important and may be taken as representative.

A majority of the farmers who raise these four crops retain either the whole crop or a large part of it to feed to live stock on their own farms. Those farmers who have a surplus to sell may sell it, of course, to a neighboring farmer for feeding purposes, so that even their surplus supply may never get into commercial channels. There is considerable significance, however, in the quantities reported as sold (or to be sold) by the farmers who raised the crops. It is probable that the sales were somewhat less completely reported than the production, in which case the figures given for percentage of production sold are somewhat too small to represent the actual conditions.

TABLE 16.—PRODUCTION AND SALES OF PRINCIPAL FEED CROPS IN THE UNITED STATES: 1919 AND 1909.

[Figures for divisions and states in Tables 18, 19, 20, 21, and 22.]

CROP.	FARMS REPORTING PRODUCTION.		FARMS REPORTING SALES.				PRODUCTION.		QUANTITY SOLD (OR TO BE SOLD).				VALUE OF QUANTITY SOLD (OR TO BE SOLD).	
			Number.		Per cent of farms reporting production.				Amount.		Per cent of production.			
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
Total													$1,228,579,836	$509,253,522
							Bushels.	*Bushels.*	*Bushels.*	*Bushels.*				
Corn	4,936,692	4,813,175	702,856	1,003,279	14.2	20.8	2,345,832,507	2,552,189,630	460,997,139	460,572,574	19.7	18.0	658,231,126	255,191,944
Oats	2,238,102	2,174,006	467,753	594,990	20.9	27.4	1,055,182,798	1,007,142,980	277,214,402	261,325,372	26.3	25.9	221,157,897	107,242,769
Barley	448,985	383,197	100,075	146,636	22.3	38.3	122,024,773	173,344,212	44,945,358	75,297,901	36.8	43.4	60,984,549	41,314,430
							Tons.	*Tons.*	*Tons.*	*Tons.*				
Hay							90,355,540	87,216,351	13,137,131	10,679,399	14.5	12.2	288,206,264	105,504,379

The value of the four principal feed crops sold in 1919 (or held for sale at a later date) was $1,228,579,836, distributed as follows: Corn, $658,231,126; hay, $288,206,264; oats, $221,157,897; and barley, $60,984,549. It may be noted by reference to Table 16 that while the proportion of farms reporting sales of these crops in 1919 was smaller than in 1909, a greater percentage of the total production was sold in 1919, except in the case of barley.

Production and sales of potatoes and apples: 1919.—Potatoes and apples are two crops which are extensively produced on farms and are of considerable commercial importance. Slightly less than one-fourth of the farms reporting the production of potatoes, and about one-seventh of the farms reporting apples, reported sales of these products. It is interesting to note, however, that almost three-fifths (58.4 per cent) of the production of potatoes and three-fourths (72.2 per cent) of the production of apples were sold from the farms.

TABLE 17.—PRODUCTION AND SALES OF POTATOES AND APPLES IN THE UNITED STATES: 1919.

[Figures for divisions and states in Tables 23 and 24.]

ITEM.	Potatoes.	Apples.
Farms reporting:		
Production	2,887,992	[1] 2,687,685
Sales	678,562	377,222
Per cent of farms reporting production	23.5	14.0
Production ... bushels	290,427,580	136,560,997
Quantity sold (or to be sold) ... bushels	169,523,734	98,582,854
Per cent of production	58.4	72.2
Value of quantity produced	$639,440,521	$241,573,577
Value of quantity sold (or to be sold)	$369,160,202	$172,996,374

[1] Farms reporting trees of bearing age.

Tables for divisions and states.—The production and sales of the four principal feed crops are shown, for 1919 and 1909, by divisions and states, in Tables 18 to 22, inclusive, and the production and sales of potatoes and apples, for 1919 only, are likewise shown in Tables 23 and 24.

TABLE 18.—PRODUCTION AND SALES OF CORN, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	FARMS REPORTING PRODUCTION.		FARMS REPORTING SALES.				PRODUCTION (BUSHELS).		QUANTITY SOLD (OR TO BE SOLD).			
	1919	1909	Number.		Per cent of farms reporting production.		1919	1909	Amount (bushels).		Per cent of production.	
			1919	1909	1919	1909			1919	1909	1919	1909
United States	**4,936,692**	**4,813,175**	**702,856**	**1,003,279**	**14.2**	**20.8**	**2,345,832,507**	**2,552,189,630**	**460,997,139**	**460,572,574**	**19.7**	**18.0**
GEOGRAPHIC DIVISIONS:												
New England	45,610	67,712	952	1,542	2.1	2.3	5,597,723	8,238,394	139,961	145,814	2.5	1.8
Middle Atlantic	266,286	309,819	40,674	29,504	15.3	9.5	84,335,321	69,610,602	12,355,150	4,419,668	14.7	6.3
East North Central	886,094	940,681	184,201	265,062	20.8	28.2	683,430,905	845,298,285	171,878,225	197,015,428	25.1	23.3
West North Central	836,435	878,717	244,026	294,757	29.2	33.5	895,539,335	996,358,997	220,622,399	190,410,330	24.6	19.1
South Atlantic	1,070,408	974,833	79,005	129,461	7.4	13.3	212,891,658	179,511,702	15,675,386	12,815,516	7.4	7.1
East South Central	958,333	882,737	59,936	134,149	6.3	15.2	223,052,064	210,154,917	11,823,741	17,406,876	5.3	8.3
West South Central	798,947	713,996	76,031	142,603	9.5	20.0	218,130,912	233,402,007	20,773,474	36,880,401	9.5	15.8
Mountain	53,765	32,109	14,322	4,526	26.6	14.1	16,757,583	7,326,043	5,221,315	998,458	31.2	13.6
Pacific	20,814	12,571	3,709	1,675	17.8	13.3	5,197,006	2,288,683	2,507,488	480,080	48.2	21.0
NEW ENGLAND:												
Maine	4,214	9,801	85	487	2.0	5.0	288,281	648,882	6,789	48,843	2.4	7.5
New Hampshire	5,559	10,157	52	137	0.9	1.3	482,738	916,263	7,351	8,151	1.5	0.9
Vermont	8,888	13,761	111	225	1.2	1.6	937,375	1,715,133	7,841	18,427	0.8	1.1
Massachusetts	10,937	14,755	293	316	2.7	2.1	1,515,933	2,029,381	45,194	30,062	3.0	1.5
Rhode Island	2,211	2,898	119	144	5.4	5.0	310,901	398,193	19,149	17,076	6.2	4.3
Connecticut	13,801	16,340	292	233	2.1	1.4	2,062,495	2,530,542	53,637	23,255	2.6	0.9
MIDDLE ATLANTIC:												
New York	81,930	113,797	4,143	4,987	5.1	4.4	14,109,202	18,115,634	592,067	427,602	4.2	2.4
New Jersey	22,885	25,392	4,455	4,458	19.5	17.6	8,776,107	10,000,731	1,503,449	1,062,071	17.1	10.6
Pennsylvania	161,471	170,630	32,076	20,059	19.9	11.8	61,450,012	41,494,237	10,259,634	2,929,995	16.7	7.1
EAST NORTH CENTRAL:												
Ohio	225,568	233,102	47,006	65,817	20.8	28.2	149,844,626	157,513,300	24,173,497	26,555,088	16.1	16.9
Indiana	184,499	189,389	39,617	65,431	21.5	34.5	158,603,938	195,496,433	26,862,498	37,773,249	16.9	19.3
Illinois	208,777	226,954	80,180	102,733	38.4	45.3	285,346,031	390,218,676	117,260,785	128,518,179	41.1	32.9
Michigan	145,624	161,901	12,033	21,747	8.3	13.4	45,088,912	52,906,842	2,398,624	2,869,955	5.3	5.4
Wisconsin	121,626	129,335	5,365	9,334	4.4	7.2	44,547,398	49,163,034	1,182,821	1,298,957	2.7	2.6
WEST NORTH CENTRAL:												
Minnesota	121,511	113,061	22,763	21,571	18.7	19.1	84,786,096	67,897,051	13,325,467	6,633,555	15.7	9.8
Iowa	198,445	196,561	82,700	79,941	41.7	40.7	371,362,393	341,750,460	106,547,801	66,370,906	28.7	19.4
Missouri	227,045	241,192	34,397	67,198	15.1	27.9	146,342,036	191,427,087	18,016,300	25,777,282	12.3	13.5
North Dakota	10,408	15,025	630	760	6.1	5.1	3,876,883	4,941,152	212,797	140,769	5.5	2.8
South Dakota	54,602	49,277	20,358	16,481	37.3	33.4	69,060,782	55,558,737	20,018,300	11,568,861	29.0	20.8
Nebraska	111,970	113,214	50,838	51,834	45.4	45.8	160,391,314	180,132,807	48,297,859	47,822,843	30.1	26.5
Kansas	112,454	150,387	32,340	56,972	28.8	37.9	59,719,831	154,651,703	14,203,875	32,096,114	23.8	20.8
SOUTH ATLANTIC:												
Delaware	9,550	9,923	2,599	2,880	27.2	29.0	3,686,109	4,839,548	852,188	941,449	23.1	19.5
Maryland	42,389	42,084	13,061	11,347	30.8	27.0	21,083,076	17,911,436	5,067,706	3,385,113	24.0	18.9
District of Columbia	73	68	13	1	17.8	1.5	15,663	12,667	2,285	250	14.6	2.0
Virginia	170,421	163,680	18,751	26,053	11.0	15.9	42,302,978	38,295,141	3,973,231	3,027,677	9.4	7.9
West Virginia	77,476	83,028	5,396	11,408	7.0	13.7	17,010,357	17,119,097	994,003	981,941	5.8	5.7
North Carolina	253,026	228,322	12,193	33,427	4.8	14.6	40,998,317	34,063,531	1,617,099	1,728,493	3.9	5.1
South Carolina	181,512	156,589	3,698	11,434	2.0	7.3	27,472,013	20,871,946	467,419	689,947	1.7	3.3
Georgia	294,987	253,410	16,502	25,890	5.6	10.2	51,492,033	39,374,569	1,854,541	1,567,914	3.6	4.0
Florida	40,974	37,729	6,792	7,021	16.6	18.6	8,831,112	7,023,767	846,914	492,732	9.6	7.0
EAST SOUTH CENTRAL:												
Kentucky	236,372	216,224	16,996	44,793	7.2	20.7	71,518,484	83,348,024	4,084,561	7,974,158	5.7	9.6
Tennessee	230,015	211,119	23,538	48,552	10.2	23.0	70,639,252	67,682,489	5,389,605	7,092,466	7.6	10.5
Alabama	245,928	229,113	12,924	25,165	5.3	11.0	43,699,100	30,695,737	1,708,903	1,523,967	3.9	5.0
Mississippi	246,018	226,281	6,478	15,639	2.6	6.9	38,095,228	28,428,667	640,672	816,285	1.7	2.9
WEST SOUTH CENTRAL:												
Arkansas	199,101	176,106	8,106	25,266	4.1	14.3	34,226,935	37,609,544	1,147,945	2,547,707	3.4	6.8
Louisiana	121,162	100,943	3,849	15,817	3.2	15.7	21,675,602	26,010,361	647,194	2,306,563	3.0	8.9
Oklahoma	137,371	148,590	23,947	52,051	17.4	35.0	53,851,093	94,283,407	8,609,269	24,497,297	16.0	26.0
Texas	341,313	288,357	40,129	49,469	11.8	17.2	108,377,282	75,498,695	10,369,066	7,528,837	9.6	10.0
MOUNTAIN:												
Montana	1,456	1,637	148	125	10.2	7.6	159,410	274,103	22,280	15,758	14.0	5.7
Idaho	3,525	1,351	682	116	19.3	8.6	640,569	318,181	184,754	25,667	28.8	8.1
Wyoming	1,835	1,065	247	170	13.5	16.0	388,512	176,354	57,212	50,667	14.7	28.7
Colorado	22,873	12,711	6,437	2,037	28.1	16.0	10,105,627	4,903,304	3,237,481	616,346	32.0	12.6
New Mexico	18,524	10,381	5,918	1,390	31.9	13.4	4,737,182	1,164,970	1,542,104	193,632	32.6	16.6
Arizona	2,074	2,266	598	503	28.8	22.2	446,208	298,664	141,307	77,089	31.7	25.8
Utah	3,331	2,533	275	164	8.3	6.5	265,361	169,688	33,150	17,298	12.5	10.2
Nevada	147	165	17	21	11.6	12.7	14,714	20,779	3,027	2,001	20.6	9.6
PACIFIC:												
Washington	5,271	3,128	964	347	18.3	11.1	901,905	563,025	220,325	96,563	24.4	17.2
Oregon	7,272	3,715	725	307	10.0	8.3	846,642	451,757	116,752	30,969	13.8	6.9
California	8,271	5,728	2,020	1,021	24.4	17.8	3,448,459	1,273,901	2,170,411	352,548	62.9	27.7

TABLE 19.—PRODUCTION AND SALES OF OATS, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	FARMS REPORTING PRODUCTION.		FARMS REPORTING SALES.				PRODUCTION (BUSHELS).		QUANTITY SOLD (OR TO BE SOLD).			
	1919	1909	Number.		Per cent of farms reporting production.		1919	1909	Amount (bushels).		Per cent of production.	
			1919	1909	1919	1909			1919	1909	1919	1909
United States	**2,238,102**	**2,174,006**	**467,753**	**594,990**	**20.9**	**27.4**	**1,055,182,798**	**1,007,142,980**	**277,214,402**	**261,325,372**	**26.3**	**25.9**
GEOGRAPHIC DIVISIONS:												
New England	41,896	43,579	1,168	2,960	2.8	6.8	7,099,771	7,350,601	196,828	384,423	2.8	5.2
Middle Atlantic	267,496	298,684	23,130	36,626	8.6	12.3	52,255,952	64,344,715	3,495,912	4,551,876	6.7	7.1
East North Central	693,318	668,954	175,138	267,727	25.3	40.0	333,705,369	373,803,573	103,797,672	128,053,438	31.1	34.3
West North Central	683,192	588,275	181,096	202,962	26.5	34.5	494,110,435	432,660,477	122,345,352	94,511,952	24.8	21.8
South Atlantic	183,047	251,129	7,100	20,812	3.9	8.3	14,417,597	21,206,000	692,619	1,588,085	4.8	7.5
East South Central	91,291	144,577	6,144	15,966	6.7	11.0	7,085,057	11,646,687	782,133	1,503,258	11.0	12.9
West South Central	202,726	99,675	49,154	19,944	24.2	20.0	112,652,747	27,273,695	31,941,052	7,389,274	28.4	27.1
Mountain	44,693	52,881	11,555	17,223	25.9	32.6	14,457,607	40,604,255	4,188,328	12,164,190	29.0	30.0
Pacific	30,443	26,252	13,268	10,770	43.6	41.0	19,397,663	28,252,977	9,774,506	11,178,876	50.4	39.6
NEW ENGLAND:												
Maine	18,337	22,029	832	2,191	4.5	9.9	3,600,617	4,232,309	157,308	316,523	4.4	7.5
New Hampshire	3,758	3,141	74	97	2.0	3.1	485,367	386,419	8,179	7,551	1.7	2.0
Vermont	14,389	12,581	190	555	1.3	4.4	2,396,349	2,141,357	23,360	52,674	1.0	2.5
Massachusetts	2,214	2,181	29	66	1.3	3.0	287,881	268,500	3,504	4,901	1.2	1.8
Rhode Island	321	455	6	7	1.9	1.5	34,507	48,212	880	846	2.6	1.8
Connecticut	2,877	3,192	37	44	1.3	1.4	295,050	273,804	3,597	1,928	1.2	0.7
MIDDLE ATLANTIC:												
New York	114,390	142,313	4,293	15,270	3.8	10.7	21,595,461	34,795,277	622,031	2,314,724	2.9	6.7
New Jersey	7,582	8,213	1,043	1,310	13.8	16.0	1,477,319	1,376,752	154,039	146,168	10.4	10.6
Pennsylvania	145,524	148,158	17,794	20,046	12.2	13.5	29,183,172	28,172,686	2,719,842	2,090,984	9.3	7.4
EAST NORTH CENTRAL:												
Ohio	137,099	150,180	36,747	57,414	26.8	38.2	46,818,330	57,591,046	14,697,277	18,056,694	31.4	31.4
Indiana	101,522	101,199	37,298	49,488	36.7	48.9	52,529,723	50,607,913	20,978,977	21,099,983	39.9	41.7
Illinois	157,879	139,156	68,187	80,222	43.2	57.6	129,104,668	150,386,074	58,569,444	69,981,451	45.4	46.5
Michigan	141,312	141,731	19,385	42,166	13.7	29.8	36,956,425	43,869,502	4,673,381	7,910,857	12.6	18.0
Wisconsin	155,506	136,688	13,521	38,437	8.7	28.1	68,296,223	71,349,038	4,878,593	11,004,453	7.1	15.4
WEST NORTH CENTRAL:												
Minnesota	140,876	118,692	28,241	32,558	20.0	27.4	89,108,151	93,897,717	17,354,374	19,053,252	19.5	20.3
Iowa	162,880	151,769	78,057	80,793	47.9	53.2	187,045,705	128,198,055	67,776,982	41,311,243	36.2	32.2
Missouri	117,497	80,308	17,366	21,739	14.8	27.1	40,493,700	24,828,501	5,760,938	4,684,498	14.2	18.9
North Dakota	51,160	56,903	4,116	10,096	8.0	17.7	30,294,074	65,886,702	2,289,202	6,135,574	7.6	9.3
South Dakota	49,921	45,127	17,917	16,733	35.9	37.1	51,091,904	43,565,676	13,615,620	9,336,813	26.6	21.4
Nebraska	77,510	81,466	22,424	27,744	28.9	34.1	59,819,545	53,360,185	11,629,834	10,766,112	19.4	20.2
Kansas	83,348	54,010	12,975	13,299	15.6	24.6	36,257,356	22,923,641	3,918,402	3,224,460	10.8	14.1
SOUTH ATLANTIC:												
Delaware	769	698	82	95	10.7	13.6	70,791	98,239	8,595	10,025	12.1	10.2
Maryland	8,486	8,831	1,066	1,264	12.6	14.3	1,082,994	1,160,663	101,639	115,985	9.4	10.0
District of Columbia	6	2	.....	.....	.....	.....	315	375	.....	.....	.....	.....
Virginia	28,275	36,306	1,814	3,940	6.4	10.9	1,958,609	2,884,495	141,703	265,656	7.2	9.2
West Virginia	34,600	22,412	1,364	2,101	3.9	9.4	3,054,668	1,728,806	116,111	94,707	3.8	5.5
North Carolina	34,647	48,958	1,060	5,368	3.1	11.0	1,671,308	2,782,508	78,292	211,043	4.7	7.6
South Carolina	43,462	57,398	690	3,575	1.6	6.2	3,597,835	5,745,291	59,024	388,213	1.6	6.8
Georgia	30,505	70,379	893	3,931	2.9	5.6	2,758,851	6,199,243	164,308	446,564	6.0	7.2
Florida	2,297	6,145	131	538	5.7	8.8	222,226	606,380	22,947	55,892	10.3	9.2
EAST SOUTH CENTRAL:												
Kentucky	37,887	25,548	1,753	2,375	4.6	9.3	2,791,447	2,406,064	188,061	173,574	6.7	7.2
Tennessee	23,860	44,432	3,856	11,058	16.2	24.9	2,413,409	4,720,692	516,594	1,166,503	21.4	24.7
Alabama	18,991	51,857	334	2,044	1.8	3.9	1,120,384	3,251,146	36,544	134,283	3.3	4.1
Mississippi	10,553	22,740	201	489	1.9	2.2	760,417	1,268,785	40,934	28,898	5.4	2.3
WEST SOUTH CENTRAL:												
Arkansas	25,549	31,836	1,547	3,274	6.1	10.3	2,703,753	3,212,891	219,762	312,986	8.1	9.7
Louisiana	5,456	4,579	60	75	1.1	1.6	489,380	420,033	16,551	12,680	3.4	3.0
Oklahoma	75,938	33,002	18,658	11,107	24.6	33.7	45,470,191	16,606,154	10,647,815	4,674,729	23.4	28.2
Texas	95,783	30,258	28,889	5,488	30.2	18.1	63,989,423	7,034,617	21,056,924	2,388,879	32.9	34.0
MOUNTAIN:												
Montana	8,451	10,459	1,205	3,441	14.3	32.9	2,583,908	13,805,735	518,954	3,905,534	20.1	28.3
Idaho	9,218	11,703	2,650	4,761	28.7	40.7	3,069,132	11,328,106	964,811	4,172,705	31.4	36.8
Wyoming	2,992	4,381	661	1,514	22.1	34.6	1,006,552	3,361,425	211,635	803,663	21.0	23.9
Colorado	11,711	12,844	3,551	3,924	30.3	30.6	4,535,527	7,642,855	1,373,687	2,108,619	30.3	27.6
New Mexico	3,335	3,084	1,244	828	37.3	26.8	1,085,311	720,560	464,840	197,245	42.8	27.4
Arizona	573	315	331	177	57.8	56.2	377,785	189,312	211,127	97,310	55.9	51.4
Utah	8,211	9,781	1,830	2,462	22.3	25.2	1,724,392	3,221,289	411,994	762,942	23.9	23.7
Nevada	202	309	83	116	41.1	37.5	75,000	334,973	31,280	116,172	41.7	34.7
PACIFIC:												
Washington	11,365	10,139	5,034	4,025	44.3	39.7	8,073,481	13,228,003	4,672,749	5,745,804	57.9	43.4
Oregon	15,482	13,636	6,202	5,458	40.1	40.0	8,357,406	10,881,286	3,113,113	3,240,248	37.2	29.8
California	3,596	2,477	2,032	1,287	56.5	52.0	2,966,776	4,143,688	1,988,644	2,192,824	67.0	52.9

TABLE 20.—PRODUCTION AND SALES OF BARLEY, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	FARMS REPORTING PRODUCTION.		FARMS REPORTING SALES.				PRODUCTION (BUSHELS).		QUANTITY SOLD (OR TO BE SOLD).			
	1919	1909	Number.		Per cent of farms reporting production.		1919	1909	Amount (bushels).		Per cent of production.	
			1919	1909	1919	1909			1919	1909	1919	1909
United States	**448,985**	**383,197**	**100,075**	**146,636**	**22.3**	**38.3**	**122,024,773**	**173,344,212**	**44,945,358**	**75,297,901**	**36.8**	**43.4**
GEOGRAPHIC DIVISIONS:												
New England	5,722	6,593	95	285	1.7	4.3	343,641	428,617	14,167	9,656	4.1	2.3
Middle Atlantic	28,584	20,515	2,102	2,556	7.4	12.5	2,549,471	2,062,189	219,462	326,228	8.6	15.8
East North Central	182,536	122,864	22,738	42,972	12.5	35.0	25,061,508	26,705,278	3,700,221	10,858,789	14.8	40.7
West North Central	176,703	196,723	55,646	88,947	31.5	45.2	57,946,122	98,997,430	20,910,741	43,056,403	36.1	43.5
South Atlantic	3,654	3,775	425	429	11.6	11.4	370,458	409,615	24,961	26,426	6.7	6.5
East South Central	1,551	442	286	90	18.4	20.4	221,027	119,922	37,490	22,085	17.0	18.4
West South Central	11,403	1,074	2,927	368	25.7	34.3	3,979,068	181,346	1,352,475	69,829	34.0	38.5
Mountain	20,861	16,998	5,469	4,440	26.2	26.1	5,977,266	9,785,511	2,083,644	3,741,566	34.9	38.2
Pacific	17,971	14,213	10,387	6,549	57.8	46.1	25,576,212	34,654,304	16,602,197	17,186,919	64.9	49.6
NEW ENGLAND:												
Maine	1,629	2,258	49	72	3.0	3.2	104,912	106,674	11,008	2,072	10.5	1.9
New Hampshire	481	416	5	14	1.0	3.4	22,036	20,764	823	475	3.7	2.3
Vermont	3,160	3,569	26	193	0.8	5.4	199,815	285,008	1,897	6,944	1.0	2.4
Massachusetts	260	197	11	3	4.2	1.5	11,832	9,021	324	20	2.7	0.2
Rhode Island	43	63	.....	3	.....	4.8	3,154	4,676	.....	145	.....	3.1
Connecticut	149	90	4	.....	2.7	.....	4,892	2,474	115	.....	2.4	.....
MIDDLE ATLANTIC:												
New York	24,840	18,217	1,801	2,339	7.3	12.8	2,273,011	1,922,868	195,576	316,085	8.6	16.4
New Jersey	163	27	26	8	16.0	29.6	14,613	3,082	2,983	995	20.4	32.3
Pennsylvania	3,581	2,271	275	209	7.7	9.2	261,847	136,239	20,903	9,148	8.0	6.7
EAST NORTH CENTRAL:												
Ohio	19,601	4,753	1,845	836	9.4	17.6	2,412,196	569,279	234,598	110,543	9.7	19.4
Indiana	10,496	1,896	914	243	8.7	12.8	1,427,772	234,298	135,418	30,196	9.5	12.9
Illinois	17,653	7,074	3,537	1,403	20.0	19.8	4,226,911	1,613,559	858,010	305,044	20.3	18.9
Michigan	54,897	21,601	5,825	2,009	10.6	9.3	4,802,768	2,132,101	557,446	153,310	11.6	7.2
Wisconsin	79,889	87,540	10,617	38,481	13.3	44.0	12,191,861	22,156,041	1,914,749	10,259,696	15.7	46.3
WEST NORTH CENTRAL:												
Minnesota	64,877	85,681	19,556	38,777	30.1	45.3	14,849,069	34,927,773	5,555,490	15,567,918	37.4	44.6
Iowa	19,016	36,435	6,964	16,505	36.6	45.3	5,352,802	10,964,184	2,010,569	5,075,639	37.6	46.3
Missouri	1,152	852	130	144	11.3	16.9	145,496	134,253	23,617	9,730	16.2	7.2
North Dakota	32,837	33,167	7,055	11,234	21.5	33.9	12,052,881	26,305,758	2,969,279	8,552,914	24.6	32.4
South Dakota	25,435	28,704	13,341	18,818	52.5	65.6	12,815,768	22,396,130	6,197,002	12,665,163	48.4	56.6
Nebraska	15,328	5,904	3,437	1,763	22.4	29.9	4,405,323	1,987,516	1,535,730	606,184	34.9	30.5
Kansas	18,058	5,980	5,163	1,706	28.6	28.5	8,324,783	2,221,816	2,619,054	578,855	31.5	26.1
SOUTH ATLANTIC:												
Delaware	10	8	2	.....	20.0	.....	625	422	310	.....	49.6	.....
Maryland	1,099	1,215	170	148	15.5	12.2	111,221	135,454	10,140	11,317	9.1	8.4
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	2,044	2,057	214	248	10.5	12.1	229,301	253,649	12,792	13,851	5.6	5.5
West Virginia	305	119	35	8	11.5	6.7	24,816	8,407	1,659	446	6.7	5.3
North Carolina	179	149	4	7	2.2	4.7	3,510	7,535	60	216	1.7	2.9
South Carolina	.....	190	.....	9	.....	4.7	.....	3,483	.....	434	.....	12.5
Georgia	5	36	.....	9	.....	25.0	65	655	.....	162	.....	24.7
Florida	12	1	.....	.....	.....	.....	920	10	.....	.....	.....	.....
EAST SOUTH CENTRAL:												
Kentucky	508	175	79	30	15.6	17.1	119,542	65,596	16,997	8,997	14.2	13.7
Tennessee	932	248	204	57	21.9	23.0	96,173	53,201	20,400	13,018	21.2	24.5
Alabama	111	14	3	2	2.7	14.3	5,312	372	93	60	1.8	16.1
Mississippi	.....	5	.....	1	.....	20.0	.....	753	.....	10	.....	1.3
WEST SOUTH CENTRAL:												
Arkansas	70	41	14	4	20.0	9.8	2,900	1,267	157	233	5.4	18.4
Louisiana	35	.....	.....	.....	.....	.....	6,079	.....	.....	.....	.....	.....
Oklahoma	5,450	834	1,320	301	24.2	36.1	1,781,839	127,641	495,909	60,086	27.8	47.1
Texas	5,848	199	1,593	63	27.2	31.7	2,188,250	52,438	856,409	9,510	39.1	18.1
MOUNTAIN:												
Montana	1,950	2,267	276	439	14.2	19.4	346,972	753,268	66,711	203,886	19.2	27.1
Idaho	4,577	3,955	1,243	1,325	27.2	33.5	1,348,876	4,598,292	516,879	2,078,299	38.3	45.2
Wyoming	598	882	67	103	11.2	11.7	115,624	189,057	17,136	13,590	14.8	7.2
Colorado	8,702	4,550	2,428	981	27.9	21.5	2,801,498	1,889,342	810,635	368,931	28.9	19.5
New Mexico	987	338	270	54	27.4	16.0	194,059	43,490	71,687	12,933	36.9	29.7
Arizona	934	983	628	642	67.2	65.3	656,835	1,008,442	460,021	586,863	70.0	58.2
Utah	2,801	3,554	427	685	15.2	19.3	365,186	891,471	56,267	221,015	15.4	24.8
Nevada	312	460	130	211	41.7	45.9	148,216	412,149	84,308	256,049	56.9	62.1
PACIFIC:												
Washington	3,778	3,333	1,940	1,174	51.3	35.2	2,249,856	5,834,615	994,877	2,469,845	44.2	42.3
Oregon	3,450	3,283	1,128	883	32.7	26.9	1,429,073	2,377,735	591,366	610,621	41.4	25.7
California	10,743	7,597	7,319	4,492	68.1	59.1	21,897,283	26,441,954	15,015,954	14,106,453	68.6	53.3

TABLE 21.—PRODUCTION AND SALES OF HAY, AND VALUE OF PRINCIPAL FEED CROPS PRODUCED AND SOLD, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	PRODUCTION OF HAY (TONS).		HAY SOLD (OR TO BE SOLD).				VALUE OF TOTAL PRODUCTION OF PRINCIPAL FEED CROPS (CORN, OATS, BARLEY, AND HAY).		VALUE OF PRINCIPAL FEED CROPS SOLD (OR TO BE SOLD).			
			Quantity (tons).		Per cent of production.				Amount.		Per cent of value of total production.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
United States	**90,355,540**	**87,216,351**	**13,137,181**	**10,679,399**	**14.5**	**12.2**	**$6,476,628,949**	**$2,721,777,792**	**$1,228,579,836**	**$509,253,522**	**19.0**	**18.7**
GEOGRAPHIC DIVISIONS:												
New England	3,861,503	3,702,132	356,438	272,594	9.2	7.4	114,552,745	64,512,627	9,551,527	4,346,647	8.3	6.7
Middle Atlantic	10,159,859	8,936,001	1,412,215	1,116,016	13.9	12.5	436,441,341	200,523,049	58,195,555	21,584,058	13.3	10.8
East North Central	17,849,999	18,335,732	2,331,470	2,981,159	13.1	16.3	1,729,248,931	775,738,685	395,710,013	195,663,014	22.9	25.2
West North Central	30,847,467	33,455,116	3,347,182	2,393,803	10.9	7.2	2,194,461,697	913,375,410	474,095,036	174,405,989	21.6	19.1
South Atlantic	3,342,374	2,758,623	243,653	281,175	7.3	10.2	498,542,972	199,816,835	34,825,902	14,677,355	7.0	7.3
East South Central	3,452,358	2,448,368	364,344	238,791	10.6	9.8	511,369,179	186,364,326	32,931,947	15,684,379	6.4	8.4
West South Central	3,602,104	2,307,561	614,111	527,184	17.0	22.8	492,835,352	176,932,229	69,369,299	28,940,377	14.1	16.4
Mountain	9,469,375	8,225,417	2,554,009	1,417,308	27.0	17.2	256,595,071	93,895,978	70,317,618	20,830,896	27.4	22.2
Pacific	7,770,501	7,047,401	1,913,759	1,451,369	24.6	20.6	242,581,661	110,618,653	83,582,939	33,120,807	34.5	29.9
NEW ENGLAND:												
Maine	1,206,323	1,030,906	154,440	98,145	12.8	9.5	32,790,715	17,518,229	3,890,143	1,567,463	11.9	8.9
New Hampshire	480,615	473,633	38,508	28,320	8.0	6.0	13,751,361	8,167,165	1,024,308	447,535	7.4	5.5
Vermont	1,211,240	1,049,454	80,662	66,934	6.7	6.4	30,142,520	16,790,786	1,765,063	966,276	5.9	5.8
Massachusetts	546,011	643,823	47,963	43,908	8.8	6.8	20,144,107	11,880,436	1,607,916	738,987	8.0	6.2
Rhode Island	54,522	72,258	4,680	5,565	8.6	7.7	2,499,657	1,626,773	200,841	116,079	8.0	7.1
Connecticut	362,792	432,058	30,185	29,722	8.3	6.9	15,224,385	8,529,238	1,063,256	510,307	7.0	6.0
MIDDLE ATLANTIC:												
New York	6,264,685	5,171,964	928,874	613,901	14.8	11.9	193,544,940	100,140,977	23,960,758	10,349,957	12.4	10.3
New Jersey	394,865	511,338	63,560	82,891	16.1	16.2	27,226,055	14,756,427	4,442,810	2,076,981	16.3	14.1
Pennsylvania	3,500,309	3,252,699	419,781	419,224	12.0	12.9	215,670,346	85,625,645	29,801,987	9,157,120	13.8	10.7
EAST NORTH CENTRAL:												
Ohio	3,716,036	4,076,609	639,872	1,006,793	17.2	24.7	354,757,886	146,767,329	64,113,360	31,396,130	18.1	21.4
Indiana	2,280,863	2,527,391	313,670	424,680	13.8	16.8	328,977,172	141,045,309	63,561,426	32,749,631	19.3	23.2
Illinois	3,637,380	4,061,065	495,266	565,217	13.6	13.9	610,256,526	298,187,831	230,046,049	104,425,194	37.7	35.0
Michigan	3,172,012	3,247,282	570,066	632,793	18.0	19.5	184,724,562	83,990,456	22,627,610	12,234,203	12.2	14.6
Wisconsin	5,043,708	4,423,385	312,596	351,676	6.2	8.0	250,532,785	105,747,760	15,361,568	14,857,856	6.1	14.1
WEST NORTH CENTRAL:												
Minnesota	5,665,616	5,631,168	343,960	257,083	6.1	4.6	278,950,316	106,970,392	42,245,101	19,741,965	15.1	18.5
Iowa	5,348,102	7,312,591	646,650	448,721	12.1	6.1	756,037,831	278,884,322	209,465,341	57,034,312	27.7	20.5
Missouri	3,358,316	3,816,836	418,213	363,533	12.5	9.5	325,022,033	150,479,713	40,745,769	20,077,983	12.5	13.3
North Dakota	2,929,651	2,902,351	158,008	63,332	5.4	2.2	89,598,346	50,387,571	8,078,677	6,679,840	9.0	13.3
South Dakota	3,917,259	3,573,286	298,245	152,556	7.6	4.3	202,031,025	68,185,920	48,183,874	16,373,129	23.8	24.0
Nebraska	5,307,720	5,545,437	659,286	484,150	12.4	8.7	350,688,955	139,296,820	86,146,826	31,587,632	24.6	22.7
Kansas	4,320,803	4,673,447	822,820	624,428	19.0	13.4	192,133,191	119,170,672	39,229,448	22,911,128	20.4	19.2
SOUTH ATLANTIC:												
Delaware	88,857	99,228	8,766	10,222	9.9	10.3	8,505,742	4,111,511	1,619,753	713,022	19.0	17.3
Maryland	444,894	440,464	63,904	75,565	14.4	17.2	46,130,669	17,539,233	9,771,602	3,240,590	21.2	18.5
Dist. of Columbia	845	1,485	18	.....	2.1	.....	51,106	31,513	4,208	180	8.2	0.6
Virginia	944,693	780,109	90,805	96,131	9.6	12.3	107,922,686	40,707,633	10,168,235	3,753,316	9.4	9.2
West Virginia	692,852	622,768	31,786	40,193	4.6	6.5	52,120,801	20,243,634	2,762,862	1,212,228	5.3	6.0
North Carolina	449,298	353,950	17,179	25,601	3.8	7.2	95,244,081	37,673,660	3,749,303	2,061,783	3.9	5.5
South Carolina	274,816	176,891	4,652	12,141	1.7	6.9	67,680,956	27,563,296	1,149,700	1,164,874	1.7	4.2
Georgia	375,010	232,182	20,669	17,943	5.5	7.7	104,461,710	44,995,555	4,047,819	2,045,033	3.9	4.5
Florida	71,109	51,546	5,874	3,379	8.3	6.6	16,425,221	6,950,800	1,552,420	486,329	9.5	7.0
EAST SOUTH CENTRAL:												
Kentucky	1,085,318	913,747	137,655	102,501	12.7	11.2	160,260,123	61,801,005	11,481,783	6,282,120	7.2	10.2
Tennessee	1,401,646	1,038,004	111,748	98,250	8.0	9.5	172,104,628	60,589,931	13,712,989	6,713,697	8.0	11.1
Alabama	443,525	230,406	52,627	21,447	11.9	9.3	93,913,379	33,902,458	4,852,478	1,744,732	5.2	5.1
Mississippi	521,869	266,211	62,314	16,593	11.9	6.2	85,091,049	30,070,932	2,884,697	943,830	3.4	3.1
WEST SOUTH CENTRAL:												
Arkansas	771,853	430,817	91,961	73,506	11.9	17.1	83,538,554	34,169,363	4,476,903	2,700,067	5.4	7.9
Louisiana	247,999	242,507	23,189	15,416	9.4	6.4	44,071,634	19,136,356	1,722,001	1,515,043	3.9	7.9
Oklahoma	1,582,623	1,064,708	317,512	236,828	20.1	22.2	142,127,335	63,001,825	26,999,121	16,430,110	19.0	26.1
Texas	999,629	569,529	181,449	201,434	18.2	35.4	223,097,829	60,624,685	36,171,274	8,295,157	16.2	13.7
MOUNTAIN:												
Montana	1,334,336	1,689,763	227,081	231,309	17.0	13.7	38,795,193	19,135,674	6,858,840	3,942,518	17.7	20.6
Idaho	2,247,758	1,579,514	793,438	300,191	35.3	19.0	56,230,314	19,645,057	19,381,169	5,275,620	34.5	26.9
Wyoming	873,685	847,448	163,099	107,783	18.7	12.7	22,061,006	8,096,404	4,116,772	1,238,522	18.7	15.3
Colorado	2,702,462	2,042,669	770,793	390,368	28.5	19.1	72,173,100	24,185,696	21,164,945	5,010,168	29.3	20.7
New Mexico	394,007	331,683	156,289	104,988	39.7	31.7	17,038,760	5,063,367	6,395,630	1,445,063	37.5	28.5
Arizona	393,156	235,991	159,517	84,728	40.6	35.9	11,685,733	3,536,826	5,065,754	1,445,838	43.3	40.9
Utah	978,332	977,265	149,856	95,197	15.3	9.7	27,300,782	9,525,682	4,407,505	1,336,199	16.1	14.0
Nevada	545,639	521,184	133,936	102,744	24.5	19.7	11,310,183	4,707,272	2,927,003	1,136,968	25.9	24.2
PACIFIC:												
Washington	1,750,420	1,349,834	477,171	272,956	27.3	20.2	57,140,330	26,496,182	18,252,182	7,277,118	31.9	27.5
Oregon	1,908,393	1,521,634	458,794	252,290	24.0	16.6	50,223,723	21,740,400	13,568,706	4,514,161	27.0	20.8
California	4,111,688	4,175,933	977,794	926,123	23.8	22.2	135,217,608	62,382,071	51,762,051	21,329,528	38.3	34.2

TABLE 22.—VALUE OF PRINCIPAL FEED CROPS (CORN, OATS, BARLEY, AND HAY) SOLD OR TO BE SOLD, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	TOTAL.		CORN.		OATS.		BARLEY.		HAY.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909[1]
United States	$1,228,579,836	$509,253,522	$658,231,126	$255,191,944	$221,157,897	$107,242,769	$60,984,549	$41,314,430	$288,206,264	$105,504,379
GEOGRAPHIC DIVISIONS:										
New England	9,551,527	4,346,647	261,297	100,952	206,709	217,879	24,510	8,272	9,059,011	4,019,544
Middle Atlantic	58,195,555	21,584,058	19,419,241	3,007,230	3,210,226	2,387,088	318,369	214,002	35,241,719	15,975,138
East North Central	395,710,013	195,663,014	249,343,357	107,806,684	84,250,600	51,279,242	4,959,168	6,457,495	57,156,888	30,119,593
West North Central	474,095,036	174,405,989	300,306,523	100,638,243	92,357,443	36,678,888	24,680,493	21,221,923	56,750,577	15,866,935
South Atlantic	34,825,902	14,677,355	27,000,887	9,781,438	750,146	1,034,972	34,733	18,993	7,040,136	3,841,952
East South Central	32,931,947	15,684,379	21,195,985	11,939,973	825,113	786,448	61,032	14,771	10,849,817	2,893,187
West South Central	69,369,299	28,940,377	28,787,283	20,840,778	25,601,759	3,434,317	1,512,596	42,158	13,467,661	4,623,124
Mountain	70,317,618	20,830,896	7,637,628	651,255	4,331,051	5,927,921	2,959,189	2,106,953	55,389,750	12,144,767
Pacific	83,582,939	33,120,807	4,278,925	375,391	9,618,850	5,495,414	26,434,459	11,229,863	43,250,705	16,020,139
NEW ENGLAND:										
Maine	3,890,143	1,567,463	11,881	28,148	166,746	178,210	19,264	1,798	3,692,252	1,359,307
New Hampshire	1,024,308	447,535	12,864	6,554	8,179	4,467	1,235	364	1,002,030	436,150
Vermont	1,765,063	966,276	14,114	11,899	23,360	30,193	3,320	5,936	1,724,269	918,248
Massachusetts	1,607,916	738,987	85,869	20,026	3,679	3,074	518	24	1,517,850	715,863
Rhode Island	200,841	116,079	37,341	15,544	968	653	.....	150	162,532	99,732
Connecticut	1,063,256	510,307	99,228	18,781	3,777	1,282	173	.....	960,078	490,244
MIDDLE ATLANTIC:										
New York	23,959,758	10,349,957	1,036,117	300,277	622,031	1,225,172	283,585	206,430	22,009,025	8,618,078
New Jersey	4,442,810	2,076,981	2,480,691	732,398	146,337	77,318	4,475	729	1,811,307	1,266,536
Pennsylvania	29,801,987	9,157,120	15,902,433	1,974,555	2,447,858	1,085,198	30,309	6,843	11,421,387	6,090,524
EAST NORTH CENTRAL:										
Ohio	64,113,360	31,396,130	35,051,571	14,498,215	12,492,685	7,161,738	316,707	61,113	16,252,397	9,675,064
Indiana	63,561,426	32,749,631	38,950,622	20,436,730	16,783,182	7,961,211	189,585	18,003	7,638,037	4,333,687
Illinois	230,046,040	104,425,194	170,028,138	70,454,460	46,855,555	28,182,106	1,115,413	164,764	12,046,943	5,623,864
Michigan	22,627,610	12,234,203	3,597,936	1,679,307	3,972,374	3,432,668	752,552	87,738	14,304,748	7,034,490
Wisconsin	15,361,568	14,857,856	1,715,090	737,972	4,146,804	4,541,519	2,584,911	6,125,877	6,914,763	3,452,488
WEST NORTH CENTRAL:										
Minnesota	42,245,101	19,741,965	17,323,107	3,142,400	13,015,781	7,060,947	6,944,363	7,959,629	4,961,850	1,578,989
Iowa	209,465,341	57,034,312	143,839,531	34,681,925	50,832,737	16,407,511	2,412,683	2,472,786	12,380,390	3,472,090
Missouri	40,745,769	20,077,983	27,024,450	15,022,413	4,608,750	1,898,373	33,064	5,833	9,079,505	3,151,364
North Dakota	8,078,677	6,679,840	297,916	76,408	1,831,362	2,345,631	3,414,671	3,946,294	2,534,728	311,507
South Dakota	48,183,874	16,373,129	26,023,790	5,795,348	10,211,715	3,532,362	7,436,402	6,289,599	4,511,967	755,820
Nebraska	86,146,826	31,587,632	65,202,110	24,463,519	8,722,376	4,058,921	1,689,303	269,946	10,533,037	2,795,246
Kansas	39,229,448	22,911,128	20,595,619	17,456,230	3,134,722	1,375,143	2,750,007	277,836	12,749,100	3,801,919
SOUTH ATLANTIC:										
Delaware	1,619,753	713,022	1,363,501	587,193	8,165	5,454	403	.....	247,684	120,375
Maryland	9,771,602	3,240,500	7,854,944	2,115,625	96,557	58,076	13,182	7,496	1,806,919	1,059,393
District of Columbia	4,208	180	3,770	180	.....	.....	.....	.....	438	.....
Virginia	10,168,235	3,753,316	7,350,477	2,295,666	155,873	150,368	18,548	10,310	2,643,337	1,296,972
West Virginia	2,762,862	1,212,228	1,739,505	675,879	116,111	50,561	2,489	319	904,757	485,409
North Carolina	3,749,303	2,061,783	3,153,343	1,587,495	86,121	137,273	111	167	509,728	336,848
South Carolina	1,149,700	1,164,874	934,838	686,274	70,829	272,054	.....	519	144,033	206,027
Georgia	4,047,819	2,045,033	3,245,447	1,443,081	188,954	318,419	.....	182	613,418	283,351
Florida	1,552,420	486,329	1,355,062	390,045	27,536	42,767	.....	.....	169,822	53,517
EAST SOUTH CENTRAL:										
Kentucky	11,481,783	6,282,120	7,147,982	4,998,915	197,464	88,396	27,195	5,507	4,109,142	1,189,302
Tennessee	13,712,989	6,713,697	9,701,289	4,875,559	542,424	580,721	33,660	9,224	3,435,616	1,248,193
Alabama	4,852,478	1,744,732	3,161,471	1,374,086	40,198	94,672	177	32	1,650,632	275,942
Mississippi	2,884,697	943,830	1,185,243	741,413	45,027	22,659	.....	8	1,654,427	179,750
WEST SOUTH CENTRAL:										
Arkansas	4,476,903	2,700,067	2,066,301	1,854,933	219,762	162,922	251	208	2,190,589	682,004
Louisiana	1,722,001	1,515,043	1,100,230	1,325,018	18,206	10,549	.....	.....	603,565	179,476
Oklahoma	26,999,121	16,430,110	11,622,513	12,761,019	8,518,252	2,006,477	570,295	36,030	6,288,061	1,626,584
Texas	36,171,274	8,295,157	13,998,239	4,899,808	16,845,539	1,254,369	942,050	5,920	4,385,446	2,135,060
MOUNTAIN:										
Montana	6,858,840	3,942,518	37,876	10,698	518,954	1,841,235	100,067	127,847	6,201,943	1,962,738
Idaho	19,381,169	5,275,620	314,082	15,211	1,013,052	1,835,404	775,319	1,028,788	17,278,716	2,396,217
Wyoming	4,116,772	1,238,522	94,400	29,013	232,799	432,755	26,561	9,700	3,763,012	767,054
Colorado	21,164,945	5,010,168	4,532,473	348,224	1,305,003	1,177,940	1,053,826	206,764	14,273,643	3,277,240
New Mexico	6,395,630	1,445,063	2,313,156	164,599	488,082	120,199	93,193	11,283	3,501,199	1,148,982
Arizona	5,065,754	1,445,838	275,549	68,813	242,796	66,995	667,030	430,346	3,880,379	879,684
Utah	4,407,505	1,336,199	64,643	13,029	494,393	390,883	95,654	114,740	3,752,815	817,547
Nevada	2,927,003	1,136,968	5,449	1,668	35,972	62,510	147,539	177,485	2,738,043	895,305
PACIFIC:										
Washington	18,252,182	7,277,118	396,585	57,423	4,672,749	2,540,010	1,492,316	1,412,793	11,690,532	3,266,892
Oregon	13,568,706	4,514,161	192,641	23,191	2,957,457	1,537,994	916,617	389,830	9,501,991	2,563,146
California	51,762,051	21,329,528	3,689,699	294,777	1,988,644	1,417,410	24,025,526	9,427,240	22,058,182	10,190,101

[1] The figures for 1909 include the value of small quantities of coarse forage.

TABLE 23.—PRODUCTION AND SALES OF POTATOES (IRISH OR WHITE), BY DIVISIONS AND STATES: 1919.

DIVISION AND STATE.	Farms reporting production.	FARMS REPORTING SALES.		Production (bushels).	QUANTITY SOLD (OR TO BE SOLD).		Value of total production.	Value of quantity sold.
		Number.	Per cent of farms reporting production.		Amount (bushels).	Per cent of production.		
United States	**2,887,992**	**678,562**	**23.5**	**290,427,580**	**169,523,734**	**58.4**	**$639,440,521**	**$369,160,202**
GEOGRAPHIC DIVISIONS:								
New England	120,257	45,075	37.5	32,702,026	23,146,231	70.8	68,958,572	48,244,357
Middle Atlantic	359,794	164,486	45.7	64,841,838	41,163,813	63.5	138,893,994	86,044,404
East North Central	711,015	180,630	25.4	64,995,709	33,788,686	52.0	144,724,922	74,581,494
West North Central	696,565	103,527	14.9	50,234,408	24,273,805	48.3	113,474,008	53,686,080
South Atlantic	338,828	71,299	21.0	26,891,791	17,153,052	63.8	60,286,602	38,109,189
East South Central	278,875	27,847	10.0	6,659,748	1,793,497	26.9	16,108,988	4,344,725
West South Central	234,224	32,506	13.9	6,368,427	1,719,724	27.0	14,080,043	3,784,611
Mountain	76,146	25,284	33.2	20,110,056	13,989,424	69.6	44,260,285	30,691,310
Pacific	72,288	27,908	38.6	17,623,577	12,495,502	70.9	38,653,107	27,674,032
NEW ENGLAND:								
Maine	36,896	18,299	49.6	25,531,470	20,427,958	80.0	52,339,514	41,877,314
New Hampshire	16,152	5,182	32.1	1,341,978	441,769	32.9	2,952,351	971,892
Vermont	24,581	7,632	31.0	2,277,387	621,288	27.3	5,010,252	1,366,834
Massachusetts	22,813	8,074	35.4	1,885,655	872,809	46.3	4,619,855	2,138,382
Rhode Island	2,987	1,018	34.1	293,087	179,752	61.3	674,100	413,430
Connecticut	16,828	4,870	28.9	1,372,449	602,655	43.9	3,362,500	1,476,505
MIDDLE ATLANTIC:								
New York	163,148	75,589	46.3	32,470,847	20,199,931	62.2	69,812,321	43,429,852
New Jersey	19,105	10,336	54.1	10,319,306	9,155,883	88.7	21,670,546	19,227,354
Pennsylvania	177,541	78,561	44.2	22,051,685	11,807,999	53.5	47,411,127	25,387,198
EAST NORTH CENTRAL:								
Ohio	144,203	27,126	18.8	7,513,960	2,644,540	35.2	17,657,811	6,214,069
Indiana	93,596	8,717	9.3	2,477,034	497,072	20.1	6,068,734	1,217,826
Illinois	151,233	19,558	12.9	4,699,134	1,146,895	24.4	11,277,926	2,752,548
Michigan	155,752	64,339	41.3	23,929,560	13,815,844	57.7	49,055,600	28,322,480
Wisconsin	166,231	60,890	36.6	26,376,021	15,684,335	59.5	60,664,851	36,073,971
WEST NORTH CENTRAL:								
Minnesota	135,611	46,355	34.2	26,690,056	16,987,336	63.6	57,383,621	36,522,772
Iowa	131,292	8,336	6.3	4,438,515	651,890	14.7	10,874,361	1,597,131
Missouri	159,887	20,619	12.9	4,057,753	882,262	21.7	10,144,410	2,205,655
North Dakota	54,221	5,997	11.1	4,717,556	1,993,741	42.3	10,142,747	4,286,543
South Dakota	43,412	5,110	11.8	2,863,186	1,034,095	36.1	7,157,983	2,585,238
Nebraska	79,628	6,729	8.5	4,452,497	1,724,226	38.7	10,685,998	4,138,142
Kansas	92,514	10,381	11.2	3,014,845	1,000,255	33.2	7,084,888	2,350,599
SOUTH ATLANTIC:								
Delaware	6,180	2,837	45.9	487,668	250,254	51.3	950,953	487,095
Maryland	32,520	15,661	48.2	4,918,766	3,280,675	66.7	9,591,592	6,397,316
District of Columbia	124	58	46.8	19,799	9,233	46.6	39,598	18,466
Virginia	91,264	20,216	22.2	12,263,374	9,830,067	80.2	26,979,423	21,626,147
West Virginia	70,155	14,340	20.4	2,809,398	585,818	20.9	6,461,619	1,347,381
North Carolina	79,069	11,582	14.6	2,853,797	1,443,577	50.6	6,278,351	3,175,869
South Carolina	21,927	1,738	7.9	1,077,936	533,535	49.5	3,018,221	1,493,898
Georgia	32,658	2,957	9.1	693,857	162,603	23.4	1,665,257	390,247
Florida	4,931	1,910	38.7	1,767,196	1,057,290	59.8	5,301,588	3,171,870
EAST SOUTH CENTRAL:								
Kentucky	101,904	10,409	10.2	3,131,377	1,177,166	37.6	7,871,876	2,884,057
Tennessee	100,502	11,771	11.7	1,990,951	383,224	19.2	4,439,820	854,590
Alabama	48,010	3,284	6.8	886,450	125,713	14.2	2,304,769	326,854
Mississippi	28,459	2,383	8.4	650,970	107,394	16.5	1,692,523	279,224
WEST SOUTH CENTRAL:								
Arkansas	81,751	9,044	11.1	1,765,277	260,796	14.8	4,060,143	599,831
Louisiana	23,382	3,933	16.8	971,705	349,515	36.0	2,137,749	768,933
Oklahoma	66,811	9,809	14.7	1,924,194	535,555	27.8	4,040,810	1,124,666
Texas	62,280	9,720	15.6	1,707,251	573,858	33.6	3,841,341	1,291,181
MOUNTAIN:								
Montana	20,490	3,871	18.9	1,659,017	703,925	42.4	3,898,690	1,654,224
Idaho	16,723	6,701	40.1	6,300,835	4,664,483	74.0	13,546,798	10,028,638
Wyoming	6,066	1,460	24.1	851,253	463,098	54.4	2,000,443	1,088,280
Colorado	17,903	7,818	43.7	8,874,783	6,771,699	76.3	19,524,525	14,897,738
New Mexico	1,454	224	15.4	110,740	22,169	20.0	260,239	52,097
Arizona	791	390	49.3	174,301	110,465	63.4	435,755	276,163
Utah	11,453	4,327	37.8	1,648,400	948,838	57.6	3,494,607	2,011,537
Nevada	1,266	493	38.9	490,727	304,747	62.1	1,099,228	682,633
PACIFIC:								
Washington	36,085	13,163	36.5	5,866,710	3,585,633	61.1	12,320,093	7,529,829
Oregon	24,685	9,076	36.8	3,538,930	1,742,478	49.2	7,431,756	3,659,204
California	11,518	5,669	49.2	8,217,937	7,167,391	87.2	18,901,258	16,484,999

TABLE 24.—PRODUCTION AND SALES OF APPLES, BY DIVISIONS AND STATES: 1919.

DIVISION AND STATE.	Farms reporting trees of bearing age.	FARMS REPORTING SALES.		Production (bushels).	QUANTITY SOLD (OR TO BE SOLD).		Value of total production.	Value of quantity sold.
		Number.	Per cent of farms reporting trees.		Amount (bushels).	Per cent of production.		
United States	**2,687,685**	**377,222**	**14.0**	**136,560,997**	**98,682,854**	**72.2**	**$241,573,577**	**$172,996,374**
GEOGRAPHIC DIVISIONS:								
New England	111,582	50,345	45.1	12,070,259	8,637,384	71.6	19,562,535	13,981,501
Middle Atlantic	339,548	74,695	22.0	21,529,512	16,113,156	74.8	41,733,402	30,909,101
East North Central	684,462	66,397	9.7	15,724,432	9,905,570	63.0	32,712,053	20,413,486
West North Central	451,980	45,452	10.1	10,810,161	5,664,919	52.4	20,837,766	10,882,630
South Atlantic	458,781	51,450	11.2	17,829,422	10,025,960	56.2	29,851,290	16,657,234
East South Central	355,506	17,907	5.0	3,334,668	812,047	24.4	5,982,316	1,482,599
West South Central	138,533	23,971	17.3	9,291,332	6,854,635	73.8	14,098,673	10,380,092
Mountain	52,171	13,955	26.7	9,639,219	7,840,286	81.3	16,473,036	13,359,397
Pacific	95,122	33,050	34.7	36,331,992	32,728,897	90.1	60,322,506	54,930,334
NEW ENGLAND:								
Maine	34,609	21,061	60.9	4,829,346	3,540,334	73.3	6,278,151	4,602,434
New Hampshire	14,965	6,434	43.0	1,364,001	961,286	70.5	2,250,602	1,586,122
Vermont	17,781	5,314	29.9	960,252	474,955	49.5	1,728,454	854,919
Massachusetts	24,270	11,052	45.5	3,187,211	2,618,016	82.1	6,055,701	4,974,230
Rhode Island	2,958	1,098	37.1	334,308	230,861	69.1	668,616	461,722
Connecticut	16,999	5,386	31.7	1,395,141	811,932	58.2	2,581,011	1,502,074
MIDDLE ATLANTIC:								
New York	148,199	39,596	26.7	14,350,317	11,769,151	82.0	26,548,087	21,772,929
New Jersey	18,517	5,734	31.0	1,666,400	1,356,258	81.4	3,332,800	2,712,516
Pennsylvania	172,832	29,365	17.0	5,512,795	2,987,747	54.2	11,852,515	6,423,656
EAST NORTH CENTRAL:								
Ohio	175,416	11,879	6.8	2,976,436	1,490,470	50.1	6,845,811	3,428,081
Indiana	126,647	5,395	4.3	925,624	388,013	41.9	2,221,498	931,231
Illinois	134,414	15,032	11.2	4,673,117	3,265,017	69.9	9,346,234	6,530,034
Michigan	133,382	23,234	17.4	5,843,271	4,428,372	75.8	11,686,542	8,856,744
Wisconsin	114,603	10,857	9.5	1,305,984	333,698	25.6	2,611,968	667,396
WEST NORTH CENTRAL:								
Minnesota	73,941	6,989	9.5	1,028,478	226,672	22.0	1,748,412	385,342
Iowa	131,732	8,560	6.5	1,810,443	461,662	25.5	3,801,939	969,490
Missouri	137,063	18,839	13.7	5,132,109	3,198,529	62.3	9,494,411	5,917,279
North Dakota	2,643	212	8.0	14,358	2,654	18.5	35,907	6,635
South Dakota	13,114	1,261	9.6	168,256	63,959	38.0	353,336	134,314
Nebraska	40,539	3,974	9.8	907,224	466,837	51.5	1,905,175	980,358
Kansas	52,948	5,617	10.6	1,749,293	1,244,606	71.1	3,498,586	2,489,212
SOUTH ATLANTIC:								
Delaware	6,920	1,845	26.7	606,286	530,486	87.5	1,091,315	954,875
Maryland	33,636	6,688	19.9	1,518,884	998,572	65.7	2,430,217	1,597,715
District of Columbia	62	10	16.1	1,832	212	11.6	3,121	360
Virginia	116,113	19,575	16.9	8,942,520	5,650,726	63.2	14,308,026	9,041,162
West Virginia	68,649	11,067	16.1	4,189,162	2,162,531	51.6	7,540,491	3,892,556
North Carolina	128,655	9,640	7.5	1,938,038	506,398	26.1	3,294,671	860,877
South Carolina	38,706	961	2.5	215,659	17,458	8.1	474,448	38,408
Georgia	65,854	1,663	2.5	416,902	159,576	38.3	708,735	271,279
Florida	186	1	0.5	139	1	0.7	266	2
EAST SOUTH CENTRAL:								
Kentucky	131,982	6,710	5.1	1,280,549	371,569	29.0	2,433,053	705,981
Tennessee	117,810	7,433	6.3	1,258,878	355,629	28.2	2,265,979	640,132
Alabama	70,360	2,592	3.7	577,356	70,305	12.2	923,769	112,488
Mississippi	35,354	1,172	3.3	217,885	14,544	6.7	359,515	23,998
WEST SOUTH CENTRAL:								
Arkansas	64,172	13,085	20.4	7,163,619	5,704,867	79.6	10,745,448	8,557,301
Louisiana	7,340	216	2.9	43,910	2,576	5.9	74,647	4,379
Oklahoma	42,159	7,596	18.0	1,596,975	744,548	46.6	2,475,309	1,154,049
Texas	24,862	3,074	12.4	486,828	402,644	82.7	803,269	664,363
MOUNTAIN:								
Montana	4,435	1,383	31.2	673,716	518,837	77.0	1,111,632	856,081
Idaho	18,630	4,086	21.9	3,645,640	3,021,446	82.9	6,379,873	5,287,531
Wyoming	1,001	213	21.3	29,999	12,969	43.2	71,997	31,126
Colorado	10,475	4,081	39.0	3,417,682	2,968,781	86.9	5,639,178	4,898,489
New Mexico	6,096	1,457	23.9	939,102	674,624	71.8	1,502,564	1,079,398
Arizona	1,672	427	25.5	120,765	71,911	59.5	289,836	172,586
Utah	9,000	2,138	23.8	759,696	554,740	73.0	1,367,454	998,532
Nevada	862	170	19.7	52,619	16,978	32.3	110,502	35,654
PACIFIC:								
Washington	35,535	15,789	44.4	21,568,691	20,845,774	96.6	38,823,641	37,522,393
Oregon	29,044	8,500	29.3	6,921,284	5,054,500	73.0	9,343,737	6,823,575
California	30,543	8,761	28.7	7,842,017	6,828,623	87.1	12,155,128	10,584,366