CHAPTER XII
INDIVIDUAL CROPS

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CHAPTER XII.—INDIVIDUAL CROPS.

INTRODUCTION.

This chapter presents the statistics for crops grown on farms in 1919, as compiled from the returns of the census of 1920, together with comparative data from prior censuses. The figures for the crops produced in 1919 and 1909 are given in somewhat more detail than those for the earlier censuses, with percentages of increase for the decade, etc., but the data for the censuses from 1879 to 1899 are also presented in considerable detail, by divisions and states, in all cases where they are available; and in the United States summary tables, the total production of many of the principal crops is given for 1849, 1859, and 1869—1849 being the date of the first census returns for 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 with 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.

The present chapter gives statistics for each of the several crops and for certain groups of closely related crops, but does not contain any summary of the data for all crops together. For information of this kind the reader is referred to Chapter XI, entitled "Summary for All Crops," which is, in a sense, supplementary to this chapter on "Individual Crops."

All figures given for acreage (or number of trees, in the case of fruits and nuts) and for production of the different crops are based on the returns obtained from direct inquiries on the farm schedules used at the several censuses, and for 1899 and 1909 the values of the crops were obtained in the same way. At the census of 1920 (relating to the crops harvested in 1919), 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. 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 census schedule for vegetables, other than potatoes and sweet potatoes, and for the products of the farm garden.

In comparing one year with another it should be borne in mind that the acreage of crops (or the number of trees, in the case of fruits and nuts) and the number of farms reporting are on the whole a better index of the general changes or tendencies in agriculture than either the quantity or the value of the crops, since variations in quantity may be due mainly to favorable or unfavorable seasons, and variations in the value of the crops may result largely from changes in prices.

CEREALS.

All cereals.—Considered as an aggregate, the cereal crops harvested in the United States in 1919 occupied 43.5 per cent of all improved land, and 62.8 per cent of all land in crops with acreage reports. Table 1 summarizes the data for all cereals combined, while Tables 2 and 3 give the United States totals for the several cereal crops. Figures for divisions and states are presented in Tables 4, 5, and 6.

TABLE 1.—ALL CEREALS—SUMMARY FOR THE UNITED STATES: 1879 TO 1919.

[Figures for divisions and states in Tables 4, 5, and 6.]

ITEM.	1919	1909	1899	1889	1879
Acreage	219,030,756	191,395,963	184,982,220	140,378,857	118,805,952
Increase over preceding census	27,634,793	6,413,743	44,603,363	21,572,905	.....
Per cent of increase	14.4	3.5	31.8	18.2	.....
Per cent that acreage in cereals formed of—					
Total improved acreage	43.5	40.0	44.6	39.3	41.7
Total reported crop acreage	62.8	61.5	65.3	.....	.....
Production (bushels)	4,680,986,419	4,512,564,465	4,438,857,013	3,523,442,477	2,701,541,789
Increase over preceding census	168,421,954	73,707,452	915,414,536	821,900,688	.....
Per cent of increase	3.7	1.7	26.0	30.4	.....
Average yield per acre	21.4	23.6	24.0	25.1	22.7
Per capita production	44.3	49.1	58.4	56.0	53.9
Value	$6,941,257,254	$2,665,539,714	$1,482,603,049	.....	.....
Increase over preceding census	$4,275,717,540	$1,182,936,665	.....	.....	.....
Per cent of increase	160.4	79.8	.....	.....	.....
Average per bushel	$1.48	$0.59	$0.33	.....	.....
Average per acre	$31.69	$13.93	$8.01	.....	.....
Per cent that value of cereals formed of total value of all crops	47.0	50.9	51.9	.....	.....

TABLE 2.—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CEREALS IN THE UNITED STATES, WITH NUMBER OF FARMS REPORTING: 1919 AND 1909.

CROP.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase.[1] Amount.	Increase.[1] Per cent.	1919	1909	Increase.[1] Amount.	Increase.[1] Per cent.	1919	1909
All cereals	.....	.....	**219,030,756**	**191,395,963**	**27,634,793**	**14.4**	**4,680,986,419**	**4,512,564,465**	**168,421,954**	**3.7**	**$6,941,257,254**	**$2,665,539,714**
Corn	4,936,692	4,813,175	87,771,600	98,382,665	−10,611,065	−10.8	2,345,832,507	2,552,189,630	−206,357,123	−8.1	3,507,797,102	1,438,553,919
Wheat	2,225,134	1,458,667	73,099,421	44,262,592	28,836,829	65.1	945,403,215	683,379,259	262,023,956	38.3	2,074,078,801	657,656,801
Oats	2,238,102	2,174,006	37,991,002	35,159,441	2,831,561	8.1	1,055,182,798	1,007,142,980	48,039,818	4.8	855,255,468	414,697,422
Barley	448,985	383,197	6,472,888	7,698,706	−1,225,818	−15.9	122,024,773	173,344,212	−51,319,439	−29.6	160,427,255	92,458,571
Rye	460,113	275,796	7,679,005	2,195,561	5,483,444	249.8	75,992,223	29,520,457	46,471,766	157.4	116,537,965	20,421,812
Buckwheat	171,166	197,789	742,627	878,048	−135,421	−15.4	12,690,384	14,849,332	−2,158,948	−14.5	19,715,305	9,330,592
Rice (rough)	20,310	13,708	911,272	610,175	301,097	49.3	35,330,912	21,838,580	13,492,332	61.8	97,194,481	16,019,607
Emmer and spelt	11,922	37,609	166,829	573,622	−406,793	−70.9	2,607,868	12,702,710	−10,094,842	−79.5	3,699,943	5,584,050
Kafir and milo	129,947	97,574	3,619,034	1,635,153	1,983,881	121.3	72,085,954	17,597,305	54,488,649	309.6	90,221,046	10,816,940
Mixed crops	46,100	.....	577,078	.....	577,078	.....	13,835,785	.....	13,835,785	.....	16,329,888	.....

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

TABLE 3.—ACREAGE AND PRODUCTION OF THE DIFFERENT CEREALS IN THE UNITED STATES, 1879 TO 1919, AND VALUE, 1899 TO 1919.

ITEM AND CENSUS YEAR.	All cereals.	Corn.	Wheat.	Oats.	Barley.	Rye.	Buckwheat.	Rice (rough).	Emmer and spelt.	Kafir and milo.	Mixed crops.
Acreage:											
1919	219,030,756	87,771,600	73,099,421	37,991,002	6,472,888	7,679,005	742,627	911,272	166,829	3,619,034	577,078
1909	191,395,963	98,382,665	44,262,592	35,159,441	7,698,706	2,195,561	878,048	610,175	573,622	1,635,153	.....
1899	184,982,220	94,913,673	52,588,574	29,539,698	4,470,196	2,054,292	807,060	342,214	.....	266,513	.....
1889	140,378,857	72,087,752	33,579,514	28,320,677	3,220,834	2,171,604	837,164	161,312	.....	.....	.....
1879	118,805,952	62,368,504	35,430,333	16,144,593	1,997,727	1,842,233	848,389	174,173	.....	.....	.....
Production (bushels):											
1919	4,680,986,419	2,345,832,507	945,403,215	1,055,182,798	122,024,773	75,992,223	12,690,384	35,330,912	2,607,868	72,085,954	13,835,785
1909	4,512,564,465	2,552,189,630	683,379,259	1,007,142,980	173,344,212	29,520,457	14,849,332	21,838,580	12,702,710	17,597,305	.....
1899	4,438,857,013	2,666,324,370	658,534,252	943,389,375	119,634,877	25,568,625	11,233,515	9,002,886	.....	5,169,113	.....
1889	3,523,442,477	2,122,327,547	468,373,968	809,250,666	78,332,976	28,421,398	12,110,340	4,625,573	.....	.....	.....
1879	2,701,541,789	1,754,591,676	459,483,137	407,858,999	43,997,495	19,831,595	11,817,327	3,961,560	.....	.....	.....
Value:											
1919	$6,941,257,254	$3,507,797,102	$2,074,078,801	$855,255,468	$160,427,255	$116,537,965	$19,715,305	$97,194,481	$3,699,943	$90,221,046	$16,329,888
1909	2,665,539,714	1,438,553,919	657,656,801	414,697,422	92,458,571	20,421,812	9,330,592	16,019,607	5,584,050	10,816,940	.....
1899	1,482,603,049	828,192,388	369,945,320	217,098,584	41,631,762	12,290,540	5,747,853	6,329,562	.....	1,367,040	.....

TABLE 4.—ALL CEREALS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	Increase.		1919	1909	Increase.		1919	1909
			Amount.	Per cent.			Amount.	Per cent.		
United States	**219,030,756**	**191,395,963**	**27,634,793**	**14.4**	**4,680,986,419**	**4,512,564,465**	**168,421,954**	**3.7**	**$6,941,257,254**	**$2,665,539,714**
GEOGRAPHIC DIVISIONS:										
New England	437,960	468,617	—30,657	—6.5	14,334,651	16,972,973	—2,638,322	—15.5	20,779,700	10,664,849
Middle Atlantic	7,229,640	7,430,170	—200,530	—2.7	190,615,882	182,950,097	7,665,785	4.2	290,606,390	123,246,651
East North Central	44,624,085	42,305,757	2,318,328	5.5	1,278,076,201	1,382,640,124	—104,563,923	—7.6	1,796,664,393	731,015,347
West North Central	95,426,023	83,705,743	11,720,280	14.0	1,923,961,784	1,936,411,197	—12,449,413	—0.6	2,683,422,138	1,089,912,479
South Atlantic	16,403,716	15,282,740	1,120,976	7.3	263,359,870	231,040,725	32,319,145	14.0	483,744,505	194,466,951
East South Central	14,719,733	13,575,676	1,144,057	8.4	248,883,957	237,766,717	11,117,240	4.7	450,730,211	173,832,911
West South Central	25,688,134	19,468,212	6,219,922	31.9	522,592,978	309,793,487	212,799,491	68.7	775,963,863	194,958,491
Mountain	7,472,471	3,354,674	4,117,797	122.7	98,503,053	88,929,191	9,573,862	10.8	171,909,082	56,779,935
Pacific	7,028,994	5,804,374	1,224,620	21.1	140,658,043	126,059,954	14,598,089	11.6	267,436,882	90,662,100
NEW ENGLAND:										
Maine	157,227	159,616	—2,389	—1.5	4,577,846	5,395,168	—817,322	—15.1	5,616,507	3,100,902
New Hampshire	28,821	32,928	—4,107	—12.5	1,036,401	1,355,965	—319,564	—23.6	1,456,628	879,631
Vermont	133,621	134,611	—990	—0.7	3,916,959	4,351,467	—434,508	—10.0	5,171,758	2,651,877
Massachusetts	45,361	55,267	—9,906	—17.9	1,921,607	2,402,738	—481,131	—20.0	3,411,343	1,617,131
Rhode Island	9,168	12,112	—2,944	—24.3	356,889	459,384	—102,495	—22.3	665,745	376,097
Connecticut	63,762	74,083	—10,321	—13.9	2,524,949	3,008,251	—483,302	—16.1	4,457,809	2,039,211
MIDDLE ATLANTIC:										
New York	2,299,972	2,602,461	—302,489	—11.6	55,434,453	69,239,218	—13,804,765	—19.9	82,524,839	43,099,988
New Jersey	473,071	503,651	—30,580	—6.1	12,804,095	14,035,521	—1,231,426	—8.8	20,902,859	9,797,937
Pennsylvania	4,456,597	4,324,058	132,539	3.1	122,377,334	99,675,358	22,701,976	22.8	187,178,692	70,348,726
EAST NORTH CENTRAL:										
Ohio	8,200,784	7,649,873	550,911	7.2	259,547,851	247,749,763	11,798,088	4.8	391,834,355	137,907,934
Indiana	9,409,310	8,752,732	656,578	7.5	262,354,380	281,488,700	—19,134,320	—6.8	378,981,813	151,898,146
Illinois	16,808,297	16,536,457	271,840	1.6	493,641,008	580,954,423	—87,313,415	—15.0	684,753,430	297,523,098
Michigan	5,114,095	4,415,629	698,466	15.8	120,383,085	121,862,638	—1,479,553	—1.2	170,897,885	70,544,250
Wisconsin	5,091,599	4,951,066	140,533	2.8	142,149,877	150,584,600	—8,434,723	—5.6	170,196,910	73,141,919
WEST NORTH CENTRAL:										
Minnesota	11,296,103	10,139,850	1,156,253	11.4	239,802,305	259,148,531	—19,346,226	—7.5	302,729,120	140,864,148
Iowa	16,308,149	15,041,039	1,267,110	8.4	587,942,307	489,803,118	98,139,189	20.0	696,022,846	230,205,315
Missouri	11,970,030	10,255,476	1,714,554	16.7	253,349,176	246,786,298	6,562,878	2.7	394,195,226	147,980,414
North Dakota	14,929,806	11,887,141	3,042,665	25.6	124,646,484	217,246,973	—92,600,489	—42.6	215,764,634	149,133,451
South Dakota	9,795,892	8,203,519	1,592,373	19.4	169,811,754	174,903,749	—5,091,995	—2.9	220,890,085	98,953,050
Nebraska	13,625,189	12,540,049	1,085,140	8.7	286,368,029	285,078,947	1,289,082	0.5	395,917,589	153,666,652
Kansas	17,500,854	15,638,669	1,862,185	11.9	262,041,729	263,443,581	—1,401,852	—0.5	457,902,638	169,109,449
SOUTH ATLANTIC:										
Delaware	316,990	309,288	7,702	2.5	5,465,207	6,648,544	—1,183,337	—17.8	9,638,010	4,692,329
Maryland	1,366,354	1,329,201	37,153	2.8	32,298,838	29,183,197	3,115,641	10.7	55,845,785	21,908,730
District of Columbia	412	452	—40	—8.8	16,386	13,232	3,154	23.8	26,958	9,935
Virginia	3,016,621	2,841,114	175,507	6.2	56,632,455	50,283,074	6,349,381	12.6	108,723,914	39,993,929
West Virginia	1,088,557	1,038,931	49,626	4.8	24,564,851	22,116,677	2,448,174	11.1	42,447,028	15,997,700
North Carolina	3,133,891	3,250,870	—116,979	—3.6	47,895,144	41,117,292	6,777,852	16.5	94,616,625	37,848,797
South Carolina	2,048,194	1,955,695	92,499	4.7	31,877,722	27,493,754	4,383,968	15.9	61,401,182	25,434,539
Georgia	4,620,960	3,906,703	714,257	18.3	55,505,718	46,536,619	8,969,099	19.3	96,516,194	42,405,019
Florida	811,737	650,486	161,251	24.8	9,103,549	7,648,336	1,455,213	19.0	14,528,809	6,175,973
EAST SOUTH CENTRAL:										
Kentucky	4,358,638	4,323,702	34,936	0.8	85,139,957	94,836,975	—9,697,018	—10.2	151,792,740	60,738,651
Tennessee	4,186,373	4,136,647	49,726	1.2	79,738,888	79,148,649	590,239	0.7	144,778,157	55,302,278
Alabama	3,456,667	2,844,824	611,843	21.5	45,073,043	34,072,032	11,001,011	32.3	82,675,266	30,927,210
Mississippi	2,718,055	2,270,503	447,552	19.7	38,932,069	29,709,061	9,223,008	31.0	71,484,048	26,864,772
WEST SOUTH CENTRAL:										
Arkansas	2,868,583	2,564,898	303,685	11.8	45,812,921	42,655,839	3,157,082	7.4	86,996,422	31,262,922
Louisiana	1,996,690	1,938,357	58,333	3.0	38,190,747	37,273,196	917,551	2.5	80,166,279	24,786,984
Oklahoma	10,053,931	8,248,653	1,805,278	21.9	185,550,395	129,816,483	55,733,912	42.9	276,229,521	71,798,662
Texas	10,768,930	6,716,304	4,052,626	60.3	253,038,915	100,047,969	152,990,946	152.9	332,571,641	67,109,923
MOUNTAIN:										
Montana	2,017,253	635,807	1,381,446	217.3	11,142,677	21,239,157	—10,096,480	—47.5	22,432,106	12,251,345
Idaho	1,386,885	847,138	539,747	63.7	23,031,463	26,528,174	—3,496,711	—13.2	43,155,745	16,026,676
Wyoming	330,187	186,947	143,240	76.6	3,164,915	4,523,310	—1,358,395	—30.0	5,412,775	2,744,502
Colorado	2,640,664	1,057,905	1,582,759	149.6	38,436,550	22,322,328	16,114,222	72.2	63,380,214	14,787,519
New Mexico	567,726	218,037	349,689	160.4	12,310,217	2,975,383	9,334,834	313.7	18,220,404	2,382,996
Arizona	126,896	75,269	51,627	68.6	3,172,549	1,878,960	1,293,589	68.8	5,464,931	1,570,853
Utah	370,849	298,613	72,236	24.2	6,535,068	8,296,625	—1,761,557	—21.2	12,388,557	6,092,281
Nevada	32,011	34,958	—2,947	—8.4	709,614	1,165,254	—455,640	—39.1	1,454,350	923,763
PACIFIC:										
Washington	2,850,910	2,591,582	259,328	10.0	53,390,502	60,610,807	—7,220,305	—11.9	104,886,261	44,762,138
Oregon	1,521,622	1,242,300	279,322	22.5	30,850,683	26,343,230	4,507,453	17.1	53,980,152	17,860,136
California	2,656,462	1,970,492	685,970	34.8	56,416,858	39,105,917	17,310,941	44.3	108,670,469	28,039,826

TABLE 5.—ALL CEREALS—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1919.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (BUSHELS).				
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879
United States	**219,030,756**	**191,395,963**	**184,982,220**	**140,378,857**	**118,805,952**	**4,680,986,419**	**4,512,564,465**	**4,438,857,013**	**3,523,442,477**	**2,701,541,789**
GEOGRAPHIC DIVISIONS:										
New England	437,960	468,617	505,327	580,011	746,128	14,334,651	16,972,973	17,447,477	17,541,318	20,910,468
Middle Atlantic	7,229,640	7,430,170	8,452,125	8,289,340	9,167,712	190,615,882	182,950,097	213,777,362	199,976,952	214,764,388
East North Central	44,624,085	42,305,757	43,553,749	36,528,782	36,008,676	1,278,076,201	1,382,640,124	1,371,560,131	1,062,300,097	1,000,456,155
West North Central	95,426,023	83,705,743	75,771,149	54,055,233	34,146,067	1,923,961,784	1,936,411,197	1,877,640,699	1,571,265,894	914,664,049
South Atlantic	16,403,716	15,282,740	16,964,662	14,790,108	15,575,701	263,359,870	231,040,725	220,394,303	186,120,506	184,656,874
East South Central	14,719,733	13,575,676	15,601,376	13,203,780	13,775,578	248,883,957	237,766,717	251,846,755	239,142,519	218,661,688
West South Central	25,688,134	19,468,212	15,919,053	7,018,788	5,575,140	522,592,978	309,793,487	326,732,734	141,676,267	75,257,754
Mountain	7,472,471	3,354,674	1,636,980	770,687	479,342	98,503,053	88,929,191	36,715,523	16,415,057	10,109,172
Pacific	7,028,994	5,804,374	6,577,799	5,142,128	3,331,608	140,658,043	126,059,954	122,742,029	89,003,867	62,061,241
NEW ENGLAND:										
Maine	157,227	159,616	166,896	171,777	187,013	4,577,846	5,395,168	5,291,655	4,888,734	4,543,206
New Hampshire	28,821	32,928	42,335	61,498	88,559	1,036,401	1,355,965	1,677,225	2,115,629	2,743,789
Vermont	133,621	134,611	160,127	185,004	210,065	3,916,959	4,351,467	5,708,140	5,916,782	6,789,786
Massachusetts	45,361	55,267	53,385	63,376	104,631	1,921,607	2,402,738	1,894,035	1,907,839	2,819,656
Rhode Island	9,168	12,112	10,552	12,661	19,575	356,889	459,384	350,110	372,396	564,580
Connecticut	63,762	74,083	72,032	85,695	136,285	2,524,949	3,008,251	2,526,312	2,339,938	3,449,451
MIDDLE ATLANTIC:										
New York	2,299,972	2,602,461	3,125,077	3,239,466	3,669,834	55,434,453	69,239,218	80,413,695	78,272,587	89,741,380
New Jersey	473,071	503,651	588,853	601,357	773,375	12,804,095	14,035,521	15,553,475	14,287,404	18,182,586
Pennsylvania	4,456,597	4,324,058	4,738,195	4,448,517	4,724,503	122,377,334	99,675,358	117,810,192	107,416,961	106,840,422
EAST NORTH CENTRAL:										
Ohio	8,200,784	7,649,873	8,214,960	6,785,280	6,857,556	259,547,851	247,749,763	245,957,855	191,818,162	188,933,077
Indiana	9,409,310	8,752,732	8,471,709	7,341,404	6,972,291	262,354,380	281,488,700	249,445,647	178,881,244	179,142,318
Illinois	16,808,297	16,536,457	16,769,010	14,191,410	14,461,674	493,641,008	580,954,423	600,107,378	468,643,860	444,622,350
Michigan	5,114,095	4,415,629	4,721,126	3,891,686	3,389,861	120,383,085	121,862,638	105,359,403	95,954,009	88,097,084
Wisconsin	5,091,599	4,951,066	5,376,944	4,319,002	4,327,294	142,149,877	150,584,600	170,689,848	127,002,822	99,661,326
WEST NORTH CENTRAL:										
Minnesota	11,296,103	10,139,850	11,207,069	6,297,044	4,234,187	239,802,305	250,148,531	242,853,903	137,590,535	76,044,805
Iowa	16,308,149	15,041,039	16,920,095	12,560,890	11,490,795	587,942,307	489,803,118	593,978,358	483,198,008	362,487,131
Missouri	11,970,030	10,255,476	10,423,745	9,724,201	8,689,551	253,349,176	246,786,298	252,772,272	267,305,096	248,768,095
North Dakota[1]	14,929,806	11,887,141	5,610,374	3,235,345	106,434	124,646,484	217,246,973	90,430,446	33,939,074	2,558,890
South Dakota[1]	9,795,892	8,203,519	6,211,223	3,701,604	346,804	169,811,754	174,903,749	101,194,100	38,141,603	4,793,699
Nebraska	13,625,189	12,540,049	12,071,703	7,961,969	3,502,146	286,368,029	285,078,947	297,865,366	273,337,889	88,039,613
Kansas	17,500,854	15,638,669	13,326,940	10,574,180	5,776,150	262,041,729	263,443,581	298,546,254	337,753,689	131,971,726
SOUTH ATLANTIC:										
Delaware	316,990	309,288	318,772	289,650	308,006	5,465,207	6,648,544	6,775,575	4,991,025	5,460,377
Maryland	1,366,354	1,329,201	1,368,265	1,239,428	1,378,276	32,298,838	29,183,197	30,985,936	25,764,098	26,199,100
District of Columbia	412	452	543	555	1,884	16,386	13,232	16,300	13,845	47,296
Virginia	3,016,621	2,841,114	3,166,332	2,892,995	3,298,815	56,632,455	50,283,074	49,470,178	41,251,273	42,753,774
West Virginia	1,088,557	1,038,931	1,307,428	1,151,578	1,133,821	24,564,851	22,116,677	23,152,668	20,554,325	20,409,044
North Carolina	3,133,891	3,250,870	3,794,064	3,639,826	3,531,417	47,895,144	41,117,292	42,090,432	35,091,203	35,789,318
South Carolina	2,048,194	1,955,695	2,251,050	1,816,676	1,822,453	31,877,722	27,493,754	22,834,720	18,566,419	17,361,559
Georgia	4,620,960	3,906,703	4,150,886	3,335,791	3,689,519	55,505,718	46,536,619	39,372,927	35,745,404	32,943,891
Florida	811,737	650,486	607,322	423,609	411,510	9,103,549	7,648,336	5,695,567	4,142,914	3,692,515
EAST SOUTH CENTRAL:										
Kentucky	4,358,638	4,323,702	5,085,529	4,556,098	4,695,230	85,139,957	94,836,975	92,422,566	98,511,733	89,953,432
Tennessee	4,186,373	4,136,647	5,055,328	4,288,082	4,610,002	79,738,888	79,148,649	82,095,132	79,527,869	75,037,844
Alabama	3,456,667	2,844,824	3,088,454	2,515,283	2,653,424	45,073,043	34,072,032	37,610,914	33,546,806	30,083,788
Mississippi	2,718,055	2,270,503	2,372,065	1,844,317	1,816,922	38,932,069	29,709,061	39,718,143	27,556,111	23,586,624
WEST SOUTH CENTRAL:										
Arkansas	2,868,583	2,564,898	2,980,684	2,080,212	1,672,446	45,812,921	42,655,839	50,527,455	39,140,368	27,670,841
Louisiana	1,996,690	1,938,357	1,573,759	949,071	813,291	38,190,747	37,273,196	28,594,874	16,101,512	10,959,689
Oklahoma[2]	10,053,931	8,248,653	4,431,819	19,883	.....	185,550,395	129,816,483	100,318,982	341,848	.....
Texas	10,768,930	6,716,304	6,932,791	3,969,622	3,080,403	253,038,915	100,047,969	147,291,423	86,092,539	36,627,224
MOUNTAIN:										
Montana	2,017,253	635,807	254,231	77,162	43,925	11,142,677	21,239,157	7,599,180	2,168,665	1,417,089
Idaho	1,386,885	847,138	369,788	98,175	44,477	23,031,463	26,528,174	8,394,800	2,036,655	1,298,324
Wyoming	330,187	186,947	50,528	21,815	1,069	3,164,915	4,523,310	1,195,775	502,085	27,264
Colorado	2,640,664	1,057,905	525,299	351,086	116,121	38,436,550	22,322,328	10,501,528	7,259,621	2,648,573
New Mexico	567,726	218,037	96,402	61,340	104,481	12,310,217	2,975,383	1,653,102	1,157,383	1,547,247
Arizona	126,896	75,269	53,958	22,701	23,277	3,172,549	1,878,960	1,147,262	470,058	410,788
Utah	370,849	298,613	255,699	122,878	116,495	6,535,068	8,296,625	5,381,125	2,395,744	1,977,368
Nevada	32,011	34,958	31,075	15,530	29,497	709,614	1,165,254	842,751	424,846	782,519
PACIFIC:										
Washington	2,850,910	2,591,582	1,350,897	500,671	136,937	53,390,502	60,610,807	30,430,585	10,063,779	4,108,370
Oregon	1,521,622	1,242,300	1,222,648	828,706	632,871	30,850,683	26,343,230	23,225,515	16,423,768	12,933,019
California	2,656,462	1,970,492	4,004,254	3,812,751	2,561,800	56,416,858	39,105,017	69,085,929	62,516,320	45,019,852

[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.
[2] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 6.—ALL CEREALS—PER CENT DISTRIBUTION AND PERCENTAGE OF IMPROVED LAND OCCUPIED, BY DIVISIONS AND STATES: 1879 TO 1919.

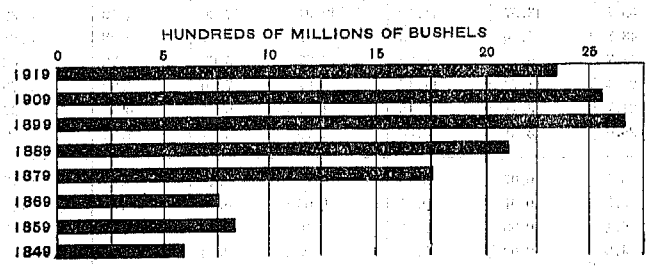
[All percentages based on Table 5. See footnotes on that table.]

DIVISION AND STATE.	PER CENT OF ALL IMPROVED LAND OCCUPIED.					Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1899	1889	1879		1919	1909	1899	1889	1879
United States	43.5	40.0	44.6	39.3	41.7	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:											
New England	7.2	6.5	6.2	5.4	5.7	0.20	0.31	0.38	0.39	0.50	0.77
Middle Atlantic	27.2	25.3	27.5	26.2	27.6	3.30	4.07	4.05	4.82	5.68	7.95
East North Central	50.8	47.6	50.3	46.4	47.6	20.37	27.30	30.64	30.90	30.15	37.03
West North Central	55.7	51.0	55.9	51.2	55.7	43.57	41.10	42.91	42.30	44.59	33.86
South Atlantic	33.8	31.5	36.8	35.5	43.1	7.49	5.63	5.12	4.97	5.28	6.84
East South Central	33.2	30.9	38.8	37.0	44.7	6.72	5.32	5.27	5.67	6.79	8.09
West South Central	40.0	33.4	40.0	23.0	29.4	11.73	11.16	6.87	7.36	4.02	2.79
Mountain	24.8	21.1	19.5	14.1	21.7	3.41	2.10	1.97	0.83	0.47	0.37
Pacific	29.4	26.3	35.1	29.3	25.0	3.21	3.00	2.79	2.77	2.53	2.30
NEW ENGLAND:											
Maine	8.0	6.8	7.0	5.6	5.4	0.07	0.10	0.12	0.12	0.14	0.17
New Hampshire	4.1	3.5	3.9	3.6	3.8	0.01	0.02	0.03	0.04	0.06	0.10
Vermont	7.9	8.2	7.5	7.0	6.4	0.06	0.08	0.10	0.13	0.17	0.25
Massachusetts	5.0	4.7	4.1	3.8	4.9	0.02	0.04	0.05	0.04	0.05	0.10
Rhode Island	6.9	6.8	5.6	4.6	6.6	(1)	0.01	0.01	0.01	0.01	0.02
Connecticut	9.1	7.5	6.8	6.2	8.3	0.03	0.05	0.07	0.06	0.07	0.13
MIDDLE ATLANTIC:											
New York	17.5	17.5	20.0	19.8	20.7	1.05	1.18	1.53	1.81	2.22	3.32
New Jersey	30.4	27.9	29.8	30.1	36.9	0.22	0.27	0.31	0.35	0.41	0.67
Pennsylvania	37.6	34.1	35.9	33.7	35.2	2.03	2.61	2.21	2.65	3.05	3.95
EAST NORTH CENTRAL:											
Ohio	44.2	39.8	42.7	37.0	37.9	3.74	5.54	5.49	5.54	5.44	6.99
Indiana	56.4	51.7	50.8	48.6	50.0	4.30	5.60	6.24	5.62	5.08	6.63
Illinois	61.6	59.0	60.5	55.3	55.4	7.67	10.55	12.87	13.52	13.30	16.46
Michigan	39.6	34.4	40.0	39.4	40.9	2.33	2.57	2.70	2.37	2.72	3.26
Wisconsin	40.9	41.6	47.8	44.1	47.2	2.32	3.04	3.34	3.85	3.60	3.69
WEST NORTH CENTRAL:											
Minnesota	52.6	51.6	60.8	56.6	58.4	5.16	5.12	5.74	5.47	3.91	2.81
Iowa	57.0	51.0	56.6	49.4	57.8	7.45	12.56	10.85	13.38	13.71	13.42
Missouri	48.2	41.7	45.5	49.1	51.9	5.46	5.41	5.47	5.69	7.59	9.21
North Dakota	60.8	58.1	58.2	69.5	41.0	6.82	2.66	4.81	2.04	0.96	0.09
South Dakota	53.8	51.8	55.0	53.2	38.9	4.47	3.63	3.88	2.28	1.08	0.18
Nebraska	59.0	51.4	65.5	52.2	63.6	6.22	6.12	6.32	6.71	7.76	3.26
Kansas	57.2	52.3	53.2	47.4	53.8	7.99	5.60	5.84	6.73	9.59	4.89
SOUTH ATLANTIC:											
Delaware	48.5	43.3	42.3	38.0	41.2	0.14	0.12	0.15	0.15	0.14	0.20
Maryland	43.6	39.6	38.9	36.3	41.2	0.62	0.69	0.65	0.70	0.73	0.97
District of Columbia	9.7	8.8	9.2	5.6	14.9	(1)	(1)	(1)	(1)	(1)	(1)
Virginia	31.9	28.8	31.4	31.7	38.8	1.38	1.21	1.11	1.11	1.17	1.58
West Virginia	19.7	18.8	23.8	25.3	29.9	0.50	0.52	0.49	0.52	0.58	0.76
North Carolina	38.2	36.9	45.6	46.5	54.5	1.43	1.02	0.91	0.95	1.00	1.32
South Carolina	33.1	32.1	39.0	34.6	44.1	0.94	0.68	0.61	0.51	0.53	0.64
Georgia	35.4	31.8	39.1	34.8	45.0	2.11	1.19	1.03	0.89	1.01	1.22
Florida	35.3	36.0	40.2	37.0	43.4	0.37	0.19	0.17	0.13	0.12	0.14
EAST SOUTH CENTRAL:											
Kentucky	31.2	30.1	37.0	38.6	43.8	1.99	1.82	2.10	2.08	2.80	3.33
Tennessee	37.4	38.0	49.3	45.8	54.3	1.91	1.70	1.75	1.85	2.26	2.78
Alabama	34.9	29.3	35.7	32.7	41.6	1.58	0.96	0.76	0.85	0.95	1.11
Mississippi	29.1	25.2	31.2	26.9	34.8	1.24	0.83	0.66	0.89	0.78	0.87
WEST SOUTH CENTRAL:											
Arkansas	31.1	31.8	42.9	38.0	46.5	1.31	0.98	0.95	1.14	1.11	1.02
Louisiana	35.5	36.7	33.7	25.1	29.7	0.91	0.82	0.83	0.64	0.46	0.41
Oklahoma	55.5	47.0	51.7	3.5	.....	4.59	3.96	2.88	2.26	0.01	.....
Texas	34.5	24.5	35.4	19.1	24.4	4.92	5.41	2.22	3.32	2.44	1.36
MOUNTAIN:											
Montana	18.3	17.5	14.6	8.4	16.7	0.92	0.24	0.47	0.17	0.06	0.05
Idaho	30.7	30.5	26.2	16.2	22.5	0.63	0.49	0.59	0.19	0.06	0.05
Wyoming	15.7	14.9	6.4	4.6	1.3	0.15	0.07	0.10	0.03	0.01	(1)
Colorado	34.1	24.6	23.1	19.3	18.8	1.21	0.82	0.49	0.24	0.21	0.10
New Mexico	33.1	14.9	29.5	23.3	44.0	0.26	0.26	0.07	0.04	0.03	0.06
Arizona	17.8	21.5	21.2	21.8	41.5	0.06	0.07	0.04	0.03	0.01	0.02
Utah	21.6	21.8	24.8	22.4	28.0	0.17	0.14	0.18	0.12	0.07	0.07
Nevada	5.4	4.6	5.4	2.1	8.6	0.01	0.02	0.03	0.02	0.01	0.03
PACIFIC:											
Washington	40.0	40.7	39.0	27.5	28.3	1.30	1.14	1.34	0.69	0.29	0.15
Oregon	31.0	29.1	36.7	23.6	28.8	0.69	0.66	0.58	0.52	0.47	0.48
California	22.4	17.3	33.5	31.2	24.0	1.21	1.21	0.87	1.56	1.77	1.67

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

Corn.—The acreage of corn harvested in the United States in 1919 was 87,771,600, as compared with 98,382,665 acres in 1909. The decrease appears to have been mainly the result of a transfer of acreage from corn to winter wheat. At any rate, practically all of the decrease in the corn acreage occurred in states where both corn and winter wheat are important crops; and where there were decided increases in the winter wheat acreage.

PRODUCTION OF CORN IN THE UNITED STATES: 1849 TO 1919.



The production of corn in 1919 amounted to 2,345,832,507 bushels, as compared with 2,552,189,630 bushels in 1909. The value of the crop in 1919 was $3,507,797,102.

A summary of the available census data with regard to the production of corn in the United States, beginning with the production of 1849, is given in Table 7. The principal data are also given, by divisions and states, in Tables 10, 11, and 12.

PRODUCTION OF CORN, 20 LEADING STATES: 1919 AND 1909.

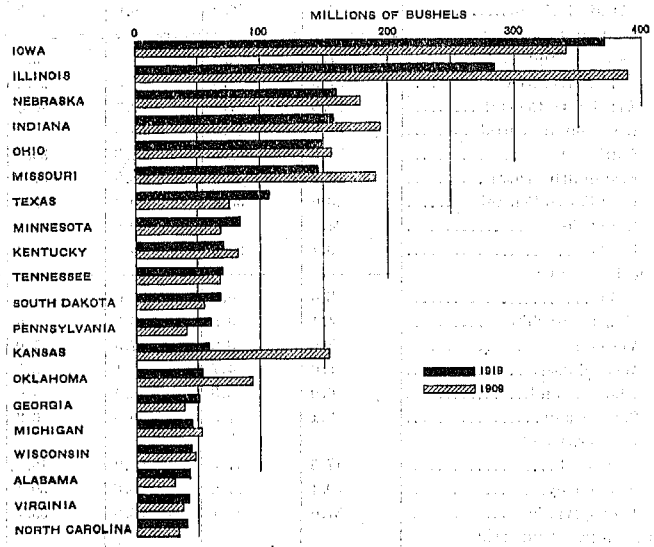


TABLE 7.—CORN—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 10, 11, and 12.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	4,936,692	4,813,175	4,697,498					
Per cent of all farms	76.6	75.7	81.9					
Acreage	87,771,600	98,382,665	94,913,673	72,087,752	62,368,504			
Increase over preceding census [1]	−10,611,065	3,468,992	22,825,921	9,719,248				
Per cent of increase [1]	−10.8	3.7	31.7	15.6				
Average per farm reporting	17.8	20.4	20.2					
Per cent that acreage in corn formed of—								
Total improved acreage	17.4	20.6	22.9	20.2	21.9			
Total reported crop acreage	25.2	31.6	33.5					
Production (bushels)	2,345,832,507	2,552,189,630	2,666,324,370	2,122,327,547	1,754,591,676	760,944,549	838,792,742	592,071,104
Increase over preceding census [1]	−206,357,123	−114,134,740	543,996,823	367,735,871	993,647,127	−77,848,193	246,721,638	
Per cent of increase [1]	−8.1	−4.3	25.6	21.0	130.6	−9.3	41.7	
Average yield per acre	26.7	25.9	28.1	29.4	28.1			
Per capita production	22.2	27.7	35.1	33.7	35.0	19.7	26.7	
Value	$3,507,797,102	$1,438,553,919	$828,192,388					
Increase over preceding census	$2,069,243,183	$610,361,531						
Per cent of increase	143.8	73.7						
Average per bushel	$1.50	$0.56	$0.31					
Average per acre	$39.97	$14.62	$8.73					
Per cent that value of corn formed of total value of all crops	23.8	27.5	29.0					

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

TABLE 8.—THE TEN STATES LEADING IN ACREAGE OF CORN: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Acreage.	Per cent of total.	Rank.	STATE.	Acreage.	Per cent of total.
	United States	87,771,600	100.0		United States	98,382,665	100.0
1	Iowa	9,006,733	10.26	1	Illinois	10,045,839	10.21
2	Illinois	7,908,385	9.01	2	Iowa	9,229,378	9.38
3	Nebraska	6,699,450	7.63	3	Kansas	8,109,061	8.24
4	Missouri	5,567,079	6.34	4	Nebraska	7,266,057	7.39
5	Texas	4,748,655	5.41	5	Missouri	7,113,953	7.23
6	Indiana	4,457,400	5.08	6	Oklahoma	5,914,069	6.01
7	Georgia	4,269,455	4.86	7	Texas	5,130,052	5.21
8	Kansas	3,676,074	4.19	8	Indiana	4,901,054	4.98
9	Ohio	3,563,352	4.06	9	Ohio	3,916,050	3.98
10	Alabama	3,334,204	3.80	10	Kentucky	3,436,340	3.49

TABLE 9.—THE TEN STATES LEADING IN PRODUCTION OF CORN: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Production (bushels).	Per cent of total.	Rank.	STATE.	Production (bushels).	Per cent of total.
	United States	2,345,832,507	100.0		United States	2,552,189,630	100.0
1	Iowa	371,362,393	15.83	1	Illinois	390,218,676	15.29
2	Illinois	285,346,031	12.16	2	Iowa	341,750,460	13.39
3	Nebraska	160,391,314	6.84	3	Indiana	195,496,433	7.66
4	Indiana	158,603,938	6.76	4	Missouri	191,427,087	7.50
5	Ohio	149,844,626	6.39	5	Nebraska	180,132,807	7.06
6	Missouri	146,342,036	6.24	6	Ohio	157,513,300	6.17
7	Texas	108,377,282	4.62	7	Kansas	154,651,703	6.06
8	Minnesota	84,786,096	3.61	8	Oklahoma	94,283,407	3.69
9	Kentucky	71,518,484	3.05	9	Kentucky	83,348,024	3.27
10	Tennessee	70,639,252	3.01	10	Texas	75,498,695	2.96

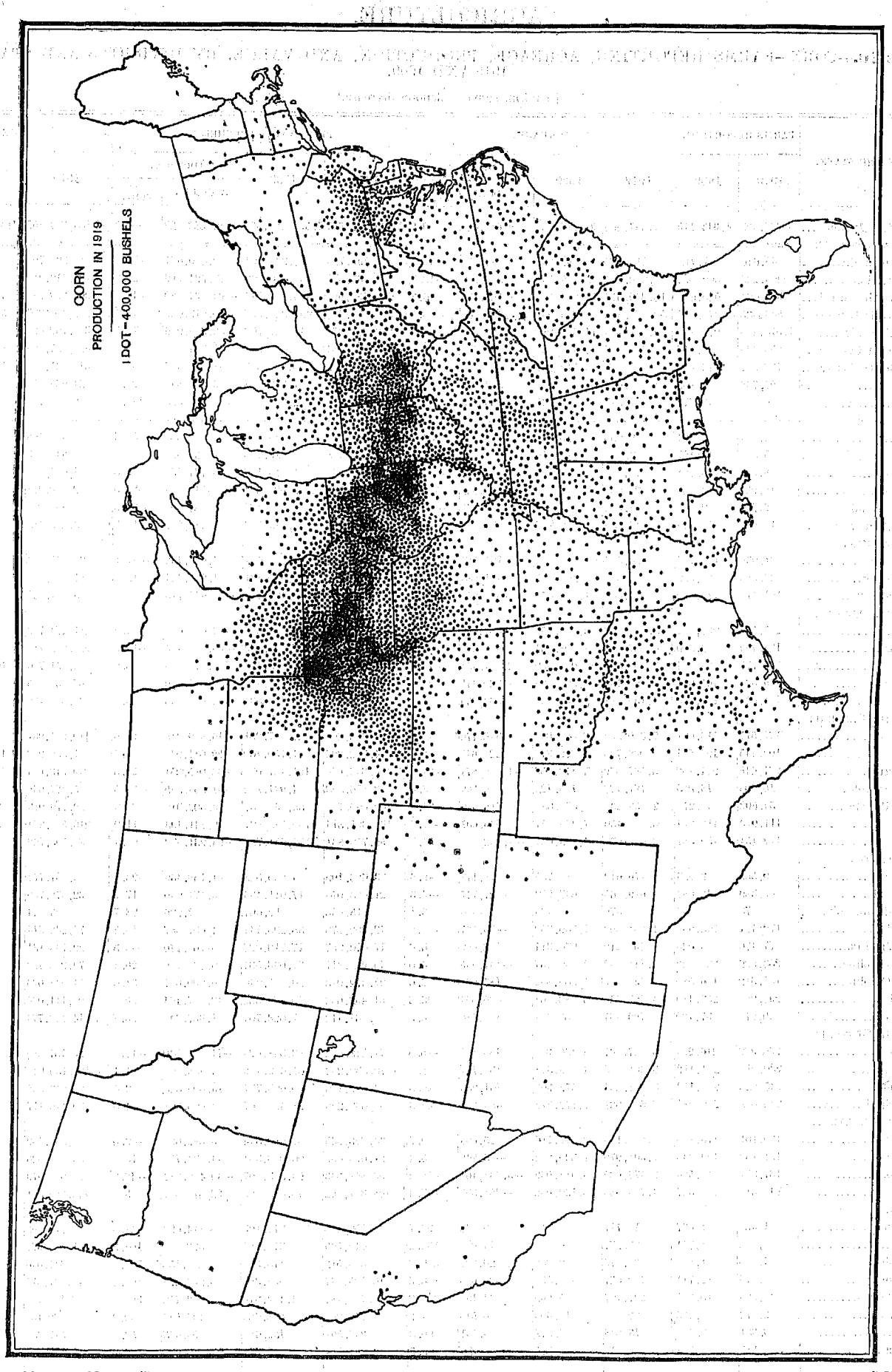

CORN
PRODUCTION IN 1919
1 DOT = 400,000 BUSHELS

TABLE 10.—CORN—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**4,936,692**	**4,813,175**	**87,771,600**	**98,382,665**	**—10,611,065**	**—10.8**	**2,345,832,507**	**2,552,189,630**	**—206,357,123**	**—8.1**	**$3,507,797,102**	**$1,438,553,919**
GEOGRAPHIC DIVISIONS:												
New England	45,610	67,712	117,347	182,065	—64,718	—35.5	5,597,723	8,238,394	—2,640,671	—32.1	10,338,708	5,560,074
Middle Atlantic	206,286	309,819	1,900,324	2,158,554	—258,230	—12.0	84,335,321	69,610,602	14,724,719	21.2	134,419,211	45,434,191
East North Central	886,094	940,681	18,349,075	21,910,191	—3,561,116	—16.3	683,430,905	845,298,285	—161,867,380	—19.1	993,229,282	434,424,336
West North Central	836,435	878,717	30,277,836	35,945,297	—5,667,461	—15.8	895,539,335	996,358,997	—100,819,662	—10.1	1,229,402,933	503,264,949
South Atlantic	1,070,408	974,833	12,288,485	11,386,984	901,501	7.9	212,891,658	179,511,702	33,379,956	18.6	385,762,628	149,479,304
East South Central	958,333	882,737	12,539,455	11,328,268	1,211,187	10.7	223,952,064	210,154,917	13,797,147	6.6	403,627,520	150,975,613
West South Central	798,947	713,996	11,018,649	14,912,067	—3,893,418	—26.1	218,130,912	233,402,007	—15,271,095	—6.5	317,465,328	143,035,538
Mountain	53,765	32,109	1,096,918	463,991	632,927	136.4	16,757,583	7,326,043	9,431,540	128.7	24,668,717	4,587,706
Pacific	20,814	12,571	183,511	95,248	88,263	92.7	5,197,006	2,288,683	2,908,323	127.1	8,882,775	1,792,208
NEW ENGLAND:												
Maine	4,214	9,801	6,965	15,213	—8,248	—54.2	288,281	648,882	—360,601	—55.6	504,495	434,834
New Hampshire	5,559	10,157	10,433	19,814	—9,381	—47.3	482,738	916,263	—433,525	—47.3	844,793	621,306
Vermont	8,888	13,761	21,186	42,887	—21,701	—50.6	937,375	1,715,133	—777,758	—45.3	1,687,275	1,102,222
Massachusetts	10,937	14,755	28,953	41,755	—12,802	—30.7	1,515,933	2,029,381	—513,448	—25.3	2,880,274	1,372,144
Rhode Island	2,211	2,898	7,324	9,679	—2,355	—24.3	310,901	398,193	—87,292	—21.9	606,256	335,629
Connecticut	13,801	16,340	42,486	52,717	—10,231	—19.4	2,062,495	2,530,542	—468,047	—18.5	3,815,615	1,693,939
MIDDLE ATLANTIC:												
New York	81,930	113,797	320,325	512,442	—192,117	—37.5	14,109,202	18,115,634	—4,006,432	—22.1	24,691,113	11,439,169
New Jersey	22,885	25,392	233,595	265,441	—31,846	—12.0	8,776,107	10,000,731	—1,224,624	—12.2	14,480,577	6,664,162
Pennsylvania	161,471	170,630	1,346,404	1,380,671	—34,267	—2.5	61,450,012	41,494,237	19,955,775	48.1	95,247,521	27,330,860
EAST NORTH CENTRAL:												
Ohio	225,568	233,102	3,563,352	3,916,050	—352,698	—9.0	149,844,626	157,513,300	—7,668,674	—4.9	217,274,709	82,327,269
Indiana	184,499	189,389	4,457,400	4,901,054	—443,654	—9.1	158,603,938	195,496,433	—36,892,495	—18.9	229,975,713	98,437,988
Illinois	208,777	226,954	7,908,385	10,045,839	—2,137,454	—21.3	285,346,031	390,218,676	—104,872,645	—26.9	413,751,746	198,350,496
Michigan	145,624	161,901	1,269,155	1,589,596	—320,441	—20.2	45,088,912	52,906,842	—7,817,930	—14.8	67,633,385	29,580,929
Wisconsin	121,626	129,335	1,150,783	1,457,652	—306,869	—21.1	44,547,398	49,163,034	—4,615,636	—9.4	64,593,729	25,727,654
WEST NORTH CENTRAL:												
Minnesota	121,511	113,061	2,380,838	2,004,068	376,770	18.8	84,786,096	67,897,051	16,889,045	24.9	110,221,931	30,510,145
Iowa	198,445	196,561	9,006,733	9,229,378	—222,645	—2.4	371,362,393	341,750,460	29,611,933	8.7	501,339,232	167,622,834
Missouri	227,045	241,192	5,567,079	7,113,953	—1,546,874	—21.7	146,342,036	191,427,087	—45,085,051	—23.6	219,513,084	107,347,033
North Dakota	10,408	15,025	191,428	185,122	6,306	3.4	3,876,883	4,941,152	—1,064,269	—21.5	5,427,636	2,403,303
South Dakota	54,602	49,277	2,756,234	2,037,658	718,576	35.3	69,060,782	55,558,737	13,502,045	24.3	89,779,016	26,395,985
Nebraska	111,970	113,214	6,699,450	7,266,057	—566,607	—7.8	160,391,314	180,132,807	—19,741,493	—11.0	216,528,274	88,234,846
Kansas	112,454	150,387	3,676,074	8,109,061	—4,432,987	—54.7	59,719,831	154,651,703	—94,931,872	—61.4	86,593,760	80,759,803
SOUTH ATLANTIC:												
Delaware	9,550	9,923	170,612	188,755	—18,143	—9.6	3,686,109	4,839,548	—1,153,439	—23.8	5,897,774	2,903,442
Maryland	42,389	42,084	619,265	647,012	—27,747	—4.3	21,083,076	17,911,436	3,171,640	17.7	32,678,769	11,015,298
Dist. of Columbia	73	68	370	426	—56	—13.1	15,663	12,667	2,996	23.7	25,844	9,635
Virginia	170,421	163,680	1,804,802	1,860,359	—55,557	—3.0	42,302,978	38,295,141	4,007,837	10.5	78,260,514	28,885,944
West Virginia	77,476	83,028	568,219	676,311	—108,092	—16.0	17,010,357	17,119,097	—108,740	—0.6	29,768,131	11,907,261
North Carolina	253,026	228,322	2,311,462	2,459,457	—147,995	—6.0	40,998,317	34,063,531	6,934,786	20.4	79,946,722	31,286,102
South Carolina	181,512	156,589	1,753,813	1,565,832	187,981	12.0	27,472,013	20,871,946	6,600,067	31.6	54,944,026	20,682,632
Georgia	294,987	253,410	4,269,455	3,383,061	886,394	26.2	51,492,033	39,374,569	12,117,464	30.8	90,111,074	37,079,981
Florida	40,974	37,729	790,487	605,771	184,716	30.5	8,831,112	7,023,767	1,807,345	25.7	14,129,774	5,709,009
EAST SOUTH CENTRAL:												
Kentucky	236,372	216,224	3,247,167	3,436,340	—189,173	—5.5	71,518,484	83,348,024	—11,829,540	—14.2	125,157,359	50,449,112
Tennessee	230,015	211,119	3,301,075	3,146,348	154,727	4.9	70,639,252	67,682,489	2,956,763	4.4	127,150,649	45,819,093
Alabama	245,928	229,113	3,334,204	2,572,968	761,236	29.6	43,699,100	30,695,737	13,003,363	42.4	80,843,335	28,677,032
Mississippi	246,018	226,281	2,667,009	2,172,612	484,397	22.3	38,095,228	28,428,667	9,666,561	34.0	70,476,177	26,030,376
WEST SOUTH CENTRAL:												
Arkansas	199,101	176,106	2,292,119	2,277,116	15,003	0.7	34,226,935	37,609,544	—3,382,609	—9.0	61,608,482	27,910,044
Louisiana	121,162	100,943	1,504,970	1,590,830	—85,860	—5.4	21,675,602	26,010,361	—4,334,759	—16.7	36,848,526	16,480,322
Oklahoma	137,371	148,590	2,472,905	5,914,069	—3,441,164	—58.2	53,851,093	94,283,407	—40,432,314	—42.9	72,698,979	48,080,554
Texas	341,313	288,357	4,748,655	5,130,052	—381,397	—7.4	108,377,282	75,498,695	32,878,587	43.5	146,309,341	50,564,618
MOUNTAIN:												
Montana	1,456	1,637	18,717	9,514	9,203	96.7	159,410	274,103	—114,693	—41.8	270,998	185,367
Idaho	3,525	1,351	23,277	9,194	14,083	153.2	640,569	318,181	322,388	101.3	1,088,972	191,395
Wyoming	1,835	1,065	38,575	9,268	29,307	316.2	388,512	176,354	212,158	120.3	641,046	101,465
Colorado	22,873	12,711	752,637	326,559	426,078	130.5	10,105,627	4,903,304	5,202,323	106.1	14,147,875	2,673,584
New Mexico	18,524	10,381	227,167	85,999	141,168	164.2	4,737,182	1,164,970	3,572,212	306.6	7,105,781	984,052
Arizona	2,074	2,266	22,150	15,605	6,545	41.9	446,208	298,664	147,544	49.4	870,105	293,847
Utah	3,331	2,533	13,848	7,267	6,581	90.6	265,361	169,688	95,673	56.4	517,456	134,396
Nevada	147	165	547	585	—38	—6.5	14,714	20,779	—6,065	—29.2	26,484	23,600
PACIFIC:												
Washington	5,271	3,128	34,799	26,033	8,766	33.7	901,905	563,025	338,880	60.2	1,623,433	404,367
Oregon	7,272	3,715	31,972	17,280	14,692	85.0	846,642	451,757	394,885	87.4	1,396,959	310,430
California	8,271	5,728	116,740	51,935	64,805	124.8	3,448,459	1,273,901	2,174,558	170.7	5,862,383	1,077,411

TABLE 11.—CORN—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
United States	87,771,600	98,382,665	94,913,673	72,087,752	62,368,504	2,345,832,507	2,552,189,630	2,666,324,370	2,122,327,547	1,754,591,676	17.8	20.4
GEOGRAPHIC DIVISIONS:												
New England	117,347	182,065	198,377	158,701	243,102	5,597,723	8,238,394	7,807,920	6,126,046	8,376,308	2.6	2.7
Middle Atlantic	1,900,324	2,158,554	2,434,743	2,013,337	2,497,097	84,335,321	69,610,602	82,873,430	66,065,259	82,662,392	7.1	7.0
East North Central	18,349,075	21,910,191	21,590,260	16,753,706	17,914,773	683,430,905	845,298,285	827,065,540	575,242,463	619,843,936	20.7	23.3
West North Central	30,277,836	35,945,297	35,529,298	28,119,640	17,782,475	895,539,335	996,358,997	1,114,154,560	1,023,627,545	665,440,725	36.2	40.9
South Atlantic	12,288,485	11,386,984	12,024,742	9,623,254	9,709,842	212,891,658	179,511,702	169,468,960	131,455,786	129,266,107	11.5	11.7
East South Central	12,539,455	11,328,268	11,713,504	9,585,360	9,552,528	223,952,064	210,154,917	215,124,577	198,290,502	182,408,770	13.1	12.8
West South Central	11,018,649	14,912,067	11,181,133	5,579,173	4,509,625	218,130,912	233,402,007	245,126,328	116,410,737	63,111,278	13.8	20.9
Mountain	1,096,918	463,991	160,211	162,594	79,518	16,757,583	7,326,043	2,647,733	2,333,323	1,322,790	20.4	14.4
Pacific	183,511	95,248	81,405	91,987	79,544	5,197,006	2,288,683	2,055,322	2,775,886	2,159,370	8.8	7.6
NEW ENGLAND:												
Maine	6,965	15,213	16,856	10,891	30,997	288,281	648,882	645,040	380,662	960,633	1.7	1.6
New Hampshire	10,433	19,814	25,694	23,746	36,612	482,738	916,263	1,080,720	988,806	1,350,248	1.9	2.0
Vermont	21,186	42,887	60,633	41,790	55,249	937,375	1,715,133	2,322,450	1,700,688	2,014,271	2.4	3.1
Massachusetts	28,953	41,755	39,131	34,010	52,555	1,515,933	2,029,381	1,539,980	1,330,101	1,797,768	2.6	2.8
Rhode Island	7,324	9,679	8,149	7,819	11,893	310,901	398,193	288,220	253,810	372,967	3.3	3.3
Connecticut	42,486	52,717	47,914	40,445	55,796	2,062,405	2,530,542	1,931,510	1,471,979	1,880,421	3.1	3.2
MIDDLE ATLANTIC:												
New York	320,325	512,442	658,652	493,320	779,272	14,109,202	18,115,634	20,024,850	15,109,969	25,690,156	3.9	4.5
New Jersey	233,595	265,441	295,258	267,648	344,555	8,776,107	10,000,731	10,978,800	8,637,011	11,150,705	10.2	10.5
Pennsylvania	1,346,404	1,380,671	1,480,833	1,252,369	1,373,270	61,450,012	41,494,237	51,869,780	42,318,279	45,821,531	8.3	8.1
EAST NORTH CENTRAL:												
Ohio	3,563,352	3,916,050	3,826,013	3,189,553	3,281,923	149,844,626	157,513,300	152,055,390	113,892,318	111,877,124	15.8	16.8
Indiana	4,457,400	4,901,054	4,499,249	3,586,190	3,678,420	158,603,938	195,496,433	178,967,070	108,843,094	115,482,300	24.2	25.9
Illinois	7,908,385	10,045,839	10,266,335	7,863,025	9,019,381	285,346,031	390,218,676	398,149,140	289,697,256	325,792,481	37.9	44.3
Michigan	1,269,155	1,589,596	1,501,189	994,597	919,656	45,088,912	52,906,842	44,584,130	28,785,579	32,461,452	8.7	9.8
Wisconsin	1,150,783	1,457,652	1,497,474	1,120,341	1,015,393	44,547,398	49,163,034	53,309,810	34,024,216	34,230,579	9.5	11.3
WEST NORTH CENTRAL:												
Minnesota	2,380,838	2,004,068	1,441,580	901,690	438,737	84,786,096	67,897,051	47,256,920	24,696,446	14,831,741	19.6	17.7
Iowa	9,006,733	9,229,378	9,804,076	7,585,522	6,616,144	371,362,393	341,750,460	383,453,190	313,130,782	275,014,247	45.4	47.0
Missouri	5,567,079	7,113,953	7,423,683	6,072,121	5,588,265	146,342,036	191,427,087	208,844,870	196,999,016	202,414,413	24.5	29.5
North Dakota[1]	191,428	185,122	62,373	11,954	898	3,876,883	4,941,152	1,284,870	178,729	24,983	18.4	12.3
South Dakota[1]	2,756,234	2,037,658	1,196,381	753,309	89,954	69,060,782	55,558,737	32,402,540	13,152,008	1,975,881	50.5	41.4
Nebraska	6,699,450	7,266,057	7,335,187	5,480,279	1,630,660	160,391,314	180,132,807	210,974,740	215,895,996	65,450,135	59.8	64.2
Kansas	3,676,074	8,109,061	8,266,018	7,314,765	3,417,817	59,719,831	154,651,703	229,937,430	259,574,568	105,729,325	32.7	53.9
SOUTH ATLANTIC:												
Delaware	170,612	188,755	192,025	174,796	202,120	3,686,109	4,839,548	4,736,580	3,097,164	3,894,264	17.9	19.0
Maryland	619,265	647,012	658,010	586,817	664,928	21,083,076	17,911,436	19,766,510	14,928,142	15,968,533	14.6	15.4
Dist. of Columbia	370	426	462	349	1,032	15,663	12,667	14,980	10,755	29,750	5.1	6.3
Virginia	1,804,802	1,860,359	1,910,085	1,600,690	1,768,127	42,302,978	38,295,141	36,748,410	27,172,493	29,119,761	10.6	11.4
West Virginia	568,219	676,311	724,646	592,763	565,785	17,010,357	17,119,097	16,610,730	13,730,506	14,090,609	7.3	8.1
North Carolina	2,311,462	2,459,457	2,720,206	2,360,627	2,305,419	40,998,317	34,063,531	34,818,860	25,783,623	28,019,839	9.1	10.8
South Carolina	1,753,813	1,565,832	1,772,057	1,345,990	1,303,404	27,472,013	20,871,946	17,429,610	13,770,417	11,767,099	9.7	10.0
Georgia	4,269,455	3,383,061	3,477,684	2,582,316	2,538,733	51,492,033	39,374,569	34,032,230	29,261,422	23,202,018	14.5	13.4
Florida	790,487	605,771	569,567	378,906	360,294	8,831,112	7,023,767	5,311,050	3,701,264	3,174,234	19.3	16.1
EAST SOUTH CENTRAL:												
Kentucky	3,247,167	3,436,340	3,319,257	2,960,382	3,021,176	71,518,484	83,348,024	73,974,220	78,434,847	72,852,263	13.7	15.9
Tennessee	3,301,075	3,146,348	3,374,574	2,791,324	2,904,873	70,639,252	67,682,489	67,307,390	63,635,350	62,764,429	14.4	14.9
Alabama	3,334,204	2,572,968	2,743,360	2,127,302	2,055,929	43,699,100	30,695,737	35,053,047	30,072,161	25,451,278	13.6	11.2
Mississippi	2,657,009	2,172,612	2,276,313	1,706,352	1,570,550	38,095,228	28,428,667	38,789,920	26,148,144	21,340,800	10.8	9.6
WEST SOUTH CENTRAL:												
Arkansas	2,292,119	2,277,116	2,317,742	1,648,443	1,298,310	34,226,935	37,609,544	44,144,098	33,982,318	24,156,417	11.5	12.9
Louisiana	1,504,970	1,590,830	1,343,756	837,516	742,728	21,675,602	26,010,361	22,062,580	13,081,954	9,889,689	12.4	15.8
Oklahoma[2]	2,472,905	5,914,069	2,501,945	13,307	.....	53,851,093	94,283,407	68,949,300	234,315	.....	18.0	39.8
Texas	4,748,655	5,130,052	5,017,690	3,079,907	2,468,587	108,377,282	75,498,695	109,970,350	69,112,150	29,065,172	13.9	17.8
MOUNTAIN:												
Montana	18,717	9,514	3,301	1,019	197	159,410	274,103	75,838	14,225	5,649	12.9	5.8
Idaho	23,277	9,194	4,582	1,362	569	640,569	318,181	111,528	24,695	16,408	6.6	6.8
Wyoming	38,575	9,268	1,976	1,977	.....	388,512	176,354	38,000	25,172	.....	21.0	8.7
Colorado	752,637	326,559	85,256	119,310	22,991	10,105,627	4,903,304	1,275,680	1,511,907	455,968	32.9	25.7
New Mexico	227,167	85,999	41,345	28,539	41,449	4,737,182	1,164,970	677,305	583,489	633,786	12.3	8.3
Arizona	22,150	15,605	11,654	4,331	1,818	446,208	298,664	204,748	82,535	34,746	10.7	6.9
Utah	13,848	7,267	11,517	5,782	12,007	265,361	169,688	250,020	84,760	163,342	4.2	2.9
Nevada	547	585	580	274	487	14,714	20,779	14,614	6,540	12,891	3.7	3.5
PACIFIC:												
Washington	34,799	26,033	10,483	9,583	2,117	901,905	563,025	218,706	156,413	39,183	6.6	8.3
Oregon	31,972	17,280	16,992	12,101	5,646	846,642	451,757	359,523	238,203	126,862	4.4	4.7
California	116,740	51,935	53,930	70,303	71,781	3,448,459	1,273,901	1,477,093	2,381,270	1,993,325	14.1	9.1

[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.
[2] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 12.—CORN—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 10 and 11. See footnotes on Table 11.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (BUSHELS).					AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909	1919	1919	1909	1899	1889	1879
United States	76.6	75.7	17.4	20.6	22.9	20.2	21.9	26.7	25.9	28.1	29.4	28.1	$1.50	$0.56	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																				
New England	29.1	35.9	1.9	2.5	2.4	1.5	1.8	47.7	45.2	39.4	38.6	34.5	1.85	0.67	0.13	0.24	0.32	0.29	0.29	0.48
Middle Atlantic	62.6	66.1	7.2	7.4	7.9	6.4	7.5	44.4	32.2	34.0	32.8	33.1	1.59	0.65	2.17	3.60	2.73	3.11	3.11	4.71
East North Central	81.7	83.7	20.9	24.6	24.9	21.3	23.7	37.2	38.6	38.3	34.3	34.6	1.45	0.51	20.91	29.13	33.12	31.02	27.10	35.33
West North Central	76.3	79.2	17.7	21.9	26.2	26.7	29.0	29.6	27.7	31.4	36.4	37.4	1.37	0.51	34.50	38.18	39.04	41.79	48.23	37.93
South Atlantic	92.4	87.7	25.3	23.5	26.1	23.1	26.8	17.3	15.8	14.1	13.7	13.3	1.81	0.83	14.00	9.08	7.03	6.36	6.19	7.37
East South Central	91.1	84.7	28.3	25.8	29.1	26.8	31.0	17.9	18.6	18.4	20.7	19.1	1.80	0.72	14.29	9.55	8.23	8.07	9.34	10.40
West South Central	80.2	75.7	17.2	25.6	28.1	18.3	23.8	19.8	15.7	21.9	20.9	14.0	1.46	0.61	12.55	9.30	9.15	9.19	5.49	3.60
Mountain	22.0	17.5	3.6	2.9	1.9	3.0	3.6	15.3	15.8	16.5	14.4	16.6	1.47	0.63	1.25	0.71	0.29	0.10	0.11	0.08
Pacific	8.9	6.6	0.8	0.4	0.4	0.5	0.6	28.3	24.0	25.2	30.2	27.1	1.71	0.78	0.21	0.22	0.09	0.08	0.13	0.12
NEW ENGLAND:																				
Maine	8.7	16.3	0.4	0.6	0.7	0.4	0.9	41.4	42.7	38.3	35.0	31.0	1.75	0.67	0.01	0.01	0.03	0.02	0.02	0.05
New Hampshire	27.1	37.5	1.5	2.1	2.4	1.4	1.6	46.3	46.2	42.1	41.6	36.9	1.75	0.68	0.01	0.02	0.04	0.04	0.05	0.08
Vermont	30.6	42.1	1.3	2.6	2.9	1.6	1.7	44.2	40.0	38.3	40.7	36.5	1.80	0.64	0.02	0.04	0.07	0.09	0.08	0.11
Massachusetts	34.2	40.0	3.2	3.6	3.0	2.1	2.5	52.4	48.6	39.4	39.1	34.2	1.90	0.68	0.03	0.06	0.08	0.06	0.06	0.10
Rhode Island	54.2	54.8	5.5	5.4	4.3	2.8	4.0	42.4	41.1	35.4	32.5	31.4	1.95	0.84	0.01	0.01	0.02	0.01	0.01	0.02
Connecticut	60.9	60.9	6.1	5.3	4.5	2.9	3.4	48.5	48.0	40.3	36.4	33.7	1.85	0.67	0.05	0.09	0.10	0.07	0.07	0.11
MIDDLE ATLANTIC:																				
New York	42.4	52.8	2.4	3.5	4.2	3.0	4.4	44.0	35.4	30.4	30.6	33.0	1.75	0.63	0.36	0.60	0.71	0.75	0.71	1.46
New Jersey	77.0	75.8	15.0	14.7	14.9	13.4	16.4	37.6	37.7	37.2	32.3	32.4	1.65	0.67	0.27	0.37	0.39	0.41	0.41	0.64
Pennsylvania	79.8	77.8	11.4	10.9	11.2	9.5	10.2	45.6	30.1	35.0	33.8	33.4	1.55	0.66	1.53	2.62	1.63	1.95	1.99	2.61
EAST NORTH CENTRAL:																				
Ohio	87.9	85.7	19.2	20.4	19.9	17.4	18.2	42.1	40.2	39.7	35.7	34.1	1.45	0.52	4.06	6.39	6.17	5.70	5.37	6.38
Indiana	89.9	87.9	26.7	28.9	27.0	23.7	26.4	35.6	39.9	39.8	30.4	31.4	1.45	0.50	5.08	6.76	7.66	6.71	5.13	6.58
Illinois	88.0	90.1	29.0	35.8	37.1	30.6	34.5	36.1	38.8	38.8	36.8	36.1	1.45	0.51	9.01	12.16	15.29	14.93	13.65	18.57
Michigan	74.1	78.2	9.8	12.4	12.7	10.1	11.1	35.5	33.3	29.7	28.9	35.3	1.50	0.56	1.45	1.92	2.07	1.67	1.36	1.85
Wisconsin	64.3	73.0	9.2	12.2	13.3	11.4	11.1	38.7	33.7	35.6	30.4	33.7	1.45	0.52	1.31	1.90	1.93	2.00	1.60	1.95
WEST NORTH CENTRAL:																				
Minnesota	68.1	72.4	11.1	10.2	7.8	8.1	6.1	35.6	33.9	32.8	27.4	33.8	1.30	0.45	2.71	3.61	2.66	1.77	1.16	0.85
Iowa	93.0	90.6	31.5	31.3	32.8	29.8	33.3	41.2	37.1	39.1	41.3	41.6	1.35	0.49	10.26	15.83	13.39	14.38	14.75	15.67
Missouri	86.3	87.0	22.4	28.9	32.4	30.7	33.4	26.3	26.9	28.1	32.4	36.2	1.50	0.56	6.34	6.24	7.50	7.83	9.28	11.54
North Dakota	13.4	20.2	0.8	0.9	0.6	0.3	0.3	20.3	26.7	20.6	15.0	27.8	1.40	0.49	0.22	0.17	0.19	0.05	0.01	(1)
South Dakota	73.2	63.5	15.1	12.9	10.6	10.8	10.1	25.1	27.3	27.1	17.5	22.0	1.30	0.48	3.14	2.94	2.18	1.22	0.62	0.11
Nebraska	90.0	87.3	29.0	29.8	39.8	35.9	29.6	23.9	24.8	28.8	30.4	40.1	1.35	0.49	7.63	6.84	7.06	7.91	10.17	3.73
Kansas	68.0	84.6	12.0	27.1	33.0	32.8	31.8	16.2	19.1	27.8	35.5	30.9	1.45	0.52	4.19	2.55	6.06	8.62	12.23	6.03
SOUTH ATLANTIC:																				
Delaware	94.2	91.6	26.1	26.5	25.5	22.9	27.1	21.6	25.6	24.7	17.7	19.3	1.60	0.60	0.19	0.16	0.19	0.18	0.15	0.22
Maryland	88.5	86.0	19.7	19.3	18.7	17.2	19.9	34.0	27.7	30.0	25.4	24.0	1.55	0.61	0.71	0.90	0.70	0.74	0.70	0.91
District of Columbia	35.8	31.3	8.7	8.3	7.8	3.5	8.2	42.3	29.7	32.4	30.8	28.8	1.65	0.70	(1)	(1)	(1)	(1)	(1)	(1)
Virginia	91.5	88.9	19.1	18.8	18.9	17.5	20.8	23.4	20.6	19.2	17.0	16.5	1.85	0.75	2.06	1.80	1.50	1.38	1.28	1.66
West Virginia	88.8	85.9	10.3	12.2	13.2	13.0	14.9	29.9	25.3	22.9	23.2	24.9	1.75	0.70	0.65	0.73	0.67	0.62	0.65	0.80
North Carolina	93.8	90.0	28.2	27.9	32.7	30.2	35.6	17.7	13.8	12.8	10.9	12.2	1.95	0.92	2.63	1.75	1.33	1.31	1.21	1.60
South Carolina	94.2	88.8	28.4	25.7	30.7	25.6	31.5	15.7	13.3	9.8	10.2	9.0	2.00	0.99	2.00	1.17	0.82	0.65	0.65	0.67
Georgia	94.9	87.1	32.7	27.5	32.8	26.9	30.9	12.1	11.6	9.8	11.3	9.1	1.75	0.94	4.86	2.20	1.54	1.28	1.38	1.32
Florida	75.9	75.4	34.4	33.6	37.7	33.1	38.0	11.2	11.6	9.3	9.8	8.8	1.60	0.81	0.90	0.38	0.28	0.20	0.17	0.18
EAST SOUTH CENTRAL:																				
Kentucky	87.3	83.4	23.2	23.9	24.2	25.0	28.2	22.0	24.3	22.3	26.5	24.1	1.75	0.61	3.70	3.05	3.27	2.77	3.70	4.15
Tennessee	91.0	85.8	29.5	28.9	32.9	29.8	34.2	21.4	21.5	19.9	22.8	21.6	1.80	0.68	3.76	3.01	2.65	2.52	3.00	3.58
Alabama	96.0	87.1	33.7	26.5	31.7	27.6	32.2	13.1	11.9	12.8	14.1	12.4	1.85	0.93	3.80	1.86	1.20	1.31	1.42	1.45
Mississippi	90.4	82.5	28.5	24.1	30.0	24.9	30.1	14.3	13.1	17.0	15.3	13.6	1.85	0.92	3.03	1.62	1.11	1.45	1.23	1.22
WEST SOUTH CENTRAL:																				
Arkansas	85.6	82.0	24.9	28.2	33.3	30.1	36.1	14.9	16.5	19.0	20.6	18.6	1.80	0.74	2.61	1.46	1.47	1.66	1.60	1.38
Louisiana	89.4	83.7	26.7	30.2	28.8	22.2	27.1	14.4	16.4	16.4	15.6	13.3	1.70	0.63	1.71	0.92	1.02	0.83	0.62	0.56
Oklahoma	71.6	78.1	13.6	33.7	29.2	2.4	.....	21.8	15.9	27.6	17.6	.....	1.35	0.51	2.82	2.30	3.69	2.59	0.01	.....
Texas	78.3	69.0	15.2	18.8	25.6	14.8	19.5	22.8	14.7	21.9	22.4	11.8	1.35	0.67	5.41	4.62	2.96	4.12	3.26	1.66
MOUNTAIN:																				
Montana	2.5	6.2	0.2	0.3	0.2	0.1	0.1	8.5	28.8	23.0	14.0	28.7	1.70	0.68	0.02	0.01	0.01	(1)	(1)	(1)
Idaho	8.4	4.4	0.5	0.3	0.3	0.2	0.3	27.5	34.6	24.3	18.1	28.8	1.70	0.60	0.03	0.03	0.01	(1)	(1)	(1)
Wyoming	11.7	9.7	1.8	0.7	0.2	0.4	.....	10.1	19.0	19.2	12.7	.....	1.65	0.58	0.04	0.02	0.01	(1)	(1)	.....
Colorado	38.2	27.5	9.7	7.6	3.7	6.5	3.7	13.4	15.0	15.0	12.7	19.8	1.40	0.55	0.86	0.43	0.19	0.05	0.07	0.03
New Mexico	62.1	29.1	13.2	5.9	12.6	10.8	17.5	20.9	13.5	16.4	20.4	15.3	1.50	0.84	0.26	0.20	0.05	0.03	0.03	0.04
Arizona	20.8	24.6	3.1	4.5	4.6	4.2	3.2	20.1	19.1	17.6	19.1	19.1	1.95	0.98	0.03	0.02	0.01	0.01	(1)	(1)
Utah	13.0	11.7	0.8	0.5	1.1	1.1	2.9	19.2	23.4	21.7	14.7	13.6	1.95	0.79	0.02	0.01	0.01	0.01	(1)	0.01
Nevada	4.6	6.1	0.1	0.1	0.1	(2)	0.1	26.9	35.5	25.2	23.9	26.5	1.80	1.14	(1)	(1)	(1)	(1)	(1)	(1)
PACIFIC:																				
Washington	8.0	5.6	0.5	0.4	0.3	0.5	0.4	25.9	21.6	20.9	16.3	18.5	1.80	0.72	0.04	0.04	0.02	0.01	0.01	(1)
Oregon	14.5	8.2	0.7	0.4	0.5	0.3	0.3	26.5	26.1	21.2	19.7	22.5	1.65	0.69	0.04	0.04	0.02	0.01	0.01	0.01
California	7.0	6.5	1.0	0.5	0.5	0.6	0.7	29.5	24.5	27.4	33.9	27.8	1.70	0.85	0.13	0.15	0.05	0.06	0.11	0.11

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

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

Wheat.—The acreage of wheat harvested in the United States in 1919 was 73,099,421, as compared with 44,262,592 acres in 1909, representing an increase of 28,836,829 acres, or 65.1 per cent. A part of this increase took place in states where new land was being brought under cultivation, especially in the Northwest, but there were marked increases in the wheat acreage in many other states. In particular, wheat appears to have been sown on large areas of land which in normal times would have been planted to corn; and the figures indicate that considerable areas were also transferred from other crops to wheat.

The production of wheat in the United States in 1919 was 945,403,215 bushels, or 12.9 bushels per acre, as compared with 683,379,259 bushels, or 15.4 bushels per acre, in 1909; and the per capita production in 1919 was 8.9 bushels, as against 7.4 bushels in 1909. The value of the wheat crop harvested in 1919 was $2,074,078,801.

A summary of the available census data with regard to the production of wheat in the United States, beginning with the production of 1849, is given in Table 13. The principal data are also given, by divisions and states, in Tables 17 to 21, inclusive.

TABLE 13.—WHEAT—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 17, 18, and 19.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	2,225,134	1,458,667	2,053,912					
Per cent of all farms	34.5	22.9	35.8					
Acreage	73,099,421	44,262,592	52,588,574	33,579,514	35,430,333			
Increase over preceding census [1]	28,836,829	−8,325,982	19,009,060	−1,850,819				
Per cent of increase [1]	65.1	−15.8	56.6	−5.2				
Average per farm reporting	32.9	30.3	25.6					
Per cent that acreage in wheat formed of—								
Total improved acreage	14.5	9.3	12.7	9.4	12.4			
Total reported crop acreage	21.0	14.2	18.6					
Production (bushels)	945,403,215	683,379,259	658,534,252	468,373,968	459,483,137	287,745,626	173,104,924	100,485,944
Increase over preceding census	262,023,956	24,845,007	190,160,284	8,890,831	171,737,511	114,640,702	72,618,980	
Per cent of increase	38.3	3.8	40.6	1.9	59.7	66.2	72.3	
Average yield per acre	12.9	15.4	12.5	13.9	13.0			
Per capita production	8.9	7.4	8.7	7.4	9.2	7.5	5.5	
Value	$2,074,078,801	$657,656,801	$369,945,320					
Increase over preceding census	$1,416,422,000	$287,711,481						
Per cent of increase	215.4	77.8						
Average per bushel	$2.19	$0.96	$0.56					
Average per acre	$28.37	$14.86	$7.03					
Per cent that value of wheat formed of total value of all crops	14.1	12.6	12.9					

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

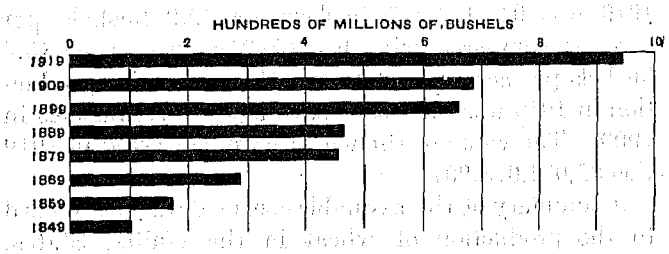
TABLE 14.—THE TEN STATES LEADING IN ACREAGE OF WHEAT: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Acreage.	Per cent of total.	Rank.	STATE.	Acreage.	Per cent of total.
	United States.	**73,099,421**	**100.0**		**United States.**	**44,262,592**	**100.0**
1	Kansas	11,266,664	15.41	1	North Dakota	8,188,782	18.50
2	North Dakota	9,098,042	12.45	2	Kansas	5,973,785	13.50
3	Oklahoma	4,702,280	6.43	3	Minnesota	3,276,911	7.40
4	Missouri	4,564,990	6.24	4	South Dakota	3,217,255	7.27
5	Nebraska	4,294,156	5.87	5	Nebraska	2,662,918	6.02
6	Illinois	4,103,035	5.61	6	Illinois	2,185,091	4.94
7	South Dakota	3,891,468	5.32	7	Washington	2,118,015	4.79
8	Minnesota	3,793,402	5.19	8	Indiana	2,082,835	4.71
9	Ohio	2,922,592	4.00	9	Missouri	2,017,128	4.56
10	Indiana	2,798,657	3.83	10	Ohio	1,827,932	4.13

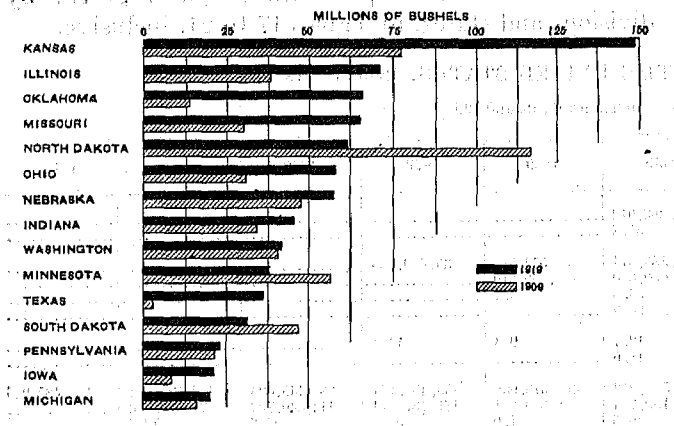
TABLE 15.—THE TEN STATES LEADING IN PRODUCTION OF WHEAT: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Production (bushels).	Per cent of total.	Rank.	STATE.	Production (bushels).	Per cent of total.
	United States.	**945,403,215**	**100.0**		**United States.**	**683,379,259**	**100.0**
1	Kansas	148,475,729	15.71	1	North Dakota	116,781,886	17.09
2	Illinois	70,890,917	7.50	2	Kansas	77,577,115	11.35
3	Oklahoma	65,761,843	6.96	3	Minnesota	57,094,412	8.35
4	Missouri	65,210,462	6.90	4	Nebraska	47,685,745	6.98
5	North Dakota	61,540,404	6.51	5	South Dakota	47,069,590	6.89
6	Ohio	58,124,351	6.15	6	Washington	40,920,390	5.99
7	Nebraska	57,843,598	6.12	7	Illinois	37,830,732	5.54
8	Indiana	45,207,862	4.78	8	Indiana	33,935,972	4.97
9	Washington	41,837,909	4.43	9	Ohio	30,663,704	4.49
10	Minnesota	37,616,384	3.98	10	Missouri	29,837,429	4.37

PRODUCTION OF WHEAT IN THE UNITED STATES: 1849 TO 1919.



PRODUCTION OF WHEAT, 15 LEADING STATES: 1919 AND 1909.



Separate figures are given in Tables 16, 20, and 21 for spring and winter wheat. The difference between these two varieties is that the former is sown in the spring and matures within one season, while the latter, being hardened by cultivation, is sown in the fall and rests in the ground all winter, after germinating, and is harvested the following summer. In states like New Mexico, Arizona, and southern California, however, where there is practically no winter, wheat may be sown in the fall and yet belong to the spring variety. Durum or macaroni wheat is a hardy variety of spring wheat noted for its resistance to drought and rust.

The transfer of land that would normally have been devoted to corn to the growing of wheat in 1919 appears to have been largely responsible for the greater absolute and relative increases in the acreage of winter wheat than of spring wheat—most of the wheat grown in the corn belt being winter wheat.

TABLE 16.—WINTER AND SPRING WHEAT—SUMMARY FOR THE UNITED STATES: 1919 AND 1909.

[Figures for divisions and states in Tables 17, 20, and 21.]

ITEM AND CENSUS YEAR	Total.	Winter wheat.	Spring wheat.	PER CENT OF TOTAL.	
				Winter wheat.	Spring wheat.
Farms reporting..1919..	2,225,134	1,740,300	566,811	.....	.....
Acreage.....1919..	73,099,421	49,912,993	23,186,428	68.3	31.7
1909..	44,262,592	27,151,489	17,111,103	61.3	38.7
Increase.....	28,836,829	22,761,504	6,075,325	.....	.....
Per cent increase...	65.1	83.8	35.5	.....	.....
Production (bu.).1919..	945,403,215	741,748,210	203,655,005	78.5	21.5
1909..	683,379,259	419,732,982	263,646,277	61.4	38.6
Increase[1].....	262,023,956	322,015,228	−59,991,272	.....	.....
Per cent increase[1].	38.3	76.7	−22.8	.....	.....
Value.....1919..	$2,074,078,801	$1,610,191,898	$463,886,903	77.6	22.4
1909..	657,656,801	411,648,205	246,008,596	62.6	37.4

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

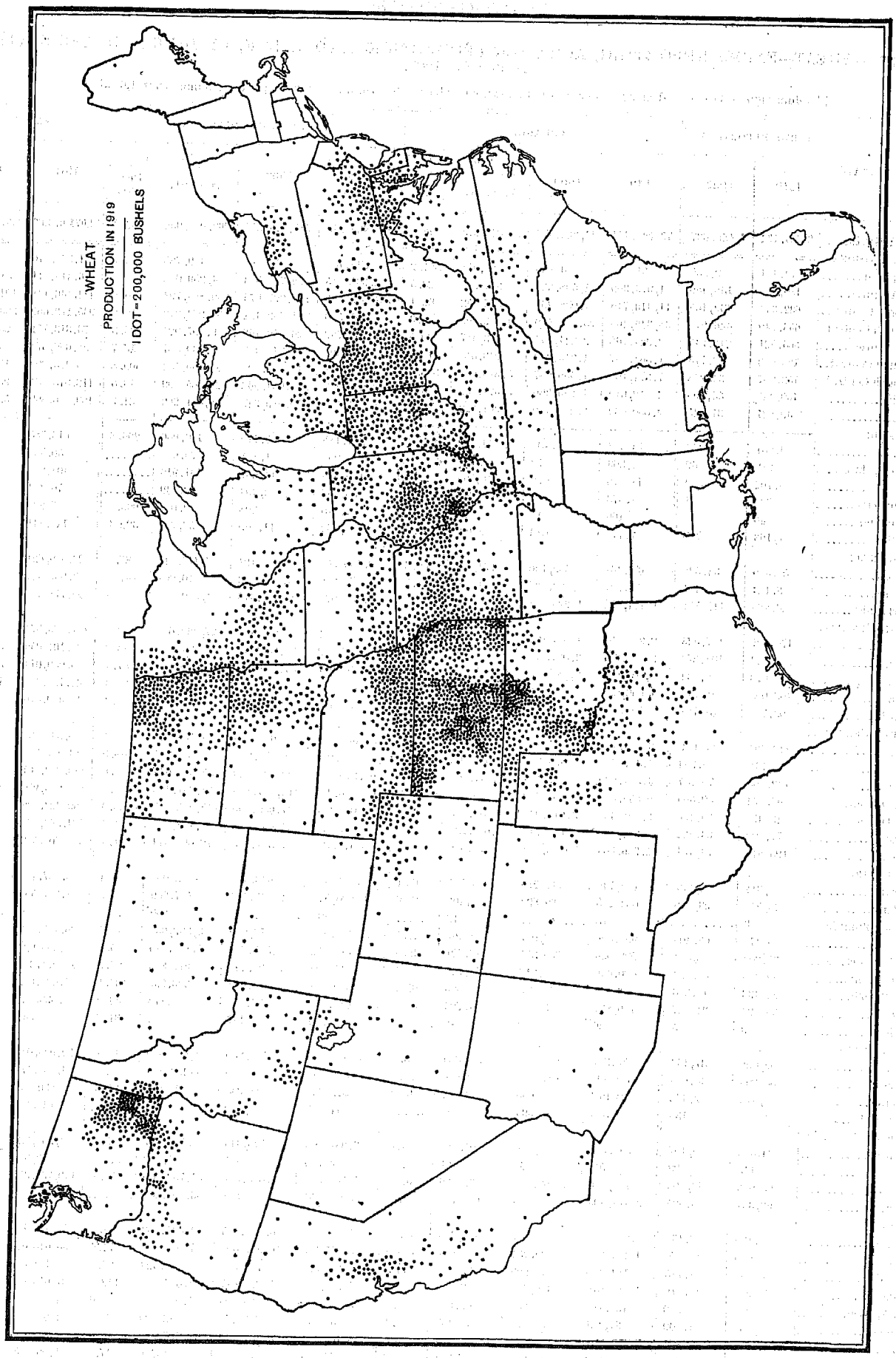

WHEAT
PRODUCTION IN 1919
1 DOT = 200,000 BUSHELS

TABLE 17.—WHEAT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, 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.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**2,225,134**	**1,458,667**	**73,099,421**	**44,262,592**	**28,836,829**	**65.1**	**945,403,215**	**683,379,259**	**262,023,956**	**38.3**	**$2,074,078,801**	**$657,658,801**
GEOGRAPHIC DIVISIONS:												
New England	13,481	2,236	31,864	4,893	26,971	551.2	544,786	114,998	429,788	373.7	1,268,576	122,532
Middle Atlantic	189,989	158,480	1,973,309	1,598,325	374,984	23.5	33,968,515	29,717,833	4,250,682	14.3	76,415,411	31,665,041
East North Central	632,344	432,165	11,410,716	7,038,364	4,372,352	62.1	201,963,399	121,097,675	80,865,724	66.8	444,146,148	121,835,650
West North Central	653,240	446,974	38,346,465	25,863,556	12,482,909	48.3	423,365,500	384,092,121	39,273,379	10.2	935,172,662	363,923,162
South Atlantic	305,821	212,246	2,924,762	2,241,345	683,417	30.5	32,847,792	26,650,768	6,197,024	23.3	76,313,751	28,725,004
East South Central	126,023	83,775	1,564,887	1,315,243	249,644	19.0	17,015,009	15,374,422	1,640,587	10.7	38,086,974	15,851,025
West South Central	153,987	35,048	7,374,160	1,556,087	5,818,073	373.9	104,246,291	17,096,127	87,150,164	509.8	220,415,296	17,278,603
Mountain	100,428	55,998	4,812,619	1,285,360	3,527,259	274.4	53,220,367	29,654,968	23,565,399	79.5	112,913,384	25,930,395
Pacific	49,821	31,745	4,660,639	3,359,419	1,301,220	38.7	78,231,556	59,580,347	18,651,209	31.3	169,346,599	52,275,389
NEW ENGLAND:												
Maine	4,961	1,433	14,464	3,407	11,057	324.5	261,185	85,119	176,066	206.8	613,785	91,554
New Hampshire	912	62	1,366	70	1,296	.....	21,968	1,311	20,657	.....	50,526	1,406
Vermont	5,702	360	11,276	678	10,598	.....	176,003	14,087	161,916	.....	404,808	14,279
Massachusetts	703	81	1,876	109	1,767	.....	33,253	2,404	30,849	.....	76,484	2,515
Rhode Island	40	7	106	13	93	.....	2,275	208	2,067	993.8	5,232	211
Connecticut	1,163	293	2,776	616	2,160	350.6	50,102	11,869	38,233	322.1	117,741	12,567
MIDDLE ATLANTIC:												
New York	55,580	34,328	463,461	289,130	174,331	60.3	9,136,268	6,664,121	2,472,147	37.1	20,556,621	7,175,523
New Jersey	8,124	8,401	84,897	83,637	1,260	1.5	1,378,269	1,489,233	—110,964	—7.5	3,087,324	1,568,880
Pennsylvania	126,285	115,751	1,424,951	1,225,558	199,393	16.3	23,453,978	21,564,479	1,889,499	8.8	52,771,466	22,920,038
EAST NORTH CENTRAL:												
Ohio	176,421	137,523	2,922,592	1,827,932	1,094,660	59.9	58,124,351	30,663,704	27,460,647	89.6	127,873,574	31,112,975
Indiana	123,043	104,273	2,798,657	2,082,835	715,822	34.4	45,207,862	33,935,972	11,271,890	33.2	98,101,056	33,593,141
Illinois	136,079	76,434	4,103,035	2,185,091	1,917,944	87.8	70,890,917	37,830,732	33,060,185	87.4	155,960,014	38,000,712
Michigan	103,093	82,214	1,056,687	802,137	254,550	31.7	20,411,825	16,025,791	4,386,034	27.4	45,722,488	16,586,868
Wisconsin	93,708	31,721	529,745	140,369	389,376	277.4	7,328,444	2,641,476	4,686,968	177.4	16,489,016	2,591,954
WEST NORTH CENTRAL:												
Minnesota	113,491	93,049	3,793,402	3,276,911	516,491	15.8	37,616,384	57,094,412	—19,478,028	—34.1	88,398,508	56,007,435
Iowa	76,219	36,284	1,437,743	526,777	910,966	172.9	21,591,928	8,055,944	13,536,984	168.0	44,479,372	7,703,205
Missouri	142,800	79,757	4,564,990	2,017,128	2,547,862	126.3	65,210,462	29,837,429	35,373,033	118.6	140,202,501	29,926,209
North Dakota	67,724	59,365	9,098,042	8,188,782	909,260	11.1	61,540,404	116,781,886	—55,241,482	—47.3	147,696,970	109,129,869
South Dakota	49,372	39,496	3,891,468	3,217,255	674,213	21.0	31,086,995	47,050,590	—15,972,595	—33.9	69,323,996	42,878,223
Nebraska	77,792	64,322	4,294,156	2,662,918	1,631,238	61.3	57,843,598	47,685,745	10,157,853	21.3	124,363,735	44,225,930
Kansas	125,842	74,701	11,266,664	5,973,785	5,292,879	88.6	148,475,729	77,577,115	70,898,614	91.4	320,707,580	74,052,291
SOUTH ATLANTIC:												
Delaware	5,312	4,827	125,740	111,215	14,525	13.1	1,571,567	1,643,572	—72,005	—4.4	3,457,447	1,697,539
Maryland	26,277	23,358	664,295	589,893	74,402	12.6	9,620,526	9,463,457	157,069	1.7	21,357,568	9,876,480
Dist. of Columbia	3	.....	18	.....	18	.....	200	.....	200	.....	446	.....
Virginia	89,472	63,405	990,506	692,907	297,599	42.9	11,446,027	8,076,989	3,369,038	41.7	26,783,702	8,776,061
West Virginia	35,203	22,344	298,036	209,315	88,721	42.4	3,747,812	2,575,996	1,171,816	45.5	8,395,097	2,697,141
North Carolina	89,388	65,124	620,659	501,912	118,747	23.7	4,744,528	3,827,145	917,383	24.0	11,861,354	4,420,322
South Carolina	24,433	11,356	84,621	43,028	41,593	96.7	630,911	310,614	320,297	103.1	1,634,062	385,835
Georgia	35,724	21,827	140,861	93,065	47,796	51.4	1,085,972	752,858	333,114	44.2	2,823,527	871,494
Florida	9	5	26	10	16	.....	249	137	112	81.8	548	132
EAST SOUTH CENTRAL:												
Kentucky	59,628	37,164	839,987	681,323	158,664	23.3	10,375,129	8,739,260	1,635,869	18.7	22,929,042	8,812,469
Tennessee	56,896	44,013	684,497	619,861	64,636	10.4	6,362,357	6,516,539	—154,182	—2.4	14,506,174	6,913,335
Alabama	8,473	2,463	84,017	13,665	20,352	148.9	222,838	113,953	108,885	95.6	530,356	120,873
Mississippi	1,026	135	6,386	394	5,992	.....	54,685	4,670	50,015	.....	121,402	4,348
WEST SOUTH CENTRAL:												
Arkansas	24,582	5,197	256,211	60,426	195,785	324.0	2,051,405	526,414	1,524,991	289.7	4,266,922	532,712
Louisiana	118	23	766	65	701	.....	5,788	488	5,300	.....	13,603	508
Oklahoma	66,953	23,003	4,702,280	1,169,420	3,532,860	302.1	65,761,843	14,008,334	51,753,509	369.4	140,730,350	13,854,322
Texas	62,334	6,825	2,414,903	326,176	2,088,727	640.4	36,427,255	2,560,891	33,866,364	.....	75,404,421	2,891,061
MOUNTAIN:												
Montana	23,136	8,164	1,698,531	258,377	1,440,154	557.4	7,799,647	6,251,945	1,547,702	24.8	18,641,156	5,329,389
Idaho	22,620	12,676	1,141,295	399,234	742,061	185.9	17,877,113	10,237,609	7,639,504	74.6	36,648,087	8,412,587
Wyoming	4,468	2,735	181,420	41,968	139,452	332.3	1,445,227	738,698	706,529	95.6	3,121,693	644,251
Colorado	23,961	11,719	1,328,616	340,729	987,887	289.9	18,260,663	7,224,057	11,036,606	152.8	37,616,960	6,463,926
New Mexico	9,032	6,160	135,185	32,341	102,844	318.0	2,437,213	499,799	1,937,414	387.6	4,874,426	508,726
Arizona	1,764	1,409	37,131	20,028	17,103	85.4	835,374	362,875	472,499	130.2	1,921,358	410,214
Utah	14,488	12,387	268,457	178,423	90,034	50.5	4,100,979	3,943,910	157,069	4.0	9,022,154	3,785,017
Nevada	959	748	21,984	14,260	7,724	54.2	464,151	396,075	68,076	17.2	1,067,550	396,285
PACIFIC:												
Washington	19,194	13,865	2,494,160	2,118,015	376,145	17.8	41,837,909	40,920,390	917,519	2.2	91,206,642	35,102,370
Oregon	20,666	13,202	1,080,051	763,187	316,864	41.5	19,526,765	12,456,751	7,070,014	56.8	41,201,480	10,849,036
California	9,961	4,678	1,086,428	478,217	608,211	127.2	16,866,882	6,203,206	10,663,676	171.9	36,938,477	6,323,953

TABLE 18.—WHEAT—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
United States	73,099,421	44,262,592	52,588,574	33,579,514	35,430,333	945,403,215	683,379,259	658,534,252	468,373,968	459,483,137	32.9	30.3
GEOGRAPHIC DIVISIONS:												
New England	31,864	4,893	9,237	15,106	79,003	544,786	114,998	166,125	289,124	1,227,037	2.4	2.2
Middle Atlantic	1,973,309	1,598,325	2,204,350	1,902,603	2,331,755	33,968,515	29,717,833	32,947,945	31,723,420	32,951,910	10.4	10.1
East North Central	11,410,716	7,038,364	10,410,893	9,325,839	12,165,280	201,963,390	121,097,675	134,698,890	146,737,543	204,827,456	18.0	16.3
West North Central	38,340,465	25,863,556	25,085,308	13,255,717	11,764,917	423,365,500	384,092,121	306,602,028	174,579,287	124,723,299	58.7	57.9
South Atlantic	2,924,762	2,241,345	3,368,872	2,670,335	3,244,860	32,847,792	26,650,768	31,902,857	27,435,104	28,534,367	9.6	10.6
East South Central	1,564,887	1,315,243	2,987,483	1,818,215	2,665,166	17,015,009	15,374,422	26,854,542	19,233,412	20,436,013	12.4	15.7
West South Central	7,374,160	1,556,087	2,934,687	494,985	579,155	104,246,291	17,096,127	35,046,935	5,269,444	3,842,486	47.9	44.4
Mountain	4,812,619	1,285,360	942,858	330,197	241,137	53,220,367	29,654,968	18,084,360	6,595,137	4,521,530	47.9	23.0
Pacific	4,660,639	3,359,419	4,644,886	3,766,517	2,359,030	78,231,556	59,580,347	72,230,570	56,511,497	38,419,039	93.5	105.8
NEW ENGLAND:												
Maine	14,464	3,407	6,667	4,116	43,829	261,185	85,119	116,720	79,826	665,714	2.9	2.4
New Hampshire	1,366	70	271	2,027	11,248	21,968	1,311	4,035	35,192	169,316	1.5	1.1
Vermont	11,276	678	1,796	8,397	20,748	176,003	14,087	34,650	164,720	337,257	2.0	1.9
Massachusetts	1,876	109	95	112	963	33,253	2,404	1,750	1,813	15,768	2.7	1.3
Rhode Island	106	13	15	11	17	2,275	208	310	91	240	2.7	1.9
Connecticut	2,776	616	393	443	2,198	50,102	11,869	8,660	7,482	38,742	2.4	2.1
MIDDLE ATLANTIC:												
New York	463,461	289,130	557,736	402,561	736,611	9,136,268	6,664,121	10,412,675	8,304,539	11,587,766	8.3	8.4
New Jersey	84,897	83,637	132,571	121,570	149,760	1,378,269	1,489,233	1,902,590	1,823,382	1,901,739	10.5	10.0
Pennsylvania	1,424,951	1,225,558	1,514,043	1,318,472	1,445,384	23,453,978	21,564,479	20,632,680	21,595,499	19,462,405	11.3	10.6
EAST NORTH CENTRAL:												
Ohio	2,922,592	1,827,932	3,209,074	2,269,585	2,556,134	58,124,351	30,663,704	50,376,800	35,559,208	46,014,869	16.6	13.3
Indiana	2,798,657	2,082,835	2,893,293	2,570,017	2,619,695	45,207,862	33,935,972	34,986,280	37,318,798	47,284,853	22.7	20.0
Illinois	4,103,035	2,185,091	1,826,143	2,240,932	3,218,542	70,890,917	37,830,732	19,795,500	37,389,444	51,110,502	30.2	28.6
Michigan	1,056,687	802,137	1,925,769	1,501,225	1,822,749	20,411,825	16,025,791	20,535,140	24,771,171	35,532,543	10.2	9.8
Wisconsin	529,745	140,369	556,614	744,080	1,948,160	7,328,444	2,641,476	9,005,170	11,698,922	24,884,689	5.7	4.4
WEST NORTH CENTRAL:												
Minnesota	3,793,402	3,276,911	6,560,707	3,372,627	3,044,670	37,616,384	57,094,412	95,278,660	52,300,247	34,601,030	33.4	35.2
Iowa	1,437,743	526,777	1,689,705	585,548	3,049,288	21,591,928	8,055,944	22,769,440	8,249,786	31,154,205	18.9	14.5
Missouri	4,564,990	2,017,128	2,056,219	1,946,785	2,074,394	65,210,462	29,837,429	23,072,768	30,113,821	24,966,627	32.0	25.3
North Dakota [1]	9,098,042	8,188,782	4,451,251	2,709,421	84,854	61,540,404	116,781,886	59,888,810	26,403,365	1,737,343	134.3	137.9
South Dakota [1]	3,891,468	3,217,255	3,984,659	2,259,846	180,444	31,086,995	47,059,590	41,889,380	16,541,138	1,092,946	78.8	81.5
Nebraska	4,294,156	2,662,918	2,538,949	798,855	1,409,865	57,843,598	47,685,745	24,924,520	10,571,059	13,847,007	55.2	41.4
Kansas	11,266,664	5,973,785	3,803,818	1,582,635	1,861,402	148,475,729	77,577,115	38,778,450	30,399,871	17,324,141	89.5	80.0
SOUTH ATLANTIC:												
Delaware	125,740	111,215	118,740	94,368	87,539	1,571,567	1,643,572	1,870,570	1,501,050	1,175,272	23.7	23.0
Maryland	664,295	589,893	634,446	510,727	569,296	9,620,526	9,463,457	9,671,800	8,348,177	8,004,864	25.3	25.3
District of Columbia	18	.....	17	30	284	200	.....	410	600	6,402	6.0	.....
Virginia	990,506	692,907	927,266	737,510	901,177	11,446,027	8,076,989	8,907,510	7,904,092	7,826,174	11.1	10.9
West Virginia	298,036	209,315	447,928	349,016	393,068	3,747,812	2,575,996	4,326,150	3,634,197	4,001,711	8.5	9.4
North Carolina	620,659	501,912	746,984	666,509	646,829	4,744,528	3,827,145	4,342,351	4,292,035	3,397,393	6.9	7.7
South Carolina	84,621	43,028	174,245	115,510	170,902	630,911	310,614	1,017,319	658,351	962,358	3.5	3.8
Georgia	140,861	93,065	319,161	196,633	475,684	1,085,972	752,858	1,765,947	1,096,312	3,159,771	3.9	4.3
Florida	26	10	85	32	81	249	137	800	290	422	2.9	2.0
EAST SOUTH CENTRAL:												
Kentucky	839,987	681,323	1,431,027	898,694	1,160,108	10,375,129	8,739,260	14,264,500	10,707,462	11,356,113	14.1	18.3
Tennessee	684,497	619,861	1,426,112	877,361	1,196,563	6,362,357	6,516,539	11,924,010	8,300,789	7,331,353	12.0	14.1
Alabama	34,017	13,665	123,897	39,641	264,971	222,838	113,953	628,775	208,591	1,529,657	4.0	5.5
Mississippi	6,386	394	6,447	2,519	43,524	54,685	4,670	37,257	16,570	218,890	6.2	2.9
WEST SOUTH CENTRAL:												
Arkansas	256,211	60,426	379,453	140,464	204,084	2,051,405	526,414	2,449,970	955,668	1,269,715	10.4	11.6
Louisiana	766	65	214	41	1,501	5,788	488	2,345	257	5,034	6.5	2.8
Oklahoma [2]	4,702,280	1,169,420	1,527,073	2,003	.....	65,761,843	14,008,334	20,328,300	30,175	.....	70.2	50.8
Texas	2,414,903	326,176	1,027,947	352,477	373,570	36,427,255	2,560,891	12,266,320	4,283,344	2,567,737	38.7	47.8
MOUNTAIN:												
Montana	1,698,531	258,377	92,132	18,696	17,665	7,799,647	6,251,945	1,899,683	457,607	469,688	73.4	31.6
Idaho	1,141,295	399,234	266,305	63,704	22,066	17,877,113	10,237,609	5,340,180	1,176,878	540,589	50.5	31.5
Wyoming	181,420	41,968	19,416	4,584	241	1,445,227	738,698	348,890	74,450	4,674	40.6	15.3
Colorado	1,328,616	340,729	294,949	126,999	64,693	18,260,663	7,224,057	5,587,770	2,845,439	1,425,014	55.4	29.1
New Mexico	135,185	32,341	37,907	21,853	51,230	2,437,213	499,799	603,303	343,484	706,641	15.0	5.2
Arizona	37,131	20,028	24,377	6,225	9,026	835,374	362,875	440,252	100,328	136,427	21.0	14.2
Utah	268,457	178,423	189,235	84,505	72,542	4,100,979	3,943,910	3,413,470	1,515,465	1,169,199	18.5	14.4
Nevada	21,984	14,260	18,537	3,631	3,674	464,151	396,075	450,812	81,486	69,298	22.9	19.1
PACIFIC:												
Washington	2,494,160	2,118,015	1,088,102	372,658	81,554	41,837,909	40,920,390	21,187,527	6,345,426	1,921,322	129.9	152.8
Oregon	1,080,051	763,187	873,379	553,052	445,077	19,526,765	12,456,751	14,508,636	9,296,734	7,480,010	52.3	57.8
California	1,086,428	478,217	2,683,405	2,840,807	1,832,429	16,866,882	6,203,206	36,534,407	40,869,337	29,017,707	109.1	102.2

[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.
[2] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 19.—WHEAT—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 17 and 18. See footnotes on Table 18.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (BUSHELS).					AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909		1919	1909	1899	1889	1879
United States	34.5	22.9	14.5	9.3	12.7	9.4	12.4	12.9	15.4	12.5	13.9	13.0	$2.19	$0.96	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																				
New England	8.6	1.2	0.5	0.1	0.1	0.1	0.6	17.1	23.5	18.0	19.1	15.5	2.33	1.07	0.04	0.06	0.02	0.03	0.06	0.27
Middle Atlantic	44.7	33.8	7.4	5.5	7.2	6.0	7.0	17.2	18.6	14.9	16.7	14.1	2.25	1.07	2.70	3.59	4.35	5.00	6.77	7.17
East North Central	58.3	38.5	13.0	7.9	12.0	11.8	16.1	17.7	17.2	12.9	15.7	16.8	2.20	1.01	15.61	21.36	17.72	20.45	31.33	44.58
West North Central	59.6	40.3	22.4	15.7	18.5	12.6	19.2	11.0	14.8	12.2	13.2	10.6	2.21	0.95	52.46	44.78	56.20	46.56	37.27	27.14
South Atlantic	26.4	19.1	6.0	4.6	7.3	6.4	9.0	11.2	11.9	9.5	10.3	8.8	2.32	1.08	4.00	3.47	3.90	4.84	5.86	6.21
East South Central	12.0	8.0	3.5	3.0	7.4	5.1	8.6	10.9	11.7	9.0	10.6	7.7	2.24	1.03	2.14	1.80	2.25	4.08	4.11	4.45
West South Central	15.5	3.7	11.5	2.7	7.4	1.6	3.1	14.1	11.0	11.9	10.6	6.6	2.11	1.01	10.09	11.03	2.50	5.32	1.13	0.84
Mountain	41.1	30.5	16.0	8.1	11.2	6.0	10.9	11.1	23.1	19.2	20.0	18.8	2.12	0.87	6.58	5.63	4.34	2.75	1.41	0.98
Pacific	21.3	16.7	19.5	15.2	24.8	21.5	17.7	16.8	17.7	15.6	15.0	16.3	2.16	0.88	6.38	8.27	8.72	10.97	12.07	8.36
NEW ENGLAND:																				
Maine	10.3	2.4	0.7	0.1	0.3	0.1	1.3	18.1	25.0	17.5	19.4	15.2	2.35	1.08	0.02	0.03	0.01	0.02	0.02	0.14
New Hampshire	4.4	0.2	0.2	(1)	(1)	0.1	0.5	16.1	18.7	14.9	17.4	15.1	2.30	1.07	(2)	(2)	(2)	(2)	0.01	0.04
Vermont	19.6	1.1	0.7	(1)	0.1	0.3	0.6	15.6	20.8	19.3	19.6	16.3	2.30	1.01	0.02	0.02	(2)	0.01	0.04	0.07
Massachusetts	2.2	0.2	0.2	(1)	(1)	(1)	(1)	17.7	22.1	18.4	16.2	16.4	2.30	1.05	(2)	(2)	(2)	(2)	(2)	(2)
Rhode Island	1.0	0.1	0.1	(1)	(1)	(1)	(1)	21.5	16.0	20.7	8.3	14.1	2.30	1.01	(2)	(2)	(2)	(2)	(2)	(2)
Connecticut	5.1	1.1	0.4	0.1	(1)	(1)	0.1	18.0	19.3	22.0	16.9	17.6	2.35	1.06	(2)	0.01	(2)	(2)	(2)	0.01
MIDDLE ATLANTIC:																				
New York	28.8	15.9	3.5	1.9	3.6	2.8	4.2	19.7	23.0	18.7	18.0	15.7	2.25	1.08	0.63	0.97	0.98	1.58	1.77	2.52
New Jersey	27.4	25.1	5.5	4.6	6.7	6.1	7.1	16.2	17.8	14.4	15.0	12.7	2.24	1.05	0.12	0.15	0.22	0.29	0.39	0.41
Pennsylvania	62.4	52.8	12.0	9.7	11.5	10.0	10.8	16.5	17.6	13.6	16.4	13.5	2.25	1.06	1.95	2.48	3.16	3.13	4.61	4.24
EAST NORTH CENTRAL:																				
Ohio	68.7	50.6	15.8	9.5	16.7	12.4	14.1	19.9	16.8	15.7	15.7	18.0	2.20	1.01	4.00	6.15	4.49	7.65	7.59	10.01
Indiana	60.0	48.4	16.8	12.3	17.3	17.0	18.8	16.2	16.3	12.1	14.5	18.0	2.17	0.99	3.83	4.78	4.97	5.31	7.97	10.29
Illinois	57.4	30.3	15.0	7.8	6.6	8.7	12.3	17.3	17.3	10.8	16.7	15.9	2.20	1.00	5.61	7.50	5.54	3.01	7.98	11.12
Michigan	52.5	39.7	8.2	6.3	16.3	15.2	22.0	19.3	20.0	10.7	16.5	19.5	2.24	1.04	1.45	2.16	2.35	3.12	5.29	7.73
Wisconsin	49.5	17.9	4.3	1.2	4.9	7.6	21.3	13.8	18.8	16.2	15.7	12.8	2.25	0.98	0.72	0.78	0.39	1.37	2.50	5.42
WEST NORTH CENTRAL:																				
Minnesota	63.6	59.6	17.7	16.7	35.6	30.3	42.0	9.9	17.4	14.5	15.5	11.4	2.35	0.98	5.19	3.98	8.35	14.47	11.17	7.53
Iowa	35.7	16.7	5.0	1.8	5.7	2.3	15.3	15.0	15.3	13.5	14.1	10.2	2.06	0.96	1.97	2.28	1.18	3.46	1.76	6.78
Missouri	54.3	28.8	18.4	8.2	9.0	9.8	12.4	14.3	14.8	11.2	15.5	12.0	2.15	1.00	6.24	6.90	4.37	3.50	6.43	5.43
North Dakota	87.2	79.8	37.0	40.0	46.2	58.2	32.7	6.8	14.3	13.5	9.7	20.5	2.40	0.93	12.45	6.51	17.09	9.09	5.64	0.38
South Dakota	66.1	50.9	21.4	20.3	35.3	32.5	20.3	8.0	14.6	10.5	7.3	6.1	2.23	0.91	5.32	3.29	6.89	6.36	3.53	0.24
Nebraska	62.5	49.6	18.6	10.9	13.8	5.2	26.7	13.5	17.9	9.8	13.2	9.4	2.15	0.93	5.87	6.12	6.98	3.78	2.26	3.01
Kansas	76.1	42.0	36.8	20.0	15.2	7.1	17.3	13.2	13.0	10.2	19.2	9.3	2.16	0.95	15.41	15.71	11.35	5.89	6.49	3.77
SOUTH ATLANTIC:																				
Delaware	52.4	44.5	19.3	15.6	15.7	12.4	11.7	12.5	14.8	15.8	15.9	13.4	2.20	1.03	0.17	0.17	0.24	0.28	0.32	0.26
Maryland	54.8	47.7	21.2	17.6	18.0	15.0	17.0	14.5	16.0	15.2	16.3	14.1	2.22	1.04	0.91	1.02	1.38	1.47	1.78	1.74
District of Columbia	1.5	.....	0.4	.....	0.3	0.3	2.2	11.1	.....	24.1	20.0	22.5	2.23	.....	(2)	(2)	.....	(2)	(2)	(2)
Virginia	48.0	34.5	10.5	7.0	9.2	8.1	10.6	11.6	11.7	9.6	10.7	8.7	2.34	1.09	1.36	1.21	1.18	1.35	1.69	1.70
West Virginia	40.3	23.1	5.4	3.8	8.1	7.7	10.4	12.6	12.3	9.7	10.4	10.2	2.24	1.05	0.41	0.40	0.38	0.66	0.78	0.87
North Carolina	33.1	25.7	7.6	5.7	9.0	8.5	10.0	7.6	7.6	5.8	6.4	5.3	2.50	1.15	0.85	0.50	0.56	0.66	0.92	0.74
South Carolina	12.7	6.4	1.4	0.7	3.0	2.2	4.1	7.5	7.2	5.8	5.7	5.6	2.59	1.24	0.12	0.07	0.05	0.15	0.14	0.21
Georgia	11.5	7.5	1.1	0.8	3.0	2.1	5.8	7.7	8.1	5.5	5.6	6.6	2.60	1.16	0.19	0.11	0.11	0.27	0.23	0.69
Florida	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9.6	13.7	9.4	9.1	5.2	2.20	0.96	(2)	(2)	(2)	(2)	(2)	(2)
EAST SOUTH CENTRAL:																				
Kentucky	22.0	14.3	6.0	4.7	10.4	7.6	10.8	12.4	12.8	10.0	11.9	9.8	2.21	1.01	1.15	1.10	1.28	2.17	2.29	2.47
Tennessee	22.5	17.9	6.1	5.7	13.9	9.4	14.1	9.3	10.5	8.4	9.5	6.1	2.28	1.06	0.94	0.67	0.95	1.81	1.77	1.60
Alabama	3.3	0.9	0.3	0.1	1.4	0.5	4.2	6.6	8.3	5.1	5.3	5.8	2.38	1.06	0.05	0.02	0.02	0.10	0.04	0.33
Mississippi	0.4	(1)	0.1	(1)	0.1	(1)	0.8	8.6	11.9	5.8	6.6	5.0	2.22	0.93	0.01	0.01	(2)	0.01	(2)	0.05
WEST SOUTH CENTRAL:																				
Arkansas	10.6	2.4	2.8	0.7	5.5	2.6	5.7	8.0	8.7	6.5	6.8	6.2	2.08	1.01	0.35	0.22	0.08	0.37	0.20	0.28
Louisiana	0.1	(1)	(1)	(1)	(1)	(1)	0.1	7.6	7.5	11.0	6.3	3.4	2.35	1.04	(2)	(2)	(2)	(2)	(2)	(2)
Oklahoma	34.9	12.1	25.9	6.7	17.8	0.4	.....	14.0	12.0	13.3	15.1	.....	2.14	0.99	6.43	6.96	2.05	3.09	0.01	.....
Texas	14.3	1.6	7.7	1.2	5.3	1.7	3.0	15.1	7.9	11.9	12.2	6.9	2.07	1.13	3.30	3.85	0.37	1.86	0.91	0.56
MOUNTAIN:																				
Montana	40.1	31.1	15.4	7.1	5.3	2.0	6.7	4.6	24.2	20.6	24.5	26.6	2.39	0.85	2.32	0.83	0.91	0.29	0.10	0.10
Idaho	53.7	41.1	25.3	14.4	18.8	10.5	11.2	15.7	25.6	20.1	18.5	24.5	2.05	0.82	1.56	1.89	1.50	0.81	0.25	0.12
Wyoming	28.4	24.9	8.6	3.3	2.5	1.0	0.3	8.0	17.6	18.0	16.2	19.4	2.16	0.87	0.25	0.15	0.11	0.05	0.02	(2)
Colorado	40.0	25.4	17.2	7.9	13.0	7.0	10.5	13.7	21.2	18.9	22.4	22.0	2.06	0.89	1.82	1.93	1.06	0.85	0.61	0.31
New Mexico	30.3	17.3	7.9	2.2	11.6	8.3	21.6	18.0	15.5	15.9	15.7	13.8	2.00	1.02	0.18	0.26	0.07	0.09	0.07	0.15
Arizona	17.7	15.3	5.2	5.7	9.6	6.0	16.1	22.5	18.1	18.1	16.1	15.1	2.30	1.13	0.05	0.09	0.05	0.07	0.02	0.03
Utah	56.5	57.1	15.7	13.0	18.3	15.4	17.4	15.3	22.1	18.0	17.9	16.1	2.20	0.95	0.37	0.43	0.58	0.52	0.32	0.25
Nevada	30.3	27.8	3.7	1.9	3.2	0.5	1.1	21.1	27.8	24.3	22.4	18.9	2.30	1.00	0.03	0.05	0.06	0.07	0.02	0.02
PACIFIC:																				
Washington	29.0	24.7	35.0	33.2	31.4	20.5	16.8	16.8	19.3	19.5	17.0	23.6	2.18	0.86	3.41	4.43	5.99	3.22	1.35	0.42
Oregon	41.2	29.0	22.0	17.9	26.2	15.7	20.2	18.1	16.3	16.6	16.8	16.8	2.11	0.87	1.48	2.07	1.82	2.20	1.98	1.63
California	8.5	5.3	9.1	4.2	22.4	23.2	17.2	15.5	13.0	13.6	14.4	15.8	2.19	1.02	1.49	1.78	0.91	5.55	8.73	6.32

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

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

TABLE 20.—WINTER WHEAT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, 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.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**1,740,300**	**1,174,021**	**49,912,993**	**27,151,489**	**22,761,504**	**83.8**	**741,748,210**	**419,732,982**	**322,015,228**	**76.7**	**$1,610,191,898**	**$411,648,205**
GEOGRAPHIC DIVISIONS:												
New England	3,382	714	9,005	1,599	7,406	463.2	167,912	37,255	130,657	350.7	391,533	35,747
Middle Atlantic	175,837	156,973	1,892,496	1,593,751	298,745	18.7	32,984,984	29,648,117	3,336,867	11.3	74,202,461	31,591,576
East North Central	513,931	408,549	10,217,452	6,929,067	3,288,385	47.5	185,559,982	119,111,090	66,448,892	55.8	407,738,587	119,931,248
West North Central	384,941	231,927	20,728,634	10,820,128	9,908,506	91.6	286,562,677	159,253,635	127,309,042	79.9	616,496,375	152,633,440
South Atlantic	305,046	212,222	2,923,046	2,241,185	681,861	30.4	32,835,549	26,648,415	6,187,134	23.2	76,285,703	28,722,626
East South Central	126,019	83,770	1,564,649	1,315,223	249,426	19.0	17,013,677	15,374,262	1,639,415	10.7	38,083,996	15,850,882
West South Central	153,915	34,776	7,351,379	1,548,591	5,802,788	374.7	104,007,749	17,038,677	86,969,072	510.4	219,919,387	17,224,157
Mountain	40,190	23,012	2,317,777	672,314	1,645,463	244.7	27,323,853	16,141,565	11,182,288	69.3	57,518,617	14,005,267
Pacific	37,039	22,078	2,908,555	2,029,631	878,924	43.3	55,291,827	36,479,966	18,811,861	51.6	119,555,239	31,653,262
NEW ENGLAND:												
Maine	759	239	3,374	615	2,759	448.6	63,712	17,156	46,556	271.4	149,724	15,656
New Hampshire	290	32	418	48	370	.....	7,349	838	6,511	777.0	16,903	851
Vermont	959	125	1,767	283	1,484	524.4	30,396	6,258	24,138	385.7	69,912	5,562
Massachusetts	456	55	1,094	73	1,021	.....	21,337	1,710	19,627	.....	49,076	1,739
Rhode Island	35	6	97	10	87	.....	2,183	178	2,005	.....	5,020	181
Connecticut	883	257	2,255	570	1,685	295.6	42,935	11,115	31,820	286.3	100,898	11,758
MIDDLE ATLANTIC:												
New York	44,688	33,116	398,661	285,823	112,838	39.5	8,346,231	6,613,741	1,732,490	26.2	18,779,028	7,121,215
New Jersey	8,090	8,388	84,745	83,584	1,161	1.4	1,377,155	1,488,242	−111,087	−7.5	3,084,827	1,567,892
Pennsylvania	123,059	115,469	1,409,090	1,224,344	184,746	15.1	23,261,598	21,546,134	1,715,464	8.0	52,338,606	22,902,469
EAST NORTH CENTRAL:												
Ohio	174,360	137,455	2,861,401	1,827,263	1,034,138	56.6	57,213,718	30,651,880	26,561,838	86.7	125,870,179	31,100,836
Indiana	121,228	104,135	2,759,757	2,080,879	678,878	32.6	44,796,296	33,901,949	10,894,347	32.1	97,207,962	33,559,918
Illinois	110,849	73,335	3,559,239	2,165,513	1,393,726	64.4	62,693,378	37,442,094	25,251,284	67.4	137,925,428	37,617,431
Michigan	87,217	79,588	947,342	793,606	153,736	19.4	19,232,161	15,899,301	3,332,860	21.0	43,080,044	16,458,878
Wisconsin	20,277	14,036	89,713	61,806	27,907	45.2	1,624,429	1,215,866	408,563	33.6	3,654,974	1,194,185
WEST NORTH CENTRAL:												
Minnesota	7,329	3,560	108,451	69,036	39,415	57.1	1,364,932	1,216,695	148,237	12.2	3,207,594	1,199,810
Iowa	43,197	15,379	911,434	236,708	674,726	285.0	16,696,464	4,310,922	12,385,542	287.3	34,394,715	4,134,036
Missouri	141,974	79,607	4,552,911	2,013,039	2,539,872	126.2	65,149,967	29,784,709	35,365,258	118.7	140,072,434	29,873,522
North Dakota	435	874	28,613	93,078	−64,465	−69.3	160,500	1,294,743	−1,134,243	−87.6	385,200	1,234,720
South Dakota	2,617	1,931	125,747	65,309	60,438	92.5	1,168,404	952,111	216,293	22.7	2,605,541	903,047
Nebraska	64,561	56,410	3,758,840	2,429,894	1,328,946	54.7	53,751,667	44,712,646	9,039,021	20.2	115,566,083	41,721,770
Kansas	124,828	74,166	11,242,638	5,913,064	5,329,574	90.1	148,270,743	76,981,809	71,288,934	92.6	320,264,808	73,566,535
SOUTH ATLANTIC:												
Delaware	5,312	4,822	125,740	111,172	14,568	13.1	1,571,567	1,643,113	−71,546	−4.4	3,457,447	1,697,045
Maryland	26,046	23,356	663,864	589,890	73,974	12.5	9,615,939	9,463,392	152,547	1.6	21,347,385	9,876,414
Dist. of Columbia	3	.....	18	.....	18	.....	200	.....	200	.....	446	.....
Virginia	89,416	63,405	990,218	692,907	297,311	42.9	11,444,773	8,076,989	3,367,784	41.7	26,780,768	8,776,061
West Virginia	34,782	22,330	297,555	209,211	88,344	42.2	3,743,382	2,574,271	1,169,111	45.4	8,385,174	2,695,427
North Carolina	89,375	65,124	620,389	501,912	118,477	23.6	4,743,272	3,827,145	916,127	23.9	11,858,209	4,420,322
South Carolina	24,433	11,355	84,621	43,024	41,597	96.7	630,911	310,554	320,357	103.2	1,634,062	385,775
Georgia	35,670	21,825	140,615	93,059	47,556	51.1	1,085,256	752,814	332,442	44.2	2,821,664	871,450
Florida	9	5	26	10	16	.....	249	137	112	81.8	548	132
EAST SOUTH CENTRAL:												
Kentucky	59,626	37,162	839,804	681,311	158,493	23.3	10,374,296	8,739,153	1,635,143	18.7	22,927,202	8,812,362
Tennessee	56,894	44,013	684,442	619,861	64,581	10.4	6,361,858	6,516,539	−154,681	−2.4	14,505,036	6,913,335
Alabama	8,473	2,462	34,017	13,662	20,355	149.0	222,838	113,950	108,888	95.6	530,356	120,869
Mississippi	1,026	133	6,386	389	5,997	.....	54,685	4,620	50,065	.....	121,402	4,316
WEST SOUTH CENTRAL:												
Arkansas	24,582	5,191	256,211	60,387	195,824	324.3	2,051,405	526,089	1,525,316	289.9	4,266,922	532,409
Louisiana	118	23	766	65	701	.....	5,788	488	5,300	.....	13,603	508
Oklahoma	66,881	22,900	4,698,622	1,167,411	3,531,211	302.5	65,731,450	13,994,127	51,737,323	369.7	140,665,307	13,841,563
Texas	62,334	6,662	2,395,780	320,728	2,075,052	647.0	36,219,106	2,517,973	33,701,133	.....	74,973,555	2,849,677
MOUNTAIN:												
Montana	8,404	2,806	538,070	127,600	410,470	321.7	2,794,857	3,212,709	−417,852	−13.0	6,679,706	2,688,792
Idaho	7,537	6,025	437,561	251,390	186,171	74.1	6,208,721	6,569,774	−361,053	−5.5	12,727,881	5,358,728
Wyoming	828	720	34,468	12,535	21,933	175.0	204,361	223,647	−19,286	−8.6	441,419	194,885
Colorado	14,400	4,137	1,031,576	126,578	904,998	715.0	13,674,834	3,136,976	10,537,858	335.9	28,170,155	2,856,513
New Mexico	3,269	2,617	91,992	13,451	78,541	583.9	1,749,952	211,215	1,538,737	728.5	3,499,904	219,945
Arizona	1,272	1,220	31,076	18,099	12,977	71.7	722,046	324,074	397,972	122.8	1,660,704	366,851
Utah	4,264	5,294	149,552	119,948	29,604	24.7	1,900,416	2,388,663	−488,247	−20.4	4,180,915	2,245,160
Nevada	216	193	3,482	2,713	769	28.3	68,666	74,507	−5,841	−7.8	157,933	74,393
PACIFIC:												
Washington	12,571	7,947	1,166,584	981,694	184,890	18.8	24,579,955	20,816,392	3,763,563	18.1	53,584,302	17,238,825
Oregon	16,109	10,392	817,418	621,532	195,886	31.5	16,100,845	10,323,000	5,777,845	56.0	33,972,786	8,931,233
California	8,359	3,739	924,553	426,405	498,148	116.8	14,611,027	5,340,574	9,270,453	173.6	31,998,151	5,483,204

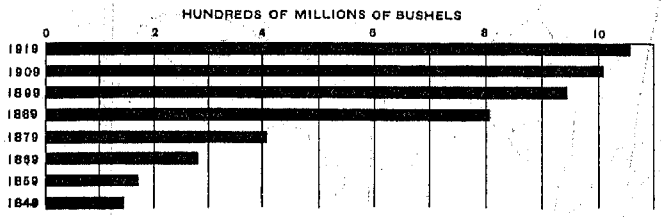
TABLE 21.—SPRING WHEAT—FARMS REPORTING, 1919, AND ACREAGE, PRODUCTION, AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[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, 1919	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
		1919	1909	Increase.		1919	1909	Increase.		1919	1909
				Amount.	Per cent.			Amount.	Per cent.		
United States	566,811	23,186,428	17,111,103	6,075,325	35.5	203,655,005	263,646,277	—59,991,272	—22.8	$463,886,903	$246,008,596
GEOGRAPHIC DIVISIONS:											
New England	10,440	22,859	3,294	19,565	594.0	376,874	77,743	299,131	384.8	877,043	86,785
Middle Atlantic	20,823	80,813	4,574	76,239	.....	983,531	69,716	913,815	.....	2,212,950	73,465
East North Central	147,061	1,193,264	109,297	1,083,967	991.8	16,403,417	1,986,585	14,416,832	725.7	36,407,561	1,954,402
West North Central	291,110	17,617,831	15,043,428	2,574,403	17.1	136,802,823	224,838,486	—88,035,663	—39.2	318,676,287	211,289,722
South Atlantic	441	1,716	160	1,556	972.5	12,243	2,353	9,890	420.3	28,048	2,378
East South Central	42	238	20	218	.....	1,332	160	1,172	732.5	2,978	143
West South Central	785	22,781	7,496	15,285	203.9	238,542	57,450	181,092	315.2	495,909	54,446
Mountain	73,760	2,494,842	613,046	1,881,796	307.0	25,896,514	13,513,403	12,383,111	91.6	55,394,767	11,925,128
Pacific	22,349	1,752,084	1,329,788	422,296	31.8	22,939,729	23,100,381	—160,652	—0.7	49,791,360	20,622,127
NEW ENGLAND:											
Maine	4,391	11,090	2,792	8,298	297.2	197,473	67,963	129,510	190.6	464,061	75,898
New Hampshire	623	948	22	926	.....	14,619	473	14,146	.....	33,623	555
Vermont	4,866	9,509	395	9,114	.....	145,607	7,829	137,778	.....	334,896	8,717
Massachusetts	269	782	36	746	.....	11,916	694	11,222	.....	27,408	776
Rhode Island	5	9	3	6	.....	92	30	62	.....	212	30
Connecticut	286	521	46	475	.....	7,167	754	6,413	850.5	16,843	809
MIDDLE ATLANTIC:											
New York	16,386	64,800	3,307	61,493	.....	790,037	50,380	739,657	.....	1,777,593	54,308
New Jersey	37	152	53	99	.....	1,114	991	123	12.4	2,497	988
Pennsylvania	4,400	15,861	1,214	14,647	.....	192,380	18,345	174,035	948.7	432,860	18,169
EAST NORTH CENTRAL:											
Ohio	7,150	61,191	669	60,522	.....	910,633	11,824	898,809	.....	2,003,395	12,139
Indiana	2,908	38,900	1,956	36,944	.....	411,566	34,023	377,543	.....	893,094	33,223
Illinois	32,728	543,796	19,578	524,218	.....	8,197,539	388,638	7,808,901	.....	18,034,586	383,281
Michigan	21,759	109,345	8,531	100,814	.....	1,179,664	126,490	1,053,174	832.6	2,642,444	127,990
Wisconsin	82,516	440,032	78,563	361,469	460.1	5,704,015	1,425,610	4,278,405	300.1	12,834,042	1,397,769
WEST NORTH CENTRAL:											
Minnesota	113,461	3,684,951	3,207,875	477,076	14.9	36,251,452	55,877,717	—19,626,265	—35.1	85,190,914	54,807,625
Iowa	38,145	526,309	290,069	236,240	81.4	4,895,464	3,745,022	1,150,442	30.7	10,084,657	3,569,169
Missouri	836	12,079	4,089	7,990	195.4	60,495	52,720	7,775	14.7	130,067	52,687
North Dakota	69,444	9,069,429	8,095,704	973,725	12.0	61,379,904	115,487,143	—54,107,239	—46.9	147,311,770	107,895,149
South Dakota	48,422	3,765,721	3,151,946	613,775	19.5	29,918,591	46,107,479	—16,188,888	—35.1	66,718,455	41,975,176
Nebraska	20,140	535,316	233,024	302,292	129.7	4,091,931	2,973,099	1,118,832	37.6	8,797,652	2,504,160
Kansas	662	24,026	60,721	—36,695	—60.4	204,986	595,306	—390,320	—65.6	442,772	485,756
SOUTH ATLANTIC:											
Delaware	.....	.....	43	—43	.....	.....	459	—459	.....	.....	494
Maryland	108	431	3	428	.....	4,587	65	4,522	.....	10,183	66
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	59	288	.....	288	.....	1,254	.....	1,254	.....	2,934	.....
West Virginia	135	481	104	377	362.5	4,430	1,725	2,705	156.8	9,923	1,714
North Carolina	72	270	.....	270	.....	1,256	.....	1,256	.....	3,145	.....
South Carolina	.....	.....	4	—4	.....	.....	60	—60	.....	.....	60
Georgia	67	246	6	240	.....	716	44	672	.....	1,863	44
Florida	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
EAST SOUTH CENTRAL:											
Kentucky	31	183	12	171	.....	833	107	726	678.5	1,840	107
Tennessee	11	55	.....	55	.....	499	.....	499	.....	1,138	.....
Alabama	.....	.....	3	—3	.....	.....	3	—3	.....	.....	4
Mississippi	.....	.....	5	—5	.....	.....	50	—50	.....	.....	32
WEST SOUTH CENTRAL:											
Arkansas	.....	.....	39	—39	.....	.....	325	—325	.....	.....	303
Louisiana	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma	102	3,658	2,009	1,649	82.1	30,393	14,207	16,186	113.9	65,043	12,759
Texas	683	19,123	5,448	13,675	251.0	208,149	42,918	165,231	385.0	430,866	41,384
MOUNTAIN:											
Montana	17,295	1,160,461	130,777	1,029,684	787.4	5,004,790	3,039,236	1,965,554	64.7	11,961,450	2,640,597
Idaho	19,771	703,734	147,844	555,890	376.0	11,668,392	3,667,835	8,000,557	218.1	23,920,206	3,053,859
Wyoming	4,248	146,952	29,433	117,519	399.3	1,240,866	515,051	725,815	140.9	2,680,274	449,366
Colorado	12,766	297,040	214,151	82,889	38.7	4,585,829	4,087,081	498,748	12.2	9,446,805	3,607,413
New Mexico	6,628	43,193	18,890	24,303	128.7	687,261	288,584	398,677	138.1	1,374,522	288,781
Arizona	501	6,055	1,929	4,126	213.9	113,328	38,801	74,527	192.1	260,654	43,353
Utah	11,758	118,905	58,475	60,430	103.3	2,200,563	1,555,247	645,316	41.5	4,841,239	1,519,857
Nevada	793	18,502	11,547	6,955	60.2	395,485	321,568	73,917	23.0	909,617	321,892
PACIFIC:											
Washington	12,565	1,327,576	1,136,321	191,255	16.8	17,257,954	20,103,998	—2,846,044	—14.2	37,622,340	17,863,545
Oregon	7,896	262,633	141,655	120,978	85.4	3,425,920	2,133,751	1,292,169	60.6	7,228,694	1,917,803
California	1,888	161,875	51,812	110,063	212.4	2,255,855	862,632	1,393,223	161.5	4,940,326	840,779

Oats.—The acreage of oats harvested in the United States in 1919 was 37,991,002, and the production was 1,055,182,798 bushels, as compared with 35,159,441 acres, producing 1,007,142,980 bushels, in 1909. The value of the crop in 1919 was $855,255,468.

PRODUCTION OF OATS, IN THE UNITED STATES: 1849 TO 1919.



A summary of the available census data with regard to the production of oats in the United States, beginning with the production of 1849, is given in Table 22. The principal data are also given, by divisions and states, in Tables 25, 26, and 27.

PRODUCTION OF OATS, 15 LEADING STATES: 1919 AND 1909.

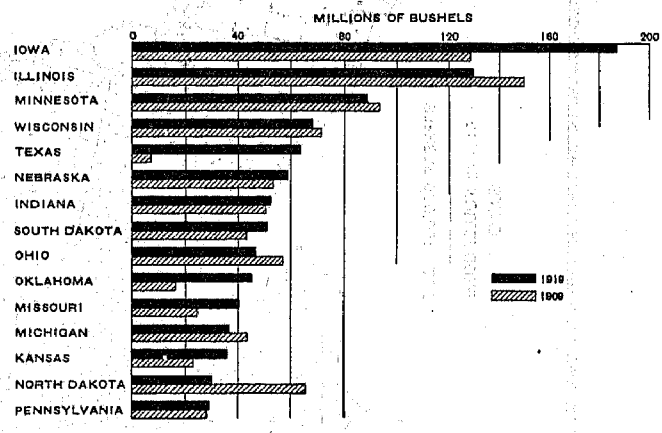


TABLE 22.—OATS—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 25, 26, and 27.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	2,238,102	2,174,006	2,114,559					
Per cent of all farms	34.7	34.2	36.9					
Acreage	37,991,002	35,159,441	29,539,698	28,320,677	16,144,593			
Increase over preceding census	2,831,561	5,619,743	1,219,021	12,176,084				
Per cent of increase	8.1	19.0	4.3	75.4				
Average per farm reporting	17.0	16.2	14.0					
Per cent that acreage in oats formed of—								
Total improved acreage	7.6	7.3	7.1	7.9	5.7			
Total reported crop acreage	10.9	11.3	10.4					
Production (bushels)	1,055,182,798	1,007,142,980	943,389,375	809,250,666	407,858,999	282,107,157	172,643,185	146,584,179
Increase over preceding census	48,039,818	63,753,605	134,138,709	401,391,667	125,751,842	109,463,972	26,059,006	
Per cent of increase	4.8	6.8	16.6	98.4	44.6	63.4	17.8	
Average yield per acre	27.8	28.6	31.9	28.6	25.3			
Value	$855,255,468	$414,097,422	$217,098,584					
Increase over preceding census	$440,558,046	$197,598,838						
Per cent of increase	106.2	91.0						
Average per bushel	$0.81	$0.41	$0.23					
Average per acre	$22.51	$11.79	$7.35					
Per cent that value of oats formed of total value of all crops	5.8	7.9	7.6					

TABLE 23.—THE TEN STATES LEADING IN ACREAGE OF OATS: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Acreage.	Per cent of total.	Rank.	STATE.	Acreage.	Per cent of total.
	United States	37,991,002	100.0		United States	35,159,441	100.0
1	Iowa	5,484,113	14.44	1	Iowa	4,655,154	13.24
2	Illinois	4,291,066	11.29	2	Illinois	4,176,485	11.88
3	Minnesota	3,429,079	9.03	3	Minnesota	2,977,258	8.47
4	Wisconsin	2,251,919	5.93	4	Nebraska	2,365,774	6.73
5	North Dakota	2,073,162	5.46	5	Wisconsin	2,164,570	6.16
6	Nebraska	2,029,740	5.34	6	North Dakota	2,147,632	6.11
7	Texas	1,862,933	4.90	7	Ohio	1,787,496	5.08
8	South Dakota	1,839,089	4.84	8	Indiana	1,667,818	4.74
9	Indiana	1,718,748	4.52	9	South Dakota	1,558,643	4.43
10	Missouri	1,707,055	4.49	10	Michigan	1,429,076	4.06

TABLE 24.—THE TEN STATES LEADING IN PRODUCTION OF OATS: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Production (bushels).	Per cent of total.	Rank.	STATE.	Production (bushels).	Per cent of total.
	United States	1,055,182,798	100.0		United States	1,007,142,980	100.0
1	Iowa	187,045,705	17.73	1	Illinois	150,386,074	14.93
2	Illinois	129,104,668	12.24	2	Iowa	128,198,055	12.73
3	Minnesota	89,108,151	8.44	3	Minnesota	93,897,717	9.32
4	Wisconsin	68,296,223	6.47	4	Wisconsin	71,349,038	7.08
5	Texas	63,989,423	6.06	5	North Dakota	65,886,702	6.54
6	Nebraska	59,819,545	5.67	6	Ohio	57,591,046	5.72
7	Indiana	52,529,723	4.98	7	Nebraska	53,360,185	5.30
8	South Dakota	51,091,904	4.84	8	Indiana	50,607,913	5.02
9	Ohio	46,818,330	4.44	9	Michigan	43,869,502	4.36
10	Oklahoma	45,470,191	4.31	10	South Dakota	43,565,676	4.33

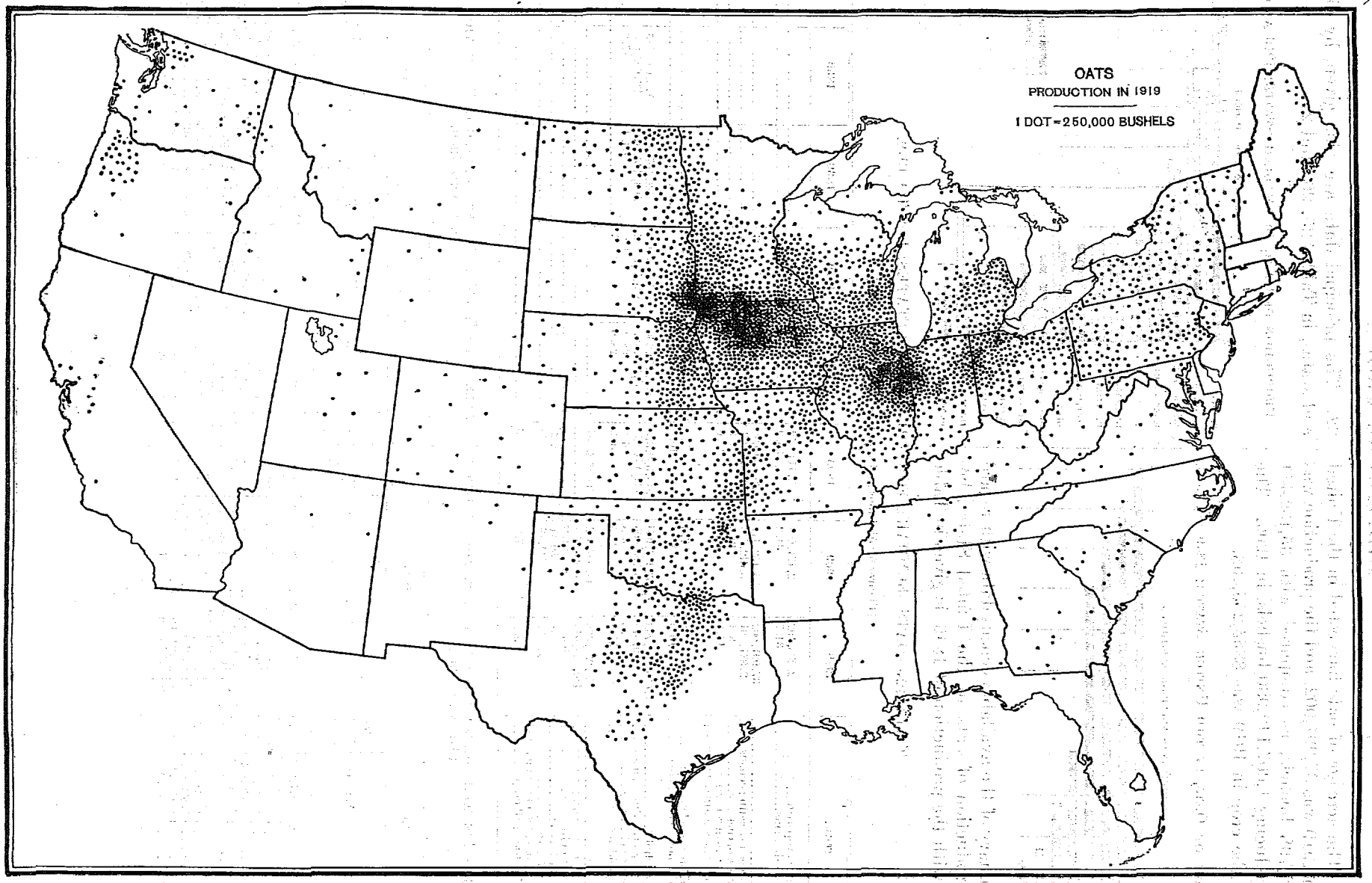

OATS
PRODUCTION IN 1919
1 DOT = 250,000 BUSHELS

TABLE 25.—OATS—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**2,238,102**	**2,174,006**	**37,991,002**	**35,159,441**	**2,831,561**	**8.1**	**1,055,182,798**	**1,007,142,980**	**48,039,818**	**4.8**	**$855,255,468**	**$414,697,422**
GEOGRAPHIC DIVISIONS:												
New England	41,896	43,579	236,113	223,221	12,892	5.8	7,099,771	7,350,601	—250,830	—3.4	7,312,401	4,027,338
Middle Atlantic	267,496	298,684	2,184,127	2,518,886	—334,759	—13.3	52,255,952	64,344,715	—12,088,763	—18.8	49,263,771	33,111,736
East North Central	693,318	668,954	11,228,693	11,225,445	3,148	(1)	333,705,369	373,803,573	—40,098,204	—10.7	274,567,854	149,004,329
West North Central	683,192	588,275	17,978,166	15,710,495	2,267,671	14.4	494,110,435	432,660,477	61,449,958	14.2	375,935,127	162,647,073
South Atlantic	183,047	251,129	886,071	1,368,832	—482,761	—35.3	14,417,597	21,206,000	—6,788,403	—32.0	15,000,755	13,388,578
East South Central	91,291	144,577	530,367	870,762	—340,395	—39.1	7,085,657	11,646,687	—4,561,030	—39.2	7,533,992	6,535,286
West South Central	202,726	99,675	3,642,748	1,276,534	2,366,214	185.4	112,652,747	27,273,695	85,379,052	313.0	90,809,757	12,764,241
Mountain	44,693	52,881	682,103	1,164,204	—482,101	—41.4	14,457,607	40,604,255	—26,146,648	—64.4	14,952,017	19,673,773
Pacific	30,443	26,252	622,714	801,062	—178,348	—22.3	19,397,663	28,252,977	—8,855,314	—31.3	18,979,794	13,545,008
NEW ENGLAND:												
Maine	18,337	22,029	116,691	120,991	—4,300	—3.6	3,600,617	4,232,309	—631,692	—14.9	3,780,648	2,293,947
New Hampshire	3,758	3,141	14,688	10,860	3,828	35.2	485,367	386,419	98,948	25.6	485,367	216,938
Vermont	14,389	12,581	83,097	71,510	11,587	16.2	2,396,349	2,141,357	254,992	11.9	2,396,349	1,169,223
Massachusetts	2,214	2,181	9,533	7,927	1,606	20.3	287,881	268,500	19,381	7.2	302,276	157,381
Rhode Island	321	455	1,215	1,726	—511	—29.6	34,507	48,212	—13,705	—28.4	37,958	28,661
Connecticut	2,877	3,192	10,889	10,207	682	6.7	295,050	273,804	21,246	7.8	309,803	161,188
MIDDLE ATLANTIC:												
New York	114,390	142,313	937,553	1,302,508	—364,955	—28.0	21,595,461	34,795,277	—13,199,816	—37.9	21,595,461	17,977,155
New Jersey	7,582	8,213	71,065	72,130	—1,065	—1.5	1,477,319	1,376,752	100,567	7.3	1,403,453	712,609
Pennsylvania	145,524	148,158	1,175,509	1,144,248	31,261	2.7	29,183,172	28,172,686	1,010,486	3.6	26,264,857	14,421,972
EAST NORTH CENTRAL:												
Ohio	137,099	150,180	1,452,052	1,787,496	—335,444	—18.8	46,818,330	57,591,046	—10,772,716	—18.7	39,795,590	23,212,352
Indiana	101,522	101,199	1,718,748	1,667,818	50,930	3.1	52,529,723	50,607,913	1,921,810	3.8	42,023,780	18,928,706
Illinois	157,879	139,156	4,291,066	4,176,485	114,581	2.7	129,104,668	150,386,074	—21,281,406	—14.2	103,283,734	59,693,819
Michigan	141,312	141,731	1,514,808	1,429,076	85,732	6.0	36,956,425	43,869,502	—6,913,077	—15.8	31,412,962	18,506,195
Wisconsin	155,506	136,688	2,251,919	2,164,570	87,349	4.0	68,296,223	71,349,038	—3,052,815	—4.3	58,051,788	28,663,257
WEST NORTH CENTRAL:												
Minnesota	140,876	118,692	3,429,079	2,977,258	451,821	15.2	89,108,151	93,897,717	—4,789,566	—5.1	66,831,124	34,023,389
Iowa	162,880	151,769	5,484,113	4,655,154	828,959	17.8	187,045,705	128,198,055	58,847,650	45.9	140,284,289	49,046,888
Missouri	117,497	80,308	1,707,055	1,073,325	633,730	59.0	40,493,700	24,828,501	15,665,199	63.1	32,394,961	10,233,990
North Dakota	51,160	56,903	2,073,162	2,147,032	—73,870	—3.4	30,294,074	65,886,702	—35,592,628	—54.0	24,235,260	24,114,345
South Dakota	49,921	45,127	1,839,089	1,558,043	280,446	18.0	51,091,904	43,565,676	7,526,228	17.3	38,318,037	16,044,785
Nebraska	77,510	81,466	2,029,740	2,365,774	—336,034	—14.2	59,819,545	53,360,185	6,459,360	12.1	44,864,671	19,443,570
Kansas	83,348	54,010	1,415,928	933,309	482,619	51.7	36,257,356	22,923,641	13,333,715	58.2	29,005,885	9,720,106
SOUTH ATLANTIC:												
Delaware	769	698	4,736	4,226	510	12.1	70,791	98,239	—27,448	—27.9	67,251	51,022
Maryland	8,486	8,831	48,891	49,210	—319	—0.6	1,082,994	1,160,663	—77,669	—6.7	1,028,845	584,395
District of Columbia	6	2	14	13	1	.....	315	375	—60	—16.0	315	165
Virginia	28,275	36,306	135,842	204,455	—68,613	—33.6	1,958,609	2,884,495	—925,886	—32.1	2,154,475	1,609,973
West Virginia	34,600	22,412	169,915	103,758	66,157	63.8	3,054,668	1,728,806	1,325,862	76.7	3,054,668	912,388
North Carolina	34,647	48,958	125,885	228,120	—102,235	—44.8	1,671,308	2,782,508	—1,111,200	—39.9	1,838,447	1,741,561
South Carolina	43,462	57,398	196,056	324,180	—128,124	—39.5	3,597,835	5,745,291	—2,147,456	—37.4	4,317,400	3,809,345
Georgia	30,505	70,379	187,525	411,664	—224,139	—54.4	2,758,851	6,199,243	—3,440,392	—55.5	3,172,680	4,236,625
Florida	2,297	6,145	17,207	43,206	—25,999	—60.2	222,226	606,380	—384,154	—63.4	266,674	443,104
EAST SOUTH CENTRAL:												
Kentucky	37,887	25,548	229,464	174,315	55,149	31.6	2,791,447	2,406,064	385,383	16.0	2,931,018	1,216,187
Tennessee	23,860	44,432	162,417	342,086	—179,669	—52.5	2,413,409	4,720,692	—2,307,283	—48.9	2,534,082	2,378,464
Alabama	18,991	51,857	85,398	257,276	—171,878	—66.8	1,120,384	3,251,146	—2,130,762	—65.5	1,232,426	2,117,703
Mississippi	10,553	22,740	53,088	97,085	—43,997	—45.3	760,417	1,268,785	—508,368	—40.1	836,466	822,932
WEST SOUTH CENTRAL:												
Arkansas	25,549	31,836	173,317	197,449	—24,132	—12.2	2,703,753	3,212,891	—509,138	—15.8	2,703,753	1,641,752
Louisiana	5,456	4,579	33,443	29,711	3,732	12.6	489,380	420,033	69,347	16.5	538,319	250,588
Oklahoma	75,938	33,002	1,573,055	609,373	963,682	158.1	45,470,191	16,606,154	28,864,037	173.8	36,376,150	7,172,267
Texas	95,783	30,258	1,862,933	440,001	1,422,932	323.4	63,989,423	7,034,617	56,954,806	809.6	51,191,535	3,699,634
MOUNTAIN:												
Montana	8,451	10,459	191,096	333,195	—142,099	—42.6	2,583,908	13,805,735	—11,221,827	—81.3	2,583,908	6,148,021
Idaho	9,218	11,708	141,507	302,783	—161,276	—53.3	3,069,132	11,328,106	—8,258,974	—72.9	3,222,592	5,067,051
Wyoming	2,992	4,381	58,622	124,035	—65,413	—52.7	1,006,552	3,361,425	—2,354,873	—70.1	1,107,208	1,828,711
Colorado	11,711	12,844	174,189	275,948	—101,759	—36.9	4,535,527	7,642,855	—3,107,328	—40.7	4,308,752	4,177,267
New Mexico	3,335	3,084	40,029	33,707	6,322	18.8	1,085,311	720,560	364,751	50.6	1,139,580	459,306
Arizona	573	315	11,862	5,867	5,995	102.2	377,785	189,312	188,473	99.6	434,456	130,384
Utah	8,211	9,781	61,825	80,816	—18,991	—23.5	1,724,392	3,221,289	—1,496,897	—46.5	2,069,269	1,671,065
Nevada	202	309	2,973	7,853	—4,880	—62.1	75,000	334,973	—259,973	—77.6	86,252	191,968
PACIFIC:												
Washington	11,365	10,139	191,673	269,742	—78,069	—28.9	8,073,481	13,228,003	—5,154,522	—39.0	8,073,481	5,870,857
Oregon	15,482	13,636	284,152	339,162	—55,010	—16.2	8,357,406	10,881,286	—2,523,880	—23.2	7,939,537	5,037,164
California	3,596	2,477	146,889	192,158	—45,269	—23.6	2,966,776	4,143,688	—1,176,912	—28.4	2,966,776	2,637,047

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

TABLE 26.—OATS—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTNG.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
United States	**37,991,002**	**35,159,441**	**29,539,698**	**28,320,677**	**16,144,593**	**1,055,182,798**	**1,007,142,980**	**943,389,375**	**809,250,666**	**407,858,999**	**17.0**	**16.2**
GEOGRAPHIC DIVISIONS:												
New England	236,113	223,221	212,737	292,219	270,743	7,099,771	7,350,601	7,643,175	8,960,323	8,839,681	5.6	5.1
Middle Atlantic	2,184,127	2,518,886	2,579,559	2,848,895	2,636,186	52,255,952	64,344,715	79,630,320	77,931,181	75,127,518	8.2	8.4
East North Central	11,228,593	11,225,445	10,087,121	8,901,446	4,985,592	333,705,369	373,803,573	377,300,555	306,953,466	158,549,336	16.2	16.8
West North Central	17,978,166	15,710,495	12,109,758	10,958,290	3,858,061	494,110,435	432,660,477	386,978,611	338,173,878	111,617,099	26.3	26.7
South Atlantic	886,071	1,368,832	1,268,061	2,203,751	2,231,526	14,417,597	21,206,000	14,874,888	23,736,705	21,992,934	4.8	5.4
East South Central	530,367	870,762	855,842	1,711,603	1,395,107	7,085,657	11,646,687	9,480,025	20,723,659	14,302,187	5.8	6.0
West South Central	3,642,748	1,276,534	1,472,449	848,725	431,384	112,652,747	27,273,695	37,927,478	17,135,702	7,343,021	18.0	12.8
Mountain	682,103	1,164,204	412,190	214,354	96,461	14,457,607	40,604,255	12,519,653	5,950,908	2,788,596	15.3	22.0
Pacific	622,714	801,062	541,981	341,394	239,533	19,397,663	28,252,977	17,034,670	9,684,844	7,298,627	20.5	30.5
NEW ENGLAND:												
Maine	116,691	120,991	108,661	121,612	78,785	3,600,617	4,232,309	3,799,435	3,668,909	2,265,575	6.4	5.5
New Hampshire	14,688	10,860	12,589	26,618	29,485	485,367	386,419	497,110	892,243	1,017,620	3.9	3.5
Vermont	83,097	71,510	73,372	101,582	99,548	2,396,349	2,141,357	2,742,140	3,316,141	3,742,282	5.8	5.7
Massachusetts	9,533	7,927	6,702	14,331	20,659	287,881	268,500	240,990	388,819	645,159	4.3	3.8
Rhode Island	1,215	1,726	1,530	3,648	5,575	34,507	48,212	47,120	100,520	159,339	3.8	3.8
Connecticut	10,889	10,207	9,883	24,428	36,691	295,050	273,804	316,380	593,691	1,009,706	3.8	3.2
MIDDLE ATLANTIC:												
New York	937,553	1,302,508	1,329,753	1,417,371	1,261,171	21,595,461	34,795,277	40,785,900	38,896,479	37,575,506	8.2	9.2
New Jersey	71,065	72,130	75,959	121,327	137,422	1,477,319	1,376,752	1,601,610	2,837,293	3,710,573	9.4	8.8
Pennsylvania	1,175,509	1,144,248	1,173,847	1,310,197	1,237,593	29,183,172	28,172,686	37,242,810	36,197,409	33,841,439	8.1	7.7
EAST NORTH CENTRAL:												
Ohio	1,452,052	1,787,496	1,115,149	1,215,355	910,388	46,818,330	57,591,046	42,050,910	40,136,732	28,664,505	10.6	11.9
Indiana	1,718,748	1,667,818	1,017,385	1,102,479	623,531	52,529,723	50,607,913	34,565,070	31,491,661	15,599,518	16.9	16.5
Illinois	4,291,066	4,176,485	4,570,034	3,870,702	1,959,889	129,104,668	150,386,074	180,305,630	137,624,828	63,189,200	27.2	30.0
Michigan	1,514,808	1,429,076	1,019,438	1,085,759	536,187	36,956,425	43,869,502	36,338,145	36,961,193	18,190,793	10.7	10.1
Wisconsin	2,251,919	2,164,570	2,365,115	1,627,151	955,597	68,296,223	71,349,038	84,040,800	60,739,052	32,905,320	14.5	15.8
WEST NORTH CENTRAL:												
Minnesota	3,429,079	2,977,258	2,201,325	1,579,258	617,469	89,108,151	93,897,717	74,054,150	49,958,791	23,382,158	24.3	25.1
Iowa	5,484,113	4,655,154	4,695,391	3,752,141	1,507,577	187,045,705	128,198,055	168,364,170	146,679,289	50,610,591	33.7	30.7
Missouri	1,707,055	1,073,325	916,178	1,676,706	968,473	40,493,700	24,828,501	20,545,350	39,820,149	20,670,958	14.5	13.4
North Dakota[1]	2,073,162	2,147,032	780,517	402,855	18,311	30,294,074	65,886,702	22,125,331	5,773,129	728,811	40.5	37.7
South Dakota[1]	1,839,089	1,558,643	691,167	580,289	59,915	51,091,904	43,565,676	19,412,490	7,469,846	1,488,321	36.8	34.5
Nebraska	2,029,740	2,365,774	1,924,827	1,503,515	250,457	59,819,545	53,360,185	58,007,140	43,843,640	6,555,875	26.2	29.0
Kansas	1,415,928	933,309	900,353	1,463,526	435,859	36,257,856	22,923,641	24,469,980	44,629,034	8,180,385	17.0	17.3
SOUTH ATLANTIC:												
Delaware	4,736	4,226	5,247	19,374	17,158	70,791	98,239	131,960	382,900	378,508	6.2	6.1
Maryland	48,891	49,210	44,625	99,195	101,127	1,082,994	1,160,663	1,109,560	2,019,658	1,794,872	5.8	5.6
Dist. of Columbia	14	13	42	63	267	315	375	620	1,871	7,440	2.3	6.5
Virginia	135,842	204,455	275,394	495,508	563,443	1,958,609	2,884,495	3,269,430	5,695,100	5,333,181	4.8	5.6
West Virginia	169,915	103,758	99,433	180,815	126,931	3,054,668	1,728,806	1,833,840	2,946,653	1,908,505	4.9	4.6
North Carolina	125,885	228,120	270,876	541,851	500,415	1,671,308	2,782,508	2,454,768	4,512,762	3,838,068	3.6	4.7
South Carolina	196,056	324,180	222,544	308,056	261,445	3,597,835	5,745,291	2,661,670	3,019,119	2,715,505	4.5	5.6
Georgia	187,525	411,664	318,433	516,886	612,778	2,758,851	6,199,243	3,115,610	4,767,821	5,548,743	6.1	5.8
Florida	17,207	43,206	31,467	42,003	47,962	222,226	606,380	297,430	391,321	468,112	7.5	7.0
EAST SOUTH CENTRAL:												
Kentucky	229,464	174,315	316,590	645,316	403,416	2,791,447	2,406,064	4,009,830	8,775,814	4,580,738	6.1	6.8
Tennessee	162,417	342,086	235,313	588,138	468,506	2,413,409	4,720,692	2,725,330	7,355,100	4,722,190	6.8	7.7
Alabama	85,398	257,276	216,873	344,788	324,628	1,120,384	3,251,146	1,882,060	3,230,455	3,039,639	4.5	5.0
Mississippi	53,088	97,085	87,066	133,361	198,497	760,417	1,268,785	862,805	1,362,200	1,959,620	5.0	4.3
WEST SOUTH CENTRAL:												
Arkansas	173,317	197,449	280,115	288,332	166,513	2,703,753	3,212,891	3,909,000	4,180,877	2,219,822	6.8	6.2
Louisiana	33,443	29,711	28,033	27,023	26,861	489,380	420,033	316,070	297,271	229,840	6.1	6.5
Oklahoma[2]	1,573,055	609,373	317,076	4,446	.....	45,470,191	16,606,154	9,511,740	76,194	.....	20.7	18.5
Texas	1,862,933	440,001	847,225	528,924	238,010	63,989,423	7,034,617	24,190,668	12,581,360	4,893,359	19.4	14.5
MOUNTAIN:												
Montana	191,096	333,195	133,938	52,768	24,691	2,583,908	13,805,735	4,746,231	1,535,615	900,915	22.6	31.9
Idaho	141,507	302,783	64,730	21,997	13,197	3,069,132	11,328,106	1,956,498	587,407	462,236	15.4	25.9
Wyoming	58,622	124,035	26,892	14,607	822	1,006,552	3,361,425	763,370	388,505	22,512	19.6	28.3
Colorado	174,189	275,948	120,952	87,959	23,023	4,535,527	7,642,855	3,080,130	2,514,480	640,900	14.9	21.5
New Mexico	40,029	33,707	15,848	9,314	9,237	1,085,311	720,560	342,777	193,832	156,527	12.0	10.9
Arizona	11,862	5,867	1,641	1,472	29	377,785	189,312	43,246	33,996	564	20.7	18.6
Utah	61,825	80,816	43,394	22,747	19,525	1,724,392	3,221,289	1,436,225	597,947	418,082	7.5	8.3
Nevada	2,973	7,853	4,786	3,490	5,937	75,000	334,973	151,176	99,126	186,860	14.7	25.4
PACIFIC:												
Washington	191,673	269,742	126,841	65,089	37,962	8,073,481	13,228,003	5,336,486	2,273,182	1,571,706	16.9	26.6
Oregon	284,152	339,162	261,406	218,736	151,624	8,357,406	10,881,286	6,725,828	5,948,594	4,385,650	18.4	24.9
California	146,889	192,158	153,734	57,569	49,947	2,966,776	4,143,688	4,972,356	1,463,068	1,341,271	40.8	77.5

[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.
[2] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 27.—OATS—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 25 and 26. See footnotes on Table 26.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (BUSHELS).					AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909		1919	1909	1899	1889	1879
United States	34.7	34.2	7.6	7.3	7.1	7.9	5.7	27.8	28.6	31.9	28.6	25.3	$0.81	$0.41	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																				
New England	26.8	23.1	3.9	3.1	2.6	2.7	2.1	30.1	32.9	35.9	30.7	32.6	1.03	0.55	0.62	0.67	0.73	0.81	1.11	2.17
Middle Atlantic	62.9	63.8	8.2	8.6	8.4	9.0	7.9	23.9	25.5	30.9	27.4	28.5	0.94	0.51	5.75	4.95	6.39	8.44	9.63	18.42
East North Central	63.9	59.5	12.8	12.6	11.6	11.3	6.6	29.7	33.3	37.4	34.5	31.8	0.82	0.40	29.55	31.63	37.12	39.99	37.93	38.87
West North Central	62.3	53.0	10.5	9.6	8.9	10.4	6.3	27.5	27.5	32.0	30.9	28.9	0.76	0.38	47.32	46.83	42.96	41.02	41.79	27.37
South Atlantic	15.8	22.6	1.8	2.8	2.8	5.3	6.2	16.3	15.5	11.7	10.8	9.9	1.10	0.63	2.33	1.37	2.11	1.58	2.93	5.39
East South Central	8.7	13.9	1.2	2.0	2.1	4.8	4.5	13.4	13.4	11.1	12.1	10.3	1.06	0.56	1.40	0.67	1.16	1.00	2.56	3.51
West South Central	20.4	10.6	5.7	2.2	3.7	2.8	2.3	30.9	21.4	25.8	20.2	17.0	0.81	0.47	9.59	10.68	2.71	4.02	2.12	1.80
Mountain	18.3	28.8	2.3	7.3	4.9	3.9	4.4	21.2	34.9	30.4	27.8	28.9	1.03	0.48	1.80	1.37	4.03	1.33	0.74	0.68
Pacific	13.0	13.8	2.6	3.6	2.9	1.9	1.8	31.2	35.3	31.4	28.4	30.5	0.98	0.48	1.64	1.84	2.81	1.81	1.20	1.79
NEW ENGLAND:																				
Maine	38.0	36.7	5.9	5.1	4.6	4.0	2.3	30.9	35.0	35.0	30.2	28.8	1.05	0.54	0.31	0.34	0.42	0.40	0.45	0.56
New Hampshire	18.3	11.6	2.1	1.2	1.2	1.5	1.3	33.0	35.6	39.5	33.5	34.5	1.00	0.56	0.04	0.05	0.04	0.05	0.11	0.25
Vermont	49.5	38.5	4.9	4.4	3.5	3.8	3.0	28.8	29.9	37.4	32.6	37.6	1.00	0.55	0.22	0.23	0.21	0.29	0.41	0.92
Massachusetts	6.9	5.9	1.0	0.7	0.5	0.9	1.0	30.2	33.9	36.0	27.1	31.2	1.05	0.59	0.03	0.03	0.03	0.03	0.05	0.16
Rhode Island	7.9	8.6	0.9	1.0	0.8	1.3	1.9	28.4	27.9	30.8	27.6	28.6	1.10	0.59	(1)	(1)	(1)	(1)	0.01	0.04
Connecticut	12.7	11.9	1.6	1.0	0.9	1.8	2.2	27.1	26.8	32.0	24.3	27.5	1.05	0.59	0.03	0.03	0.03	0.03	0.07	0.25
MIDDLE ATLANTIC:																				
New York	59.2	66.0	7.1	8.8	8.5	8.6	7.1	23.0	26.7	30.7	27.4	29.8	1.00	0.52	2.47	2.05	3.45	4.32	4.81	9.21
New Jersey	25.5	24.5	4.6	4.0	3.8	6.1	6.6	20.8	19.1	21.1	23.4	27.0	0.95	0.52	0.19	0.14	0.14	0.17	0.35	0.91
Pennsylvania	72.0	67.6	9.9	9.0	8.9	9.9	9.2	24.8	24.6	31.7	27.6	27.3	0.90	0.51	3.09	2.77	2.80	3.95	4.47	8.30
EAST NORTH CENTRAL:																				
Ohio	53.4	55.2	7.8	9.3	5.8	6.6	5.0	32.2	32.2	37.7	33.0	31.5	0.85	0.40	3.82	4.44	5.72	4.46	4.96	7.03
Indiana	49.5	47.0	10.3	9.9	6.1	7.3	4.5	30.6	30.3	34.0	28.6	25.0	0.80	0.37	4.52	4.98	5.02	3.66	3.89	3.82
Illinois	66.6	55.2	15.7	14.9	16.5	15.1	7.5	30.1	36.0	39.5	35.6	32.2	0.80	0.40	11.29	12.24	14.93	19.11	17.01	15.49
Michigan	71.9	68.5	11.7	11.1	8.6	11.0	6.5	24.4	30.7	35.6	34.0	33.9	0.85	0.42	3.99	3.50	4.36	3.85	4.57	4.46
Wisconsin	82.2	77.2	18.1	18.2	21.0	16.6	10.4	30.3	33.0	35.5	37.3	34.4	0.85	0.40	5.93	6.47	7.08	8.91	7.51	8.07
WEST NORTH CENTRAL:																				
Minnesota	78.9	76.0	16.0	15.2	11.9	14.2	8.5	26.0	31.5	33.6	31.6	37.9	0.75	0.36	9.03	8.44	9.32	7.85	6.17	5.73
Iowa	76.3	69.9	19.2	15.8	15.7	14.8	7.6	34.1	27.5	35.9	39.1	33.6	0.75	0.38	14.44	17.73	12.73	17.85	18.13	12.41
Missouri	44.7	29.0	6.9	4.4	4.0	8.5	5.8	23.7	23.1	22.4	23.7	21.3	0.80	0.41	4.49	3.84	2.47	2.18	4.92	5.07
North Dakota	65.9	76.5	8.4	10.5	8.1	8.6	7.1	14.6	30.7	28.3	14.3	39.8	0.80	0.37	5.46	2.87	6.54	2.35	0.71	0.18
South Dakota	66.9	58.1	10.1	9.8	6.1	8.3	6.7	27.8	28.0	28.1	12.9	24.8	0.75	0.37	4.84	4.84	4.33	2.06	0.92	0.36
Nebraska	62.3	62.8	8.8	9.7	10.4	9.9	4.5	29.5	22.6	30.1	29.2	26.2	0.75	0.36	5.34	5.67	5.30	6.15	5.42	1.61
Kansas	50.4	30.4	4.6	3.1	3.6	6.6	4.1	25.6	24.6	27.2	30.5	18.8	0.80	0.42	3.73	3.44	2.28	2.59	5.51	2.01
SOUTH ATLANTIC:																				
Delaware	7.6	6.4	0.7	0.6	0.7	2.5	2.3	14.9	23.2	25.1	19.8	22.1	0.95	0.52	0.01	0.01	0.01	0.01	0.05	0.09
Maryland	17.7	18.1	1.6	1.5	1.3	2.9	3.0	22.2	23.6	24.9	20.4	17.7	0.95	0.50	0.13	0.10	0.12	0.12	0.25	0.44
District of Columbia	2.9	0.9	0.3	0.3	0.7	0.6	2.1	22.5	28.8	14.8	21.8	27.9	1.00	0.44	(1)	(1)	(1)	(1)	(1)	(1)
Virginia	15.2	19.7	1.4	2.1	2.7	5.4	6.6	14.4	14.1	11.9	11.5	9.5	1.10	0.56	0.36	0.19	0.29	0.35	0.70	1.31
West Virginia	39.6	23.2	3.1	1.9	1.8	4.0	3.3	18.0	16.7	18.4	16.3	15.0	1.00	0.53	0.45	0.29	0.17	0.19	0.36	0.47
North Carolina	12.8	19.3	1.5	2.6	3.3	6.9	7.7	13.3	12.2	9.1	8.3	7.7	1.10	0.63	0.33	0.16	0.28	0.26	0.56	0.94
South Carolina	22.6	32.5	3.2	5.3	3.9	5.9	6.3	18.4	17.7	12.0	9.8	10.4	1.20	0.66	0.52	0.34	0.57	0.28	0.37	0.67
Georgia	9.8	24.2	1.4	3.3	3.0	5.4	7.5	14.7	15.1	9.8	9.2	9.1	1.15	0.68	0.49	0.26	0.62	0.33	0.59	1.36
Florida	4.3	12.3	0.7	2.4	2.1	3.7	5.1	12.9	14.0	9.5	9.3	9.8	1.20	0.73	0.05	0.02	0.06	0.03	0.05	0.11
EAST SOUTH CENTRAL:																				
Kentucky	14.0	9.9	1.6	1.2	2.3	5.5	3.8	12.2	13.8	12.7	13.6	11.4	1.05	0.51	0.60	0.26	0.24	0.43	1.08	1.12
Tennessee	9.4	18.1	1.5	3.1	2.3	6.3	5.5	14.9	13.8	11.6	12.5	10.1	1.05	0.50	0.43	0.23	0.47	0.29	0.91	1.16
Alabama	7.4	19.7	0.9	2.7	2.5	4.5	5.1	13.1	12.6	8.7	9.4	9.4	1.10	0.65	0.22	0.11	0.32	0.20	0.40	0.75
Mississippi	3.9	8.3	0.6	1.1	1.1	1.9	3.8	14.3	13.1	9.9	10.2	9.9	1.10	0.65	0.14	0.07	0.13	0.09	0.17	0.48
WEST SOUTH CENTRAL:																				
Arkansas	11.0	14.8	1.9	2.4	4.0	5.3	4.6	15.6	16.3	14.0	14.5	13.3	1.00	0.51	0.46	0.26	0.32	0.41	0.52	0.54
Louisiana	4.0	3.8	0.6	0.6	0.6	0.7	1.0	14.6	14.1	11.3	11.0	8.6	1.10	0.60	0.09	0.05	0.04	0.03	0.04	0.06
Oklahoma	39.6	17.4	8.7	3.5	3.7	0.8	.....	28.9	27.3	30.0	17.1	.....	0.80	0.43	4.14	4.31	1.65	1.01	0.01	.....
Texas	22.0	7.2	6.0	1.6	4.3	2.5	1.9	34.3	16.0	28.6	23.8	20.6	0.80	0.53	4.90	6.06	0.70	2.56	1.55	1.20
MOUNTAIN:																				
Montana	14.7	39.[illegible]	1.7	9.2	7.7	5.8	9.4	13.5	41.4	35.4	29.1	36.5	1.00	0.45	0.50	0.24	1.37	0.50	0.19	0.22
Idaho	21.9	38.0	3.1	10.9	4.6	3.6	6.7	21.7	37.4	30.2	26.7	35.0	1.05	0.45	0.37	0.29	1.12	0.21	0.07	0.11
Wyoming	19.0	39.9	2.8	9.9	3.4	3.1	1.0	17.2	27.1	28.4	26.6	27.4	1.10	0.54	0.15	0.10	0.33	0.08	0.05	0.01
Colorado	19.5	27.8	2.2	6.4	5.3	4.8	3.7	26.0	27.7	25.5	28.6	27.8	0.95	0.55	0.46	0.43	0.76	0.33	0.31	0.16
New Mexico	11.2	8.6	2.3	2.3	4.8	3.5	3.9	27.1	21.4	21.6	20.8	16.9	1.05	0.64	0.11	0.10	0.07	0.04	0.02	0.04
Arizona	5.7	3.4	1.7	1.7	0.6	1.4	0.1	31.8	32.3	26.4	23.1	19.4	1.15	0.69	0.03	0.04	0.02	(1)	(1)	(1)
Utah	32.0	45.1	3.6	5.9	4.2	4.1	4.7	27.9	39.9	33.1	26.3	21.4	1.20	0.52	0.16	0.16	0.32	0.15	0.07	0.10
Nevada	6.4	11.5	0.5	1.0	0.8	0.5	1.7	25.2	42.7	31.6	28.4	31.5	1.15	0.57	0.01	0.01	0.03	0.02	0.01	0.05
PACIFIC:																				
Washington	17.1	18.0	2.7	4.2	3.7	3.6	7.8	42.1	49.0	42.1	34.9	41.4	1.00	0.44	0.50	0.77	1.31	0.57	0.28	0.39
Oregon	30.8	30.0	5.8	7.9	7.9	6.2	6.9	29.4	32.1	25.7	27.2	28.9	0.95	0.46	0.75	0.79	1.08	0.71	0.74	1.08
California	3.1	2.8	1.2	1.7	1.3	0.5	0.5	20.2	21.6	32.3	25.4	26.9	1.00	0.64	0.39	0.28	0.41	0.53	0.18	0.33

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

Barley.—The acreage of barley harvested in the United States in 1919 was 6,472,888, and the production was 122,024,773 bushels, as compared with 7,698,706 acres, producing 173,344,212 bushels, in 1909. The area harvested thus shows a decrease of 1,225,818 acres, or 15.9 per cent, while the production shows a decrease of 51,319,439 bushels, or 29.6 per cent. The value of the crop in 1919 was $160,427,255.

A summary of the available census data with regard to the production of barley in the United States, beginning with the production of 1849, is given in Table 28. The principal data are also given, by divisions and states, in Tables 31, 32, and 33.

PRODUCTION OF BARLEY, 10 LEADING STATES: 1919 AND 1909.

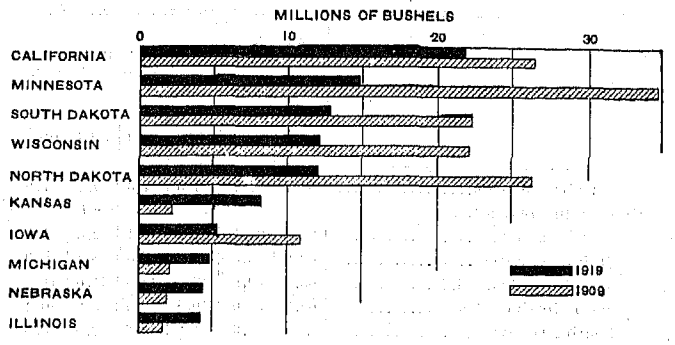


TABLE 28.—BARLEY—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 31, 32, and 33.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	448,985	383,197	272,913					
Per cent of all farms	7.0	6.0	4.8					
Acreage	6,472,888	7,698,706	4,470,196	3,220,834	1,997,727			
Increase over preceding census [1]	−1,225,818	3,228,510	1,249,362	1,223,107				
Per cent of increase [1]	−15.9	72.2	38.8	61.2				
Average per farm reporting	14.4	20.1	16.4					
Per cent that acreage in barley formed of—								
Total improved acreage	1.3	1.6	1.1	0.9	0.7			
Total reported crop acreage	1.9	2.5	1.6					
Production (bushels)	122,024,773	173,344,212	119,634,877	78,332,976	43,997,495	29,761,305	15,825,898	5,167,015
Increase over preceding census [1]	−51,319,439	53,709,335	41,301,901	34,335,481	14,236,190	13,935,407	10,658,883	
Per cent of increase [1]	−29.6	44.9	52.7	78.0	47.8	88.1	206.3	
Average yield per acre	18.9	22.5	26.8	24.3	22.0			
Value	$160,427,255	$92,458,571	$41,631,762					
Increase over preceding census	$67,968,684	$50,826,809						
Per cent of increase	73.5	122.1						
Average per bushel	$1.31	$0.53	$0.35					
Average per acre	$24.78	$12.01	$9.31					
Per cent that value of barley formed of total value of all crops	1.1	1.8	1.5					

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

TABLE 29.—THE TEN STATES LEADING IN ACREAGE OF BARLEY: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Acreage.	Per cent of total.	Rank.	STATE.	Acreage.	Per cent of total.
	United States.	6,472,888	100.0		United States.	7,698,706	100.0
1	North Dakota	1,085,329	16.77	1	Minnesota	1,573,761	20.44
2	California	987,068	15.25	2	North Dakota	1,215,811	15.79
3	Minnesota	814,381	12.58	3	California	1,195,158	15.52
4	South Dakota	754,929	11.66	4	South Dakota	1,114,531	14.48
5	Wisconsin	498,292	7.70	5	Wisconsin	816,449	10.61
6	Kansas	425,033	6.57	6	Iowa	571,224	7.42
7	Michigan	296,515	4.58	7	Washington	171,888	2.23
8	Iowa	236,314	3.65	8	Kansas	166,115	2.16
9	Nebraska	211,242	3.26	9	Idaho	132,412	1.72
10	Illinois	176,792	2.73	10	Nebraska	113,571	1.48

TABLE 30.—THE TEN STATES LEADING IN PRODUCTION OF BARLEY: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Production (bushels).	Per cent of total.	Rank.	STATE.	Production (bushels).	Per cent of total.
	United States.	122,024,773	100.0		United States.	173,344,212	100.0
1	California	21,897,283	17.94	1	Minnesota	34,927,773	20.15
2	Minnesota	14,849,069	12.17	2	California	26,441,954	15.25
3	South Dakota	12,815,768	10.50	3	North Dakota	26,365,758	15.21
4	Wisconsin	12,101,861	9.99	4	South Dakota	22,396,130	12.92
5	North Dakota	12,052,881	9.88	5	Wisconsin	22,156,041	12.78
6	Kansas	8,324,783	6.82	6	Iowa	10,964,184	6.33
7	Iowa	5,352,802	4.39	7	Washington	5,834,615	3.37
8	Michigan	4,802,768	3.94	8	Idaho	4,598,292	2.65
9	Nebraska	4,405,323	3.61	9	Oregon	2,377,735	1.37
10	Illinois	4,226,911	3.46	10	Kansas	2,221,816	1.28

TABLE 31.—BARLEY—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, 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.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**448,985**	**383,197**	**6,472,888**	**7,698,706**	**—1,225,818**	**—15.9**	**122,024,773**	**173,344,212**	**—51,319,439**	**—29.6**	**$160,427,255**	**$92,458,571**
GEOGRAPHIC DIVISIONS:												
New England	5,722	6,593	14,767	16,242	—1,475	—9.1	343,641	428,617	—84,976	—19.8	591,771	342,659
Middle Atlantic	28,584	20,515	130,788	87,733	43,055	49.1	2,549,471	2,062,189	487,282	23.6	3,697,471	1,414,366
East North Central	182,536	122,864	1,160,055	1,007,102	152,953	15.2	25,061,508	26,705,278	—1,643,770	—6.2	33,693,097	15,240,518
West North Central	176,703	196,723	3,536,158	4,762,928	—1,226,770	—25.8	57,946,122	98,997,430	—41,051,308	—41.5	68,015,039	47,400,962
South Atlantic	3,654	3,775	14,593	15,561	—968	—6.2	370,458	409,615	—39,157	—9.6	523,587	276,981
East South Central	1,551	442	12,083	5,388	6,695	124.3	221,027	119,922	101,105	84.3	360,046	79,171
West South Central	11,403	1,074	155,766	14,253	141,513	992.9	3,979,068	181,346	3,797,722	.....	4,470,878	107,835
Mountain	20,861	16,998	310,447	313,606	—3,159	—1.0	5,977,266	9,785,511	—3,808,245	—38.9	8,449,855	5,566,331
Pacific	17,971	14,213	1,138,231	1,475,893	—337,662	—22.9	25,576,212	34,654,304	—9,078,092	—26.2	40,625,511	22,029,748
NEW ENGLAND:												
Maine	1,029	2,258	4,358	4,136	222	5.4	104,912	106,674	—1,762	—1.7	183,597	86,230
New Hampshire	481	416	887	848	39	4.6	22,036	20,764	1,272	6.1	33,057	17,292
Vermont	3,160	3,569	8,594	10,586	—1,992	—18.8	196,815	285,008	—88,193	—30.9	344,431	225,803
Massachusetts	260	197	509	349	160	45.8	11,832	9,021	2,811	31.2	18,930	7,177
Rhode Island	43	63	145	182	—37	—20.3	3,154	4,676	—1,522	—32.5	4,416	4,126
Connecticut	149	90	274	141	133	94.3	4,892	2,474	2,418	97.7	7,340	2,031
MIDDLE ATLANTIC:												
New York	24,840	18,217	116,109	79,956	36,153	45.2	2,273,011	1,922,868	350,143	18.2	3,295,871	1,316,117
New Jersey	163	27	894	152	742	488.2	14,613	3,082	11,531	374.1	21,923	1,967
Pennsylvania	3,581	2,271	13,785	7,625	6,160	80.8	261,847	136,239	125,608	92.2	379,677	96,282
EAST NORTH CENTRAL:												
Ohio	19,601	4,753	114,217	24,075	90,142	374.4	2,412,196	569,279	1,842,917	323.7	3,256,468	311,741
Indiana	10,496	1,896	74,239	10,188	64,051	628.7	1,427,772	234,298	1,193,474	509.4	1,998,883	133,591
Illinois	17,653	7,074	176,792	63,325	113,467	179.2	4,226,911	1,613,559	2,613,352	162.0	5,494,990	880,706
Michigan	54,897	21,601	296,515	93,065	203,450	218.6	4,802,768	2,132,101	2,670,667	125.3	6,483,742	1,232,344
Wisconsin	79,889	87,540	498,292	816,449	—318,157	—39.0	12,191,861	22,156,041	—9,964,180	—45.0	16,459,014	12,682,136
WEST NORTH CENTRAL:												
Minnesota	64,877	85,681	814,381	1,573,761	—759,380	—48.3	14,849,069	34,927,773	—20,078,704	—57.5	18,561,350	17,213,817
Iowa	19,016	36,435	236,314	571,224	—334,910	—58.6	5,352,802	10,964,184	—5,611,382	—51.2	6,423,366	5,320,708
Missouri	1,152	852	8,930	7,915	1,015	12.8	145,496	134,253	11,243	8.4	203,695	80,245
North Dakota	32,837	33,167	1,085,329	1,215,811	—130,482	—10.7	12,052,881	26,365,758	—14,312,877	—54.3	13,860,815	11,962,036
South Dakota	25,435	28,704	754,929	1,114,531	—359,602	—32.3	12,815,768	22,396,130	—9,580,362	—42.8	15,378,922	10,873,522
Nebraska	15,328	5,904	211,242	113,571	97,671	86.0	4,405,323	1,987,516	2,417,807	121.6	4,845,864	870,846
Kansas	18,058	5,980	425,033	166,115	258,918	155.9	8,324,783	2,221,816	6,102,967	274.7	8,741,027	1,079,788
SOUTH ATLANTIC:												
Delaware	10	8	85	31	54	.....	625	422	203	48.1	812	288
Maryland	1,099	1,215	3,888	4,494	—606	—13.5	111,221	135,454	—24,233	—17.9	144,589	79,231
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	2,044	2,057	8,674	9,890	—1,216	—12.3	229,301	253,649	—24,348	—9.6	332,490	179,712
West Virginia	305	119	1,359	408	951	233.1	24,816	8,407	16,409	195.2	37,232	5,640
North Carolina	179	149	429	504	—75	—14.9	3,510	7,535	—4,025	—53.4	6,494	6,863
South Carolina	.....	190	.....	189	—189	.....	.....	3,483	—3,483	.....	.....	4,297
Georgia	5	36	21	44	—23	.....	65	655	—590	—90.1	130	942
Florida	12	1	137	1	136	.....	920	10	910	.....	1,840	8
EAST SOUTH CENTRAL:												
Kentucky	508	175	5,612	2,738	2,874	105.0	119,542	65,596	53,946	82.2	191,266	42,929
Tennessee	932	248	5,894	2,567	3,327	129.6	96,173	53,201	42,972	80.8	158,687	35,363
Alabama	111	14	577	41	536	.....	5,312	372	4,940	.....	10,093	336
Mississippi	.....	5	.....	42	—42	.....	.....	753	—753	.....	.....	543
WEST SOUTH CENTRAL:												
Arkansas	70	41	273	82	191	.....	2,900	1,267	1,633	128.9	4,641	1,136
Louisiana	35	.....	389	.....	389	.....	6,079	.....	6,079	.....	10,032	.....
Oklahoma	5,450	834	77,324	10,283	67,041	652.0	1,781,839	127,641	1,654,198	.....	2,049,119	75,059
Texas	5,848	199	77,780	3,888	73,892	.....	2,188,250	52,438	2,135,812	.....	2,407,086	31,640
MOUNTAIN:												
Montana	1,950	2,267	29,330	27,242	2,088	7.7	346,972	753,268	—406,296	—53.9	520,472	478,811
Idaho	4,577	3,955	67,871	132,412	—64,541	—48.7	1,348,876	4,598,292	—3,249,416	—70.7	2,023,329	2,322,705
Wyoming	598	882	7,970	8,561	—591	—6.9	115,624	189,057	—73,433	—38.8	179,218	130,392
Colorado	8,702	4,559	153,015	71,411	81,604	114.3	2,801,498	1,889,342	912,156	48.3	3,641,948	1,100,753
New Mexico	987	338	8,976	2,131	6,845	321.2	194,059	43,490	150,569	346.2	252,280	35,626
Arizona	934	983	21,748	32,897	—11,149	—33.9	656,835	1,008,442	—351,607	—34.9	952,415	714,834
Utah	2,801	3,554	15,938	26,752	—10,814	—40.4	365,186	891,471	—526,285	—59.0	620,814	472,816
Nevada	312	460	5,599	12,200	—6,601	—54.1	148,216	412,149	—263,933	—64.0	259,379	310,394
PACIFIC:												
Washington	3,778	3,333	84,568	171,888	—87,320	—50.8	2,249,856	5,834,615	—3,584,759	—61.4	3,374,792	3,331,930
Oregon	3,450	3,283	66,595	108,847	—42,252	—38.8	1,429,073	2,377,735	—948,662	—39.9	2,215,065	1,513,310
California	10,743	7,597	987,068	1,195,158	—208,090	—17.4	21,897,283	26,441,954	—4,544,671	—17.2	35,035,654	17,184,508

TABLE 32.—BARLEY—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
United States	6,472,888	7,698,706	4,470,196	3,220,834	1,997,727	122,024,773	173,344,212	119,634,877	78,332,976	43,997,495	14.4	20.1
GEOGRAPHIC DIVISIONS:												
New England	14,767	16,242	23,554	35,754	29,580	343,641	428,617	704,957	871,872	697,884	2.6	2.5
Middle Atlantic	130,788	87,733	121,577	370,308	380,461	2,549,471	2,062,189	3,145,218	8,715,178	8,234,253	4.6	4.3
East North Central	1,160,055	1,007,102	665,678	662,981	387,989	25,061,508	26,705,278	21,865,348	20,255,569	9,566,921	6.4	8.2
West North Central	3,536,158	4,762,928	2,305,281	1,175,304	476,703	57,946,122	98,997,430	59,695,149	27,002,216	9,440,967	20.0	24.2
South Atlantic	14,593	15,561	5,717	4,755	4,380	370,458	409,615	109,559	84,482	68,133	4.0	4.1
East South Central	12,083	5,388	2,848	9,641	23,244	221,027	119,922	42,138	232,696	521,974	7.8	12.2
West South Central	155,766	14,253	21,334	2,946	5,684	3,079,068	181,346	433,625	49,856	74,738	13.7	13.3
Mountain	310,447	313,606	111,887	53,877	59,345	5,977,266	9,785,511	3,333,342	1,429,228	1,441,550	14.9	18.4
Pacific	1,138,231	1,475,893	1,212,320	905,268	630,341	25,576,212	34,654,304	30,305,541	19,691,879	13,951,075	63.3	103.8
NEW ENGLAND:												
Maine	4,358	4,136	8,809	11,972	11,106	104,912	106,674	252,850	286,262	242,185	2.7	1.8
New Hampshire	887	848	1,596	4,934	3,461	22,036	20,764	46,680	112,378	77,877	1.8	2.0
Vermont	8,594	10,586	12,152	16,427	10,552	196,815	285,008	380,940	420,761	267,625	2.7	3.0
Massachusetts	509	349	638	1,785	3,171	11,832	9,021	14,987	38,715	80,128	2.0	1.8
Rhode Island	145	182	222	363	715	3,154	4,676	6,100	8,009	17,783	3.4	2.9
Connecticut	274	141	137	273	575	4,892	2,474	3,400	5,747	12,286	1.8	1.6
MIDDLE ATLANTIC:												
New York	116,109	79,956	111,658	349,311	356,629	2,273,011	1,922,868	2,943,250	8,220,242	7,792,062	4.7	4.4
New Jersey	894	152	336	47	240	14,613	3,082	4,790	1,043	4,091	5.5	5.6
Pennsylvania	13,785	7,625	9,583	20,950	23,592	261,847	136,239	197,178	493,893	438,100	3.8	3.4
EAST NORTH CENTRAL:												
Ohio	114,217	24,075	34,058	37,092	57,482	2,412,196	569,279	1,053,240	1,059,915	1,707,129	5.8	5.1
Indiana	74,239	10,188	9,533	10,280	16,399	1,427,772	234,298	260,550	250,200	382,835	7.1	5.4
Illinois	176,792	63,325	21,375	41,390	55,267	4,226,911	1,613,559	686,580	1,197,206	1,229,523	10.0	9.0
Michigan	296,515	93,065	44,965	99,305	54,506	4,802,768	2,132,101	1,165,288	2,522,376	1,204,316	5.4	4.3
Wisconsin	498,292	816,449	555,747	474,914	204,335	12,191,861	22,156,041	18,699,690	15,225,872	5,043,118	6.2	9.3
WEST NORTH CENTRAL:												
Minnesota	814,381	1,573,761	877,845	358,510	116,020	14,849,069	34,927,773	24,314,240	9,100,683	2,972,965	12.6	18.4
Iowa	236,314	571,224	627,851	518,729	198,861	5,352,802	10,964,184	18,059,060	13,406,122	4,022,588	12.4	15.7
Missouri	8,930	7,915	1,727	1,504	6,472	145,496	134,253	28,969	34,863	123,031	7.8	9.3
North Dakota [1]	1,085,329	1,215,811	287,092	109,400	2,338	12,052,881	26,365,758	6,752,060	1,570,717	67,399	33.1	36.7
South Dakota [1]	754,929	1,114,531	209,510	97,370	13,818	12,815,768	22,396,130	7,031,760	902,005	210,025	29.7	38.8
Nebraska	211,242	113,571	92,098	82,590	115,201	4,405,323	1,987,516	2,034,910	1,822,111	1,744,686	13.8	19.2
Kansas	425,033	166,115	119,158	7,201	23,993	8,324,783	2,221,816	1,474,150	165,715	300,273	23.5	27.8
SOUTH ATLANTIC:												
Delaware	85	31	3	12	19	625	422	40	205	523	8.5	3.9
Maryland	3,888	4,494	1,515	818	226	111,221	135,454	42,560	18,778	6,097	3.5	3.7
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	8,674	9,890	2,768	2,051	859	229,301	253,649	53,346	40,982	14,223	4.2	4.8
West Virginia	1,359	408	253	326	424	24,816	8,407	3,660	5,387	9,740	4.5	3.4
North Carolina	429	504	475	302	230	3,510	7,535	4,237	3,521	2,421	2.4	3.4
South Carolina	.....	189	281	688	1,162	.....	3,483	3,106	9,428	16,257	.....	1.0
Georgia	21	44	395	549	1,439	65	655	2,290	6,053	18,662	4.2	1.2
Florida	137	1	27	9	21	920	10	320	128	210	11.4	1.0
EAST SOUTH CENTRAL:												
Kentucky	5,612	2,738	953	5,776	20,089	119,542	65,596	17,772	165,959	486,326	11.0	15.6
Tennessee	5,894	2,567	1,590	3,585	2,600	96,173	53,201	21,636	63,866	30,010	6.3	10.4
Alabama	577	41	273	200	511	5,312	372	2,400	1,996	5,281	5.2	2.9
Mississippi	.....	42	32	80	44	.....	753	330	875	348	.....	8.4
WEST SOUTH CENTRAL:												
Arkansas	273	82	304	106	157	2,900	1,267	2,809	994	1,952	3.9	2.0
Louisiana	389	.....	16	41	.....	6,079	.....	110	598	.....	11.1	.....
Oklahoma [2]	77,324	10,283	16,634	17	.....	1,781,839	127,641	350,340	112	.....	14.2	12.3
Texas	77,780	3,888	4,380	2,782	5,527	2,188,250	52,438	80,366	48,152	72,786	13.3	19.5
MOUNTAIN:												
Montana	29,330	27,242	22,848	4,652	1,323	346,972	753,268	844,140	160,902	39,970	15.0	12.0
Idaho	67,871	132,412	32,798	10,004	8,291	1,348,876	4,598,292	969,214	236,471	274,750	14.8	33.5
Wyoming	7,970	8,561	1,225	486	.....	115,624	189,057	29,690	11,763	.....	13.3	9.7
Colorado	153,015	71,411	21,949	12,086	4,112	2,801,498	1,889,342	531,240	331,556	107,116	17.6	15.7
New Mexico	8,976	2,131	1,110	1,484	2,548	194,059	43,490	24,107	35,024	50,053	9.1	6.3
Arizona	21,748	32,897	16,270	10,644	12,404	656,835	1,008,442	458,776	252,992	239,051	23.3	33.5
Utah	15,938	26,752	8,644	6,440	11,268	365,186	891,471	252,140	163,328	217,140	5.7	7.5
Nevada	5,599	12,200	7,043	8,081	19,399	148,216	412,149	224,035	237,192	513,470	17.9	26.5
PACIFIC:												
Washington	84,568	171,888	122,298	51,551	14,680	2,249,856	5,834,615	3,641,056	1,269,140	566,537	22.4	51.6
Oregon	66,595	108,847	60,375	37,722	29,311	1,429,073	2,377,735	1,515,150	874,353	920,977	19.3	33.2
California	987,068	1,195,158	1,029,647	815,995	586,350	21,897,283	26,441,954	25,149,335	17,548,386	12,463,561	91.9	157.3

[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.
[2] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 33.—BARLEY—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 31 and 32. See footnotes on Table 32.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (BUSHELS).					AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909		1919	1909	1899	1889	1879
United States	7.0	6.0	1.3	1.6	1.1	0.9	0.7	18.9	22.5	26.8	24.3	22.0	$1.31	$0.53	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																				
New England	3.7	3.5	0.2	0.2	0.3	0.3	0.2	23.3	26.4	29.9	24.4	23.6	1.72	0.80	0.23	0.28	0.25	0.59	1.11	1.59
Middle Atlantic	6.7	4.4	0.5	0.3	0.4	1.2	1.1	19.5	23.5	25.9	23.5	21.6	1.45	0.69	2.02	2.09	1.19	2.63	11.13	18.72
East North Central	16.8	10.9	1.3	1.1	0.8	0.8	0.5	21.6	26.5	32.8	30.6	24.7	1.34	0.57	17.92	20.54	15.41	18.28	25.86	21.74
West North Central	16.1	17.7	2.1	2.9	1.7	1.1	0.8	16.4	20.8	25.9	23.0	19.8	1.17	0.48	54.63	47.49	57.11	49.90	34.47	21.46
South Atlantic	0.3	0.3	(1)	(1)	(1)	(1)	(1)	25.4	26.3	19.2	17.8	15.6	1.41	0.68	0.23	0.30	0.24	0.09	0.11	0.15
East South Central	0.1	(1)	(1)	(1)	(1)	(1)	0.1	18.3	22.3	14.8	24.1	22.5	1.63	0.66	0.19	0.18	0.07	0.04	0.30	1.19
West South Central	1.1	0.1	0.2	(1)	0.1	(1)	(1)	25.5	12.7	20.3	16.9	13.1	1.12	0.59	2.41	3.26	0.10	0.36	0.06	0.17
Mountain	8.5	9.3	1.0	2.0	1.3	1.0	2.7	19.3	31.2	29.8	26.5	24.3	1.41	0.57	4.80	4.90	5.65	2.79	1.82	3.28
Pacific	7.7	7.5	4.8	6.7	6.5	5.2	4.7	22.5	23.5	25.0	21.8	22.1	1.59	0.64	17.58	20.96	19.99	25.33	25.14	31.71
NEW ENGLAND:																				
Maine	3.4	3.8	0.2	0.2	0.4	0.4	0.3	24.1	25.8	28.7	23.9	21.8	1.75	0.81	0.07	0.09	0.06	0.21	0.37	0.55
New Hampshire	2.3	1.5	0.1	0.1	0.1	0.3	0.1	24.8	24.5	29.2	22.8	22.5	1.50	0.83	0.01	0.02	0.01	0.04	0.14	0.18
Vermont	10.9	10.9	0.5	0.6	0.6	0.6	0.3	22.9	26.9	31.3	25.6	25.4	1.75	0.79	0.13	0.16	0.16	0.32	0.54	0.61
Massachusetts	0.8	0.5	0.1	(1)	(1)	0.1	0.1	23.2	25.8	23.5	21.7	25.3	1.60	0.80	0.01	0.01	0.01	0.01	0.05	0.18
Rhode Island	1.1	1.2	0.1	0.1	0.1	0.1	0.2	21.8	25.7	27.5	22.1	24.9	1.40	0.88	(2)	(2)	(2)	0.01	0.01	0.04
Connecticut	0.7	0.3	(1)	(1)	(1)	(1)	(1)	17.9	17.5	24.8	21.1	21.4	1.50	0.82	(2)	(2)	(2)	(2)	0.01	0.03
MIDDLE ATLANTIC:																				
New York	12.9	8.4	0.9	0.5	0.7	2.1	2.0	19.6	24.0	26.4	23.5	21.8	1.45	0.68	1.79	1.86	1.11	2.46	10.49	17.71
New Jersey	0.5	0.1	0.1	(1)	(1)	(1)	(1)	16.3	20.3	14.3	22.2	17.0	1.50	0.64	0.01	0.01	(2)	(2)	(2)	0.01
Pennsylvania	1.8	1.0	0.1	0.1	0.1	0.2	0.2	19.0	17.9	20.6	23.6	18.6	1.45	0.71	0.21	0.21	0.08	0.16	0.63	1.00
EAST NORTH CENTRAL:																				
Ohio	7.6	1.7	0.6	0.1	0.2	0.2	0.3	21.1	23.6	30.9	28.6	29.7	1.35	0.55	1.76	1.98	0.33	0.88	1.35	3.88
Indiana	5.1	0.9	0.4	0.1	0.1	0.1	0.1	19.2	23.0	27.3	24.3	23.3	1.40	0.57	1.15	1.17	0.14	0.22	0.32	0.87
Illinois	7.4	2.8	0.6	0.2	0.1	0.2	0.2	23.9	25.5	32.1	28.9	22.2	1.30	0.55	2.73	3.46	0.93	0.57	1.53	2.79
Michigan	27.9	10.4	2.3	0.7	0.4	1.0	0.7	16.2	22.9	25.9	25.4	22.1	1.35	0.58	4.58	3.94	1.23	0.97	3.22	2.74
Wisconsin	42.2	49.4	4.0	6.9	4.9	4.8	2.2	24.5	27.1	33.6	32.1	24.7	1.35	0.57	7.70	9.99	12.78	15.63	19.44	11.46
WEST NORTH CENTRAL:																				
Minnesota	36.4	54.9	3.8	8.0	4.8	3.2	1.6	18.2	22.2	27.7	25.4	25.6	1.25	0.49	12.58	12.17	20.15	20.32	11.62	6.76
Iowa	8.9	16.8	0.8	1.9	2.1	2.0	1.0	22.7	19.2	28.8	25.8	20.2	1.20	0.49	3.65	4.39	6.33	15.10	17.11	9.14
Missouri	0.4	0.3	(1)	(1)	(1)	(1)	(1)	16.3	17.0	16.8	23.2	19.0	1.40	0.60	0.14	0.12	0.08	0.02	0.04	0.28
North Dakota	42.3	44.6	4.4	5.9	3.0	2.3	0.9	11.1	21.7	23.5	14.4	28.8	1.15	0.45	16.77	9.88	15.21	5.64	2.01	0.15
South Dakota	34.1	37.0	4.1	7.0	2.7	1.4	1.6	17.0	20.1	23.5	9.3	15.2	1.20	0.49	11.66	10.50	12.92	5.88	1.15	0.48
Nebraska	12.3	4.6	0.9	0.5	0.5	0.5	2.1	20.9	17.5	22.1	22.1	15.1	1.10	0.44	3.26	3.61	1.15	1.70	2.33	3.97
Kansas	10.9	3.4	1.4	0.6	0.5	(1)	0.2	19.6	13.4	12.4	23.0	12.6	1.05	0.49	6.57	6.82	1.28	1.23	0.21	0.68
SOUTH ATLANTIC:																				
Delaware	0.1	0.1	(1)	(1)	(1)	(1)	(1)	7.4	13.6	13.3	17.1	27.5	1.30	0.68	(2)	(2)	(2)	(2)	(2)	(2)
Maryland	2.3	2.5	0.1	0.1	(1)	(1)	(1)	28.6	30.1	28.1	23.0	27.0	1.30	0.58	0.06	0.09	0.08	0.04	0.02	0.01
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	1.1	1.1	0.1	0.1	(1)	(1)	(1)	26.4	25.6	19.3	20.0	16.6	1.45	0.71	0.13	0.19	0.15	0.04	0.05	0.03
West Virginia	0.3	0.1	(1)	(1)	(1)	(1)	(1)	18.3	20.6	14.5	16.5	23.0	1.50	0.67	0.02	0.02	(2)	(2)	0.01	0.02
North Carolina	0.1	0.1	(1)	(1)	(1)	(1)	(1)	8.2	15.0	8.9	11.7	10.5	1.85	0.91	0.01	(2)	(2)	(2)	(2)	0.01
South Carolina	.....	0.1	.....	(1)	(1)	(1)	(1)	.....	18.4	11.1	13.7	14.0	.....	1.23	.....	.....	(2)	(2)	0.01	0.04
Georgia	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.1	14.9	5.8	11.0	13.0	2.00	1.44	(2)	(2)	(2)	(2)	0.01	0.04
Florida	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.7	10.0	11.9	14.2	10.0	2.00	0.80	(2)	(2)	(2)	(2)	(2)	(2)
EAST SOUTH CENTRAL:																				
Kentucky	0.2	0.1	(1)	(1)	(1)	(1)	0.2	21.3	24.0	18.6	28.7	24.2	1.60	0.65	0.09	0.10	0.04	0.01	0.21	1.11
Tennessee	0.4	0.1	0.1	(1)	(1)	(1)	(1)	16.3	20.7	13.6	17.8	11.5	1.65	0.66	0.09	0.08	0.03	0.02	0.08	0.07
Alabama	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9.2	9.1	8.8	10.0	10.3	1.90	0.90	0.01	(2)	(2)	(2)	(2)	0.01
Mississippi	.....	(1)	.....	(1)	(1)	(1)	(1)	.....	17.9	10.3	10.9	7.9	.....	0.72	.....	.....	(2)	(2)	(2)	(2)
WEST SOUTH CENTRAL:																				
Arkansas	(1)	(1)	(1)	(1)	(1)	(1)	(1)	10.6	15.5	9.2	9.4	12.4	1.60	0.90	(2)	(2)	(2)	(2)	(2)	(2)
Louisiana	(1)	.....	(1)	.....	(1)	(1)	.....	15.6	.....	6.9	14.6	.....	1.65	.....	0.01	(2)	.....	(2)	(2)	.....
Oklahoma	2.8	0.4	0.4	0.1	0.2	(1)	.....	23.0	12.4	21.1	6.6	.....	1.15	0.59	1.19	1.46	0.07	0.29	(2)	.....
Texas	1.3	(1)	0.2	(1)	(1)	(1)	(1)	28.1	13.5	18.3	17.3	13.2	1.10	0.60	1.20	1.79	0.03	0.07	0.06	0.17
MOUNTAIN:																				
Montana	3.4	8.6	0.3	0.7	1.3	0.5	0.5	11.8	27.6	36.9	34.6	30.2	1.50	0.64	0.45	0.28	0.43	0.71	0.21	0.09
Idaho	10.9	12.8	1.5	4.8	2.3	1.6	4.2	19.9	34.7	29.6	23.6	33.1	1.50	0.51	1.05	1.11	2.65	0.81	0.30	0.62
Wyoming	3.8	8.0	0.4	0.7	0.2	0.1	.....	14.5	22.1	24.2	24.2	.....	1.55	0.69	0.12	0.09	0.11	0.02	0.02	.....
Colorado	14.5	9.9	2.0	1.7	1.0	0.7	0.7	18.3	26.5	24.2	27.4	26.0	1.30	0.58	2.36	2.30	1.09	0.44	0.42	0.24
New Mexico	3.3	0.9	0.5	0.1	0.3	0.6	1.1	21.6	20.4	21.7	23.6	19.6	1.30	0.82	0.14	0.16	0.03	0.02	0.04	0.11
Arizona	9.4	10.7	3.1	9.4	6.4	10.2	22.1	30.2	30.7	28.2	23.8	19.3	1.45	0.71	0.34	0.54	0.58	0.38	0.32	0.54
Utah	10.9	16.4	0.9	2.0	0.8	1.2	2.7	22.9	33.3	29.2	25.4	19.3	1.70	0.53	0.25	0.30	0.51	0.21	0.21	0.49
Nevada	9.9	17.1	0.9	1.6	1.2	1.1	5.6	26.5	33.8	31.8	29.4	26.5	1.75	0.75	0.09	0.12	0.24	0.19	0.30	1.17
PACIFIC:																				
Washington	5.7	5.9	1.2	2.7	3.5	2.8	3.0	26.6	33.9	29.8	24.6	38.6	1.50	0.57	1.31	1.84	3.37	3.04	1.62	1.29
Oregon	6.9	7.2	1.4	2.5	1.8	1.1	1.3	21.5	21.8	25.1	23.2	31.4	1.55	0.64	1.03	1.17	1.37	1.27	1.12	2.09
California	9.1	8.6	8.3	10.5	8.6	6.7	5.5	22.2	22.1	24.4	21.5	21.3	1.60	0.65	15.25	17.94	15.25	21.02	22.40	28.33

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

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

Rye.—The acreage of rye harvested in the United States in 1919 was 7,679,005 and the production was 75,992,223 bushels, as compared with 2,195,561 acres, producing 29,520,457 bushels, in 1909. The area harvested thus shows an increase of 5,483,444 acres, or 249.8 per cent, while the production shows an increase of 46,471,766 bushels, or 157.4 per cent. The value of the crop in 1919 was $116,537,965.

A summary of the available census data with regard to the production of rye in the United States, beginning with the production of 1849, is given in Table 34. The principal data are also given, by divisions and states, in Tables 37, 38, and 39.

PRODUCTION OF RYE, 10 LEADING STATES: 1919 AND 1909.

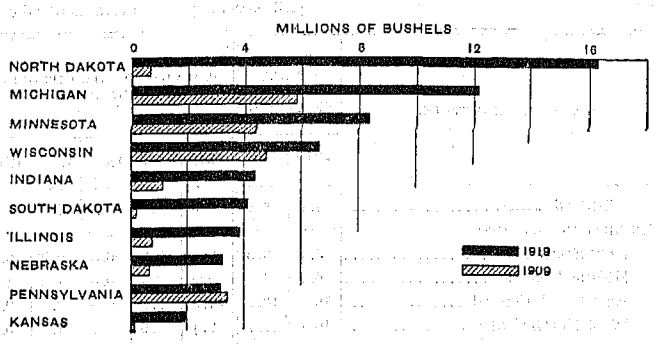


TABLE 34.—RYE—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 37, 38, and 39.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	469,113	275,706	295,108					
Per cent of all farms	7.3	4.3	5.1					
Acreage	7,679,005	2,195,561	2,054,292	2,171,604	1,842,233			
Increase over preceding census [1]	5,483,444	141,269	−117,312	329,371				
Per cent of increase [1]	249.8	6.9	−5.4	17.9				
Average per farm reporting	16.4	8.0	7.0					
Per cent that acreage in rye formed of—								
Total improved acreage	1.5	0.5	0.5	0.6	0.6			
Total reported crop acreage	2.2	0.7	0.7					
Production (bushels)	75,992,223	29,520,457	25,568,625	28,421,398	19,831,595	16,918,795	21,101,380	14,188,813
Increase over preceding census [1]	46,471,766	3,951,832	−2,852,773	8,589,803	2,912,800	−4,182,585	6,912,567	
Per cent of increase [1]	157.4	15.5	−10.0	43.3	17.2	−19.8	48.7	
Average yield per acre	9.9	13.4	12.4	13.1	10.8			
Value	$116,537,965	$20,421,812	$12,290,540					
Increase over preceding census	$96,116,153	$8,131,272						
Per cent of increase	470.7	66.2						
Average per bushel	$1.53	$0.69	$0.48					
Average per acre	$15.18	$9.30	$5.98					
Per cent that value of rye formed of total value of all crops	0.8	0.4	0.4					

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

TABLE 35.—THE TEN STATES LEADING IN ACREAGE OF RYE: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Acreage.	Per cent of total.	Rank.	STATE.	Acreage.	Per cent of total.
	United States.	7,679,005	100.0		United States.	2,195,561	100.0
1	North Dakota	2,422,563	31.55	1	Michigan	419,020	19.08
2	Michigan	912,951	11.89	2	Wisconsin	339,213	15.45
3	Minnesota	649,609	8.46	3	Pennsylvania	272,560	12.41
4	Wisconsin	529,063	6.89	4	Minnesota	266,567	12.14
5	South Dakota	463,132	6.03	5	New York	130,540	5.95
6	Nebraska	359,926	4.69	6	Indiana	83,440	3.80
7	Indiana	350,908	4.57	7	New Jersey	69,032	3.14
8	Illinois	319,636	4.16	8	Ohio	67,912	3.09
9	Pennsylvania	242,989	3.16	9	Nebraska	62,827	2.86
10	Kansas	190,506	2.48	10	Illinois	58,973	2.69

TABLE 36.—THE TEN STATES LEADING IN PRODUCTION OF RYE: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Production (bushels).	Per cent of total.	Rank.	STATE.	Production (bushels).	Per cent of total.
	United States.	75,992,223	100.0		United States.	29,520,457	100.0
1	North Dakota	16,294,377	21.44	1	Michigan	5,814,394	19.70
2	Michigan	12,168,182	16.01	2	Wisconsin	4,797,775	16.25
3	Minnesota	8,362,940	11.00	3	Minnesota	4,426,028	14.99
4	Wisconsin	6,672,383	8.78	4	Pennsylvania	3,496,603	11.84
5	Indiana	4,432,091	5.83	5	New York	2,010,601	6.81
6	South Dakota	4,111,543	5.41	6	Indiana	1,121,589	3.80
7	Illinois	3,872,621	5.10	7	New Jersey	951,271	3.22
8	Nebraska	3,259,390	4.29	8	Ohio	921,919	3.12
9	Pennsylvania	3,208,003	4.22	9	Illinois	787,519	2.67
10	Kansas	1,906,768	2.51	10	North Dakota	689,233	2.33

TABLE 37.—RYE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, 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.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**469,113**	**275,796**	**7,679,005**	**2,195,561**	**5,483,444**	**249.8**	**75,992,223**	**29,520,457**	**46,471,766**	**157.4**	**$116,537,965**	**$20,421,812**
GEOGRAPHIC DIVISIONS:												
New England	4,348	5,674	10,282	13,221	−2,939	−22.2	154,265	230,458	−76,193	−33.1	294,137	206,852
Middle Atlantic	69,492	79,627	432,824	472,132	−39,308	−8.3	5,772,471	6,458,475	−686,004	−10.6	9,676,644	4,959,172
East North Central	193,235	113,438	2,229,022	968,558	1,260,464	130.1	28,811,726	13,443,196	15,368,530	114.3	44,161,824	9,011,568
West North Central	127,600	32,948	4,282,616	470,582	3,812,034	810.1	35,963,450	6,907,788	29,055,662	420.6	53,204,213	4,216,576
South Atlantic	46,325	32,982	198,139	157,546	40,593	25.8	1,479,413	1,322,474	156,939	11.9	2,836,161	1,106,617
East South Central	9,871	6,940	57,491	50,091	7,400	14.8	422,283	400,709	21,574	5.4	804,078	337,152
West South Central	6,174	847	88,277	5,926	82,351	.....	935,895	49,137	886,758	.....	1,409,048	41,165
Mountain	8,234	2,204	277,805	32,115	245,690	765.0	1,724,784	439,767	1,285,017	292.2	2,692,610	300,134
Pacific	3,834	1,136	102,549	25,390	77,159	303.9	727,936	268,453	459,483	171.2	1,459,250	242,576
NEW ENGLAND:												
Maine	133	109	272	292	−20	−6.8	4,673	4,815	−142	−2.9	9,346	4,388
New Hampshire	210	176	627	260	367	141.2	6,760	4,534	2,226	49.1	12,844	4,680
Vermont	206	278	527	1,115	−588	−52.7	6,942	16,689	−9,747	−58.4	13,190	14,533
Massachusetts	1,192	1,304	3,062	3,476	−414	−11.9	46,261	59,183	−12,922	−21.8	87,896	52,396
Rhode Island	120	176	349	477	−128	−26.8	5,650	7,545	−1,895	−25.1	11,300	7,007
Connecticut	2,487	3,631	5,445	7,601	−2,156	−28.4	83,979	137,692	−53,713	−39.0	159,561	123,848
MIDDLE ATLANTIC:												
New York	17,491	19,517	115,661	130,540	−14,879	−11.4	1,520,552	2,010,601	−490,049	−24.4	2,660,972	1,578,408
New Jersey	6,742	7,462	74,174	69,032	5,142	7.4	1,043,916	951,271	92,645	9.7	1,722,461	707,250
Pennsylvania	45,259	52,648	242,989	272,560	−29,571	−10.8	3,208,003	3,496,603	−288,600	−8.3	5,293,211	2,673,514
EAST NORTH CENTRAL:												
Ohio	15,860	10,224	116,464	67,912	48,552	71.5	1,666,449	921,919	744,530	80.8	2,582,991	636,276
Indiana	27,430	9,512	350,908	83,440	267,468	320.6	4,432,091	1,121,589	3,310,502	295.2	6,648,162	743,782
Illinois	19,569	4,643	319,036	58,973	260,063	442.0	3,872,621	787,519	3,085,102	391.7	6,002,566	523,374
Michigan	77,821	48,889	912,951	419,020	493,931	117.9	12,168,182	5,814,394	6,353,788	109.3	18,252,291	3,944,616
Wisconsin	52,555	40,170	529,063	339,213	189,850	56.0	6,672,383	4,797,775	1,874,608	39.1	10,675,814	3,163,520
WEST NORTH CENTRAL:												
Minnesota	40,500	18,777	649,609	266,567	383,042	143.7	8,362,940	4,426,028	3,936,912	88.9	12,962,560	2,679,987
Iowa	7,720	4,301	89,458	42,042	47,416	112.8	1,110,739	570,996	539,743	94.5	1,666,128	357,220
Missouri	9,582	2,601	107,422	20,001	87,421	437.1	917,693	205,813	711,880	345.9	1,468,304	156,852
North Dakota	35,041	1,463	2,422,563	48,188	2,374,375	.....	16,294,377	689,233	15,605,144	.....	23,626,848	411,728
South Dakota	10,677	679	463,132	13,778	449,354	.....	4,111,543	194,672	3,916,871	.....	5,961,741	115,126
Nebraska	12,951	3,887	359,926	62,827	297,099	472.9	3,259,390	660,631	2,598,759	393.4	4,563,143	383,736
Kansas	11,129	1,240	190,506	17,179	173,327	.....	1,906,768	160,415	1,746,353	.....	2,955,489	111,927
SOUTH ATLANTIC:												
Delaware	951	210	6,198	1,017	5,181	509.4	58,235	11,423	46,812	409.8	101,912	8,169
Maryland	4,178	5,181	21,196	28,093	−6,897	−24.6	230,596	357,562	−126,966	−35.5	380,486	252,691
District of Columbia	3	2	10	13	−3	.....	202	190	12	6.3	343	135
Virginia	11,655	8,509	57,018	47,890	9,128	19.1	456,689	438,345	18,344	4.2	822,039	344,241
West Virginia	3,900	2,774	19,760	15,679	4,081	26.0	186,709	148,676	38,033	25.6	326,749	122,258
North Carolina	19,637	12,830	67,871	48,685	19,186	39.4	390,123	280,431	109,692	39.1	819,263	269,566
South Carolina	2,134	1,043	6,877	2,958	3,919	132.5	50,342	20,631	29,711	144.0	143,477	32,197
Georgia	3,772	2,340	18,041	12,352	5,689	46.1	100,209	59,937	40,272	67.2	225,491	69,365
Florida	95	93	1,168	859	309	36.0	6,308	5,279	1,029	19.5	16,401	7,995
EAST SOUTH CENTRAL:												
Kentucky	4,090	3,488	27,678	26,813	865	3.2	240,555	255,532	−14,977	−5.9	445,032	202,534
Tennessee	5,240	3,166	28,326	22,798	5,528	24.2	171,124	140,925	30,199	21.4	333,693	129,845
Alabama	454	267	1,171	437	734	168.0	8,079	3,736	4,343	116.2	19,797	4,314
Mississippi	87	19	316	43	273	.....	2,525	516	2,009	389.3	5,556	459
WEST SOUTH CENTRAL:												
Arkansas	614	303	2,082	1,080	1,002	92.8	13,900	7,354	6,546	89.0	27,800	6,834
Louisiana	25	9	118	19	99	.....	1,486	193	1,293	669.9	3,419	236
Oklahoma	4,060	396	71,680	4,291	67,389	.....	705,124	37,240	667,884	.....	1,022,434	30,364
Texas	1,475	139	14,397	536	13,861	.....	215,385	4,350	211,035	.....	355,395	3,731
MOUNTAIN:												
Montana	1,863	395	75,979	6,034	69,945	.....	227,948	111,214	116,734	105.0	376,115	82,669
Idaho	544	218	11,937	3,295	8,642	262.3	81,854	40,241	41,613	103.4	151,430	28,976
Wyoming	1,069	158	41,879	1,516	40,363	.....	192,532	20,479	172,053	840.1	336,933	14,791
Colorado	3,945	992	133,131	15,715	117,416	747.2	1,088,564	198,025	890,539	449.7	1,578,424	123,530
New Mexico	240	28	3,751	257	3,494	.....	53,797	2,913	50,884	.....	86,074	2,650
Arizona	31	6	177	21	156	.....	3,471	261	3,210	.....	6,770	239
Utah	504	396	10,378	5,234	5,144	98.3	72,507	65,754	6,753	10.3	148,642	46,338
Nevada	38	11	573	43	530	.....	4,111	880	3,231	367.2	8,222	941
PACIFIC:												
Washington	1,083	215	41,677	5,450	36,227	664.7	229,653	50,746	178,907	352.6	459,306	43,974
Oregon	2,288	728	42,476	12,913	29,563	228.9	312,463	147,024	165,439	112.5	656,174	132,756
California	463	193	18,396	7,027	11,369	161.8	185,820	70,683	115,137	162.9	343,770	65,846

TABLE 38.—RYE—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
United States	**7,679,005**	**2,195,561**	**2,054,292**	**2,171,604**	**1,842,233**	**75,992,223**	**29,520,457**	**25,568,625**	**28,421,398**	**19,831,595**	**16.4**	**8.0**
GEOGRAPHIC DIVISIONS:												
New England	10,282	13,221	18,655	32,770	64,428	154,265	230,458	317,964	403,525	730,215	2.4	2.3
Middle Atlantic	432,824	472,132	556,431	650,160	749,413	5,772,471	6,458,475	7,207,830	7,681,836	7,267,375	6.2	5.9
East North Central	2,229,022	968,558	676,303	703,943	439,544	28,811,726	13,443,196	9,199,566	10,865,029	6,407,542	11.5	8.5
West North Central	4,282,616	470,582	556,406	472,174	234,008	35,963,450	6,907,788	6,798,638	7,086,600	3,131,164	33.6	14.3
South Atlantic	198,139	157,546	114,319	184,640	195,064	1,479,413	1,322,474	862,549	1,268,879	1,152,226	4.3	4.8
East South Central	57,491	50,091	35,985	74,585	128,480	422,283	400,709	275,363	607,630	858,005	5.8	7.2
West South Central	88,277	5,926	10,582	7,908	6,817	935,895	49,137	104,627	78,977	48,799	14.3	7.0
Mountain	277,805	32,115	9,519	9,403	2,839	1,724,784	439,767	123,458	102,657	34,159	33.7	14.6
Pacific	102,549	25,390	76,092	36,021	21,640	727,936	268,453	678,630	326,265	202,110	26.7	22.4
NEW ENGLAND:												
Maine	272	292	611	791	2,161	4,673	4,815	9,290	6,664	26,398	2.0	2.7
New Hampshire	627	260	350	1,056	3,218	6,760	4,534	5,320	11,962	34,638	3.0	1.5
Vermont	527	1,115	2,264	3,379	6,319	6,942	16,689	31,950	43,256	71,733	2.6	4.0
Massachusetts	3,062	3,476	4,557	10,665	21,666	46,261	59,183	60,294	117,091	213,716	2.6	2.7
Rhode Island	349	477	591	779	1,270	5,650	7,545	7,710	9,617	12,997	2.9	2.7
Connecticut	5,445	7,601	10,282	16,100	29,794	83,979	137,692	203,400	214,935	370,733	2.2	2.1
MIDDLE ATLANTIC:												
New York	115,661	130,540	177,416	236,874	244,923	1,520,552	2,010,601	2,431,670	3,065,623	2,634,690	6.6	6.7
New Jersey	74,174	69,032	68,967	77,245	106,025	1,043,916	951,271	831,410	874,049	949,064	11.0	9.3
Pennsylvania	242,989	272,560	310,048	336,041	398,465	3,208,003	3,496,603	3,944,750	3,742,164	3,683,621	5.4	5.2
EAST NORTH CENTRAL:												
Ohio	116,464	67,912	17,583	59,643	29,499	1,666,449	921,919	257,120	1,007,156	389,221	7.3	6.6
Indiana	350,908	83,440	43,562	62,890	25,400	4,432,091	1,121,589	564,300	877,532	303,105	12.8	8.8
Illinois	319,636	58,973	78,869	165,598	192,138	3,872,621	787,519	1,104,670	2,628,046	3,121,785	16.3	12.7
Michigan	912,951	419,020	174,096	140,754	22,815	12,168,182	5,814,394	2,130,870	2,101,713	294,918	11.7	8.6
Wisconsin	529,063	339,213	362,193	275,058	169,692	6,672,383	4,797,775	5,142,606	4,250,582	2,298,513	10.1	8.4
WEST NORTH CENTRAL:												
Minnesota	649,609	266,567	118,869	62,869	13,614	8,362,940	4,426,028	1,866,150	1,252,663	215,245	16.0	14.2
Iowa	89,458	42,042	89,172	93,707	102,607	1,110,739	570,996	1,179,970	1,445,283	1,518,605	11.6	9.8
Missouri	107,422	20,001	21,233	24,283	46,484	917,693	205,813	220,338	308,807	535,426	11.2	7.7
North Dakota [1]	2,422,563	48,188	27,995	1,568	.....	16,294,377	689,233	368,240	12,195	.....	69.1	32.9
South Dakota [1]	463,132	13,778	39,253	9,229	2,385	4,111,543	194,672	454,860	65,183	24,359	43.4	20.3
Nebraska	359,926	62,827	178,920	81,372	34,297	3,259,390	660,631	1,901,820	1,085,083	424,348	27.8	16.2
Kansas	190,506	17,179	80,964	199,146	34,621	1,906,768	160,415	807,260	2,917,386	413,181	17.1	13.9
SOUTH ATLANTIC:												
Delaware	6,198	1,017	1,103	775	773	58,235	11,423	12,380	6,625	5,953	6.5	4.8
Maryland	21,196	28,093	21,621	34,302	32,405	230,596	357,562	279,550	352,596	288,067	5.1	5.4
District of Columbia	10	13	22	111	301	202	190	290	1,099	3,704	3.3	6.5
Virginia	57,018	47,890	31,534	52,063	48,746	456,689	438,345	246,834	397,394	324,431	4.9	5.6
West Virginia	19,760	15,679	13,758	14,962	17,279	186,709	148,676	111,031	117,113	113,181	5.1	5.7
North Carolina	67,871	48,685	28,074	56,496	61,953	390,123	280,431	133,730	276,339	285,160	3.5	3.8
South Carolina	6,877	2,958	4,256	4,129	7,152	50,342	20,631	19,372	17,303	27,049	3.2	2.8
Georgia	18,041	12,352	13,185	20,949	25,854	109,209	59,937	54,492	87,021	101,716	4.8	5.3
Florida	1,168	859	766	853	601	6,308	5,279	4,870	13,389	2,965	12.3	9.2
EAST SOUTH CENTRAL:												
Kentucky	27,678	26,813	17,618	45,546	89,417	240,555	255,532	155,365	423,847	668,050	6.8	7.7
Tennessee	28,326	22,798	16,556	26,443	32,493	171,124	140,925	107,912	165,621	156,419	5.4	7.2
Alabama	1,171	437	1,708	2,190	5,764	8,079	3,736	11,123	14,618	28,402	2.6	1.6
Mississippi	316	43	103	406	806	2,525	516	963	3,544	5,134	3.6	2.3
WEST SOUTH CENTRAL:												
Arkansas	2,082	1,080	2,883	2,470	3,290	13,900	7,354	19,125	15,181	22,387	3.4	3.6
Louisiana	118	19	55	73	201	1,486	193	372	374	1,013	4.7	2.1
Oklahoma [2]	71,680	4,291	3,660	110	.....	705,124	37,240	42,360	1,052	.....	17.7	10.8
Texas	14,397	536	3,984	5,255	3,326	215,385	4,350	42,770	62,370	25,399	9.8	3.9
MOUNTAIN:												
Montana	75,979	6,034	2,003	14	15	227,948	111,214	33,120	188	430	40.8	15.3
Idaho	11,937	3,295	1,304	1,092	354	81,854	40,241	16,580	10,809	4,341	21.9	15.1
Wyoming	41,879	1,516	1,006	141	6	192,532	20,479	15,580	2,055	78	39.2	9.6
Colorado	133,131	15,715	2,148	4,615	1,294	1,088,564	198,025	26,180	54,158	19,465	33.7	15.8
New Mexico	3,751	257	48	69	17	53,797	2,913	1,064	810	240	15.6	9.2
Arizona	177	21	15	29	.....	3,471	261	190	207	.....	5.7	3.5
Utah	10,378	5,234	2,866	3,389	1,153	72,507	65,754	28,630	33,928	9,605	20.6	13.2
Nevada	573	43	129	54	.....	4,111	880	2,114	502	.....	15.1	3.9
PACIFIC:												
Washington	42,677	5,450	3,077	1,763	518	229,653	50,746	44,945	19,188	7,124	38.5	25.3
Oregon	42,476	12,913	10,090	6,845	841	312,463	147,024	109,234	63,206	13,305	18.6	17.7
California	18,396	7,027	62,925	27,413	20,281	185,820	70,683	524,451	243,871	181,681	30.7	36.4

[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.
[2] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 39.—RYE—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 37 and 38. See footnotes on Table 38.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (BUSHELS).					AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909	1919	1919	1909	1899	1889	1879
United States	7.3	4.3	1.5	0.5	0.5	0.6	0.6	9.9	13.4	12.4	13.1	10.8	$1.53	$0.69	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																				
New England	2.8	3.0	0.2	0.2	0.2	0.3	0.5	15.0	17.4	17.0	12.3	11.3	1.91	0.90	0.13	0.20	0.78	1.24	1.42	3.68
Middle Atlantic	16.3	17.0	1.6	1.6	1.8	2.1	2.3	13.3	13.7	13.0	11.8	9.7	1.68	0.77	5.64	7.60	21.88	28.19	27.03	36.65
East North Central	17.8	10.1	2.5	1.1	0.8	0.9	0.6	12.9	13.9	13.6	15.4	14.6	1.53	0.67	29.03	37.91	45.54	35.98	38.23	32.31
West North Central	11.6	3.0	2.5	0.3	0.4	0.4	0.4	8.4	14.7	12.2	15.0	13.4	1.48	0.61	55.77	47.33	23.40	26.59	24.93	15.79
South Atlantic	4.0	3.0	0.4	0.3	0.2	0.4	0.5	7.5	8.4	7.5	6.9	5.9	1.92	0.84	2.58	1.95	4.48	3.37	4.46	5.81
East South Central	0.9	0.7	0.1	0.1	0.1	0.2	0.4	7.3	8.0	7.7	8.1	6.7	1.90	0.84	0.75	0.56	1.36	1.08	2.14	4.33
West South Central	0.6	0.1	0.1	(1)	(1)	(1)	(1)	10.6	8.3	9.9	10.0	7.2	1.51	0.84	1.15	1.23	0.17	0.41	0.28	0.25
Mountain	3.4	1.2	0.9	0.2	0.1	0.2	0.1	6.2	13.7	13.0	10.9	12.0	1.56	0.68	3.62	2.27	1.49	0.48	0.36	0.17
Pacific	1.6	0.6	0.4	0.1	0.4	0.2	0.2	7.1	10.6	8.9	9.1	9.3	2.00	0.90	1.34	0.96	0.91	2.65	1.15	1.02
NEW ENGLAND:																				
Maine	0.3	0.2	(1)	(1)	(1)	(1)	0.1	17.2	16.5	15.2	8.4	12.2	2.00	0.91	(2)	0.01	0.02	0.04	0.02	0.13
New Hampshire	1.0	0.7	0.1	(1)	(1)	0.1	0.1	10.8	17.4	15.2	11.3	10.8	1.90	1.03	0.01	0.01	0.02	0.02	0.04	0.17
Vermont	0.7	0.8	(1)	0.1	0.1	0.1	0.2	13.2	15.0	14.1	12.8	11.4	1.90	0.87	0.01	0.01	0.06	0.12	0.15	0.36
Massachusetts	3.7	3.5	0.3	0.3	0.4	0.6	1.0	15.1	17.0	13.2	11.0	9.9	1.90	0.89	0.04	0.06	0.20	0.24	0.41	1.08
Rhode Island	2.9	3.3	0.3	0.3	0.3	0.3	(1)	16.2	15.8	13.0	12.3	10.2	2.00	0.93	(2)	0.01	0.03	0.03	0.03	0.07
Connecticut	11.0	13.5	0.8	0.8	1.0	1.2	1.8	15.4	18.1	19.8	13.4	12.4	1.90	0.90	0.07	0.11	0.47	0.80	0.76	1.87
MIDDLE ATLANTIC:																				
New York	9.1	9.1	0.9	0.9	1.1	1.4	1.4	13.1	15.4	13.7	12.9	10.8	1.75	0.79	1.51	2.00	6.81	9.51	10.79	13.29
New Jersey	22.7	22.3	4.8	3.8	3.5	3.9	5.1	14.1	13.8	12.1	11.3	9.0	1.65	0.74	0.97	1.37	3.22	3.25	3.08	4.79
Pennsylvania	22.4	24.0	2.1	2.2	2.3	2.5	3.0	13.2	12.8	12.7	11.1	9.2	1.65	0.76	3.16	4.22	11.84	15.43	13.17	18.57
EAST NORTH CENTRAL:																				
Ohio	6.2	3.8	0.6	0.4	0.1	0.3	0.2	14.3	13.6	14.6	16.9	13.2	1.55	0.69	1.52	2.19	3.12	1.01	3.54	1.96
Indiana	13.4	4.4	2.1	0.5	0.3	0.4	0.2	12.6	13.4	13.0	14.0	11.9	1.50	0.66	4.57	5.83	3.80	2.21	3.09	1.53
Illinois	8.3	1.8	1.2	0.2	0.3	0.6	0.7	12.1	13.4	14.0	15.9	16.2	1.55	0.66	4.16	5.10	2.67	4.32	9.25	15.74
Michigan	39.6	23.6	7.1	3.3	1.5	1.4	0.3	13.3	13.9	12.2	14.9	12.9	1.50	0.68	11.89	16.01	19.70	8.33	7.39	1.49
Wisconsin	27.8	22.7	4.2	2.8	3.2	2.8	1.9	12.6	14.1	14.2	15.5	13.5	1.60	0.66	6.89	8.78	16.25	20.11	14.96	11.59
WEST NORTH CENTRAL:																				
Minnesota	22.7	12.0	3.0	1.4	0.6	0.6	0.2	12.9	16.6	15.7	19.9	15.8	1.55	0.61	8.46	11.00	14.99	7.30	4.41	1.09
Iowa	3.6	2.0	0.3	0.1	0.3	0.4	0.5	12.4	13.6	13.2	15.4	14.8	1.50	0.63	1.16	1.46	1.93	4.61	5.09	7.66
Missouri	3.6	0.9	0.4	0.1	0.1	0.1	0.3	8.5	10.3	10.4	12.7	11.5	1.60	0.76	1.40	1.21	0.70	0.86	1.09	2.70
North Dakota	45.1	2.0	9.9	0.2	0.3	(1)	.....	6.7	14.3	13.2	7.8	.....	1.45	0.60	31.55	21.44	2.33	1.44	0.04	.....
South Dakota	14.3	0.9	2.5	0.1	0.3	0.1	0.3	8.9	14.1	11.6	7.1	10.2	1.45	0.59	6.03	5.41	0.66	1.78	0.23	0.12
Nebraska	10.4	3.0	1.6	0.3	1.0	0.5	0.6	9.1	10.5	10.6	13.3	12.4	1.40	0.58	4.69	4.29	2.24	7.44	3.82	2.14
Kansas	6.7	0.7	0.6	0.1	0.3	0.9	0.3	10.0	9.3	10.0	14.6	11.9	1.55	0.70	2.48	2.51	0.54	3.16	10.26	2.08
SOUTH ATLANTIC:																				
Delaware	0.4	1.9	0.9	0.1	0.1	0.1	0.1	9.4	11.2	11.2	8.5	7.7	1.75	0.72	0.08	0.08	0.04	0.05	0.02	0.03
Maryland	8.7	10.6	0.7	0.8	0.6	1.0	1.0	10.9	12.7	12.9	10.3	8.9	1.65	0.71	0.28	0.30	1.21	1.09	1.24	1.45
District of Columbia	1.5	0.9	0.2	0.3	0.4	1.1	2.4	20.2	14.6	13.2	9.9	12.3	1.70	0.71	(2)	(2)	(2)	(2)	(2)	0.02
Virginia	6.3	4.6	0.6	0.5	0.3	0.6	0.6	8.0	9.2	7.8	7.6	6.7	1.80	0.79	0.74	0.60	1.48	0.97	1.40	1.64
West Virginia	4.5	2.9	0.4	0.3	0.3	0.3	0.5	9.4	9.5	8.1	7.8	6.6	1.75	0.82	0.26	0.25	0.50	0.43	0.41	0.57
North Carolina	7.3	5.1	0.8	0.6	0.3	0.7	1.0	5.7	5.8	4.8	4.9	4.6	2.10	0.96	0.88	0.51	0.95	0.52	0.97	1.44
South Carolina	1.1	0.6	0.1	(1)	0.1	0.1	0.2	7.3	7.0	4.6	4.2	3.8	2.85	1.56	0.09	0.07	0.07	0.08	0.06	0.14
Georgia	1.2	0.8	0.1	0.1	0.1	0.2	0.3	5.6	4.9	4.1	4.2	3.9	2.25	1.16	0.23	0.13	0.20	0.21	0.31	0.51
Florida	0.2	0.2	0.1	(1)	0.1	0.1	0.1	5.4	6.1	6.4	15.7	4.9	2.60	1.51	0.02	0.01	0.02	0.02	0.05	0.01
EAST SOUTH CENTRAL:																				
Kentucky	1.5	1.3	0.2	0.2	0.1	0.4	0.8	8.7	9.5	8.8	9.3	7.5	1.85	0.79	0.36	0.32	0.87	0.61	1.49	3.37
Tennessee	2.1	1.3	0.3	0.2	0.2	0.3	0.4	6.0	6.2	6.5	6.3	4.8	1.95	0.92	0.37	0.23	0.48	0.42	0.58	0.79
Alabama	0.2	0.1	(1)	(1)	(1)	(1)	0.1	6.9	8.5	6.5	6.7	4.9	2.45	1.15	0.02	0.01	0.01	0.04	0.05	0.14
Mississippi	(1)	(1)	(1)	(1)	(1)	(1)	(1)	8.0	12.0	9.3	8.7	6.4	2.20	0.89	(2)	(2)	(2)	(2)	0.01	0.03
WEST SOUTH CENTRAL:																				
Arkansas	0.3	0.1	(1)	(1)	(1)	(1)	0.1	6.7	6.8	6.6	6.1	6.8	2.00	0.93	0.03	0.02	0.02	0.07	0.05	0.11
Louisiana	(1)	(1)	(1)	(1)	(1)	(1)	(1)	12.6	10.2	6.8	5.1	5.0	2.30	1.22	(2)	(2)	(2)	(2)	(2)	0.01
Oklahoma	2.1	0.2	0.4	(1)	(1)	(1)	.....	9.8	8.7	11.6	9.6	.....	1.45	0.82	0.93	0.93	0.13	0.17	(2)	.....
Texas	0.3	(1)	(1)	(1)	(1)	(1)	(1)	15.0	8.1	10.7	11.9	7.6	1.65	0.86	0.19	0.28	0.01	0.17	0.22	0.13
MOUNTAIN:																				
Montana	3.2	1.5	0.7	0.2	0.1	(1)	(1)	3.0	18.4	16.5	13.4	28.7	1.65	0.74	0.99	0.30	0.38	0.13	(2)	(2)
Idaho	1.3	0.7	0.3	0.1	0.1	0.2	0.2	6.9	12.2	12.7	9.9	12.3	1.85	0.72	0.16	0.11	0.14	0.06	0.04	0.02
Wyoming	6.8	1.4	2.0	0.1	0.1	(1)	(1)	4.6	13.5	15.5	14.6	13.0	1.75	0.72	0.55	0.25	0.07	0.06	0.01	(2)
Colorado	6.6	2.1	1.7	0.4	0.1	0.3	0.2	8.2	12.6	12.2	11.7	15.0	1.45	0.62	1.73	1.43	0.67	0.10	0.19	0.10
New Mexico	0.8	0.1	0.2	(1)	(1)	(1)	(1)	14.3	11.3	22.2	11.7	14.1	1.60	0.91	0.05	0.07	0.01	(2)	(2)	(2)
Arizona	0.3	0.1	(1)	(1)	(1)	(1)	.....	19.6	12.4	12.7	7.1	.....	1.95	0.92	(2)	(2)	(2)	(2)	(2)	.....
Utah	2.0	1.8	0.6	0.4	0.3	0.6	0.3	7.0	12.6	10.0	10.0	8.3	2.05	0.70	0.14	0.10	0.22	0.11	0.12	0.05
Nevada	1.2	0.4	0.1	(1)	(1)	(1)	.....	7.2	20.5	16.4	9.3	.....	2.00	1.07	0.01	0.01	(2)	0.01	(2)	.....
PACIFIC:																				
Washington	1.6	0.4	0.6	0.1	0.1	0.1	0.1	5.5	9.3	14.6	10.9	13.8	2.00	0.87	0.54	0.30	0.17	0.18	0.07	0.04
Oregon	4.6	1.6	0.9	0.3	0.2	0.3	(1)	7.4	11.4	10.8	9.2	15.8	2.10	0.90	0.55	0.41	0.50	0.43	0.22	0.07
California	0.4	0.2	0.2	0.1	0.5	0.2	0.2	10.1	10.1	8.3	8.9	9.0	1.85	0.93	0.24	0.24	0.24	2.05	0.86	0.92

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

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

Buckwheat.—The acreage of buckwheat harvested in the United States in 1919 was 742,627, and the production was 12,690,384 bushels, as compared with 878,048 acres, producing 14,849,332 bushels, in 1909. The area harvested thus shows a decrease of 15.4 per cent, while the production shows a decrease of 14.5 per cent. The value of the crop in 1919 was $19,715,305.

A summary of the available census data with regard to the production of buckwheat in the United States, beginning with the production of 1849, is given in Table 40. The principal data are also given, by divisions and states, in Tables 41, 42, and 43.

PRODUCTION OF BUCKWHEAT, 5 LEADING STATES: 1919 AND 1909.

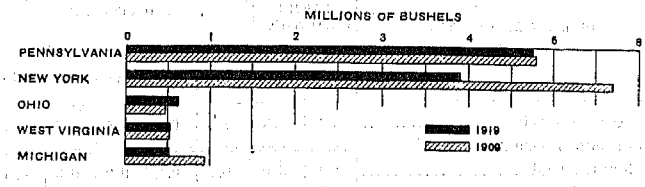


TABLE 40.—BUCKWHEAT—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 41, 42, and 43.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	171,166	197,789	209,450					
Per cent of all farms	2.7	3.1	3.7					
Acreage	742,627	878,048	807,060	837,164	848,389			
Increase over preceding census [1]	−135,421	70,988	−30,104	−11,225				
Per cent of increase [1]	−15.4	8.8	−3.6	−1.3				
Average per farm reporting	4.3	4.4	3.9					
Per cent that acreage in buckwheat formed of—								
Total improved acreage	0.1	0.2	0.2	0.2	0.3			
Total reported crop acreage	0.2	0.3	0.3					
Production (bushels)	12,690,384	14,849,332	11,233,515	12,110,349	11,817,327	9,821,721	17,571,818	8,956,912
Increase over preceding census [1]	−2,158,948	3,615,817	−876,834	293,022	1,995,606	−7,750,097	8,614,906	
Per cent of increase [1]	−14.5	32.2	−7.2	2.5	20.3	−44.1	96.2	
Average yield per acre	17.1	16.9	13.9	14.5	13.9			
Value	$19,715,305	$9,330,592	$5,747,853					
Increase over preceding census	$10,384,713	$3,582,739						
Per cent of increase	111.3	62.3						
Average per bushel	$1.55	$0.63	$0.51					
Average per acre	$26.55	$10.63	$7.12					
Per cent that value of buckwheat formed of total value of all crops	0.1	0.2	0.2					

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

TABLE 41.—BUCKWHEAT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, 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.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	171,166	197,789	742,627	878,048	—135,421	—15.4	12,690,384	14,849,332	—2,158,948	—14.5	$19,715,305	$9,330,592
GEOGRAPHIC DIVISIONS:												
New England	9,074	12,838	22,426	28,725	—6,299	—21.9	456,762	602,715	—145,953	—24.2	776,174	400,081
Middle Atlantic	110,564	126,102	475,822	592,159	—116,337	—19.6	8,767,529	10,701,643	—1,934,114	—18.1	13,558,005	6,625,513
East North Central	25,349	32,005	116,107	139,971	—23,864	—17.0	1,763,820	1,897,474	—133,654	—7.0	2,731,308	1,222,109
West North Central	4,899	3,906	40,570	25,955	14,615	56.3	487,761	349,316	138,445	39.6	746,802	230,356
South Atlantic	18,603	21,466	74,489	84,864	—10,375	—12.2	1,079,834	1,216,608	—136,774	—11.2	1,688,902	791,546
East South Central	2,432	1,296	11,212	4,772	6,440	135.0	119,859	51,525	68,334	132.6	185,610	37,268
West South Central	64	31	276	121	155	128.1	2,609	987	1,622	164.3	4,482	854
Mountain	75	60	1,086	316	770	243.7	7,308	7,931	—623	—7.9	14,218	6,920
Pacific	106	85	639	1,165	—526	—45.2	4,902	21,133	—16,231	—76.8	9,804	15,945
NEW ENGLAND:												
Maine	4,788	5,981	14,364	15,552	—1,188	—7.6	315,327	316,782	—1,455	—0.5	520,291	189,516
New Hampshire	424	740	631	1,052	—421	—40.0	10,940	26,312	—15,372	—58.4	20,786	17,842
Vermont	2,047	3,573	4,330	7,659	—3,329	—43.5	81,346	174,394	—93,048	—53.4	150,481	122,050
Massachusetts	679	867	1,304	1,630	—326	—20.0	23,238	32,926	—9,688	—29.4	40,668	24,678
Rhode Island	29	28	29	35	—6	.....	402	550	—148	—26.9	583	463
Connecticut	1,107	1,649	1,768	2,797	—1,029	—36.8	25,509	51,751	—26,242	—50.7	43,365	45,532
MIDDLE ATLANTIC:												
New York	53,061	62,601	217,946	286,276	—68,330	—23.9	3,901,481	5,691,745	—1,790,264	—31.5	6,242,370	3,587,558
New Jersey	1,793	2,850	8,222	13,155	—4,933	—37.5	110,309	212,548	—102,239	—48.1	182,009	141,997
Pennsylvania	55,710	60,651	249,654	292,728	—43,074	—14.7	4,755,739	4,797,350	—41,611	—0.9	7,133,626	2,895,958
EAST NORTH CENTRAL:												
Ohio	6,523	6,430	30,413	26,073	4,340	16.6	640,662	483,410	157,252	32.5	993,034	303,220
Indiana	899	1,289	6,048	6,995	—947	—13.5	73,260	84,991	—11,731	—13.8	113,558	56,617
Illinois	468	566	4,138	4,696	—558	—11.9	52,771	68,125	—15,354	—22.5	79,171	48,040
Michigan	10,209	17,933	41,426	75,909	—34,483	—45.4	524,004	958,119	—434,115	—45.3	812,203	594,748
Wisconsin	7,250	5,787	34,082	26,298	7,784	29.6	473,123	302,829	170,294	56.2	733,342	219,484
WEST NORTH CENTRAL:												
Minnesota	3,172	1,516	26,022	10,309	15,713	152.4	321,688	144,861	176,827	122.1	466,449	89,058
Iowa	1,173	1,731	6,956	9,066	—2,110	—23.3	99,587	120,559	—20,972	—17.4	109,302	86,941
Missouri	176	195	1,119	1,676	—557	—33.2	11,165	20,289	—9,124	—45.0	18,983	16,296
North Dakota	41	74	1,286	1,039	247	23.8	7,368	17,066	—9,698	—56.8	14,736	9,135
South Dakota	190	157	3,356	1,904	1,452	76.3	28,825	28,551	274	1.0	43,241	16,816
Nebraska	112	164	1,598	1,205	393	32.6	17,433	9,876	7,557	76.5	31,380	7,221
Kansas	35	69	233	756	—523	—69.2	1,695	8,114	—6,419	—79.1	2,711	4,889
SOUTH ATLANTIC:												
Delaware	1,042	743	9,443	4,002	5,441	136.0	75,059	53,903	21,156	39.2	108,836	30,839
Maryland	2,168	2,411	8,736	10,388	—1,652	—15.9	168,639	152,216	16,423	10.8	252,963	99,216
District of Columbia	1	.....	(1)	.....	.....	.....	6	.....	6	.....	10	.....
Virginia	4,607	5,954	19,354	25,481	—6,127	—24.0	232,507	332,222	—99,715	—30.0	360,390	196,196
West Virginia	8,869	9,028	31,095	33,323	—2,228	—6.7	537,883	533,670	4,213	0.8	860,616	351,171
North Carolina	1,838	3,304	5,539	11,606	—6,067	—52.3	63,478	144,186	—80,708	—56.0	101,565	113,577
South Carolina	.....	6	.....	9	—9	.....	.....	84	—84	.....	.....	101
Georgia	78	20	322	55	267	.....	2,262	327	1,935	591.7	4,522	446
Florida	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
EAST SOUTH CENTRAL:												
Kentucky	1,348	452	7,605	1,887	5,718	303.0	73,364	18,074	55,290	305.9	106,380	12,028
Tennessee	1,057	831	3,532	2,867	665	23.2	46,032	33,249	12,783	38.4	78,256	25,078
Alabama	27	13	75	18	57	.....	463	202	261	129.2	974	162
Mississippi	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
WEST SOUTH CENTRAL:												
Arkansas	38	13	148	20	128	.....	1,383	123	1,260	.....	2,766	133
Louisiana	.....	1	.....	1	—1	.....	.....	16	—16	.....	.....	16
Oklahoma	.....	12	.....	43	—43	.....	.....	375	—375	.....	.....	370
Texas	26	5	128	57	71	.....	1,226	473	753	159.2	1,716	335
MOUNTAIN:												
Montana	19	15	422	84	338	.....	1,412	1,809	—397	—21.9	2,824	1,528
Idaho	.....	2	.....	2	—2	.....	.....	30	—30	.....	.....	30
Wyoming	.....	10	.....	61	—61	.....	.....	1,210	—1,210	.....	.....	1,602
Colorado	16	17	44	49	—5	.....	506	798	—292	—36.6	936	905
New Mexico	24	3	202	7	195	.....	2,150	102	2,048	.....	3,978	69
Arizona	5	1	123	40	83	.....	485	600	—115	—19.2	970	900
Utah	3	12	8	73	—65	.....	121	3,382	—3,261	—96.4	242	1,886
Nevada	8	.....	287	.....	287	.....	2,634	.....	2,634	.....	5,268	.....
PACIFIC:												
Washington	36	29	162	148	14	9.5	2,277	3,138	—861	—27.4	4,554	2,220
Oregon	70	30	477	168	309	183.9	2,625	3,314	—689	—20.8	5,250	2,156
California	.....	26	.....	849	—849	.....	.....	14,681	—14,681	.....	.....	11,569

[1] Less than 1 acre.

TABLE 42.—BUCKWHEAT—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
United States	**742,627**	**878,048**	**807,060**	**837,164**	**848,389**	**12,690,384**	**14,849,332**	**11,233,515**	**12,110,349**	**11,817,327**	**4.3**	**4.4**
GEOGRAPHIC DIVISIONS:												
New England	22,426	28,725	42,767	45,461	59,272	456,762	602,715	807,336	890,428	1,039,343	2.5	2.2
Middle Atlantic	475,822	592,159	555,464	504,037	572,800	8,767,529	10,701,643	7,972,605	7,860,078	8,520,940	4.3	4.7
East North Central	116,107	139,971	123,357	180,867	115,498	1,763,820	1,897,474	1,427,420	2,246,027	1,260,964	4.6	4.4
West North Central	40,570	25,955	27,505	74,108	29,903	487,761	349,316	292,669	796,368	310,795	8.3	6.6
South Atlantic	74,489	84,864	55,542	28,978	63,271	1,079,834	1,216,608	704,147	277,897	608,896	4.0	4.0
East South Central	11,212	4,772	1,267	2,023	5,973	119,859	51,525	9,552	15,914	43,739	4.6	3.7
West South Central	276	121	107	487	140	2,609	987	924	6,337	1,083	4.3	3.9
Mountain	1,086	316	158	262	42	7,308	7,931	2,152	3,804	547	14.5	5.3
Pacific	639	1,165	893	941	1,490	4,902	21,133	16,710	13,496	31,020	6.0	13.7
NEW ENGLAND:												
Maine	14,364	15,552	25,292	22,395	20,135	315,327	316,782	468,320	466,411	382,701	3.0	2.6
New Hampshire	631	1,052	1,835	3,117	4,535	10,940	26,312	43,360	75,048	94,090	1.5	1.4
Vermont	4,330	7,659	9,910	13,429	17,649	81,346	174,394	196,010	271,216	356,618	2.1	2.1
Massachusetts	1,304	1,630	2,262	2,473	5,617	23,238	32,926	36,034	31,300	67,117	1.9	1.9
Rhode Island	29	35	45	41	105	402	550	650	349	1,254	1.0	1.2
Connecticut	1,768	2,797	3,423	4,006	11,231	25,509	51,751	62,962	46,104	137,563	1.6	1.7
MIDDLE ATLANTIC:												
New York	217,946	286,276	289,862	280,029	291,228	3,901,481	5,691,745	3,815,350	4,675,735	4,461,200	4.1	4.6
New Jersey	8,222	13,155	15,762	13,520	35,373	110,309	212,548	234,275	114,626	466,414	4.6	4.6
Pennsylvania	249,654	292,728	249,840	210,488	246,199	4,755,739	4,797,350	3,922,980	3,069,717	3,593,326	4.5	4.8
EAST NORTH CENTRAL:												
Ohio	30,413	26,073	13,071	14,052	22,130	640,662	483,410	164,305	162,833	280,229	4.7	4.1
Indiana	6,048	6,995	8,684	9,548	8,846	73,260	84,991	102,340	99,959	89,707	6.7	5.4
Illinois	4,138	4,696	6,220	9,763	16,457	52,771	68,125	65,050	107,080	178,859	8.8	8.3
Michigan	41,426	75,909	55,669	70,046	33,948	524,004	958,119	605,830	811,977	413,062	4.1	4.2
Wisconsin	34,082	26,298	39,713	77,458	34,117	473,123	302,829	489,895	1,064,178	299,107	4.7	4.5
WEST NORTH CENTRAL:												
Minnesota	26,022	10,309	6,700	22,090	3,677	321,088	144,861	82,687	281,705	41,756	8.2	6.8
Iowa	6,956	9,066	13,834	25,243	16,318	99,587	120,559	151,120	286,746	166,895	5.9	5.2
Missouri	1,119	1,676	2,715	2,802	5,463	11,165	20,289	21,480	28,440	57,640	6.4	8.6
North Dakota [1]	1,286	1,039	1,121	147	33	7,368	17,066	10,760	939	354	31.4	14.0
South Dakota [1]	3,356	1,904	232	1,561	288	28,825	28,551	2,790	11,423	2,167	17.7	12.1
Nebraska	1,598	1,205	980	15,358	1,666	17,433	9,876	8,629	120,000	17,562	14.3	7.3
Kansas	233	756	1,923	6,907	2,458	1,695	8,114	15,203	67,115	24,421	6.7	11.0
SOUTH ATLANTIC:												
Delaware	9,443	4,002	1,652	325	397	75,059	53,903	23,980	3,081	5,857	9.1	5.4
Maryland	8,736	10,388	8,047	7,569	10,294	168,639	152,216	115,950	96,747	136,667	4.0	4.3
District of Columbia	(2)	.....	.....	2	.....	6	.....	.....	20	.....	(2)	.....
Virginia	19,354	25,481	19,251	5,170	16,463	232,507	332,222	244,321	41,199	136,004	4.2	4.3
West Virginia	31,095	33,323	21,410	13,696	30,334	537,883	533,670	267,257	120,469	285,298	3.5	3.7
North Carolina	5,539	11,606	5,168	1,800	5,725	63,478	144,186	52,572	12,621	44,668	3.0	3.5
South Carolina	.....	9	10	65	.....	.....	84	41	472	.....	.....	1.5
Georgia	322	55	4	332	58	2,262	327	26	3,162	402	4.1	2.8
Florida	.....	.....	.....	19	.....	.....	.....	.....	126	.....	.....	.....
EAST SOUTH CENTRAL:												
Kentucky	7,605	1,887	84	384	1,024	73,364	18,074	879	3,804	9,942	5.6	4.2
Tennessee	3,532	2,867	1,173	1,231	4,907	46,032	33,249	8,597	7,143	33,434	3.3	3.4
Alabama	75	18	10	352	42	463	202	76	4,622	363	2.8	1.4
Mississippi	.....	.....	.....	56	.....	.....	.....	.....	345	.....	.....	.....
WEST SOUTH CENTRAL:												
Arkansas	148	20	53	388	92	1,383	123	421	5,074	548	3.9	1.5
Louisiana	.....	1	.....	.....	.....	.....	16	.....	.....	.....	.....	1.0
Oklahoma [3]	.....	43	13	.....	.....	.....	375	170	.....	.....	.....	3.6
Texas	128	57	41	99	48	1,226	473	333	1,263	535	4.9	11.4
MOUNTAIN:												
Montana	422	84	9	13	34	1,412	1,809	168	128	437	22.2	5.6
Idaho	.....	2	60	16	.....	.....	30	800	395	.....	.....	1.0
Wyoming	.....	61	13	20	.....	.....	1,210	245	140	.....	.....	6.1
Colorado	44	49	27	117	8	506	798	226	2,081	110	2.8	2.9
New Mexico	202	7	6	81	.....	2,150	102	73	744	.....	8.4	2.3
Arizona	123	40	.....	.....	.....	485	600	.....	.....	.....	24.6	40.0
Utah	8	73	43	15	.....	121	3,382	640	316	.....	2.7	6.1
Nevada	287	.....	.....	.....	.....	2,634	.....	.....	.....	.....	35.9	.....
PACIFIC:												
Washington	162	148	96	27	106	2,277	3,138	1,865	430	2,498	4.5	5.1
Oregon	477	168	402	250	372	2,625	3,314	7,010	2,678	6,215	6.8	5.6
California	.....	849	395	664	1,012	.....	14,681	7,835	10,388	22,307	.....	32.7

[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.

[2] Less than 1 acre reported.

[3] Figures for 1899 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 43.—BUCKWHEAT—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 41 and 42. See footnotes on Table 42.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (BUSHELS).					AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909		1919	1909	1899	1889	1879
United States	2.7	3.1	0.1	0.2	0.2	0.2	0.3	17.1	16.9	13.9	14.5	13.9	$1.55	$0.63	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																				
New England	5.8	6.8	0.4	0.4	0.5	0.4	0.5	20.4	21.0	18.9	19.6	17.5	1.70	0.66	3.02	3.60	4.06	7.19	7.35	8.80
Middle Atlantic	26.0	26.9	1.8	2.0	1.8	1.6	1.7	18.4	18.1	14.4	15.6	14.9	1.55	0.62	64.07	69.09	72.07	70.97	64.90	72.11
East North Central	2.3	2.8	0.1	0.2	0.1	0.2	0.2	15.2	13.6	11.6	12.4	10.9	1.55	0.64	15.63	13.90	12.78	12.71	18.55	10.67
West North Central	0.4	0.4	(1)	(1)	(1)	0.1	(1)	12.0	13.5	10.6	10.7	10.4	1.53	0.66	5.46	3.84	2.35	2.61	6.58	2.63
South Atlantic	1.6	1.9	0.2	0.2	0.1	0.1	0.2	14.5	14.3	12.7	9.6	9.6	1.56	0.65	10.03	8.51	8.19	6.27	2.29	5.15
East South Central	0.2	0.1	(1)	(1)	(1)	(1)	(1)	10.7	10.8	7.5	7.9	7.3	1.55	0.72	1.51	0.94	0.35	0.09	0.13	0.37
West South Central	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9.5	8.2	8.6	13.0	7.7	1.72	0.87	0.04	0.02	0.01	0.01	0.05	0.01
Mountain	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.7	25.1	13.6	14.5	13.0	1.95	0.87	0.15	0.06	0.05	0.02	0.03	(2)
Pacific	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.7	18.1	18.7	14.3	20.8	2.00	0.75	0.09	0.04	0.14	0.15	0.11	0.26
NEW ENGLAND:																				
Maine	9.9	10.0	0.7	0.7	1.1	0.7	0.6	22.0	20.4	18.5	20.8	19.0	1.65	0.60	1.93	2.48	2.13	4.17	3.85	3.24
New Hampshire	2.1	2.7	0.1	0.1	0.2	0.2	0.2	17.3	25.0	23.6	24.1	20.7	1.90	0.68	0.08	0.09	0.18	0.39	0.62	0.80
Vermont	7.0	10.9	0.3	0.5	0.5	0.5	0.5	18.8	22.8	19.8	20.2	20.2	1.85	0.70	0.58	0.64	1.17	1.74	2.23	3.02
Massachusetts	2.1	2.3	0.1	0.1	0.2	0.1	0.3	17.8	20.2	15.9	12.7	11.9	1.75	0.75	0.18	0.18	0.22	0.32	0.26	0.57
Rhode Island	0.7	0.5	(1)	(1)	(1)	(1)	(1)	13.9	15.7	14.4	8.5	11.9	1.45	0.84	(2)	(2)	(2)	0.01	(2)	0.01
Connecticut	4.9	6.1	0.3	0.3	0.3	0.3	0.7	14.4	18.5	18.4	11.5	12.2	1.70	0.88	0.24	0.20	0.35	0.56	0.38	1.16
MIDDLE ATLANTIC:																				
New York	27.5	29.0	1.7	1.9	1.9	1.7	1.6	17.9	19.9	13.2	16.7	15.3	1.60	0.63	29.35	30.74	38.33	33.96	38.61	37.75
New Jersey	6.0	8.5	0.5	0.7	0.8	0.7	1.7	13.4	16.2	14.9	8.5	13.2	1.65	0.67	1.11	0.87	1.43	2.09	0.95	3.95
Pennsylvania	27.5	27.7	2.1	2.3	1.9	1.6	1.8	19.0	16.4	15.7	14.6	14.6	1.50	0.60	33.62	37.48	32.31	34.92	25.35	30.41
EAST NORTH CENTRAL:																				
Ohio	2.5	2.4	0.2	0.1	0.1	0.1	0.1	21.1	18.5	12.6	11.6	12.7	1.55	0.63	4.10	5.05	3.26	1.46	1.34	2.37
Indiana	0.4	0.6	(1)	(1)	0.1	0.1	0.1	12.1	12.2	11.8	10.5	10.1	1.55	0.67	0.81	0.58	0.57	0.91	0.83	0.76
Illinois	0.2	0.2	(1)	(1)	(1)	(1)	0.1	12.8	14.5	10.5	11.0	10.9	1.50	0.71	0.56	0.42	0.46	0.58	0.88	1.51
Michigan	5.2	8.7	0.3	0.6	0.5	0.7	0.4	12.6	12.6	10.9	11.6	12.2	1.55	0.62	5.58	4.13	6.45	5.39	6.70	3.50
Wisconsin	3.8	3.3	0.3	0.2	0.4	0.8	0.4	13.9	11.5	12.3	13.7	8.8	1.55	0.72	4.59	3.73	2.04	4.36	8.79	2.53
WEST NORTH CENTRAL:																				
Minnesota	1.8	1.0	0.1	0.1	(1)	0.2	0.1	12.4	14.1	12.3	12.8	11.4	1.45	0.61	3.50	2.53	0.98	0.74	2.33	0.35
Iowa	0.5	0.8	(1)	(1)	(1)	0.1	0.1	14.3	13.3	10.9	11.4	10.2	1.70	0.72	0.94	0.78	0.81	1.35	2.37	1.41
Missouri	0.1	0.1	(1)	(1)	(1)	(1)	(1)	10.0	12.1	7.9	10.1	10.6	1.70	0.80	0.15	0.09	0.14	0.19	0.23	0.49
North Dakota	0.1	0.1	(1)	(1)	(1)	(1)	(1)	5.7	16.4	9.6	6.4	10.7	2.00	0.54	0.17	0.06	0.11	0.10	0.01	(2)
South Dakota	0.3	0.2	(1)	(1)	(1)	(1)	(1)	8.6	15.0	12.0	7.3	7.5	1.50	0.59	0.45	0.23	0.19	0.02	0.09	0.02
Nebraska	0.1	0.1	(1)	(1)	(1)	0.1	(1)	10.9	8.2	8.8	7.8	10.5	1.80	0.73	0.22	0.14	0.07	0.08	0.99	0.15
Kansas	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.3	10.7	7.9	9.7	9.9	1.60	0.60	0.03	0.01	0.05	0.14	0.55	0.21
SOUTH ATLANTIC:																				
Delaware	10.3	6.9	1.4	0.6	0.2	(1)	0.1	7.9	13.5	14.5	9.5	14.8	1.45	0.57	1.27	0.59	0.36	0.21	0.03	0.05
Maryland	4.5	4.9	0.3	0.3	0.2	0.2	0.3	19.3	14.7	14.4	12.8	13.3	1.50	0.65	1.18	1.33	1.03	1.03	0.80	1.16
District of Columbia	0.5	.....	(1)	.....	.....	(1)	.....	(2)	.....	.....	10.0	.....	1.67	.....	(2)	(2)	.....	.....	(2)	.....
Virginia	2.5	3.2	0.2	0.3	0.2	0.1	0.2	12.0	13.0	12.7	8.0	8.3	1.55	0.59	2.61	1.83	2.24	2.17	0.34	1.15
West Virginia	10.2	9.3	0.6	0.6	0.4	0.3	0.8	17.3	16.0	12.5	8.8	9.4	1.60	0.66	4.19	4.24	3.59	2.38	0.99	2.41
North Carolina	0.7	1.3	0.1	0.1	0.1	(1)	0.1	11.5	12.4	10.2	7.0	7.8	1.60	0.79	0.75	0.50	0.97	0.47	0.10	0.38
South Carolina	.....	(1)	.....	(1)	(1)	(1)	.....	.....	9.3	4.1	7.3	.....	.....	1.20	.....	.....	(2)	(2)	(2)	.....
Georgia	(1)	(1)	(1)	(1)	(1)	(1)	(1)	7.0	5.9	6.5	9.5	6.9	2.00	1.36	0.04	0.02	(2)	(2)	0.03	(2)
Florida	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	6.6	.....	.....	.....	.....	.....	.....	.....	(2)	.....
EAST SOUTH CENTRAL:																				
Kentucky	0.5	0.2	0.1	(1)	(1)	(1)	(1)	9.6	9.6	10.5	9.9	9.7	1.45	0.67	1.02	0.58	0.12	0.01	0.03	0.08
Tennessee	0.4	0.3	(1)	(1)	(1)	(1)	0.1	13.0	11.6	7.3	5.8	6.8	1.70	0.75	0.48	0.36	0.22	0.08	0.06	0.28
Alabama	(1)	(1)	(1)	(1)	(1)	(1)	(1)	6.2	11.2	7.6	13.1	8.6	2.10	0.80	0.01	(2)	(2)	(2)	0.04	(2)
Mississippi	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	6.2	.....	.....	.....	.....	.....	.....	.....	(2)	.....
WEST SOUTH CENTRAL:																				
Arkansas	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9.3	6.2	7.9	13.1	6.0	2.00	1.08	0.02	0.01	(2)	(2)	0.04	(2)
Louisiana	.....	(1)	.....	(1)	.....	.....	.....	.....	16.0	.....	.....	.....	.....	1.00	.....	.....	(2)	.....	.....	.....
Oklahoma	.....	(1)	.....	(1)	(1)	.....	.....	.....	8.7	13.1	.....	.....	.....	0.99	.....	.....	(2)	(2)	.....	.....
Texas	(1)	(1)	(1)	(1)	(1)	(1)	(1)	9.6	8.3	8.1	12.8	11.1	1.40	0.71	0.02	0.01	(2)	(2)	0.01	(2)
MOUNTAIN:																				
Montana	(1)	0.1	(1)	(1)	(1)	(1)	(1)	3.3	21.5	18.7	9.8	12.8	2.00	0.84	0.06	0.01	0.01	(2)	(2)	(2)
Idaho	.....	(1)	.....	(1)	(1)	(1)	.....	.....	15.0	13.3	24.7	.....	.....	1.00	.....	.....	(2)	0.01	(2)	.....
Wyoming	.....	0.1	.....	(1)	(1)	(1)	.....	.....	19.8	18.8	7.0	.....	.....	1.32	.....	.....	0.01	(2)	(2)	.....
Colorado	(1)	(1)	(1)	(1)	(1)	(1)	(1)	11.5	16.3	8.4	17.8	13.8	1.85	1.13	0.01	(2)	0.01	(2)	0.02	(2)
New Mexico	0.1	(1)	(1)	(1)	(1)	(1)	.....	10.6	14.6	12.2	9.2	.....	1.85	0.68	0.03	0.02	(2)	(2)	0.01	.....
Arizona	0.1	(1)	(1)	(1)	.....	.....	.....	3.9	15.0	.....	.....	.....	2.00	1.50	0.02	(2)	(2)	.....	.....	.....
Utah	(1)	0.1	(1)	(1)	(1)	(1)	.....	15.1	46.3	14.9	21.1	.....	2.00	0.56	(2)	(2)	0.02	0.01	(2)	.....
Nevada	0.3	.....	(1)	.....	.....	.....	.....	9.2	.....	.....	.....	.....	2.00	.....	0.04	0.02	.....	.....	.....	.....
PACIFIC:																				
Washington	0.1	0.1	(1)	(1)	(1)	(1)	(1)	14.1	21.2	19.4	15.9	23.0	2.00	0.71	0.02	0.02	0.02	0.02	(2)	0.02
Oregon	0.1	0.1	(1)	(1)	(1)	(1)	(1)	5.5	19.7	17.4	10.7	16.7	2.00	0.65	0.06	0.02	0.02	0.06	0.02	0.05
California	.....	(1)	.....	(1)	(1)	(1)	(1)	.....	17.3	19.8	15.6	22.0	.....	0.79	.....	.....	0.10	0.07	0.09	0.19

[1] Less than one-tenth of 1 per cent. [2] Less than one-hundredth of 1 per cent. [3] Less than 1 acre reported.

Emmer and spelt.—These grains are, botanically, species of wheat, but commercially they are more closely related to the other cereals, since they are used as feed for stock. Moreover, the price per bushel of emmer and spelt corresponds more nearly to that of corn and oats than to that of wheat.

Emmer and spelt are considered good crops for dry farming, and like kafir corn have been introduced principally in the districts of comparatively light rainfall, though on account of the heavy yield and the value of the grains as feed for stock, they are sown in parts of the grain region in which corn is not an established crop.

A specific inquiry with regard to emmer and spelt was carried on the farm schedule for 1910, but not in 1920. In 1920, therefore, it was necessary for the enumerator to write in the name of the crop, where any production was reported; and because the names of the crops were not printed on the schedule, the enumerators may have failed to ask for the production, especially outside the area in which emmer and spelt are extensively grown. The decreased acreage and production shown by the figures may thus be due, in part, to the change in the form of the schedule.

The total acreage of emmer and spelt reported for 1919 was 166,829, and the production was 2,607,868 bushels, as compared with 573,622 acres, producing 12,702,710 bushels, in 1909. The average yield per acre in 1919 was 15.6 bushels, as compared with 22.1 bushels in 1909. The value of the crop in 1919 was $3,699,943.

A summary of the available census data with regard to the production of emmer and spelt in the United States, beginning with 1909, is given in Table 44. The principal data are also given, by divisions and states, in Table 45.

TABLE 44.—EMMER AND SPELT—SUMMARY FOR THE UNITED STATES: 1919 AND 1909.

[Figures for divisions and states in Table 45.]

ITEM.	1919	1909
Number of farms reporting	11,922	37,609
Per cent of all farms	0.2	0.6
Acreage	166,829	573,622
Average per farm reporting	14.0	15.3
Production (bushels)	2,607,868	12,702,710
Average yield per acre	15.6	22.1
Value	$3,699,943	$5,584,050
Average per bushel	$1.42	$0.44
Average per acre	$22.18	$9.73

TABLE 45.—EMMER AND SPELT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH AVERAGES, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.		PRODUCTION (BUSHELS).		VALUE.		AVERAGE YIELD PER ACRE (BUSHELS).		AVERAGE VALUE PER BUSHEL.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
United States	**11,922**	**37,609**	**166,829**	**573,622**	**2,607,868**	**12,702,710**	**$3,699,943**	**$5,584,050**	**15.6**	**22.1**	**$1.42**	**$0.44**
GEOGRAPHIC DIVISIONS:												
New England	65	75	321	202	7,229	5,418	14,458	4,229	22.5	26.8	2.00	0.78
Middle Atlantic	111	505	405	1,795	6,875	42,993	12,251	28,429	17.0	24.0	1.78	0.66
East North Central	1,432	3,425	5,936	14,941	125,050	371,864	211,649	212,595	21.1	24.9	1.69	0.57
West North Central	9,566	31,299	150,704	522,487	2,327,102	11,672,769	3,234,157	5,009,772	15.4	22.3	1.39	0.43
South Atlantic	14	66	42	298	861	6,031	1,619	4,631	20.5	20.2	1.88	0.77
East South Central	2	12	2	99	26	2,076	48	1,851	13.0	21.0	1.85	0.89
West South Central	140	716	1,689	13,295	47,036	139,028	70,680	81,942	27.8	10.5	1.50	0.59
Mountain	530	1,378	7,359	18,644	86,478	407,187	142,311	205,483	11.8	21.8	1.65	0.50
Pacific	62	133	371	1,861	7,211	55,344	12,770	35,118	19.4	29.7	1.77	0.63
NEW ENGLAND:												
Maine	4	22	7	25	135	587	270	438	19.3	23.5	2.00	0.74
New Hampshire	1	1	1	1	20	12	40	12	20.0	12.0	2.00	1.00
Vermont	60	50	313	176	7,074	4,799	14,148	3,767	22.6	27.3	2.00	0.78
Massachusetts	.....	1	.....	(1)	.....	6	.....	5	.....	(1)	.....	0.83
Rhode Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	.....	1	.....	(1)	.....	14	.....	12	.....	(1)	.....	0.86
MIDDLE ATLANTIC:												
New York	80	318	303	1,382	4,513	33,890	8,352	22,110	14.9	24.5	1.85	0.65
New Jersey	.....	6	.....	28	.....	468	.....	253	.....	16.7	.....	0.54
Pennsylvania	31	181	102	385	2,362	8,635	3,899	6,066	23.2	22.4	1.65	0.70
EAST NORTH CENTRAL:												
Ohio	50	74	212	253	5,123	5,185	9,222	3,053	24.2	20.5	1.80	0.59
Indiana	26	54	214	223	6,968	4,276	11,497	2,256	32.6	19.2	1.65	0.53
Illinois	60	232	546	1,633	11,111	41,999	17,778	20,754	20.3	25.7	1.60	0.49
Michigan	649	1,816	2,674	6,742	51,353	154,103	87,307	97,414	19.2	22.9	1.70	0.63
Wisconsin	647	1,249	2,290	6,090	50,495	166,301	85,845	89,118	22.1	27.3	1.70	0.54
WEST NORTH CENTRAL:												
Minnesota	1,227	3,108	8,895	30,891	178,008	757,339	249,210	338,841	20.0	24.5	1.40	0.45
Iowa	117	767	839	7,256	18,125	139,839	27,193	65,436	21.6	19.3	1.50	0.47
Missouri	14	635	78	7,935	1,027	104,540	1,643	47,543	13.2	13.2	1.60	0.45
North Dakota	2,703	6,428	49,662	101,144	513,865	2,564,732	822,183	1,102,782	10.3	25.4	1.60	0.43
South Dakota	4,809	13,624	79,688	259,611	1,451,018	6,098,982	1,886,327	2,627,533	18.2	23.5	1.30	0.43
Nebraska	673	3,822	11,251	65,681	160,485	1,221,975	240,738	484,791	14.3	18.6	1.50	0.40
Kansas	23	2,915	291	49,969	4,574	785,362	6,863	342,846	15.7	15.7	1.50	0.44
SOUTH ATLANTIC:												
Delaware	1	10	5	41	48	1,412	96	1,005	9.6	34.4	2.00	0.71
Maryland	4	27	6	92	133	2,171	239	1,246	22.2	23.6	1.80	0.57
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	3	8	21	52	512	795	973	770	24.4	15.3	1.90	0.97
West Virginia	6	20	10	111	168	1,558	311	1,515	16.8	14.0	1.85	0.97
North Carolina	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Georgia	.....	1	.....	2	.....	95	.....	95	.....	47.5	.....	1.00
Florida	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
EAST SOUTH CENTRAL:												
Kentucky	.....	10	.....	96	.....	2,021	.....	1,804	.....	21.1	.....	0.89
Tennessee	2	1	2	1	26	15	48	7	13.0	15.0	1.85	0.47
Alabama	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi	.....	1	.....	2	.....	40	.....	40	.....	20.0	.....	1.00
WEST SOUTH CENTRAL:												
Arkansas	17	8	22	12	295	132	561	134	13.4	11.0	1.90	1.02
Louisiana	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma	22	509	214	8,659	3,701	94,580	5,554	54,690	17.3	10.9	1.50	0.58
Texas	101	199	1,453	4,624	43,040	44,316	64,565	27,118	29.6	9.6	1.50	0.61
MOUNTAIN:												
Montana	171	175	2,125	1,308	13,838	39,830	24,220	24,643	6.5	30.5	1.75	0.62
Idaho	18	28	96	209	1,810	5,575	3,170	3,827	18.9	26.7	1.75	0.69
Wyoming	63	153	942	1,521	6,452	35,677	11,613	22,918	6.8	23.5	1.80	0.64
Colorado	225	998	3,701	15,523	52,832	324,713	84,529	153,068	14.3	20.9	1.60	0.47
New Mexico	45	6	462	23	10,707	154	17,131	144	23.2	6.7	1.60	0.94
Arizona	4	1	24	10	534	67	1,068	80	22.3	6.7	2.00	1.19
Utah	4	15	9	48	305	1,131	580	763	33.9	23.6	1.90	0.67
Nevada	.....	2	.....	2	.....	40	.....	40	.....	20.0	.....	1.00
PACIFIC:												
Washington	25	30	181	302	2,981	10,843	5,365	6,388	16.5	35.9	1.80	0.59
Oregon	37	84	190	719	4,230	24,746	7,405	14,972	22.3	34.4	1.75	0.61
California	.....	19	.....	840	.....	19,755	.....	13,758	.....	23.5	.....	0.70

[1] Less than 1 acre reported.

Kafir and milo.—Statistics for kafir corn and milo maize were first obtained by the Census Bureau in 1900. The crops included under this heading are cereals belonging to the sorghum family and are noted for their resistance to drought. In this country they have made great headway as dry farming crops and are being introduced to an increasing extent in sections of light rainfall. The grains are used in the United States primarily for feeding live stock, although to a limited extent they are ground for flour. Aside from the use of the grain, the stalks, if cut before they are entirely ripe, make a valuable fodder. The statistics presented herewith refer only to the kafir corn and milo maize planted for use as grain. Figures for the acreage planted for use as forage are given in the section on hay and forage.

The acreage of kafir corn and milo maize harvested in the United States for grain in 1919 was 3,619,034, and the production was 72,085,954 bushels, as compared with 1,635,153 acres, producing 17,597,305 bushels, in 1909. The area harvested thus shows an increase of 1,983,881 acres, or 121.3 per cent, while the production shows an increase of 54,488,649 bushels, or 309.6 per cent. The value of the crop in 1919 was $90,221,046.

A summary of the available census data with regard to the production of kafir and milo in the United States, beginning with 1899, is given in Table 46. The principal data are also given, by divisions and states, in Tables 47 and 48.

TABLE 46.—KAFIR AND MILO—SUMMARY FOR THE UNITED STATES: 1899 TO 1919.

[Figures for divisions and states in Tables 47 and 48.]

ITEM.	1919	1909	1899
Number of farms reporting	129,947	97,574	.....
Per cent of all farms	*2.0*	*1.5*	.....
Acreage	3,619,034	1,635,153	266,513
Increase over preceding census	1,983,881	1,368,640	.....
Per cent of increase	121.3	513.5	.....
Average per farm reporting	27.9	16.8	.....
Per cent that acreage in kafir and milo formed of—			
Total improved acreage	0.7	0.3	0.1
Total reported crop acreage	1.0	0.5	0.1
Production (bushels)	72,085,954	17,597,305	5,169,113
Increase over preceding census	54,488,649	12,428,192	.....
Per cent of increase	309.6	240.4	.....
Average yield per acre	19.9	10.8	19.4
Value	$90,221,046	$10,816,940	$1,367,040
Increase over preceding census	$79,404,106	$9,449,900	.....
Per cent of increase	734.1	691.3	.....
Average per bushel	$1.25	$0.61	$0.26
Average per acre	$24.93	$6.62	$5.13
Per cent that value of kafir and milo formed of total value of all crops	0.6	0.2	(1)

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

TABLE 47.—KAFIR AND MILO—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[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.		ACREAGE.					PRODUCTION (BUSHELS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909
United States	129,947	97,574	3,619,034	1,635,153	1,983,881	121.3	266,513	72,085,954	17,597,305	54,488,649	309.6	5,169,113	$90,221,046	$10,816,940
GEOGRAPHIC DIVISIONS:														
New England	4	16	6	48	—42			138	1,772	—1,634	—92.2		207	1,084
Middle Atlantic	386	152	1,945	586	1,359	231.9	1	30,804	11,647	19,157	164.5	14	48,283	8,203
East North Central	97	354	600	1,185	—585	—49.4	137	7,232	22,779	—15,547	—68.3	2,812	10,728	14,242
West North Central	29,242	36,680	534,236	404,433	129,803	32.1	157,593	7,431,902	5,372,284	2,059,618	38.3	3,119,044	10,087,216	3,219,619
South Atlantic	124	125	265	230	35	15.2	40	3,896	3,561	335	9.4	618	6,810	2,918
East South Central	147	215	536	493	43	8.7	23	6,885	6,453	432	6.7	624	14,039	4,998
West South Central	84,797	53,853	2,636,051	1,107,406	1,528,645	138.0	88,340	54,371,423	10,536,612	43,834,811	416.0	1,620,590	65,223,938	6,330,665
Mountain	7,953	3,651	277,460	76,436	201,024	263.0	157	6,178,991	703,484	5,475,507	778.3	4,825	7,936,502	509,163
Pacific	7,197	2,528	167,935	44,336	123,599	278.8	20,222	4,054,683	938,713	3,115,970	331.9	420,586	6,893,323	726,048
NEW ENGLAND:														
Maine														
New Hampshire	4	3	6	23	—17			138	350	—212	—60.6		207	155
Vermont														
Massachusetts		9		21	—21				1,317	—1,317				835
Rhode Island														
Connecticut		4		4	—4				105	—105				94
MIDDLE ATLANTIC:														
New York	41	62	137	227	—90	—39.6		2,404	5,082	—2,678	—52.7		4,208	3,948
New Jersey	9	14	39	76	—37			499	1,436	—937	—65.3		824	819
Pennsylvania	336	76	1,769	283	1,486	525.1	1	27,901	5,129	22,772	444.0	14	43,251	3,436
EAST NORTH CENTRAL:														
Ohio	2	39	7	82	—75		12	65	1,920	—1,855	—96.6	90	98	1,048
Indiana	46	54	335	179	156	87.2	3	4,444	3,228	1,216	37.7	37	6,672	2,065
Illinois	30	174	135	415	—280	—67.5	34	1,286	7,739	—6,453	—83.4	808	1,800	5,197
Michigan		24		84	—84				1,786	—1,786				1,136
Wisconsin	19	63	123	425	—302	—71.1	88	1,437	8,106	—6,669	—82.3	1,877	2,158	4,796
WEST NORTH CENTRAL:														
Minnesota	3	10	13	75	—62		43	72	3,335	—3,263	—97.8	1,096	94	1,466
Iowa	73	66	420	142	278	195.8	66	4,828	3,081	1,747	56.7	1,408	6,522	2,083
Missouri	2,480	4,029	10,341	13,543	—3,202	—23.6	1,990	151,367	228,386	—77,019	—33.7	38,497	257,332	152,246
North Dakota	14	8	434	23	411		25	1,152	444	708	159.5	375	1,612	253
South Dakota		23		139	—139		21		1,411	—1,411		280		1,060
Nebraska	292	384	1,596	2,016	—420	—20.8	742	22,106	20,212	1,894	9.4	13,607	30,949	15,712
Kansas	26,380	32,160	521,432	388,495	132,937	34.2	154,706	7,252,377	5,115,415	2,136,962	41.8	3,063,781	9,790,707	3,046,799
SOUTH ATLANTIC:														
Delaware		2		1	—1		2		25	—25		65		25
Maryland	6	9	7	19	—12		1	138	238	—100	—42.0	6	205	173
District of Columbia														
Virginia		33		80	—80		9		1,438	—1,438		170		1,032
West Virginia	40	16	133	26	107			1,888	467	1,421	304.3		3,399	326
North Carolina	13	32	20	65	—45		2	258	599	—341	—56.9	8	465	537
South Carolina		7		8	—8				135	—135				132
Georgia		14		15	—15		26		237	—237		369		258
Florida	65	12	105	16	89			1,612	422	1,190	282.0		2,741	435
EAST SOUTH CENTRAL:														
Kentucky	40	87	156	190	—34	—17.9		1,926	2,404	—478	—19.9		3,372	1,588
Tennessee	34	45	141	119	22	18.5	10	1,793	1,539	254	16.5	257	4,303	1,093
Alabama	46	51	187	140	47	33.6	4	2,588	1,716	872	50.8	90	5,439	1,611
Mississippi	27	32	52	44	8		9	578	794	—216	—27.2	277	925	706
WEST SOUTH CENTRAL:														
Arkansas	409	530	913	1,294	—381	—29.4	109	13,239	15,284	—2,045	—13.4	1,722	26,478	12,074
Louisiana	20	32	45	213	—168	—78.9		745	2,132	—1,387	—65.1		1,230	2,092
Oklahoma [1]	41,824	29,660	1,152,430	532,515	619,915	116.4	65,418	17,901,096	4,658,752	13,242,344	284.2	1,136,772	23,271,427	2,531,036
Texas	42,544	23,631	1,482,663	573,384	909,279	158.6	22,813	36,456,343	5,860,444	30,595,899	522.1	482,096	41,924,803	3,785,463
MOUNTAIN:														
Montana	3	3	4	53	—49			23	1,253	—1,230	—98.2		38	917
Idaho		3		9	—9				140	—140				105
Wyoming	3	3	25	17	8			263	410	—147	—35.9		434	372
Colorado	2,785	783	92,126	11,971	80,155	669.6	18	1,544,879	139,234	1,405,645		302	1,931,104	94,486
New Mexico	3,610	2,741	151,685	63,570	88,115	138.6	138	3,783,617	543,350	3,240,267	596.3	4,473	4,729,524	392,393
Arizona	1,545	109	33,608	801	32,807		1	849,994	18,739	831,255		50	1,274,994	20,355
Utah	4		7		7			90		90			208	
Nevada	3	9	5	15	—10			125	358	—233	—65.1		200	535
PACIFIC:														
Washington	5	3	3	4	—1			76	47	29			136	32
Oregon	9	4	118	24	94		4	3,521	617	2,904	470.7	134	6,339	312
California	7,183	2,521	167,814	44,308	123,506	278.7	20,218	4,051,086	938,049	3,113,037	331.9	420,452	6,886,848	725,704

[1] Figures for 1899 include Indian Territory.

TABLE 48.—KAFIR AND MILO—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1899 TO 1919.

[All percentages and averages based on Table 47. See footnote on that table.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		AVERAGE ACREAGE PER FARM REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.			AVERAGE YIELD PER ACRE (BUSHELS).			AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.		
	1919	1909	1919	1909	1919	1909	1899	1919	1909	1899	1919	1909		1919	1909	1899
United States	2.0	1.5	27.9	16.8	0.7	0.3	0.1	19.9	10.8	19.4	$1.25	$0.61	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																
New England	(1)	(1)	1.5	3.0	(1)	(1)	.....	23.0	36.9	.....	1.50	0.61	(2)	(2)	0.01	.....
Middle Atlantic	0.1	(1)	5.0	3.9	(1)	(1)	(1)	15.8	19.9	14.0	1.57	0.70	0.05	0.04	0.07	(2)
East North Central	(1)	(1)	6.2	3.3	(1)	(1)	(1)	12.1	19.2	20.5	1.48	0.63	0.02	0.01	0.13	0.05
West North Central	2.7	3.3	18.3	11.0	0.3	0.2	0.1	13.9	13.3	19.8	1.36	0.60	14.76	10.31	30.53	60.34
South Atlantic	(1)	(1)	2.1	1.8	(1)	(1)	(1)	14.7	15.5	15.5	1.75	0.82	0.01	0.01	0.02	0.01
East South Central	(1)	(1)	3.6	2.3	(1)	(1)	(1)	12.8	13.1	27.1	2.04	0.77	0.01	0.01	0.04	0.01
West South Central	8.5	5.7	31.1	20.6	4.1	1.9	0.2	20.6	9.5	18.3	1.20	0.60	72.84	75.43	59.88	31.35
Mountain	3.3	2.0	34.9	20.9	0.9	0.5	(1)	22.3	9.2	30.7	1.28	0.72	7.67	8.57	4.00	0.09
Pacific	3.1	1.3	23.3	17.5	0.7	0.2	0.1	24.1	21.2	20.8	1.70	0.77	4.64	5.62	5.33	8.14
NEW ENGLAND:																
Maine	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire	(1)	(1)	1.5	7.7	(1)	(1)	.....	23.0	15.2	.....	1.50	0.44	(2)	(2)	(2)	.....
Vermont	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	.....	(1)	.....	2.3	.....	(1)	.....	.....	62.7	.....	.....	0.63	.....	.....	0.01	.....
Rhode Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	.....	(1)	.....	1.0	.....	(1)	.....	.....	26.3	.....	.....	0.90	.....	.....	(2)	.....
MIDDLE ATLANTIC:																
New York	(1)	(1)	3.3	3.7	(1)	(1)	.....	17.5	22.4	.....	1.75	0.78	(2)	(2)	0.03	.....
New Jersey	(1)	(1)	4.3	5.4	(1)	(1)	.....	12.8	18.9	.....	1.65	0.57	(2)	(2)	0.01	.....
Pennsylvania	0.2	(1)	5.3	3.7	(1)	(1)	(1)	15.8	18.1	14.0	1.55	0.67	0.05	0.04	0.03	(2)
EAST NORTH CENTRAL:																
Ohio	(1)	(1)	3.5	2.1	(1)	(1)	(1)	9.3	23.4	7.5	1.51	0.55	(2)	(2)	0.01	(2)
Indiana	(1)	(1)	7.3	3.3	(1)	(1)	(1)	13.3	18.0	12.3	1.50	0.64	0.01	0.01	0.02	(2)
Illinois	(2)	0.1	4.5	2.4	(1)	(1)	(1)	9.5	18.6	23.8	1.40	0.67	(2)	(2)	0.04	0.02
Michigan	.....	(1)	.....	3.5	.....	(1)	.....	.....	21.3	.....	.....	0.64	.....	.....	0.01	.....
Wisconsin	(1)	(1)	6.5	6.7	(1)	(1)	(1)	11.7	19.1	21.3	1.50	0.59	(2)	(2)	0.05	0.04
WEST NORTH CENTRAL:																
Minnesota	(1)	(1)	4.3	7.5	(1)	(1)	(1)	5.5	44.5	25.5	1.31	0.44	(2)	(2)	0.02	0.02
Iowa	(1)	(1)	5.8	2.2	(1)	(1)	(1)	11.5	21.7	21.3	1.35	0.68	0.01	0.01	0.02	0.03
Missouri	0.9	1.5	4.2	3.4	(1)	0.1	(1)	14.6	16.9	19.3	1.70	0.67	0.29	0.21	1.30	0.74
North Dakota	(1)	(1)	31.0	2.9	(1)	(1)	(1)	2.7	19.3	15.0	1.40	0.57	0.01	(2)	(2)	0.01
South Dakota	.....	(1)	.....	6.0	.....	(1)	(1)	.....	10.2	13.3	.....	0.75	.....	.....	0.01	0.01
Nebraska	0.2	0.3	5.5	5.3	(1)	(1)	(1)	13.9	10.0	18.3	1.40	0.78	0.04	0.03	0.11	0.26
Kansas	16.0	18.1	19.8	12.1	1.7	1.3	0.6	13.9	13.2	19.8	1.35	0.60	14.41	10.06	29.07	59.27
SOUTH ATLANTIC:																
Delaware	.....	(1)	.....	0.5	.....	(1)	(1)	.....	25.0	32.5	.....	1.00	.....	.....	(2)	(2)
Maryland	(1)	(1)	1.2	2.1	(1)	(1)	(1)	19.7	12.5	6.0	1.49	0.73	(2)	(2)	(2)	(2)
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	.....	(1)	.....	2.4	.....	(1)	(1)	.....	18.0	18.9	.....	0.72	.....	.....	0.01	(2)
West Virginia	(1)	(1)	3.3	1.6	(1)	(1)	.....	14.2	18.0	.....	1.80	0.70	(2)	(2)	(2)	.....
North Carolina	(1)	(1)	1.5	2.0	(1)	(1)	(1)	12.9	9.2	4.0	1.80	0.90	(2)	(2)	(2)	(2)
South Carolina	.....	(1)	.....	1.1	.....	(1)	.....	.....	16.9	.....	.....	0.98	.....	.....	(2)	.....
Georgia	.....	(1)	.....	1.1	.....	(1)	(1)	.....	15.8	14.2	.....	1.09	.....	.....	(2)	0.01
Florida	0.1	(1)	1.6	1.3	(1)	(1)	.....	15.4	26.4	.....	1.70	1.03	(2)	(2)	(2)	.....
EAST SOUTH CENTRAL:																
Kentucky	(1)	(1)	3.9	2.2	(1)	(1)	.....	12.3	12.7	.....	1.75	0.66	(2)	(2)	0.01	.....
Tennessee	(1)	(1)	4.1	2.6	(1)	(1)	(1)	12.7	12.9	25.7	2.40	0.71	(2)	(2)	0.01	(2)
Alabama	(1)	(1)	4.1	2.7	(1)	(1)	(1)	13.8	12.3	22.5	2.10	0.94	0.01	(2)	0.01	(2)
Mississippi	(1)	(1)	1.9	1.4	(1)	(1)	(1)	11.1	18.0	30.8	1.60	0.89	(2)	(2)	(2)	0.01
WEST SOUTH CENTRAL:																
Arkansas	0.2	0.2	2.2	2.4	(1)	(1)	(1)	14.5	11.8	15.8	2.00	0.79	0.03	0.02	0.09	0.03
Louisiana	(1)	(1)	2.3	6.7	(1)	(1)	.....	16.6	10.0	.....	1.65	0.98	(2)	(2)	0.01	.....
Oklahoma	21.8	15.6	27.6	18.0	6.4	3.0	0.8	15.5	8.7	17.4	1.30	0.54	31.84	24.83	26.47	21.99
Texas	9.8	5.7	34.9	24.3	4.7	2.1	0.1	24.6	10.2	21.1	1.15	0.65	40.97	50.57	33.30	9.33
MOUNTAIN:																
Montana	(1)	(1)	1.3	17.7	(1)	(1)	.....	5.8	23.6	.....	1.65	0.73	(2)	(2)	0.01	.....
Idaho	.....	(1)	.....	3.0	.....	(1)	.....	.....	15.6	.....	.....	0.75	.....	.....	(2)	.....
Wyoming	(1)	(1)	8.3	5.7	(1)	(1)	.....	10.5	24.1	.....	1.65	0.91	(2)	(2)	(2)	.....
Colorado	4.6	1.7	33.1	15.3	1.2	0.3	(1)	16.8	11.6	16.8	1.25	0.68	2.55	2.14	0.79	0.01
New Mexico	12.1	7.7	42.0	23.2	8.8	4.3	(1)	24.9	8.5	32.4	1.25	0.72	4.19	5.25	3.09	0.09
Arizona	15.5	1.2	21.8	7.3	4.7	0.2	(1)	25.3	23.4	50.0	1.50	1.09	0.93	1.18	0.11	(2)
Utah	(1)	.....	1.8	.....	(1)	.....	.....	12.9	.....	.....	2.31	.....	(2)	(2)	.....	.....
Nevada	0.1	0.3	1.7	1.7	(1)	(1)	.....	25.0	23.9	.....	1.60	1.49	(2)	(2)	(2)	.....
PACIFIC:																
Washington	(1)	(1)	0.6	1.3	(1)	(1)	.....	25.3	11.8	.....	1.79	0.68	(2)	(2)	(2)	.....
Oregon	(1)	(1)	13.1	6.0	(1)	(1)	(1)	29.8	25.7	33.5	1.80	0.51	(2)	(2)	(2)	(2)
California	6.1	2.9	23.4	17.6	1.4	0.4	0.2	24.1	21.2	20.8	1.70	0.77	4.64	5.62	5.33	8.13

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

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

Rice.—The acreage of rice harvested in the United States in 1919 was 911,272, and the production was 35,330,912 bushels, as compared with 610,175 acres, producing 21,838,580 bushels, in 1909. The value of the crop in 1919 was $97,194,481.

A summary of the available census data with regard to the production of rice in the United States, beginning with the production in 1849, is given in Table 49. The principal data are also given, by divisions and states, in Tables 50, 51, and 52.

TABLE 49.—RICE—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 50, 51, and 52.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	20,310	13,708	47,651					
Per cent of all farms	0.3	0.2	0.8					
Acreage	911,272	610,175	342,214	161,312	174,173			
Increase over preceding census [1]	301,097	267,961	180,902	−12,861				
Per cent of increase [1]	49.3	78.3	112.1	−7.4				
Average per farm reporting	44.9	44.5	7.2					
Per cent that acreage in rice formed of—								
Total improved acreage	0.2	0.1	0.1	(2)	0.1			
Total reported crop acreage	0.3	0.2	0.1					
Production (bushels)	35,330,912	21,838,580	9,002,886	4,625,573	3,961,560	2,648,742	6,732,627	7,745,090
Increase over preceding census [1]	13,492,332	12,835,694	4,377,313	664,013	1,312,818	−4,083,885	−1,012,463	
Per cent of increase [1]	61.8	142.6	94.6	16.8	49.6	−60.7	−13.1	
Average yield per acre	38.8	35.8	26.3	28.7	22.7			
Value	$97,194,481	$16,019,607	$6,329,562					
Increase over preceding census	$81,174,874	$9,690,045						
Per cent of increase	506.7	153.1						
Average per bushel	$2.75	$0.73	$0.70					
Average per acre	$106.66	$26.25	$18.50					
Per cent that value of rice formed of total value of all crops	0.7	0.3	0.2					

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

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

TABLE 50.—RICE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (−) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**20,310**	**13,708**	**911,272**	**610,175**	**301,097**	**49.3**	**35,330,912**	**21,838,580**	**13,492,332**	**61.8**	**$97,194,481**	**$16,019,607**
GEOGRAPHIC DIVISIONS:												
West North Central	3	1	705	10	695		29,825	15	29,810		79,036	10
South Atlantic	8,758	5,527	13,213	27,080	−13,867	−51.2	225,099	713,966	−488,867	−68.5	640,571	691,372
East South Central	2,000	596	2,254	560	1,694	302.5	32,463	10,006	22,457	224.4	75,592	10,547
West South Central	9,058	7,583	764,651	582,523	182,128	31.3	28,115,162	21,114,548	7,000,614	33.2	75,961,222	15,317,648
Mountain	1	1	82	2	80		2,050	45	2,005		5,433	30
Pacific	490		130,367		130,367		6,926,313		6,926,313		20,432,627	
WEST NORTH CENTRAL:												
Minnesota		1		10	−10			15	−15			10
Missouri	3		705		705		29,825		29,825		79,036	
SOUTH ATLANTIC:												
North Carolina	116	161	172	521	−349	−67.0	3,766	11,357	−7,591	−66.8	10,545	10,269
South Carolina	3,685	3,017	6,547	19,491	−12,944	−66.4	122,465	541,570	−419,105	−77.4	355,150	520,000
Georgia	3,064	1,740	4,103	6,445	−2,342	−36.3	59,711	148,698	−88,987	−59.8	167,189	145,813
Florida	1,893	609	2,391	623	1,768	283.8	39,157	12,341	26,816	217.3	107,687	15,290
EAST SOUTH CENTRAL:												
Tennessee	5		45		45		43		43		115	
Alabama	778	238	1,038	279	759	272.0	14,279	5,170	9,109	176.2	32,846	5,179
Mississippi	1,217	358	1,171	281	890	316.7	18,141	4,836	13,305	275.1	42,631	5,368
WEST SOUTH CENTRAL:												
Arkansas	1,201	290	143,211	27,419	115,792	422.3	6,797,126	1,282,830	5,514,296	429.9	18,352,240	1,158,103
Louisiana	6,989	6,138	456,959	317,518	139,441	43.9	16,011,667	10,839,973	5,171,694	47.7	42,751,150	8,053,222
Texas	868	1,155	164,481	237,586	−73,105	−30.8	5,306,369	8,991,745	−3,685,376	−41.0	14,857,832	6,106,323
MOUNTAIN:												
New Mexico	1	1	82	2	80		2,050	45	2,005		5,433	30
PACIFIC:												
California	490		130,367		130,367		6,926,313		6,926,313		20,432,627	

TABLE 51.—RICE—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
United States	**911,272**	**610,175**	**342,214**	**161,312**	**174,173**	**35,330,912**	**21,838,580**	**9,002,886**	**4,625,573**	**3,961,560**	**44.9**	**44.5**
GEOGRAPHIC DIVISIONS:												
West North Central	705	10				29,825	15				235.0	10.0
South Atlantic	13,213	27,080	127,369	74,395	126,758	225,099	713,966	2,470,725	1,861,653	3,034,210	1.5	4.9
East South Central	2,254	560	4,424	2,353	5,080	32,463	10,006	59,934	38,705	91,002	1.1	0.9
West South Central	764,651	582,523	210,421	84,564	42,335	28,115,162	21,114,548	6,472,227	2,725,215	836,348	84.4	76.8
Mountain	82	2				2,050	45				82.0	2.0
Pacific	130,367					6,926,313					266.1	

TABLE 51.—RICE—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES—Continued.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
WEST NORTH CENTRAL:												
Minnesota		10					15					10.0
Missouri	705					29,825					235.0	
SOUTH ATLANTIC:												
Virginia			25	3				157	13			
North Carolina	172	521	22,279	12,241	10,846	3,766	11,357	283,906	210,302	201,769	1.5	3.2
South Carolina	6,547	19,491	77,657	42,238	78,388	122,465	541,570	1,703,602	1,091,329	1,873,292	1.8	6.5
Georgia	4,103	6,445	21,998	18,126	34,973	59,711	148,698	401,963	523,613	912,578	1.3	3.7
Florida	2,391	623	5,410	1,787	2,551	39,157	12,341	81,097	36,396	46,571	1.3	1.0
EAST SOUTH CENTRAL:												
Tennessee	45					43					9.0	
Alabama	1,038	279	2,329	810	1,579	14,279	5,170	33,343	14,362	29,169	1.3	1.2
Mississippi	1,171	281	2,095	1,543	3,501	18,141	4,836	26,591	24,343	61,833	1.0	0.8
WEST SOUTH CENTRAL:												
Arkansas	143,211	27,419	25	9		6,797,126	1,282,830	310	256		119.2	94.5
Louisiana	456,959	317,518	201,685	84,377	42,000	16,011,667	10,830,973	6,213,397	2,721,059	834,112	65.4	51.7
Texas	164,481	237,586	8,711	178	335	5,306,369	8,991,745	258,520	3,900	2,236	189.5	205.7
MOUNTAIN:												
New Mexico	82	2				2,050	45				82.0	2.0
PACIFIC:												
California	130,367					6,926,313					266.1	

TABLE 52.—RICE—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 50 and 51.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (BUSHELS).					AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909		1919	1909	1899	1889	1879
United States	0.3	0.2	0.2	0.1	0.1	(1)	0.1	38.8	35.8	26.3	28.7	22.7	$2.75	$0.73	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																				
West North Central	(1)	(1)	(1)	(1)				42.3	1.5				2.65	0.67	0.08	0.08	(2)			
South Atlantic	0.8	0.5	(1)	0.1	0.3	0.2	0.4	17.0	26.4	19.4	25.0	23.9	2.85	0.97	1.45	0.64	3.27	27.44	40.25	76.59
East South Central	0.2	0.1	(1)	(1)	(1)	(1)	(1)	14.4	17.9	13.5	16.4	17.9	2.33	1.05	0.25	0.09	0.05	0.67	0.84	2.30
West South Central	0.9	0.8	1.2	1.0	0.5	0.3	0.2	36.8	36.2	30.8	32.2	19.8	2.70	0.73	83.91	79.58	96.68	71.89	58.92	21.11
Mountain	(1)	(1)	(1)	(1)				25.0	22.5				2.65	0.67	0.01	0.01	(2)			
Pacific	0.2		0.5					53.1					2.95		14.31	19.60				
WEST NORTH CENTRAL:																				
Minnesota		(1)		(1)					1.5					0.67			(2)			
Missouri	(1)		(1)					42.3					2.65		0.08	0.08				
SOUTH ATLANTIC:																				
Virginia					(1)	(1)				6.3	4.3							(2)	(2)	
North Carolina	(1)	0.1	(1)	(1)	0.3	0.2	0.2	21.9	21.8	12.7	17.2	18.6	2.80	0.90	0.02	0.01	0.05	3.15	4.55	5.09
South Carolina	1.9	1.7	0.1	0.3	1.3	0.8	1.9	18.7	27.8	21.9	25.8	23.9	2.90	0.96	0.72	0.35	2.48	18.92	23.59	47.20
Georgia	1.0	0.6	(1)	0.1	0.2	0.2	0.4	14.6	23.1	18.3	28.9	26.1	2.80	0.98	0.45	0.17	0.68	4.46	11.32	23.04
Florida	3.5	1.2	0.1	(1)	0.4	0.2	0.3	16.4	19.8	15.0	20.4	18.3	2.75	1.24	0.26	0.11	0.06	0.90	0.79	1.18
EAST SOUTH CENTRAL:																				
Tennessee	(1)		(1)					1.0							(2)	(2)				
Alabama	0.3	0.1	(1)	(1)	(1)	(1)	(1)	13.8	18.5	14.3	17.7	18.5	2.30	1.00	0.11	0.04	0.02	0.37	0.31	0.74
Mississippi	0.4	0.1	(1)	(1)	(1)	(1)	0.1	15.5	17.2	12.7	15.8	17.7	2.35	1.11	0.13	0.05	0.02	0.30	0.53	1.56
WEST SOUTH CENTRAL:																				
Arkansas	0.5	0.1	1.6	0.3	(1)	(1)		47.5	46.8	12.4	28.4		2.70	0.90	15.72	19.24	5.87	(2)	0.01	
Louisiana	5.2	5.1	8.1	6.0	4.3	2.2	1.5	35.0	34.1	30.8	32.2	19.9	2.67	0.74	50.15	45.32	49.64	69.02	58.83	21.06
Texas	0.2	0.3	0.5	0.9	(1)	(1)	(1)	32.3	37.8	29.7	21.9	6.7	2.80	0.68	18.05	15.02	41.17	2.87	0.08	0.06
MOUNTAIN:																				
New Mexico	(1)	(1)	(1)	(1)				25.0	22.5				2.65	0.67	0.01	0.01	(2)			
PACIFIC:																				
California	0.4		1.1					53.1					2.95		14.31	19.60				

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

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

Mixed crops.—The 1920 farm schedule carried an inquiry, in the section devoted to grains and seeds, asking for the acreage and production of "Mixed crops not separated in harvesting." The combinations of crops most frequently reported for this item were oats and barley, oats and wheat, and wheat and barley, though other combinations, including oats and peas, were common. At prior censuses, where mixed crops were grown, the quantity of each crop was estimated and added to the production of that crop reported as grown separately; hence there are no comparative figures for mixed crops as such.

The acreage of mixed crops reported for 1919 was 577,078, and the production was 13,835,785 bushels.

A summary of the data relative to mixed crops is given in Table 53, and the figures are presented, by divisions and states, in Table 54.

TABLE 53.—MIXED CROPS—SUMMARY FOR THE UNITED STATES: 1919.

[Figures for divisions and states in Table 54.]

ITEM.	Number or amount.
Number of farms reporting	46,100
Per cent of all farms	0.7
Acreage	577,078
Average per farm reporting	12.5
Production (bushels)	13,835,785
Average yield per acre	24.0
Value	$16,329,888
Average per bushel	$1.18
Average per acre	$28.30

TABLE 54.—MIXED CROPS—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1919.

DIVISION AND STATE.	Farms reporting.	Acreage.	Production (bushels).	Value.	Per cent of all farms reporting.	Average acreage per farm.	Per cent of all improved land occupied.	Average yield per acre (bushels).	Average value per bushel.	PER CENT DISTRIBUTION. Acreage.	PER CENT DISTRIBUTION. Production.
United States	**46,100**	**577,078**	**13,835,785**	**$16,329,888**	**0.7**	**12.5**	**0.1**	**24.0**	**$1.18**	**100.0**	**100.0**
GEOGRAPHIC DIVISIONS:											
New England	714	4,834	130,336	183,358	0.5	6.8	0.1	27.0	1.41	0.84	0.94
Middle Atlantic	13,517	130,096	2,928,944	3,515,343	3.2	9.6	0.5	22.5	1.20	22.54	21.17
East North Central	13,384	123,981	3,207,192	3,912,503	1.2	9.3	0.1	25.9	1.22	21.48	23.18
West North Central	14,806	278,567	6,760,352	7,544,953	1.3	18.8	0.2	24.3	1.12	48.27	48.86
South Atlantic	582	3,657	43,262	69,721	0.1	6.3	(1)	11.8	1.61	0.63	0.31
East South Central	164	1,446	28,684	42,312	(1)	8.8	(1)	19.8	1.48	0.25	0.21
West South Central	363	5,867	111,835	133,234	(1)	16.2	(1)	19.1	1.19	1.02	0.81
Mountain	325	6,592	90,619	134,035	0.1	20.3	(1)	13.7	1.48	1.14	0.65
Pacific	2,245	22,038	534,561	794,429	1.0	9.8	0.1	24.3	1.49	3.82	3.86
NEW ENGLAND:											
Maine	37	106	2,716	4,075	0.1	2.9	(1)	25.6	1.50	0.02	0.02
New Hampshire	49	182	6,434	9,008	0.2	3.7	(1)	35.4	1.40	0.03	0.05
Vermont	576	4,298	115,055	161,076	2.0	7.5	0.3	26.8	1.40	0.74	0.83
Massachusetts	30	124	3,209	4,815	0.1	4.1	(1)	25.9	1.50	0.02	0.02
Rhode Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut	22	124	2,922	4,384	0.1	5.6	(1)	23.6	1.50	0.02	0.02
MIDDLE ATLANTIC:											
New York	13,215	128,477	2,891,561	3,469,871	6.8	9.7	1.0	22.5	1.20	22.26	20.90
New Jersey	26	185	3,063	4,288	0.1	7.1	(1)	16.6	1.40	0.03	0.02
Pennsylvania	276	1,434	34,320	41,184	0.1	5.2	(1)	23.9	1.20	0.25	0.25
EAST NORTH CENTRAL:											
Ohio	198	1,475	36,049	48,669	0.1	7.4	(1)	24.4	1.35	0.26	0.26
Indiana	278	2,761	68,322	102,492	0.1	9.9	(1)	24.7	1.50	0.48	0.49
Illinois	439	4,564	134,692	161,631	0.2	10.4	(1)	29.5	1.20	0.79	0.97
Michigan	2,816	19,879	379,616	493,507	1.4	7.1	0.2	19.1	1.30	3.44	2.74
Wisconsin	9,653	95,302	2,588,513	3,106,204	5.1	9.9	0.8	27.2	1.20	16.51	18.71
WEST NORTH CENTRAL:											
Minnesota	9,741	193,864	4,579,897	5,037,894	5.5	19.9	0.9	23.6	1.10	33.59	33.10
Iowa	3,366	45,573	1,356,200	1,627,442	1.6	13.5	0.2	29.8	1.20	7.90	9.80
Missouri	146	2,311	46,405	55,687	0.1	15.8	(1)	20.1	1.20	0.40	0.34
North Dakota	235	7,900	65,480	78,574	0.3	33.6	(1)	8.3	1.20	1.37	0.47
South Dakota	320	7,996	164,919	197,905	0.4	25.0	(1)	20.6	1.20	1.39	1.19
Nebraska	774	16,230	448,835	448,835	0.6	21.0	0.1	27.7	1.00	2.81	3.24
Kansas	224	4,693	98,616	98,616	0.1	21.0	(1)	21.0	1.00	0.81	0.71
SOUTH ATLANTIC:											
Delaware	12	171	2,773	3,882	0.1	14.3	(1)	16.2	1.40	0.03	0.02
Maryland	8	70	1,515	2,121	(1)	8.8	(1)	21.6	1.40	0.01	0.01
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	51	404	5,832	9,331	(1)	7.9	(1)	14.4	1.60	0.07	0.04
West Virginia	4	30	550	825	(1)	7.5	(1)	18.3	1.50	0.01	(2)
North Carolina	366	1,854	19,856	31,770	0.1	5.1	(1)	10.7	1.60	0.32	0.14
South Carolina	53	280	4,156	7,067	(1)	5.3	(1)	14.8	1.70	0.05	0.03
Georgia	67	632	6,615	11,581	(1)	9.4	(1)	10.5	1.75	0.11	0.05
Florida	21	216	1,965	3,144	(1)	10.3	(1)	9.1	1.60	0.04	0.01
EAST SOUTH CENTRAL:											
Kentucky	99	969	19,510	29,271	(1)	9.8	(1)	20.1	1.50	0.17	0.14
Tennessee	51	444	8,679	12,150	(1)	8.7	(1)	19.5	1.40	0.08	0.06
Alabama	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mississippi	14	33	495	891	(1)	2.4	(1)	15.0	1.80	0.01	(2)
WEST SOUTH CENTRAL:											
Arkansas	30	287	1,985	2,779	(1)	9.6	(1)	6.9	1.40	0.05	0.01
Louisiana	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma	220	4,043	75,508	75,508	0.1	18.4	(1)	18.7	1.00	0.70	0.55
Texas	113	1,537	34,342	54,947	(1)	13.6	(1)	22.3	1.60	0.27	0.25
MOUNTAIN:											
Montana	42	1,049	9,519	12,375	0.1	25.0	(1)	9.1	1.30	0.18	0.07
Idaho	38	902	12,109	18,165	0.1	23.7	(1)	13.4	1.50	0.16	0.09
Wyoming	25	754	9,753	14,630	0.2	30.2	(1)	12.9	1.50	0.13	0.07
Colorado	142	3,205	46,454	69,686	0.2	22.6	(1)	14.5	1.50	0.56	0.34
New Mexico	19	187	4,131	6,197	0.1	9.8	(1)	22.1	1.50	0.03	0.03
Arizona	8	73	1,863	2,795	0.1	9.1	(1)	25.5	1.50	0.01	0.01
Utah	43	379	6,127	9,192	0.2	8.8	(1)	16.2	1.50	0.07	0.04
Nevada	8	43	663	995	0.3	5.4	(1)	15.4	1.50	0.01	(2)
PACIFIC:											
Washington	595	3,687	92,364	138,552	0.9	6.2	0.1	25.1	1.50	0.64	0.67
Oregon	1,602	15,591	367,958	551,943	3.2	9.7	0.3	23.6	1.50	2.70	2.66
California	48	2,760	74,239	103,934	(1)	57.5	(1)	26.9	1.40	0.48	0.54

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

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

OTHER GRAINS AND SEEDS.

Dry edible beans.—The acreage of dry edible beans harvested in the United States in 1919 was 1,161,682, and the production was 14,079,093 bushels, as compared with 802,991 acres, producing 11,251,160 bushels, in 1909. This classification does not cover beans used green from vegetable gardens (which are classified as vegetables), castor beans, nor those varieties of beans which are used mainly as feed for live stock. The value of the 1919 crop of dry edible beans was $61,795,225.

A summary of the available census data with regard to the production of dry edible beans in the United States, beginning with 1899, is given in Table 55. The principal data are also given, by divisions and states, in Tables 56 and 57.

TABLE 55.—DRY EDIBLE BEANS—SUMMARY FOR THE UNITED STATES: 1899 TO 1919.

[Figures for divisions and states in Tables 56 and 57.]

ITEM.	1919	1909	1899
Number of farms reporting	168,185	185,934	245,016
Per cent of all farms	2.6	2.9	4.3
Acreage	1,161,682	802,991	453,841
Increase over preceding census	358,691	349,150	.....
Per cent of increase	44.7	76.9	.....
Average per farm reporting	6.9	4.3	1.9
Per cent that acreage in dry edible beans formed of—			
Total improved acreage	0.2	0.2	0.1
Total reported crop acreage	0.3	0.3	0.2
Production (bushels)	14,079,093	11,251,160	5,064,490
Increase over preceding census	2,827,933	6,186,670	.....
Per cent of increase	25.1	122.2	.....
Average yield per acre	12.1	14.0	11.2
Value	$61,795,225	$21,771,482	$7,633,636
Increase over preceding census	$40,023,743	$14,137,846	.....
Per cent of increase	183.8	185.2	.....
Average per bushel	$4.39	$1.94	$1.51
Average per acre	$53.19	$27.11	$16.82
Per cent that value of dry edible beans formed of total value of all crops	0.4	0.4	0.3

TABLE 56.—DRY EDIBLE BEANS—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[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.		ACREAGE.[1]					PRODUCTION (BUSHELS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909
United States	**168,185**	**185,934**	**1,161,682**	**802,991**	**358,691**	**44.7**	**453,841**	**14,079,093**	**11,251,160**	**2,827,933**	**25.1**	**5,064,490**	**$61,795,225**	**$21,771,482**
GEOGRAPHIC DIVISIONS:														
New England	17,290	26,284	12,989	16,619	—3,630	—21.8	16,734	137,247	145,111	—7,864	—5.4	212,149	815,696	432,501
Middle Atlantic	20,910	24,798	50,253	117,370	—67,117	—57.2	131,681	736,871	1,696,468	—959,597	—56.6	1,387,290	3,723,334	3,723,350
East North Central	58,879	65,839	335,630	422,256	—86,626	—20.5	188,292	4,494,237	5,472,850	—978,613	—17.9	2,028,930	18,085,617	10,054,082
West North Central	8,376	9,846	11,763	9,189	2,574	28.0	12,495	89,310	94,841	—5,531	—5.8	128,427	440,125	199,498
South Atlantic	12,974	25,544	16,836	25,776	—8,940	—34.7	30,492	98,308	162,853	—64,545	—39.6	373,339	548,653	291,885
East South Central	15,034	20,558	19,266	18,481	785	4.2	14,110	106,448	114,022	—7,574	—6.6	126,869	647,527	189,809
West South Central	5,929	1,447	12,103	3,551	8,552	240.8	5,458	90,271	25,052	65,219	260.3	53,212	417,136	45,717
Mountain	18,525	7,623	225,816	30,847	194,969	632.1	7,581	1,739,529	200,402	1,539,127	768.0	80,852	6,174,981	506,185
Pacific	10,268	3,995	477,026	158,902	318,124	200.2	46,998	6,586,872	3,339,561	3,247,311	97.2	673,422	30,942,156	6,328,455
NEW ENGLAND:														
Maine	8,956	15,788	5,689	10,341	—4,652	—45.0	10,252	58,797	87,565	—28,768	—32.9	137,290	358,661	275,334
New Hampshire	3,703	5,523	2,198	3,180	—982	—30.9	2,892	18,488	22,546	—4,058	—18.0	20,990	114,626	62,783
Vermont	2,860	2,752	3,696	2,390	1,306	54.6	2,404	45,696	26,359	19,337	73.4	27,172	260,468	72,873
Massachusetts	1,166	1,252	1,094	446	648	145.3	629	10,687	4,979	5,708	114.6	7,939	58,244	12,382
Rhode Island	198	252	69	54	15	.....	216	863	817	46	5.6	3,330	6,041	2,084
Connecticut	407	717	243	208	35	16.8	341	2,716	2,845	—129	—4.5	6,428	17,656	7,045
MIDDLE ATLANTIC:														
New York	15,682	21,181	45,897	115,698	—69,801	—60.3	129,298	702,634	1,681,506	—978,872	—58.2	1,360,445	3,513,170	3,689,064
New Jersey	390	291	840	403	437	108.4	201	6,717	2,941	3,776	128.4	2,888	43,666	6,150
Pennsylvania	4,838	3,326	3,516	1,269	2,247	177.1	2,182	27,520	12,021	15,499	128.9	23,957	166,498	28,136
EAST NORTH CENTRAL:														
Ohio	2,058	2,108	2,122	1,139	983	86.3	1,828	16,792	13,665	3,127	22.9	19,042	105,799	30,082
Indiana	2,124	1,982	3,016	1,721	1,295	75.2	2,999	14,011	15,238	—1,227	—8.1	30,171	81,264	30,929
Illinois	931	627	1,516	1,153	363	31.5	3,451	8,293	6,866	1,427	20.8	30,122	47,273	12,842
Michigan	46,561	55,466	314,873	403,669	—88,796	—22.0	167,025	4,332,317	5,282,511	—950,194	—18.0	1,806,413	17,329,268	9,716,315
Wisconsin	7,205	5,656	14,103	14,574	—471	—3.2	12,989	122,824	154,570	—31,746	—20.5	143,182	522,013	263,914
WEST NORTH CENTRAL:														
Minnesota	3,217	4,587	4,735	4,697	38	0.8	3,290	50,471	62,822	—12,351	—19.7	36,317	219,550	124,996
Iowa	1,038	973	828	615	213	34.6	2,427	5,374	5,699	—325	—5.7	24,903	34,958	12,428
Missouri	2,622	2,391	3,422	1,281	2,141	167.1	4,376	16,070	9,385	6,685	71.2	45,647	97,227	20,354
North Dakota	270	394	743	544	199	36.6	270	4,860	5,073	—213	—4.2	2,389	25,758	12,862
South Dakota	547	659	816	809	7	0.9	397	4,553	5,285	—732	—13.9	4,218	23,450	12,575
Nebraska	450	784	930	1,173	—243	—20.7	887	5,793	5,941	—148	—2.5	7,669	27,803	14,962
Kansas	232	58	289	70	219	.....	848	2,189	636	1,553	244.2	7,284	11,379	1,321
SOUTH ATLANTIC:														
Delaware	80	102	160	55	105	.....	100	2,000	648	1,352	208.6	1,333	17,200	1,387
Maryland	670	312	1,632	196	1,436	732.7	605	11,769	1,833	9,936	542.1	4,754	75,912	3,342
District of Columbia	12	.....	8	.....	8	.....	1	86	.....	86	.....	12	576	.....
Virginia	3,897	7,660	5,029	4,777	252	5.3	6,411	32,660	29,435	3,225	11.0	56,189	166,568	61,864
West Virginia	4,957	8,626	4,878	8,111	—3,233	—39.9	5,221	26,709	39,794	—13,085	—32.9	52,815	160,254	81,049
North Carolina	1,825	6,574	2,277	5,521	—3,244	—58.8	5,381	12,334	35,937	—23,603	—65.7	49,518	64,137	57,528
South Carolina	.....	517	.....	1,528	—1,528	.....	1,657	.....	6,825	—6,825	.....	14,925	.....	12,778
Georgia	1,391	1,329	2,463	2,947	—484	—16.4	1,927	10,243	16,546	—6,303	—38.1	17,489	51,215	30,018
Florida	142	424	389	2,641	—2,252	—85.3	9,189	2,507	31,835	—29,328	—92.1	176,304	12,791	43,919
EAST SOUTH CENTRAL:														
Kentucky	8,105	14,248	7,602	12,434	—4,832	—38.9	5,633	43,154	70,557	—27,403	—38.8	49,106	278,345	105,309
Tennessee	5,602	5,312	7,877	3,398	4,479	131.8	5,563	36,475	19,526	16,949	86.8	48,736	240,735	40,966
Alabama	1,243	647	3,671	1,557	2,114	135.8	1,765	25,398	15,212	10,186	67.0	17,865	121,912	19,887
Mississippi	84	351	116	1,092	—976	—89.4	1,149	1,421	8,727	—7,306	—83.7	11,162	6,535	23,647
WEST SOUTH CENTRAL:														
Arkansas	544	538	361	819	—458	—55.9	1,490	2,355	4,080	—1,725	—42.3	15,582	12,717	6,588
Louisiana	445	78	1,019	311	708	227.7	335	8,232	5,557	2,675	48.1	3,371	41,160	6,982
Oklahoma[2]	496	224	1,544	575	969	168.5	755	12,046	2,520	9,526	378.0	6,130	65,655	5,942
Texas	4,444	607	9,179	1,846	7,333	397.2	2,878	67,638	12,895	54,743	424.5	28,129	297,604	26,205
MOUNTAIN:														
Montana	354	140	2,297	342	1,955	571.6	101	26,141	2,958	23,183	783.7	1,110	109,789	8,511
Idaho	1,557	293	33,941	1,915	32,026	.....	457	344,432	33,816	310,616	918.5	5,886	1,205,519	76,314
Wyoming	357	211	1,046	273	773	283.2	26	4,712	1,876	2,836	151.2	285	19,320	5,018
Colorado	5,661	1,387	66,236	5,040	61,196	.....	2,634	427,968	53,926	374,042	693.6	28,570	1,455,091	128,701
New Mexico	9,395	4,593	112,419	20,766	91,653	441.4	3,349	850,334	85,795	764,539	891.1	36,022	2,976,176	232,023
Arizona	976	776	9,438	2,301	7,137	310.2	805	82,090	18,457	63,633	344.8	6,637	385,825	44,997
Utah	202	208	414	196	218	111.2	176	3,636	3,352	284	8.5	1,806	22,181	10,006
Nevada	23	15	25	14	11	.....	33	216	222	—6	—2.7	536	1,080	615
PACIFIC:														
Washington	732	266	1,783	353	1,430	405.1	296	17,683	3,311	14,372	434.1	3,830	74,269	9,656
Oregon	793	675	3,569	562	3,007	535.1	841	16,238	8,032	8,206	102.2	11,077	69,018	23,342
California	8,743	3,054	471,674	157,987	313,687	198.6	45,861	6,552,951	3,328,218	3,224,733	96.9	658,515	30,798,869	6,295,457

[1] A considerable part of the acreage in the Southern states is probably a duplication of other crop acreage.

[2] Figures for 1899 include Indian Territory.

TABLE 57.—DRY EDIBLE BEANS—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1899 TO 1919.

[All percentages and averages based on Table 56. See footnotes on that table.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		AVERAGE ACREAGE PER FARM REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.			AVERAGE YIELD PER ACRE (BUSHELS).			AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.		
	1919	1909	1919	1909	1919	1909	1899	1919	1909	1899	1919	1909		1919	1909	1899
United States	2.6	2.9	6.9	4.3	0.2	0.2	0.1	12.1	14.0	11.2	$4.39	$1.94	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																
New England	11.0	13.9	0.8	0.6	0.2	0.2	0.2	10.6	8.7	12.7	5.94	2.98	1.12	0.97	1.29	4.19
Middle Atlantic	4.9	5.3	2.4	4.7	0.2	0.4	0.4	14.7	14.5	10.5	5.05	2.19	4.33	5.23	15.08	27.39
East North Central	5.4	5.9	5.7	6.4	0.4	0.5	0.2	13.4	13.0	10.8	4.02	1.84	28.89	31.92	48.64	40.06
West North Central	0.8	0.9	1.4	0.9	(1)	(1)	(1)	7.6	10.3	10.3	4.93	2.10	1.01	0.63	0.84	2.54
South Atlantic	1.1	2.3	1.3	1.0	(1)	0.1	0.1	5.8	6.3	12.2	5.58	1.79	1.45	0.70	1.45	7.37
East South Central	1.4	2.0	1.3	0.9	(1)	(1)	(1)	5.5	6.2	9.0	6.08	1.66	1.66	0.76	1.01	2.51
West South Central	0.6	0.2	2.0	2.5	(1)	(1)	(1)	7.5	7.1	9.7	4.62	1.82	1.04	0.64	0.22	1.05
Mountain	7.6	4.2	12.2	4.0	0.8	0.2	0.1	7.7	6.5	10.7	3.55	2.53	19.44	12.36	1.78	1.60
Pacific	4.4	2.1	46.5	39.8	2.0	0.7	0.3	13.8	21.0	14.3	4.70	1.89	41.06	46.78	29.68	13.30
NEW ENGLAND:																
Maine	18.6	26.3	0.6	0.7	0.3	0.4	0.4	10.3	8.5	13.4	6.10	3.14	0.49	0.42	0.78	2.71
New Hampshire	18.0	20.4	0.6	0.6	0.3	0.3	0.3	8.4	7.1	10.4	6.20	2.78	0.19	0.13	0.20	0.59
Vermont	9.8	8.4	1.3	0.9	0.2	0.1	0.1	12.4	11.0	11.3	5.70	2.76	0.32	0.32	0.23	0.54
Massachusetts	3.6	3.4	0.9	0.4	0.1	(1)	(1)	9.8	11.2	12.6	5.45	2.49	0.09	0.08	0.04	0.16
Rhode Island	4.8	4.8	0.3	0.2	0.1	(1)	0.1	12.5	15.1	15.4	7.00	2.55	0.01	0.01	0.01	0.07
Connecticut	1.8	2.7	0.6	0.3	(1)	(1)	(1)	11.2	13.7	18.9	6.50	2.48	0.02	0.02	0.03	0.13
MIDDLE ATLANTIC:																
New York	8.1	9.8	2.9	5.5	0.3	0.8	0.8	15.3	14.5	10.5	5.00	2.19	3.95	4.99	14.95	26.86
New Jersey	1.3	0.9	2.2	1.4	0.1	(1)	(1)	8.0	7.3	14.4	6.50	2.09	0.07	0.05	0.03	0.06
Pennsylvania	2.4	1.5	0.7	0.4	(1)	(1)	(1)	7.8	9.5	11.0	6.05	2.34	0.30	0.20	0.11	0.47
EAST NORTH CENTRAL:																
Ohio	0.8	0.8	1.0	0.5	(1)	(1)	(1)	7.9	12.0	10.4	6.30	2.20	0.18	0.12	0.12	0.38
Indiana	1.0	0.9	1.4	0.9	(1)	(1)	(1)	4.6	8.9	10.1	5.80	2.03	0.26	0.10	0.14	0.60
Illinois	0.4	0.2	1.6	1.8	(1)	(1)	(1)	5.5	6.0	8.7	5.70	1.87	0.13	0.06	0.06	0.59
Michigan	23.7	26.8	6.8	7.3	2.4	3.1	1.4	13.8	13.1	10.8	4.00	1.84	27.10	30.77	46.95	35.67
Wisconsin	3.8	3.2	2.0	2.6	0.1	0.1	0.1	8.7	10.6	11.0	4.25	1.71	1.21	0.87	1.37	2.83
WEST NORTH CENTRAL:																
Minnesota	1.8	2.9	1.5	1.0	(1)	(1)	(1)	10.7	13.4	11.0	4.35	1.99	0.41	0.36	0.56	0.72
Iowa	0.5	0.4	0.8	0.6	(1)	(1)	(1)	6.5	9.3	10.3	6.51	2.18	0.07	0.04	0.05	0.49
Missouri	1.0	0.9	1.3	0.5	(1)	(1)	(1)	4.7	7.3	10.4	6.05	2.17	0.29	0.11	0.08	0.90
North Dakota	0.3	0.5	2.8	1.4	(1)	(1)	(1)	6.5	9.3	8.8	5.30	2.54	0.06	0.03	0.05	0.05
South Dakota	0.7	0.8	1.5	1.2	(1)	(1)	(1)	5.6	6.5	10.6	5.15	2.38	0.07	0.03	0.05	0.08
Nebraska	0.4	0.6	2.1	1.5	(1)	(1)	(1)	6.2	5.1	8.6	4.80	2.52	0.08	0.04	0.05	0.15
Kansas	0.1	(1)	1.2	1.2	(1)	(1)	(1)	7.6	9.1	8.6	5.20	2.08	0.02	0.02	0.01	0.14
SOUTH ATLANTIC:																
Delaware	0.8	0.9	2.0	0.5	(1)	(1)	(1)	12.5	11.8	13.3	8.60	2.14	0.01	0.01	0.01	0.03
Maryland	1.4	0.6	2.4	0.6	0.1	(1)	(1)	7.2	9.4	7.9	6.45	1.82	0.14	0.08	0.02	0.09
District of Columbia	5.9	.....	0.7	.....	0.2	.....	(1)	10.8	.....	12.0	6.70	.....	(2)	(2)	.....	(2)
Virginia	2.1	4.2	1.3	0.6	0.1	(1)	0.1	6.5	6.2	8.8	5.10	2.10	0.43	0.23	0.26	1.11
West Virginia	5.7	8.9	1.0	0.9	0.1	0.1	0.1	5.5	4.9	10.1	6.00	2.04	0.42	0.19	0.35	1.04
North Carolina	0.7	2.6	1.2	0.8	(1)	0.1	0.1	5.4	6.5	9.2	5.20	1.60	0.20	0.09	0.32	0.98
South Carolina	.....	0.3	.....	3.0	.....	(1)	(1)	.....	4.5	9.0	.....	1.87	.....	.....	0.06	0.29
Georgia	0.4	0.5	1.8	2.2	(1)	(1)	(1)	4.2	5.6	9.1	5.00	1.81	0.21	0.07	0.15	0.35
Florida	0.3	0.8	2.7	6.2	(1)	0.1	0.6	6.4	12.1	19.2	5.10	1.38	0.03	0.02	0.28	3.48
EAST SOUTH CENTRAL:																
Kentucky	3.0	5.5	0.9	0.9	0.1	0.1	(1)	5.7	5.7	8.7	6.45	1.49	0.65	0.31	0.63	0.97
Tennessee	2.2	2.2	1.4	0.6	0.1	(1)	0.1	4.6	5.7	8.8	6.60	2.10	0.68	0.26	0.17	0.96
Alabama	0.5	0.2	3.0	2.4	(1)	(1)	(1)	6.9	9.8	10.1	4.80	1.31	0.32	0.18	0.14	0.35
Mississippi	(1)	0.1	1.4	3.1	(1)	(1)	(1)	12.3	8.0	9.7	4.60	2.71	0.01	0.01	0.03	0.22
WEST SOUTH CENTRAL:																
Arkansas	0.2	0.3	0.7	1.5	(1)	(1)	(1)	6.5	5.0	10.5	5.40	1.61	0.03	0.02	0.04	0.31
Louisiana	0.3	0.1	2.3	4.0	(1)	(1)	(1)	8.1	17.9	10.1	5.00	1.26	0.09	0.06	0.05	0.07
Oklahoma	0.3	0.1	3.1	2.6	(1)	(1)	(1)	7.8	4.4	8.1	5.45	2.36	0.13	0.09	0.02	0.12
Texas	1.0	0.1	2.1	3.0	(1)	(1)	(1)	7.4	7.0	9.8	4.40	2.03	0.79	0.48	0.11	0.56
MOUNTAIN:																
Montana	0.6	0.5	6.5	2.4	(1)	(1)	(1)	11.4	8.6	11.0	4.20	2.88	0.20	0.19	0.03	0.02
Idaho	3.7	1.0	21.8	6.5	0.8	0.1	(1)	10.1	17.7	12.9	3.50	2.26	2.92	2.45	0.30	0.12
Wyoming	2.3	1.9	2.9	1.3	(1)	(1)	(1)	4.5	6.9	11.0	4.10	2.67	0.09	0.03	0.02	0.01
Colorado	9.4	3.0	11.7	3.6	0.9	0.1	0.1	6.5	10.7	10.8	3.40	2.39	5.70	3.04	0.48	0.56
New Mexico	31.5	12.9	12.0	4.5	6.5	1.4	1.0	7.6	4.1	10.8	3.50	2.70	9.68	6.04	0.76	0.71
Arizona	9.8	8.4	9.7	3.0	1.3	0.7	0.3	8.7	8.0	8.2	4.70	2.44	0.81	0.58	0.16	0.13
Utah	0.8	1.0	2.0	0.9	(1)	(1)	(1)	8.8	17.1	10.3	6.10	2.99	0.04	0.03	0.03	0.04
Nevada	0.7	0.6	1.1	0.9	(1)	(1)	(1)	8.6	15.9	16.2	5.00	2.77	(2)	(2)	(2)	0.01
PACIFIC:																
Washington	1.1	0.5	2.4	1.3	(1)	(1)	(1)	9.9	9.4	12.9	4.20	2.92	0.15	0.13	0.03	0.08
Oregon	1.6	1.5	4.5	0.8	(1)	(1)	(1)	4.5	14.3	13.2	4.25	2.91	0.31	0.12	0.07	0.22
California	7.4	3.5	53.9	51.7	4.0	1.4	0.4	13.9	21.1	14.4	4.70	1.89	40.60	46.54	29.58	13.00

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

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

TABLE 58.—MISCELLANEOUS BEANS (DRY BEANS OTHER THAN EDIBLE)—FARMS REPORTING, 1919 AND 1909, AND ACREAGE, PRODUCTION, AND VALUE, 1899 TO 1919, BY STATES.

CROP AND STATE.	FARMS REPORTING.		ACREAGE.[1]			PRODUCTION (BUSHELS).			VALUE.		
	1919	1909	1919	1909	1899	1919	1909	1899	1919	1909	1899
United States			114,457	2,387	25,738	1,135,141	24,966	143,388	$4,576,121	$30,223	$134,084
Soy beans, total	31,124	339	112,826	1,629		1,084,813	16,835		4,450,099	20,577	
Maine	405		314			2,096			8,384		
New Hampshire	137		112			801			2,723		
Vermont	97		90			639			2,556		
Massachusetts	71	1	63	2		573	53		2,292	162	
Rhode Island	12		13			156			624		
Connecticut	30		25			260			1,172		
New York	906	1	1,387	1		16,556	5		86,926	10	
New Jersey	43		153			1,886			9,904		
Pennsylvania	1,107		1,118			11,374			65,971		
Ohio	735	9	1,753	33		17,441	424		100,297	843	
Indiana	684		2,807			23,010			132,316		
Illinois	485		3,288			23,812			123,820		
Michigan	1,439		6,257			78,515			384,726		
Wisconsin	892		1,942			16,838			92,626		
Minnesota	417		331			2,909			16,013		
Iowa	206		471			3,098			17,056		
Missouri	732		2,682			18,315			94,329		
North Dakota	16		37			110			493		
Nebraska	62		163			1,184			5,332		
Kansas	43		155			1,160			4,640		
Delaware	57		371			3,561			16,737		
Maryland	272		1,124			11,572			61,332		
Virginia	2,963	6	10,283	29		111,353	415		517,794	695	
West Virginia	666		1,152			7,871			45,266		
North Carolina	9,721	264	47,041	1,249		498,048	13,313		1,743,194	14,141	
South Carolina	218	1	700	1		7,087	12		26,223	36	
Georgia	590	1	1,612	2		12,602	40		47,272	40	
Florida	29		79			993			3,478		
Kentucky	811	6	1,532	8		11,178	27		54,216	53	
Tennessee	2,362	41	7,649	256		49,731	2,037		236,235	3,387	
Alabama	1,720		3,928	29		38,690	219		135,430	494	
Mississippi	850	6	3,420	15		24,839	152		95,637	378	
Arkansas	497		1,207			7,770			32,633		
Louisiana	138	2	449	3		4,443	133		15,557	333	
Oklahoma	163		291			2,968			14,840		
Texas	452	1	913	1		7,084	5		24,088	5	
Montana	31		132			831			3,492		
Idaho	42		460			3,951			15,409		
Wyoming	17		23			97			340		
Colorado	152		1,126			4,882			17,574		
New Mexico	725		5,838			52,190			182,669		
Arizona	34		113			1,169			4,093		
Utah	38		51			562			2,248		
Washington	23		45			295			885		
Oregon	25		126			313			1,252		
Castor beans, total	12	46	133	565	25,738	428	2,077	143,388	963	3,432	134,084
Illinois					2,688			15,695			16,139
Missouri					5,622			31,966			31,177
Kansas					3,338			18,108			17,391
North Carolina		6		5			15			30	
South Carolina	2		4			39			88		
Florida	10		129			389			875		
Oklahoma[2]		40		560	14,070		2,062	77,409		3,402	69,047
All other states					20			210			330
Horse beans, total	118	67	1,459	150		49,694	5,534		124,235	5,659	
California	118	67	1,459	150		49,694	5,534		124,235	5,659	
Other beans, total	11	5	39	43		206	520		824	555	
Virginia		5		43			520			555	
Colorado	11		39			206			824		

[1] A considerable part of the acreage in the Southern states is probably a duplication of other crop acreage.

[2] Figures for 1899 include Indian Territory.

Miscellaneous beans.—Table 58 shows the acreage, production, and value of miscellaneous beans, comprising dry beans other than the edible varieties. The total of 114,457 acres reported for 1919 included 112,826 acres of soy beans, 133 acres of castor beans, 1,459 acres of horse beans, and 39 acres of other beans. Velvet beans are not included in this classification, but the acreage is shown separately in Table 73.

Dry peas.—The acreage of dry peas harvested in the United States in 1919 was 865,670, and the production was 5,742,626 bushels, as compared with 1,305,099 acres, producing 7,129,294 bushels, in 1909. The value of the crop in 1919 was $20,790,541.

A summary of the available census data with regard to the production of dry peas in the United States, beginning with 1899, is given in Table 59. The principal data are also given, by divisions and states, in Tables 60 and 61.

TABLE 59.—DRY PEAS—SUMMARY FOR THE UNITED STATES: 1899 TO 1919.

[Figures for divisions and states in Tables 60 and 61.]

ITEM.	1919	1909	1899
Number of farms reporting	210,245	261,231	417,864
Per cent of all farms	3.3	4.1	7.3
Acreage	865,670	1,305,099	968,370
Increase over preceding census[1]	−439,429	336,729	
Per cent of increase[1]	−33.7	34.8	
Average per farm reporting	4.1	5.0	2.3
Per cent that acreage in dry peas formed of—			
Total improved acreage	0.2	0.3	0.2
Total reported crop acreage	0.2	0.4	0.3
Production (bushels)	5,742,626	7,129,294	9,440,210
Increase over preceding census[1]	−1,386,668	−2,310,916	
Per cent of increase[1]	−19.5	−24.5	
Average yield per acre	6.6	5.5	9.7
Value	$20,790,541	$10,963,739	$7,908,966
Increase over preceding census	$9,826,802	$3,054,773	
Per cent of increase	89.6	38.6	
Average per bushel	$3.62	$1.54	$0.84
Average per acre	$24.02	$8.40	$8.17
Per cent that value of dry peas formed of total value of all crops	0.1	0.2	0.3

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

TABLE 60.—DRY PEAS—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[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.		ACREAGE.[1]					PRODUCTION (BUSHELS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909
United States	210,245	261,231	865,670	1,305,099	—439,429	—33.7	968,370	5,742,626	7,129,294	—1,386,668	—19.5	9,440,210	$20,790,541	$10,963,739
GEOGRAPHIC DIVISIONS:														
New England	542	1,488	467	824	—357	—43.3	3,050	5,705	7,784	—2,079	—26.7	48,130	27,654	15,348
Middle Atlantic	932	1,832	3,031	4,185	—1,154	—27.6	15,275	39,795	73,358	—33,563	—45.8	259,058	168,222	121,369
East North Central	24,661	40,396	119,788	227,430	—107,642	—47.3	154,216	1,348,251	2,603,773	—1,255,522	—48.2	2,351,514	4,229,755	3,396,025
West North Central	2,179	4,507	9,956	27,635	—17,679	—64.0	7,943	55,512	154,873	—99,361	—64.2	96,144	259,686	241,082
South Atlantic	92,118	118,172	351,857	667,705	—315,848	—47.3	440,378	1,561,085	2,242,244	—681,159	—30.4	3,568,991	6,371,230	3,805,792
East South Central	57,105	58,833	176,833	203,229	—26,396	—13.0	251,851	835,506	882,471	—46,965	—5.3	2,099,677	3,206,495	1,560,726
West South Central	25,396	32,059	84,925	138,902	—53,977	—38.9	81,033	470,751	678,746	—207,995	—30.6	730,703	1,835,708	1,095,149
Mountain	5,045	2,612	66,949	28,598	38,351	134.1	7,733	798,844	328,201	470,643	143.4	114,180	2,686,534	495,132
Pacific	2,267	1,332	51,864	6,591	45,273	686.9	6,891	627,177	157,844	469,333	297.3	171,813	2,005,257	283,116
NEW ENGLAND:														
Maine	292	1,039	243	537	—294	—54.7	2,300	3,034	4,963	—1,929	—38.9	35,991	15,170	10,134
New Hampshire	82	234	53	122	—69	—56.6	146	472	934	—462	—49.5	1,533	2,549	1,955
Vermont	111	121	120	127	—7	—5.5	408	1,767	1,262	505	40.0	6,945	7,775	2,092
Massachusetts	37	58	21	30	—9	.....	122	215	480	—265	—55.2	2,259	1,075	944
Rhode Island	6	18	23	4	19	.....	45	145	73	72	.....	940	725	102
Connecticut	14	18	7	4	3	.....	29	72	72	.....	.....	462	360	121
MIDDLE ATLANTIC:														
New York	879	1,661	2,876	4,007	—1,131	—28.2	14,748	38,336	71,486	—33,150	—46.4	251,889	161,011	117,559
New Jersey	26	43	112	91	21	.....	45	1,043	883	160	18.1	806	5,215	1,711
Pennsylvania	27	128	43	87	—44	.....	482	416	989	—573	—57.9	6,363	1,996	2,100
EAST NORTH CENTRAL:														
Ohio	138	132	627	323	304	94.1	506	11,254	3,041	8,213	270.1	7,521	53,462	5,298
Indiana	960	1,652	5,775	13,082	—7,307	—55.9	533	29,405	88,254	—58,849	—66.7	7,357	132,333	133,996
Illinois	1,972	4,534	15,958	41,076	—25,118	—61.2	12,982	71,285	185,020	—113,735	—61.5	103,386	335,039	273,373
Michigan	9,225	18,128	38,874	94,932	—56,058	—59.1	71,376	454,639	1,162,403	—707,764	—60.9	1,134,431	1,363,917	1,337,430
Wisconsin	12,366	15,950	58,554	78,017	—19,463	—24.9	68,819	781,668	1,165,055	—383,387	—32.9	1,098,819	2,345,004	1,645,928
WEST NORTH CENTRAL:														
Minnesota	526	530	925	835	90	10.8	670	10,493	14,964	—4,471	—29.9	9,021	47,230	18,384
Iowa	72	183	209	731	—522	—71.4	1,556	3,316	9,007	—5,691	—63.2	27,606	16,580	11,669
Missouri	1,480	3,462	8,409	23,036	—14,627	—63.5	5,319	38,426	109,357	—70,931	—64.9	54,763	182,535	180,391
North Dakota	18	103	144	399	—255	—63.9	84	1,088	5,543	—4,455	—80.4	710	4,027	8,368
South Dakota	24	89	135	1,783	—1,648	—92.4	37	1,280	10,598	—9,318	—87.9	452	5,762	11,223
Nebraska	4	26	11	26	—15	.....	126	30	169	—139	—82.2	1,586	120	308
Kansas	55	114	123	825	—702	—85.1	151	879	5,235	—4,356	—83.2	2,006	3,432	10,739
SOUTH ATLANTIC:														
Delaware	291	523	1,256	1,615	—359	—22.2	518	10,667	12,521	—1,854	—14.8	4,650	53,335	25,278
Maryland	387	350	1,418	742	676	91.1	947	12,061	5,603	6,458	115.3	12,459	50,652	11,143
Dist. of Columbia	7	.....	8	.....	8	.....	.....	88	.....	88	.....	.....	405	.....
Virginia	6,009	4,462	18,446	12,091	6,355	52.6	22,206	115,067	66,488	48,579	73.1	219,142	489,045	127,211
West Virginia	158	93	345	232	113	48.7	323	2,404	1,490	914	61.3	3,613	13,231	3,312
North Carolina	20,619	39,726	49,513	169,934	—120,421	—70.9	88,407	258,829	651,567	—392,738	—60.3	876,167	1,035,316	1,024,228
South Carolina	33,919	35,660	136,303	265,632	—129,329	—48.7	143,070	599,245	711,853	—112,608	—15.8	1,162,705	2,426,944	1,311,454
Georgia	28,921	34,716	138,481	210,315	—71,834	—34.2	167,032	513,990	736,009	—222,019	—30.2	1,130,441	2,107,366	1,204,783
Florida	1,807	2,642	6,087	7,144	—1,057	—14.8	17,875	48,734	56,713	—7,979	—14.1	159,814	194,936	98,383
EAST SOUTH CENTRAL:														
Kentucky	1,139	1,732	3,885	8,465	—4,580	—54.1	8,394	22,763	44,772	—22,009	—49.2	83,089	104,709	84,514
Tennessee	6,579	10,175	17,133	36,640	—19,507	—53.2	82,841	82,677	133,924	—51,247	—38.3	760,663	363,776	245,434
Alabama	32,435	26,905	96,582	85,034	11,548	13.6	91,126	486,126	418,007	68,119	16.3	665,388	1,750,050	660,270
Mississippi	16,952	20,021	59,233	73,090	—13,857	—19.0	69,490	243,940	285,768	—41,828	—14.6	590,537	987,960	570,503
WEST SOUTH CENTRAL:														
Arkansas	9,442	13,821	26,107	52,730	—26,623	—50.5	31,414	119,369	229,444	—110,075	—48.0	245,894	519,258	376,076
Louisiana	5,993	6,330	22,230	33,150	—10,920	—32.9	15,190	104,469	161,659	—57,190	—35.4	146,298	438,769	252,362
Oklahoma[2]	1,427	1,612	4,064	6,245	—2,181	—34.9	455	26,925	33,282	—6,357	—19.1	5,049	107,700	63,857
Texas	8,534	10,296	32,524	46,777	—14,253	—30.5	33,974	219,988	254,361	—34,373	—13.5	333,462	769,981	402,854
MOUNTAIN:														
Montana	620	180	14,864	1,184	13,680	.....	1,512	166,551	21,670	144,881	668.6	32,265	516,310	37,757
Idaho	989	59	17,635	234	17,401	.....	170	251,450	4,875	246,575	.....	2,506	1,181,818	9,160
Wyoming	9	18	83	326	—243	—74.5	13	710	9,231	—8,521	—92.3	232	2,272	9,552
Colorado	1,306	832	27,798	24,230	3,568	14.7	3,621	295,751	258,281	37,470	14.5	47,461	739,389	397,540
New Mexico	1,917	1,453	5,750	2,485	3,265	131.4	2,220	70,013	30,829	39,184	127.1	28,071	175,037	35,077
Arizona	33	15	272	13	259	.....	50	1,430	93	1,337	.....	866	5,720	293
Utah	171	55	547	126	421	334.1	143	12,939	3,222	9,717	301.6	2,694	65,988	5,753
Nevada	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	85	.....	.....
PACIFIC:														
Washington	1,812	915	30,832	3,196	27,636	864.7	3,573	442,620	91,032	351,588	386.2	91,899	1,349,991	116,065
Oregon	47	155	139	436	—297	—68.1	1,304	1,778	9,344	—7,566	—81.0	22,615	6,402	16,035
California	408	262	20,893	2,959	17,934	606.1	2,014	182,779	57,468	125,311	218.1	57,299	648,864	101,016

[1] A considerable part of the acreage in the Southern states is probably a duplication of other crop acreage.

[2] Figures for 1899 include Indian Territory.

TABLE 61.—DRY PEAS—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1899 TO 1919.

[All percentages and averages based on Table 60. See footnotes on that table.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		AVERAGE ACREAGE PER FARM REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.			AVERAGE YIELD PER ACRE (BUSHELS).			AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919.	PER CENT DISTRIBUTION OF PRODUCTION.		
	1919	1909	1919	1909	1919	1909	1899	1919	1909	1899	1919	1909		1919	1909	1899
United States	3.3	4.1	4.1	5.0	0.2	0.3	0.2	6.6	5.5	9.7	$3.62	$1.54	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																
New England	0.3	0.8	0.8	0.6	(1)	(1)	(1)	12.2	9.4	15.8	4.85	1.97	0.05	0.10	0.11	0.51
Middle Atlantic	0.2	0.4	3.3	2.3	(1)	(1)	(1)	13.1	17.5	17.0	4.23	1.65	0.35	0.69	1.03	2.74
East North Central	2.3	3.6	4.9	5.6	0.1	0.3	0.2	11.3	11.4	15.2	3.14	1.30	13.84	23.48	36.52	24.91
West North Central	0.2	0.4	4.6	6.1	(1)	(1)	(1)	5.6	5.6	12.1	4.68	1.56	1.15	0.97	2.17	1.02
South Atlantic	7.9	10.6	3.8	5.7	0.7	1.4	1.0	4.4	3.4	8.1	4.08	1.70	40.65	27.18	31.45	37.81
East South Central	5.4	5.6	3.1	3.5	0.4	0.5	0.6	4.7	4.3	8.3	3.84	1.77	20.43	14.55	12.38	22.24
West South Central	2.5	3.4	3.3	4.3	0.1	0.2	0.2	5.5	4.9	9.0	3.90	1.61	9.81	8.20	9.52	7.74
Mountain	2.1	1.4	13.3	10.9	0.2	0.2	0.1	11.9	11.5	14.8	3.36	1.51	7.73	13.01	4.60	1.21
Pacific	1.0	0.7	22.9	4.9	0.2	(1)	(1)	12.1	23.9	24.9	3.20	1.48	5.99	10.92	2.21	1.82
NEW ENGLAND:																
Maine	0.6	1.7	0.8	0.5	(1)	(1)	0.1	12.5	9.2	15.6	5.00	2.04	0.03	0.05	0.07	0.38
New Hampshire	0.4	0.9	0.6	0.5	(1)	(1)	(1)	8.9	7.7	10.5	5.40	2.09	0.01	0.01	0.01	0.02
Vermont	0.4	0.4	1.1	1.0	(1)	(1)	(1)	14.7	9.9	17.0	4.40	1.66	0.01	0.03	0.02	0.07
Massachusetts	0.1	0.2	0.6	0.5	(1)	(1)	(1)	10.2	16.0	18.5	5.00	1.97	(2)	(2)	0.01	0.02
Rhode Island	0.1	0.3	3.8	0.2	(1)	(1)	(1)	6.3	18.2	20.9	5.00	1.40	(2)	(2)	(2)	0.01
Connecticut	0.1	0.1	0.5	0.2	(1)	(1)	(1)	10.3	18.0	15.9	5.00	1.68	(2)	(2)	(2)	(2)
MIDDLE ATLANTIC:																
New York	0.5	0.8	3.3	2.4	(1)	(1)	0.1	13.3	17.8	17.1	4.20	1.64	0.33	0.67	1.00	2.67
New Jersey	0.1	0.1	4.3	2.1	(1)	(1)	(1)	9.3	9.7	17.9	5.00	1.94	0.01	0.02	0.01	0.01
Pennsylvania	(1)	0.1	1.6	0.7	(1)	(1)	(1)	9.7	11.4	13.2	4.80	2.12	(2)	0.01	0.01	0.07
EAST NORTH CENTRAL:																
Ohio	0.1	(1)	4.5	2.4	(1)	(1)	(1)	17.9	9.4	14.9	4.75	1.74	0.07	0.20	0.04	0.08
Indiana	0.5	0.8	6.0	7.9	(1)	0.1	(1)	5.1	6.7	13.8	4.50	1.52	0.67	0.51	1.24	0.08
Illinois	0.8	1.8	8.1	9.1	0.1	0.1	(1)	4.5	4.5	8.0	4.70	1.48	1.84	1.24	2.60	1.10
Michigan	4.7	8.8	4.2	5.2	0.3	0.7	0.6	11.7	12.2	15.9	3.00	1.15	4.49	7.92	16.30	12.02
Wisconsin	6.5	9.0	4.7	4.9	0.5	0.7	0.6	13.3	14.9	16.0	3.00	1.41	6.76	13.61	16.34	11.64
WEST NORTH CENTRAL:																
Minnesota	0.3	0.3	1.8	1.6	(1)	(1)	(1)	11.3	17.9	13.5	4.50	1.23	0.11	0.18	0.21	0.10
Iowa	(1)	0.1	2.9	4.0	(1)	(1)	(1)	15.9	12.3	17.7	5.00	1.30	0.02	0.06	0.13	0.29
Missouri	0.6	1.2	5.7	6.7	(1)	0.1	(1)	4.6	4.7	10.3	4.75	1.65	0.97	0.67	1.53	0.58
North Dakota	(1)	0.1	8.0	3.9	(1)	(1)	(1)	7.6	13.9	8.5	3.70	1.51	0.02	0.02	0.08	0.01
South Dakota	(1)	0.1	5.6	20.0	(1)	(1)	(1)	9.5	5.9	12.2	4.50	1.06	0.02	0.02	0.15	(2)
Nebraska	(1)	(1)	2.8	1.0	(1)	(1)	(1)	2.7	6.5	12.6	4.00	1.82	(2)	(2)	(2)	0.02
Kansas	(1)	0.1	2.2	7.2	(1)	(1)	(1)	7.1	6.3	13.3	3.90	2.05	0.01	0.02	0.07	0.02
SOUTH ATLANTIC:																
Delaware	2.9	4.8	4.3	3.1	0.2	0.2	0.1	8.5	7.8	9.0	5.00	2.02	0.15	0.19	0.18	0.05
Maryland	0.8	0.7	3.7	2.1	(1)	(1)	(1)	8.5	7.6	13.2	4.20	1.99	0.16	0.21	0.08	0.13
District of Columbia	3.4	.....	1.1	.....	0.2	.....	.....	11.0	.....	.....	4.60	.....	(2)	(2)	.....	.....
Virginia	3.2	2.4	3.1	2.7	0.2	0.1	0.2	6.2	5.5	9.9	4.25	1.91	2.13	2.00	0.93	2.32
West Virginia	0.2	0.1	2.2	2.5	(1)	(1)	(1)	7.0	6.4	11.2	5.50	2.22	0.04	0.04	0.02	0.04
North Carolina	7.6	15.7	2.4	4.3	0.6	1.9	1.1	5.2	3.8	9.9	4.00	1.57	5.72	4.51	9.14	9.28
South Carolina	17.6	20.2	4.0	7.4	2.2	4.4	2.5	4.4	2.7	8.1	4.05	1.84	15.75	10.44	9.98	12.32
Georgia	9.3	11.9	4.8	6.1	1.1	1.7	1.6	3.7	3.5	6.8	4.10	1.64	16.00	8.95	10.32	11.97
Florida	3.3	5.3	3.4	2.7	0.3	0.4	1.2	8.0	7.9	8.9	4.00	1.73	0.70	0.85	0.80	1.69
EAST SOUTH CENTRAL:																
Kentucky	0.4	0.7	3.4	4.9	(1)	0.1	0.1	5.9	5.3	9.9	4.60	1.89	0.45	0.40	0.63	0.88
Tennessee	2.6	4.1	2.6	3.6	0.2	0.3	0.8	4.8	3.7	9.2	4.40	1.83	1.98	1.44	1.88	8.06
Alabama	12.7	10.2	3.0	3.2	1.0	0.9	1.1	5.0	4.9	7.3	3.60	1.58	11.16	8.47	5.86	7.05
Mississippi	6.2	7.3	3.5	3.7	0.6	0.8	0.9	4.1	3.9	8.5	4.05	2.00	6.84	4.25	4.01	6.26
WEST SOUTH CENTRAL:																
Arkansas	4.1	6.4	2.8	3.8	0.3	0.7	0.5	4.6	4.4	7.8	4.35	1.64	3.02	2.08	3.22	2.60
Louisiana	4.4	5.3	3.7	5.2	0.4	0.6	0.3	4.7	4.9	9.6	4.20	1.56	2.57	1.82	2.27	1.55
Oklahoma	0.7	0.8	2.8	3.9	(1)	(1)	(1)	6.6	5.3	11.1	4.00	1.92	0.47	0.47	0.47	0.05
Texas	2.0	2.5	3.8	4.5	0.1	0.2	0.2	6.8	5.4	9.8	3.50	1.58	3.76	3.83	3.57	3.53
MOUNTAIN:																
Montana	1.1	0.7	24.0	6.6	0.1	(1)	0.1	11.2	18.3	21.3	3.10	1.74	1.72	2.90	0.30	0.34
Idaho	2.3	0.2	17.8	4.0	0.4	(1)	(1)	14.3	20.8	14.7	4.70	1.88	2.04	4.38	0.07	0.03
Wyoming	0.1	0.2	9.2	18.1	(1)	(1)	(1)	8.6	28.3	17.8	3.20	1.03	0.01	0.01	0.13	(2)
Colorado	2.2	1.8	21.3	29.1	0.4	0.6	0.2	10.6	10.7	13.1	2.50	1.54	3.21	5.15	3.62	0.50
New Mexico	6.4	4.1	3.0	1.7	0.3	0.2	0.7	12.2	12.4	12.6	2.50	1.14	0.66	1.22	0.43	0.30
Arizona	0.3	0.2	8.2	0.9	(1)	(1)	(1)	5.3	7.2	17.3	4.00	3.15	0.03	0.02	(2)	0.01
Utah	0.7	0.3	3.2	2.3	(1)	(1)	(1)	23.7	25.6	18.8	5.10	1.79	0.06	0.23	0.05	0.03
Nevada	.....	.....	.....	.....	.....	.....	(1)	.....	.....	21.3	.....	.....	.....	.....	.....	(2)
PACIFIC:																
Washington	2.7	1.6	17.0	3.5	0.4	0.1	0.1	14.4	28.5	25.7	3.05	1.27	3.56	7.71	1.28	0.97
Oregon	0.1	0.3	3.0	2.8	(1)	(1)	(1)	12.8	21.4	17.3	3.60	1.72	0.02	0.03	0.13	0.24
California	0.3	0.3	51.2	11.3	0.2	(1)	(1)	8.7	19.4	28.5	3.55	1.76	2.41	3.18	0.81	0.61

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

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

Peanuts.—The acreage of peanuts harvested in the United States in 1919 was 1,125,100, and the production was 27,449,930 bushels, as compared with 869,887 acres, producing 19,415,816 bushels, in 1909. The value of the crop in 1919 was $62,751,701. The figures given above do not include the acreage of peanuts cut for hay, which appears with the hay and forage crops, forming a part of the group designated "Annual legumes cut for hay," nor the acreage of peanuts "hogged off," which forms a part of the total shown elsewhere for crops harvested in this manner. On many farms a part of the peanut area was regularly harvested and a part was cut for hay.

A summary of the available census data with regard to the production of peanuts in the United States, beginning with 1899, is given in Table 62. The principal data are also given, by divisions and states, in Tables 63 and 64.

TABLE 62.—PEANUTS—SUMMARY FOR THE UNITED STATES: 1899 TO 1919.

[Figures for divisions and states in Tables 63 and 64.]

ITEM.	1919	1909	1899
Number of farms reporting	230,380	219,003	133,909
Per cent of all farms	3.6	3.4	2.3
Acreage	1,125,100	869,887	516,654
Increase over preceding census	255,213	353,233	312,708
Per cent of increase	29.3	68.4	153.3
Average per farm reporting	4.9	4.0	3.9
Per cent that acreage in peanuts formed of—			
Total improved acreage	0.2	0.2	0.1
Total reported crop acreage	0.3	0.3	0.2
Production (bushels)	27,449,930	19,415,816	11,964,109
Increase over preceding census	8,034,114	7,451,707	8,375,966
Per cent of increase	41.4	62.3	233.4
Average yield per acre	24.4	22.3	23.2
Value	$62,751,701	$18,271,929	$7,270,515
Increase over preceding census	$44,479,772	$11,001,414	.....
Per cent of increase	243.4	151.3	.....
Average per bushel	$2.29	$0.94	$0.61
Average per acre	$55.77	$21.00	$14.07
Per cent that value of peanuts formed of total value of all crops	0.4	0.3	0.3

TABLE 63.—PEANUTS—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[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.		ACREAGE.					PRODUCTION (BUSHELS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909
United States	230,380	219,003	1,125,100	869,887	255,213	29.3	516,654	27,449,930	19,415,816	8,034,114	41.4	11,964,109	$62,751,701	$18,271,929
GEOGRAPHIC DIVISIONS:														
New England	10	9	2	(1)	2	.....	1	61	24	37	.....	27	171	48
Middle Atlantic	20	14	23	7	16	.....	2	926	152	774	509.2	84	2,776	198
East North Central	127	340	40	261	—221	—84.7	61	1,099	4,503	—3,404	—75.6	1,098	3,300	5,005
West North Central	552	1,032	281	203	78	38.4	514	3,186	5,845	—2,659	—45.5	11,543	9,716	7,380
South Atlantic	88,212	102,128	545,609	634,436	—88,827	—14.0	389,993	17,024,604	15,305,253	1,719,351	11.2	9,709,563	39,901,293	14,341,058
East South Central	81,328	64,960	359,341	133,637	225,704	168.9	104,357	6,795,308	2,407,562	4,387,746	182.2	1,866,519	14,279,985	2,196,522
West South Central	59,779	50,291	219,008	101,103	117,905	116.6	21,279	3,600,652	1,687,523	1,913,129	113.4	359,238	8,486,114	1,715,690
Mountain	191	184	280	138	142	102.9	13	7,148	1,757	5,391	306.8	536	19,201	2,843
Pacific	161	45	516	102	414	405.9	434	16,946	3,197	13,749	430.1	15,501	49,145	3,185
NEW ENGLAND:														
Maine	.....	1	.....	(1)	.....	.....	1	.....	5	—5	.....	22	.....	15
New Hampshire	1	2	(1)	(1)	.....	.....	(1)	1	3	—2	.....	2	3	7
Vermont	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	9	3	2	(1)	2	.....	(1)	60	12	48	.....	3	168	13
Rhode Island	.....	3	.....	(1)	.....	.....	.....	.....	4	—4	.....	.....	.....	13
Connecticut	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MIDDLE ATLANTIC:														
New York	16	4	23	6	17	.....	.....	912	132	780	590.9	.....	2,736	163
New Jersey	4	8	(1)	1	—1	.....	(1)	14	16	—2	.....	7	40	27
Pennsylvania	.....	2	.....	(1)	.....	.....	2	.....	4	—4	.....	77	.....	8
EAST NORTH CENTRAL:														
Ohio	40	11	18	(1)	18	.....	1	627	31	596	.....	20	2,007	49
Indiana	36	43	5	18	—13	.....	11	127	624	—497	—79.6	199	422	692
Illinois	51	230	17	109	—92	—84.4	49	345	1,792	—1,447	—80.7	879	871	2,111
Michigan	.....	25	.....	64	—64	.....	.....	.....	1,111	—1,111	.....	.....	.....	1,089
Wisconsin	.....	31	.....	70	—70	.....	.....	.....	945	—945	.....	.....	.....	1,064
WEST NORTH CENTRAL:														
Minnesota	.....	7	.....	1	—1	.....	.....	.....	15	—15	.....	.....	.....	34
Iowa	20	21	(1)	13	—13	.....	7	71	359	—288	—80.2	127	200	296
Missouri	415	671	261	130	131	100.8	271	2,463	3,220	—757	—23.5	6,679	7,389	4,040
North Dakota	.....	2	.....	10	—10	.....	.....	.....	101	—101	.....	.....	.....	151
South Dakota	.....	6	.....	(1)	.....	.....	.....	.....	10	—10	.....	.....	.....	20
Nebraska	13	41	1	1	.....	.....	11	47	93	—46	.....	221	154	170
Kansas	104	284	19	48	—29	.....	225	605	2,047	—1,442	—70.4	4,516	1,973	2,669
SOUTH ATLANTIC:														
Delaware	9	10	(1)	25	—25	.....	2	35	202	—167	—82.7	23	98	196
Maryland	30	12	19	1	18	.....	7	501	30	471	.....	143	1,405	37
District of Columbia	2	.....	(1)	.....	.....	.....	.....	15	.....	15	.....	.....	42	.....
Virginia	12,728	12,927	133,162	145,213	—12,051	—8.3	116,914	5,865,127	4,284,340	1,580,787	36.9	3,713,347	13,196,543	4,239,832
West Virginia	13	21	(1)	(1)	.....	.....	11	91	64	27	.....	199	229	168
North Carolina	21,002	31,503	125,766	195,134	—69,368	—35.5	95,856	5,854,689	5,980,919	—126,230	—2.1	3,460,439	13,465,793	5,368,826
South Carolina	7,269	5,846	7,460	7,596	—136	—1.8	7,162	112,578	154,822	—42,244	—27.3	131,710	326,478	144,211
Georgia	37,994	32,590	201,786	160,317	41,469	25.9	100,589	3,826,505	2,569,787	1,256,718	48.9	1,435,775	9,566,301	2,440,926
Florida	9,165	19,219	77,416	126,150	—48,734	—38.6	69,452	1,365,063	2,315,089	—950,026	—41.0	967,927	3,344,404	2,146,862
EAST SOUTH CENTRAL:														
Kentucky	94	140	37	79	—42	.....	92	630	1,735	—1,105	—63.7	1,405	1,353	1,867
Tennessee	3,280	3,947	8,132	18,952	—10,820	—57.1	19,534	264,483	547,240	—282,757	—51.7	747,068	528,966	386,765
Alabama	58,828	37,702	334,239	100,609	233,630	232.2	78,878	6,288,594	1,573,796	4,714,798	299.6	1,021,708	13,206,050	1,490,654
Mississippi	19,126	23,171	16,933	13,997	2,936	21.0	5,853	241,601	284,791	—43,190	—15.2	95,738	543,616	317,236
WEST SOUTH CENTRAL:														
Arkansas	12,115	10,025	21,962	10,192	11,770	115.5	5,233	308,676	168,608	140,068	83.1	78,237	725,388	183,364
Louisiana	9,999	14,492	17,670	25,020	—7,350	—29.4	3,107	262,888	412,037	—149,149	—36.2	45,713	657,231	422,232
Oklahoma [2]	4,308	1,299	13,969	1,564	12,405	793.2	2,205	297,456	31,880	265,576	833.0	50,428	684,155	34,984
Texas	33,357	24,475	165,407	64,327	101,080	157.1	10,734	2,731,632	1,074,998	1,656,634	154.1	184,860	6,419,340	1,075,110
MOUNTAIN:														
Montana	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	.....	1	.....	1	—1	.....	.....	.....	20	—20	.....	.....	.....	25
Wyoming	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3	.....	.....
Colorado	9	3	1	2	—1	.....	5	42	7	35	.....	138	138	10
New Mexico	128	158	197	126	71	56.3	1	2,997	1,375	1,622	118.0	10	8,991	2,177
Arizona	52	20	82	9	73	.....	4	4,103	345	3,758	.....	234	10,053	608
Utah	2	2	(1)	(1)	.....	.....	2	6	10	—4	.....	151	19	23
Nevada	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
PACIFIC:														
Washington	.....	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	15	.....	.....
Oregon	.....	3	.....	3	—3	.....	1	.....	206	—206	.....	25	.....	296
California	161	42	516	99	417	.....	433	16,946	2,991	13,955	466.6	15,461	49,145	2,889

[1] Less than 1 acre.

[2] Figures for 1899 include Indian Territory.

TABLE 64.—PEANUTS—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1899 TO 1919.

[All percentages and averages based on Table 63. See footnotes on that table.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		AVERAGE ACREAGE PER FARM REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.			AVERAGE YIELD PER ACRE (BUSHELS).			AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.		
	1919	1909	1919	1909	1919	1909	1899	1919	1909	1899	1919	1909		1919	1909	1899
United States	3.6	3.4	4.9	4.0	0.2	0.2	0.1	24.4	22.3	23.2	$2.29	$0.94	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																
New England	(1)	(1)	0.2	(2)	(1)	(1)	(1)	30.5	(2)	27.0	2.80	2.00	(3)	(3)	(3)	(3)
Middle Atlantic	(1)	(1)	1.2	0.5	(1)	(1)	(1)	40.3	21.7	42.0	3.00	1.30	(3)	(3)	(3)	(3)
East North Central	(1)	(1)	0.3	0.8	(1)	(1)	(1)	27.5	17.3	18.0	3.00	1.11	(3)	(3)	0.02	0.01
West North Central	0.1	0.1	0.5	0.2	(1)	(1)	(1)	11.3	28.8	22.5	3.05	1.26	0.02	0.01	0.03	0.10
South Atlantic	7.6	9.2	6.2	6.2	1.1	1.3	0.8	31.2	24.1	24.9	2.34	0.94	48.49	62.02	78.83	81.16
East South Central	7.7	6.2	4.4	2.1	0.8	0.3	0.3	18.9	18.0	17.9	2.10	0.91	31.94	24.76	12.40	15.60
West South Central	6.0	5.3	3.7	2.0	0.3	0.2	0.1	16.4	16.7	16.9	2.36	1.02	19.47	13.12	8.69	3.00
Mountain	0.1	0.1	1.5	0.8	(1)	(1)	(1)	25.5	12.7	41.2	2.69	1.62	0.02	0.03	0.01	(3)
Pacific	0.1	(1)	3.2	2.3	(1)	(1)	(1)	32.8	31.3	35.7	2.90	1.00	0.05	0.06	0.02	0.13
NEW ENGLAND:																
Maine	.....	(1)	.....	(2)	.....	(1)	(1)	.....	(2)	22.0	.....	3.00	.....	.....	(3)	(3)
New Hampshire	(1)	(1)	(2)	(2)	(1)	(1)	(1)	(2)	(2)	(2)	3.00	2.33	(3)	(3)	(3)	(3)
Vermont	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts	(1)	(1)	0.2	(2)	(1)	(1)	(1)	30.0	(2)	(2)	2.80	1.08	(3)	(3)	(3)	(3)
Rhode Island	.....	(1)	.....	(2)	.....	(1)	.....	.....	(2)	.....	.....	3.25	.....	.....	(3)	.....
Connecticut	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MIDDLE ATLANTIC:																
New York	(1)	(1)	1.4	1.5	(1)	(1)	.....	39.7	22.0	.....	3.00	1.23	(3)	(3)	(3)	.....
New Jersey	(1)	(1)	(2)	0.1	(1)	(1)	(1)	(2)	16.0	(2)	2.86	1.69	(3)	(3)	(3)	(3)
Pennsylvania	.....	(1)	.....	(2)	.....	(1)	(1)	.....	(2)	38.5	.....	2.00	.....	.....	(3)	(3)
EAST NORTH CENTRAL:																
Ohio	(1)	(1)	0.5	(2)	(1)	(1)	(1)	34.8	(2)	20.0	3.20	1.58	(3)	(3)	(3)	(3)
Indiana	(1)	(1)	0.1	0.4	(1)	(1)	(1)	25.4	34.7	18.1	3.32	1.11	(3)	(3)	(3)	(3)
Illinois	(1)	0.1	0.3	0.5	(1)	(1)	(1)	20.3	16.4	17.9	2.52	1.18	(3)	(3)	0.01	0.01
Michigan	.....	(1)	.....	2.6	.....	(1)	.....	.....	17.4	.....	.....	0.98	.....	.....	0.01	.....
Wisconsin	.....	(1)	.....	2.3	.....	(1)	.....	.....	13.5	.....	.....	1.13	.....	.....	(3)	.....
WEST NORTH CENTRAL:																
Minnesota	.....	(1)	.....	0.1	.....	(1)	.....	.....	15.0	.....	.....	2.27	.....	.....	(3)	.....
Iowa	(1)	(1)	(2)	0.6	(1)	(1)	(1)	(2)	27.6	18.1	2.82	0.82	(3)	(3)	(3)	(3)
Missouri	0.2	0.2	0.6	0.2	(1)	(1)	(1)	9.4	24.8	24.6	3.00	1.25	0.02	0.01	0.02	0.06
North Dakota	.....	(1)	.....	5.0	.....	(1)	.....	.....	10.1	.....	.....	1.50	.....	.....	(3)	.....
South Dakota	.....	(1)	.....	(2)	.....	(1)	.....	.....	(2)	.....	.....	2.00	.....	.....	(3)	.....
Nebraska	(1)	(1)	0.1	(4)	(1)	(1)	(1)	47.0	93.0	20.1	3.28	1.83	(3)	(3)	(3)	(3)
Kansas	0.1	0.2	0.2	0.2	(1)	(1)	(1)	31.8	42.6	20.1	3.26	1.30	(3)	(3)	0.01	0.04
SOUTH ATLANTIC:																
Delaware	(1)	0.1	(2)	2.5	(1)	(1)	(1)	(2)	8.1	11.5	2.80	0.97	(3)	(3)	(3)	(3)
Maryland	0.1	(1)	0.6	0.1	(1)	(1)	(1)	26.4	30.0	20.4	2.80	1.23	(3)	(3)	(3)	(3)
District of Columbia	1.0	.....	(2)	.....	(1)	.....	.....	(2)	.....	.....	2.80	.....	(3)	(3)	.....	.....
Virginia	6.8	7.0	10.5	11.2	1.4	1.5	1.2	44.0	29.5	31.8	2.25	0.99	11.84	21.37	22.07	31.04
West Virginia	(1)	(1)	(2)	(2)	(1)	(1)	(1)	(2)	(2)	18.1	2.52	2.63	(3)	(3)	(3)	(3)
North Carolina	7.8	12.4	6.0	6.2	1.5	2.2	1.2	46.6	30.6	36.1	2.30	0.90	11.18	21.33	30.80	28.92
South Carolina	3.8	3.3	1.0	1.3	0.1	0.1	0.1	15.1	20.4	18.4	2.90	0.93	0.66	0.41	0.80	1.10
Georgia	12.2	11.2	5.3	4.9	1.5	1.3	0.9	19.0	16.0	14.3	2.50	0.95	17.93	13.94	13.24	12.00
Florida	17.0	38.4	8.4	6.6	3.4	7.0	4.6	17.6	18.4	13.9	2.45	0.93	6.88	4.97	11.92	8.09
EAST SOUTH CENTRAL:																
Kentucky	(1)	0.1	0.4	0.6	(1)	(1)	(1)	17.0	22.0	15.3	2.15	1.08	(3)	(3)	0.01	0.01
Tennessee	1.3	1.6	2.5	4.8	0.1	0.2	0.2	32.5	28.9	38.3	2.00	0.71	0.72	0.96	2.82	6.25
Alabama	23.0	14.3	5.7	2.7	3.4	1.0	0.9	18.8	15.6	13.0	2.10	0.95	29.71	22.91	8.11	8.54
Mississippi	7.0	8.4	0.9	0.6	0.2	0.2	0.1	14.3	20.3	16.4	2.25	1.11	1.51	0.88	1.47	0.80
WEST SOUTH CENTRAL:																
Arkansas	5.2	4.7	1.8	1.0	0.2	0.1	0.1	14.1	16.5	15.0	2.35	1.09	1.95	1.12	0.87	0.65
Louisiana	7.4	12.0	1.8	1.7	0.3	0.5	0.1	14.9	16.5	14.7	2.50	1.02	1.57	0.96	2.12	0.38
Oklahoma	2.2	0.7	3.2	1.2	0.1	(1)	(1)	21.3	20.4	22.9	2.30	1.10	1.24	1.08	0.16	0.42
Texas	7.7	5.9	5.0	2.6	0.5	0.2	0.1	16.5	16.7	17.2	2.35	1.00	14.70	9.95	5.54	1.55
MOUNTAIN:																
Montana	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	.....	(1)	.....	1.0	.....	(1)	.....	.....	20.0	.....	.....	1.25	.....	.....	(3)	.....
Wyoming	.....	.....	.....	.....	.....	.....	(1)	.....	.....	3.0	.....	.....	.....	.....	.....	(3)
Colorado	(1)	(1)	0.1	0.7	(1)	(1)	(1)	42.0	3.5	27.6	3.29	1.43	(3)	(3)	(3)	(3)
New Mexico	0.4	0.4	1.5	0.8	(1)	(1)	(1)	15.2	10.9	10.0	3.00	1.58	0.02	0.01	0.01	(3)
Arizona	0.5	0.2	1.6	0.6	(1)	(1)	(1)	50.0	38.3	58.5	2.45	1.76	0.01	0.01	(3)	(3)
Utah	(1)	(1)	(2)	(2)	(1)	(1)	(1)	(2)	(2)	75.5	3.17	2.30	(3)	(3)	(3)	(3)
Nevada	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
PACIFIC:																
Washington	.....	.....	.....	.....	.....	.....	(1)	.....	.....	(2)	.....	.....	.....	.....	.....	(3)
Oregon	.....	(1)	.....	1.0	.....	(1)	(1)	.....	68.7	25.0	.....	1.44	.....	.....	(3)	(3)
California	0.1	(1)	3.2	2.4	(1)	(1)	(1)	32.8	30.2	35.7	2.90	0.97	0.05	0.06	0.02	0.13

[1] Less than one-tenth of 1 per cent. [2] Less than 1 acre reported. [3] Less than one-hundredth of 1 per cent. [4] Less than one-tenth of 1 acre.

Flaxseed.—The acreage of flaxseed harvested in the United States in 1919 was 1,260,687, and the production was 6,653,200 bushels, as compared with 2,083,142 acres, producing 19,512,765 bushels, in 1909. The value of the crop in 1919 was $29,360,998. Flax is raised in the United States primarily for the seed, very little use being made of the fiber, which is the principal flax product in some of the other countries where this crop is grown.

A summary of the available census data with regard to the production of flaxseed in the United States, beginning with the production of 1879, is given in Table 65. The principal data are also given, by divisions and states, in Tables 66 and 67.

TABLE 65.—FLAXSEED—SUMMARY FOR THE UNITED STATES: 1879 TO 1919.

[Figures for divisions and states in Tables 66 and 67.]

ITEM.	1919	1909	1899	1889	1879
Number of farms reporting	53,058	77,184	88,306	.....	.....
Per cent of all farms	0.8	1.2	1.5	.....	.....
Acreage	1,260,687	2,083,142	2,110,517	1,318,698	.....
Increase over preceding census [1]	−822,455	−27,375	791,819	.....	.....
Per cent of increase [1]	−39.5	−1.3	60.0	.....	.....
Average per farm reporting	23.8	27.0	23.9	.....	.....
Per cent that acreage in flaxseed formed of—					
Total improved acreage	0.3	0.4	0.5	0.4	.....
Total reported crop acreage	0.4	0.7	0.7	.....	.....
Production (bushels)	6,653,200	19,512,765	19,979,492	10,250,410	7,170,951
Increase over preceding census [1]	−12,859,565	−466,727	9,729,082	3,079,459	.....
Per cent of increase [1]	−65.9	−2.3	94.9	42.9	.....
Average yield per acre	5.3	9.4	9.5	7.8	.....
Value	$29,360,998	$28,970,554	$19,624,901	.....	.....
Increase over preceding census	$390,444	$9,345,653	.....	.....	.....
Per cent of increase	1.3	47.6	.....	.....	.....
Average per bushel	$4.41	$1.48	$0.98	.....	.....
Average per acre	$23.29	$13.91	$9.30	.....	.....
Per cent that value of flaxseed formed of total value of all crops	0.2	0.6	0.7	.....	.....

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

TABLE 66.—FLAXSEED—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.					PRODUCTION (BUSHELS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per ct.	1899	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per ct.	1899	1919	1909
United States	53,058	77,184	1,260,687	2,083,142	—822,455	—39.5	2,110,517	6,653,200	19,512,765	—12,859,565	—65.9	19,979,492	$29,360,998	$28,970,554
GEOGRAPHIC DIVISIONS:														
New England	6	6	10	7	3		5	109	200	—91	—45.5	46	470	152
Middle Atlantic	89	141	108	130	—22	—16.9	234	902	1,108	—206	—18.6	2,034	3,626	2,312
East North Central	2,100	2,123	8,624	10,390	—1,766	—17.0	15,803	78,058	127,880	—49,822	—39.0	185,625	302,932	180,899
West North Central	47,528	73,426	1,121,180	2,029,168	—907,988	—44.7	2,070,034	6,241,444	18,901,292	—12,659,848	—67.0	19,612,049	27,575,104	28,061,938
South Atlantic	1	22	1	19	—18		17	14	216	—202	—93.5	116	60	291
East South Central	14	4	65	4	61		5	137	45	92		21	583	57
West South Central	7	49	184	1,414	—1,230	—87.0	3,659	930	12,165	—11,235	—92.4	21,158	3,255	17,849
Mountain	3,293	1,397	130,174	41,731	88,443	211.9	17,691	329,705	467,572	—137,867	—29.5	136,243	1,466,554	703,245
Pacific	20	16	341	279	62	22.2	3,069	1,901	2,287	—386	—16.9	22,200	8,414	3,811
NEW ENGLAND:														
Maine		1		(1)			2		6	—6		16		12
New Hampshire	1	3	2	4	—2			46	163	—117	—71.8		198	87
Vermont	5	1	8	2	6			63	25	38			272	38
Massachusetts														
Rhode Island														
Connecticut		1		1	—1		3		6	—6		30		15
MIDDLE ATLANTIC:														
New York	10	37	15	58	—43		159	70	400	—330	—82.5	1,350	298	837
New Jersey		1		(1)					4	—4				4
Pennsylvania	79	103	93	72	21		75	832	704	128	18.2	684	3,328	1,471
EAST NORTH CENTRAL:														
Ohio	38	120	76	552	—476	—86.2	3,092	699	4,809	—4,110	—85.5	29,821	2,656	6,307
Indiana	8	7	13	39	—26		171	32	179	—147	—82.1	1,394	100	245
Illinois	11	19	105	115	—10	—8.7	394	1,121	1,156	—35	—3.0	4,336	4,484	1,548
Michigan	181	187	1,297	261	1,036	396.9	883	13,627	2,943	10,684	363.0	9,309	42,247	4,951
Wisconsin	1,862	1,790	7,133	9,423	—2,290	—24.3	11,263	62,579	118,793	—56,214	—47.3	140,765	253,445	167,848
WEST NORTH CENTRAL:														
Minnesota	20,458	23,010	288,240	358,426	—70,186	—19.6	566,801	2,019,464	3,277,238	—1,257,774	—38.4	5,895,479	8,885,642	4,863,328
Iowa	747	1,361	9,646	15,549	—5,903	—38.0	126,453	61,007	140,906	—79,899	—56.7	1,413,380	262,334	182,569
Missouri	26	1,144	399	20,630	—20,231	—98.1	100,952	2,883	154,532	—151,649	—98.1	611,888	12,110	168,771
North Dakota	19,185	30,632	649,949	1,068,049	—418,100	—39.1	773,999	2,972,082	10,245,684	—7,273,602	—71.0	7,766,610	13,225,765	15,488,016
South Dakota	6,274	14,614	159,234	518,566	—359,332	—69.3	302,010	1,109,303	4,759,794	—3,650,491	—76.7	2,452,528	4,880,931	7,001,717
Nebraska	31	125	1,344	2,934	—1,590	—54.2	7,652	3,757	20,647	—16,890	—81.8	54,394	16,530	30,135
Kansas	807	2,540	12,368	45,014	—32,646	—72.5	192,167	72,948	302,491	—229,543	—75.9	1,417,770	291,792	327,402
SOUTH ATLANTIC:														
Delaware														
Maryland	1	1	1	1			3	14	4	10		50	60	5
Dist. of Columbia														
Virginia		8		13	—13		10		138	—138		50		162
West Virginia		7		(1)			2		28	—28		7		55
North Carolina		3		4	—4		2		19	—19		9		40
South Carolina		2		1	—1				19	—19				19
Georgia		1		(1)					8	—8				10
Florida														
EAST SOUTH CENTRAL:														
Kentucky		4		4	—4		3		45	—45		10		57
Tennessee	14		65		65		1	137		137		7	583	
Alabama							1					4		
Mississippi														
WEST SOUTH CENTRAL:														
Arkansas		1		(1)			40		2	—2		408		4
Louisiana		2		312	—312				2,215	—2,215				4,920
Oklahoma [2]	7	42	184	1,036	—852	—82.2	3,544	930	9,093	—8,163	—89.8	20,110	3,255	11,345
Texas		4		66	—66		75		855	—855		640		1,580
MOUNTAIN:														
Montana	3,244	1,208	128,851	37,647	91,204	242.3	16	325,838	447,484	—121,646	—27.2	220	1,449,982	676,945
Idaho	3	2	11	81	—70		17,239	57	608	—551	—90.6	134,180	242	916
Wyoming	37	65	1,212	1,110	102	9.2		3,136	5,983	—2,847	—47.6		13,485	7,858
Colorado	6	118	29	2,887	—2,858	—99.0	434	79	13,462	—13,383	—99.4	1,820	316	17,485
New Mexico		3		6	—6		1		34	—34		3		37
Arizona	1		1		1			17		17			72	
Utah	2	1	70	(1)	70		1	578	1	577		20	2,457	4
Nevada														
PACIFIC:														
Washington	4	1	91	1	90		149	286	14	272		850	1,144	20
Oregon	16	7	250	38	212		2,016	1,615	391	1,224	313.0	8,740	7,270	567
California		8		240	—240		904		1,882	—1,882		12,610		3,224

[1] Less than 1 acre.

[2] Figures for 1899 include Indian Territory.

TABLE 67.—FLAXSEED—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1899 TO 1919.

[All percentages and averages based on Table 66. See footnotes on that table.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		AVERAGE ACREAGE PER FARM REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.			AVERAGE YIELD PER ACRE (BUSHELS).			AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.		
	1919	1909	1919	1909	1919	1909	1899	1919	1909	1899	1919	1909		1919	1909	1899
United States	**0.8**	**1.2**	**23.8**	**27.0**	**0.3**	**0.4**	**0.5**	**5.3**	**9.4**	**9.5**	**$4.41**	**$1.48**	**100.0**	**100.0**	**100.0**	**100.0**
GEOGRAPHIC DIVISIONS:																
New England	(1)	(1)	1.7	1.2	(1)	(1)	(1)	10.9	28.6	9.2	4.31	0.76	(2)	(2)	(2)	(2)
Middle Atlantic	(1)	(1)	1.2	0.9	(1)	(1)	(1)	8.4	8.5	8.7	4.02	2.09	0.01	0.01	0.01	0.01
East North Central	0.2	0.2	4.1	4.9	(1)	(1)	(1)	9.1	12.3	11.7	3.88	1.41	0.68	1.17	0.66	0.93
West North Central	4.3	6.6	23.6	27.6	0.7	1.2	1.5	5.6	9.3	9.5	4.42	1.48	88.93	93.81	96.87	98.16
South Atlantic	(1)	(1)	1.0	0.9	(1)	(1)	(1)	14.0	11.4	6.8	4.29	1.35	(2)	(2)	(2)	(2)
East South Central	(1)	(1)	4.6	1.0	(1)	(1)	(1)	2.1	11.2	4.2	4.26	1.27	0.01	(2)	(2)	(2)
West South Central	(1)	(1)	26.3	28.9	(1)	(1)	(1)	5.1	8.6	5.8	3.50	1.47	0.01	0.01	0.05	0.11
Mountain	1.3	0.8	39.5	29.9	0.4	0.3	0.2	2.5	11.2	7.7	4.45	1.50	10.33	4.96	2.40	0.68
Pacific	(1)	(1)	17.1	17.4	(1)	(1)	(1)	5.6	8.2	7.2	4.43	1.67	0.03	0.03	0.01	0.11
NEW ENGLAND:																
Maine		(1)		(3)		(1)	(1)		(3)	8.0		2.00			(2)	(2)
New Hampshire	(1)	(1)	2.0	1.3	(1)	(1)		23.0	40.8		4.30	0.53	(2)	(2)	(2)	
Vermont	(1)	(1)	1.6	2.0	(1)	(1)		7.9	12.5		4.32	1.52	(2)	(2)	(2)	
Massachusetts																
Rhode Island																
Connecticut		(1)		1.0		(1)	(1)		6.0	10.0		2.50			(2)	(2)
MIDDLE ATLANTIC:																
New York	(1)	(1)	1.5	1.6	(1)	(1)	(1)	4.7	6.9	8.5	4.26	2.09	(2)	(2)	(2)	0.01
New Jersey		(1)		(3)		(1)			(3)			1.00			(2)	
Pennsylvania	(1)	(1)	1.2	0.7	(1)	(1)	(1)	8.9	9.8	9.1	4.00	2.09	0.01	0.01	(2)	(2)
EAST NORTH CENTRAL:																
Ohio	(1)	(1)	2.0	4.6	(1)	(1)	(1)	9.2	8.7	9.6	3.80	1.31	0.01	0.01	0.02	0.15
Indiana	(1)	(1)	1.6	5.6	(1)	(1)	(1)	2.5	4.6	8.2	3.13	1.37	(2)	(2)	(2)	0.01
Illinois	(1)	(1)	9.5	6.1	(1)	(1)	(1)	10.7	10.1	11.0	4.00	1.34	0.01	0.02	0.01	0.02
Michigan	0.1	0.1	7.2	1.4	(1)	(1)	(1)	10.5	11.3	10.5	3.10	1.68	0.10	0.20	0.02	0.05
Wisconsin	1.0	1.0	3.8	5.3	0.1	0.1	0.1	8.8	12.6	12.5	4.05	1.41	0.57	0.94	0.61	0.70
WEST NORTH CENTRAL:																
Minnesota	11.5	14.7	14.1	15.6	1.3	1.8	3.1	7.0	9.1	10.4	4.40	1.48	22.86	30.35	16.80	29.51
Iowa	0.3	0.6	12.9	11.4	(1)	0.1	0.4	6.3	9.1	11.2	4.30	1.30	0.77	0.92	0.72	7.07
Missouri	(1)	0.4	15.3	18.0	(1)	0.1	0.4	7.2	7.5	6.1	4.20	1.09	0.03	0.04	0.79	3.06
North Dakota	24.7	41.2	33.9	34.9	2.6	5.2	8.0	4.6	9.6	10.0	4.45	1.51	51.56	44.67	52.51	38.87
South Dakota	8.4	18.8	25.4	35.5	0.9	3.3	2.7	7.0	9.2	8.1	4.40	1.47	12.63	16.67	24.39	12.28
Nebraska	(1)	0.1	43.4	23.5	(1)	(1)	(1)	2.8	7.0	7.1	4.40	1.46	0.11	0.06	0.11	0.27
Kansas	0.5	1.4	15.3	17.7	(1)	0.2	0.8	5.9	6.7	7.4	4.00	1.08	0.98	1.10	1.55	7.10
SOUTH ATLANTIC:																
Delaware																
Maryland	(1)	(1)	1.0	1.0	(1)	(1)	(1)	14.0	4.0	16.7	4.29	1.25	(2)	(2)	(2)	(2)
District of Columbia																
Virginia		(1)		1.6		(1)	(1)		10.6	5.0		1.17			(2)	(2)
West Virginia		(1)		(3)		(1)	(1)		(3)	3.5		1.96			(2)	(2)
North Carolina		(1)		1.3		(1)	(1)		4.8	4.5		2.11			(2)	(2)
South Carolina		(1)		0.5		(1)			19.0			1.00			(2)	
Georgia		(1)		(3)		(1)			(3)			1.25			(2)	
Florida																
EAST SOUTH CENTRAL:																
Kentucky		(1)		1.0		(1)	(1)		11.2	3.3		1.27			(2)	(2)
Tennessee	(1)		4.6		(1)		(1)	2.1		7.0	4.26		0.01	(2)		(2)
Alabama							(1)			4.0						(2)
Mississippi																
WEST SOUTH CENTRAL:																
Arkansas		(1)		(3)		(1)	(1)		(3)	10.2		2.00			(2)	(2)
Louisiana		(1)		156.0		(1)			7.1			2.22			0.01	
Oklahoma	(1)	(1)	26.3	24.7	(1)	(1)	(1)	5.1	8.8	5.7	3.50	1.25	0.01	0.01	0.05	0.10
Texas		(1)		16.5		(1)	(1)		13.0	8.5		1.85			(2)	(2)
MOUNTAIN:																
Montana	5.6	4.6	39.7	31.2	1.2	1.0	(1)	2.5	11.9	13.8	4.45	1.51	10.22	4.90	2.29	(2)
Idaho	(1)	(1)	3.7	40.5	(1)	(1)	1.2	5.2	7.5	7.8	4.25	1.51	(2)	(2)	(2)	0.67
Wyoming	0.2	0.6	32.8	17.1	0.1	0.1		2.6	5.4		4.30	1.31	0.10	0.05	0.03	
Colorado	(1)	0.3	4.8	24.5	(1)	0.1	(1)	2.7	4.7	4.2	4.00	1.30	(2)	(2)	0.07	0.01
New Mexico		(1)		2.0		(1)	(1)		5.7	3.0		1.09			(2)	(2)
Arizona	(1)		1.0		(1)			17.0			4.24		(2)	(2)		
Utah	(1)	(1)	35.0	(3)	(1)	(1)	(1)	8.3	(3)	20.0	4.25	4.00	0.01	0.01	(2)	(2)
Nevada																
PACIFIC:																
Washington	(1)	(1)	22.8	1.0	(1)	(1)	(1)	3.1	14.0	5.7	4.00	1.43	0.01	(2)	(2)	(2)
Oregon	(1)	(1)	15.6	5.4	(1)	(1)	0.1	6.5	10.3	4.3	4.50	1.45	0.02	0.02	(2)	0.04
California		(1)		30.0		(1)	(1)		7.8	13.9		1.71			0.01	0.06

[1] Less than one-tenth of 1 per cent. [2] Less than one-hundredth of 1 per cent. [3] Less than 1 acre reported.

Grass and clover seed.—The acreage from which the different kinds of grass and clover seed were harvested was not completely reported, and even if satisfactorily reported, it would in very many cases represent a duplication of acreage already reported for the corresponding forage crops. The statistics presented in the accompanying tables are limited, therefore, to farms reporting, production, and value.

Millet seed, which is included with the grass seeds mainly because it is, botanically, a variety of grass, is raised very largely for use as a feed, especially for poultry. From an economic and commercial point of view, therefore, it is radically different from the other kinds of grass seed, which are all raised for use as seed for sowing.

Clover and alfalfa seed were reported separately for 1909, while for 1919, red clover was given a separate classification, and the other clovers were grouped with alfalfa. By reason of the fact that alfalfa seed is produced for the most part in states which do not produce "Other clover" seed, however, the figures for the important alfalfa-seed states may be considered approximately comparable.

The data relating to grass and clover seed are summarized for the United States in Table 68, and presented by divisions and states in Tables 69, 70, and 71.

Flower and vegetable seeds.—The flower and vegetable seeds reported as produced on farms doubtless represent chiefly those raised on farms producing such seeds for sale on a commercial scale, the small quantities grown by farmers for their own use being often, if not generally, omitted from the returns. The value of flower and vegetable seeds produced on farms in 1899, 1909, and 1919 is given for the United States as a whole in Table 68, and is presented by divisions and states in Table 69.

TABLE 68.—GRASS AND CLOVER SEED AND FLOWER AND VEGETABLE SEEDS—SUMMARY FOR THE UNITED STATES: 1899 TO 1919.

[Figures for divisions and states in Tables 69, 70, and 71.]

CROP AND CENSUS YEAR.	Farms reporting.	Production (bushels).	Value.
Grass and clover seed, 1919	.....	**7,851,698**	**$80,843,832**
Grass seed	.....	5,807,425	25,427,106
Timothy	65,811	2,587,268	13,673,913
Millet	6,700	1,310,953	3,682,987
Other grass	13,672	1,909,204	8,070,206
Clover and alfalfa seed	.....	2,044,273	55,416,726
Red clover	127,405	1,175,969	34,768,946
Other clover and alfalfa	31,043	868,304	20,647,780
Grass and clover seed, 1909	.....	**6,671,348**	**15,137,683**
Grass seed	.....	5,382,204	6,160,721
Timothy	46,274	2,878,790	4,018,951
Millet	4,490	588,270	491,566
Other grass	.....	1,915,144	1,650,204
Clover and alfalfa seed	.....	1,289,144	8,976,962
Clover	72,996	1,025,816	6,925,122
Alfalfa	7,431	263,328	2,051,840
Grass and clover seed, 1899	.....	**4,865,078**	**8,228,417**
Grass seed	.....	3,515,869	2,868,839
Clover seed	.....	1,349,209	5,359,578
Flower and vegetable seeds 1919	.....	.....	*8,010,128*
1909	.....	.....	1,411,013
1899	.....	.....	826,010

TABLE 69.—PRODUCTION AND VALUE OF ALL GRASS AND CLOVER SEED, AND VALUE OF FLOWER AND VEGETABLE SEEDS, BY DIVISIONS AND STATES: 1899 TO 1919.

DIVISION AND STATE.	ALL GRASS AND CLOVER SEED.						VALUE OF FLOWER AND VEGETABLE SEEDS.		
	Production (bushels).			Value.					
	1919	1909	1899	1919	1909	1899	1919	1909	1899
United States	**7,851,698**	**6,671,348**	**4,865,078**	**$80,843,832**	**$15,137,683**	**$8,228,417**	**$8,010,128**	**$1,411,013**	**$826,019**
GEOGRAPHIC DIVISIONS:									
New England	2,496	5,451	2,168	31,700	10,269	6,097	47,649	45,096	91,173
Middle Atlantic	92,825	55,137	66,758	1,882,124	219,146	233,085	63,482	162,607	201,568
East North Central	2,242,652	2,157,957	1,696,878	34,599,246	6,320,653	4,651,031	294,747	357,032	157,983
West North Central	3,625,935	3,265,021	2,558,743	26,696,698	5,915,510	2,571,033	30,171	116,777	153,288
South Atlantic	122,113	78,352	46,513	1,471,342	198,638	122,422	70,676	18,839	29,356
East South Central	472,256	671,790	364,431	2,949,718	632,743	305,329	8,283	17,485	10,789
West South Central	405,968	59,624	26,076	2,321,807	223,441	19,845	.....	34,104	15,183
Mountain	764,715	198,110	60,767	8,494,782	1,037,009	227,172	247,094	20,689	22,668
Pacific	122,738	179,906	42,744	2,396,415	580,274	92,403	7,248,026	638,384	144,011
NEW ENGLAND:									
Maine	462	527	936	7,423	1,544	3,810	200	950	3,082
New Hampshire	189	142	47	2,164	556	121	.....	1,319	855
Vermont	657	601	168	8,095	1,538	296	.....	2,670	463
Massachusetts	678	3,397	167	8,348	4,163	387	120	291	40,692
Rhode Island	298	19	536	2,796	39	1,235	160	2,564	1,900
Connecticut	212	765	314	2,874	2,429	248	47,169	37,302	44,181
MIDDLE ATLANTIC:									
New York	36,235	17,879	11,449	791,257	88,239	47,790	62,782	72,991	54,148
New Jersey	389	12,804	5,187	5,761	14,799	2,795	.....	53,300	43,191
Pennsylvania	56,201	24,454	50,122	1,085,106	116,108	182,500	700	36,316	104,229
EAST NORTH CENTRAL:									
Ohio	309,964	288,605	388,721	5,975,159	1,352,136	1,418,689	3,601	67,303	33,989
Indiana	202,052	165,488	525,145	4,434,256	785,041	1,820,149	4,904	8,414	8,502
Illinois	1,193,200	1,289,996	552,705	10,171,691	1,719,420	650,463	.....	194,626	71,456
Michigan	144,696	151,567	88,541	3,989,998	964,655	315,000	274,756	44,106	28,700
Wisconsin	392,740	262,301	141,766	10,028,142	1,499,401	446,730	11,486	42,583	15,336
WEST NORTH CENTRAL:									
Minnesota	545,591	945,666	561,973	5,776,876	1,496,438	529,301	.....	6,645	9,249
Iowa	1,357,599	1,118,044	1,292,072	10,251,186	1,721,289	1,215,763	550	4,853	6,044
Missouri	618,370	257,872	278,497	3,585,985	756,445	423,395	.....	17,726	15,416
North Dakota	350,640	74,162	14,645	2,326,420	99,024	10,054	.....	1,075	653
South Dakota	234,042	424,623	80,196	1,910,954	594,570	30,141	.....	25,914	.....
Nebraska	148,953	120,423	49,972	1,056,169	451,347	69,782	16,645	30,737	77,495
Kansas	370,740	324,231	281,388	1,789,108	796,397	292,597	12,976	20,827	44,431
SOUTH ATLANTIC:									
Delaware	5,031	5,878	3,515	125,519	29,928	14,290	.....	507	1,861
Maryland	11,955	15,080	11,100	275,500	72,785	46,780	2,550	8,792	7,183
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	86,905	49,031	25,104	705,412	74,979	40,600	.....	5,583	3,384
West Virginia	4,877	2,645	4,384	62,579	8,726	16,109	.....	190	756
North Carolina	12,196	2,071	1,646	286,752	4,963	3,921	.....	2,501	8,382
South Carolina	693	314	221	11,832	459	243	.....	91	505
Georgia	456	2,197	506	3,748	2,508	442	2,894	975	3,669
Florida	.....	1,136	37	.....	4,290	37	65,232	200	3,622
EAST SOUTH CENTRAL:									
Kentucky	330,750	612,406	278,680	1,207,233	538,219	198,793	432	15,658	8,668
Tennessee	121,214	58,486	84,366	1,429,706	92,386	104,477	7,851	1,568	458
Alabama	2,618	537	876	46,612	1,110	1,027	.....	240	1,510
Mississippi	17,674	361	509	266,167	1,028	1,082	.....	19	153
WEST SOUTH CENTRAL:									
Arkansas	11,223	1,180	500	60,848	4,893	2,039	.....	836	2,447
Louisiana	20,767	11,268	271	415,340	30,343	500	.....	3,083	5,900
Oklahoma [1]	60,380	25,825	4,813	245,819	149,070	3,332	.....	7,253	4,835
Texas	313,598	21,351	20,492	1,599,800	39,135	13,974	.....	22,932	2,901
MOUNTAIN:									
Montana	27,471	14,204	1,226	630,921	96,103	3,682	50,272	760	.....
Idaho	119,179	30,463	3,505	2,791,093	172,012	13,785	762	5,398	250
Wyoming	19,072	17,411	5,080	320,170	85,120	20,206	.....	275	75
Colorado	464,361	51,208	13,635	2,414,340	162,822	53,295	190,046	13,395	11,113
New Mexico	38,056	9,092	45	409,731	46,935	320	6,014	151	.....
Arizona	33,679	22,598	1,752	674,093	156,840	6,958	.....	.....	.....
Utah	62,708	52,604	35,367	1,250,835	313,814	127,988	.....	700	10,330
Nevada	189	530	157	3,599	3,363	938	.....	10	900
PACIFIC:									
Washington	10,491	3,355	837	190,286	9,388	1,546	1,774,103	37,571	11,667
Oregon	60,243	151,016	26,385	1,281,291	364,852	21,460	1,300	6,089	10,448
California	52,004	25,535	15,522	924,838	206,034	69,397	5,472,623	594,724	121,896

[1] Figures for 1899 include Indian Territory.

TABLE 70.—GRASS SEED—FARMS REPORTING, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	TIMOTHY SEED.						MILLET SEED.						OTHER GRASS SEED.				
	Farms reporting.		Production (bushels).		Value.		Farms reporting.		Production (bushels).		Value.		Farms reporting, 1919	Production (bushels).		Value.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909		1919	1909	1919	1909
United States	**65,811**	**46,274**	**2,587,288**	**2,878,790**	**$13,673,913**	**$4,018,951**	**6,700**	**4,490**	**1,310,953**	**588,270**	**$3,682,987**	**$491,566**	**13,672**	**1,909,204**	**1,915,144**	**$8,070,206**	**$1,650,204**
GEOGRAPHIC DIVISIONS:																	
New England	170	242	1,360	1,715	9,889	3,868	7	11	98	3,014	445	2,925	35	446	222	2,785	510
Middle Atlantic	5,032	2,222	33,946	27,969	217,854	47,280	138	54	7,801	3,483	23,403	3,405	6	327	1,329	1,962	1,781
East North Central	19,483	9,689	431,880	345,471	2,446,018	558,557	395	214	31,810	35,215	115,187	26,282	5,371	798,999	1,029,393	3,329,482	708,821
West North Central	40,304	33,002	2,102,698	2,455,911	10,894,683	3,320,264	4,105	3,208	696,338	423,778	1,423,142	338,349	3,232	328,143	97,272	1,299,121	161,163
South Atlantic	550	600	3,651	13,628	21,433	21,456	53	57	1,709	2,293	6,474	2,943	1,725	80,479	45,064	403,021	59,141
East South Central	91	290	820	14,150	5,319	17,052	261	235	49,390	49,534	185,241	52,308	1,198	345,600	599,833	1,063,276	504,459
West South Central	13	17	136	1,497	976	2,345	682	300	83,135	29,166	166,407	32,890	1,459	294,235	11,649	1,598,806	29,146
Mountain	139	175	12,568	15,106	76,085	32,439	1,053	407	440,559	41,699	1,762,236	32,294	244	25,835	4,461	153,085	5,364
Pacific	29	37	209	3,334	1,656	6,690	6	4	113	88	452	170	402	35,140	125,921	218,668	179,819
NEW ENGLAND:																	
Maine	53	74	288	360	2,118	906							1	20	35	130	70
New Hampshire	7	29	22	84	167	219	1	1	2	6	12	15	11	127	22	826	47
Vermont	75	92	444	572	3,108	1,429	2		45		203				21		58
Massachusetts	22	20	278	253	2,086	456	4	8	51	2,968	230	2,870	14	194	117	1,164	262
Rhode Island	5	2	203	17	1,472	33							3	69	2	449	6
Connecticut	8	25	125	429	938	825		2		40		40	6	36	25	216	67
MIDDLE ATLANTIC:																	
New York	754	389	7,974	4,791	55,422	10,406	94	23	5,474	1,925	16,422	1,787			340		744
New Jersey	35	62	130	11,397	910	10,692	3	2	125	55	375	123			940		898
Pennsylvania	4,243	1,771	25,842	11,781	161,522	26,182	41	29	2,202	1,503	6,606	1,495	6	327	49	1,962	139
EAST NORTH CENTRAL:																	
Ohio	7,613	4,172	122,470	107,048	710,328	182,656	26	16	1,671	1,215	6,270	1,149	48	11,899	11,163	118,694	13,391
Indiana	1,259	629	30,712	30,028	181,205	46,484	51	66	10,513	15,222	42,052	8,795	113	19,648	11,879	137,536	15,812
Illinois	5,925	2,875	218,668	153,166	1,202,693	234,055	38	69	6,742	14,898	23,601	12,684	5,161	765,927	1,006,184	3,063,708	678,832
Michigan	515	233	4,125	10,682	24,750	19,466	154	40	7,363	2,226	29,452	2,208	38	1,271	167	8,400	786
Wisconsin	4,171	1,780	55,905	44,547	327,042	75,860	126	23	5,521	1,054	13,812	1,446	11	254		1,144	
WEST NORTH CENTRAL:																	
Minnesota	8,504	10,282	358,962	876,457	1,866,601	1,150,126	590	277	54,715	20,371	136,801	18,856	15	300	809	1,200	929
Iowa	22,328	16,467	1,156,531	1,028,664	5,898,314	1,405,866	210	217	35,460	47,959	70,920	32,759	290	23,761	5,213	95,044	6,772
Missouri	6,530	2,276	428,730	116,808	2,250,841	176,221	159	274	21,944	31,105	43,888	27,217	941	137,887	24,399	434,343	33,907
North Dakota	745	437	47,355	30,020	269,924	47,985	953	244	166,475	29,403	332,950	27,084	383	81,039	13,932	324,156	17,077
South Dakota	1,074	2,591	65,012	371,950	341,319	492,466	646	289	111,007	32,752	277,529	25,715	20	1,362	12,454	8,309	15,285
Nebraska	317	548	8,838	15,244	55,242	28,516	553	517	97,005	57,936	194,010	45,030	245	8,785	2,631	68,523	3,103
Kansas	806	401	37,270	16,768	212,442	28,084	994	1,390	209,732	204,252	367,044	161,688	1,338	75,009	37,834	367,546	84,090
SOUTH ATLANTIC:																	
Delaware	4	3	14	5	89	9		28		131		240					
Maryland	89	71	728	3,687	4,259	4,641	5	2	246	60	984	58	16	2,345	2,424	11,725	2,559
District of Columbia																	
Virginia	224	252	1,852	8,551	10,279	13,919	13	17	727	1,234	2,546	1,498	1,300	73,929	37,433	360,645	46,828
West Virginia	223	201	936	993	5,989	2,252	20	1	363	2	1,452	5	224	2,157	1,048	10,354	1,320
North Carolina	10	65	121	247	817	454	11	3	227	118	908	98	171	1,850	1,421	10,207	2,399
South Carolina		5		54		109		3		139		135			119		200
Georgia							4	3	146	609	584	909	14	198	1,574	1,090	1,517
Florida		3		91		72									1,045		4,218
EAST SOUTH CENTRAL:																	
Kentucky	62	207	549	12,996	3,294	14,894	17	14	961	3,374	3,605	3,714	848	321,533	592,019	964,599	492,843
Tennessee	27	78	256	1,055	1,922	1,894	240	216	48,334	45,932	181,256	48,336	350	24,067	7,477	98,677	11,035
Alabama	2	2	15	36	103	80	4	4	95	168	380	138			283		492
Mississippi		3		72		184		1		60		120			54		89
WEST SOUTH CENTRAL:																	
Arkansas	10	1	74	2	557	3	6	2	91	248	319	281	164	10,293	531	38,084	921
Louisiana		2		39		86									9,893		26,059
Oklahoma		11		1,253		1,925	372	140	36,988	9,611	73,976	9,638	346	19,552	1,060	106,563	1,779
Texas	3	3	62	203	419	331	304	158	46,056	19,307	92,112	22,971	949	264,390	165	1,454,159	387
MOUNTAIN:																	
Montana	9	28	637	2,656	5,576	5,038	33	15	1,090	889	4,360	1,495	16	381	200	2,098	400
Idaho	101	83	11,272	9,955	65,378	21,723	3	4	304	508	1,216	872	9	101	458	505	1,315
Wyoming	2	38	18	1,776	131	3,855	17	88	1,116	6,544	4,464	4,016	48	1,937	624	10,656	958
Colorado	11	11	470	378	3,290	878	922	249	421,765	29,439	1,687,060	19,988	116	14,556	3,067	87,336	2,435
New Mexico		3		47		137	73	48	16,063	4,071	64,252	5,233	28	6,523	3	35,879	2
Arizona		1		6		12	4	1	200	100	800	200	23	2,157		15,531	
Utah	16	9	171	113	1,710	366	1	2	21	148	84	490	4	180	109	1,080	254
Nevada		2		175		430											
PACIFIC:																	
Washington	14	7	140	342	1,120	1,158							96	5,071	2,685	32,526	4,822
Oregon	15	26	69	2,635	536	4,467	5	4	63	88	252	170	205	19,210	122,159	124,869	173,674
California		4		357		1,065	1		50		200		101	10,859	1,077	61,273	1,323

TABLE 71.—CLOVER AND ALFALFA SEED—FARMS REPORTING, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION AND STATE.	ALL CLOVER AND ALFALFA SEED.				RED CLOVER SEED, 1919.			OTHER CLOVER AND ALFALFA SEED, 1919.		
	Production (bushels).		Value.		Farms reporting.	Production (bushels).	Value.	Farms reporting.	Production (bushels).	Value.
	1919	1909	1919	1909						
United States	2,044,273	1,289,144	$55,416,726	$8,976,962	127,405	1,175,969	$34,768,946	31,043	868,304	$20,647,780
GEOGRAPHIC DIVISIONS:										
New England	592	500	18,581	2,966	63	366	12,117	26	226	6,464
Middle Atlantic	50,751	22,356	1,638,905	166,680	4,992	31,459	1,040,873	2,296	19,292	598,032
East North Central	979,963	747,878	28,708,559	5,026,993	91,262	735,072	21,810,119	14,221	244,891	6,898,440
West North Central	498,756	288,060	13,079,752	2,086,734	22,705	270,265	7,927,511	6,905	228,491	5,152,241
South Atlantic	36,274	17,367	1,040,414	115,098	3,819	26,897	841,766	924	9,377	198,648
East South Central	76,446	8,264	1,695,882	58,924	1,841	16,312	484,588	1,803	60,134	1,211,294
West South Central	28,462	17,312	555,618	159,060	60	527	14,882	567	27,935	540,736
Mountain	285,753	136,844	6,503,376	966,912	1,398	66,680	1,797,612	3,450	219,073	4,705,764
Pacific	87,276	50,563	2,175,639	393,595	1,265	28,391	839,478	851	58,885	1,336,161
NEW ENGLAND:										
Maine	154	132	5,175	568	18	111	3,885	2	43	1,290
New Hampshire	38	30	1,159	275	7	19	589	7	19	570
Vermont	168	8	4,784	51	14	80	2,320	10	88	2,464
Massachusetts	155	59	4,868	575	13	88	2,992	3	67	1,876
Rhode Island	26	.....	875	.....	2	19	665	3	7	210
Connecticut	51	271	1,720	1,497	9	49	1,666	1	2	54
MIDDLE ATLANTIC:										
New York	22,787	10,823	719,413	75,302	678	5,202	174,278	1,977	17,585	545,135
New Jersey	134	412	4,476	3,086	34	114	3,876	6	20	600
Pennsylvania	27,830	11,121	915,016	88,292	4,280	26,143	862,719	313	1,687	52,297
EAST NORTH CENTRAL:										
Ohio	173,924	169,179	5,139,867	1,154,940	13,443	89,957	2,788,791	3,882	83,967	2,351,076
Indiana	141,179	108,359	4,073,463	713,950	16,906	120,446	3,492,939	1,523	20,733	580,524
Illinois	201,863	115,748	5,881,689	793,849	16,888	172,545	5,090,103	1,533	29,318	791,586
Michigan	131,937	138,492	3,927,396	942,195	14,611	101,223	3,036,690	2,680	30,714	890,706
Wisconsin	331,060	216,100	9,686,144	1,422,059	29,414	250,901	7,401,596	4,603	80,159	2,284,548
WEST NORTH CENTRAL:										
Minnesota	131,614	48,029	3,772,274	326,527	6,930	109,348	3,171,092	1,031	22,266	601,182
Iowa	141,847	36,208	4,186,908	275,892	11,865	122,268	3,668,040	873	19,579	518,868
Missouri	29,809	85,560	856,913	519,100	2,667	22,312	658,227	265	7,497	198,686
North Dakota	55,771	807	1,399,390	6,878	71	1,705	47,740	636	54,066	1,351,650
South Dakota	56,661	7,467	1,283,797	61,104	133	1,980	53,460	1,704	54,681	1,230,337
Nebraska	34,325	44,612	738,394	374,698	752	8,649	224,874	878	25,676	513,520
Kansas	48,729	65,377	842,076	522,535	287	4,003	104,078	1,518	44,726	737,998
SOUTH ATLANTIC:										
Delaware	5,017	5,742	125,430	29,679	177	2,509	75,270	147	2,508	50,160
Maryland	8,636	8,909	258,532	65,427	809	7,016	224,512	138	1,620	34,020
District of Columbia	.....	.....	.....	.....	.....	.....	.....	110	1,149	27,006
Virginia	10,397	1,813	322,942	12,734	1,186	9,248	295,936	35	172	4,816
West Virginia	1,421	602	44,784	5,149	185	1,249	39,968	374	3,140	69,080
North Carolina	9,998	285	274,820	2,012	1,455	6,858	205,740	104	676	11,492
South Carolina	693	2	11,832	15	7	17	340	16	112	2,074
Georgia	112	14	2,074	82	.....	.....	.....	.....	.....	.....
Florida	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
EAST SOUTH CENTRAL:										
Kentucky	7,707	4,017	235,735	26,768	419	4,593	146,976	151	3,114	88,759
Tennessee	48,557	4,022	1,147,851	31,121	1,393	11,371	329,759	987	37,186	818,092
Alabama	2,508	50	46,129	400	19	197	4,531	86	2,311	41,598
Mississippi	17,674	175	266,167	635	10	151	3,322	579	17,523	262,845
WEST SOUTH CENTRAL:										
Arkansas	765	399	21,888	3,688	53	411	12,330	32	354	9,558
Louisiana	20,767	1,336	415,340	4,198	.....	.....	.....	343	20,767	415,340
Oklahoma	3,840	13,901	65,280	135,728	.....	.....	.....	153	3,840	65,280
Texas	3,090	1,676	53,110	15,446	7	116	2,552	39	2,974	50,558
MOUNTAIN:										
Montana	25,363	10,459	618,887	89,170	31	2,035	59,015	536	23,328	559,872
Idaho	107,502	19,542	2,723,994	148,102	1,293	62,862	1,697,274	794	44,640	1,026,720
Wyoming	16,001	8,467	304,919	76,291	8	180	4,320	408	15,821	300,599
Colorado	27,570	18,324	636,654	139,521	11	318	9,858	418	27,252	626,796
New Mexico	15,470	4,971	309,600	41,563	2	40	1,000	148	15,430	308,600
Arizona	31,322	22,492	657,762	156,628	.....	.....	.....	164	31,322	657,762
Utah	62,336	52,234	1,247,961	312,704	51	1,241	26,061	968	61,095	1,221,900
Nevada	189	355	3,599	2,933	2	4	84	14	185	3,515
PACIFIC:										
Washington	5,280	328	156,640	3,408	68	4,400	132,000	22	880	24,640
Oregon	40,901	26,134	1,155,634	186,541	1,195	23,917	705,554	336	16,984	450,080
California	41,095	24,101	863,365	203,646	2	74	1,924	493	41,021	861,441

Minor seeds.—Table 72 shows, for 1919 and 1909, the acreage, quantity, and value of the minor seeds produced in the United States as a whole, and in the several states reporting.

Mustard seed is used mainly as a condiment, and sunflower seed is used largely for poultry feed, but the other kinds of seed are for the most part raised for the purpose of planting.

It is believed that in most cases the acreage shown in this table for seeds is separate from and additional to the acreage of the corresponding major products (if any), and therefore does not involve duplication.

It is probable that the quantities reported do not represent the entire production of the various seeds, not only because farmers raising small quantities for their own use were not likely to report them, but also because these seeds were not listed by name on the census schedule.

TABLE 72.—MINOR SEEDS—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1919 AND 1909.

KIND OF SEED AND STATE.	FARMS REPORTING.		ACREAGE.[1]		PRODUCTION.		VALUE.	
	1919	1909	1919	1909	1919	1909	1919	1909[2]
Total	.....	.....	124,199	80,827	.....	.....	$4,780,967	$740,431
Sorghum seed,					*Bu.*	*Bu.*		
total	9,341	3,564	106,963	72,497	1,567,716	833,707	2,303,250	544,322
Ohio	.....	2	.....	24	.....	133	.....	168
Illinois	10	5	24	155	578	3,122	1,214	1,884
Iowa	39	3	98	35	2,072	870	4,144	582
Missouri	139	65	556	456	7,572	6,054	16,282	4,775
South Dakota	29	2	162	7	2,174	42	4,348	60
Nebraska	588	543	4,663	7,209	61,750	83,134	101,892	46,899
Kansas	3,585	2,099	62,067	53,706	936,688	656,522	1,170,877	404,329
Virginia	8	2	11	14	272	77	572	65
North Carolina	19	1	25	7	300	55	1,051	100
South Carolina	10	1	42	1	520	20	1,560	40
Georgia	17	8	30	6	197	173	692	178
Florida	5	1	25	.....	153	10	321	10
Kentucky	76	.....	86	.....	1,503	.....	3,750	.....
Tennessee	103	15	251	32	4,360	458	9,159	396
Alabama	107	10	46	15	727	1,440	1,819	720
Mississippi	21	5	26	3	252	59	631	61
Arkansas	87	11	138	24	1,270	200	3,180	319
Oklahoma	1,485	284	19,187	4,250	237,009	30,435	402,917	23,079
Texas	2,391	412	12,059	5,483	205,878	38,683	339,707	50,255
Idaho	.....	1	.....	2	.....	50	.....	50
Wyoming	2	.....	12	.....	70	.....	154	.....
Colorado	248	79	3,094	704	32,629	9,147	68,526	5,799
New Mexico	200	10	2,820	193	61,445	1,021	147,469	1,248
Arizona	42	11	606	68	9,606	855	21,133	1,308
Utah	2	.....	19	.....	288	.....	634	.....
California	8	14	16	103	403	1,147	1,209	1,997
Sugar-beet seed,					*Lbs.*	*Lbs.*		
total	69	.....	7,022	.....	3,606,947	.....	2,012,142	.....
Ohio	7	.....	44	.....	34,867	.....	17,434	.....
Michigan	10	.....	234	.....	96,292	.....	57,775	.....
Wisconsin	2	.....	61	.....	22,000	.....	11,000	.....
Kansas	2	.....	54	.....	989	.....	593	.....
West Virginia	2	.....	1	.....	216	.....	108	.....
Montana	5	.....	1,713	.....	978,302	.....	586,981	.....
Idaho	9	.....	2,289	.....	477,890	.....	286,734	.....
Wyoming	2	.....	60	.....	90,000	.....	45,000	.....
Colorado	12	.....	1,810	.....	1,599,285	.....	799,643	.....
Utah	2	.....	52	.....	40,500	.....	20,250	.....
California	7	.....	704	.....	266,606	.....	186,624	.....
Sunflower seed,					*Bu.*	*Bu.*		
total	637	665	6,014	4,731	135,947	63,677	331,708	58,318
New York	7	2	10	12	189	157	473	160
Pennsylvania	6	.....	8	.....	130	.....	326	.....
Indiana	13	66	101	430	838	6,330	2,097	5,894
Illinois	226	548	1,509	3,969	29,679	49,004	74,200	44,539

[1] Acreage not shown when reported in small fractions or when less than 1 acre.
[2] The 1909 total includes the value of anise seed and golden-seal seed.

TABLE 72.—MINOR SEEDS—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1919 AND 1909—Continued.

KIND OF SEED AND STATE.	FARMS REPORTING.		ACREAGE.[1]		PRODUCTION.		VALUE.	
	1919	1909	1919	1909	1919	1909	1919	1909
Sunflower seed—Continued.					*Bu.*	*Bu.*		
Wisconsin	.....	2	.....	1	.....	25	.....	$35
Iowa	.....	1	.....	.....	.....	25	.....	25
Missouri	284	7	3,879	29	80,161	567	$192,387	405
South Dakota	2	1	5	1	112	10	252	10
Nebraska	3	.....	70	.....	210	.....	420	.....
Kansas	.....	1	.....	3	.....	40	.....	40
West Virginia	4	1	2	1	12	41	31	50
Florida	.....	2	.....	3	.....	26	.....	40
Kentucky	3	1	20	4	300	33	750	30
Tennessee	15	2	131	2	3,603	110	9,007	205
Alabama	.....	1	.....	2	.....	10	.....	20
Arkansas	6	5	46	5	718	86	1,796	114
Louisiana	.....	1	.....	3	.....	33	.....	30
Oklahoma	1	1	5	6	200	175	500	350
Texas	3	1	27	1	162	30	406	23
Idaho	1	.....	.....	.....	2	.....	5	.....
Colorado	6	1	20	2	179	120	429	84
Utah	2	.....	.....	.....	11	.....	26	.....
Oregon	5	.....	3	.....	147	.....	368	.....
California	50	21	778	257	19,294	6,855	48,235	6,264
Mustard seed, total	92	66	2,885	1,964	*Lbs.* 1,211,549	*Lbs.* 3,168,270	106,011	100,731
Ohio	2	.....	.....	.....	195	.....	20	.....
Kansas	3	.....	18	.....	8,880	.....	3,552	.....
Tennessee	3	.....	2	.....	40	.....	4	.....
Montana	4	.....	37	.....	19,500	.....	7,800	.....
California	80	66	2,828	1,964	1,182,934	3,168,270	94,635	100,731
Broom-corn seed,					*Bu.*	*Bu.*		
total	34	85	457	1,071	4,688	6,833	15,476	14,752
Massachusetts	.....	1	.....	8	.....	80	.....	40
Pennsylvania	4	.....	4	.....	111	.....	444	.....
Ohio	1	1	1	1	23	10	92	50
Indiana	.....	1	.....	10	.....	280	.....	1,120
Illinois	2	2	10	30	463	1,011	1,852	5,050
Minnesota	.....	1	.....	5	.....	200	.....	200
Missouri	.....	1	.....	.....	.....	100	.....	100
North Dakota	3	3	13	17	247	160	741	500
South Dakota	2	2	15	19	175	21	525	95
Nebraska	4	.....	93	.....	1,229	.....	3,687	.....
Kansas	6	23	234	45	1,625	2,227	4,875	1,540
Tennessee	.....	1	.....	.....	.....	4	.....	16
Oklahoma	12	7	87	19	815	484	3,260	744
Texas	.....	22	.....	702	.....	1,216	.....	3,404
Wyoming	.....	1	.....	1	.....	10	.....	20
Colorado	.....	2	.....	13	.....	22	.....	30
New Mexico	.....	16	.....	184	.....	583	.....	1,627
California	.....	1	.....	17	.....	425	.....	216
Hemp seed, total	37	82	257	563	*Bu.* 2,724	*Bu.* 5,416	10,976	20,007
Pennsylvania	3	.....	2	.....	77	.....	308	.....
South Dakota	1	.....	16	.....	160	.....	720	.....
Kentucky	33	82	239	563	2,487	5,416	9,948	20,007
Tobacco seed, total	1	3	1	1	*Lbs.* 117	*Lbs.* 389	1,404	1,789
Connecticut	.....	1	.....	.....	.....	(2)	.....	200
Pennsylvania	.....	1	.....	.....	.....	200	.....	1,400
North Carolina	1	.....	1	.....	117	.....	1,404	.....
Kentucky	.....	1	.....	1	.....	189	.....	189

[1] Acreage not shown when reported in small fractions or when less than 1 acre.
[2] Not reported.

VELVET BEANS AND CROPS HOGGED OFF.

Velvet beans.—The inquiry on the 1920 farm schedule with regard to velvet beans was made in special form, to include the total acreage which was planted to velvet beans, either alone or mixed with other crops, and without regard to whether dry beans were harvested or the crop was used for forage. The inquiry was limited to this one item, omitting any reference to production. The acreage thus reported is largely duplicated, of course, in the acreage shown for annual legumes cut for hay, under "Hay and forage," and for this and other reasons it has not been included either in the acreage given above for miscellaneous

beans or in the total crop acreage. The acreage and the number of farms reporting velvet beans on this basis are shown, by divisions and states, in Table 73.

Crops hogged off.—Another special inquiry on the 1920 schedule was that calling for the total acreage of mature crops grazed or hogged off in 1919. The principal crops reported as utilized in this way were corn, velvet beans, soy beans, peanuts, and sweet potatoes. Table 73 shows the acreage reported as hogged off and the number of farms reporting such acreage, by divisions and states.

TABLE 73.—VELVET BEANS AND CROPS HOGGED OFF—FARMS REPORTING AND ACREAGE, BY DIVISIONS AND STATES: 1919.

DIVISION AND STATE.	VELVET BEANS.[1]		CROPS HOGGED OFF.	
	Farms reporting.	Acreage.	Farms reporting.	Acreage.
United States	101,590	1,142,562	306,831	3,107,318
GEOGRAPHIC DIVISIONS:				
New England	7	6	474	2,911
Middle Atlantic	20	90	1,604	7,584
East North Central	20	66	43,145	403,232
West North Central	20	217	76,939	1,029,730
South Atlantic	53,086	688,189	103,326	838,159
East South Central	43,638	418,553	41,463	369,765
West South Central	4,781	35,367	30,502	250,996
Mountain	11	40	6,167	174,787
Pacific	7	34	3,211	30,154
NEW ENGLAND:				
Maine			97	589
New Hampshire	4	3	39	103
Vermont	3	3	52	155
Massachusetts			172	826
Rhode Island			22	90
Connecticut			92	1,148
MIDDLE ATLANTIC:				
New York	20	90	692	3,693
New Jersey			161	926
Pennsylvania			751	2,965
EAST NORTH CENTRAL:				
Ohio	9	27	9,631	78,510
Indiana	11	39	13,393	124,607
Illinois			14,059	164,641
Michigan			2,158	13,039
Wisconsin			3,904	22,435
WEST NORTH CENTRAL:				
Minnesota			7,681	70,336
Iowa	3	25	37,276	409,276
Missouri	15	178	8,160	97,049
North Dakota			1,517	30,729
South Dakota			8,760	183,780
Nebraska	2	14	8,680	160,442
Kansas			4,856	78,168
SOUTH ATLANTIC:				
Delaware			61	515
Maryland			358	3,047
District of Columbia			1	2
Virginia	27	96	2,654	16,644
West Virginia	42	110	182	768
North Carolina	820	3,153	13,529	50,474
South Carolina	2,982	26,893	3,324	20,352
Georgia	39,792	523,690	62,227	500,672
Florida	9,414	134,247	20,990	245,685
EAST SOUTH CENTRAL:				
Kentucky	224	400	3,721	40,891
Tennessee	45	170	9,667	107,553
Alabama	33,929	336,292	23,659	194,119
Mississippi	9,440	81,691	4,416	27,202
WEST SOUTH CENTRAL:				
Arkansas	629	4,236	5,133	26,457
Louisiana	3,461	26,920	2,108	11,591
Oklahoma	24	110	7,246	83,416
Texas	667	4,101	16,015	129,532
MOUNTAIN:				
Montana			579	19,316
Idaho			855	17,783
Wyoming			668	17,942
Colorado			2,742	93,557
New Mexico	10	39	378	7,091
Arizona			384	10,434
Utah	1	1	522	8,418
Nevada			39	246
PACIFIC:				
Washington			1,312	11,392
Oregon	3	10	1,899	18,762
California	4	24		

[1] The acreage shown for velvet beans includes the total acreage on which velvet beans were grown for any purpose, either alone or mixed with other crops.

HAY AND FORAGE.

All hay and forage crops.—The statistics for all hay and forage crops combined are summarized for the United States in Table 74, data being given for 1919, 1909, and 1899. Similar data are presented, by divisions and states, in Table 79. The year 1899 was the first for which the census inquiry included to any extent either silage crops, coarse forage crops, or root forage. With the exception of the year 1889, when small quantities of coarse forage crops were included in the totals, the earlier reports were limited to hay crops alone.

Corn cut for forage was not reported to any extent at any census prior to 1919. In order to provide figures comparable with earlier censuses, therefore, and at the same time to give the absolute totals for the present census, two sets of totals are given for 1919, one including corn cut for forage, and one excluding this crop. Another reason for giving the totals for hay and forage, exclusive of corn cut for forage, lies in the fact that the acreage reported for this crop was practically all duplicated in the acreage of corn harvested as grain, and was therefore excluded from the total crop acreage, when that was computed. The acreage of hay and forage, exclusive of corn cut for forage, thus represents more fairly the acreage which is primarily devoted to the production of hay and forage crops. In other words, while the absolute importance of corn cut for forage is considerable, this crop is, in most cases, of the nature of a by-product.

Incidentally, it may be said that there are a number of counties in the northern part of the country where a considerable amount of corn (other than silage corn) is raised for forage purposes alone, in which case the acreage is not duplicated in the acreage of corn harvested for grain. It has been found impracticable, however, to separate these counties satisfactorily from those where the duplication does prevail, or to ascertain what part of the corn used for forage is thus raised as a primary crop. Since the counties where forage corn is usually obtained as a by-product constitute by far the greater part of the area concerned, the general rule of considering the acreage duplicated has been followed throughout.

The total acreage of hay and forage harvested in 1919, including corn cut for forage, was 96,121,228. Excluding 14,502,932 acres of corn cut for forage, the acreage was 81,618,296, which may be compared with 72,402,173 acres in 1909 (when corn cut for forage was not reported to any extent).

A complete summary of the United States totals for hay and forage is presented, as already noted, in Table 74.

TABLE 74.—HAY AND FORAGE—SUMMARY FOR THE UNITED STATES: 1899 TO 1919.

[Figures for divisions and states in Table 79.]

ITEM.	1919		1909	1899
	Including corn cut for forage.	Excluding corn cut for forage.		
Number of farms reporting	4,329,161	.....	3,403,206	3,583,747
Per cent of all farms	67.1	.....	53.5	62.5
Acreage	96,121,228	81,618,296	72,402,173	61,691,069
Increase over preceding census	.....	9,216,123	10,711,104	8,742,272
Per cent of increase	.....	12.7	17.4	16.5
Average per farm reporting	22.2	.....	21.3	17.2
Per cent that acreage in hay and forage formed of—				
Total improved acreage	19.1	16.2	15.1	14.9
Total reported crop acreage	27.6	23.4	23.3	21.8
Production (tons)	146,343,241	128,549,499	97,755,296	79,251,562
Increase over preceding census	.....	30,794,203	18,503,734	12,420,082
Per cent of increase	.....	31.5	23.3	18.6
Average yield per acre	1.52	1.58	1.35	1.28
Value	$2,523,050,224	$2,316,115,574	$826,401,175	$484,254,703
Increase over preceding census	.....	$1,489,714,399	$342,146,472	.....
Per cent of increase	.....	180.3	70.7	.....
Average per ton	$17.24	$18.02	$8.45	$6.11
Average per acre	$26.25	$28.38	$11.41	$7.85
Per cent that value of hay and forage formed of total value of all crops	17.1	15.7	15.8	16.9

The data for the twelve different crops or classes of hay and forage which were distinguished in 1919 are given, for the United States as a whole, in Table 77, and by divisions and states, in Table 80.

In the few cases where the 1909 classification was different from that used in 1919, the data for the earlier year have been rearranged, so as to provide the closest possible comparison with 1919. The points of difference between the two classifications are as follows: Millet or Hungarian grass, which appeared as a separate item in the 1909 classification, is here included with "Other tame grasses." The item termed "Coarse forage" in the reports for 1909 is here designated "Silage and miscellaneous forage crops." Under the designation "Grains cut green," in the 1909 reports, were included both the "Small grains cut for hay" and the "Annual legumes cut for hay," of the 1919 classification.

TABLE 75.—THE TEN STATES LEADING IN ACREAGE OF HAY AND FORAGE: 1919 AND 1909.

1919[1]				1909			
Rank.	STATE.	Acreage.	Per cent of total.	Rank.	STATE.	Acreage.	Per cent of total.
	United States.	**81,618,296**	**100.0**		**United States.**	**72,402,173**	**100.0**
1	New York	5,325,110	6.52	1	Iowa	5,047,435	6.97
2	Nebraska	5,137,222	6.29	2	New York	5,043,621	6.97
3	South Dakota	4,635,886	5.68	3	Nebraska	4,526,741	6.25
4	Minnesota	4,414,799	5.41	4	Kansas	3,967,135	5.48
5	Kansas	4,248,031	5.20	5	Minnesota	3,946,152	5.45
6	Wisconsin	3,983,436	4.88	6	Missouri	3,636,140	5.02
7	Iowa	3,901,952	4.78	7	South Dakota	3,435,907	4.75
8	North Dakota	3,757,348	4.60	8	Illinois	3,349,639	4.63
9	Illinois	3,342,191	4.09	9	Ohio	3,306,619	4.57
10	Ohio	3,258,082	3.99	10	Pennsylvania	3,088,190	4.27

[1] Excluding corn cut for forage.

TABLE 76.—THE TEN STATES LEADING IN PRODUCTION OF HAY AND FORAGE: 1919 AND 1909.

1919[1]				1909			
Rank.	STATE.	Production (tons).	Per cent of total.	Rank.	STATE.	Production (tons).	Per cent of total.
	United States	**128,549,499**	**100.0**		**United States.**	**97,755,296**	**100.0**
1	Wisconsin	10,642,835	8.28	1	Iowa	7,827,696	8.01
2	New York	9,472,345	7.37	2	New York	7,056,980	7.22
3	Minnesota	7,915,689	6.16	3	Minnesota	6,037,527	6.18
4	Iowa	7,744,315	6.02	4	Kansas	5,963,525	6.10
5	Kansas	7,378,683	5.74	5	Nebraska	5,785,847	5.92
6	Nebraska	6,172,052	4.80	6	Wisconsin	5,003,761	5.12
7	Illinois	5,973,076	4.65	7	Ohio	4,522,066	4.63
8	Michigan	5,778,578	4.50	8	Illinois	4,355,397	4.46
9	Ohio	5,637,908	4.39	9	California	4,331,885	4.43
10	Pennsylvania	5,111,084	3.98	10	Missouri	4,116,289	4.21

[1] Excluding corn cut for forage.

TABLE 77.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT HAY AND FORAGE CROPS IN THE UNITED STATES, WITH NUMBER OF FARMS REPORTING: 1919 AND 1909.

[Figures for divisions and states in Table 80.]

CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
Total	**4,329,161**	**3,403,206**	**96,121,228**	**72,402,173**	**146,343,241**	**97,755,296**	**1.52**	**1.35**	**$2,523,050,224**	**$826,401,175**	**$17.24**	**$8.45**
All hay crops	.....	.....	72,779,888	68,227,310	90,355,540	87,216,351	1.24	1.28	1,953,149,124	776,067,880	21.62	8.90
Cultivated hay	.....	.....	55,653,403	51,040,788	74,724,252	68,832,777	1.34	1.35	1,726,646,510	685,041,711	23.11	9.95
Timothy alone	840,567	1,024,670	10,941,347	14,686,393	12,799,430	17,985,420	1.17	1.22	315,040,745	188,082,895	24.61	10.46
Timothy and clover mixed	1,203,376	1,184,826	19,349,405	19,542,382	25,341,786	24,748,555	1.31	1.27	594,671,677	257,280,330	23.47	10.40
Clover alone	328,878	262,892	3,160,415	2,443,263	4,147,050	3,158,324	1.31	1.29	100,249,755	29,334,356	24.17	9.29
Alfalfa	542,549	283,012	8,624,811	4,707,146	18,853,133	11,859,881	2.19	2.52	416,178,534	93,103,998	22.07	7.85
Other tame grasses	619,616	.....	6,055,657	5,336,726	6,403,805	5,713,305	1.06	1.07	133,181,607	55,554,001	20.80	9.72
Small grains and legumes	.....	418,056	7,521,768	4,324,878	7,179,048	5,367,292	0.95	1.24	167,324,192	61,686,131	23.31	11.49
Small grains cut for hay	513,877	.....	5,674,854	.....	5,462,853	.....	0.96	.....	120,229,829	.....	22.01	.....
Annual legumes cut for hay	329,547	.....	1,846,914	.....	1,716,195	.....	0.93	.....	47,094,363	.....	27.44	.....
Wild, salt, or prairie grasses	529,819	539,717	17,126,485	17,186,522	15,631,288	18,383,574	0.91	1.07	226,502,614	91,026,169	14.49	4.95
Silage and miscellaneous forage crops	.....	.....	8,750,075	4,152,169	37,595,014	10,253,080	4.30	2.47	352,876,465	48,964,220	9.39	4.78
Silage crops	378,887	.....	4,003,226	.....	29,682,041	.....	7.41	.....	240,022,388	.....	8.09	.....
Kafir, sorghum, etc., for forage	475,626	.....	4,746,849	.....	7,912,973	.....	1.67	.....	112,854,077	.....	14.26	.....
Corn cut for forage	1,413,490	.....	14,502,932	.....	17,793,742	.....	1.23	.....	206,934,650	.....	11.63	.....
Root crops for forage	51,045	.....	88,333	22,694	598,945	285,865	6.78	12.60	10,089,985	1,369,075	16.85	4.79

Hay crops.—In order to afford data for comparisons that would not be disturbed by the inclusion of crops so unlike in nature as silage and coarse forage crops, a series of tables is presented for hay crops alone. For these crops comparative figures are available, beginning with the production of 1849, while both acreage and production are shown for the census years from 1879 to 1919. These figures are summarized for the United States in Table 78, while the data for the census years from 1879 to 1919 are presented by divisions and states in Tables 81, 82, and 83.

The data for the eight individual crops included in the hay production in 1919 are shown separately, for the United States as a whole, in Table 77, and by divisions and states, in Table 80, with comparative figures for 1909 in each case.

It should be noted, in considering the proportion which the acreage of hay crops represents of the total improved acreage, that considerable quantities of wild hay, especially in the Western states, are cut from land which has never been plowed, some of which may have been returned as unimproved land.

TABLE 78.—HAY—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 81, 82, and 83.]

ITEM.	1919	1909	1899	1889 [1]	1879	1869	1859	1849
Acreage	72,779,888	68,227,310	58,583,847	52,948,797	30,631,054			
Increase over preceding census	4,552,578	9,643,463	5,635,050	22,317,743				
Per cent of increase	6.7	16.5	10.6	72.9				
Per cent that acreage in hay formed of—								
Total improved acreage	14.5	14.3	14.1	14.8	10.8			
Total reported crop acreage	20.9	21.9	20.7					
Production (tons)	90,355,540	87,216,351	71,112,709	66,831,480	35,150,711	27,316,048	19,083,896	13,838,642
Increase over preceding census	3,139,189	16,103,642	4,281,229	31,680,769	7,834,663	8,232,152	5,245,254	
Per cent of increase	3.6	22.6	6.4	90.1	28.7	43.1	37.9	
Average yield per acre	1.24	1.28	1.21	1.26	1.15			
Value	$1,953,149,124	$776,067,880						
Increase over preceding census	$1,177,081,244							
Per cent of increase	151.7							
Average per ton	$21.62	$8.90						
Average per acre	$26.84	$11.37						
Per cent that value of hay formed of total value of all crops	13.2	14.8						

[1] The figures for 1889 include small quantities of coarse forage crops.

TABLE 79.—HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION,

DIVISION AND STATE.	HAY AND FORAGE, INCLUDING CORN CUT FOR FORAGE, 1919.				HAY AND FORAGE, EXCLUDING CORN CUT FOR FORAGE, 1919.				
	Farms reporting.	Acreage.	Production (tons).	Value.	Acreage.	Production (tons).	Value.	Per cent of increase over 1909.* Acreage.	Per cent of increase over 1909.* Production.
United States	**4,329,161**	**96,121,228**	**146,343,241**	**$2,523,050,224**	**81,618,296**	**128,549,499**	**$2,316,115,574**	**12.7**	**31.5**
GEOGRAPHIC DIVISIONS:									
New England	145,035	3,573,729	5,308,632	108,946,054	3,512,939	5,119,355	106,663,669	−7.5	9.8
Middle Atlantic	381,898	9,657,707	16,359,065	298,852,986	8,703,171	15,141,932	285,062,503	2.0	33.9
East North Central	928,007	20,374,731	37,693,623	601,127,752	16,065,222	31,943,460	543,191,691	8.9	56.6
West North Central	941,163	33,310,118	48,192,328	689,155,782	29,250,013	40,976,248	610,530,564	6.7	12.6
South Atlantic	649,513	6,558,551	5,919,058	136,785,277	3,583,742	4,226,949	105,445,374	25.3	44.2
East South Central	499,061	5,024,855	5,158,646	121,732,608	3,607,172	4,107,166	107,501,328	43.8	56.3
West South Central	449,800	5,674,934	8,036,383	153,240,510	5,329,759	7,785,891	149,378,396	59.6	122.7
Mountain	176,756	7,450,216	10,969,034	227,534,638	7,121,112	10,642,145	223,290,710	43.2	23.5
Pacific	157,928	4,496,387	8,706,472	185,674,617	4,445,166	8,606,353	184,451,339	5.4	17.4
NEW ENGLAND:									
Maine	46,790	1,245,699	1,326,289	29,568,372	1,239,444	1,303,472	29,283,155	−1.2	17.1
New Hampshire	19,524	465,303	606,713	13,616,378	459,877	587,958	13,391,318	−13.2	0.9
Vermont	28,163	991,757	1,748,358	29,581,464	978,910	1,696,508	29,062,964	−5.0	12.9
Massachusetts	26,978	466,330	871,573	20,149,137	449,064	820,905	19,439,785	−13.6	−1.4
Rhode Island	3,558	50,490	90,926	2,319,136	46,902	82,725	2,200,220	−23.5	3.0
Connecticut	20,022	354,150	664,773	13,711,567	338,742	627,787	13,286,227	−15.6	14.2
MIDDLE ATLANTIC:									
New York	178,404	5,502,943	9,728,317	169,494,524	5,325,110	9,472,345	166,934,804	5.6	34.2
New Jersey	20,985	387,642	674,479	14,017,095	311,237	558,503	12,683,367	−22.5	−2.0
Pennsylvania	182,509	3,767,122	5,956,269	115,341,367	3,066,824	5,111,084	106,044,332	−0.7	39.0
EAST NORTH CENTRAL:									
Ohio	222,068	4,917,259	7,661,890	130,187,929	3,258,082	5,637,908	109,948,109	−1.5	24.7
Indiana	165,604	3,303,056	5,133,742	79,874,640	2,254,592	3,911,068	68,870,529	−2.0	35.7
Illinois	184,791	4,013,476	7,063,254	120,790,711	3,342,191	5,973,076	108,798,753	−0.2	37.1
Michigan	175,241	3,644,952	6,345,510	105,280,992	3,226,921	5,778,578	99,044,740	18.8	59.0
Wisconsin	180,303	4,495,988	11,489,227	164,993,480	3,983,436	10,642,835	156,529,560	29.4	112.7
WEST NORTH CENTRAL:									
Minnesota	165,597	5,029,397	9,291,671	115,665,984	4,414,799	7,915,089	100,530,182	11.9	31.1
Iowa	186,430	4,555,824	9,327,772	146,959,888	3,901,952	7,744,315	128,750,107	−22.7	−1.1
Missouri	203,166	4,206,473	5,687,127	95,897,050	3,154,775	4,357,970	82,605,480	−13.2	5.9
North Dakota	67,005	4,035,803	3,765,377	56,555,024	3,757,348	3,145,407	48,185,416	31.2	4.5
South Dakota	66,114	5,071,747	4,996,846	71,988,845	4,635,886	4,262,132	62,070,190	34.9	16.7
Nebraska	108,870	5,410,808	6,619,001	96,965,224	5,137,222	6,172,052	92,272,230	13.6	6.7
Kansas	143,981	5,000,066	8,504,534	105,123,767	4,248,031	7,378,683	96,116,959	7.1	23.7
SOUTH ATLANTIC:									
Delaware	9,068	201,365	223,562	4,360,174	74,007	104,356	2,697,290	−8.3	0.7
Maryland	34,789	622,939	806,910	16,245,825	403,255	573,131	13,323,582	1.1	20.0
District of Columbia	78	805	2,410	39,004	667	2,265	37,119	−30.7	5.4
Virginia	132,731	1,773,650	1,989,282	41,847,594	909,966	1,334,838	30,394,797	17.6	62.0
West Virginia	68,934	910,550	1,099,079	23,746,574	727,841	896,279	21,305,774	2.7	40.2
North Carolina	135,339	992,374	688,843	18,966,611	498,762	491,995	14,045,411	32.5	32.6
South Carolina	87,205	668,538	400,343	11,778,637	352,569	297,871	8,909,421	66.2	55.6
Georgia	153,728	1,248,814	608,597	17,284,086	519,970	436,096	12,454,058	104.2	64.2
Florida	27,641	139,516	99,432	2,510,772	96,705	90,118	2,277,922	76.6	62.5
EAST SOUTH CENTRAL:									
Kentucky	157,801	2,084,909	2,123,490	43,399,964	1,153,458	1,368,436	34,716,809	18.2	38.8
Tennessee	154,016	1,751,123	1,907,345	49,649,657	1,457,896	1,679,312	45,773,096	37.5	52.5
Alabama	114,204	705,279	542,557	13,938,036	541,771	485,102	12,501,661	125.4	89.3
Mississippi	73,040	483,544	585,254	14,744,951	454,047	574,316	14,509,762	96.5	102.0
WEST SOUTH CENTRAL:									
Arkansas	106,053	1,002,333	989,780	22,760,223	854,957	906,928	21,393,150	93.6	92.0
Louisiana	25,532	208,631	278,556	7,083,068	202,721	274,993	7,017,141	11.9	11.2
Oklahoma	115,367	2,073,513	3,038,396	50,072,900	2,000,334	2,946,614	49,017,391	47.0	103.6
Texas	202,848	2,390,457	3,729,651	73,324,319	2,271,747	3,657,356	71,950,714	67.4	175.1
MOUNTAIN:									
Montana	31,063	1,675,472	1,382,946	36,115,771	1,614,335	1,349,464	35,647,023	42.2	−20.3
Idaho	33,490	1,189,220	2,330,543	50,802,765	1,181,015	2,313,921	50,619,923	61.1	46.0
Wyoming	11,039	832,482	907,287	20,612,504	798,587	882,539	20,241,284	36.4	3.4
Colorado	49,640	2,215,730	3,580,123	60,769,080	2,037,737	3,388,523	58,278,280	58.2	50.6
New Mexico	20,806	436,547	693,807	12,852,751	404,254	660,811	12,456,799	9.1	52.4
Arizona	6,530	197,498	494,686	10,658,211	188,821	480,342	10,500,427	83.3	84.1
Utah	21,479	549,967	1,031,609	24,759,397	543,329	1,018,986	24,588,977	34.0	0.3
Nevada	2,709	353,300	548,033	10,964,159	353,034	547,559	10,957,997	0.7	4.9
PACIFIC:									
Washington	50,586	1,064,130	2,013,913	47,717,065	1,039,405	1,973,173	47,187,445	39.9	41.0
Oregon	41,389	1,229,404	2,197,619	41,835,706	1,216,569	2,163,207	41,491,586	29.4	35.3
California	65,953	2,202,853	4,494,940	96,121,846	2,189,192	4,469,973	95,772,308	−13.6	3.2

* A minus sign (−) denotes decrease.

[1] Percentages based on figures for hay and forage, excluding corn cut for forage.

AND VALUE, WITH PERCENTAGES, BY DIVISIONS AND STATES: 1899 TO 1919.

DIVISION AND STATE.	HAY AND FORAGE, 1909 (CORN CUT FOR FORAGE NOT REPORTED TO ANY EXTENT).				HAY AND FORAGE, 1899.				PER CENT OF ALL IMPROVED LAND OCCUPIED.			Per cent distribution of acreage, 1919 [1]	PER CENT DISTRIBUTION OF PRODUCTION.		
	Farms reporting.	Acreage.	Production (tons).	Value.	Farms reporting.	Acreage.	Production (tons).	Value.	1919 [1]	1909	1899		1919 [1]	1909	1899
United States	3,403,206	72,402,173	97,755,296	$826,401,175	3,583,747	61,691,069	79,251,562	$484,254,703	16.2	15.1	14.9	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:															
New England	177,167	3,797,726	4,661,272	59,127,293	184,203	4,059,025	4,576,865	43,662,239	57.5	52.3	49.8	4.30	3.98	4.77	5.78
Middle Atlantic	411,184	8,533,162	11,305,160	130,633,652	445,873	8,869,016	10,551,446	98,297,195	32.8	29.1	28.8	10.66	11.78	11.56	13.31
East North Central	860,003	14,751,984	20,398,242	184,753,410	891,906	13,528,065	16,462,276	115,904,044	18.3	16.6	15.6	19.68	24.85	20.87	20.77
West North Central	818,427	27,420,754	36,393,172	211,707,417	797,385	22,147,977	29,696,529	105,962,362	17.1	16.7	16.3	35.84	31.88	37.23	37.47
South Atlantic	337,014	2,861,125	2,930,354	37,968,322	571,041	2,161,201	2,194,115	28,926,431	7.4	5.9	4.7	4.39	3.29	3.00	2.77
East South Central	284,491	2,507,960	2,627,235	30,114,955	316,605	1,513,370	1,563,909	16,079,741	8.1	5.7	3.8	4.42	3.20	2.69	1.97
West South Central	246,326	3,340,331	3,496,126	30,881,211	198,705	2,370,292	3,519,416	14,583,492	8.3	5.7	6.0	6.53	6.06	3.58	4.44
Mountain	112,974	4,971,647	8,613,710	66,531,763	72,616	3,582,560	5,707,443	29,424,695	23.7	31.2	42.6	8.72	8.28	8.81	7.20
Pacific	125,620	4,217,484	7,330,025	74,683,152	105,413	3,468,563	4,979,563	31,414,504	18.6	19.1	18.5	5.45	6.69	7.50	6.28
NEW ENGLAND:															
Maine	57,953	1,255,040	1,113,390	15,118,195	58,413	1,270,254	1,133,932	10,641,546	62.7	53.2	53.2	1.52	1.01	1.14	1.43
New Hampshire	25,712	529,820	582,579	7,847,148	28,731	615,042	653,265	6,336,252	65.4	57.0	57.1	0.56	0.46	0.60	0.82
Vermont	31,924	1,030,625	1,502,780	16,335,892	32,557	1,006,375	1,329,972	10,544,825	57.9	63.1	47.3	1.20	1.32	1.54	1.68
Massachusetts	33,569	519,580	832,727	11,290,758	34,278	610,023	848,950	9,056,854	49.4	44.6	47.2	0.55	0.64	0.85	1.07
Rhode Island	4,546	61,330	80,309	1,309,757	4,721	69,776	75,410	1,081,482	35.3	34.4	37.2	0.06	0.06	0.08	0.10
Connecticut	23,463	401,331	549,487	7,225,543	25,503	478,555	535,336	6,001,280	48.3	40.6	45.0	0.42	0.49	0.56	0.68
MIDDLE ATLANTIC:															
New York	195,654	5,043,621	7,056,980	77,373,333	210,527	5,154,965	6,319,475	55,237,446	40.5	34.0	33.0	6.52	7.37	7.22	7.97
New Jersey	23,837	401,351	569,973	7,630,037	27,640	444,610	465,137	5,544,970	20.0	22.3	22.5	0.38	0.43	0.58	0.59
Pennsylvania	191,693	3,088,190	3,678,207	45,630,282	207,706	3,269,441	3,766,834	37,514,779	25.9	24.4	24.8	3.76	3.98	3.76	4.75
EAST NORTH CENTRAL:															
Ohio	203,044	3,306,619	4,522,066	42,362,114	220,089	3,015,261	3,629,722	29,047,532	17.6	17.2	15.7	3.99	4.39	4.63	4.58
Indiana	148,400	2,301,069	2,882,822	24,902,395	167,672	2,442,414	2,905,608	20,227,197	13.5	13.6	14.6	2.76	3.04	2.95	3.67
Illinois	176,355	3,349,639	4,355,397	40,566,162	181,534	3,343,910	3,948,563	25,568,619	12.2	11.9	12.1	4.09	4.65	4.46	4.98
Michigan	170,956	2,715,447	3,634,196	36,049,801	171,692	2,328,498	2,703,214	21,792,987	25.0	21.2	19.7	3.95	4.50	3.72	3.41
Wisconsin	161,248	3,079,210	5,003,761	40,872,938	150,919	2,397,982	3,275,169	19,267,709	32.0	25.9	21.3	4.88	8.28	5.12	4.13
WEST NORTH CENTRAL:															
Minnesota	138,880	3,946,152	6,037,527	26,730,202	132,851	3,157,690	4,339,328	14,585,281	20.6	20.1	17.1	5.41	6.16	6.18	5.48
Iowa	180,698	5,047,435	7,827,696	59,395,318	187,122	4,649,378	6,600,169	30,042,246	13.6	17.1	15.6	4.78	6.02	8.01	8.33
Missouri	181,662	3,636,140	4,116,289	34,007,292	176,893	3,481,506	4,062,199	20,467,501	12.7	14.8	15.2	3.87	3.39	4.21	5.13
North Dakota	55,662	2,894,244	3,010,582	12,369,030	34,422	1,410,534	1,747,390	5,182,917	15.3	14.0	14.6	4.60	2.45	3.08	2.20
South Dakota	54,927	3,435,907	3,651,706	15,247,570	44,165	2,287,875	2,378,392	5,954,229	25.5	21.7	20.3	5.08	3.32	3.74	3.00
Nebraska	102,419	4,523,741	5,785,847	31,783,373	84,849	2,823,652	3,502,380	11,230,901	22.2	18.6	15.3	6.29	4.80	5.92	4.42
Kansas	134,179	3,967,135	5,963,525	32,174,632	137,083	4,337,342	7,066,671	18,499,287	13.9	13.3	17.3	5.20	5.74	6.10	8.92
SOUTH ATLANTIC:															
Delaware	6,928	80,673	103,606	1,174,695	7,717	74,800	79,303	989,848	11.3	11.3	9.9	0.09	0.08	0.11	0.10
Maryland	29,642	398,892	477,711	6,012,865	29,979	374,848	415,197	4,709,072	12.9	11.9	10.7	0.49	0.45	0.49	0.52
District of Columbia	86	962	2,148	25,633	125	1,228	2,241	22,772	15.7	18.7	20.7	(2)	(2)	(2)	(2)
Virginia	79,067	773,755	824,051	10,263,458	115,910	612,962	627,979	7,670,082	9.6	7.8	6.1	1.11	1.04	0.84	0.79
West Virginia	61,864	708,900	639,152	7,493,106	64,767	601,935	541,084	5,517,073	13.2	12.8	10.9	0.89	0.70	0.65	0.68
North Carolina	69,615	376,399	371,126	4,798,823	141,532	229,998	246,820	4,242,561	6.1	4.3	2.8	0.61	0.38	0.38	0.31
South Carolina	34,467	212,133	191,467	3,243,835	87,777	106,124	108,886	2,304,734	5.7	3.5	1.8	0.43	0.23	0.20	0.14
Georgia	45,460	254,648	265,631	4,107,080	107,648	137,312	150,224	3,034,992	4.0	2.1	1.3	0.64	0.34	0.27	0.19
Florida	9,885	54,763	55,462	848,827	15,586	21,994	22,381	435,297	4.2	3.0	1.5	0.12	0.07	0.06	0.03
EAST SOUTH CENTRAL:															
Kentucky	92,203	976,038	985,815	10,510,422	86,575	683,139	655,066	6,100,647	8.3	6.8	5.0	1.41	1.06	1.01	0.83
Tennessee	103,360	1,060,480	1,100,838	12,784,783	118,357	645,617	679,450	6,811,577	13.0	9.7	6.3	1.79	1.31	1.13	0.86
Alabama	44,243	240,386	256,245	3,408,856	68,661	85,353	100,061	1,707,638	5.5	2.5	1.0	0.66	0.38	0.26	0.13
Mississippi	44,685	231,056	284,337	3,410,894	43,012	99,261	129,332	1,459,879	4.9	2.6	1.3	0.56	0.45	0.29	0.16
WEST SOUTH CENTRAL:															
Arkansas	55,909	441,698	472,367	4,985,308	43,220	239,426	271,616	1,913,163	9.3	5.5	3.4	1.05	0.71	0.48	0.34
Louisiana	15,022	181,110	247,218	2,446,391	14,635	97,136	163,443	1,353,118	3.6	3.4	2.1	0.25	0.21	0.25	0.21
Oklahoma [3]	64,487	1,360,411	1,447,296	9,877,704	45,479	1,095,706	1,617,905	4,022,761	11.0	7.8	12.8	2.45	2.29	1.48	2.04
Texas	110,808	1,357,112	1,329,245	13,571,808	95,371	938,024	1,466,452	7,294,450	7.3	5.0	4.8	2.78	2.85	1.36	1.85
MOUNTAIN:															
Montana	14,993	1,135,483	1,693,333	12,348,150	10,656	875,712	1,059,268	5,974,850	14.7	31.2	50.4	1.98	1.05	1.73	1.34
Idaho	20,733	732,914	1,584,617	12,101,239	13,798	513,656	899,125	4,238,993	26.2	26.4	36.3	1.45	1.80	1.62	1.13
Wyoming	6,960	585,434	853,802	6,079,923	4,141	380,769	462,101	2,332,028	38.0	46.6	48.1	0.98	0.69	0.87	0.58
Colorado	29,138	1,288,263	2,249,547	17,327,615	17,008	952,214	1,643,347	8,159,279	26.3	29.9	41.9	2.50	2.64	2.30	2.07
New Mexico	17,394	370,596	433,504	4,493,918	5,454	87,358	195,324	1,427,317	23.5	25.3	26.7	0.50	0.51	0.44	0.25
Arizona	3,738	102,988	260,878	2,564,156	2,639	92,674	177,504	1,362,112	26.5	29.4	36.4	0.23	0.37	0.27	0.22
Utah	17,937	405,428	1,016,075	7,431,492	17,042	388,043	850,962	3,862,820	31.7	29.6	37.6	0.67	0.79	1.04	1.07
Nevada	2,081	350,541	521,954	4,185,270	1,878	292,134	419,812	2,067,296	59.4	46.6	51.0	0.43	0.43	0.53	0.53
PACIFIC:															
Washington	38,897	742,741	1,399,597	17,200,252	26,738	497,139	826,897	5,831,088	14.6	11.7	14.3	1.27	1.53	1.43	1.04
Oregon	32,963	940,508	1,598,543	15,276,648	29,273	731,823	1,117,400	6,147,018	24.8	22.0	22.0	1.49	1.68	1.64	1.41
California	53,760	2,534,235	4,331,885	42,206,252	49,402	2,239,601	3,035,266	19,436,398	18.4	22.2	18.7	2.68	3.48	4.43	3.83

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

[3] Figures for 1899 include Indian Territory.

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
UNITED STATES.												
Total	**4,329,161**	**3,403,206**	**96,121,228**	**72,402,173**	**146,343,241**	**97,755,296**	**1.52**	**1.35**	**$2,523,050,224**	**$826,401,175**	**$17.24**	**$8.45**
All hay crops	.....	.....	72,779,888	68,227,310	90,355,540	87,216,351	1.24	1.28	1,953,149,124	776,067,880	21.62	8.90
Cultivated hay	.....	.....	55,653,403	51,040,788	74,724,252	68,832,777	1.34	1.35	1,726,646,510	685,041,711	23.11	9.95
Timothy alone	840,567	1,024,670	10,941,347	14,686,393	12,799,430	17,985,420	1.17	1.22	315,040,745	188,082,895	24.61	10.46
Timothy and clover mixed	1,203,376	1,184,826	19,349,405	19,542,382	25,841,786	24,748,555	1.31	1.27	594,671,677	257,280,330	23.47	10.40
Clover alone	328,878	262,892	3,160,415	2,443,263	4,147,050	3,158,324	1.31	1.29	100,249,755	29,334,356	24.17	9.29
Alfalfa	542,549	283,012	8,624,811	4,707,146	18,853,133	11,859,881	2.19	2.52	416,178,534	93,103,998	22.07	7.85
Other tame grasses	619,616	.....	6,055,657	5,336,726	6,403,805	5,713,305	1.06	1.07	133,181,607	55,554,001	20.80	9.72
Small grains and legumes	.....	418,056	7,521,768	4,324,878	7,179,048	5,307,292	0.95	1.24	167,324,192	61,686,131	23.31	11.49
Small grains cut for hay	513,877	.....	5,674,854	.....	5,462,853	.....	0.96	.....	120,229,820	.....	22.01	.....
Annual legumes cut for hay	320,547	.....	1,846,914	.....	1,716,195	.....	0.93	.....	47,094,363	.....	27.44	.....
Wild, salt, or prairie grasses	529,819	539,717	17,126,485	17,186,522	15,631,288	18,383,574	0.91	1.07	226,502,614	91,026,169	14.49	4.95
Silage and miscellaneous forage crops	.....	.....	8,750,075	4,152,169	37,595,014	10,253,080	4.30	2.47	352,876,465	48,964,220	9.39	4.78
Silage crops	378,887	.....	4,003,226	.....	29,682,041	.....	7.41	.....	240,022,388	.....	8.09	.....
Kafir, sorghum, etc., for forage	475,626	.....	4,746,849	.....	7,912,973	.....	1.67	.....	112,854,077	.....	14.26	.....
Corn cut for forage	1,413,490	.....	14,502,932	.....	17,793,742	.....	1.23	.....	206,934,650	.....	11.63	.....
Root crops for forage	51,045	.....	88,333	22,694	598,945	285,865	6.78	12.60	10,089,985	1,369,075	16.85	4.79
GEOGRAPHIC DIVISIONS.												
NEW ENGLAND.												
Total	**145,035**	**177,167**	**3,573,729**	**3,797,726**	**5,308,632**	**4,661,272**	**1.49**	**1.23**	**108,946,054**	**59,127,293**	**20.52**	**12.68**
All hay crops	.....	.....	3,381,095	3,680,573	3,861,503	3,702,132	1.14	1.01	96,309,865	54,582,556	24.94	14.74
Cultivated hay	.....	.....	3,322,344	3,580,605	3,802,809	3,609,095	1.14	1.01	95,388,365	53,673,598	25.08	14.87
Timothy alone	30,654	40,144	459,570	595,037	576,239	664,711	1.25	1.12	16,563,842	10,825,372	28.74	16.29
Timothy and clover mixed	83,599	91,952	1,812,821	1,756,138	2,168,421	1,816,002	1.20	1.03	54,007,901	27,568,396	24.91	15.18
Clover alone	3,228	3,281	24,601	15,097	37,037	21,687	1.51	1.44	920,289	310,633	24.85	14.32
Alfalfa	1,451	415	5,147	1,255	10,993	2,031	2.14	1.62	335,582	32,388	30.53	15.95
Other tame grasses	50,347	.....	933,034	1,133,624	861,379	935,883	0.92	0.83	20,325,516	13,176,247	23.60	14.08
Small grains and legumes	.....	32,425	87,171	79,404	148,740	168,781	1.71	2.13	3,235,235	1,760,562	21.75	10.43
Small grains cut for hay	26,365	.....	77,449	.....	136,826	.....	1.77	.....	2,949,817	.....	21.56	.....
Annual legumes cut for hay	1,337	.....	9,722	.....	11,914	.....	1.23	.....	285,418	.....	23.96	.....
Wild, salt, or prairie grasses	6,282	11,294	58,751	99,968	58,694	93,037	1.00	0.93	921,500	908,958	15.70	9.77
Silage and miscellaneous forage crops	.....	.....	122,559	116,645	1,211,569	953,346	9.89	8.17	9,226,349	4,481,448	7.62	4.70
Silage crops	19,768	.....	121,955	.....	1,210,345	.....	9.92	.....	9,211,000	.....	7.61	.....
Kafir, sorghum, etc., for forage	335	.....	604	.....	1,224	.....	2.03	.....	15,349	.....	12.54	.....
Corn cut for forage	21,701	.....	60,790	.....	189,277	.....	3.11	.....	2,282,385	.....	12.06	.....
Root crops for forage	5,112	.....	9,285	508	46,283	5,794	4.98	11.41	1,127,455	63,289	24.36	10.92
MIDDLE ATLANTIC.												
Total	**381,898**	**411,184**	**9,657,707**	**8,533,162**	**16,359,065**	**11,305,160**	**1.69**	**1.32**	**298,852,986**	**130,633,652**	**18.27**	**11.56**
All hay crops	.....	.....	8,181,183	8,181,113	10,159,859	8,936,001	1.24	1.09	249,060,888	120,562,756	24.51	13.49
Cultivated hay	.....	.....	8,076,787	8,072,821	10,043,718	8,814,140	1.24	1.09	247,483,082	119,554,858	24.64	13.56
Timothy alone	141,428	158,296	1,867,228	2,306,312	2,305,751	2,505,856	1.23	1.09	61,645,228	36,108,784	26.74	14.41
Timothy and clover mixed	272,799	280,066	5,000,059	4,818,714	6,231,216	5,282,363	1.25	1.10	151,872,383	70,667,441	24.37	13.38
Clover alone	24,270	20,498	213,191	158,532	323,382	198,435	1.52	1.25	7,465,604	2,525,626	23.09	12.73
Alfalfa	24,884	9,387	165,788	41,664	357,687	99,447	2.16	2.39	9,834,948	1,379,501	27.50	13.87
Other tame grasses	43,757	.....	707,972	675,371	649,380	583,738	0.92	0.86	13,080,152	7,452,002	20.16	12.77
Small grains and legumes	.....	17,639	122,549	72,228	176,207	144,301	1.44	2.00	3,575,767	1,421,504	20.28	9.85
Small grains cut for hay	22,002	.....	110,499	.....	159,357	.....	1.44	.....	3,263,941	.....	20.48	.....
Annual legumes cut for hay	2,193	.....	12,050	.....	16,940	.....	1.41	.....	311,826	.....	18.41	.....
Wild, salt, or prairie grasses	9,372	9,367	104,396	108,292	116,146	121,861	1.11	1.13	1,577,806	1,007,898	13.58	8.27
Silage and miscellaneous forage crops	.....	.....	511,818	350,858	4,914,697	2,357,271	9.60	6.72	35,388,847	9,978,479	7.20	4.23
Silage crops	68,024	.....	506,984	.....	4,905,395	.....	9.68	.....	35,290,818	.....	7.19	.....
Kafir, sorghum, etc., for forage	1,077	.....	4,834	.....	9,302	.....	1.92	.....	98,029	.....	10.54	.....
Corn cut for forage	134,315	.....	954,536	.....	1,217,133	.....	1.28	.....	13,190,483	.....	10.84	.....
Root crops for forage	6,770	.....	10,170	1,191	67,376	11,888	6.62	9.98	1,212,768	92,417	18.00	7.77
EAST NORTH CENTRAL.												
Total	**928,007**	**860,003**	**20,374,731**	**14,751,984**	**37,693,623**	**20,398,242**	**1.85**	**1.38**	**601,127,752**	**184,753,410**	**15.95**	**9.06**
All hay crops	.....	.....	14,204,086	14,082,093	17,849,999	18,335,732	1.26	1.30	427,758,698	177,069,502	23.96	9.66
Cultivated hay	.....	.....	13,729,109	13,494,027	17,278,343	17,603,438	1.26	1.30	419,976,466	173,004,750	24.31	9.83
Timothy alone	367,232	461,852	4,501,431	6,192,134	5,266,506	7,778,061	1.17	1.26	132,999,124	80,078,923	25.25	10.30
Timothy and clover mixed	451,466	392,879	6,547,231	5,508,367	8,673,285	7,462,915	1.32	1.35	206,834,463	72,768,016	23.85	9.75
Clover alone	130,163	114,571	1,399,487	1,168,404	1,731,755	1,504,748	1.24	1.29	41,661,282	12,991,871	24.06	8.63
Alfalfa	67,363	19,740	389,543	90,220	778,559	226,396	2.00	2.51	23,130,714	2,521,433	29.71	11.14
Other tame grasses	46,837	.....	547,817	368,584	493,838	397,691	0.90	1.08	8,578,663	2,893,372	17.37	7.28
Small grains and legumes	.....	25,811	343,600	166,318	334,400	233,627	0.97	1.40	6,772,220	1,751,135	20.25	7.50
Small grains cut for hay	41,568	.....	238,051	.....	234,229	.....	0.98	.....	4,505,756	.....	19.24	.....
Annual legumes cut for hay	16,041	.....	105,549	.....	100,171	.....	0.95	.....	2,266,464	.....	22.63	.....
Wild, salt, or prairie grasses	39,043	41,004	474,977	588,066	571,656	732,294	1.20	1.25	7,782,232	4,064,752	13.61	5.55
Silage and miscellaneous forage crops	.....	.....	1,836,534	667,483	13,964,356	2,044,148	7.60	3.06	113,665,871	7,563,746	8.14	3.70
Silage crops	184,000	.....	1,817,953	.....	13,934,969	.....	7.67	.....	113,337,158	.....	8.13	.....
Kafir, sorghum, etc., for forage	3,332	.....	18,581	.....	29,387	.....	1.58	.....	328,713	.....	11.19	.....
Corn cut for forage	395,107	.....	4,309,509	.....	5,750,163	.....	1.33	.....	57,936,061	.....	10.08	.....
Root crops for forage	16,502	.....	24,602	2,408	129,105	18,362	5.25	7.63	1,767,122	120,162	13.69	6.54
WEST NORTH CENTRAL.												
Total	**941,163**	**848,427**	**33,310,118**	**27,420,754**	**48,192,328**	**36,393,172**	**1.45**	**1.33**	**689,155,782**	**211,707,417**	**14.30**	**5.82**
All hay crops	.....	.....	26,570,517	26,082,578	30,847,467	33,455,116	1.16	1.28	521,108,598	200,062,426	16.89	5.98
Cultivated hay	.....	.....	13,150,108	13,126,085	18,851,256	19,394,561	1.43	1.48	358,170,505	139,811,701	19.00	7.21
Timothy alone	197,213	227,386	2,972,773	3,942,465	3,440,185	5,119,161	1.16	1.30	68,518,419	38,427,592	19.92	7.51
Timothy and clover mixed	220,946	271,385	3,718,398	5,571,387	5,448,170	7,881,490	1.47	1.41	105,276,350	59,135,440	19.32	7.50
Clover alone	56,005	49,477	636,911	546,537	961,277	742,494	1.51	1.36	19,560,917	5,601,624	20.35	7.54
Alfalfa	236,234	126,839	3,419,916	1,778,369	6,465,070	3,867,357	1.89	2.17	126,210,690	27,081,229	19.52	7.00
Other tame grasses	103,339	.....	1,054,501	1,045,283	1,409,346	1,487,003	1.34	1.42	20,748,632	7,642,297	14.72	5.14
Small grains and legumes	.....	23,475	1,347,609	242,044	1,127,208	297,056	0.84	1.23	17,855,497	1,923,519	15.84	6.48
Small grains cut for hay	83,938	.....	1,236,196	.....	1,012,353	.....	0.82	.....	15,731,560	.....	15.54	.....
Annual legumes cut for hay	11,025	.....	111,413	.....	114,855	.....	1.03	.....	2,123,937	.....	18.49	.....
Wild, salt, or prairie grasses	348,922	360,424	13,420,409	12,956,493	11,996,211	14,060,555	0.89	1.09	162,938,093	60,250,725	13.58	4.29
Silage and miscellaneous forage crops	.....	.....	2,069,470	1,337,002	10,082,869	2,929,755	3.78	2.19	88,786,806	11,589,662	8.81	3.96
Silage crops	72,303	.....	1,135,829	.....	7,077,333	.....	6.23	.....	57,752,966	.....	8.16	.....
Kafir, sorghum, etc., for forage	136,652	.....	1,533,641	.....	3,005,536	.....	1.96	.....	31,033,840	.....	10.33	.....
Corn cut for forage	336,210	.....	4,060,105	.....	7,216,080	.....	1.78	.....	78,625,218	.....	10.90	.....
Root crops for forage	5,655	.....	10,026	1,174	45,912	8,301	4.58	7.07	635,160	55,329	13.83	6.67

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
GEOGRAPHIC DIVISIONS—Con.												
SOUTH ATLANTIC.												
Total	649,513	337,014	6,558,551	2,861,125	5,919,058	2,930,354	0.90	1.02	$136,785,277	$37,968,322	$23.11	$12.96
All hay crops	.....	.....	3,370,687	2,756,054	3,342,374	2,758,623	0.99	1.00	96,356,002	36,671,972	28.83	13.29
Cultivated hay	.....	.....	3,268,485	2,651,254	3,236,982	2,643,361	0.99	1.00	94,013,789	35,435,804	29.04	13.41
Timothy alone	45,104	63,305	428,208	650,159	431,979	652,169	1.01	1.00	13,102,901	8,681,024	30.33	13.31
Timothy and clover mixed	89,512	81,007	971,978	917,313	1,050,285	908,148	1.08	0.99	29,665,020	11,543,467	28.24	12.71
Clover alone	38,945	33,093	227,043	148,312	263,998	173,859	1.16	1.17	7,742,969	2,160,171	29.33	12.42
Alfalfa	11,160	2,362	51,410	8,710	106,894	18,967	2.08	2.18	3,756,226	291,294	35.14	15.36
Other tame grasses	109,045	.....	623,532	420,599	553,609	413,990	0.89	0.98	14,886,464	5,318,877	26.89	12.85
Small grains and legumes	.....	98,483	966,314	506,161	830,217	476,228	0.86	0.94	24,860,209	7,440,971	29.94	15.62
Small grains cut for hay	66,768	.....	279,576	.....	233,813	.....	0.84	.....	6,734,397	.....	28.80	.....
Annual legumes cut for hay	140,147	.....	686,738	.....	596,404	.....	0.87	.....	18,125,812	.....	30.39	.....
Wild, salt, or prairie grasses	21,911	21,593	102,202	104,800	105,392	115,262	1.03	1.10	2,342,213	1,236,168	22.22	10.72
Silage and miscellaneous forage crops	.....	.....	210,199	104,698	877,706	170,503	4.18	1.63	8,931,241	1,285,053	10.18	7.54
Silage crops	11,789	.....	104,583	.....	802,492	.....	7.67	.....	7,074,175	.....	8.82	.....
Kafir, sorghum, etc., for forage	24,034	.....	105,616	.....	75,214	.....	0.71	.....	1,857,066	.....	24.69	.....
Corn cut for forage	300,860	.....	2,974,809	.....	1,692,109	.....	0.57	.....	31,339,903	.....	18.52	.....
Root crops for forage	977	.....	2,856	373	6,869	1,228	2.41	3.29	158,131	11,297	23.02	9.20
EAST SOUTH CENTRAL.												
Total	499,061	284,491	5,024,855	2,507,960	5,158,646	2,627,235	1.03	1.05	121,732,608	30,114,955	23.60	11.46
All hay crops	.....	.....	3,419,269	2,388,132	3,452,358	2,448,368	1.01	1.03	99,847,621	28,774,256	28.92	11.75
Cultivated hay	.....	.....	3,280,257	2,269,107	3,326,497	2,320,909	1.01	1.02	97,298,281	27,431,828	29.25	11.82
Timothy alone	37,230	47,714	319,741	473,619	334,223	490,259	1.05	1.04	10,480,450	5,585,515	31.36	11.39
Timothy and clover mixed	44,754	38,093	475,087	428,163	549,239	448,294	1.16	1.05	17,155,197	5,242,061	31.23	11.69
Clover alone	54,749	29,286	453,349	287,367	511,631	302,158	1.13	1.05	15,648,536	3,501,421	30.59	11.59
Alfalfa	13,579	5,878	113,364	41,784	192,994	74,194	1.70	1.78	6,676,369	973,044	34.59	13.11
Other tame grasses	150,215	.....	1,021,677	697,345	963,048	673,639	0.94	0.97	25,160,192	7,756,672	26.13	11.51
Small grains and legumes	.....	69,007	397,039	340,829	775,362	332,365	0.86	0.98	22,177,537	4,373,115	28.60	13.16
Small grains cut for hay	56,263	.....	296,633	.....	246,207	.....	0.83	.....	6,583,107	.....	26.74	.....
Annual legumes cut for hay	111,813	.....	600,406	.....	529,155	.....	0.88	.....	15,594,430	.....	29.47	.....
Wild, salt, or prairie grasses	24,632	24,136	139,012	119,025	125,861	127,459	0.91	1.07	2,549,340	1,342,428	20.26	10.53
Silage and miscellaneous forage crops	.....	.....	184,213	119,414	649,560	177,587	3.53	1.49	7,552,736	1,332,531	11.63	7.50
Silage crops	6,381	.....	82,141	.....	476,274	.....	5.80	.....	4,708,582	.....	9.89	.....
Kafir, sorghum, etc., for forage	44,153	.....	102,072	.....	173,286	.....	1.70	.....	2,844,154	.....	16.41	.....
Corn cut for forage	150,706	.....	1,417,683	.....	1,051,480	.....	0.74	.....	14,231,280	.....	13.53	.....
Root crops for forage	965	.....	3,690	414	5,248	1,280	1.42	3.09	100,971	8,168	19.24	6.38
WEST SOUTH CENTRAL.												
Total	449,800	246,326	5,674,934	3,340,331	8,036,383	3,496,126	1.42	1.05	153,240,510	30,881,211	19.07	8.83
All hay crops	.....	.....	2,849,103	2,239,702	3,602,104	2,307,561	1.26	1.03	80,089,389	21,024,615	22.23	9.11
Cultivated hay	.....	.....	1,977,240	1,174,924	2,654,690	1,374,098	1.34	1.17	63,727,790	14,947,367	24.01	10.88
Timothy alone	4,754	5,518	35,480	48,779	39,383	47,177	1.11	0.97	983,707	537,616	24.98	11.40
Timothy and clover mixed	8,923	7,073	92,366	79,774	99,445	83,610	1.08	1.05	2,558,094	948,874	25.72	11.35
Clover alone	8,093	3,406	72,366	28,853	90,300	36,748	1.25	1.27	2,424,070	422,755	26.84	11.50
Alfalfa	36,367	24,516	475,619	290,157	962,860	480,988	2.02	1.66	24,899,453	5,390,135	25.86	11.21
Other tame grasses	89,332	.....	604,474	422,064	783,452	422,785	1.30	1.00	16,865,740	4,386,466	21.53	10.38
Small grains and legumes	.....	46,671	696,935	305,297	679,250	302,790	0.97	0.99	15,996,726	3,261,521	23.55	10.77
Small grains cut for hay	79,773	.....	466,399	.....	450,351	.....	0.97	.....	9,912,674	.....	22.01	.....
Annual legumes cut for hay	41,213	.....	230,536	.....	228,899	.....	0.99	.....	6,084,052	.....	26.58	.....
Wild, salt, or prairie grasses	51,543	44,866	871,923	1,064,778	947,414	933,403	1.09	0.88	16,361,599	6,077,248	17.27	6.51
Silage and miscellaneous forage crops	.....	.....	2,478,963	1,099,851	4,180,003	1,187,003	1.69	1.08	69,204,618	9,842,913	16.56	8.29
Silage crops	3,135	.....	65,542	.....	329,882	.....	5.03	.....	3,157,534	.....	9.57	.....
Kafir, sorghum, etc., for forage	239,093	.....	2,413,421	.....	3,850,121	.....	1.60	.....	66,047,084	.....	17.15	.....
Corn cut for forage	39,525	.....	345,175	.....	250,492	.....	0.73	.....	3,862,114	.....	15.42	.....
Root crops for forage	611	.....	1,633	778	3,784	1,562	2.32	2.01	84,389	13,683	22.30	8.76
MOUNTAIN.												
Total	176,756	112,974	7,450,216	4,971,647	10,969,034	8,613,710	1.47	1.73	227,534,638	66,531,763	20.74	7.72
All hay crops	.....	.....	6,479,390	4,654,302	9,469,375	8,225,417	1.46	1.77	208,524,482	64,068,168	22.02	7.79
Cultivated hay	.....	.....	4,959,445	3,008,568	8,245,595	6,586,287	1.66	2.19	184,001,148	51,940,732	22.32	7.89
Timothy alone	9,743	12,106	262,729	335,099	260,936	497,325	0.99	1.48	6,861,363	4,759,483	26.30	9.57
Timothy and clover mixed	10,847	6,098	452,118	228,273	604,292	410,078	1.34	1.80	15,280,543	3,691,580	25.29	9.00
Clover alone	3,360	1,354	47,317	23,310	63,015	51,983	1.33	2.23	1,369,953	383,874	21.74	7.38
Alfalfa	97,859	63,620	2,846,067	1,755,526	6,317,186	4,717,754	2.22	2.69	138,869,394	35,403,233	21.98	7.50
Other tame grasses	14,281	.....	378,512	390,154	388,282	525,514	1.03	1.35	7,861,699	3,969,931	20.25	7.55
Small grains and legumes	.....	18,075	972,702	275,606	611,884	383,633	0.63	1.39	13,758,196	3,732,031	22.48	9.73
Small grains cut for hay	41,714	.....	940,200	.....	574,575	.....	0.61	.....	13,098,913	.....	22.80	.....
Annual legumes cut for hay	1,860	.....	32,502	.....	37,309	.....	1.15	.....	659,283	.....	17.67	.....
Wild, salt, or prairie grasses	19,427	19,695	1,519,945	1,645,734	1,223,780	1,639,130	0.81	1.00	24,523,334	12,127,436	20.04	7.40
Silage and miscellaneous forage crops	.....	.....	634,876	308,770	1,138,637	284,562	1.79	0.92	14,186,214	1,971,395	12.46	6.93
Silage crops	4,751	.....	82,633	.....	400,450	.....	4.85	.....	3,990,259	.....	9.96	.....
Kafir, sorghum, etc., for forage	25,070	.....	552,243	.....	738,187	.....	1.34	.....	10,195,955	.....	13.81	.....
Corn cut for forage	24,398	.....	329,104	.....	326,889	.....	0.99	.....	4,243,928	.....	12.98	.....
Root crops for forage	2,492	.....	6,846	8,575	34,133	103,731	4.99	12.10	580,014	492,200	16.99	4.74
PACIFIC.												
Total	157,928	125,620	4,496,387	4,217,484	8,706,472	7,330,025	1.94	1.74	185,674,617	74,683,152	21.33	10.19
All hay crops	.....	.....	4,324,498	4,162,763	7,770,501	7,047,401	1.80	1.69	174,093,581	73,251,629	22.40	10.39
Cultivated hay	.....	.....	3,889,628	3,663,397	7,284,367	6,486,888	1.87	1.77	166,587,084	69,241,073	22.87	10.67
Timothy alone	7,209	8,349	94,187	142,189	144,228	230,701	1.53	1.62	3,885,711	3,078,586	26.94	13.34
Timothy and clover mixed	20,530	16,273	279,347	234,203	517,433	455,655	1.85	1.95	12,021,726	5,715,055	23.23	12.54
Clover alone	10,065	7,926	86,150	66,851	164,655	126,212	1.91	1.89	3,456,135	1,436,381	20.99	11.38
Alfalfa	53,652	30,255	1,157,957	699,461	3,660,890	2,372,747	3.16	3.39	82,465,158	20,031,741	22.53	8.44
Other tame grasses	12,463	.....	184,138	183,702	301,471	273,062	1.64	1.49	5,665,549	2,958,137	18.79	10.83
Small grains and legumes	.....	86,470	2,087,849	2,336,991	2,495,690	3,028,511	1.20	1.30	59,092,805	36,021,173	23.68	11.89
Small grains cut for hay	95,486	.....	2,029,851	.....	2,415,142	.....	1.19	.....	57,449,664	.....	23.79	.....
Annual legumes cut for hay	3,918	.....	57,998	.....	80,548	.....	1.39	.....	1,643,141	.....	20.40	.....
Wild, salt, or prairie grasses	8,087	7,348	434,870	499,366	486,134	560,513	1.12	1.12	7,506,497	4,010,556	15.44	7.16
Silage and miscellaneous forage crops	.....	.....	101,443	47,448	575,617	148,905	5.67	3.14	5,933,783	918,993	10.31	6.17
Silage crops	8,736	.....	85,606	.....	544,901	.....	6.37	.....	5,499,896	.....	10.09	.....
Kafir, sorghum, etc., for forage	1,880	.....	15,837	.....	30,716	.....	1.94	.....	433,887	.....	14.13	.....
Corn cut for forage	10,668	.....	51,221	.....	100,119	.....	1.95	.....	1,223,278	.....	12.22	.....
Root crops for forage	11,961	.....	19,225	7,273	260,235	133,719	13.54	18.39	4,423,975	512,530	17.00	3.83

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
NEW ENGLAND.												
Maine, total	46,790	57,953	1,245,699	1,255,040	1,326,289	1,113,390	1.06	0.89	$29,568,372	$15,118,195	$22.29	$13.58
All hay crops			1,227,080	1,243,198	1,206,323	1,030,906	0.98	0.83	28,321,975	14,703,218	23.48	14.26
Cultivated hay			1,212,918	1,218,641	1,193,717	1,009,758	0.98	0.83	28,151,790	14,510,437	23.58	14.37
Timothy alone	8,121	9,621	153,059	166,080	167,369	143,855	1.09	0.87	4,435,283	2,112,052	26.50	14.68
Timothy and clover mixed	31,327	33,112	722,210	643,189	727,382	559,293	1.01	0.87	17,457,168	8,158,437	24.00	14.59
Clover alone	995	952	9,387	4,818	12,221	5,753	1.30	1.19	268,862	77,401	22.00	13.45
Alfalfa	111	51	730	174	944	216	1.29	1.24	28,320	2,873	30.00	13.30
Other tame grasses	14,279		309,895	390,992	258,499	275,582	0.83	0.70	5,402,782	3,881,975	20.90	14.09
Small grains and legumes		7,095	17,637	13,388	27,302	25,059	1.55	1.87	559,375	277,699	20.49	11.08
Small grains cut for hay	5,393		15,100		24,635		1.63		492,700		20.00	
Annual legumes cut for hay	314		2,537		2,667		1.05		66,675		25.00	
Wild, salt, or prairie grasses	1,463	2,857	14,102	24,557	12,606	21,148	0.89	0.86	170,185	192,781	13.50	9.12
Silage and miscellaneous forage crops			10,801	11,761	87,878	81,324	8.14	6.91	747,947	401,776	8.51	4.94
Silage crops	2,912		10,687		87,634		8.20		744,892		8.50	
Kafir, sorghum, etc., for forage	80		114		244		2.14		3,055		12.52	
Corn cut for forage	3,302		6,255		22,817		3.65		285,217		12.50	
Root crops for forage	1,872		1,563	81	9,271	1,160	5.93	14.32	213,233	13,201	23.00	11.38
New Hampshire, total	19,524	25,712	405,303	529,820	606,713	582,579	1.30	1.10	13,616,378	7,847,146	22.44	13.47
All hay crops			449,459	517,096	480,615	473,633	1.07	0.92	12,388,144	7,311,629	25.78	15.44
Cultivated hay			438,854	495,560	470,484	455,527	1.07	0.92	12,226,048	7,131,119	25.99	15.65
Timothy alone	3,893	5,799	63,929	84,155	77,542	83,412	1.21	0.99	2,287,491	1,441,229	29.50	17.28
Timothy and clover mixed	10,026	12,100	197,567	210,196	224,332	203,106	1.14	0.97	6,056,964	3,264,686	27.00	16.07
Clover alone	347	548	2,819	2,420	3,719	3,292	1.32	1.36	100,413	49,201	27.00	14.95
Alfalfa	105	41	379	47	707	97	1.87	2.06	24,394	1,387	34.50	14.30
Other tame grasses	8,706		161,651	186,040	141,754	140,872	0.88	0.76	3,260,342	2,097,716	23.00	14.89
Small grains and legumes		6,036	12,509	12,702	22,430	24,748	1.79	1.95	496,444	276,900	22.13	11.19
Small grains cut for hay	4,343		11,138		20,938		1.88		460,636		22.00	
Annual legumes cut for hay	175		1,371		1,492		1.09		35,808		24.00	
Wild, salt, or prairie grasses	1,294	2,495	10,605	21,536	10,131	18,106	0.96	0.84	162,096	180,510	16.00	9.97
Silage and miscellaneous forage crops			10,006	12,700	105,226	108,453	10.52	8.54	948,132	530,260	9.01	4.89
Silage crops	1,940		9,891		104,954		10.61		944,596		9.00	
Kafir, sorghum, etc., for forage	40		115		272		2.37		3,536		13.00	
Corn cut for forage	2,281		5,426		18,755		3.46		225,060		12.00	
Root crops for forage	383		412	24	2,117	493	5.14	20.54	55,042	5,259	26.00	10.67
Vermont, total	28,163	31,924	991,757	1,030,625	1,748,358	1,502,780	1.76	1.46	29,581,464	16,335,892	16.92	10.87
All hay crops			926,366	975,177	1,211,240	1,049,454	1.31	1.08	25,714,465	14,293,538	21.23	13.62
Cultivated hay			913,595	961,226	1,198,094	1,036,402	1.31	1.08	25,550,136	14,168,651	21.33	13.67
Timothy alone	5,394	7,201	113,469	162,422	147,613	179,847	1.30	1.11	3,321,296	2,557,309	22.50	14.22
Timothy and clover mixed	20,834	21,240	626,541	567,016	857,575	628,098	1.37	1.11	18,866,650	8,910,372	22.00	14.19
Clover alone	657	680	5,580	4,136	9,958	6,040	1.78	1.61	214,100	89,449	21.50	13.47
Alfalfa	452	100	1,765	252	3,914	515	2.22	2.04	90,022	8,147	23.00	15.82
Other tame grasses	6,038		147,731	203,223	144,643	173,681	0.98	0.85	2,458,931	2,103,838	17.00	12.11
Small grains and legumes		7,662	18,509	24,177	34,391	47,621	1.86	1.97	599,137	499,536	17.42	10.49
Small grains cut for hay	5,226		17,234		32,586		1.89		570,257		17.50	
Annual legumes cut for hay	185		1,275		1,805		1.42		28,880		16.00	
Wild, salt, or prairie grasses	948	1,134	12,771	13,051	13,146	13,052	1.03	0.94	164,329	124,887	12.50	9.57
Silage and miscellaneous forage crops			49,039	55,367	475,338	452,465	9.52	8.17	3,090,319	2,034,674	6.50	4.50
Silage crops	7,446		49,872		475,161		9.53		3,088,549		6.50	
Kafir, sorghum, etc., for forage	47		67		177		2.64		1,770		10.00	
Corn cut for forage	4,577		12,847		51,850		4.04		518,500		10.00	
Root crops for forage	423		2,605	81	9,930	861	3.81	10.63	258,180	7,680	26.00	8.12
Massachusetts, total	26,978	33,569	466,330	519,580	871,573	832,727	1.87	1.60	20,149,137	11,290,758	23.12	13.56
All hay crops			421,533	498,024	546,011	643,823	1.30	1.29	16,942,627	10,343,734	31.03	16.07
Cultivated hay			409,843	472,734	533,400	618,178	1.30	1.31	16,709,320	10,087,494	31.33	16.32
Timothy alone	7,399	9,945	78,407	106,802	112,817	153,622	1.44	1.44	3,948,595	2,858,598	35.00	18.61
Timothy and clover mixed	12,719	14,302	159,212	185,821	221,379	249,317	1.39	1.34	7,084,128	4,338,496	32.00	17.40
Clover alone	578	612	3,513	1,920	5,463	3,145	1.56	1.64	161,162	51,652	29.50	16.42
Alfalfa	392	96	1,163	232	2,604	394	2.24	1.70	93,744	6,147	36.00	15.60
Other tame grasses	8,569		149,597	162,437	156,813	165,999	1.05	1.02	4,547,577	2,423,306	29.00	14.60
Small grains and legumes		6,368	17,951	15,522	34,324	45,701	1.91	2.94	874,114	409,295	25.47	8.96
Small grains cut for hay	5,891		16,581		32,022		1.93		816,564		25.50	
Annual legumes cut for hay	322		1,370		2,302		1.68		57,550		25.00	
Wild, salt, or prairie grasses	1,403	2,976	11,690	25,290	12,611	25,045	1.08	1.01	233,307	256,240	18.50	9.99
Silage and miscellaneous forage crops			24,179	21,345	256,398	186,087	10.60	8.75	2,053,254	921,880	8.01	4.94
Silage crops	3,672		23,997		256,053		10.67		2,048,424		8.00	
Kafir, sorghum, etc., for forage	116		182		345		1.90		4,830		14.00	
Corn cut for forage	5,767		17,266		50,668		2.93		709,352		14.00	
Root crops for forage	1,521		3,352	211	18,496	2,217	5.52	10.51	443,904	25,144	24.00	11.34
Rhode Island, total	3,558	4,546	50,490	61,330	90,926	80,309	1.80	1.31	2,319,136	1,309,757	25.51	16.31
All hay crops			43,984	59,602	54,522	72,258	1.24	1.21	1,851,027	1,258,357	33.95	17.41
Cultivated hay			43,287	58,203	53,882	71,064	1.24	1.22	1,836,307	1,245,547	34.08	17.53
Timothy alone	1,007	1,421	9,360	16,604	12,565	21,892	1.34	1.32	471,189	412,692	37.50	18.85
Timothy and clover mixed	1,520	1,917	17,242	22,046	22,005	28,292	1.28	1.28	781,179	507,738	35.50	17.95
Clover alone	57	60	303	205	526	295	1.74	1.44	18,674	4,786	35.50	16.22
Alfalfa	32	11	110	34	304	78	2.76	2.29	12,160	1,290	40.00	16.54
Other tame grasses	1,176		12,577	16,809	12,727	15,874	1.01	0.94	394,537	262,513	31.00	16.54
Small grains and legumes		926	3,695	2,505	5,755	4,633	1.56	1.85	158,568	56,528	27.55	12.20
Small grains cut for hay	904		2,959		4,694		1.59		126,738		27.00	
Annual legumes cut for hay	90		736		1,061		1.44		31,830		30.00	
Wild, salt, or prairie grasses	118	226	697	1,399	640	1,194	0.92	0.85	14,720	12,810	23.00	10.73
Silage and miscellaneous forage crops			2,576	1,713	26,363	7,871	10.23	4.59	303,193	49,035	11.50	6.23
Silage crops	340		2,557		26,341		10.30		302,923		11.50	
Kafir, sorghum, etc., for forage	8		19		22		1.16		270		12.27	
Corn cut for forage	1,076		3,588		8,201		2.29		118,916		14.50	
Root crops for forage	232		342	15	1,840	180	5.38	12.00	46,000	2,365	25.00	13.14

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
NEW ENGLAND—Continued.												
Connecticut, total	20,022	23,463	354,150	401,331	664,773	549,487	1.88	1.37	$13,711,567	$7,225,543	$20.63	$13.15
All hay crops			312,673	387,476	362,792	432,058	1.16	1.12	11,091,627	6,672,080	30.57	15.44
Cultivated hay			303,847	374,241	353,232	418,166	1.16	1.12	10,914,764	6,530,350	30.90	15.62
Timothy alone	4,840	6,157	41,346	58,974	58,333	82,083	1.41	1.39	2,099,988	1,443,492	36.00	17.59
Timothy and clover mixed	7,173	9,281	90,049	127,920	115,748	147,896	1.29	1.16	3,761,812	2,388,667	32.50	16.15
Clover alone	594	429	2,999	1,598	5,150	2,562	1.72	1.60	157,078	38,144	30.50	14.89
Alfalfa	359	116	1,000	516	2,520	731	2.52	1.42	86,942	12,544	34.50	17.16
Other tame grasses	10,679		151,583	174,123	146,943	163,875	0.97	0.94	4,261,347	2,406,899	29.00	14.69
Small grains and legumes		4,338	16,870	11,110	24,538	21,019	1.45	1.89	547,597	240,604	22.32	11.45
Small grains cut for hay	4,608		14,437		21,951		1.52		482,922		22.00	
Annual legumes cut for hay	251		2,433		2,587		1.06		64,675		25.00	
Wild, salt, or prairie grasses	1,056	1,606	8,826	13,235	9,560	13,892	1.08	1.05	176,863	141,730	18.50	10.20
Silage and miscellaneous forage crops			25,058	13,759	260,366	116,546	10.39	8.47	2,083,504	543,823	8.00	4.67
Silage crops	3,458		24,951		260,202		10.43		2,081,616		8.00	
Kafir, sorghum, etc., for forage	44		107		164		1.53		1,888		11.51	
Corn cut for forage	4,698		15,408		36,986		2.40		425,340		11.50	
Root crops for forage	681		1,011	96	4,629	883	4.58	9.20	111,096	9,640	24.00	10.92
MIDDLE ATLANTIC.												
New York, total	178,404	195,654	5,502,943	5,043,621	9,728,317	7,056,980	1.77	1.40	169,494,524	77,373,333	17.42	10.96
All hay crops			4,987,520	4,783,592	6,264,685	5,171,964	1.26	1.08	143,962,495	69,408,536	22.98	13.42
Cultivated hay			4,921,990	4,721,015	6,193,797	5,108,930	1.26	1.08	143,040,951	68,796,183	23.09	13.47
Timothy alone	54,552	63,343	820,573	1,078,358	1,089,244	1,159,083	1.33	1.07	27,231,100	16,944,241	25.00	14.62
Timothy and clover mixed	133,851	137,762	3,169,673	2,936,470	3,979,322	3,215,021	1.26	1.10	91,524,406	42,530,142	23.00	13.23
Clover alone	12,851	10,963	121,959	87,267	196,007	114,864	1.61	1.32	4,116,147	1,413,693	21.00	12.31
Alfalfa	15,602	7,413	119,783	35,343	257,785	87,042	2.15	2.46	6,702,410	1,182,246	26.00	13.58
Other tame grasses	28,967		595,829	537,103	533,595	443,626	0.90	0.83	10,671,900	5,828,403	20.00	13.14
Small grains and legumes		13,097	94,173	47,474	137,844	89,294	1.46	1.88	2,794,988	897,458	20.28	10.05
Small grains cut for hay	16,039		88,708		130,133		1.47		2,667,742		20.50	
Annual legumes cut for hay	788		5,465		7,711		1.41		127,246		16.50	
Wild, salt, or prairie grasses	5,060	5,566	65,530	62,577	70,888	63,034	1.08	1.01	921,544	612,353	13.00	9.71
Silage and miscellaneous forage crops			330,915	250,251	3,161,752	1,877,416	9.55	7.24	22,145,965	7,903,145	7.00	4.21
Silage crops	42,368		329,314		3,157,185		9.59		22,100,295		7.00	
Kafir, sorghum, etc., for forage	543		1,601		4,567		2.85		45,670		10.00	
Corn cut for forage	49,086		177,833		255,972		1.44		2,559,720		10.00	
Root crops for forage	4,662		6,675	778	45,908	7,600	6.88	9.77	826,344	61,652	18.00	8.11
New Jersey, total	20,985	23,837	387,642	401,351	674,479	569,973	1.74	1.42	14,017,095	7,630,037	20.78	13.39
All hay crops			291,739	391,326	394,865	511,338	1.35	1.31	11,320,102	7,377,689	28.67	14.43
Cultivated hay			273,508	358,180	372,830	463,596	1.36	1.29	11,000,589	7,092,456	29.51	15.30
Timothy alone	7,444	9,730	74,714	117,008	87,983	146,700	1.18	1.25	2,815,456	2,410,402	32.00	16.49
Timothy and clover mixed	12,356	15,246	135,998	183,752	192,220	236,490	1.41	1.29	5,766,600	3,678,585	30.00	15.55
Clover alone	1,131	1,110	9,497	6,893	12,569	9,475	1.32	1.37	364,501	140,308	29.00	14.81
Alfalfa	2,521	349	15,232	1,386	35,576	3,251	2.34	2.35	1,138,432	53,601	32.00	16.49
Other tame grasses	2,315		25,845	32,650	28,474	38,147	1.10	1.17	583,721	445,210	20.50	11.67
Small grains and legumes		1,871	12,222	16,491	16,008	29,533	1.31	1.79	331,879	355,350	20.73	12.03
Small grains cut for hay	1,517		9,222		11,719		1.27		246,099		21.00	
Annual legumes cut for hay	521		3,000		4,289		1.43		85,780		20.00	
Wild, salt, or prairie grasses	1,149	1,772	18,231	33,146	22,035	47,742	1.21	1.44	319,513	285,233	14.50	5.97
Silage and miscellaneous forage crops			18,347	9,868	158,411	56,830	8.63	5.76	1,269,179	242,195	8.01	4.26
Silage crops	1,745		17,995		157,872		8.77		1,262,976		8.00	
Kafir, sorghum, etc., for forage	73		352		539		1.53		6,203		11.51	
Corn cut for forage	7,298		76,405		115,976		1.52		1,333,728		11.50	
Root crops for forage	555		1,151	157	5,227	1,805	4.54	11.50	94,086	10,153	18.00	5.62
Pennsylvania, total	182,509	191,693	3,767,122	3,088,190	5,956,269	3,678,207	1.58	1.19	115,341,367	45,630,282	19.36	12.41
All hay crops			2,901,924	3,006,195	3,500,309	3,252,699	1.21	1.08	93,778,291	43,776,531	26.79	13.46
Cultivated hay			2,881,289	2,993,626	3,477,086	3,241,614	1.21	1.08	93,441,542	43,666,219	26.87	13.47
Timothy alone	79,432	85,223	971,941	1,110,946	1,128,524	1,200,073	1.16	1.08	31,598,672	16,745,141	28.00	13.95
Timothy and clover mixed	126,592	127,058	1,694,388	1,699,492	2,059,674	1,830,852	1.22	1.08	54,581,377	24,458,714	26.50	13.36
Clover alone	10,288	8,425	81,735	64,372	114,806	74,096	1.40	1.15	2,984,956	971,625	26.00	13.11
Alfalfa	6,761	1,625	30,773	4,935	64,326	9,154	2.09	1.85	1,994,106	143,654	31.00	15.69
Other tame grasses	12,475		86,298	105,618	87,311	101,965	1.01	0.97	1,833,531	1,178,389	21.00	11.56
Small grains and legumes		2,671	16,154	8,263	22,415	25,474	1.39	3.08	448,900	168,696	20.00	6.62
Small grains cut for hay	3,546		12,569		17,505		1.39		350,100		20.00	
Annual legumes cut for hay	884		3,585		4,940		1.38		98,800		20.00	
Wild, salt, or prairie grasses	3,163	2,019	20,635	12,569	23,223	11,085	1.13	0.88	336,749	110,312	14.50	9.95
Silage and miscellaneous forage crops			162,556	81,739	1,594,534	423,025	9.81	5.18	11,973,703	1,833,139	7.51	4.33
Silage crops	23,911		159,675		1,590,338		9.96		11,927,547		7.50	
Kafir, sorghum, etc., for forage	461		2,881		4,196		1.46		46,156		11.00	
Corn cut for forage	77,931		700,298		845,185		1.21		9,297,035		11.00	
Root crops for forage	1,553		2,344	256	16,241	2,483	6.93	9.70	292,338	20,612	18.00	8.30
EAST NORTH CENTRAL.												
Ohio, total	222,068	203,044	4,917,259	3,306,619	7,661,890	4,522,066	1.56	1.37	130,187,929	42,362,114	16.99	9.37
All hay crops			3,028,527	3,184,331	3,716,036	4,076,609	1.23	1.28	94,431,119	40,915,967	25.41	10.04
Cultivated hay			3,023,131	3,181,860	3,711,630	4,073,664	1.23	1.28	94,373,841	40,897,507	25.43	10.04
Timothy alone	115,899	140,080	1,436,301	1,887,960	1,702,031	2,348,660	1.18	1.24	43,401,812	24,388,403	25.50	10.38
Timothy and clover mixed	98,054	82,766	1,190,646	1,016,966	1,467,155	1,346,347	1.23	1.32	36,678,875	13,042,834	25.00	9.69
Clover alone	25,194	20,329	250,010	181,048	300,680	239,492	1.20	1.32	7,517,000	2,115,024	25.00	8.83
Alfalfa	17,831	6,945	94,418	29,439	187,904	70,126	1.99	2.38	5,637,120	779,804	30.00	11.12
Other tame grasses	3,457		26,335	61,010	25,011	57,069	0.95	0.94	525,231	490,382	21.00	8.59
Small grains and legumes		1,133	25,421	5,437	28,849	11,970	1.13	2.20	613,503	80,970	21.28	6.76
Small grains cut for hay	4,455		19,751		20,875		1.06		438,375		21.00	
Annual legumes cut for hay	1,391		5,670		7,974		1.41		175,428		22.00	
Wild, salt, or prairie grasses	413	253	3,396	2,471	4,406	2,945	1.30	1.19	57,278	18,460	13.00	6.27
Silage and miscellaneous forage crops			229,536	122,098	1,913,358	444,019	8.34	3.64	15,321,168	1,436,115	8.01	3.23
Silage crops	29,419		224,469		1,906,206		8.49		15,249,648		8.00	
Kafir, sorghum, etc., for forage	760		5,067		7,152		1.41		71,520		10.00	
Corn cut for forage	112,980		1,659,177		2,023,982		1.22		20,239,820		10.00	
Root crops for forage	535		2,019	190	8,514	1,438	4.22	7.57	195,822	10,032	23.00	6.98

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
EAST NORTH CENTRAL—Continued.												
Indiana, total	**165,604**	**148,400**	**3,303,056**	**2,301,069**	**5,133,742**	**2,882,822**	**1.55**	**1.25**	**$79,874,640**	**$24,902,395**	**$15.56**	**$8.64**
All hay crops	.....	.....	2,013,983	2,098,256	2,280,863	2,527,391	1.13	1.20	54,978,796	23,545,024	24.10	9.32
Cultivated hay	.....	.....	1,992,818	2,037,397	2,259,810	2,464,165	1.13	1.21	54,705,107	23,238,027	24.21	9.43
Timothy alone	70,308	97,160	807,501	1,200,380	910,677	1,442,218	1.13	1.20	22,766,925	14,337,656	25.00	9.94
Timothy and clover mixed	50,667	34,774	650,045	426,376	747,656	524,385	1.15	1.23	17,943,744	4,852,978	24.00	9.25
Clover alone	30,674	25,949	334,974	271,697	356,255	314,818	1.06	1.16	8,193,865	2,540,101	23.00	8.07
Alfalfa	10,139	4,115	62,351	17,898	107,485	40,320	1.72	2.25	3,117,065	435,807	29.00	10.81
Other tame grasses	7,310	.....	58,216	78,479	53,977	75,835	0.93	1.03	971,586	575,181	18.00	7.58
Small grains and legumes	.....	7,342	79,731	47,567	83,760	66,589	1.05	1.40	1,711,922	496,304	20.44	7.45
Small grains cut for hay	10,714	.....	61,181	.....	65,399	.....	1.07	.....	1,307,980	.....	20.00	.....
Annual legumes cut for hay	3,070	.....	18,550	.....	18,361	.....	0.99	.....	403,942	.....	22.00	.....
Wild, salt, or prairie grasses	1,766	2,489	21,165	60,859	21,053	63,226	0.99	1.04	273,689	306,997	13.00	4.86
Silage and miscellaneous forage crops	.....	.....	240,102	202,716	1,626,583	354,590	6.77	1.75	13,841,095	1,352,723	8.51	3.81
Silage crops	23,820	.....	234,100	.....	1,616,509	.....	6.91	.....	13,740,355	.....	8.50	.....
Kafir, sorghum, etc., for forage	1,049	.....	6,062	.....	10,074	.....	1.66	.....	100,740	.....	10.00	.....
Corn cut for forage	97,174	.....	1,048,464	.....	1,222,679	.....	1.17	.....	11,004,111	.....	9.00	.....
Root crops for forage	267	.....	447	97	3,617	841	8.09	8.67	50,638	4,648	14.00	5.53
Illinois, total	**184,791**	**176,355**	**4,013,476**	**3,349,639**	**7,063,254**	**4,355,397**	**1.76**	**1.30**	**120,790,711**	**40,566,162**	**17.10**	**9.31**
All hay crops	.....	.....	3,014,762	3,216,575	3,637,380	4,061,065	1.21	1.26	87,726,056	39,262,810	24.12	9.67
Cultivated hay	.....	.....	2,950,586	3,103,597	3,573,040	3,932,534	1.21	1.27	86,567,936	38,371,672	24.23	9.76
Timothy alone	80,873	109,050	1,021,517	1,587,219	1,135,466	1,947,572	1.11	1.23	28,954,155	20,028,646	25.50	10.28
Timothy and clover mixed	52,717	46,913	837,838	827,625	1,189,588	1,123,254	1.42	1.36	28,550,112	11,177,121	24.00	9.95
Clover alone	40,409	34,037	507,443	427,057	627,808	539,790	1.24	1.26	15,696,700	4,660,696	25.00	8.63
Alfalfa	14,442	3,116	88,968	18,344	214,670	52,284	2.41	2.85	6,440,100	583,476	30.00	11.16
Other tame grasses	20,003	.....	355,360	102,226	281,281	109,806	0.79	1.05	4,359,885	1,088,746	15.50	6.41
Small grains and legumes	.....	10,426	139,460	80,226	124,177	99,828	0.89	1.24	2,566,984	832,987	20.67	8.34
Small grains cut for hay	9,039	.....	69,557	.....	64,247	.....	0.92	.....	1,188,594	.....	18.50	.....
Annual legumes cut for hay	9,501	.....	69,903	.....	59,930	.....	0.86	.....	1,378,390	.....	23.00	.....
Wild, salt, or prairie grasses	4,552	6,415	64,176	112,978	64,340	128,531	1.00	1.14	1,158,120	891,138	18.00	6.93
Silage and miscellaneous forage crops	.....	.....	327,038	133,020	2,333,699	293,974	7.14	2.21	21,046,736	1,300,772	9.02	4.42
Silage crops	23,812	.....	321,068	.....	2,325,010	.....	7.24	.....	20,925,090	.....	9.00	.....
Kafir, sorghum, etc., for forage	1,102	.....	5,970	.....	8,689	.....	1.46	.....	121,646	.....	14.00	.....
Corn cut for forage	65,347	.....	671,285	.....	1,090,178	.....	1.62	.....	11,991,958	.....	11.00	.....
Root crops for forage	232	.....	391	44	1,997	358	5.11	8.14	25,961	2,580	13.00	7.21
Michigan, total	**175,241**	**170,956**	**3,644,952**	**2,715,447**	**6,345,510**	**3,634,196**	**1.74**	**1.34**	**105,280,992**	**36,049,801**	**16.59**	**9.92**
All hay crops	.....	.....	2,866,726	2,625,193	3,172,012	3,247,282	1.11	1.24	79,194,473	34,670,988	24.97	10.68
Cultivated hay	.....	.....	2,816,870	2,591,848	3,114,041	3,207,312	1.11	1.24	78,411,846	34,438,572	25.18	10.74
Timothy alone	50,754	58,731	655,784	749,563	718,012	929,165	1.09	1.24	18,668,312	10,490,364	26.00	11.30
Timothy and clover mixed	119,229	119,320	1,852,789	1,625,229	2,044,711	1,991,618	1.10	1.23	51,117,775	21,276,325	25.00	10.68
Clover alone	12,688	18,987	120,299	168,180	131,517	216,862	1.09	1.29	3,156,408	2,103,819	24.00	9.70
Alfalfa	11,942	1,456	74,059	6,553	118,571	13,872	1.60	2.12	3,438,559	160,273	29.00	11.55
Other tame grasses	7,785	.....	47,931	22,908	50,581	26,760	1.06	1.17	1,062,201	227,794	21.00	8.51
Small grains and legumes	.....	3,683	66,008	19,415	50,649	29,095	0.77	1.50	968,591	170,997	19.12	5.89
Small grains cut for hay	10,421	.....	59,454	.....	44,389	.....	0.75	.....	843,391	.....	19.00	.....
Annual legumes cut for hay	1,166	.....	6,554	.....	6,260	.....	0.96	.....	125,200	.....	20.00	.....
Wild, salt, or prairie grasses	5,831	3,899	49,856	33,345	57,971	39,970	1.16	1.20	782,627	232,416	13.50	5.81
Silage and miscellaneous forage crops	.....	.....	348,303	89,416	2,551,893	379,887	7.33	4.25	19,139,518	1,329,047	7.50	3.50
Silage crops	38,303	.....	348,254	.....	2,551,806	.....	7.33	.....	19,138,561	.....	7.50	.....
Kafir, sorghum, etc., for forage	12	.....	49	.....	87	.....	1.78	.....	957	.....	11.00	.....
Corn cut for forage	53,767	.....	418,031	.....	566,932	.....	1.36	.....	6,236,252	.....	11.00	.....
Root crops for forage	6,918	.....	11,892	838	54,673	7,027	4.60	8.39	710,749	49,766	13.00	7.08
Wisconsin, total	**180,303**	**161,248**	**4,495,988**	**3,079,210**	**11,489,227**	**5,003,761**	**2.56**	**1.63**	**164,993,480**	**40,872,938**	**14.36**	**8.17**
All hay crops	.....	.....	3,282,088	2,957,738	5,043,708	4,423,385	1.54	1.50	111,428,254	38,674,713	22.09	8.74
Cultivated hay	.....	.....	2,945,704	2,579,325	4,619,822	3,925,763	1.57	1.52	105,917,736	36,058,972	22.93	9.19
Timothy alone	49,398	56,831	580,328	767,012	800,330	1,110,446	1.38	1.45	19,207,920	10,824,854	24.00	9.75
Timothy and clover mixed	130,799	109,106	2,015,913	1,612,171	3,224,175	2,477,311	1.60	1.54	72,543,957	22,418,758	22.50	9.05
Clover alone	21,198	15,269	136,761	110,522	315,435	193,786	1.69	1.62	7,097,309	1,572,231	22.50	8.11
Alfalfa	13,009	4,108	69,747	17,986	149,929	49,794	2.15	2.77	4,497,870	561,983	30.00	11.29
Other tame grasses	8,282	.....	59,975	48,961	82,988	68,221	1.38	1.39	1,659,760	511,269	20.00	7.49
Small grains and legumes	.....	3,227	32,980	13,673	46,965	26,205	1.42	1.92	910,920	169,877	19.40	6.48
Small grains cut for hay	6,939	.....	28,108	.....	39,319	.....	1.40	.....	727,416	.....	18.50	.....
Annual legumes cut for hay	913	.....	4,872	.....	7,646	.....	1.57	.....	183,504	.....	24.00	.....
Wild, salt, or prairie grasses	27,081	27,948	336,384	378,413	423,886	497,622	1.26	1.32	5,510,518	2,615,741	13.00	5.26
Silage and miscellaneous forage crops	.....	.....	691,495	120,233	5,538,823	571,678	8.01	4.75	44,317,354	2,145,089	8.00	3.75
Silage crops	68,646	.....	690,062	.....	5,535,438	.....	8.02	.....	44,283,504	.....	8.00	.....
Kafir, sorghum, etc., for forage	409	.....	1,433	.....	3,385	.....	2.36	.....	33,850	.....	10.00	.....
Corn cut for forage	65,839	.....	512,552	.....	846,392	.....	1.65	.....	8,463,920	.....	10.00	.....
Root crops for forage	8,550	.....	9,853	1,239	60,304	8,698	6.12	7.02	783,952	53,136	13.00	6.11
WEST NORTH CENTRAL.												
Minnesota, total	**165,597**	**138,880**	**5,029,397**	**3,946,152**	**9,291,671**	**6,037,527**	**1.85**	**1.53**	**115,665,984**	**26,730,202**	**12.45**	**4.43**
All hay crops	.....	.....	4,119,696	3,823,895	5,665,616	5,631,168	1.38	1.47	83,335,911	25,223,041	14.71	4.48
Cultivated hay	.....	.....	1,894,425	1,835,231	2,931,121	2,917,047	1.55	1.59	49,154,707	15,614,010	16.77	5.35
Timothy alone	37,232	45,100	514,658	780,375	656,023	1,101,510	1.27	1.41	11,152,391	5,913,196	17.00	5.37
Timothy and clover mixed	66,111	54,047	938,045	829,600	1,543,144	1,433,075	1.65	1.73	26,233,448	7,915,659	17.00	5.52
Clover alone	11,336	6,846	96,202	57,358	173,853	106,334	1.81	1.85	2,955,501	572,799	17.00	5.39
Alfalfa	9,138	568	45,410	2,288	115,327	6,314	2.54	2.76	2,594,879	44,540	22.50	7.05
Other tame grasses	16,802	.....	204,631	145,629	327,089	238,754	1.60	1.64	4,579,246	1,024,696	14.00	4.29
Small grains and legumes	.....	2,775	95,479	19,981	115,685	31,060	1.21	1.55	1,639,242	143,120	14.17	4.61
Small grains cut for hay	9,412	.....	89,309	.....	105,859	.....	1.18	.....	1,482,026	.....	14.00	.....
Annual legumes cut for hay	658	.....	6,110	.....	9,826	.....	1.61	.....	157,216	.....	16.00	.....
Wild, salt, or prairie grasses	97,622	84,552	2,225,271	1,988,664	2,734,495	2,714,121	1.23	1.36	34,181,204	9,609,031	12.50	3.54
Silage and miscellaneous forage crops	.....	.....	289,085	121,658	2,217,648	402,010	7.67	3.30	16,724,093	1,474,693	7.54	3.67
Silage crops	24,516	.....	282,675	.....	2,200,973	.....	7.79	.....	16,507,318	.....	7.50	.....
Kafir, sorghum, etc., for forage	993	.....	6,410	.....	16,675	.....	2.60	.....	216,775	.....	13.00	.....
Corn cut for forage	64,895	.....	614,598	.....	1,375,982	.....	2.24	.....	15,135,802	.....	11.00	.....
Root crops for forage	4,765	.....	6,018	599	32,425	4,349	5.39	7.26	470,178	32,468	14.50	7.47

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
WEST NORTH CENTRAL—Continued.												
Iowa, total	**186,430**	**180,698**	**4,555,824**	**5,047,435**	**9,327,772**	**7,827,696**	**2.05**	**1.55**	**$146,959,888**	**$59,395,318**	**$15.76**	**$7.59**
All hay crops			3,582,145	4,869,041	5,348,102	7,312,591	1.49	1.50	107,990,944	56,893,892	20.19	7.78
Cultivated hay			3,086,705	4,023,087	4,721,915	6,134,591	1.53	1.52	97,345,765	49,980,178	20.62	8.15
Timothy alone	50,817	65,376	808,390	1,312,422	1,014,218	1,952,956	1.25	1.49	21,298,578	16,307,556	21.00	8.35
Timothy and clover mixed	89,565	103,805	1,704,997	2,445,836	2,653,076	3,732,186	1.56	1.53	54,388,085	30,380,941	20.50	8.14
Clover alone	19,015	8,851	273,912	125,751	427,693	195,579	1.56	1.56	8,767,733	1,523,966	20.50	7.79
Alfalfa	18,749	4,301	172,043	29,143	438,338	84,569	2.55	2.99	9,643,436	718,271	22.00	8.49
Other tame grasses	9,938		73,105	92,804	111,967	188,707	1.53	1.49	1,847,481	856,501	16.50	6.17
Small grains and legumes		2,130	54,258	17,131	76,623	30,594	1.41	1.79	1,400,452	192,943	18.28	6.31
Small grains cut for hay	6,823		46,839		66,004		1.41		1,188,072		18.00	
Annual legumes cut for hay	838		7,419		10,619		1.43		212,380		20.00	
Wild, salt, or prairie grasses	35,632	49,131	495,440	845,954	626,187	1,178,000	1.26	1.39	10,645,179	6,913,714	17.00	5.87
Silage and miscellaneous forage crops			318,697	178,342	2,391,883	514,544	7.51	2.89	20,702,873	2,498,231	8.66	4.86
Silage crops	21,155		298,645		2,334,676		7.82		19,844,768		8.50	
Kafir, sorghum, etc., for forage	4,250		20,052		57,207		2.85		858,105		15.00	
Corn cut for forage	72,180		653,872		1,583,457		2.42		18,209,781		11.50	
Root crops for forage	270		1,110	52	4,330	561	3.90	10.79	56,290	3,195	13.00	5.70
Missouri, total	**203,166**	**181,662**	**4,206,473**	**3,636,140**	**5,687,127**	**4,116,289**	**1.35**	**1.13**	**95,897,050**	**34,007,292**	**16.86**	**8.26**
All hay crops			2,867,380	3,463,891	3,358,316	3,816,836	1.17	1.10	72,910,293	32,798,445	21.71	8.59
Cultivated hay			2,720,318	3,320,969	3,180,089	3,654,737	1.17	1.10	70,147,747	31,771,378	22.06	8.69
Timothy alone	78,920	83,003	1,166,742	1,260,896	1,234,030	1,334,556	1.06	1.06	27,148,660	11,897,264	22.00	8.91
Timothy and clover mixed	50,920	71,647	850,995	1,604,055	958,991	1,630,211	1.13	1.08	19,659,345	13,959,872	20.50	8.56
Clover alone	18,181	25,519	173,428	262,622	232,079	309,209	1.34	1.18	5,685,966	2,633,224	24.50	8.52
Alfalfa	19,971	5,879	151,720	35,478	365,036	96,105	2.41	2.71	10,038,523	973,621	27.50	10.13
Other tame grasses	19,418		141,061	168,603	141,026	190,420	1.00	1.13	2,609,012	1,427,426	18.50	7.50
Small grains and legumes		11,174	236,372	89,315	248,927	94,236	1.05	1.06	5,006,241	879,971	20.11	9.34
Small grains cut for hay	28,973		189,357		205,460		1.08		4,006,500		19.50	
Annual legumes cut for hay	6,558		46,515		43,467		0.93		999,741		23.00	
Wild, salt, or prairie grasses	7,730	6,371	147,062	142,922	178,227	162,099	1.21	1.13	2,762,546	1,027,067	15.50	6.34
Silage and miscellaneous forage crops			286,394	172,046	997,221	298,749	3.48	1.74	9,663,558	1,204,257	9.69	4.03
Silage crops	8,724		131,192		658,035		5.02		5,593,326		8.50	
Kafir, sorghum, etc., for forage	33,645		155,202		339,186		2.19		4,070,232		12.00	
Corn cut for forage	91,366		1,051,698		1,329,157		1.26		13,291,570		10.00	
Root crops for forage	299		1,001	203	2,433	704	2.43	3.47	31,629	4,590	13.00	6.52
North Dakota, total	**67,005**	**55,662**	**4,035,803**	**2,864,244**	**3,765,377**	**3,010,582**	**0.93**	**1.05**	**56,555,024**	**12,369,030**	**15.02**	**4.11**
All hay crops			3,702,323	2,820,969	2,929,651	2,902,351	0.79	1.03	40,074,635	11,907,887	15.73	4.10
Cultivated hay			1,219,862	427,275	1,016,348	529,733	0.83	1.24	10,418,426	2,694,026	16.15	5.09
Timothy alone	7,600	6,930	189,553	183,686	172,757	197,947	0.91	1.08	2,764,112	1,046,470	16.00	5.29
Timothy and clover mixed	793	972	20,634	34,068	20,957	39,724	1.02	1.17	314,355	202,325	15.00	5.09
Clover alone	726	116	10,791	1,172	12,789	1,386	1.19	1.18	198,244	7,705	15.50	5.60
Alfalfa	4,821	467	58,356	3,033	75,348	5,638	1.29	1.86	1,808,352	36,050	24.00	6.39
Other tame grasses	16,699		264,430	159,688	324,640	223,531	1.23	1.40	5,350,574	1,108,436	16.50	4.96
Small grains and legumes		2,916	676,098	45,628	409,857	61,507	0.61	1.35	5,976,789	292,930	14.58	4.76
Small grains cut for hay	20,347		647,888		387,290		0.60		5,615,717		14.50	
Annual legumes cut for hay	1,112		28,210		22,567		0.80		361,072		16.00	
Wild, salt, or prairie grasses	46,751	48,305	2,482,461	2,393,694	1,913,303	2,372,618	0.77	0.99	29,656,209	9,213,861	15.50	3.88
Silage and miscellaneous forage crops			54,736	43,255	214,665	108,046	3.92	2.50	2,095,507	459,313	9.76	4.25
Silage crops	2,031		48,843		200,624		4.11		1,905,942		9.50	
Kafir, sorghum, etc., for forage	385		5,893		14,041		2.38		189,565		13.50	
Corn cut for forage	16,503		278,455		619,970		2.23		8,369,608		13.50	
Root crops for forage	62		289	20	1,091	185	3.78	9.25	15,274	1,830	14.00	9.89
South Dakota, total	**66,114**	**54,927**	**5,071,747**	**3,435,907**	**4,996,846**	**3,651,706**	**0.99**	**1.06**	**71,988,845**	**15,247,570**	**14.41**	**4.18**
All hay crops			4,556,639	3,403,206	3,917,259	3,573,286	0.86	1.05	58,554,150	14,871,628	14.95	4.16
Cultivated hay			867,489	489,530	1,196,846	775,023	1.38	1.58	23,188,781	4,057,285	19.37	5.24
Timothy alone	6,728	8,975	115,531	178,881	131,094	248,927	1.13	1.39	1,966,410	1,249,390	15.00	5.02
Timothy and clover mixed	3,725	5,725	66,621	129,995	87,341	218,371	1.31	1.68	1,484,707	1,186,635	17.00	5.43
Clover alone	1,125	242	14,465	2,693	19,624	4,194	1.36	1.56	323,812	23,971	16.50	5.72
Alfalfa	26,320	4,428	462,231	66,183	763,316	153,906	1.65	2.33	16,411,312	919,946	21.50	5.98
Other tame grasses	7,171		94,757	87,369	115,121	121,439	1.21	1.39	1,669,265	523,976	14.50	4.31
Small grains and legumes		1,204	113,884	24,409	80,350	28,186	0.71	1.15	1,333,185	153,967	16.59	5.46
Small grains cut for hay	5,397		109,107		75,422		0.69		1,244,481		16.50	
Annual legumes cut for hay	289		4,777		4,928		1.03		88,704		18.00	
Wild, salt, or prairie grasses	49,745	45,620	3,689,150	2,913,676	2,720,413	2,798,263	0.74	0.96	35,365,369	10,814,343	13.00	3.86
Silage and miscellaneous forage crops			79,247	32,673	344,873	78,325	4.35	2.40	3,516,040	375,258	10.20	4.79
Silage crops	2,690		53,502		291,599		5.45		2,770,204		9.50	
Kafir, sorghum, etc., for forage	2,374		25,745		53,274		2.07		745,836		14.00	
Corn cut for forage	23,856		435,861		734,714		1.69		9,918,655		13.50	
Root crops for forage				28		95		3.39		684		7.20
Nebraska, total	**108,870**	**102,419**	**5,410,808**	**4,523,741**	**6,619,001**	**5,785,847**	**1.22**	**1.28**	**96,965,224**	**31,783,373**	**14.65**	**5.49**
All hay crops			4,798,363	4,397,746	5,307,720	5,545,437	1.11	1.26	84,450,146	30,747,558	15.91	5.54
Cultivated hay			1,639,912	1,334,427	2,775,003	2,447,615	1.69	1.83	50,258,443	16,501,935	18.11	6.74
Timothy alone	5,647	8,953	53,067	99,416	69,940	138,729	1.32	1.40	1,188,980	974,217	17.00	7.02
Timothy and clover mixed	6,323	19,274	93,063	318,000	127,578	470,704	1.37	1.48	2,168,826	3,121,666	17.00	6.63
Clover alone	3,135	2,537	41,277	30,948	59,960	46,648	1.45	1.51	959,360	317,293	16.00	6.80
Alfalfa	74,359	49,085	1,214,649	685,282	2,219,549	1,522,136	1.83	2.22	42,171,431	10,743,813	19.00	7.06
Other tame grasses	16,089		150,034	174,643	207,725	242,956	1.38	1.39	2,596,583	1,206,946	12.50	4.97
Small grains and legumes		1,582	87,822	26,138	90,251	26,382	1.03	1.01	1,173,263	138,000	13.00	5.23
Small grains cut for hay	4,954		80,087		81,537		1.02		1,059,981		13.00	
Annual legumes cut for hay	592		7,735		8,714		1.13		113,282		13.00	
Wild, salt, or prairie grasses	55,908	61,090	3,158,451	3,063,319	2,532,717	3,097,822	0.80	1.01	34,191,703	14,245,623	13.50	4.60
Silage and miscellaneous forage crops			337,601	125,813	860,701	238,473	2.55	1.90	7,790,315	1,026,188	9.04	4.30
Silage crops	2,819		53,525		264,246		4.94		2,113,968		8.00	
Kafir, sorghum, etc., for forage	27,843		284,076		596,455		2.10		5,666,347		9.50	
Corn cut for forage	20,982		273,586		446,949		1.63		4,692,994		10.50	
Root crops for forage	200		1,258	182	3,631	1,937	2.89	10.64	41,769	9,627	11.50	4.97

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
WEST NORTH CENTRAL—Continued.												
Kansas, total	**143,981**	**134,179**	**5,000,066**	**3,967,135**	**8,504,534**	**5,963,525**	**1.70**	**1.50**	**$105,123,767**	**$32,174,632**	**$12.36**	**$5.40**
All hay crops			2,943,971	3,303,830	4,320,803	4,673,447	1.47	1.41	67,792,519	27,619,975	15.69	5.91
Cultivated hay			1,721,397	1,695,566	3,029,934	2,935,815	1.76	1.73	51,656,636	19,192,889	17.05	6.54
Timothy alone	10,209	9,049	124,832	126,789	162,123	144,536	1.30	1.14	2,999,288	1,039,499	18.50	7.19
Timothy and clover mixed	3,509	15,915	44,043	309,833	57,083	357,159	1.30	1.15	1,027,494	2,368,942	18.00	6.63
Clover alone	2,487	5,306	26,836	65,993	35,279	79,144	1.31	1.20	670,301	522,606	19.00	6.60
Alfalfa	82,876	61,211	1,315,507	956,962	2,488,156	1,998,689	1.89	2.09	43,542,757	13,644,988	17.50	6.83
Other tame grasses	17,222		126,483	216,547	181,778	331,196	1.44	1.53	2,090,471	1,494,266	11.50	4.51
Small grains and legumes		1,694	83,696	19,442	105,515	25,091	1.26	1.29	1,326,325	122,588	12.57	4.89
Small grains cut for hay	8,032		73,049		90,781		1.24		1,134,783		12.50	
Annual legumes cut for hay	978		10,647		14,734		1.38		191,542		13.00	
Wild, salt, or prairie grasses	55,534	64,855	1,222,574	1,608,264	1,290,869	1,737,632	1.06	1.08	16,135,883	8,427,086	12.50	4.85
Silage and miscellaneous forage crops			1,303,710	663,215	3,055,878	1,289,608	2.34	1.94	28,304,420	4,551,722	9.26	3.53
Silage crops	10,368		267,447		1,127,180		4.21		9,017,440		8.00	
Kafir, sorghum, etc., for forage	67,162		1,036,263		1,928,698		1.86		19,286,980		10.00	
Corn cut for forage	46,428		752,035		1,125,851		1.50		9,006,808		8.00	
Root crops for forage	59		350	90	2,002	470	5.72	5.22	20,020	2,935	10.00	6.24
SOUTH ATLANTIC.												
Delaware, total	**9,068**	**6,928**	**201,365**	**80,673**	**223,562**	**103,606**	**1.11**	**1.28**	**4,366,174**	**1,174,695**	**19.53**	**11.34**
All hay crops			70,996	79,788	88,857	99,228	1.25	1.24	2,539,905	1,156,759	28.58	11.66
Cultivated hay			69,929	69,391	87,542	90,488	1.25	1.30	2,522,810	1,120,738	28.82	12.39
Timothy alone	936	1,497	9,830	17,676	10,697	22,588	1.09	1.28	342,304	335,430	32.00	14.85
Timothy and clover mixed	2,468	2,103	31,562	26,776	33,593	31,387	1.06	1.17	1,007,790	430,757	30.00	13.72
Clover alone	2,000	3,240	12,253	18,240	20,033	27,467	1.63	1.51	560,924	269,168	28.00	9.80
Alfalfa	558	70	1,878	205	4,780	580	2.55	2.83	167,300	7,927	35.00	13.67
Other tame grasses	745		4,212	1,928	5,890	2,776	1.40	1.44	111,910	24,944	19.00	8.99
Small grains and legumes		1,048	10,194	4,566	12,549	5,690	1.23	1.25	332,582	52,512	26.50	9.23
Small grains cut for hay	749		3,056		3,758		1.23		86,434		23.00	
Annual legumes cut for hay	1,458		7,138		8,791		1.23		246,148		28.00	
Wild, salt, or prairie grasses	96	360	1,067	10,397	1,315	8,740	1.23	0.84	17,095	36,021	13.00	4.12
Silage and miscellaneous forage crops			2,969	870	15,291	4,215	5.15	4.84	153,225	16,892	10.02	4.01
Silage crops	338		2,944		15,228		5.17		152,280		10.00	
Kafir, sorghum, etc., for forage	7		25		63		2.52		945		15.00	
Corn cut for forage	6,975		127,358		119,206		0.94		1,668,884		14.00	
Root crops for forage	26		42	15	208	163	4.95	10.87	4,160	1,044	20.00	6.40
Maryland, total	**34,789**	**29,642**	**622,939**	**398,892**	**806,910**	**477,711**	**1.30**	**1.20**	**16,245,825**	**6,012,865**	**20.13**	**12.59**
All hay crops			385,200	387,507	444,894	440,464	1.15	1.14	12,278,466	5,860,309	27.60	13.30
Cultivated hay			380,927	383,338	440,564	435,383	1.16	1.14	12,207,014	5,822,986	27.71	13.37
Timothy alone	7,945	11,737	83,458	135,941	91,981	159,690	1.10	1.17	2,759,430	2,308,448	30.00	14.46
Timothy and clover mixed	16,287	15,099	204,997	200,823	226,366	215,052	1.10	1.07	6,111,882	2,835,980	27.00	13.19
Clover alone	5,152	4,113	41,250	26,545	52,166	32,942	1.26	1.24	1,408,482	357,922	27.00	10.87
Alfalfa	2,062	789	11,909	3,188	25,142	6,806	2.11	2.13	854,828	104,633	34.00	15.37
Other tame grasses	2,812		17,842	7,995	18,001	8,675	1.01	1.09	396,022	101,121	22.00	11.66
Small grains and legumes		2,188	21,471	8,846	26,908	12,218	1.25	1.38	676,370	114,882	25.14	9.40
Small grains cut for hay	1,764		6,357		7,746				178,158		23.00	
Annual legumes cut for hay	3,042		15,114		19,162		1.27		498,212		26.00	
Wild, salt, or prairie grasses	626	504	4,273	4,169	4,330	5,081	1.01	1.22	71,452	37,323	16.50	7.35
Silage and miscellaneous forage crops			17,732	11,372	127,367	37,098	7.18	3.26	1,027,716	151,389	8.07	4.08
Silage crops	1,829		15,646		125,417		8.02		1,003,336		8.00	
Kafir, sorghum, etc., for forage	79		2,086		1,950		0.93		24,380		12.50	
Corn cut for forage	14,132		219,684		233,779		1.06		2,922,243		12.50	
Root crops for forage	121		323	13	870	149	2.69	11.46	17,400	1,167	20.00	7.83
District of Columbia, total	**78**	**86**	**805**	**962**	**2,410**	**2,148**	**2.99**	**2.23**	**39,004**	**25,633**	**16.18**	**11.93**
All hay crops			507	666	845	1,485	1.67	2.23	24,947	21,713	29.52	14.62
Cultivated hay			507	666	845	1,485	1.67	2.23	24,947	21,713	29.52	14.62
Timothy alone	23	36	67	190	114	287	1.70	1.51	3,648	5,680	32.00	19.79
Timothy and clover mixed	16	9	68	158	109	338	1.60	2.14	3,270	5,472	30.00	16.19
Clover alone		1		10		15		1.50		300		20.00
Alfalfa	8	1	127	28	266	108	2.09	3.86	9,044	1,620	34.00	15.00
Other tame grasses	20		98	164	163	242	1.66	1.48	3,912	5,195	24.00	21.47
Small grains and legumes		20	147	116	193	495	1.31	4.27	5,073	3,446	26.28	6.96
Small grains cut for hay	18		99		138		1.39		3,588		26.00	
Annual legumes cut for hay	7		48		55		1.15		1,485		27.00	
Wild, salt, or prairie grasses												
Silage and miscellaneous forage crops			147	296	1,355	663	9.22	2.24	10,872	3,920	8.02	5.91
Silage crops	8		145		1,351		9.32		10,808		8.00	
Kafir, sorghum, etc., for forage	2		2		4		2.00		64		16.00	
Corn cut for forage	27		138		145		1.05		1,885		13.00	
Root crops for forage	9		13		65		5.00		1,300		20.00	
Virginia, total	**132,731**	**79,067**	**1,773,650**	**773,755**	**1,989,282**	**824,051**	**1.12**	**1.07**	**41,847,594**	**10,263,458**	**21.04**	**12.45**
All hay crops			856,257	750,572	944,693	780,109	1.10	1.04	27,175,207	10,032,004	28.77	12.86
Cultivated hay			843,371	742,323	933,102	771,815	1.11	1.04	26,943,387	9,952,354	28.88	12.89
Timothy alone	10,383	15,479	91,147	163,325	97,791	169,881	1.07	1.04	2,982,650	2,312,579	30.50	13.61
Timothy and clover mixed	34,461	32,663	371,396	358,176	413,746	366,744	1.11	1.02	11,791,790	4,685,910	28.50	12.78
Clover alone	13,771	12,907	79,956	54,016	93,990	63,056	1.18	1.17	2,725,710	840,747	29.00	13.33
Alfalfa	4,902	796	24,348	3,126	50,472	7,203	2.07	2.30	1,766,520	109,409	35.00	15.19
Other tame grasses	16,974		108,202	108,507	105,517	108,751	0.98	1.00	2,743,442	1,317,659	26.00	12.12
Small grains and legumes		9,870	168,322	55,173	171,586	56,180	1.02	1.02	4,933,275	686,050	28.75	12.21
Small grains cut for hay	12,603		55,752		51,415		0.92		1,388,205		27.00	
Annual legumes cut for hay	21,550		112,570		120,171		1.07		3,545,070		29.50	
Wild, salt, or prairie grasses	2,284	1,359	12,886	8,249	11,591	8,294	0.90	1.01	231,820	79,650	20.00	9.60
Silage and miscellaneous forage crops			53,353	23,148	389,205	43,804	7.29	1.89	3,205,490	230,164	8.24	5.25
Silage crops	4,802		45,656		380,855		8.34		3,046,840		8.00	
Kafir, sorghum, etc., for forage	1,430		7,697		8,350		1.08		158,650		19.00	
Corn cut for forage	86,447		863,684		654,444		0.76		11,452,797		17.50	
Root crops for forage	173		356	35	940	138	2.64	3.94	14,100	1,290	15.00	9.35

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
SOUTH ATLANTIC—Continued.												
West Virginia, total	**68,934**	**61,864**	**910,550**	**708,900**	**1,099,679**	**639,152**	**1.21**	**0.90**	**$23,746,574**	**$7,493,106**	**$21.59**	**$11.72**
All hay crops			701,236	658,016	692,852	622,768	0.99	0.89	19,260,770	7,418,345	27.80	11.91
Cultivated hay			690,055	692,521	682,710	618,717	0.99	0.89	19,088,356	7,381,655	27.96	11.93
Timothy alone	23,077	29,682	229,249	308,814	217,636	278,074	0.95	0.90	6,529,080	3,404,456	30.00	12.24
Timothy and clover mixed	28,643	24,327	314,226	281,794	326,147	249,986	1.04	0.89	9,132,116	3,001,535	28.00	12.01
Clover alone	2,715	1,217	16,441	6,661	18,359	6,514	1.12	0.98	495,693	75,863	27.00	11.65
Alfalfa	1,059	179	4,548	696	9,122	1,406	2.01	2.02	273,660	17,932	30.00	12.75
Other tame grasses	10,348		90,216	90,365	79,328	75,900	0.88	0.84	1,903,872	818,376	24.00	10.78
Small grains and legumes		830	35,375	4,191	32,118	6,837	0.91	1.63	753,935	63,493	23.47	9.29
Small grains cut for hay	5,778		26,298		20,767		0.79		436,107		21.00	
Annual legumes cut for hay	2,299		9,077		11,351		1.25		317,828		28.00	
Wild, salt, or prairie grasses	1,092	538	11,181	5,495	10,142	4,051	0.91	0.74	172,414	36,690	17.00	9.06
Silage and miscellaneous forage crops			26,509	10,876	202,947	16,272	7.66	1.50	2,035,404	73,701	10.03	4.53
Silage crops	3,473		23,859		199,980		8.38		1,999,800		10.00	
Kafir, sorghum, etc., for forage	550		2,650		2,967		1.12		35,604		12.00	
Corn cut for forage	24,671		182,709		203,400		1.11		2,440,800		12.00	
Root crops for forage	32		96	8	480	112	5.00	14.00	9,600	1,060	20.00	9.46
North Carolina, total	**135,339**	**69,615**	**992,374**	**376,399**	**688,843**	**371,126**	**0.69**	**0.99**	**18,966,611**	**4,798,823**	**27.53**	**12.93**
All hay crops			472,421	350,990	449,298	353,950	0.95	0.98	13,452,418	4,639,134	29.94	13.11
Cultivated hay			430,508	315,199	398,885	299,314	0.93	0.05	12,292,919	4,077,797	30.82	13.62
Timothy alone	2,162	3,539	10,976	18,400	10,163	16,011	0.93	0.87	355,705	222,010	35.00	13.87
Timothy and clover mixed	7,343	5,925	47,373	44,467	47,648	39,050	1.01	0.88	1,524,736	500,508	32.00	12.82
Clover alone	14,565	10,736	73,355	38,681	75,579	39,445	1.03	1.02	2,418,528	545,718	32.00	13.83
Alfalfa	949	272	3,240	735	5,769	1,394	1.78	1.90	219,222	22,276	38.00	15.98
Other tame grasses	25,648		114,207	83,150	107,769	84,727	0.94	1.02	3,017,532	1,011,012	28.00	11.93
Small grains and legumes		30,507	181,357	129,766	151,957	118,687	0.84	0.91	4,757,196	1,776,243	31.31	14.97
Small grains cut for hay	18,482		59,395		52,714		0.89		1,581,420		30.00	
Annual legumes cut for hay	30,376		121,962		99,243		0.81		3,175,776		32.00	
Wild, salt, or prairie grasses	11,119	11,882	41,913	44,791	50,413	54,636	1.20	1.22	1,159,499	561,337	23.00	10.27
Silage and miscellaneous forage crops			25,700	16,364	41,538	17,085	1.62	1.04	570,381	159,000	13.73	9.31
Silage crops	451		4,386		28,931		6.60		318,241		11.00	
Kafir, sorghum, etc., for forage	4,616		21,314		12,607		0.59		252,140		20.00	
Corn cut for forage	60,428		493,612		196,848		0.40		4,921,200		25.00	
Root crops for forage	267		641	45	1,159	91	1.81	2.02	22,612	689	19.51	7.57
South Carolina, total	**87,205**	**34,467**	**668,538**	**212,133**	**400,343**	**191,467**	**0.60**	**0.90**	**11,778,637**	**3,243,835**	**29.42**	**16.94**
All hay crops			333,801	201,672	274,816	176,891	0.82	0.88	8,419,530	3,067,022	30.64	17.34
Cultivated hay			327,862	195,167	269,276	169,977	0.82	0.87	8,269,950	2,964,731	30.71	17.44
Timothy alone	264	377	1,355	1,966	1,383	1,654	1.02	0.84	52,554	25,797	38.00	15.60
Timothy and clover mixed	71	39	496	177	736	237	1.48	1.34	26,496	4,036	36.00	17.03
Clover alone	263	114	960	375	1,009	536	1.05	1.43	36,324	8,629	36.00	16.10
Alfalfa	798	65	2,621	138	5,896	328	2.25	2.38	247,632	6,853	42.00	20.89
Other tame grasses	18,125		88,986	33,384	77,539	33,226	0.87	1.00	2,326,170	532,308	30.00	16.02
Small grains and legumes		27,778	233,444	159,127	182,713	133,996	0.78	0.84	5,580,774	2,387,108	30.54	17.81
Small grains cut for hay	15,316		64,982		49,692		0.76		1,590,144		32.00	
Annual legumes cut for hay	34,520		168,462		133,021		0.79		3,990,630		30.00	
Wild, salt, or prairie grasses	1,439	1,395	5,939	6,505	5,540	6,914	0.93	1.06	149,580	102,291	27.00	14.79
Silage and miscellaneous forage crops			18,768	10,389	23,055	14,399	1.23	1.39	489,891	175,205	21.25	12.17
Silage crops	198		2,188		10,512		4.80		126,144		12.00	
Kafir, sorghum, etc., for forage	5,120		16,580		12,543		0.76		363,747		29.00	
Corn cut for forage	37,896		315,969		102,472		0.32		2,869,216		28.00	
Root crops for forage				72		177		2.46		1,608		9.08
Georgia, total	**153,728**	**45,460**	**1,248,814**	**254,648**	**608,597**	**265,631**	**0.49**	**1.04**	**17,284,086**	**4,107,080**	**28.40**	**15.46**
All hay crops			460,332	228,642	375,010	232,182	0.81	1.02	11,177,826	3,678,007	29.81	15.84
Cultivated hay			442,236	212,899	359,208	214,964	0.81	1.01	10,806,331	3,452,578	30.08	16.06
Timothy alone	309	631	2,106	2,963	2,194	3,237	1.04	1.09	76,790	52,713	35.00	16.28
Timothy and clover mixed	223	486	1,860	3,560	1,940	4,153	1.04	1.17	66,940	61,053	34.51	14.70
Clover alone	479	386	2,828	2,167	2,862	2,266	1.01	1.05	97,308	35,804	34.00	15.83
Alfalfa	816	182	2,725	545	5,412	1,079	1.99	1.98	216,480	19,758	40.00	18.31
Other tame grasses	25,436		149,129	71,659	114,819	75,300	0.77	1.05	3,157,557	1,116,990	27.50	14.83
Small grains and legumes		24,779	283,588	132,005	231,976	128,929	0.82	0.98	7,191,256	2,166,200	31.00	16.80
Small grains cut for hay	11,023		56,855		42,851		0.75		1,328,381		31.00	
Annual legumes cut for hay	43,761		226,733		189,125		0.83		5,862,875		31.00	
Wild, salt, or prairie grasses	3,839	3,502	18,096	15,743	15,807	17,218	0.87	1.09	371,495	225,429	23.50	13.09
Silage and miscellaneous forage crops			59,168	25,865	60,318	33,210	1.02	1.28	1,256,264	426,138	20.83	12.83
Silage crops	544		6,702		27,040		4.03		324,480		12.00	
Kafir, sorghum, etc., for forage	11,712		52,466		33,278		0.63		931,784		28.00	
Corn cut for forage	66,059		728,844		172,501		0.24		4,830,028		28.00	
Root crops for forage	141		470	141	768	239	1.63	1.70	19,968	2,935	26.00	12.28
Florida, total	**27,641**	**9,885**	**139,516**	**54,763**	**99,432**	**55,462**	**0.71**	**1.01**	**2,510,772**	**848,827**	**25.25**	**15.30**
All hay crops			89,937	49,201	71,109	51,546	0.79	1.05	2,026,933	798,679	28.50	15.49
Cultivated hay			83,090	39,750	64,855	41,218	0.78	1.04	1,858,075	641,252	28.65	15.56
Timothy alone	5	327	20	884	20	747	1.00	0.85	740	13,911	37.00	18.62
Timothy and clover mixed		356		1,382		1,201		0.87		18,216		15.77
Clover alone		379		1,617		1,618		1.00		25,960		16.04
Alfalfa	8	8	14	49	35	63	2.50	1.29	1,540	886	44.00	14.06
Other tame grasses	8,937		50,640	23,447	44,583	24,393	0.88	1.04	1,226,047	391,242	27.50	16.04
Small grains and legumes		1,463	32,416	12,371	20,217	13,196	0.62	1.07	629,748	191,037	31.15	14.48
Small grains cut for hay	1,035		6,782		4,732		0.70		141,960		30.00	
Annual legumes cut for hay	3,134		25,634		15,485		0.60		487,788		31.50	
Wild, salt, or prairie grasses	1,416	2,053	6,847	9,451	6,254	10,328	0.91	1.09	168,858	157,427	27.00	15.24
Silage and miscellaneous forage crops			5,853	5,518	16,630	3,757	2.84	0.68	181,998	48,644	10.94	12.95
Silage crops	146		3,057		13,178		4.31		92,246		7.00	
Kafir, sorghum, etc., for forage	518		2,796		3,452		1.23		89,752		26.00	
Corn cut for forage	3,625		42,811		9,314		0.22		232,850		25.00	
Root crops for forage	208		915	44	2,379	159	2.60	3.61	68,991	1,504	29.00	9.46

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
EAST SOUTH CENTRAL.												
Kentucky, total	**157,801**	**92,203**	**2,084,909**	**976,038**	**2,123,490**	**985,815**	**1.02**	**1.01**	**$43,399,964**	**$10,510,422**	**$20.44**	**$10.66**
All hay crops			1,073,222	924,469	1,085,318	913,747	1.01	0.99	31,980,480	10,092,777	29.47	11.05
Cultivated hay			1,050,912	917,276	1,065,726	907,366	1.01	0.99	31,588,640	10,035,434	29.64	11.06
Timothy alone	26,798	33,486	237,568	346,892	243,412	353,239	1.02	1.02	7,545,772	3,921,465	31.00	11.10
Timothy and clover mixed	23,335	18,008	256,158	207,080	278,634	204,865	1.09	0.99	8,498,364	2,304,993	30.50	11.25
Clover alone	11,664	7,367	107,266	76,974	120,664	80,688	1.12	1.05	3,619,920	869,655	30.00	10.78
Alfalfa	8,279	3,676	56,211	20,229	81,298	37,978	1.45	1.88	2,642,208	426,879	32.50	11.24
Other tame grasses	32,443		260,517	211,628	226,792	175,233	0.87	0.83	6,350,176	1,911,890	28.00	10.91
Small grains and legumes		9,002	133,192	54,473	114,926	55,363	0.86	1.02	2,932,200	600,552	25.51	10.85
Small grains cut for hay	17,054		98,172		81,645		0.83		2,000,332		24.50	
Annual legumes cut for hay	6,847		35,020		33,281		0.95		931,868		28.00	
Wild, salt, or prairie grasses	3,817	1,431	22,310	7,193	19,592	6,381	0.88	0.89	391,840	57,343	20.00	8.99
Silage and miscellaneous forage crops			79,989	51,371	282,620	71,375	3.53	1.39	2,728,859	413,516	9.66	5.79
Silage crops	3,254		36,916		210,049		5.69		1,785,436		8.50	
Kafir, sorghum, etc., for forage	19,113		43,073		72,571		1.68		943,423		13.00	
Corn cut for forage	87,661		931,451		755,054		0.81		8,683,155		11.50	
Root crops for forage	156		247	198	498	693	2.02	3.50	7,470	4,129	15.00	5.96
Tennessee, total	**154,016**	**103,360**	**1,751,123**	**1,060,480**	**1,907,345**	**1,100,838**	**1.09**	**1.04**	**49,649,657**	**12,784,783**	**26.03**	**11.61**
All hay crops			1,382,067	1,023,671	1,401,646	1,038,004	1.01	1.01	42,261,210	12,357,011	30.15	11.90
Cultivated hay			1,328,668	995,182	1,355,349	1,011,483	1.02	1.02	41,335,270	12,093,177	30.50	11.96
Timothy alone	9,660	13,527	78,187	121,666	86,726	130,834	1.11	1.08	2,818,612	1,585,620	32.50	12.12
Timothy and clover mixed	20,626	18,973	213,231	215,024	263,514	236,656	1.24	1.10	8,432,348	2,836,721	32.00	11.99
Clover alone	27,150	18,603	239,596	193,578	258,654	201,926	1.08	1.04	8,276,928	2,353,241	32.00	11.65
Alfalfa	2,609	945	16,917	5,323	33,237	10,600	1.96	1.99	1,196,532	138,525	36.00	13.07
Other tame grasses	53,485		371,995	309,953	325,183	294,793	0.87	0.95	8,942,559	3,466,445	27.50	11.76
Small grains and legumes		28,012	408,742	149,638	388,035	136,674	0.95	0.91	11,668,291	1,712,625	30.07	12.53
Small grains cut for hay	24,048		129,171		103,093		0.80		2,835,089		27.50	
Annual legumes cut for hay	47,053		279,571		284,942		1.02		8,833,202		31.00	
Wild, salt, or prairie grasses	9,358	5,022	53,399	28,489	46,297	26,521	0.87	0.93	925,940	263,834	20.00	9.95
Silage and miscellaneous forage crops			73,585	36,630	275,088	62,359	3.74	1.70	3,468,060	424,778	12.61	6.81
Silage crops	2,377		30,574		201,406		6.59		2,215,466		11.00	
Kafir, sorghum, etc., for forage	18,009		43,011		73,682		1.71		1,252,594		17.00	
Corn cut for forage	34,322		293,227		228,033		0.78		3,876,561		17.00	
Root crops for forage	351		2,244	179	2,578	475	1.15	2.65	43,826	2,994	17.00	6.30
Alabama, total	**114,204**	**44,243**	**705,279**	**240,386**	**542,557**	**256,245**	**0.77**	**1.07**	**13,938,036**	**3,408,856**	**25.69**	**13.30**
All hay crops			530,226	220,112	443,525	230,406	0.84	1.05	11,827,525	3,107,387	26.67	13.49
Cultivated hay			506,490	192,259	422,834	200,327	0.83	1.04	11,361,064	2,751,105	26.87	13.73
Timothy alone	363	531	2,297	3,979	2,376	4,566	1.03	1.15	72,482	60,015	30.51	13.14
Timothy and clover mixed	394	486	2,664	3,706	3,196	4,169	1.20	1.12	113,468	65,883	35.50	15.80
Clover alone	1,137	1,161	8,554	7,377	8,529	7,544	1.00	1.02	285,736	118,256	33.50	15.68
Alfalfa	633	416	9,932	6,987	13,105	8,906	1.32	1.27	484,885	137,970	37.00	15.49
Other tame grasses	34,299		211,210	99,094	206,389	108,196	0.98	1.09	5,159,725	1,335,825	25.00	12.35
Small grains and legumes		15,955	271,833	71,116	189,239	66,946	0.70	0.94	5,245,668	1,033,216	27.72	15.43
Small grains cut for hay	12,678		54,364		45,405		0.84		1,362,150		30.00	
Annual legumes cut for hay	40,676		217,469		143,834		0.66		3,883,518		27.00	
Wild, salt, or prairie grasses	5,075	6,897	23,736	27,853	20,091	30,079	0.87	1.08	465,561	356,222	22.50	11.84
Silage and miscellaneous forage crops			10,712	20,256	40,248	25,796	3.76	1.27	640,911	301,074	15.92	11.67
Silage crops	241		5,511		27,059		4.91		311,186		11.50	
Kafir, sorghum, etc., for forage	3,160		5,201		13,189		2.54		329,725		25.00	
Corn cut for forage	23,794		163,508		57,455		0.35		1,436,375		25.00	
Root crops for forage	284		833	18	1,329	43	1.60	2.39	33,225	395	25.00	9.19
Mississippi, total	**73,040**	**44,685**	**483,544**	**231,056**	**585,254**	**284,337**	**1.21**	**1.23**	**14,744,951**	**3,410,894**	**25.19**	**12.00**
All hay crops			433,754	219,880	521,869	266,211	1.20	1.21	13,778,406	3,217,081	26.40	12.08
Cultivated hay			394,187	164,390	482,588	201,733	1.22	1.23	13,012,407	2,552,052	26.96	12.65
Timothy alone	409	170	1,689	1,082	1,709	1,620	1.01	1.50	43,584	18,415	25.50	11.37
Timothy and clover mixed	349	626	3,034	2,353	3,895	2,604	1.28	1.11	111,017	34,464	28.50	13.24
Clover alone	14,798	2,155	97,933	9,438	123,784	12,000	1.26	1.27	3,465,952	160,269	28.00	13.36
Alfalfa	2,058	841	30,304	9,245	65,354	16,710	2.16	1.81	2,352,744	269,670	36.00	16.14
Other tame grasses	29,988		177,955	76,670	204,684	95,417	1.15	1.24	4,707,732	1,042,512	23.00	10.93
Small grains and legumes		16,038	83,272	65,602	83,162	73,382	1.00	1.12	2,331,378	1,026,722	28.03	13.99
Small grains cut for hay	2,483		14,926		16,064		1.08		385,536		24.00	
Annual legumes cut for hay	17,237		68,346		67,098		0.98		1,945,842		29.00	
Wild, salt, or prairie grasses	6,382	10,786	39,567	55,490	39,281	64,478	0.99	1.16	765,999	665,029	19.50	10.31
Silage and miscellaneous forage crops			19,927	11,157	51,604	18,057	2.59	1.62	714,906	193,163	13.85	10.70
Silage crops	509		9,140		37,760		4.13		396,494		10.50	
Kafir, sorghum, etc., for forage	3,871		10,787		13,844		1.28		318,412		23.00	
Corn cut for forage	4,929		29,497		10,938		0.37		235,189		21.50	
Root crops for forage	174		366	19	843	69	2.30	3.63	16,450	650	19.51	9.42
WEST SOUTH CENTRAL.												
Arkansas, total	**106,053**	**55,909**	**1,002,333**	**441,698**	**989,780**	**472,367**	**0.99**	**1.07**	**22,760,223**	**4,985,308**	**23.00**	**10.55**
All hay crops			759,658	408,867	771,863	430,817	1.02	1.05	19,221,678	4,616,431	24.90	10.72
Cultivated hay			621,276	296,126	625,800	310,944	1.01	1.05	16,592,724	3,729,167	26.51	11.99
Timothy alone	3,165	4,579	23,774	36,964	24,693	35,113	1.04	0.95	679,077	428,939	27.50	12.22
Timothy and clover mixed	8,171	6,471	85,749	69,855	91,214	72,190	1.06	1.03	2,371,564	826,794	26.00	11.45
Clover alone	4,610	2,468	32,526	17,004	36,635	18,369	1.13	1.08	1,007,482	216,938	27.50	11.81
Alfalfa	8,186	2,363	61,457	15,929	128,147	33,231	2.09	2.09	4,228,851	443,875	33.00	13.36
Other tame grasses	26,873		148,023	49,785	142,435	55,101	0.96	1.11	3,276,005	577,407	23.00	10.48
Small grains and legumes		23,779	269,747	106,589	202,676	96,940	0.75	0.91	5,029,745	1,235,214	24.82	12.74
Small grains cut for hay	36,026		193,154		135,971		0.70		3,195,340		23.50	
Annual legumes cut for hay	18,153		76,593		66,705		0.87		1,834,405		27.50	
Wild, salt, or prairie grasses	14,679	9,139	138,382	112,741	146,053	119,873	1.06	1.06	2,628,954	887,264	18.00	7.40
Silage and miscellaneous forage crops			94,153	32,577	133,533	41,039	1.42	1.26	2,140,632	364,512	16.03	8.88
Silage crops	391		5,969		26,162		4.38		261,620		10.00	
Kafir, sorghum, etc., for forage	28,439		88,184		107,371		1.22		1,879,012		17.50	
Corn cut for forage	19,006		147,376		82,852		0.56		1,367,073		16.50	
Root crops for forage	406		1,146	254	1,542	511	1.35	2.01	30,840	4,365	20.00	8.54

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
WEST SOUTH CENTRAL—Continued.												
Louisiana, total	**25,532**	**15,022**	**208,631**	**181,110**	**278,556**	**247,218**	**1.34**	**1.37**	**$7,083,068**	**$2,446,391**	**$25.43**	**$9.90**
All hay crops			196,521	179,182	247,999	242,507	1.26	1.35	6,674,757	2,405,446	26.91	9.92
Cultivated hay			182,502	157,907	228,742	216,255	1.25	1.37	6,289,617	2,152,198	27.50	9.95
Timothy alone	226	104	1,489	1,048	1,702	1,331	1.14	1.27	51,060	13,920	30.00	10.46
Timothy and clover mixed	126	111	1,376	2,678	1,898	4,597	1.38	1.72	56,940	63,127	30.00	13.73
Clover alone	2,804	659	35,463	9,601	48,418	15,287	1.37	1.59	1,307,286	171,170	27.00	11.20
Alfalfa	714	685	8,289	12,073	17,224	28,146	2.08	2.33	637,288	376,562	37.00	13.38
Other tame grasses	9,030		54,709	27,434	70,045	39,768	1.28	1.45	1,681,080	396,139	24.00	9.96
Small grains and legumes		7,674	81,176	105,073	89,455	127,126	1.10	1.21	2,555,963	1,131,280	28.57	8.90
Small grains cut for hay	1,168		6,260		6,372		1.02		146,556		23.00	
Annual legumes cut for hay	7,573		74,916		83,083		1.11		2,409,407		29.00	
Wild, salt, or prairie grasses	2,978	2,946	14,019	21,275	19,257	26,252	1.37	1.23	385,140	253,248	20.00	9.65
Silage and miscellaneous forage crops			5,772	1,922	25,207	4,683	4.37	2.44	297,709	40,598	11.81	8.67
Silage crops	169		3,938		21,058		5.35		210,580		10.00	
Kafir, sorghum, etc., for forage	749		1,834		4,149		2.26		87,129		21.00	
Corn cut for forage	1,044		5,910		3,563		0.60		65,927		18.50	
Root crops for forage	180		428	6	1,787	28	4.18	4.67	44,675	347	25.00	12.39
Oklahoma, total	**115,367**	**64,487**	**2,073,513**	**1,360,411**	**3,038,396**	**1,447,296**	**1.47**	**1.06**	**50,072,900**	**9,877,704**	**16.48**	**6.82**
All hay crops			1,148,976	1,030,272	1,582,623	1,064,708	1.38	1.03	31,003,087	7,673,945	19.59	7.21
Cultivated hay			617,456	335,096	1,021,881	457,588	1.65	1.37	21,750,828	4,285,347	21.28	9.37
Timothy alone	615	678	4,915	9,690	6,190	9,817	1.26	1.01	117,610	83,741	19.00	8.53
Timothy and clover mixed	542	471	4,787	6,935	5,842	6,355	1.22	0.92	119,770	53,284	20.50	8.38
Clover alone	555	212	3,657	1,719	4,362	2,214	1.19	1.29	91,602	20,675	21.00	9.34
Alfalfa	24,025	17,467	347,607	206,823	680,446	321,675	1.96	1.56	15,990,502	3,230,384	23.50	10.04
Other tame grasses	17,262		140,278	84,943	188,265	93,806	1.34	1.10	3,106,394	710,861	16.50	7.58
Small grains and legumes		2,690	116,212	24,986	136,776	23,721	1.18	0.95	2,324,950	186,402	17.00	7.86
Small grains cut for hay	14,594		94,359		109,524		1.16		1,807,162		16.50	
Annual legumes cut for hay	3,040		21,853		27,252		1.25		517,788		19.00	
Wild, salt, or prairie grasses	20,636	23,263	531,520	695,176	560,742	607,120	1.05	0.87	9,252,259	3,388,598	16.50	5.58
Silage and miscellaneous forage crops			851,358	329,923	1,363,991	382,218	1.60	1.16	18,014,304	2,200,979	13.21	5.76
Silage crops	1,035		24,718		99,901		4.04		949,070		9.50	
Kafir, sorghum, etc., for forage	72,198		826,640		1,264,090		1.53		17,065,234		13.50	
Corn cut for forage	7,533		73,179		91,782		1.25		1,055,509		11.50	
Root crops for forage				216		370		1.71		2,780		7.51
Texas, total	**202,848**	**110,908**	**2,390,457**	**1,357,112**	**3,729,651**	**1,329,245**	**1.56**	**0.98**	**73,324,319**	**13,571,808**	**19.66**	**10.21**
All hay crops			744,008	621,381	999,629	569,529	1.34	0.92	23,189,867	6,328,793	23.20	11.11
Cultivated hay			556,006	385,795	778,267	389,311	1.40	1.01	19,094,621	4,780,655	24.53	12.28
Timothy alone	748	157	5,302	1,077	6,798	916	1.28	0.85	135,960	11,016	20.00	12.03
Timothy and clover mixed	84	20	454	306	491	468	1.08	1.53	9,820	5,669	20.00	12.11
Clover alone	124	67	720	529	885	878	1.23	1.66	17,700	13,972	20.00	15.91
Alfalfa	3,442	4,001	58,266	55,332	137,043	97,936	2.35	1.77	4,042,812	1,339,314	29.50	13.68
Other tame grasses	36,167		261,464	259,902	382,707	234,110	1.46	0.90	8,802,261	2,702,059	23.00	11.54
Small grains and legumes		12,528	220,800	68,649	250,343	55,003	1.09	0.80	6,086,068	708,625	24.31	12.88
Small grains cut for hay	27,985		172,626		198,484		1.15		4,763,616		24.00	
Annual legumes cut for hay	12,447		57,174		51,859		0.91		1,322,452		25.50	
Wild, salt, or prairie grasses	13,250	9,518	188,002	235,586	221,362	180,218	1.18	0.76	4,095,246	1,548,138	18.50	8.59
Silage and miscellaneous forage crops			1,527,680	735,429	2,657,272	759,063	1.74	1.03	48,751,973	7,236,824	18.35	9.53
Silage crops	1,540		30,917		182,761		5.91		1,736,264		9.50	
Kafir, sorghum, etc., for forage	137,707		1,496,763		2,474,511		1.65		47,015,709		19.00	
Corn cut for forage	11,942		118,710		72,295		0.61		1,373,605		19.00	
Root crops for forage	25		59	302	455	653	7.71	2.16	8,874	6,191	19.50	9.48
MOUNTAIN.												
Montana, total	**31,063**	**14,993**	**1,675,472**	**1,135,463**	**1,382,946**	**1,693,333**	**0.83**	**1.49**	**36,115,771**	**12,348,150**	**26.12**	**7.29**
All hay crops			1,608,836	1,133,975	1,334,336	1,689,763	0.83	1.49	35,419,815	12,323,475	26.54	7.29
Cultivated hay			1,157,635	549,243	1,053,237	1,099,903	0.91	2.00	28,813,975	8,192,151	27.36	7.45
Timothy alone	2,260	3,564	80,768	117,888	62,679	171,030	0.78	1.45	1,849,045	1,594,398	29.50	9.32
Timothy and clover mixed	2,872	2,223	140,812	90,541	150,433	156,039	1.07	1.72	4,512,990	1,457,117	30.00	9.34
Clover alone	646	437	13,166	11,575	13,648	24,094	1.04	2.08	402,628	176,507	29.50	7.33
Alfalfa	10,574	5,582	374,233	224,226	586,683	599,747	1.57	2.67	16,133,796	3,793,059	27.50	6.32
Other tame grasses	1,932		75,548	59,121	64,179	78,657	0.85	1.33	1,700,756	578,719	26.50	7.36
Small grains and legumes		3,185	473,108	45,892	175,615	70,336	0.37	1.53	4,214,760	592,351	24.00	8.42
Small grains cut for hay	14,856		466,727		170,960		0.37		4,103,040		24.00	
Annual legumes cut for hay	242		6,381		4,655		0.73		111,720		24.00	
Wild, salt, or prairie grasses	6,156	6,461	451,201	584,732	281,099	589,860	0.62	1.01	6,605,840	4,131,324	23.50	7.00
Silage and miscellaneous forage crops			4,574	1,151	11,069	1,738	2.42	1.51	146,028	14,292	13.19	8.22
Silage crops	124		1,917		7,769		4.05		93,228		12.00	
Kafir, sorghum, etc., for forage	191		2,657		3,300		1.24		52,800		16.00	
Corn cut for forage	4,081		61,137		33,482		0.55		468,748		14.00	
Root crops for forage	412		925	357	4,059	1,832	4.39	5.13	81,180	10,383	20.00	5.67
Idaho, total	**33,490**	**20,733**	**1,189,220**	**732,914**	**2,330,543**	**1,584,617**	**1.96**	**2.16**	**50,802,765**	**12,101,239**	**21.80**	**7.64**
All hay crops			1,169,871	731,688	2,247,758	1,579,514	1.92	2.16	49,895,421	12,063,906	22.20	7.64
Cultivated hay			1,048,774	611,327	2,131,519	1,437,589	2.03	2.35	47,686,880	11,208,842	22.37	7.80
Timothy alone	3,817	4,374	82,574	102,610	72,682	140,134	0.88	1.37	2,107,778	1,571,379	29.00	11.21
Timothy and clover mixed	3,373	1,762	102,113	53,992	118,808	99,864	1.16	1.85	3,089,008	952,656	26.00	9.54
Clover alone	1,804	697	20,383	8,836	30,348	20,944	1.49	2.37	606,960	152,189	20.00	7.27
Alfalfa	23,126	11,303	651,172	308,892	1,741,165	964,529	2.67	3.12	37,435,060	6,621,460	21.50	6.86
Other tame grasses	789		21,120	39,786	25,144	72,020	1.19	1.81	528,024	484,536	21.00	6.73
Small grains and legumes		6,247	171,412	97,211	143,372	140,098	0.84	1.44	3,920,050	1,426,622	27.34	10.18
Small grains cut for hay	9,107		167,531		139,881		0.83		3,846,739		27.50	
Annual legumes cut for hay	268		3,881		3,491		0.90		73,311		21.00	
Wild, salt, or prairie grasses	2,003	2,068	121,097	120,361	116,239	141,925	0.96	1.18	2,208,541	855,064	19.00	6.02
Silage and miscellaneous forage crops			8,760	919	55,770	1,809	6.37	1.97	558,214	13,969	10.01	7.72
Silage crops	754		8,527		55,256		6.48		552,560		10.00	
Kafir, sorghum, etc., for forage	64		233		514		2.21		5,654		11.00	
Corn cut for forage	1,431		8,205		16,622		2.03		182,842		11.00	
Root crops for forage	701		2,384	307	10,393	3,294	4.36	10.73	166,288	23,364	16.00	7.09

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
MOUNTAIN—Continued.												
Wyoming, total	11,039	6,960	832,482	585,434	907,287	853,802	1.09	1.46	$20,612,504	$6,079,923	$22.72	$7.12
All hay crops			795,640	581,765	873,685	847,448	1.10	1.46	20,133,534	6,035,836	23.04	7.12
Cultivated hay			568,621	339,059	700,492	619,382	1.23	1.83	16,063,495	4,253,606	22.93	6.87
Timothy alone	533	975	30,429	29,433	29,479	44,655	0.97	1.52	766,454	341,700	26.00	7.65
Timothy and clover mixed	489	211	33,716	8,056	41,864	16,328	1.24	2.02	1,004,736	132,786	24.00	8.13
Clover alone	139	21	3,847	360	4,020	808	1.04	2.24	80,400	5,472	20.00	6.77
Alfalfa	6,108	3,364	330,094	170,431	514,168	397,669	1.56	2.33	11,825,864	2,630,457	23.00	6.61
Other tame grasses	1,149		66,931	111,221	59,542	136,109	0.89	1.22	1,309,924	942,284	22.00	6.92
Small grains and legumes		1,318	103,604	19,548	51,419	23,313	0.50	1.22	1,076,117	200,907	20.93	8.44
Small grains cut for hay	3,790		101,294		49,578		0.49		1,041,138		21.00	
Annual legumes cut for hay	95		2,310		1,841		0.80		34,979		19.00	
Wild, salt, or prairie grasses	1,831	2,563	227,019	242,706	173,193	228,066	0.76	0.94	4,070,039	1,782,230	23.50	7.81
Silage and miscellaneous forage crops			2,630	3,464	7,416	4,812	2.82	1.39	78,990	36,288	10.65	7.54
Silage crops	69		1,199		6,450		5.38		64,500		10.00	
Kafir, sorghum, etc., for forage	162		1,431		966		0.68		14,490		15.00	
Corn cut for forage	2,161		33,895		24,748		0.73		371,220		15.00	
Root crops for forage	57		317	205	1,438	1,542	4.54	7.52	28,760	7,804	20.00	5.06
Colorado, total	49,640	29,138	2,215,730	1,288,263	3,580,123	2,249,547	1.62	1.75	60,769,080	17,327,615	16.97	7.70
All hay crops			1,637,741	1,179,604	2,702,462	2,042,569	1.65	1.73	50,074,525	18,234,092	18.53	7.95
Cultivated hay			1,226,634	784,805	2,337,558	1,674,161	1.91	2.13	43,688,689	13,147,136	18.69	7.85
Timothy alone	1,501	1,770	44,548	51,505	61,865	82,482	1.39	1.60	1,299,165	746,146	21.00	9.05
Timothy and clover mixed	2,109	904	124,849	45,001	215,141	84,636	1.72	1.88	4,733,102	685,164	22.00	8.10
Clover alone	277	96	4,633	1,418	7,205	3,695	1.56	2.61	122,485	29,106	17.00	7.88
Alfalfa	24,870	15,981	731,663	508,892	1,779,005	1,265,915	2.28	2.49	32,911,600	9,709,180	18.50	7.67
Other tame grasses	6,369		126,041	102,956	131,544	143,173	1.04	1.39	2,104,704	1,131,996	16.00	7.91
Small grains and legumes		4,371	144,900	75,033	142,798	94,260	0.99	1.26	2,517,633	345,544	17.63	8.97
Small grains cut for hay	8,112		132,136		125,221		0.95		2,253,978		18.00	
Annual legumes cut for hay	643		12,764		17,577		1.38		263,655		15.00	
Wild, salt, or prairie grasses	4,599	4,404	411,107	394,799	364,904	368,408	0.89	0.93	6,385,836	3,086,956	17.50	8.38
Silage and miscellaneous forage crops			398,467	104,843	678,628	163,534	1.70	1.56	8,107,126	890,248	11.95	5.44
Silage crops	2,766		56,126		238,346		4.25		2,383,460		10.00	
Kafir, sorghum, etc., for forage	15,224		342,341		440,282		1.29		5,723,666		13.00	
Corn cut for forage	10,974		177,993		191,600		1.08		2,490,800		13.00	
Root crops for forage	658		1,520	3,816	7,433	43,444	4.86	11.38	96,629	203,275	13.00	4.68
New Mexico, total	20,806	17,394	436,547	370,596	693,807	433,504	1.59	1.17	12,852,751	4,493,918	18.52	10.37
All hay crops			223,621	177,377	394,007	331,683	1.76	1.87	8,541,119	3,584,383	21.68	10.81
Cultivated hay			180,741	149,354	356,496	309,633	1.97	2.07	7,940,943	3,344,987	22.27	10.80
Timothy alone	599	232	6,298	2,370	7,664	3,233	1.22	1.36	153,280	37,003	20.00	11.45
Timothy and clover mixed	236	198	2,418	1,881	3,478	2,650	1.44	1.41	62,604	28,035	18.00	10.58
Clover alone	90	16	1,469	197	2,286	410	1.56	2.08	36,576	3,591	16.00	8.76
Alfalfa	8,726	7,167	116,926	102,650	278,595	265,622	2.38	2.59	6,407,685	2,846,388	23.00	10.72
Other tame grasses	2,034		23,420	29,117	26,571	21,355	1.13	0.70	557,991	235,281	21.00	11.56
Small grains and legumes		1,550	30,210	13,139	37,902	17,363	1.25	1.32	722,807	194,689	19.07	11.21
Small grains cut for hay	2,724		26,784		34,282		1.28		668,507		19.50	
Annual legumes cut for hay	288		3,426		3,620		1.06		54,300		15.00	
Wild, salt, or prairie grasses	1,430	1,002	42,880	28,023	37,511	22,050	0.87	0.79	600,176	239,396	16.00	10.86
Silage and miscellaneous forage crops			179,928	193,184	265,149	101,699	1.47	0.53	3,885,890	908,546	14.66	8.93
Silage crops	247		3,541		16,609		4.69		157,790		9.50	
Kafir, sorghum, etc., for forage	7,340		176,387		248,540		1.41		3,728,100		15.00	
Corn cut for forage	3,573		32,293		32,996		1.02		395,952		12.00	
Root crops for forage	111		705	35	1,655	122	2.35	3.49	29,790	989	18.00	8.11
Arizona, total	6,530	3,738	197,498	102,988	494,688	260,878	2.50	2.53	10,658,211	2,564,156	21.55	9.83
All hay crops			152,600	97,244	393,156	235,991	2.58	2.43	9,428,757	2,397,761	23.98	10.16
Cultivated hay			144,236	87,730	385,354	227,823	2.67	2.60	9,319,529	2,315,774	24.18	10.16
Timothy alone	39	14	309	120	411	182	1.33	1.52	10,275	1,948	25.00	10.70
Timothy and clover mixed	25	10	368	143	530	289	1.44	2.02	13,250	4,984	25.00	17.25
Clover alone	39	4	193	119	272	119	1.41	1.00	5,712	1,255	21.00	10.55
Alfalfa	3,810	2,179	109,633	66,102	337,622	194,534	3.08	2.94	8,271,700	1,896,459	24.50	9.75
Other tame grasses	686		9,504	2,188	15,422	2,987	1.62	1.37	293,018	42,812	19.00	14.33
Small grains and legumes		999	24,229	19,058	31,097	29,712	1.28	1.56	725,574	368,316	23.33	12.40
Small grains cut for hay	1,070		23,093		29,609		1.28		695,814		23.50	
Annual legumes cut for hay	60		1,136		1,488		1.31		29,760		20.00	
Wild, salt, or prairie grasses	339	327	8,364	9,514	7,802	8,168	0.93	0.86	109,228	81,987	14.00	10.04
Silage and miscellaneous forage crops			36,200	4,478	87,071	8,884	2.41	1.98	1,069,771	94,821	12.29	10.67
Silage crops	308		7,254		42,963		5.92		408,151		9.50	
Kafir, sorghum, etc., for forage	1,996		28,946		44,108		1.52		661,620		15.00	
Corn cut for forage	818		8,677		14,344		1.65		157,784		11.00	
Root crops for forage	23		21	1,266	115	16,003	5.48	12.64	1,899	71,574	16.51	4.47
Utah, total	21,479	17,937	549,967	405,428	1,031,609	1,016,075	1.88	2.51	24,759,397	7,431,492	24.00	7.31
All hay crops			538,295	402,248	978,332	977,265	1.82	2.43	24,093,243	7,247,405	24.63	7.42
Cultivated hay			457,353	334,365	883,174	885,950	1.93	2.65	22,285,241	6,717,376	25.23	7.58
Timothy alone	903	1,026	13,343	16,819	21,077	34,214	1.58	2.03	558,549	302,980	26.50	8.86
Timothy and clover mixed	1,584	633	33,164	11,508	53,993	24,115	1.63	2.10	1,403,818	204,659	26.00	8.49
Clover alone	354	77	2,849	728	4,043	1,793	1.42	2.46	88,946	14,789	22.00	8.25
Alfalfa	18,573	16,565	365,190	284,182	748,949	791,355	2.05	2.78	19,098,207	5,950,250	25.50	7.52
Other tame grasses	1,118		25,388	19,587	33,481	31,848	1.32	1.63	703,101	224,198	21.00	7.04
Small grains and legumes		220	17,419	1,541	21,631	2,625	1.24	1.70	432,620	20,500	20.00	7.81
Small grains cut for hay	1,747		15,589		17,585		1.13		351,700		20.00	
Annual legumes cut for hay	252		1,830		4,046		2.21		80,920		20.00	
Wild, salt, or prairie grasses	2,261	2,110	80,942	67,883	95,158	91,315	1.18	1.35	1,808,002	530,029	19.00	5.80
Silage and miscellaneous forage crops			4,101	595	31,740	1,356	7.74	2.28	321,904	9,525	10.14	7.02
Silage crops	462		3,890		31,380		8.07		313,800		10.00	
Kafir, sorghum, etc., for forage	61		211		360		1.71		8,104		22.51	
Corn cut for forage	1,322		6,638		12,623		1.90		170,420		13.50	
Root crops for forage	513		933	2,585	8,914	37,454	9.55	14.49	173,830	174,562	19.50	4.66

TABLE 80.—HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE OF THE DIFFERENT CROPS, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919 AND 1909—Continued.

DIVISION OR STATE AND CROP.	FARMS REPORTING.		ACREAGE.		PRODUCTION (TONS).		AVERAGE YIELD PER ACRE (TONS).		VALUE.		AVERAGE VALUE PER TON.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
MOUNTAIN—Continued.												
Nevada, total	2,709	2,081	353,300	350,541	548,033	521,954	1.55	1.49	$10,964,159	$4,185,270	$20.01	$8.02
All hay crops			352,786	350,401	545,639	521,184	1.55	1.49	10,938,068	4,181,310	20.05	8.02
Cultivated hay			175,451	152,685	397,765	331,846	2.27	2.17	8,202,396	2,760,860	20.62	8.32
Timothy alone	91	142	4,460	14,954	5,079	21,395	1.14	1.43	116,817	163,929	23.00	7.66
Timothy and clover mixed	159	157	14,678	17,141	20,045	26,157	1.37	1.53	461,035	226,179	23.00	8.65
Clover alone	11	6	777	77	1,193	120	1.54	1.56	26,246	965	22.00	8.04
Alfalfa	2,072	1,479	117,156	90,151	330,999	238,383	2.83	2.64	6,785,482	1,955,980	20.50	8.21
Other tame grasses	204		30,560	26,178	32,399	40,365	1.06	1.54	664,181	330,105	20.50	8.18
Small grains and legumes		185	7,820	4,184	8,050	5,426	1.03	1.30	148,635	83,702	18.46	15.43
Small grains cut for hay	308		7,046		7,459		1.06		137,997		18.50	
Annual legumes cut for hay	12		774		591		0.76		10,638		18.00	
Wild, salt, or prairie grasses	808	760	177,335	197,716	147,874	189,338	0.83	0.96	2,735,672	1,420,450	18.50	7.50
Silage and miscellaneous forage crops			216	136	1,794	730	8.31	5.37	18,291	3,711	10.20	5.08
Silage crops	21		179		1,677		9.37		16,770		10.00	
Kafir, sorghum, etc., for forage	23		37		117		3.16		1,521		13.00	
Corn cut for forage	38		266		474		1.78		6,162		13.00	
Root crops for forage	17		32	4	126	40	3.94	10.00	1,638	249	13.00	6.23
PACIFIC.												
Washington, total	50,586	38,897	1,064,130	742,741	2,013,913	1,399,597	1.89	1.88	47,717,065	17,200,252	23.69	12.29
All hay crops			1,008,871	730,724	1,750,420	1,349,834	1.74	1.85	44,068,624	16,889,028	25.18	12.51
Cultivated hay			978,816	702,556	1,717,241	1,319,271	1.75	1.88	43,438,223	16,591,012	25.30	12.58
Timothy alone	4,471	5,310	50,636	88,298	79,269	143,461	1.57	1.62	2,378,070	2,168,916	30.00	15.12
Timothy and clover mixed	14,806	11,226	145,252	120,890	306,480	253,194	2.11	2.09	7,508,770	3,635,626	24.50	14.36
Clover alone	3,274	2,166	17,795	10,897	37,108	21,923	2.09	2.01	890,592	293,948	24.00	13.41
Alfalfa	14,583	5,643	228,787	94,900	655,876	357,595	2.87	3.77	15,741,019	3,667,991	24.00	10.26
Other tame grasses	3,878		51,953	29,028	90,913	43,143	1.75	1.49	1,909,173	599,016	21.00	13.88
Small grains and legumes		24,119	484,493	358,543	547,595	499,955	1.13	1.39	15,010,599	6,225,515	27.41	12.45
Small grains cut for hay	29,782		477,081		536,868		1.13		14,763,878		27.50	
Annual legumes cut for hay	1,046		7,412		10,727		1.45		246,721		23.00	
Wild, salt, or prairie grasses	1,734	1,136	30,055	28,168	33,179	30,563	1.10	1.09	630,401	298,016	19.00	9.75
Silage and miscellaneous forage crops			23,160	10,382	156,166	26,700	6.74	2.57	1,720,494	168,471	11.02	6.31
Silage crops	3,045		22,540		154,832		6.87		1,703,152		11.00	
Kafir, sorghum, etc., for forage	178		620		1,334		2.15		17,342		13.00	
Corn cut for forage	4,944		24,725		40,740		1.65		529,620		13.00	
Root crops for forage	6,612		7,374	1,635	66,587	23,063	9.03	14.11	1,398,327	142,753	21.00	6.19
Oregon, total	41,389	32,963	1,229,404	940,508	2,197,619	1,598,543	1.79	1.70	41,835,706	15,276,648	19.04	9.56
All hay crops			1,177,215	928,572	1,908,893	1,521,634	1.62	1.64	38,672,162	14,879,496	20.26	9.78
Cultivated hay			950,753	710,501	1,641,030	1,272,717	1.73	1.79	34,394,354	13,195,450	20.96	10.37
Timothy alone	2,280	2,669	30,680	40,166	45,570	67,239	1.48	1.67	1,139,250	724,091	25.00	10.77
Timothy and clover mixed	4,609	4,089	81,819	66,652	135,625	129,278	1.66	1.94	3,119,375	1,449,854	23.00	11.22
Clover alone	5,988	5,057	53,128	47,435	102,953	83,909	1.94	1.77	2,110,544	929,144	20.50	11.07
Alfalfa	7,417	4,708	210,655	120,427	592,460	375,445	2.81	3.12	12,441,660	3,275,220	21.00	8.72
Other tame grasses	6,356		82,349	62,118	143,191	107,816	1.74	1.74	2,577,438	1,078,210	18.00	10.00
Small grains and legumes		22,954	492,113	373,703	621,231	509,030	1.26	1.36	13,006,087	5,738,931	20.94	11.27
Small grains cut for hay	25,746		467,390		581,467		1.24		12,210,807		21.00	
Annual legumes cut for hay	1,957		24,723		39,764		1.61		795,280		20.00	
Wild, salt, or prairie grasses	3,292	2,533	226,462	218,071	267,363	248,917	1.18	1.14	4,277,808	1,684,046	16.00	6.77
Silage and miscellaneous forage crops			34,243	10,596	186,993	58,761	5.46	5.55	1,869,930	299,941	10.00	5.10
Silage crops	3,888		33,545		182,156		5.43		1,821,560		10.00	
Kafir, sorghum, etc., for forage	316		698		4,837		6.93		48,370		10.00	
Corn cut for forage	3,691		12,836		34,412		2.68		344,120		10.00	
Root crops for forage	3,708		5,111	1,340	67,821	18,148	13.27	13.54	949,494	97,211	14.00	5.36
California, total	65,953	53,760	2,202,853	2,534,235	4,494,940	4,331,885	2.04	1.71	96,121,846	42,206,252	21.38	9.74
All hay crops			2,138,412	2,503,467	4,111,688	4,175,933	1.92	1.67	91,352,795	41,483,105	22.22	9.93
Cultivated hay			1,960,059	2,250,340	3,926,096	3,894,900	2.00	1.73	88,754,507	39,454,611	22.61	10.13
Timothy alone	458	370	12,962	13,725	19,389	20,001	1.50	1.46	368,391	185,579	19.00	9.28
Timothy and clover mixed	1,115	958	52,276	46,661	75,328	73,183	1.44	1.57	1,393,581	629,575	18.50	8.60
Clover alone	803	703	15,227	8,519	24,594	20,380	1.62	2.39	454,999	213,289	18.50	10.47
Alfalfa	31,652	19,904	718,515	484,134	2,412,554	1,639,707	3.36	3.39	54,282,479	13,088,530	22.50	7.98
Other tame grasses	2,229		49,836	92,556	67,367	122,103	1.35	1.32	1,178,938	1,280,911	17.50	10.49
Small grains and legumes		39,397	1,111,243	1,604,745	1,326,864	2,019,526	1.19	1.26	31,076,119	24,056,727	23.42	11.91
Small grains cut for hay	39,958		1,085,380		1,296,807		1.19		30,474,979		23.50	
Annual legumes cut for hay	915		25,863		30,057		1.16		601,140		20.00	
Wild, salt, or prairie grasses	3,061	3,679	178,353	253,127	185,592	281,033	1.04	1.11	2,598,288	2,028,494	14.00	7.22
Silage and miscellaneous forage crops			44,040	26,470	232,458	63,444	5.28	2.40	2,343,350	450,581	10.08	7.10
Silage crops	1,803		29,521		207,913		7.04		1,975,184		9.50	
Kafir, sorghum, etc., for forage	1,386		14,519		24,545		1.69		368,175		15.00	
Corn cut for forage	2,033		13,661		24,967		1.83		349,538		14.00	
Root crops for forage	1,641		6,740	4,298	125,827	92,508	18.67	21.52	2,076,154	272,566	16.50	2.95

TABLE 81.—HAY—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (−) denotes decrease.]

DIVISION AND STATE.	ACREAGE.				PRODUCTION (TONS).				VALUE.	
	1919	1909	Increase.		1919	1909	Increase.		1919	1909
			Amount.	Per cent.			Amount.	Per cent.		
United States	**72,779,888**	**68,227,310**	**4,552,578**	**6.7**	**90,355,540**	**87,216,351**	**3,139,189**	**3.6**	**$1,953,149,124**	**$776,067,880**
GEOGRAPHIC DIVISIONS:										
New England	3,381,095	3,680,573	−299,478	−8.1	3,861,503	3,702,132	159,371	4.3	96,309,865	54,582,556
Middle Atlantic	8,181,183	8,181,113	70	(1)	10,159,859	8,936,001	1,223,858	13.7	249,060,888	120,562,756
East North Central	14,204,086	14,082,093	121,993	0.9	17,849,999	18,335,732	−485,733	−2.6	427,758,698	177,069,502
West North Central	26,570,517	26,082,578	487,939	1.9	30,847,467	33,455,116	−2,607,649	−7.8	521,108,598	200,062,426
South Atlantic	3,370,687	2,756,054	614,633	22.3	3,342,374	2,758,623	583,751	21.2	96,356,002	36,671,972
East South Central	3,419,269	2,388,132	1,031,137	43.2	3,452,358	2,448,368	1,003,990	41.0	99,847,621	28,774,256
West South Central	2,849,163	2,239,702	609,461	27.2	3,602,104	2,307,561	1,294,543	56.1	80,089,389	21,024,615
Mountain	6,479,390	4,654,302	1,825,088	39.2	9,469,375	8,225,417	1,243,958	15.1	208,524,482	64,068,168
Pacific	4,324,498	4,162,763	161,735	3.9	7,770,501	7,047,401	723,100	10.3	174,093,581	73,251,629
NEW ENGLAND:										
Maine	1,227,080	1,243,198	−16,118	−1.3	1,206,323	1,030,906	175,417	17.0	28,321,975	14,703,218
New Hampshire	449,459	517,096	−67,637	−13.1	480,615	473,633	6,982	1.5	12,388,144	7,311,629
Vermont	926,366	975,177	−48,811	−5.0	1,211,240	1,049,454	161,786	15.4	25,714,465	14,293,538
Massachusetts	421,533	498,024	−76,491	−15.4	546,011	643,823	−97,812	−15.2	16,942,627	10,343,734
Rhode Island	43,984	59,602	−15,618	−26.2	54,522	72,258	−17,736	−24.5	1,851,027	1,258,357
Connecticut	312,673	387,476	−74,803	−19.3	362,792	432,058	−69,266	−16.0	11,091,627	6,672,080
MIDDLE ATLANTIC:										
New York	4,987,520	4,783,592	203,928	4.3	6,264,685	5,171,964	1,092,721	21.1	143,962,495	69,408,536
New Jersey	291,739	391,326	−99,587	−25.4	394,865	511,338	−116,473	−22.8	11,320,102	7,377,689
Pennsylvania	2,901,924	3,006,195	−104,271	−3.5	3,500,309	3,252,699	247,610	7.6	93,778,291	43,776,531
EAST NORTH CENTRAL:										
Ohio	3,026,527	3,184,331	−157,804	−5.0	3,716,036	4,076,609	−360,573	−8.8	94,431,119	40,915,967
Indiana	2,013,983	2,098,256	−84,273	−4.0	2,280,863	2,527,391	−246,528	−9.8	54,978,796	23,545,024
Illinois	3,014,762	3,216,575	−201,813	−6.3	3,637,380	4,061,065	−423,685	−10.4	87,726,056	39,262,810
Michigan	2,866,726	2,625,193	241,533	9.2	3,172,012	3,247,282	−75,270	−2.3	79,194,473	34,670,988
Wisconsin	3,282,088	2,957,738	324,350	11.0	5,043,708	4,423,385	620,323	14.0	111,428,254	38,674,718
WEST NORTH CENTRAL:										
Minnesota	4,119,696	3,823,895	295,801	7.7	5,665,616	5,631,168	34,448	0.6	83,335,911	25,223,041
Iowa	3,582,145	4,869,041	−1,286,896	−26.4	5,348,102	7,312,591	−1,964,489	−26.9	107,990,944	56,893,892
Missouri	2,867,380	3,463,891	−596,511	−17.2	3,358,316	3,816,836	−458,520	−12.0	72,910,293	32,798,445
North Dakota	3,702,323	2,820,969	881,354	31.2	2,929,651	2,902,351	27,300	0.9	46,074,635	11,907,887
South Dakota	4,556,639	3,403,206	1,153,433	33.9	3,917,259	3,573,286	343,973	9.6	58,554,150	14,871,628
Nebraska	4,798,363	4,397,746	400,617	9.1	5,307,720	5,545,437	−237,717	−4.3	84,450,146	30,747,558
Kansas	2,943,971	3,303,830	−359,859	−10.9	4,320,803	4,673,447	−352,644	−7.5	67,792,519	27,619,975
SOUTH ATLANTIC:										
Delaware	70,996	79,788	−8,792	−11.0	88,857	99,228	−10,371	−10.5	2,539,905	1,156,759
Maryland	385,200	387,507	−2,307	−0.6	444,894	440,464	4,430	1.0	12,278,466	5,860,309
District of Columbia	507	666	−159	−23.9	845	1,485	−640	−43.1	24,947	21,713
Virginia	856,257	750,572	105,685	14.1	944,693	780,109	164,584	21.1	27,175,207	10,032,004
West Virginia	701,236	698,016	3,220	0.5	692,852	622,768	70,084	11.3	19,260,770	7,418,345
North Carolina	472,421	359,990	112,431	31.2	449,298	353,950	95,348	26.9	13,452,418	4,639,134
South Carolina	333,801	201,672	132,129	65.5	274,816	176,891	97,925	55.4	8,419,530	3,067,022
Georgia	460,332	228,642	231,690	101.3	375,010	232,182	142,828	61.5	11,177,826	3,678,007
Florida	89,937	49,201	40,736	82.8	71,109	51,546	19,563	38.0	2,026,933	798,679
EAST SOUTH CENTRAL:										
Kentucky	1,073,222	924,469	148,753	16.1	1,085,318	913,747	171,571	18.8	31,980,480	10,092,777
Tennessee	1,382,067	1,023,671	358,396	35.0	1,401,646	1,038,004	363,642	35.0	42,261,210	12,357,011
Alabama	530,226	220,112	310,114	140.9	443,525	230,406	213,119	92.5	11,827,525	3,107,387
Mississippi	433,754	219,880	213,874	97.3	521,869	266,211	255,658	96.0	13,778,406	3,217,081
WEST SOUTH CENTRAL:										
Arkansas	759,658	408,867	350,791	85.8	771,853	430,817	341,036	79.2	19,221,678	4,616,431
Louisiana	196,521	179,182	17,339	9.7	247,999	242,507	5,492	2.3	6,674,757	2,405,446
Oklahoma	1,148,976	1,030,272	118,704	11.5	1,582,623	1,064,708	517,915	48.6	31,003,087	7,673,945
Texas	744,008	621,381	122,627	19.7	999,629	569,529	430,100	75.5	23,189,867	6,328,703
MOUNTAIN:										
Montana	1,608,836	1,133,975	474,861	41.9	1,334,336	1,689,763	−355,427	−21.0	35,419,815	12,323,475
Idaho	1,169,871	731,688	438,183	59.9	2,247,758	1,579,514	668,244	42.3	49,895,421	12,063,906
Wyoming	795,640	581,765	213,875	36.8	873,685	847,448	26,237	3.1	20,133,534	6,035,836
Colorado	1,637,741	1,179,604	458,137	38.8	2,702,462	2,042,569	659,893	32.3	50,074,525	16,234,092
New Mexico	223,621	177,377	46,244	26.1	394,007	331,683	62,324	18.8	8,541,119	3,584,383
Arizona	152,600	97,244	55,356	56.9	393,156	235,991	157,165	66.6	9,428,757	2,397,761
Utah	538,295	402,248	136,047	33.8	978,332	977,265	1,067	0.1	24,093,243	7,247,405
Nevada	352,786	350,401	2,385	0.7	545,639	521,184	24,455	4.7	10,938,068	4,181,310
PACIFIC:										
Washington	1,008,871	730,724	278,147	38.1	1,750,420	1,349,834	400,586	29.7	44,068,624	16,889,028
Oregon	1,177,215	928,572	248,643	26.8	1,908,393	1,521,634	386,759	25.4	38,672,162	14,879,496
California	2,138,412	2,503,467	−365,055	−14.6	4,111,688	4,175,933	−64,245	−1.5	91,352,795	41,483,105

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

TABLE 82.—HAY—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1919.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (TONS).				
	1919	1909	1899	1889 [1]	1879	1919	1909	1899	1889 [1]	1879
United States	72,779,888	68,227,310	58,583,847	52,948,797	30,631,054	90,355,540	87,216,351	71,112,709	66,831,480	35,150,711
GEOGRAPHIC DIVISIONS:										
New England	3,381,095	3,680,573	3,946,757	4,180,355	4,254,246	3,861,503	3,702,132	3,935,132	4,565,014	4,079,545
Middle Atlantic	8,181,183	8,181,113	8,609,421	9,024,966	7,772,118	10,159,859	8,936,001	9,343,814	11,669,031	8,586,149
East North Central	14,204,026	14,082,093	13,180,719	13,102,467	8,661,809	17,849,999	18,335,732	15,678,338	16,999,895	10,150,809
West North Central	26,570,517	26,082,578	20,663,874	19,118,001	6,829,057	30,847,467	33,455,116	26,018,393	24,010,930	9,031,669
South Atlantic	3,370,687	2,756,054	2,105,896	1,925,753	1,128,420	3,342,374	2,758,623	2,102,594	2,104,458	943,941
East South Central	3,419,269	2,388,132	1,439,361	1,339,410	514,137	3,452,358	2,448,368	1,463,590	1,422,770	423,675
West South Central	2,849,163	2,239,702	1,689,810	574,122	119,296	3,602,104	2,307,561	2,084,046	773,973	98,739
Mountain	6,479,390	4,654,302	3,537,930	1,499,075	370,692	9,469,375	8,225,417	5,625,506	2,039,239	418,059
Pacific	4,324,498	4,162,763	3,410,079	2,184,648	981,279	7,770,501	7,047,401	4,861,296	3,246,170	1,418,125
NEW ENGLAND:										
Maine	1,227,080	1,243,198	1,257,760	1,300,302	1,279,299	1,206,323	1,030,906	1,081,101	1,192,228	1,107,788
New Hampshire	449,459	517,096	603,651	652,722	674,440	480,615	473,633	574,428	659,368	588,170
Vermont	926,366	975,177	966,855	994,107	1,015,620	1,211,240	1,049,454	1,060,834	1,205,953	1,052,183
Massachusetts	421,533	498,024	586,388	627,385	639,498	546,011	643,823	674,046	793,167	684,679
Rhode Island	43,984	59,602	66,993	94,111	102,894	54,522	72,258	67,668	101,392	82,646
Connecticut	312,673	387,476	465,110	511,728	542,495	362,792	432,058	477,055	612,906	564,079
MIDDLE ATLANTIC:										
New York	4,987,520	4,783,592	4,965,364	5,243,010	4,644,452	6,264,685	5,171,964	5,354,737	6,675,658	5,255,642
New Jersey	291,739	391,326	419,982	458,267	412,757	394,865	511,338	403,266	661,791	518,990
Pennsylvania	2,901,924	3,006,195	3,224,075	3,323,689	2,714,909	3,500,309	3,252,699	3,585,811	4,331,582	2,811,517
EAST NORTH CENTRAL:										
Ohio	3,026,527	3,184,331	2,974,622	2,992,026	2,189,782	3,716,036	4,076,609	3,506,654	3,981,070	2,212,133
Indiana	2,013,983	2,098,256	2,370,220	2,330,504	1,274,364	2,280,863	2,527,391	2,786,588	2,741,045	1,361,083
Illinois	3,014,762	3,216,575	3,222,284	3,522,884	2,467,302	3,637,380	4,061,065	3,732,046	4,911,104	3,276,319
Michigan	2,866,726	2,625,193	2,281,472	2,024,736	1,245,441	3,172,012	3,247,282	2,586,726	2,385,155	1,393,845
Wisconsin	3,282,088	2,957,738	2,332,121	2,232,317	1,484,920	5,043,708	4,423,385	3,066,324	2,981,521	1,907,429
WEST NORTH CENTRAL:										
Minnesota	4,119,696	3,823,895	3,110,839	2,709,191	1,053,378	5,665,616	5,631,168	4,226,828	3,135,241	1,637,109
Iowa	3,582,145	4,869,041	4,470,969	5,238,918	2,490,027	5,348,102	7,312,591	6,174,686	7,264,700	3,613,941
Missouri	2,867,380	3,463,891	3,402,015	2,870,562	1,297,994	3,358,316	3,816,836	3,907,508	3,567,635	1,083,929
North Dakota [2]	3,702,323	2,820,969	1,394,417	558,720	22,946	2,929,651	2,902,351	1,719,274	531,472	31,552
South Dakota [2]	4,556,639	3,403,206	2,256,915	1,554,913	165,846	3,917,259	3,573,286	2,332,464	1,541,524	276,484
Nebraska	4,798,363	4,397,746	2,732,824	2,462,245	516,869	5,307,720	5,545,437	3,319,283	3,115,398	786,722
Kansas	2,943,971	3,303,830	3,295,895	3,723,452	1,281,997	4,320,803	4,673,447	4,338,350	4,854,960	1,601,932
SOUTH ATLANTIC:										
Delaware	70,996	79,788	71,732	76,199	42,688	88,857	99,228	75,700	105,231	49,632
Maryland	385,200	387,507	370,954	372,626	259,511	444,894	440,464	404,664	494,157	264,567
District of Columbia	507	666	1,187	1,561	2,361	845	1,485	2,092	1,868	3,759
Virginia	856,257	750,572	603,085	604,857	336,289	944,693	780,109	606,142	656,153	286,823
West Virginia	701,236	698,016	599,971	579,129	366,328	692,852	622,768	537,390	550,645	232,338
North Carolina	472,421	359,990	221,553	190,754	101,758	449,298	353,950	231,814	191,262	89,528
South Carolina	333,801	201,672	102,532	29,132	2,837	274,816	176,891	103,070	27,000	2,706
Georgia	460,332	228,642	115,331	63,834	16,318	375,010	232,182	122,069	69,769	14,409
Florida	89,937	49,201	19,551	7,661	330	71,109	51,546	19,653	8,378	179
EAST SOUTH CENTRAL:										
Kentucky	1,073,222	924,469	661,491	661,705	300,251	1,085,318	913,747	630,864	652,995	218,739
Tennessee	1,382,067	1,023,671	614,031	571,553	191,651	1,401,646	1,038,004	630,877	630,417	186,698
Alabama	530,226	220,112	69,645	39,993	12,916	443,525	230,406	80,038	54,304	10,544
Mississippi	433,754	219,880	94,194	66,159	9,319	521,869	266,211	121,811	85,054	7,694
WEST SOUTH CENTRAL:										
Arkansas	759,658	408,867	222,688	138,290	25,749	771,853	430,817	248,355	164,399	20,630
Louisiana	196,521	179,182	91,061	27,576	35,514	247,999	242,507	146,018	40,601	29,579
Oklahoma [3]	1,148,976	1,030,272	800,687	30,733	.....	1,582,623	1,064,708	962,192	40,473	.....
Texas	744,008	621,381	575,424	377,523	58,033	999,629	569,529	727,481	528,500	48,530
MOUNTAIN:										
Montana	1,608,836	1,133,975	873,286	300,033	56,801	1,334,336	1,689,763	1,055,461	268,689	62,709
Idaho	1,169,871	731,688	507,030	190,501	34,399	2,247,758	1,579,514	887,372	269,104	40,053
Wyoming	795,640	581,765	378,863	173,010	24,328	873,685	847,448	459,464	147,963	23,516
Colorado	1,637,741	1,179,604	928,986	481,621	97,117	2,702,462	2,042,569	1,600,419	714,555	86,562
New Mexico	223,621	177,377	82,645	26,375	12,351	394,007	331,683	186,181	47,253	11,025
Arizona	152,600	97,244	89,544	27,968	5,559	393,156	235,991	169,488	63,947	5,606
Utah	538,295	402,248	385,578	159,368	65,214	978,332	977,265	847,453	301,901	92,735
Nevada	352,786	350,401	291,998	140,199	74,923	545,639	521,184	419,668	225,827	95,853
PACIFIC:										
Washington	1,008,871	730,724	489,456	286,013	56,749	1,750,420	1,349,834	813,701	395,770	106,819
Oregon	1,177,215	928,572	723,717	467,061	166,506	1,908,393	1,521,634	1,095,875	632,115	266,187
California	2,138,412	2,503,467	2,196,906	1,431,574	758,024	4,111,688	4,175,933	2,951,720	2,218,285	1,045,119

[1] The figures for 1889 include small quantities of coarse forage crops.
[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] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 83.—HAY—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 81 and 82. See footnotes on Table 82.]

DIVISION AND STATE.	PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (TONS).					AVERAGE VALUE PER TON.		Per cent distribution of acreage,	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909	1919	1919	1909	1899	1889	1879
United States	14.5	14.3	14.1	14.8	10.8	1.24	1.28	1.21	1.26	1.15	$21.62	$8.90	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																		
New England	55.3	50.7	48.5	38.9	32.4	1.14	1.01	1.00	1.09	0.96	24.94	14.74	4.65	4.27	4.24	5.53	6.83	11.61
Middle Atlantic	30.8	27.9	28.0	28.6	23.4	1.24	1.09	1.09	1.29	1.10	24.51	13.49	11.24	11.24	10.25	13.14	17.46	24.43
East North Central	16.2	15.8	15.2	16.6	11.5	1.26	1.30	1.19	1.30	1.17	23.96	9.66	19.52	19.76	21.02	22.05	25.44	28.88
West North Central	15.5	15.9	15.2	18.1	11.1	1.16	1.28	1.26	1.26	1.32	16.89	5.98	36.51	34.14	38.36	36.59	35.93	25.69
South Atlantic	6.9	5.7	4.6	4.6	3.1	0.99	1.00	1.00	1.09	0.84	28.83	13.29	4.63	3.70	3.16	2.96	3.15	2.69
East South Central	7.7	5.4	3.6	3.7	1.7	1.01	1.03	1.02	1.06	0.82	28.92	11.75	4.70	3.82	2.81	2.06	2.13	1.21
West South Central	4.4	3.8	4.2	1.9	0.6	1.26	1.03	1.23	1.35	0.83	22.23	9.11	3.91	3.99	2.65	2.93	1.16	0.28
Mountain	21.5	29.2	42.1	27.5	16.7	1.46	1.77	1.59	1.36	1.13	22.02	7.79	8.90	10.48	9.43	7.91	3.05	1.19
Pacific	18.1	18.9	18.2	12.4	7.3	1.80	1.69	1.43	1.49	1.45	22.40	10.39	5.94	8.60	8.08	6.84	4.86	4.03
NEW ENGLAND:																		
Maine	62.1	52.7	52.7	42.7	36.7	0.98	0.83	0.86	0.92	0.87	23.48	14.26	1.69	1.34	1.18	1.52	1.78	3.15
New Hampshire	63.9	55.7	56.1	37.8	29.2	1.07	0.92	0.95	1.01	0.87	25.78	15.44	0.62	0.53	0.54	0.81	0.99	1.67
Vermont	54.8	59.7	45.5	37.4	30.9	1.31	1.08	1.10	1.21	1.04	21.23	13.62	1.27	1.34	1.20	1.49	1.80	2.99
Massachusetts	46.4	42.8	45.4	37.9	30.0	1.30	1.29	1.15	1.26	1.07	31.03	16.07	0.58	0.60	0.74	0.95	1.19	1.95
Rhode Island	33.1	33.4	35.8	34.3	34.5	1.24	1.21	1.01	1.08	0.80	33.95	17.41	0.06	0.06	0.08	0.10	0.15	0.24
Connecticut	44.6	39.2	43.7	37.1	33.0	1.16	1.12	1.03	1.20	1.04	30.57	15.44	0.43	0.40	0.50	0.67	0.92	1.60
MIDDLE ATLANTIC:																		
New York	37.9	32.2	31.8	32.0	26.2	1.26	1.08	1.08	1.27	1.13	22.98	13.42	6.85	6.93	5.93	7.53	9.99	14.95
New Jersey	18.8	21.7	21.2	22.9	19.7	1.35	1.31	0.96	1.44	1.26	28.67	14.43	0.40	0.44	0.59	0.57	0.99	1.48
Pennsylvania	24.5	23.7	24.4	25.2	20.2	1.21	1.08	1.11	1.30	1.04	26.79	13.46	3.99	3.87	3.73	5.04	6.48	8.00
EAST NORTH CENTRAL:																		
Ohio	16.3	16.6	15.5	16.3	12.1	1.23	1.28	1.18	1.33	1.01	25.41	10.04	4.16	4.11	4.67	4.93	5.96	6.29
Indiana	12.1	12.4	14.2	15.4	9.1	1.13	1.20	1.18	1.18	1.07	24.10	9.32	2.77	2.52	2.90	3.92	4.10	3.87
Illinois	11.0	11.5	11.6	13.7	9.4	1.21	1.26	1.16	1.39	1.33	24.12	9.67	4.14	4.03	4.66	5.25	7.35	9.32
Michigan	22.2	20.5	19.3	20.5	15.0	1.11	1.24	1.13	1.18	1.12	24.97	10.68	3.94	3.51	3.72	3.64	3.57	3.97
Wisconsin	26.4	24.8	20.7	22.8	16.2	1.54	1.50	1.31	1.34	1.28	22.09	8.74	4.51	5.58	5.07	4.31	4.46	5.43
WEST NORTH CENTRAL:																		
Minnesota	19.2	19.5	16.9	24.3	14.5	1.38	1.47	1.36	1.16	1.55	14.71	4.48	5.66	6.27	6.46	5.94	4.69	4.66
Iowa	12.5	16.5	15.0	20.6	12.5	1.49	1.50	1.38	1.39	1.45	20.19	7.78	4.92	5.92	8.38	8.68	10.87	10.28
Missouri	11.5	14.1	14.9	14.5	7.8	1.17	1.10	1.15	1.24	0.84	21.71	8.59	3.94	3.72	4.38	5.49	5.34	3.08
North Dakota	15.1	13.8	14.5	12.0	8.8	0.79	1.03	1.23	0.95	1.38	15.73	4.10	5.09	3.24	3.33	2.42	0.80	0.09
South Dakota	25.0	21.5	20.0	22.3	18.6	0.86	1.05	1.03	0.99	1.67	14.95	4.16	6.26	4.34	4.10	3.28	2.31	0.79
Nebraska	20.8	18.0	14.8	16.1	9.4	1.11	1.26	1.21	1.27	1.52	15.91	5.54	6.59	5.87	6.36	4.67	4.66	2.24
Kansas	9.6	11.0	13.2	16.7	11.9	1.47	1.41	1.32	1.30	1.25	15.69	5.91	4.05	4.78	5.36	6.10	7.26	4.56
SOUTH ATLANTIC:																		
Delaware	10.9	11.2	9.5	10.0	5.7	1.25	1.24	1.06	1.38	1.16	28.58	11.66	0.10	0.10	0.11	0.11	0.16	0.14
Maryland	12.3	11.6	10.5	10.9	7.8	1.15	1.14	1.09	1.33	1.02	27.60	13.30	0.53	0.49	0.51	0.57	0.74	0.75
District of Columbia	11.9	13.0	20.0	15.8	18.7	1.67	2.23	1.76	1.20	1.59	29.52	14.62	(1)	(1)	(1)	(1)	(1)	0.01
Virginia	9.1	7.6	6.0	6.6	4.0	1.10	1.04	1.01	1.08	0.85	28.77	12.86	1.18	1.05	0.89	0.85	0.98	0.82
West Virginia	12.7	12.6	10.9	12.7	9.7	0.99	0.89	0.90	0.95	0.63	27.80	11.91	0.96	0.77	0.71	0.76	0.82	0.66
North Carolina	5.8	4.1	2.7	2.4	1.6	0.95	0.98	1.05	1.00	0.88	29.94	13.11	0.65	0.50	0.41	0.33	0.29	0.25
South Carolina	5.4	3.3	1.8	0.6	0.1	0.82	0.88	1.01	0.93	0.95	30.64	17.34	0.46	0.30	0.20	0.14	0.04	0.01
Georgia	3.5	1.9	1.1	0.7	0.2	0.81	1.02	1.06	1.09	0.88	29.81	15.84	0.63	0.42	0.27	0.17	0.10	0.04
Florida	3.9	2.7	1.3	0.7	(2)	0.79	1.05	1.01	1.09	0.54	28.50	15.40	0.12	0.08	0.06	0.03	0.01	(1)
EAST SOUTH CENTRAL:																		
Kentucky	7.7	6.4	4.8	5.6	2.8	1.01	0.99	0.95	0.99	0.73	29.47	11.05	1.47	1.20	1.05	0.89	0.98	0.62
Tennessee	12.4	9.4	6.0	6.1	2.3	1.01	1.01	1.03	1.10	0.97	30.15	11.90	1.90	1.55	1.19	0.89	0.94	0.53
Alabama	5.4	2.3	0.8	0.5	0.2	0.84	1.05	1.15	1.36	0.82	26.67	13.49	0.73	0.49	0.26	0.11	0.08	0.03
Mississippi	4.7	2.4	1.2	1.0	0.2	1.20	1.21	1.29	1.29	0.83	26.40	12.08	0.60	0.58	0.31	0.17	0.13	0.02
WEST SOUTH CENTRAL:																		
Arkansas	8.2	5.1	3.2	2.5	0.7	1.02	1.05	1.12	1.19	0.80	24.90	10.72	1.04	0.85	0.49	0.35	0.25	0.06
Louisiana	3.5	3.4	2.0	0.7	1.3	1.26	1.35	1.60	1.47	0.83	26.91	9.92	0.27	0.27	0.28	0.21	0.06	0.08
Oklahoma	6.3	5.9	9.3	5.5	.....	1.38	1.03	1.20	1.32	.....	19.59	7.21	1.58	1.75	1.22	1.35	0.06	.....
Texas	2.4	2.3	2.9	1.8	0.5	1.34	0.92	1.26	1.40	0.84	23.20	11.11	1.02	1.11	0.65	1.02	0.79	0.14
MOUNTAIN:																		
Montana	14.6	31.2	50.3	32.8	21.6	0.83	1.49	1.21	0.90	1.10	26.54	7.29	2.21	1.48	1.94	1.48	0.40	0.18
Idaho	25.9	26.3	35.9	31.4	17.4	1.92	2.16	1.75	1.41	1.16	22.20	7.64	1.61	2.49	1.81	1.25	0.40	0.11
Wyoming	37.9	46.3	47.8	36.3	29.3	1.10	1.46	1.21	0.86	0.97	23.04	7.12	1.09	0.97	0.97	0.65	0.22	0.07
Colorado	21.1	27.4	40.9	26.4	15.8	1.65	1.73	1.72	1.48	0.89	18.53	7.95	2.25	2.99	2.34	2.25	1.07	0.25
New Mexico	13.0	12.1	25.3	10.0	5.2	1.76	1.87	2.25	1.79	0.89	21.68	10.81	0.31	0.44	0.38	0.26	0.07	0.03
Arizona	21.4	27.8	35.2	26.9	9.9	2.58	2.43	1.89	2.29	1.01	23.98	10.16	0.21	0.44	0.27	0.24	0.10	0.02
Utah	31.4	29.4	37.4	29.1	15.7	1.82	2.43	2.20	1.89	1.42	24.63	7.42	0.74	1.08	1.12	1.19	0.45	0.26
Nevada	59.3	46.6	51.0	19.4	21.8	1.55	1.49	1.44	1.61	1.28	20.05	8.02	0.48	0.60	0.60	0.59	0.34	0.27
PACIFIC:																		
Washington	14.2	11.5	14.1	15.7	11.7	1.74	1.85	1.66	1.38	1.88	25.18	12.51	1.39	1.94	1.55	1.14	0.59	0.30
Oregon	24.0	21.7	21.7	13.3	7.6	1.62	1.64	1.51	1.35	1.60	20.26	9.78	1.62	2.11	1.74	1.54	0.95	0.76
California	18.0	22.0	18.4	11.7	7.1	1.92	1.67	1.34	1.55	1.38	22.22	9.93	2.94	4.55	4.79	4.15	3.32	2.97

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

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

VEGETABLES.

Potatoes.—The acreage of white potatoes harvested in the United States in 1919 was 3,251,703, and the production was 290,427,580 bushels, as compared with 3,668,855 acres, producing 389,194,965 bushels, in 1909. The area harvested thus shows a decrease of 417,152 acres, or 11.4 per cent, while the production shows a decrease of 98,767,385 bushels, or 25.4 per cent. The average yield per acre in 1919 was 89.3 bushels, as against 106.1 bushels in 1909. The value of the crop in 1919 was $639,440,521. While potatoes constitute an important commercial crop in certain areas, they are grown in most cases for home use alone, or merely to supply a small local demand.

A summary of the available census data with regard to the production of potatoes in the United States, beginning with the production of 1849, is given in Table 84. The principal data are also given, by divisions and states, in Tables 87, 88, and 89.

PRODUCTION OF POTATOES, 20 LEADING STATES: 1919 AND 1909.

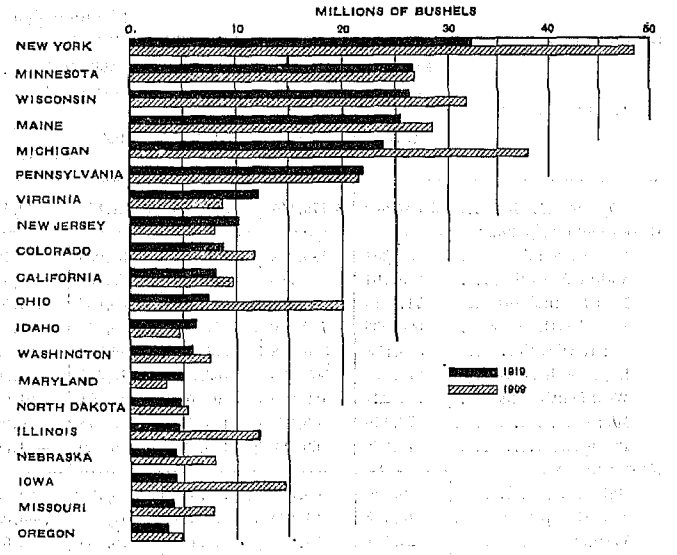


TABLE 84.—POTATOES—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 87, 88, and 89.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	2,887,992	3,179,907	2,836,105					
Per cent of all farms	44.8	50.0	49.4					
Acreage	3,251,703	3,668,855	2,938,778	2,600,750	(1)			
Increase over preceding census [2]	−417,152	730,077	338,028					
Per cent of increase [2]	−11.4	24.8	13.0					
Average per farm reporting	1.1	1.2	1.0					
Per cent that acreage in potatoes formed of—								
Total improved acreage	0.6	0.8	0.7	0.7				
Total reported crop acreage	0.9	1.2	1.0					
Production (bushels)	290,427,580	389,194,965	273,318,167	217,546,362	169,458,539	143,337,473	111,099,867	65,797,896
Increase over preceding census [2]	−98,767,385	115,876,798	55,771,805	48,087,823	26,121,066	32,237,606	45,301,971	
Per cent of increase [2]	−25.4	42.4	25.6	28.4	18.2	29.0	68.9	
Average yield per acre	89.3	106.1	93.0	83.6				
Per capita production	2.7	4.2	3.6	3.5				
Value	$639,440,521	$166,423,910	$98,380,110					
Increase over preceding census	$473,016,611	$68,043,800						
Per cent of increase	284.2	69.2						
Average per bushel	$2.20	$0.43	$0.36					
Average per acre	$196.65	$45.36	$33.48					
Per cent that value of potatoes formed of total value of all crops	4.3	3.2	3.4					

[1] Acreage not completely reported.

[2] A minus sign (—) denotes decrease.

TABLE 85.—THE TEN STATES LEADING IN ACREAGE OF POTATOES: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Acreage.	Per cent of total.	Rank.	STATE.	Acreage.	Per cent of total.
	United States.	3,251,703	100.0		United States.	3,668,855	100.0
1	Minnesota	331,930	10.21	1	New York	394,319	10.75
2	New York	310,403	9.55	2	Michigan	365,483	9.96
3	Wisconsin	294,424	9.05	3	Wisconsin	290,185	7.91
4	Michigan	280,538	8.63	4	Pennsylvania	262,013	7.14
5	Pennsylvania	233,981	7.20	5	Minnesota	223,692	6.10
6	Ohio	124,917	3.84	6	Ohio	212,808	5.80
7	Maine	111,378	3.43	7	Iowa	169,567	4.62
8	Virginia	105,789	3.25	8	Illinois	138,052	3.76
9	Iowa	97,336	2.99	9	Maine	135,799	3.70
10	Nebraska	94,247	2.90	10	Nebraska	111,151	3.03

TABLE 86.—THE TEN STATES LEADING IN PRODUCTION OF POTATOES: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Production (bushels).	Per cent of total.	Rank.	STATE.	Production (bushels).	Per cent of total.
	United States.	290,427,580	100.0		United States.	389,194,965	100.0
1	New York	32,470,847	11.18	1	New York	48,597,701	12.49
2	Minnesota	26,690,056	9.19	2	Michigan	38,243,828	9.83
3	Wisconsin	26,376,021	9.08	3	Wisconsin	31,968,195	8.21
4	Maine	25,531,470	8.79	4	Maine	28,556,837	7.34
5	Michigan	23,929,560	8.24	5	Minnesota	26,802,948	6.89
6	Pennsylvania	22,051,685	7.59	6	Pennsylvania	21,740,611	5.59
7	Virginia	12,263,374	4.22	7	Ohio	20,322,984	5.22
8	New Jersey	10,319,306	3.55	8	Iowa	14,710,247	3.78
9	Colorado	8,874,783	3.06	9	Illinois	12,166,091	3.13
10	California	8,217,937	2.83	10	Colorado	11,780,674	3.03

TABLE 87.—POTATOES—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
					Increase.				Increase.			
	1919	1909	1919	1909	Amount.	Per cent.	1919	1909	Amount.	Per cent.	1919	1909
United States	**2,887,992**	**3,179,907**	**3,251,703**	**3,668,855**	**—417,152**	**—11.4**	**290,427,580**	**389,194,965**	**—98,767,385**	**—25.4**	**$639,440,521**	**$166,423,910**
GEOGRAPHIC DIVISIONS:												
New England	120,257	149,312	191,901	233,095	—41,194	—17.7	32,702,026	41,245,977	—8,543,951	—20.7	68,958,572	17,456,938
Middle Atlantic	359,794	400,285	626,917	729,323	—102,406	—14.0	64,841,838	78,395,736	—13,553,898	—17.3	138,893,994	37,292,509
East North Central	711,015	865,452	848,455	1,106,032	—257,577	—23.3	64,995,709	111,606,777	—46,611,068	—41.8	144,724,922	37,427,211
West North Central	696,565	782,450	777,551	783,813	—6,262	—0.8	50,234,408	72,067,551	—21,833,143	—30.3	113,474,008	30,088,015
South Atlantic	338,828	350,428	273,591	239,762	33,829	14.1	26,891,791	22,102,630	4,789,161	21.7	60,286,602	14,091,735
East South Central	278,875	307,436	102,332	119,541	—17,209	—14.4	6,659,748	9,816,160	—3,156,412	—32.2	16,108,988	5,940,784
West South Central	234,224	189,999	96,701	117,761	—21,060	—17.9	6,368,427	7,413,887	—1,045,460	—14.1	14,080,043	5,439,504
Mountain	76,146	65,085	175,763	169,678	6,085	3.6	20,110,056	24,232,109	—4,122,053	—17.0	44,260,285	8,715,380
Pacific	72,288	69,460	158,492	169,850	—11,358	—6.7	17,623,577	22,314,138	—4,690,561	—21.0	38,653,107	9,971,834
NEW ENGLAND:												
Maine	36,896	49,381	111,378	135,799	—24,421	—18.0	25,531,470	28,556,837	—3,025,367	—10.6	52,339,514	10,224,714
New Hampshire	16,152	21,899	13,334	17,370	—4,036	—23.2	1,341,978	2,360,241	—1,018,263	—43.1	2,952,351	1,204,626
Vermont	24,581	27,848	24,182	26,859	—2,677	—10.0	2,277,387	4,145,630	—1,868,243	—45.1	5,010,252	1,743,049
Massachusetts	22,813	24,757	21,558	24,459	—2,901	—11.9	1,885,655	2,946,178	—1,060,523	—36.0	4,619,855	1,993,923
Rhode Island	2,987	3,941	3,149	4,649	—1,500	—32.3	293,087	552,677	—259,590	—47.0	674,100	408,429
Connecticut	16,828	21,486	18,300	23,959	—5,659	—23.6	1,372,449	2,684,414	—1,311,965	—48.9	3,362,500	1,882,197
MIDDLE ATLANTIC:												
New York	163,148	183,813	310,403	394,319	—83,916	—21.3	32,470,847	48,597,701	—16,126,854	—33.2	69,812,321	20,338,766
New Jersey	19,105	22,723	82,533	72,991	9,542	13.1	10,319,306	8,057,424	2,261,882	28.1	21,670,546	4,979,900
Pennsylvania	177,541	193,749	233,981	262,013	—28,032	—10.7	22,051,685	21,740,611	311,074	1.4	47,411,127	11,973,843
EAST NORTH CENTRAL:												
Ohio	144,203	199,410	124,917	212,808	—87,891	—41.3	7,513,960	20,322,984	—12,809,024	—63.0	17,657,811	9,377,955
Indiana	93,596	140,803	62,192	99,504	—37,312	—37.5	2,477,034	8,905,679	—6,428,645	—72.2	6,068,734	3,816,126
Illinois	151,233	189,903	86,384	138,052	—51,668	—37.4	4,699,134	12,166,091	—7,466,957	—61.4	11,277,926	6,401,598
Michigan	155,752	176,649	280,538	365,483	—84,945	—23.2	23,929,560	38,243,828	—14,314,268	—37.4	49,055,600	9,913,778
Wisconsin	166,231	158,687	294,424	290,185	4,239	1.5	26,376,021	31,968,195	—5,592,174	—17.5	60,664,851	7,917,754
WEST NORTH CENTRAL:												
Minnesota	135,611	132,492	331,930	223,692	108,238	48.4	26,690,056	26,802,948	—112,892	—0.4	57,383,621	7,685,259
Iowa	131,202	170,318	97,336	169,567	—72,231	—42.6	4,438,515	14,710,247	—10,271,732	—69.8	10,874,361	6,629,234
Missouri	159,887	185,790	66,051	96,259	—30,208	—31.4	4,057,753	7,796,410	—3,738,657	—48.0	10,144,410	4,470,135
North Dakota	54,221	51,386	82,561	54,067	28,494	52.7	4,717,556	5,551,430	—833,874	—15.0	10,142,747	2,079,125
South Dakota	43,412	44,829	58,180	50,052	8,128	16.2	2,863,186	3,441,692	—578,506	—16.8	7,157,983	1,967,550
Nebraska	79,628	90,398	94,247	111,151	—16,904	—15.2	4,452,497	8,117,775	—3,665,278	—45.2	10,685,998	3,785,224
Kansas	92,514	107,237	47,246	79,025	—31,779	—40.2	3,014,845	5,647,049	—2,632,204	—46.6	7,084,888	3,471,488
SOUTH ATLANTIC:												
Delaware	6,180	7,641	8,255	9,703	—1,448	—14.9	487,668	880,360	—392,692	—44.6	950,953	453,400
Maryland	32,520	34,870	46,837	39,299	7,538	19.2	4,918,766	3,444,311	1,474,455	42.8	9,591,592	1,782,954
District of Columbia	124	91	265	226	39	17.3	19,799	32,028	—12,229	—38.2	39,598	20,231
Virginia	91,264	106,499	105,789	86,927	18,862	21.7	12,263,374	8,770,778	3,492,596	39.8	26,979,423	5,667,557
West Virginia	70,155	81,297	34,526	42,621	—8,095	—19.0	2,809,398	4,077,066	—1,267,668	—31.1	6,461,619	2,278,638
North Carolina	79,069	77,421	35,797	31,990	3,807	11.9	2,853,797	2,372,260	481,537	20.3	6,278,351	1,755,413
South Carolina	21,927	13,656	13,402	8,610	4,792	55.7	1,077,936	782,430	295,506	37.8	3,018,221	609,424
Georgia	32,658	23,861	11,195	11,877	—682	—5.7	693,857	886,430	—192,573	—21.7	1,665,257	684,427
Florida	4,931	5,092	17,525	8,509	9,016	106.0	1,767,196	856,967	910,229	106.2	5,301,588	839,691
EAST SOUTH CENTRAL:												
Kentucky	101,904	130,076	50,069	55,750	—5,681	—10.2	3,131,377	5,120,141	—1,988,764	—38.8	7,671,876	2,724,043
Tennessee	100,502	111,967	29,873	40,963	—11,090	—27.1	1,990,951	2,922,713	—931,762	—31.9	4,439,820	1,790,233
Alabama	48,010	37,374	13,397	14,486	—1,089	—7.5	886,450	1,128,564	—242,114	—21.5	2,304,769	884,497
Mississippi	28,459	28,019	8,993	8,342	651	7.8	650,970	644,742	6,228	1.0	1,692,523	542,011
WEST SOUTH CENTRAL:												
Arkansas	81,751	79,127	24,128	29,719	—5,591	—18.8	1,765,277	2,096,893	—331,616	—15.8	4,060,143	1,439,991
Louisiana	23,382	18,230	19,677	19,655	22	0.1	971,705	1,183,525	—211,820	—17.9	2,137,749	924,311
Oklahoma	66,811	45,369	25,633	32,295	—6,662	—20.6	1,924,194	1,897,486	26,708	1.4	4,040,810	1,250,052
Texas	62,280	47,273	27,263	36,092	—8,829	—24.5	1,707,251	2,235,983	—528,732	—23.6	3,841,341	1,825,150
MOUNTAIN:												
Montana	20,490	11,248	22,178	20,710	1,468	7.1	1,659,017	3,240,696	—1,581,679	—48.8	3,898,690	1,298,830
Idaho	16,723	14,837	43,196	28,341	14,855	52.4	6,300,835	4,710,262	1,590,573	33.8	13,546,798	1,583,447
Wyoming	6,066	5,125	11,791	8,333	3,458	41.5	851,253	932,162	—80,909	—8.7	2,000,443	524,489
Colorado	17,903	16,480	77,337	85,839	—8,502	—9.9	8,874,783	11,780,674	—2,905,891	—24.7	19,524,525	3,704,768
New Mexico	1,454	3,310	3,070	6,230	—3,160	—50.7	110,740	295,255	—184,515	—62.5	260,239	234,636
Arizona	791	634	2,505	1,151	1,354	117.6	174,301	97,141	77,160	79.4	435,755	98,597
Utah	11,453	12,199	12,047	14,210	—2,163	—15.2	1,648,400	2,409,093	—760,693	—31.6	3,494,607	873,961
Nevada	1,266	1,252	3,639	4,864	—1,225	—25.2	490,727	766,826	—276,099	—36.0	1,099,228	396,652
PACIFIC:												
Washington	36,085	31,712	55,132	57,897	—2,765	—4.8	5,866,710	7,667,171	—1,800,461	—23.5	12,320,093	2,993,737
Oregon	24,685	25,215	40,055	44,265	—4,210	—9.5	3,538,930	4,822,962	—1,284,032	—26.6	7,431,756	2,098,648
California	11,518	12,533	63,305	67,688	—4,383	—6.5	8,217,937	9,824,005	—1,606,068	—16.3	18,901,258	4,879,449

TABLE 88.—POTATOES—ACREAGE, 1889 TO 1919; PRODUCTION, 1879 TO 1919; AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.[1]				PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1919	1909	1899	1889	1879	1919	1909
United States	**3,251,703**	**3,668,855**	**2,938,778**	**2,600,750**	**290,427,580**	**389,194,965**	**273,318,167**	**217,546,362**	**169,458,539**	**1.1**	**1.2**
GEOGRAPHIC DIVISIONS:											
New England	191,901	233,095	180,025	159,203	32,702,026	41,245,977	23,466,222	13,591,099	22,058,069	1.6	1.6
Middle Atlantic	626,917	729,323	676,403	596,167	64,841,838	78,395,736	64,372,759	41,571,902	53,493,419	1.7	1.8
East North Central	848,455	1,106,032	957,193	827,141	64,995,709	111,606,777	80,988,131	75,480,826	48,750,440	1.2	1.3
West North Central	777,551	783,813	637,184	645,264	50,234,408	72,067,551	60,812,316	57,957,907	25,046,084	1.1	1.0
South Atlantic	273,591	239,762	157,481	122,100	26,891,791	22,102,630	12,150,748	8,518,026	6,366,776	0.8	0.7
East South Central	102,332	119,541	80,138	97,345	6,659,748	9,816,160	5,051,854	7,917,749	4,263,117	0.4	0.4
West South Central	96,701	117,761	72,876	34,333	6,368,427	7,413,887	4,867,562	2,493,981	810,974	0.4	0.6
Mountain	175,763	189,678	80,226	49,974	20,110,056	24,232,109	9,046,736	3,468,926	1,723,988	2.3	2.6
Pacific	158,492	169,850	97,252	69,223	17,623,577	22,314,138	12,561,839	6,545,946	6,945,672	2.2	2.4
NEW ENGLAND:											
Maine	111,378	135,799	71,765	49,617	25,531,470	28,556,837	9,813,748	5,251,430	7,999,625	3.0	2.8
New Hampshire	13,334	17,370	19,422	22,085	1,341,978	2,360,241	2,420,668	1,916,641	3,358,828	0.8	0.8
Vermont	24,182	26,859	28,353	31,943	2,277,387	4,145,630	3,547,829	2,474,971	4,438,172	1.0	1.0
Massachusetts	21,558	24,459	27,521	26,873	1,885,655	2,946,178	3,346,590	1,959,727	3,070,389	0.9	1.0
Rhode Island	3,149	4,649	5,816	5,595	293,087	552,677	843,353	330,883	606,793	1.1	1.2
Connecticut	18,300	23,959	27,148	23,090	1,372,449	2,684,414	3,493,534	1,657,447	2,584,262	1.1	1.1
MIDDLE ATLANTIC:											
New York	310,403	394,319	395,640	357,464	32,470,847	48,597,701	38,060,471	24,616,736	33,644,807	1.9	2.1
New Jersey	82,533	72,991	52,896	46,711	10,319,306	8,057,424	4,542,816	4,055,851	3,563,793	4.3	3.2
Pennsylvania	233,981	262,013	227,867	191,992	22,051,685	21,740,611	21,769,472	12,899,315	16,284,819	1.3	1.4
EAST NORTH CENTRAL:											
Ohio	124,917	212,808	167,590	185,393	7,513,960	20,322,984	13,709,238	15,804,931	12,719,215	0.9	1.1
Indiana	62,192	99,504	84,245	113,509	2,477,034	8,905,679	6,209,080	9,516,978	6,232,246	0.7	0.7
Illinois	86,384	138,052	136,464	170,726	4,699,134	12,166,091	12,951,871	17,725,701	10,365,707	0.6	0.7
Michigan	280,538	365,483	311,963	198,476	23,929,560	38,243,828	23,476,444	15,651,833	10,924,111	1.8	2.1
Wisconsin	294,424	290,185	256,931	159,037	26,376,021	31,968,195	24,641,498	16,781,383	8,509,161	1.8	1.8
WEST NORTH CENTRAL:											
Minnesota	331,930	223,692	146,659	105,880	26,690,056	26,802,948	14,643,327	11,155,707	5,184,676	2.4	1.7
Iowa	97,336	169,567	175,888	169,870	4,438,515	14,710,247	17,305,919	18,068,311	9,962,537	0.7	1.0
Missouri	66,051	96,259	93,915	96,356	4,057,753	7,796,410	7,786,623	8,188,921	4,189,694	0.4	0.5
North Dakota[2]	82,561	54,067	21,936	18,262	4,717,556	5,551,430	2,257,350	1,340,734	215,544	1.5	1.1
South Dakota[2]	58,180	50,052	33,567	35,440	2,863,186	3,441,692	2,909,914	1,823,008	448,542	1.3	1.1
Nebraska	94,247	111,151	79,901	106,722	4,452,497	8,117,775	7,817,438	9,138,273	2,150,893	1.2	1.2
Kansas	47,246	79,025	85,318	112,734	3,014,845	5,647,049	8,091,745	8,242,953	2,894,198	0.5	0.7
SOUTH ATLANTIC:											
Delaware	8,255	9,703	5,755	4,870	487,668	880,360	414,610	403,631	283,864	1.3	1.3
Maryland	46,837	39,299	26,472	24,987	4,918,766	3,444,311	1,991,357	1,749,656	1,497,017	1.4	1.1
District of Columbia	265	226	194	189	19,799	32,028	15,586	13,387	33,064	2.1	2.5
Virginia	105,789	86,927	51,021	36,412	12,263,374	8,770,778	4,409,672	2,387,333	2,016,766	1.2	0.8
West Virginia	34,526	42,621	30,123	27,465	2,809,398	4,077,066	2,245,821	1,987,367	1,398,539	0.5	0.5
North Carolina	35,797	31,990	23,619	17,375	2,853,797	2,372,260	1,636,445	1,199,416	722,773	0.5	0.4
South Carolina	13,402	8,610	8,068	3,703	1,077,936	782,430	651,916	272,139	144,942	0.6	0.6
Georgia	11,195	11,877	8,477	5,791	693,857	886,430	553,129	431,008	249,590	0.3	0.5
Florida	17,525	8,509	3,752	1,218	1,767,196	856,967	232,212	74,089	20,221	3.6	1.7
EAST SOUTH CENTRAL:											
Kentucky	50,069	55,750	37,160	49,366	3,131,377	5,120,141	2,661,774	4,342,551	2,269,890	0.5	0.4
Tennessee	29,873	40,963	27,103	36,992	1,990,951	2,922,713	1,404,097	2,733,459	1,354,481	0.3	0.4
Alabama	13,397	14,486	9,505	5,871	886,450	1,128,564	587,711	479,013	334,925	0.3	0.4
Mississippi	8,993	8,342	6,370	5,116	650,970	644,742	398,272	362,726	303,821	0.3	0.3
WEST SOUTH CENTRAL:											
Arkansas	24,128	29,719	26,486	14,442	1,765,277	2,096,893	1,783,969	1,213,872	402,027	0.3	0.4
Louisiana	19,677	19,655	9,220	7,990	971,705	1,183,525	549,280	375,842	180,115	0.8	1.1
Oklahoma[3]	25,633	32,295	15,360	70	1,924,194	1,897,486	1,191,997	4,762	.....	0.4	0.7
Texas	27,263	36,092	21,810	11,831	1,707,251	2,235,983	1,342,316	899,505	228,832	0.4	0.8
MOUNTAIN:											
Montana	22,178	20,710	9,613	4,204	1,659,017	3,240,696	1,332,062	435,032	228,702	1.1	1.8
Idaho	43,196	28,341	9,313	3,721	6,300,835	4,710,262	1,035,290	370,979	157,307	2.6	1.9
Wyoming	11,791	8,333	2,809	1,677	851,253	932,162	262,338	140,833	30,986	1.9	1.6
Colorado	77,337	85,839	44,075	31,454	8,874,783	11,780,674	4,465,748	1,738,374	383,123	4.3	5.2
New Mexico	3,070	6,230	1,122	619	110,740	295,255	72,613	35,999	21,883	2.1	1.9
Arizona	2,505	1,151	626	407	174,301	97,141	33,927	38,918	26,249	3.2	1.8
Utah	12,047	14,210	10,433	6,591	1,648,400	2,409,093	1,483,570	519,497	573,595	1.1	1.2
Nevada	3,639	4,864	2,235	1,301	490,727	766,826	361,188	189,294	302,143	2.9	3.9
PACIFIC:											
Washington	55,132	57,897	25,119	13,080	5,866,710	7,667,171	3,557,876	1,445,018	1,035,177	1.5	1.8
Oregon	40,055	44,265	30,035	17,965	3,538,930	4,822,962	3,761,367	1,436,008	1,359,930	1.6	1.8
California	63,305	67,688	42,098	38,178	8,217,937	9,824,005	5,242,596	3,664,920	4,550,565	5.5	5.4

[1] Acreage of potatoes not completely reported in 1879.
[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] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 89.—POTATOES—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 87 and 88. See footnotes on Table 88.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHELS).				AVERAGE VALUE PER BUSHEL.		Per-cent distri-bution of acre-age, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1919	1909	1899	1889	1919	1909		1919	1909	1899	1889	1879
United States	44.8	50.0	0.6	0.8	0.7	0.7	89.3	106.1	93.0	83.6	$2.20	$0.43	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																		
New England	76.8	79.1	3.1	3.2	2.2	1.5	170.4	176.9	130.3	85.4	2.11	0.42	5.90	11.26	10.60	8.59	6.25	13.02
Middle Atlantic	84.6	85.5	2.4	2.5	2.2	1.9	103.4	107.5	95.2	69.7	2.14	0.48	19.28	22.33	20.14	23.55	19.11	31.57
East North Central	65.5	77.0	1.0	1.2	1.1	1.1	76.6	100.9	84.6	91.3	2.23	0.34	26.09	22.38	28.68	29.63	34.70	28.77
West North Central	63.5	70.5	0.5	0.5	0.5	0.6	64.6	91.9	95.4	89.8	2.26	0.42	23.91	17.30	18.52	22.25	26.64	14.78
South Atlantic	29.2	31.5	0.6	0.5	0.3	0.3	98.3	92.2	77.2	69.8	2.24	0.64	8.41	9.26	5.68	4.45	3.92	3.76
East South Central	26.5	29.5	0.2	0.3	0.2	0.3	65.1	82.1	63.0	81.3	2.42	0.61	3.15	2.29	2.52	1.85	3.64	2.52
West South Central	23.5	20.1	0.2	0.2	0.2	0.1	65.9	63.0	66.8	72.6	2.21	0.73	2.97	2.19	1.90	1.78	1.15	0.48
Mountain	31.2	35.5	0.6	1.1	1.0	0.9	114.4	142.8	112.8	69.4	2.20	0.36	5.41	6.92	6.23	3.31	1.59	1.02
Pacific	30.9	36.6	0.7	0.8	0.5	0.4	111.2	131.4	129.2	94.6	2.19	0.45	4.87	6.07	5.73	4.60	3.01	4.10
NEW ENGLAND:																		
Maine	76.5	82.3	5.6	5.8	3.0	1.6	229.2	210.3	136.7	105.8	2.05	0.36	3.43	8.79	7.34	3.59	2.41	4.72
New Hampshire	78.7	80.9	1.9	1.9	1.8	1.3	100.6	135.9	124.6	86.8	2.20	0.51	0.41	0.46	0.61	0.89	0.88	1.98
Vermont	84.5	85.1	1.4	1.6	1.3	1.2	94.2	154.3	125.1	77.5	2.20	0.42	0.74	0.78	1.07	1.30	1.14	2.62
Massachusetts	71.3	67.1	2.4	2.1	2.1	1.6	87.5	120.5	121.6	72.9	2.45	0.68	0.66	0.65	0.76	1.22	0.90	1.81
Rhode Island	73.2	74.5	2.4	2.6	3.1	2.0	93.1	118.9	145.1	59.1	2.30	0.74	0.10	0.10	0.14	0.31	0.15	0.36
Connecticut	74.3	80.1	2.6	2.4	2.6	1.7	75.0	112.0	128.7	71.8	2.45	0.70	0.56	0.47	0.69	1.28	0.76	1.53
MIDDLE ATLANTIC:																		
New York	84.4	85.3	2.4	2.7	2.5	2.2	104.6	123.2	96.2	68.9	2.15	0.42	9.55	11.18	12.49	13.93	11.32	19.85
New Jersey	64.3	67.9	5.3	4.0	2.7	2.3	125.0	110.4	85.9	86.8	2.10	0.62	2.54	3.55	2.07	1.66	1.86	2.10
Pennsylvania	87.8	88.4	2.0	2.1	1.7	1.5	94.2	83.0	95.5	67.2	2.15	0.55	7.20	7.59	5.59	7.96	5.93	9.61
EAST NORTH CENTRAL:																		
Ohio	56.2	73.3	0.7	1.1	0.9	1.0	60.2	95.5	81.8	85.3	2.35	0.46	3.84	2.59	5.22	5.02	7.27	7.51
Indiana	45.6	65.3	0.4	0.6	0.5	0.8	39.8	89.5	73.7	83.8	2.45	0.43	1.91	0.85	2.29	2.27	4.37	3.68
Illinois	63.8	75.4	0.3	0.5	0.5	0.7	54.4	88.1	94.9	103.8	2.40	0.53	2.66	1.02	3.13	4.74	8.15	6.12
Michigan	79.3	85.4	2.2	2.8	2.6	2.0	85.3	104.6	75.3	78.9	2.05	0.26	8.63	8.24	9.83	8.59	7.19	6.45
Wisconsin	87.8	89.6	2.4	2.4	2.3	1.6	89.6	110.2	95.9	105.5	2.30	0.25	9.05	9.08	8.21	9.02	7.71	5.02
WEST NORTH CENTRAL:																		
Minnesota	76.0	84.9	1.5	1.1	0.8	1.0	80.4	119.8	99.8	105.4	2.15	0.29	10.21	9.19	6.89	5.36	5.13	3.06
Iowa	61.5	78.5	0.3	0.6	0.6	0.7	45.6	86.8	98.4	106.4	2.45	0.45	2.99	1.53	3.78	6.33	8.31	5.88
Missouri	60.8	67.0	0.3	0.4	0.4	0.5	61.4	81.0	82.9	85.0	2.50	0.57	2.03	1.40	2.00	2.85	3.76	2.47
North Dakota	60.8	69.1	0.3	0.3	0.2	0.4	57.1	102.7	102.9	73.4	2.15	0.37	2.54	1.62	1.43	0.83	0.62	0.13
South Dakota	58.2	57.7	0.3	0.3	0.3	0.5	49.2	68.8	86.7	51.4	2.50	0.57	1.79	0.99	0.88	1.06	0.84	0.26
Nebraska	64.0	69.7	0.4	0.5	0.4	0.7	47.2	73.0	97.8	85.6	2.40	0.47	2.90	1.53	2.09	2.86	4.20	1.27
Kansas	56.0	60.3	0.2	0.3	0.3	0.5	63.8	71.5	94.8	73.1	2.35	0.61	1.45	1.04	1.45	2.96	3.79	1.71
SOUTH ATLANTIC:																		
Delaware	60.9	70.5	1.3	1.4	0.8	0.6	59.1	90.7	72.0	82.9	1.95	0.52	0.25	0.17	0.23	0.15	0.19	0.17
Maryland	67.9	71.3	1.5	1.2	0.8	0.7	105.0	87.6	75.2	70.0	1.95	0.52	1.44	1.69	0.88	0.73	0.80	0.88
District of Columbia	60.8	41.9	6.2	4.4	3.3	1.9	74.7	141.7	80.3	70.8	2.00	0.63	0.01	0.01	0.01	0.01	0.01	0.02
Virginia	49.0	57.9	1.1	0.9	0.5	0.4	115.9	100.9	86.4	65.6	2.20	0.65	3.25	4.22	2.25	1.61	1.10	1.19
West Virginia	80.4	84.1	0.6	0.8	0.5	0.6	81.4	95.7	74.6	72.4	2.30	0.56	1.06	0.97	1.05	0.82	0.91	0.83
North Carolina	29.3	30.5	0.4	0.4	0.3	0.2	79.7	74.2	69.3	69.0	2.20	0.74	1.10	0.98	0.61	0.60	0.55	0.43
South Carolina	11.4	7.7	0.2	0.1	0.1	0.1	80.4	90.9	80.8	71.7	2.80	0.78	0.41	0.37	0.20	0.24	0.13	0.09
Georgia	10.5	8.2	0.1	0.1	0.1	0.1	62.0	74.6	65.3	74.4	2.40	0.77	0.34	0.24	0.23	0.20	0.20	0.15
Florida	9.1	10.2	0.8	0.5	0.2	0.1	100.8	100.7	61.9	60.8	3.00	0.98	0.54	0.61	0.22	0.08	0.03	0.01
EAST SOUTH CENTRAL:																		
Kentucky	37.7	50.2	0.4	0.4	0.3	0.4	62.5	91.8	71.6	88.0	2.45	0.53	1.54	1.08	1.32	0.97	2.00	1.34
Tennessee	39.8	45.5	0.3	0.4	0.3	0.4	66.6	71.4	51.8	73.9	2.23	0.61	0.92	0.69	0.75	0.51	1.26	0.80
Alabama	18.7	14.2	0.1	0.1	0.1	0.1	66.2	77.9	61.8	81.6	2.60	0.78	0.41	0.31	0.29	0.22	0.22	0.20
Mississippi	10.5	10.2	0.1	0.1	0.1	0.1	72.4	77.3	62.5	70.9	2.60	0.84	0.28	0.22	0.17	0.15	0.17	0.18
WEST SOUTH CENTRAL:																		
Arkansas	35.1	36.9	0.3	0.4	0.4	0.3	73.2	70.6	67.4	84.1	2.30	0.69	0.74	0.61	0.54	0.65	0.56	0.24
Louisiana	17.3	15.1	0.3	0.4	0.2	0.2	49.4	60.2	59.6	47.0	2.20	0.78	0.61	0.33	0.30	0.20	0.17	0.11
Oklahoma	34.8	23.9	0.1	0.2	0.2	(1)	75.1	58.8	77.6	68.0	2.10	0.66	0.79	0.66	0.49	0.44	(2)	.....
Texas	14.3	11.3	0.1	0.1	0.1	0.1	62.6	62.0	61.5	76.0	2.25	0.82	0.84	0.59	0.57	0.49	0.41	0.14
MOUNTAIN:																		
Montana	35.5	42.9	0.2	0.6	0.6	0.5	74.8	156.5	138.6	103.5	2.35	0.40	0.68	0.57	0.83	0.49	0.20	0.13
Idaho	39.7	48.2	1.0	1.0	0.7	0.6	145.9	166.2	111.2	99.7	2.15	0.34	1.33	2.17	1.21	0.38	0.17	0.09
Wyoming	38.5	46.6	0.6	0.7	0.4	0.4	72.2	111.9	93.4	84.0	2.35	0.56	0.36	0.29	0.24	0.10	0.06	0.02
Colorado	29.9	35.7	1.0	2.0	1.9	1.7	114.8	137.2	101.3	55.3	2.20	0.31	2.38	3.06	3.03	1.63	0.80	0.23
New Mexico	4.9	9.3	0.2	0.4	0.3	0.2	36.1	47.4	64.7	58.2	2.35	0.79	0.09	0.04	0.08	0.03	0.02	0.01
Arizona	7.9	6.9	0.4	0.3	0.2	0.4	69.6	84.4	54.2	95.6	2.50	1.01	0.08	0.06	0.02	0.01	0.02	0.02
Utah	44.6	56.3	0.7	1.0	1.0	1.2	136.8	169.5	142.2	78.8	2.12	0.36	0.37	0.57	0.62	0.54	0.24	0.34
Nevada	40.0	46.6	0.6	0.6	0.4	0.2	134.9	157.7	161.6	145.5	2.24	0.52	0.11	0.17	0.20	0.13	0.09	0.18
PACIFIC:																		
Washington	54.4	56.4	0.8	0.9	0.7	0.7	106.4	132.4	141.6	110.5	2.10	0.39	1.70	2.02	1.97	1.30	0.66	0.61
Oregon	49.2	55.4	0.8	1.0	0.9	0.5	88.4	109.0	125.2	79.9	2.10	0.44	1.23	1.22	1.24	1.38	0.66	0.80
California	9.8	14.2	0.5	0.6	0.4	0.3	129.8	145.1	124.5	96.0	2.30	0.50	1.95	2.83	2.52	1.92	1.68	2.69

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

Sweet potatoes and yams.—The acreage of sweet potatoes and yams harvested in the United States in 1919 was 803,727, and the production was 78,091,913 bushels, as compared with 641,255 acres, producing 59,232,070 bushels in 1909. The area harvested thus shows an increase of 25.3 per cent, while the production shows an increase of 31.8 per cent. The average yield per acre in 1919 was 97.2 bushels, as against 92.4 bushels in 1909. The value of the crop in 1919 was $124,844,475.

A summary of the available census data with regard to the production of sweet potatoes and yams in the United States, beginning with the production of 1849, is given in Table 90. The principal data are also given, by divisions and states, in Tables 93, 94, and 95.

PRODUCTION OF SWEET POTATOES, 15 LEADING STATES: 1919 AND 1909.

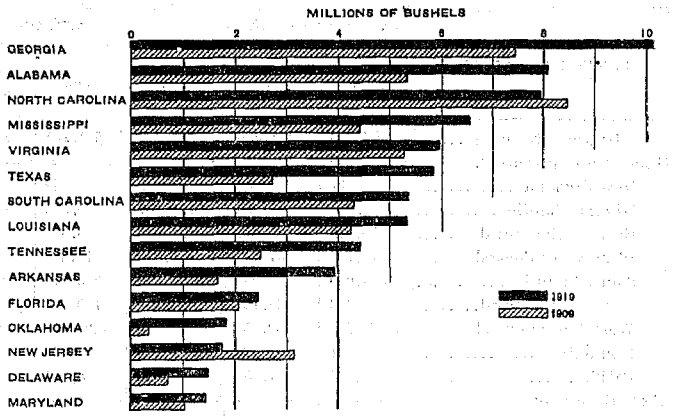


TABLE 90.—SWEET POTATOES AND YAMS—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 93, 94, and 95.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	1,406,780	1,121,900	1,001,719					
Per cent of all farms	21.8	17.6	17.5					
Acreage	803,727	641,255	537,312	524,588	(1)			
Increase over preceding census	162,472	103,943	12,724					
Per cent of increase	25.3	19.3	2.4					
Average per farm reporting	0.6	0.6	0.5					
Per cent that acreage in sweet potatoes and yams formed of—								
Total improved acreage	0.2	0.1	0.1	0.1				
Total reported crop acreage	0.2	0.2	0.2					
Production (bushels)	78,091,913	59,232,070	42,517,412	43,950,261	33,378,693	21,709,824	42,095,026	38,268,148
Increase over preceding census [2]	18,859,843	16,714,658	−1,432,849	10,571,568	11,668,869	−20,385,202	3,826,878	
Per cent of increase [2]	31.8	39.3	−3.3	31.7	53.7	−48.4	10.0	
Average yield per acre	97.2	92.4	79.1	83.8				
Value	$124,844,475	$35,429,176	$19,869,840					
Increase over preceding census	$89,415,299	$15,559,336						
Per cent of increase	252.4	78.3						
Average per bushel	$1.60	$0.60	$0.47					
Average per acre	$155.33	$55.25	$36.98					
Per cent that value of sweet potatoes and yams formed of total value of all crops	0.8	0.7	0.7					

[1] Acreage not completely reported.

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

TABLE 91.—THE TEN STATES LEADING IN ACREAGE OF SWEET POTATOES AND YAMS: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Acreage.	Per cent of total.	Rank.	STATE.	Acreage.	Per cent of total.
	United States	803,727	100.0		United States	641,255	100.0
1	Georgia	110,033	13.69	1	North Carolina	84,740	13.21
2	Alabama	90,868	11.31	2	Georgia	84,038	13.11
3	North Carolina	74,678	9.29	3	Alabama	66,613	10.39
4	Mississippi	69,394	8.63	4	Louisiana	56,953	8.88
5	Texas	68,142	8.48	5	Mississippi	56,045	8.74
6	Louisiana	68,033	8.46	6	South Carolina	48,878	7.62
7	South Carolina	60,325	7.51	7	Texas	42,010	6.55
8	Virginia	42,889	5.34	8	Virginia	40,838	6.37
9	Tennessee	39,645	4.93	9	Tennessee	26,216	4.09
10	Arkansas	39,019	4.85	10	New Jersey	22,504	3.51

TABLE 92.—THE TEN STATES LEADING IN PRODUCTION OF SWEET POTATOES AND YAMS: 1919 AND 1909.

1919				1909			
Rank.	STATE.	Production. (bushels).	Per cent of total.	Rank.	STATE.	Production (bushels).	Per cent of total.
	United States	78,091,913	100.0		United States	59,232,070	100.0
1	Georgia	10,132,016	12.97	1	North Carolina	8,493,283	14.34
2	Alabama	8,095,404	10.37	2	Georgia	7,426,131	12.54
3	North Carolina	7,959,786	10.19	3	Alabama	5,314,857	8.97
4	Mississippi	6,550,500	8.39	4	Virginia	5,270,202	8.90
5	Virginia	5,981,348	7.66	5	Mississippi	4,427,988	7.48
6	Texas	5,838,879	7.48	6	South Carolina	4,319,926	7.29
7	South Carolina	5,369,611	6.88	7	Louisiana	4,251,086	7.18
8	Louisiana	5,324,419	6.82	8	New Jersey	3,186,499	5.38
9	Tennessee	4,452,883	5.70	9	Texas	2,730,083	4.61
10	Arkansas	3,959,870	5.07	10	Tennessee	2,504,490	4.23

TABLE 93.—SWEET POTATOES AND YAMS—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**1,406,780**	**1,121,900**	**803,727**	**641,255**	**162,472**	**25.3**	**78,091,913**	**59,232,070**	**18,859,843**	**31.8**	**$124,844,475**	**$35,429,176**
GEOGRAPHIC DIVISIONS:												
New England	17	50	9	49	—40		327	4,818	—4,491	—93.2	780	4,543
Middle Atlantic	19,836	18,634	17,867	23,923	—6,056	—25.3	1,950,082	3,326,190	—1,376,108	—41.4	4,006,904	1,638,902
East North Central	59,148	39,470	14,018	13,300	718	5.4	1,089,862	1,364,256	—274,394	—20.1	2,346,756	751,929
West North Central	74,702	47,155	19,048	15,381	3,667	23.8	1,689,148	1,696,111	—6,963	—0.4	3,643,524	1,095,724
South Atlantic	544,089	484,044	337,152	295,879	41,273	13.9	35,097,513	29,628,153	5,469,360	18.5	52,638,171	16,146,222
East South Central	433,313	368,122	214,799	160,756	54,043	33.6	20,321,438	13,573,580	6,747,858	49.7	30,602,493	9,116,516
West South Central	272,939	162,853	191,929	126,407	65,522	51.8	16,967,631	9,025,928	7,941,703	88.0	20,333,551	6,265,750
Mountain	891	420	1,263	439	824	187.7	107,089	38,877	68,812	177.0	275,384	52,596
Pacific	1,845	1,152	7,642	5,121	2,521	49.2	868,223	574,157	294,066	51.2	1,996,912	357,000
NEW ENGLAND:												
Maine												
New Hampshire												
Vermont		2		1	—1			132	—132			67
Massachusetts		22		7	—7			548	—548			433
Rhode Island	2	3	(1)	(1)			11	5	6		22	8
Connecticut	15	23	9	41	—32		316	4,133	—3,817	—92.4	758	4,035
MIDDLE ATLANTIC:												
New York	55	109	16	113	—97	—85.8	1,498	10,921	—9,423	—86.3	3,520	7,394
New Jersey	6,418	7,666	15,427	22,504	—7,077	—31.4	1,772,829	3,186,499	—1,413,670	—44.4	3,634,301	1,527,074
Pennsylvania	13,363	10,859	2,424	1,306	1,118	85.6	175,755	128,770	46,985	36.5	369,083	104,434
EAST NORTH CENTRAL:												
Ohio	12,870	8,238	2,584	1,143	1,441	126.1	224,774	133,798	90,976	68.0	528,225	104,181
Indiana	19,439	11,420	3,409	1,561	1,848	118.4	195,515	178,300	17,215	9.7	479,015	139,836
Illinois	26,745	19,675	8,003	10,568	—2,565	—24.3	668,845	1,050,932	—382,087	—36.4	1,337,690	506,760
Michigan	94	124	22	24	—2		728	909	—181	—19.9	1,826	905
Wisconsin		13		4	—4			317	—317			197
WEST NORTH CENTRAL:												
Minnesota	12	15	2	(1)	2		191	50	141		496	80
Iowa	6,397	3,667	3,236	2,274	962	42.3	216,578	232,413	—15,835	—6.8	503,102	125,763
Missouri	58,242	36,258	11,165	7,938	3,227	40.7	997,606	876,234	121,372	13.9	2,094,979	567,413
North Dakota		3		(1)				27	—27			54
South Dakota	9	30	5	7	—2		251	866	—615	—71.0	666	861
Nebraska	774	1,083	274	279	—5	—1.8	25,536	28,500	—2,964	—10.4	63,853	28,121
Kansas	9,268	6,099	4,366	4,883	—517	—10.6	448,986	558,021	—109,035	—19.5	920,428	373,432
SOUTH ATLANTIC:												
Delaware	4,547	4,566	9,813	5,229	4,584	87.7	1,505,278	733,746	771,532	105.1	2,634,237	276,679
Maryland	11,484	11,175	10,185	7,956	2,229	28.0	1,453,880	1,065,956	387,924	36.4	2,702,373	483,751
District of Columbia	70	53	115	126	—11	—8.7	13,344	19,662	—6,318	—32.1	25,354	13,287
Virginia	59,537	67,506	42,889	40,838	2,051	5.0	5,981,348	5,270,202	711,146	13.5	9,570,164	2,681,472
West Virginia	15,283	15,632	2,678	2,079	599	28.8	221,378	215,582	5,796	2.7	498,107	170,086
North Carolina	137,230	142,238	74,678	84,740	—10,062	—11.9	7,959,786	8,493,283	—533,497	—6.3	11,939,707	4,333,297
South Carolina	106,104	88,340	60,325	48,878	11,447	23.4	5,369,611	4,319,926	1,049,685	24.3	8,591,379	2,006,606
Georgia	181,987	131,458	110,033	84,038	25,995	30.9	10,132,016	7,426,131	2,705,885	36.4	13,171,629	4,349,806
Florida	27,847	23,076	26,436	21,995	4,441	20.2	2,460,872	2,083,665	377,207	18.1	3,445,221	1,231,238
EAST SOUTH CENTRAL:												
Kentucky	70,183	63,646	14,892	11,882	3,010	25.3	1,222,651	1,326,245	—103,594	—7.8	2,750,979	839,454
Tennessee	99,550	89,361	39,645	26,216	13,429	51.2	4,452,883	2,504,490	1,948,393	77.8	7,347,259	1,625,056
Alabama	149,639	117,522	90,868	66,613	24,255	36.4	8,095,404	5,314,857	2,780,547	52.3	11,333,568	3,578,710
Mississippi	113,941	97,503	69,394	56,045	13,349	23.8	6,550,500	4,427,988	2,122,512	47.9	9,170,687	3,073,290
WEST SOUTH CENTRAL:												
Arkansas	84,189	53,297	39,019	22,388	16,631	74.3	3,959,870	1,685,308	2,274,562	135.0	6,533,789	1,359,669
Louisiana	69,473	52,074	68,033	56,953	11,080	19.5	5,324,419	4,251,086	1,073,333	25.2	8,785,292	2,357,729
Oklahoma	36,840	9,480	16,735	5,056	11,679	231.0	1,844,463	359,451	1,485,012	413.1	3,504,490	350,553
Texas	82,437	48,002	68,142	42,010	26,132	62.2	5,838,879	2,730,083	3,108,796	113.9	10,509,980	2,197,799
MOUNTAIN:												
Montana												
Idaho		5		1	—1			185	—185			85
Wyoming		1		(1)				10	—10			30
Colorado	61	50	[2]334	21	[2]313		4,621	2,827	1,794	63.5	12,479	4,537
New Mexico	526	200	605	211	394	186.7	67,987	13,831	54,156	391.6	169,972	18,707
Arizona	290	139	317	200	117	58.5	34,474	21,206	13,268	62.6	91,356	28,098
Utah	1	5	(1)	(1)			12	68	—56		30	110
Nevada	13	20	7	6	1		595	750	—155	—20.7	1,547	1,029
PACIFIC:												
Washington		8		5	—5			500	—500			418
Oregon	31	11	10	5	5		923	843	80	9.5	2,122	958
California	1,814	1,133	7,632	5,111	2,521	49.3	867,300	572,814	294,486	51.4	1,994,790	355,624

[1] Less than 1 acre.

[2] 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 94.—SWEET POTATOES AND YAMS—ACREAGE, 1889 TO 1919; PRODUCTION, 1879 TO 1919; AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.[1]				PRODUCTION (BUSHELS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1919	1909	1899	1889	1879	1919	1909
United States	803,727	641,255	537,312	524,588	78,091,913	59,232,070	42,517,412	43,950,261	33,378,693	0.6	0.6
GEOGRAPHIC DIVISIONS:											
New England	9	49	8	16	327	4,818	567	1,047	2,082	0.5	1.0
Middle Atlantic	17,867	23,923	24,104	21,117	1,950,082	3,326,190	2,662,046	2,346,561	2,277,708	0.9	1.3
East North Central	14,018	13,300	15,394	8,917	1,089,862	1,364,256	1,004,277	789,074	745,943	0.2	0.3
West North Central	19,048	15,381	17,660	14,339	1,689,148	1,696,111	1,491,275	1,329,159	762,705	0.3	0.3
South Atlantic	337,152	295,879	263,925	244,790	35,097,513	29,628,153	21,881,977	19,662,572	15,388,770	0.6	0.6
East South Central	214,799	160,756	126,586	135,537	20,321,438	13,573,580	8,772,133	10,424,045	10,447,234	0.5	0.4
West South Central	191,929	126,407	87,780	98,645	16,967,631	9,025,928	6,439,547	9,253,534	3,659,449	0.7	0.8
Mountain	1,263	439	169	280	107,689	38,877	19,064	20,374	8,520	1.4	1.0
Pacific	7,642	5,121	1,686	947	868,223	574,157	246,526	123,895	86,284	4.1	4.4
NEW ENGLAND:											
Maine				4				267			
New Hampshire			1	1			6	93			
Vermont		1	4			132	306				0.5
Massachusetts		7	(2)	2		548	23	137	450		0.3
Rhode Island	(2)	(2)	1	(2)	11	5	102	2	714	(2)	(2)
Connecticut	9	41	2	9	316	4,133	130	548	918	0.6	1.8
MIDDLE ATLANTIC:											
New York	16	113	73	26	1,498	10,921	8,681	2,281	6,833	0.3	1.0
New Jersey	15,427	22,504	20,588	20,157	1,772,829	3,186,499	2,418,641	2,254,344	2,086,731	2.4	2.9
Pennsylvania	2,424	1,306	3,443	934	175,755	128,770	234,724	89,936	184,142	0.2	0.1
EAST NORTH CENTRAL:											
Ohio	2,584	1,143	3,796	1,430	224,774	133,798	249,767	148,408	239,578	0.2	0.1
Indiana	3,409	1,561	3,989	2,075	195,515	178,300	239,487	177,293	244,930	0.2	0.1
Illinois	8,003	10,568	7,534	5,253	668,845	1,050,932	511,695	451,125	249,407	0.3	0.5
Michigan	22	24	71	117	728	909	3,242	9,579	4,904	0.2	0.2
Wisconsin		4	4	42		317	86	2,669	7,124		0.3
WEST NORTH CENTRAL:											
Minnesota	2	(2)	4	7	191	50	136	365		0.2	(2)
Iowa	3,236	2,274	2,688	2,014	216,578	232,413	224,622	189,874	122,368	0.5	0.6
Missouri	11,165	7,938	9,844	6,243	997,606	876,234	743,377	561,551	431,484	0.2	0.2
North Dakota		(2)	(2)	1		27	1	40			(2)
South Dakota	5	7	3	2	251	866	105	140		0.6	0.2
Nebraska	274	279	551	480	25,536	28,500	48,224	43,343	13,628	0.4	0.3
Kansas	4,366	4,883	4,570	5,592	448,986	558,021	474,810	533,846	195,225	0.5	0.8
SOUTH ATLANTIC:											
Delaware	9,813	5,229	2,265	2,158	1,505,278	733,746	222,165	202,914	195,937	2.2	1.1
Maryland	10,185	7,956	6,469	4,924	1,453,880	1,065,956	677,848	408,549	329,590	0.9	0.7
District of Columbia	115	126	145	217	13,344	19,662	19,936	31,256	23,347	1.6	2.4
Virginia	42,889	40,838	40,681	28,186	5,981,348	5,270,202	4,470,602	2,816,041	1,901,521	0.7	0.6
West Virginia	2,678	2,079	3,393	1,370	221,378	215,582	202,424	109,385	87,214	0.2	0.1
North Carolina	74,678	84,740	68,730	71,752	7,959,786	8,493,283	5,781,587	5,665,391	4,576,148	0.5	0.6
South Carolina	60,325	48,878	48,831	46,086	5,369,611	4,319,926	3,369,957	3,063,040	2,189,622	0.6	0.6
Georgia	110,033	84,038	70,620	71,399	10,132,016	7,426,131	5,087,674	5,616,317	4,397,778	0.6	0.6
Florida	26,436	21,995	22,791	18,698	2,460,872	2,083,665	2,049,784	1,749,679	1,687,613	0.9	1.0
EAST SOUTH CENTRAL:											
Kentucky	14,892	11,882	14,178	10,953	1,222,651	1,326,245	925,786	904,125	1,017,854	0.2	0.2
Tennessee	39,645	26,216	23,374	23,746	4,452,883	2,504,490	1,571,575	1,973,625	2,369,901	0.4	0.3
Alabama	90,868	66,613	50,865	56,650	8,095,404	5,314,857	3,457,386	4,339,170	3,448,819	0.6	0.6
Mississippi	69,394	56,045	38,169	44,188	6,550,500	4,427,988	2,817,386	3,207,125	3,610,660	0.6	0.6
WEST SOUTH CENTRAL:											
Arkansas	39,019	22,388	13,271	19,445	3,959,870	1,685,308	998,767	1,822,960	881,260	0.5	0.4
Louisiana	68,033	56,953	27,372	26,555	5,324,419	4,251,086	1,865,482	1,912,080	1,318,110	1.0	1.1
Oklahoma[3]	16,735	5,056	3,576	139	1,844,463	359,451	276,163	13,042		0.5	0.5
Texas	68,142	42,010	43,561	52,506	5,838,879	2,730,083	3,299,135	5,505,452	1,460,079	0.8	0.9
MOUNTAIN:											
Montana											
Idaho		1	6	3		185	413	222			0.2
Wyoming		(2)		(2)		10		5			(2)
Colorado	[4] 334	21	20	56	4,621	2,827	2,291	5,847		[5] 0.6	0.4
New Mexico	605	211	47	117	67,987	13,831	6,180	5,351	3,217	1.2	1.1
Arizona	317	200	51	101	34,474	21,206	4,299	8,619	5,303	1.1	1.4
Utah	(2)	(2)	40	1	12	68	4,658	230		(2)	(2)
Nevada	7	6	5	2	595	750	923	100		0.5	0.3
PACIFIC:											
Washington		5	52	11		500	4,672	2,535			0.6
Oregon	10	5	27	5	923	843	2,825	508		0.3	0.5
California	7,632	5,111	1,607	931	867,300	572,814	239,029	120,852	86,284	4.2	4.5

[1] Acreage of sweet potatoes and yams not completely reported in 1879.
[2] Less than 1 acre reported.
[3] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.
[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.
[5] Based on corrected acreage.

TABLE 95.—SWEET POTATOES AND YAMS—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

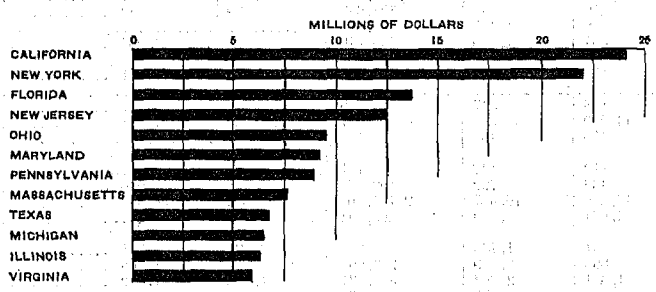
[All percentages and averages based on Tables 93 and 94. See footnotes on those tables.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHELS).				AVERAGE VALUE PER BUSHEL.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1919	1909	1899	1889	1919	1909		1919	1909	1899	1889	1879
United States	21.8	17.6	0.2	0.1	0.1	0.1	97.2	92.4	79.1	83.8	$1.60	$0.60	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																		
New England	(1)	(1)	(1)	(1)	(1)	(1)	36.3	98.3	70.9	65.4	2.39	0.94	(2)	(2)	0.01	(2)	(2)	0.01
Middle Atlantic	4.7	4.0	0.1	0.1	0.1	0.1	109.1	139.0	110.4	111.1	2.05	0.49	2.22	2.50	5.62	6.26	5.34	6.82
East North Central	5.5	3.5	(1)	(1)	(1)	(1)	77.7	102.6	65.2	88.5	2.15	0.55	1.74	1.40	2.30	2.36	1.80	2.23
West North Central	6.8	4.2	(1)	(1)	(1)	(1)	88.7	110.3	84.4	92.7	2.16	0.65	2.37	2.16	2.86	3.51	3.02	2.29
South Atlantic	46.9	43.5	0.7	0.6	0.6	0.6	104.1	100.1	82.9	80.3	1.50	0.54	41.95	44.94	50.02	51.47	44.74	46.10
East South Central	41.2	35.3	0.5	0.4	0.3	0.4	94.6	84.4	69.3	76.9	1.51	0.67	26.73	26.02	22.92	20.63	23.72	31.30
West South Central	27.4	17.3	0.3	0.2	0.2	0.3	88.4	71.4	73.4	93.8	1.73	0.69	23.88	21.73	15.24	15.15	21.05	10.96
Mountain	0.4	0.2	(1)	(1)	(1)	(1)	85.3	88.6	112.8	72.8	2.56	1.35	0.16	0.14	0.07	0.04	0.05	0.03
Pacific	0.8	0.6	(1)	(1)	(1)	(1)	113.6	112.1	146.2	130.8	2.30	0.62	0.95	1.11	0.97	0.58	0.28	0.26
NEW ENGLAND:																		
Maine	.....	.....	.....	.....	.....	(1)	.....	.....	.....	66.8	.....	.....	.....	.....	.....	.....	(2)	.....
New Hampshire	.....	.....	.....	.....	(1)	(1)	.....	.....	6.0	93.0	.....	.....	.....	.....	.....	(2)	(2)	.....
Vermont	.....	(1)	.....	(1)	(1)	.....	.....	132.0	76.5	.....	.....	0.51	.....	.....	(2)	(2)	.....	.....
Massachusetts	.....	0.1	.....	(1)	(1)	(1)	.....	78.3	(3)	68.5	.....	0.79	.....	.....	(2)	(2)	(2)	(2)
Rhode Island	(1)	0.1	(1)	(1)	(1)	(1)	(3)	(3)	102.0	(3)	2.00	1.60	(2)	(2)	(2)	(2)	.....	(2)
Connecticut	0.1	0.1	(1)	(1)	(1)	(1)	35.1	100.8	65.0	60.9	2.40	0.98	(2)	(2)	0.01	(2)	(2)	(2)
MIDDLE ATLANTIC:																		
New York	(1)	0.1	(1)	(1)	(1)	(1)	93.6	96.6	118.9	87.7	2.35	0.68	(2)	(2)	0.02	0.02	0.01	0.02
New Jersey	21.6	22.9	1.0	1.2	1.0	1.0	114.9	141.6	117.5	111.8	2.05	0.48	1.92	2.27	5.38	5.69	5.13	6.25
Pennsylvania	6.6	5.0	(1)	(1)	(1)	(1)	72.5	98.6	68.2	96.3	2.10	0.81	0.30	0.23	0.22	0.55	0.20	0.55
EAST NORTH CENTRAL:																		
Ohio	5.0	3.0	(1)	(1)	(1)	(1)	87.0	117.1	65.8	103.8	2.35	0.78	0.32	0.29	0.23	0.59	0.34	0.72
Indiana	9.5	5.3	(1)	(1)	(1)	(1)	57.4	114.2	60.0	85.4	2.45	0.78	0.42	0.25	0.30	0.56	0.40	0.73
Illinois	11.3	7.8	(1)	(1)	(1)	(1)	83.6	99.4	67.9	85.9	2.00	0.48	1.00	0.86	1.77	1.20	1.03	0.75
Michigan	(1)	0.1	(1)	(1)	(1)	(1)	33.1	37.9	45.7	81.9	2.51	1.00	(2)	(2)	(2)	0.01	0.02	0.01
Wisconsin	.....	(1)	.....	(1)	(1)	(1)	.....	79.2	21.5	63.5	.....	0.62	.....	.....	(2)	(2)	0.01	0.02
WEST NORTH CENTRAL:																		
Minnesota	(1)	(1)	(1)	(1)	(1)	(1)	95.5	(3)	34.0	52.1	2.60	1.60	(2)	(2)	(2)	(2)	(2)	.....
Iowa	3.0	1.7	(1)	(1)	(1)	(1)	66.9	102.2	83.6	94.3	2.60	0.54	0.40	0.28	0.39	0.53	0.43	0.37
Missouri	22.1	13.1	(1)	(1)	(1)	(1)	89.4	110.4	75.5	89.9	2.10	0.65	1.39	1.28	1.48	1.75	1.28	1.29
North Dakota	.....	(1)	.....	(1)	(1)	(1)	.....	(3)	(3)	40.0	.....	2.00	.....	.....	(2)	(2)	(2)	.....
South Dakota	(1)	(1)	(1)	(1)	(1)	(1)	50.2	123.7	35.0	70.0	2.65	0.99	(2)	(2)	(2)	(2)	(2)	.....
Nebraska	0.6	0.8	(1)	(1)	(1)	(1)	93.2	102.2	87.5	90.3	2.50	0.99	0.03	0.03	0.05	0.11	0.10	0.04
Kansas	5.6	3.4	(1)	(1)	(1)	(1)	102.8	114.3	103.9	95.5	2.05	0.67	0.54	0.57	0.94	1.12	1.21	0.58
SOUTH ATLANTIC:																		
Delaware	44.8	42.1	1.5	0.7	0.3	0.3	153.4	140.3	98.1	94.0	1.75	0.38	1.22	1.93	1.24	0.52	0.46	0.59
Maryland	24.0	22.8	0.3	0.2	0.2	0.1	142.7	134.0	104.8	83.0	1.90	0.45	1.27	1.86	1.80	1.59	0.93	0.99
District of Columbia	34.3	24.4	2.7	2.5	2.4	2.2	116.0	156.0	137.5	144.0	1.90	0.68	0.01	0.02	0.03	0.05	0.07	0.07
Virginia	32.0	36.7	0.5	0.4	0.4	0.3	139.5	129.1	109.9	99.9	1.60	0.51	5.34	7.66	8.90	10.51	6.41	5.70
West Virginia	17.5	16.2	(1)	(1)	0.1	(1)	82.7	103.7	59.7	79.8	2.25	0.79	0.33	0.28	0.36	0.48	0.25	0.26
North Carolina	50.9	56.1	0.9	1.0	0.8	0.9	106.6	100.2	84.1	79.0	1.50	0.51	9.29	10.19	14.34	13.60	12.89	13.71
South Carolina	55.1	50.1	1.0	0.8	0.8	0.9	89.0	88.4	69.0	66.5	1.60	0.60	7.51	6.88	7.29	7.93	6.97	6.56
Georgia	58.6	45.2	0.8	0.7	0.7	0.7	92.1	88.4	72.0	78.7	1.30	0.59	13.69	12.97	12.54	11.97	12.78	13.18
Florida	51.6	46.1	1.2	1.2	1.5	1.6	93.1	94.7	89.9	93.6	1.40	0.59	3.29	3.15	3.52	4.82	3.98	5.06
EAST SOUTH CENTRAL:																		
Kentucky	25.9	24.6	0.1	0.1	0.1	0.1	82.1	111.6	65.3	82.5	2.25	0.63	1.85	1.57	2.24	2.18	2.06	3.05
Tennessee	39.4	36.3	0.4	0.2	0.2	0.3	112.3	95.5	67.2	83.1	1.65	0.65	4.93	5.70	4.23	3.70	4.49	7.10
Alabama	58.4	44.7	0.9	0.7	0.6	0.7	89.1	79.8	68.0	76.6	1.40	0.67	11.31	10.37	8.97	8.13	9.87	10.33
Mississippi	41.9	35.6	0.7	0.6	0.5	0.6	94.4	79.0	73.8	72.6	1.40	0.69	8.63	8.39	7.48	6.63	7.30	10.82
WEST SOUTH CENTRAL:																		
Arkansas	36.2	24.8	0.4	0.3	0.2	0.4	101.5	75.3	75.3	93.7	1.65	0.81	4.85	5.07	2.85	2.35	4.15	2.64
Louisiana	51.3	43.2	1.2	1.1	0.6	0.7	78.3	74.6	68.2	72.0	1.65	0.55	8.46	6.82	7.18	4.39	4.35	3.95
Oklahoma	19.2	5.0	0.9	(1)	(1)	(1)	110.2	71.1	77.2	93.8	1.90	0.98	2.08	2.36	0.61	0.65	0.03	.....
Texas	18.9	11.5	0.2	0.2	0.2	0.3	85.7	65.0	75.7	104.9	1.80	0.81	8.48	7.48	4.61	7.76	12.53	4.37
MOUNTAIN:																		
Montana	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho	.....	(1)	.....	(1)	(1)	(1)	.....	185.0	68.8	74.0	.....	0.46	.....	.....	(2)	(2)	(2)	.....
Wyoming	.....	(1)	.....	(1)	.....	(1)	.....	(3)	.....	(3)	.....	3.00	.....	.....	(2)	.....	(2)	.....
Colorado	0.1	0.1	(1)	(1)	(1)	(1)	[4]124.9	134.6	114.6	104.4	2.70	1.00	0.04	0.01	(2)	0.01	0.01	.....
New Mexico	1.8	0.6	(1)	(1)	(1)	(1)	112.4	65.5	131.5	45.7	2.50	1.35	0.08	0.09	0.02	0.01	0.01	0.01
Arizona	2.9	1.5	(1)	0.1	(1)	0.1	108.8	106.0	84.3	85.3	2.65	1.33	0.04	0.04	0.04	0.01	0.02	0.02
Utah	(1)	(1)	(1)	(1)	(1)	(1)	(3)	(3)	124.0	230.0	2.50	1.62	(2)	(2)	(2)	0.01	(2)	.....
Nevada	0.4	0.7	(1)	(1)	(1)	(1)	85.0	125.0	184.6	50.0	2.60	1.37	(2)	(2)	(2)	(2)	(2)	.....
PACIFIC:																		
Washington	.....	(1)	.....	(1)	(1)	(1)	.....	100.0	89.8	230.5	.....	0.84	.....	.....	(2)	0.01	0.01	.....
Oregon	0.1	(1)	(1)	(1)	(1)	(1)	92.3	168.6	104.6	101.6	2.30	1.14	(2)	(2)	(2)	0.01	(2)	.....
California	1.5	1.3	0.1	(1)	(1)	(1)	113.6	112.1	148.7	129.8	2.30	0.62	0.95	1.11	0.97	0.56	0.27	0.26

[1] Less than one-tenth of 1 per cent. [2] Less than one-hundredth of 1 per cent. [3] Less than 1 acre reported. [4] Based on corrected acreage; see footnote 4 on Table 94.

Miscellaneous vegetables.—The group designated "miscellaneous vegetables" is made up chiefly of those vegetables which would be classified as truck crops, in case a distinction were made between truck crops and farm crops or field crops. The grouping is not altogether satisfactory, since it includes sweet corn, for example, which is grown in many cases strictly as a field crop, and excludes early potatoes, which are frequently grown with all the special care and attention characteristic of a truck crop. The limitations of the census inquiry make it necessary, however, to classify the whole of a crop either with the field crops or with the vegetables.

VALUE OF VEGETABLES RAISED FOR SALE, 12 LEADING STATES: 1919.



The data relating to vegetables which were collected for the year 1919 included the acreage and value of the different kinds of vegetables raised for sale and the value of the vegetables raised in farm gardens. Combined, the value of the vegetables raised for sale and of the products of the farm gardens amounted to $537,914,692, representing the total value of all vegetables raised on farms in 1919 (not including potatoes or sweet potatoes and yams). For the year 1899 similar data were secured, with the addition of the farm-garden acreage. For the year 1909 the total acreage and value of all vegetables raised on farms were obtained, but there was no classification showing vegetables raised for sale separately from those raised for home use. In place of this classification, there was made, for each of the important vegetables, a special tabulation of all reports showing 1 acre or more. These vegetables, raised in tracts of 1 acre or more, doubtless represent the greater part of the market production; but the aggregate quantities produced for market in smaller tracts are sufficiently great to make it impracticable to compare the results of this special tabulation for 1909 with the total market-vegetable figures for either 1919 or 1899.

The statistics relating to miscellaneous vegetables, including the products of farm gardens, are summarized for the United States in Tables 96 and 97 and presented by divisions and states in Tables 98, 99, and 100, Tables 97 and 100 giving data for the different kinds of vegetables.

TABLE 96.—MISCELLANEOUS VEGETABLES—SUMMARY FOR THE UNITED STATES: 1899 TO 1919.

[Vegetables other than potatoes and sweet potatoes.]

ITEM.	1919	1909[1]	1899
Total:			
Acreage	.....	2,763,269	2,162,130
Value	$537,914,692	$216,257,068	$120,281,811
Vegetables raised for sale:			
Farms reporting	488,254	.....	614,146
Acreage	1,475,274	.....	1,221,760
Value	$193,248,964	.....	$73,804,724
Farm gardens:			
Farms reporting	5,090,293	.....	2,900,420
Acreage	.....	.....	940,370
Value of products	$344,665,728	.....	$46,477,087

[1] In 1909 vegetables were not classified as raised for sale or for home use. Instead there was made, for each of the important vegetables, a special tabulation of all reports showing 1 acre or more. (The results of this special tabulation are shown in Table 97.) The total acreage of vegetables thus reported in tracts of 1 acre or more was 1,022,234, and the total value of these vegetables was $66,075,633. These figures, of course, do not include all vegetables raised for sale, since the aggregate area of market vegetables produced in tracts containing less than 1 acre of any one vegetable must have been considerable.

TABLE 97.—MISCELLANEOUS VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES FOR THE UNITED STATES, WITH NUMBER OF FARMS REPORTING: 1899 TO 1919.

[Vegetables other than potatoes and sweet potatoes. Figures for divisions and states in Tables 98, 99, and 100.]

ITEM.	1919			1909[1]			1899		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
Total	**488,254**	**1,475,274**	**$193,248,964**	.....	.....	.....	**614,146**	**1,221,760**	**$73,804,724**
Asparagus	6,728	30,244	5,102,135	5,300	25,639	$2,246,631	4,456	10,192	.....
Beans (green)	84,203	71,970	8,031,449	21,561	53,610	2,844,951	18,964	15,004	.....
Beets	7,197	5,255	1,016,507	1,684	3,202	352,696	15,736	8,142	.....
Brussels sprouts	313	984	232,370	188	390	45,576	.....	.....	.....
Cabbages	124,972	123,994	21,848,112	43,843	125,998	9,719,641	343,999	150,128	.....
Cantaloupes and muskmelons	41,093	78,436	10,766,591	16,278	52,419	3,604,636	109,797	60,822	.....
Carrots	8,968	6,522	1,563,010	2,008	3,704	473,499	12,883	6,194	.....
Cauliflower	2,403	6,513	1,328,415	1,060	3,466	602,885	1,407	2,571	.....
Celery	11,449	20,148	9,462,277	4,005	15,863	3,922,848	3,944	9,327	.....
Corn (pop)	5,914	50,778	3,158,504	2,535	12,773	326,141	.....	.....	.....
Corn (sweet)	103,784	271,584	17,297,561	48,514	178,224	5,936,419	159,968	199,729	.....
Cucumbers	70,066	51,643	8,579,102	16,714	32,310	2,719,340	163,740	31,991	.....
Eggplant	1,500	1,712	491,321	459	894	154,643	889	689	.....
Horse-radish	502	922	205,767	480	1,475	233,885	.....	.....	.....
Kale	474	1,193	241,415	337	1,495	146,010	463	1,264	.....
Lettuce	20,463	21,544	8,535,092	2,178	5,489	1,595,085	2,930	2,631	.....
Mushrooms	52	.....	319,911	.....	.....	.....	.....	.....	.....
Okra (gumbo)	1,071	986	117,175	148	347	24,969	.....	.....	.....
Onions (dry)	76,609	64,338	21,387,221	14,989	47,625	6,709,047	244,365	47,981	.....
Onions (green)	459	340	113,670	130	184	44,788	.....	.....	.....
Parsley	438	393	107,303	112	192	27,181	.....	.....	.....
Parsnips	1,575	845	244,435	436	722	102,674	2,758	926	.....
Peas (green)	49,632	103,686	7,164,988	17,219	70,487	2,785,502	14,825	30,443	.....
Peppers (green)	7,605	15,290	3,079,285	1,641	3,483	408,741	.....	.....	.....
Pumpkins	1,674	3,056	137,626	361	1,163	29,993	3,194	3,341	.....
Radishes	1,087	2,014	437,286	895	2,269	293,062	2,656	1,708	.....
Rhubarb	2,263	2,394	673,113	1,021	2,364	338,831	1,552	1,512	.....
Rutabagas	858	837	113,741	353	631	30,970	.....	.....	.....
Salsify (vegetable oyster)	82	41	12,386	.....	.....	.....	.....	.....	.....
Spinach	2,343	10,027	1,715,869	1,152	6,668	817,069	1,001	3,573	.....
Squashes	5,402	5,370	685,245	1,002	2,380	207,391	5,336	4,228	.....
Tomatoes	170,693	316,399	38,675,496	64,751	207,379	13,707,929	301,257	197,489	.....
Turnips	5,088	4,056	543,071	11,732	22,324	1,169,499	15,370	9,677	.....
Watermelons	73,083	159,088	10,466,133	35,345	137,005	4,453,101	233,756	199,811	.....
All other vegetables	4,544	6,333	1,241,205	.....	.....	.....	} 225,314	222,387	.....
Mixed vegetables	16,389	36,339	8,154,177	.....	.....	.....			

[1] The 1909 figures represent vegetables raised in tracts of 1 acre or more. See footnote on Table 96.

TABLE 98.—MISCELLANEOUS VEGETABLES—FARMS REPORTING, BY DIVISIONS AND STATES: 1899 TO 1919.

[Vegetables other than potatoes and sweet potatoes.]

DIVISION AND STATE.	FARMS REPORTING, 1919.		FARMS REPORTING VEGETABLES, 1909.					FARMS REPORTING VEGETABLES, 1899.				
	Vegetables raised for sale.	Farm gardens.	Total.	With no report of acreage and value.	With report of acreage and value.			Total (including estimates).	With no report of acreage and value (est.).	With report of acreage and value.		
					Total.	$500 and over.	Less than $500.			Total.	For the market.	For home use.
United States	**488,254**	**5,090,293**	**4,969,539**	**707,763**	**4,261,776**	**41,731**	**4,220,045**	**4,272,100**	**757,534**	**3,514,566**	**614,146**	**2,900,420**
GEOGRAPHIC DIVISIONS:												
New England	26,068	133,070	155,746	7,465	148,281	3,230	145,051	162,034	42,852	119,182	22,175	97,007
Middle Atlantic	80,836	370,222	409,507	26,520	382,987	10,881	372,106	414,304	73,829	340,475	71,969	268,506
East North Central	96,557	943,111	954,825	111,874	842,951	8,241	834,710	891,192	174,125	717,067	83,234	633,833
West North Central	53,081	882,761	851,501	136,475	715,026	2,743	712,283	776,106	165,031	611,075	81,051	530,024
South Atlantic	98,732	949,311	882,761	94,431	788,330	7,486	780,844	718,421	82,420	636,001	175,991	460,010
East South Central	48,632	851,280	842,261	97,934	744,327	1,687	742,640	682,591	85,040	597,551	82,434	515,117
West South Central	49,161	720,876	660,688	184,403	476,285	2,210	474,075	488,845	83,862	404,983	70,207	334,776
Mountain	15,959	119,224	94,746	25,842	68,904	2,036	66,868	66,725	34,111	32,614	10,710	21 904
Pacific	19,228	120,438	117,504	22,819	94,685	3,217	91,468	71,882	16,264	55,618	16,375	39,243
NEW ENGLAND:												
Maine	9,284	40,981	48,613	3,497	45,116	243	44,873	46,253	11,720	34,533	7,141	27,392
New Hampshire	2,258	17,799	22,826	596	22,230	149	22,081	26,685	7,028	19,657	1,306	18,351
Vermont	1,555	25,226	27,852	904	26,948	122	26,826	29,794	12,154	17,640	576	17,064
Massachusetts	8,327	26,450	29,163	276	28,887	1,961	26,926	34,698	8,862	25,836	8,043	17,793
Rhode Island	916	3,440	4,601	276	4,325	184	4,141	4,124	308	3,816	1,398	2,418
Connecticut	3,728	19,174	22,691	1,916	20,775	571	20,204	20,480	2,780	17,700	3,711	13,989
MIDDLE ATLANTIC:												
New York	35,857	163,272	182,700	13,049	169,651	4,997	164,654	188,178	46,462	141,716	28,174	113,542
New Jersey	12,027	24,929	29,377	2,160	27,217	3,857	23,360	28,788	2,688	26,100	12,756	13,344
Pennsylvania	32,952	182,021	197,430	11,311	186,119	2,027	184,092	197,338	24,679	172,659	31,039	141,620
EAST NORTH CENTRAL:												
Ohio	20,152	224,807	242,672	23,827	218,845	2,405	216,440	229,677	50,067	179,610	26,147	153,463
Indiana	15,880	177,821	190,841	26,174	164,667	1,294	163,373	184,175	23,897	160,278	19,015	141,263
Illinois	14,974	209,892	219,294	33,046	186,248	2,227	184,021	206,038	31,911	174,127	12,961	161,166
Michigan	24,224	163,676	160,690	12,660	148,030	1,401	146,629	152,446	41,716	110,730	12,792	97,938
Wisconsin	21,327	166,915	141,328	16,167	125,161	914	124,247	118,856	26,534	92,322	12,319	80,003
WEST NORTH CENTRAL:												
Minnesota	9,683	145,559	117,725	14,235	103,490	594	102,896	108,261	45,232	63,029	5,749	57,280
Iowa	12,025	184,293	177,714	25,112	152,602	646	151,956	182,898	33,251	149,647	17,070	132,577
Missouri	14,268	233,114	241,582	20,142	221,440	839	220,601	228,411	6,690	221,721	31,889	189,832
North Dakota	1,976	51,914	43,252	10,499	32,753	42	32,711	28,559	17,622	10,937	1,461	9,476
South Dakota	2,189	50,607	47,331	15,715	31,616	91	31,525	35,257	20,048	15,209	2,273	12,936
Nebraska	5,014	93,599	94,471	20,008	74,463	181	74,282	80,206	23,010	57,196	8,175	49,021
Kansas	7,926	123,675	129,426	30,764	98,662	350	98,312	112,514	19,178	93,336	14,434	78,902
SOUTH ATLANTIC:												
Delaware	6,944	9,159	9,583	1,058	8,525	291	8,234	8,265	592	7,673	5,122	2,551
Maryland	19,183	42,355	44,765	2,414	42,351	2,222	40,129	40,491	5,206	35,285	14,592	20,693
District of Columbia	126	132	176	1	175	67	108	202	19	183	145	38
Virginia	20,392	170,194	164,285	8,633	155,652	1,116	154,536	134,309	4,161	130,148	36,457	93,691
West Virginia	8,878	80,805	89,678	4,240	85,438	209	85,229	76,156	2,689	73,467	16,791	56,676
North Carolina	14,164	225,566	204,774	16,676	188,098	354	187,744	168,478	15,750	152,728	46,776	105,952
South Carolina	8,001	142,511	121,511	19,697	101,814	327	101,487	108,748	24,885	83,863	13,725	70,138
Georgia	11,747	244,518	215,356	37,172	178,184	467	177,717	157,284	22,596	134,688	35,003	99,685
Florida	9,297	34,071	32,633	4,540	28,093	2,433	25,660	24,488	6,522	17,966	7,380	10,586
EAST SOUTH CENTRAL:												
Kentucky	13,096	231,748	221,896	19,117	202,779	456	202,323	187,734	23,303	164,431	26,995	137,436
Tennessee	17,154	218,197	210,729	16,191	194,538	403	194,135	179,698	11,416	168,282	33,584	134,698
Alabama	9,972	207,228	208,712	27,607	181,105	321	180,784	149,557	13,629	135,928	7,700	128,228
Mississippi	8,410	194,107	200,924	35,019	165,905	507	165,398	165,602	36,692	128,910	14,155	114,755
WEST SOUTH CENTRAL:												
Arkansas	10,826	183,935	169,110	20,017	149,093	146	148,947	125,086	15,496	109,590	9,455	100,135
Louisiana	4,637	93,419	78,787	22,454	56,333	573	55,760	81,178	37,128	44,050	8,067	35,983
Oklahoma [1]	9,472	145,132	131,206	46,911	84,295	153	84,142	67,877	13,998	53,879	13,214	40,665
Texas	24,226	298,390	281,585	95,021	186,564	1,338	185,226	214,704	17,240	197,464	39,471	157,993
MOUNTAIN:												
Montana	1,467	22,719	13,810	3,816	9,994	203	9,791	9,359	5,015	4,344	1,616	2,728
Idaho	1,787	24,774	19,371	5,082	14,289	198	14,091	13,103	5,842	7,261	1,911	5,350
Wyoming	562	7,330	5,774	1,503	4,271	65	4,206	3,657	2,025	1,632	453	1,179
Colorado	4,919	32,236	26,535	6,511	20,024	953	19,071	18,525	10,979	7,546	2,622	4,924
New Mexico	2,878	12,350	13,559	5,819	7,740	118	7,622	4,924	2,333	2,591	1,256	1,335
Arizona	1,049	3,145	3,136	732	2,404	149	2,255	1,743	361	1,382	738	644
Utah	3,135	14,997	11,042	1,996	9,046	256	8,790	14,540	7,548	6,992	1,863	5,129
Nevada	162	1,673	1,519	383	1,136	94	1,042	874	8	866	251	615
PACIFIC:												
Washington	4,906	47,664	40,372	8,478	31,894	644	31,250	23,241	4,577	18,664	6,185	12,479
Oregon	3,385	35,651	33,984	4,948	29,036	498	28,538	26,878	5,139	21,739	5,172	16,567
California	10,937	37,123	43,148	9,393	33,755	2,075	31,680	21,763	6,548	15,215	5,018	10,197

[1] Figures for 1899 include Indian Territory.

TABLE 99.—MISCELLANEOUS VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE; AND FARM GARDENS—FARMS REPORTING AND VALUE, BY DIVISIONS AND STATES: 1919 AND 1899.

DIVISION AND STATE.	MISCELLANEOUS VEGETABLES RAISED FOR SALE.								FARM GARDENS.			
	Acreage.		Value.		Average acreage per farm reporting.		Average value per acre.		Farms reporting.		Value of products.	
	1919	1899	1919	1899	1919	1899	1919	1899	1919	1899	1919	1899
United States	1,475,274	1,221,760	$193,248,964	$73,804,724	3.0	2.0	$130.99	$60.41	5,090,293	2,900,420	$344,665,728	$46,477,087
GEOGRAPHIC DIVISIONS:												
New England	54,600	53,135	12,782,232	5,928,774	2.1	2.4	234.11	111.58	133,070	97,007	12,602,649	1,879,761
Middle Atlantic	281,821	229,790	43,347,729	17,864,696	3.5	3.2	154.09	77.74	370,222	268,506	32,117,666	4,116,352
East North Central	296,271	218,554	33,432,348	12,804,309	3.1	2.6	112.84	58.59	943,111	633,833	58,176,993	9,086,164
West North Central	146,990	151,547	12,648,736	7,003,636	2.8	1.9	86.05	46.21	882,761	530,024	55,262,394	8,078,086
South Atlantic	337,379	304,214	37,736,292	14,595,241	3.4	1.7	111.85	47.98	949,311	460,010	69,286,220	7,083,739
East South Central	63,766	88,416	8,407,579	4,544,781	1.3	1.1	131.85	51.40	851,280	515,117	53,942,162	8,793,864
West South Central	91,664	101,056	10,298,457	4,987,525	1.9	1.4	112.35	49.35	720,876	334,776	45,924,594	5,712,164
Mountain	41,350	29,962	6,878,916	2,164,291	2.6	2.8	166.36	72.23	119,224	21,904	8,256,347	664,460
Pacific	161,933	45,086	27,716,675	3,911,471	8.4	2.8	171.16	86.76	120,438	39,243	9,096,703	1,062,497
NEW ENGLAND:												
Maine	14,073	12,338	2,161,714	748,489	1.5	1.7	153.61	60.67	40,981	27,392	3,180,673	496,746
New Hampshire	2,592	2,711	427,487	277,453	1.1	2.1	164.93	102.34	17,799	18,351	1,848,651	349,818
Vermont	1,905	1,760	260,441	117,329	1.2	3.1	136.71	66.66	25,226	17,064	2,116,561	254,415
Massachusetts	24,747	23,874	7,622,622	3,339,828	3.0	3.0	308.02	139.89	26,450	17,793	3,105,592	405,520
Rhode Island	2,163	4,162	394,100	487,099	2.4	3.0	182.20	117.03	3,440	2,418	412,104	64,936
Connecticut	9,120	8,290	1,915,868	958,576	2.4	2.2	210.07	115.63	19,174	13,989	1,939,068	308,326
MIDDLE ATLANTIC:												
New York	132,042	112,771	22,017,396	8,916,364	3.7	4.0	166.75	79.07	163,272	113,542	12,237,223	1,739,694
New Jersey	94,996	70,778	12,473,316	4,735,985	7.9	5.5	131.30	66.91	24,929	13,344	2,890,984	284,145
Pennsylvania	54,283	46,241	8,857,017	4,212,347	1.6	1.5	163.16	91.10	182,021	141,620	16,989,459	2,092,513
EAST NORTH CENTRAL:												
Ohio	62,860	57,372	9,532,727	3,893,345	3.1	2.2	151.65	67.86	224,807	153,463	15,646,395	2,552,891
Indiana	53,468	51,106	5,607,111	2,426,262	3.4	2.7	104.87	47.48	177,821	141,263	9,100,018	2,098,173
Illinois	60,705	61,504	6,330,537	3,020,722	4.1	4.7	104.28	49.11	209,892	161,166	12,405,254	2,284,181
Michigan	50,955	29,129	6,455,768	2,179,638	2.1	2.3	126.70	74.83	163,676	97,938	9,583,356	1,214,627
Wisconsin	68,283	19,443	5,506,205	1,284,342	3.2	1.6	80.64	66.06	166,915	80,003	11,441,970	936,292
WEST NORTH CENTRAL:												
Minnesota	14,652	11,418	2,223,305	769,080	1.5	2.0	151.74	67.36	145,559	57,280	9,305,128	734,321
Iowa	73,372	40,517	4,901,320	1,579,576	6.1	2.4	66.80	38.99	184,293	132,577	11,967,063	1,929,551
Missouri	28,838	52,809	2,962,802	2,443,546	2.0	1.7	102.74	46.22	233,114	189,832	15,354,668	3,100,791
North Dakota	964	1,551	116,857	102,420	0.5	1.1	121.22	66.03	51,914	9,476	3,465,623	153,786
South Dakota	2,397	3,262	218,687	187,075	1.1	1.4	91.23	57.35	50,607	12,936	3,323,437	202,642
Nebraska	14,823	16,527	846,063	741,934	3.0	2.0	57.08	44.89	93,599	49,021	5,444,561	699,695
Kansas	11,944	25,403	1,379,612	1,180,005	1.5	1.8	115.51	46.45	123,675	78,902	6,401,914	1,260,300
SOUTH ATLANTIC:												
Delaware	33,360	22,694	1,903,017	769,041	4.8	4.4	57.04	33.89	9,159	2,551	783,507	57,203
Maryland	119,922	91,765	9,154,530	3,585,706	6.3	6.3	76.34	39.07	42,355	20,693	3,910,672	392,561
District of Columbia	712	963	124,946	85,740	5.7	6.6	175.49	89.03	132	38	37,984	1,876
Virginia	47,307	57,423	5,921,523	3,111,832	2.3	1.6	125.17	54.19	170,194	93,691	12,928,987	1,756,627
West Virginia	8,377	11,946	1,056,184	724,229	0.9	0.7	126.08	60.63	80,805	56,676	8,699,957	972,799
North Carolina	14,710	32,757	1,718,349	1,743,684	1.0	0.7	116.82	53.23	225,566	105,952	15,848,541	1,377,808
South Carolina	15,978	19,790	1,932,911	1,154,273	2.0	1.4	120.97	58.33	142,511	70,138	9,832,031	936,901
Georgia	36,763	44,015	2,229,577	1,676,903	3.1	1.3	60.65	38.10	244,518	99,685	14,749,394	1,376,995
Florida	60,250	22,861	13,695,255	1,743,833	6.5	3.1	227.31	76.28	34,071	10,586	2,495,147	210,969
EAST SOUTH CENTRAL:												
Kentucky	16,124	29,615	1,951,375	1,619,044	1.2	1.1	121.02	54.67	231,748	137,436	13,789,346	2,799,772
Tennessee	20,877	30,106	2,101,743	1,445,876	1.2	0.9	100.67	48.03	218,197	134,698	14,058,428	1,999,677
Alabama	12,750	12,802	1,311,668	568,937	1.3	1.7	102.88	44.44	207,228	128,228	13,289,201	2,073,629
Mississippi	14,015	15,893	3,042,793	910,924	1.7	1.1	217.11	57.32	194,107	114,755	12,805,187	1,920,786
WEST SOUTH CENTRAL:												
Arkansas	18,985	13,509	1,143,487	586,809	1.8	1.4	60.23	43.44	183,935	100,135	11,898,176	1,658,778
Louisiana	11,668	15,842	1,421,838	1,152,329	2.5	2.0	121.86	72.74	93,419	35,983	6,952,241	601,521
Oklahoma	11,918	16,563	920,731	729,366	1.3	1.3	77.26	44.04	145,132	40,665	9,050,318	710,248
Texas	49,093	55,142	6,812,401	2,519,021	2.0	1.4	138.77	45.68	298,390	157,993	18,023,859	2,741,617
MOUNTAIN:												
Montana	1,273	3,027	302,823	269,893	0.9	1.9	237.88	89.16	22,719	2,728	1,780,876	108,899
Idaho	2,097	3,246	400,808	221,029	1.2	1.7	191.13	68.09	24,774	5,350	1,730,159	170,286
Wyoming	582	866	91,940	47,467	1.0	1.9	157.97	54.81	7,330	1,179	635,033	40,415
Colorado	18,438	13,234	3,302,158	979,239	3.7	5.0	179.10	73.99	32,236	4,924	1,965,063	152,711
New Mexico	4,071	3,122	571,959	164,262	1.4	2.5	140.50	52.61	12,350	1,335	681,959	43,162
Arizona	6,062	1,741	956,168	117,687	5.8	2.4	157.73	67.60	3,145	644	311,420	18,821
Utah	8,309	4,110	1,164,731	293,042	2.7	2.2	140.18	71.30	14,997	5,129	956,520	103,057
Nevada	518	616	88,329	71,672	3.2	2.5	170.52	116.35	1,673	615	195,317	27,109
PACIFIC:												
Washington	9,460	8,842	2,263,380	735,043	1.9	1.4	239.26	83.13	47,664	12,479	3,739,509	305,625
Oregon	6,231	8,183	1,341,707	645,551	1.8	1.6	215.33	78.89	35,651	16,567	2,986,909	428,917
California	146,242	28,061	24,111,588	2,530,877	13.4	5.6	164.87	90.19	37,123	10,197	2,370,285	327,955

[1] Figures for 1899 include Indian Territory.

TABLE 100.—VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919.

DIVISION AND STATE.	ASPARAGUS.			BEANS (GREEN).			BEETS.			BRUSSELS SPROUTS.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States	**6,728**	**30,244**	**$5,102,135**	**84,263**	**71,970**	**$8,031,449**	**7,197**	**5,255**	**$1,016,507**	**313**	**984**	**$232,370**
GEOGRAPHIC DIVISIONS:												
New England	816	1,386	357,856	5,110	2,419	406,096	1,072	478	162,887	36	44	11,830
Middle Atlantic	2,322	5,228	1,099,088	15,024	15,216	1,806,376	2,152	2,192	444,047	177	471	130,814
East North Central	1,424	2,797	466,967	10,940	8,703	871,885	1,434	1,100	153,727	10	10	1,323
West North Central	598	640	116,666	5,421	1,758	257,402	531	191	32,302	3	1	295
South Atlantic	439	1,017	235,191	20,377	23,055	2,607,830	513	267	81,712	16	11	1,131
East South Central	244	138	16,099	15,665	10,481	839,335	255	77	14,739	1	(1)	100
West South Central	28	32	6,077	6,363	3,868	424,361	450	238	28,938	6	4	906
Mountain	288	251	60,028	2,008	1,370	162,242	355	126	21,990	1	1	15
Pacific	569	17,855	2,744,163	3,355	5,100	655,922	435	586	76,165	63	442	85,956
NEW ENGLAND:												
Maine	30	4	1,203	1,590	529	82,139	238	66	14,758	1	3	600
New Hampshire	31	13	5,067	533	195	22,673	137	25	7,475			
Vermont	44	21	4,435	246	99	13,864	76	9	3,467			
Massachusetts	549	1,157	296,086	1,838	961	169,249	488	308	109,532	15	7	1,782
Rhode Island	32	50	9,916	230	197	26,527	23	15	6,000			
Connecticut	130	141	41,149	673	438	91,644	110	55	21,655	20	34	9,448
MIDDLE ATLANTIC:												
New York	597	694	154,473	4,254	6,628	814,127	1,073	1,291	243,892	173	471	130,700
New Jersey	1,001	3,603	718,574	3,190	6,091	647,345	357	458	98,026			
Pennsylvania	724	931	226,041	7,580	2,497	344,904	722	443	102,129	4	(1)	114
EAST NORTH CENTRAL:												
Ohio	313	292	71,085	3,605	2,068	282,419	325	187	44,887	1	(1)	100
Indiana	99	78	14,786	1,607	805	92,654	154	127	14,987	1	1	150
Illinois	703	2,128	334,576	2,330	1,209	157,160	358	219	33,001	4	5	690
Michigan	237	256	34,525	2,092	2,073	154,491	288	141	24,324	4	4	383
Wisconsin	72	43	11,995	1,306	2,548	185,161	309	426	36,528			
WEST NORTH CENTRAL:												
Minnesota	157	203	41,989	764	210	33,045	148	51	8,695			
Iowa	147	172	23,681	783	167	23,598	77	34	5,226			
Missouri	142	84	20,532	2,660	1,024	162,692	145	61	11,644			
North Dakota				169	46	3,565	24	4	600			
South Dakota	1	1	200	129	42	2,809	12	(1)	43			
Nebraska	51	65	10,326	253	78	6,314	48	14	1,917			
Kansas	100	115	19,938	663	191	25,379	77	27	4,177	3	1	295
SOUTH ATLANTIC:												
Delaware	127	177	32,118	222	218	15,771	3	1	128			
Maryland	125	393	73,966	2,721	5,187	513,419	143	86	16,333	7	7	680
District of Columbia	4	5	1,101	74	87	11,136	26	16	3,317	1	(1)	11
Virginia	36	47	7,324	3,919	3,024	350,455	109	79	34,682	1	3	300
West Virginia	15	10	2,038	4,255	2,364	209,740	60	9	2,646	3	(1)	40
North Carolina	7	47	4,971	2,883	1,500	142,160	38	10	3,046			
South Carolina	99	1,145	98,806	1,198	917	117,821	15	3	460			
Georgia	26	93	13,967	2,035	1,236	123,486	29	11	1,422			
Florida				3,070	8,522	1,123,842	85	52	19,678	4	1	100
EAST SOUTH CENTRAL:												
Kentucky	54	28	6,143	5,551	3,358	271,784	114	23	3,526			
Tennessee	23	51	4,988	5,368	4,322	285,519	65	24	5,904	1	(1)	100
Alabama	165	59	4,898	2,200	986	98,635	30	7	1,033			
Mississippi	2	(1)	70	2,546	1,815	183,397	46	23	4,276			
WEST SOUTH CENTRAL:												
Arkansas	5	2	240	1,873	624	55,187	41	8	1,273	2	(1)	60
Louisiana				1,219	1,664	179,578	113	158	15,438	4	4	846
Oklahoma	11	5	1,247	897	200	18,545	138	13	3,256			
Texas	12	25	4,590	2,374	1,380	171,051	158	59	8,971			
MOUNTAIN:												
Montana	9	2	907	249	52	9,439	51	9	2,273			
Idaho	23	14	3,427	422	87	12,303	30	1	480			
Wyoming				78	197	16,074	7	2	321			
Colorado	170	120	28,460	612	667	70,660	178	78	11,619	1	1	15
New Mexico	12	22	4,550	200	70	8,019	35	10	2,857			
Arizona	14	22	5,630	97	72	12,340	12	11	1,450			
Utah	57	65	15,954	322	220	32,753	39	13	2,840			
Nevada	3	6	1,100	28	5	654	3	2	150			
PACIFIC:												
Washington	231	300	71,677	968	451	70,694	141	83	16,585			
Oregon	73	111	31,876	781	523	62,896	94	64	9,274	2	1	120
California	265	17,444	2,640,610	1,606	4,126	522,332	200	439	50,306	61	441	85,836

[1] Less than 1 acre, or reported in small fractions.

TABLE 100.—VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919—Continued.

DIVISION AND STATE.	CABBAGES.			CANTALOUPES AND MUSKMELONS.			CARROTS.			CAULIFLOWER.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States	**124,972**	**123,994**	**$21,848,112**	**41,093**	**78,436**	**$10,766,591**	**8,968**	**6,522**	**$1,563,910**	**2,403**	**6,513**	**$1,328,415**
GEOGRAPHIC DIVISIONS:												
New England	6,939	5,046	1,188,009	566	301	61,017	1,268	885	233,823	258	172	68,493
Middle Atlantic	34,858	42,352	7,194,715	4,703	5,873	735,099	2,676	2,465	627,842	954	1,803	409,931
East North Central	24,118	26,227	3,649,209	7,364	9,790	1,535,780	1,949	1,039	263,362	370	349	76,021
West North Central	10,582	7,346	1,036,653	3,663	3,107	375,807	691	201	40,849	83	67	18,321
South Atlantic	20,894	17,515	4,079,578	10,153	14,169	1,705,372	169	77	20,834	48	67	19,338
East South Central	11,464	5,682	1,300,818	3,113	2,412	268,735	267	273	64,286	11	3	880
West South Central	8,121	7,165	1,059,869	6,565	11,945	667,238	220	332	53,339	6	3	685
Mountain	3,881	5,014	1,020,368	2,093	8,726	1,386,459	647	230	50,047	134	107	37,556
Pacific	4,115	7,647	1,318,893	2,783	22,113	4,031,084	1,081	1,020	208,628	539	3,942	697,190
NEW ENGLAND:												
Maine	1,069	468	159,665	28	8	1,586	242	65	15,851	26	10	3,317
New Hampshire	617	225	60,155	68	12	2,374	139	79	14,826	22	6	1,318
Vermont	451	154	39,804	30	17	1,337	76	12	3,409	16	2	886
Massachusetts	2,946	2,737	633,328	252	137	26,018	641	658	178,269	154	130	55,002
Rhode Island	277	255	41,295	30	31	5,714	35	22	6,152	8	8	1,765
Connecticut	1,579	1,207	253,762	158	96	23,988	135	49	15,316	32	16	6,205
MIDDLE ATLANTIC:												
New York	15,654	30,555	4,906,249	1,194	1,091	264,007	1,879	1,810	450,032	766	1,640	338,040
New Jersey	3,248	4,079	618,495	2,327	4,231	371,428	364	399	108,260	78	116	52,840
Pennsylvania	15,956	7,718	1,669,971	1,272	551	99,664	433	256	69,550	110	47	19,051
EAST NORTH CENTRAL:												
Ohio	5,610	4,240	825,707	1,737	1,446	311,840	334	149	66,843	79	35	16,719
Indiana	2,311	1,953	250,186	1,710	4,182	498,244	128	71	20,380	10	(1)	550
Illinois	3,697	3,782	481,270	1,278	1,481	193,019	515	372	81,293	109	159	29,277
Michigan	4,510	4,297	613,265	2,174	2,347	465,489	671	344	80,067	119	101	19,073
Wisconsin	7,990	11,955	1,478,781	465	334	67,188	301	103	14,779	53	54	10,402
WEST NORTH CENTRAL:												
Minnesota	3,003	3,372	442,985	472	406	82,107	376	117	25,431	44	42	11,410
Iowa	2,249	1,562	243,493	739	876	87,995	82	15	4,097	9	(1)	192
Missouri	3,005	1,258	177,464	1,171	843	96,020	93	37	5,701	19	17	4,741
North Dakota	242	73	11,217	47	5	1,277	48	3	532	.....	.....	.....
South Dakota	404	113	19,954	105	25	3,374	22	4	578	2	(1)	60
Nebraska	872	441	65,850	236	163	17,916	46	17	3,267	5	5	378
Kansas	807	527	75,690	893	789	87,118	24	8	1,243	4	3	1,540
SOUTH ATLANTIC:												
Delaware	265	108	19,450	1,289	2,500	203,393	.....	.....	.....	1	(1)	90
Maryland	2,349	2,442	524,683	2,542	4,665	568,731	74	27	7,511	9	20	4,201
District of Columbia	75	55	11,444	44	62	14,841	14	15	3,615	1	(1)	97
Virginia	4,920	5,443	1,238,320	1,801	1,383	207,659	30	12	3,755	2	2	630
West Virginia	3,315	859	166,076	221	96	13,721	6	(1)	140	4	(1)	621
North Carolina	4,230	1,181	198,393	2,061	2,130	351,543	6	1	342	3	3	400
South Carolina	1,602	2,232	658,004	830	595	70,700	3	2	282	.....	.....	.....
Georgia	2,104	694	123,847	894	1,659	157,384	6	5	1,258	.....	.....	.....
Florida	2,034	4,501	1,139,361	471	1,079	117,400	30	15	3,931	28	42	13,299
EAST SOUTH CENTRAL:												
Kentucky	3,442	974	160,338	997	792	109,774	10	6	491	9	3	816
Tennessee	3,091	1,176	175,109	1,071	977	97,318	9	3	1,303	2	(1)	64
Alabama	2,510	1,488	440,347	664	471	43,980	6	1	237	.....	.....	.....
Mississippi	2,421	2,044	525,024	381	172	17,663	242	263	62,255	.....	.....	.....
WEST SOUTH CENTRAL:												
Arkansas	2,252	505	64,777	3,418	8,999	389,144	2	(1)	20	.....	.....	.....
Louisiana	986	1,859	205,211	221	178	22,838	155	250	31,167	.....	.....	.....
Oklahoma	1,528	472	65,773	964	675	65,814	6	2	443	1	1	200
Texas	3,355	4,329	724,108	1,962	2,093	189,442	57	80	21,709	5	2	485
MOUNTAIN:												
Montana	426	195	62,391	75	17	5,466	100	30	5,830	6	(1)	345
Idaho	495	185	56,284	142	94	19,504	126	35	6,192	9	(1)	535
Wyoming	132	31	6,330	29	8	2,176	43	3	340	7	(1)	80
Colorado	1,673	3,772	745,127	644	4,007	691,230	218	103	24,256	88	97	31,907
New Mexico	552	377	56,828	528	1,022	142,481	13	9	2,156	6	4	2,890
Arizona	190	163	31,128	328	3,300	465,739	9	10	1,191	1	(1)	48
Utah	350	273	58,435	312	240	52,743	134	39	9,837	16	5	1,576
Nevada	63	18	3,845	35	38	7,120	4	1	245	1	1	175
PACIFIC:												
Washington	1,304	1,241	237,124	293	512	110,220	490	266	62,555	58	86	22,554
Oregon	1,172	984	128,111	189	131	25,174	271	174	25,731	91	188	33,475
California	1,639	5,422	953,658	2,301	21,470	3,895,690	320	580	120,342	390	3,668	641,161

[1] Less than 1 acre, or reported in small fractions.

TABLE 100.—VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919—Continued.

DIVISION AND STATE.	CELERY.			CORN (POP).			CORN (SWEET).			CUCUMBERS.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States	**11,449**	**20,148**	**$9,462,277**	**5,914**	**50,778**	**$3,158,504**	**103,784**	**271,584**	**$17,297,561**	**70,066**	**51,643**	**$8,579,102**
GEOGRAPHIC DIVISIONS:												
New England	919	1,206	703,336	144	118	23,994	14,862	23,889	3,070,594	3,906	1,725	480,095
Middle Atlantic	4,267	5,611	2,487,251	515	437	48,990	32,476	66,792	5,097,971	14,373	8,760	1,446,335
East North Central	2,786	5,206	2,016,769	1,562	4,904	343,887	24,455	81,367	3,906,180	25,490	21,074	2,817,820
West North Central	628	206	82,382	2,879	43,344	2,584,889	10,096	41,029	1,623,622	6,441	2,291	308,591
South Atlantic	961	1,402	2,030,738	16	25	2,006	11,912	43,800	2,372,556	9,107	9,908	2,274,767
East South Central	246	34	12,267	115	58	3,346	1,805	2,839	180,912	3,514	1,681	193,106
West South Central	279	107	24,326	283	213	11,750	1,861	2,523	164,098	3,359	1,896	282,144
Mountain	621	752	411,858	268	1,128	100,220	2,271	1,783	172,396	2,106	1,867	363,397
Pacific	742	5,624	1,693,350	132	551	39,422	4,046	7,562	709,232	1,770	2,441	412,847
NEW ENGLAND:												
Maine	65	25	10,218	15	6	1,180	6,712	11,316	1,554,800	901	160	42,108
New Hampshire	68	11	5,710	26	10	3,460	1,072	1,247	127,696	441	76	16,459
Vermont	57	9	6,964	41	40	6,213	590	1,123	79,073	257	58	9,992
Massachusetts	470	942	570,882	40	44	11,716	4,162	5,987	836,192	1,632	1,162	351,978
Rhode Island	33	25	12,602	2	4	400	497	756	75,783	131	72	19,323
Connecticut	226	194	96,960	11	14	1,025	1,829	3,460	397,050	544	197	40,235
MIDDLE ATLANTIC:												
New York	1,772	3,288	1,623,684	429	394	42,264	10,681	28,965	2,028,617	5,793	4,840	821,621
New Jersey	453	944	367,527	.....	.....	.....	4,624	15,572	1,317,821	1,593	1,995	233,475
Pennsylvania	2,042	1,379	496,040	86	43	6,726	17,171	22,255	1,751,533	6,987	1,925	391,239
EAST NORTH CENTRAL:												
Ohio	781	1,290	606,397	321	551	61,303	9,712	27,902	1,590,479	3,521	1,989	382,950
Indiana	203	139	46,394	136	766	24,483	3,066	10,101	488,257	161	1,685	218,033
Illinois	334	251	89,633	263	1,663	142,080	4,263	26,643	1,055,497	2,645	2,418	451,608
Michigan	1,218	3,343	1,212,527	697	1,745	103,010	4,999	9,944	483,479	11,813	10,351	1,176,686
Wisconsin	250	183	61,818	145	179	13,011	2,415	6,777	288,468	7,350	4,631	588,543
WEST NORTH CENTRAL:												
Minnesota	138	80	44,576	130	215	20,891	1,945	4,853	250,955	2,165	784	134,717
Iowa	110	19	6,398	1,871	32,642	2,101,286	4,494	28,595	1,012,771	1,026	419	42,605
Missouri	201	65	18,552	121	390	15,772	1,561	1,820	117,442	1,456	713	82,198
North Dakota	74	15	4,718	4	4	705	177	116	8,267	496	82	10,230
South Dakota	12	5	836	102	1,508	88,006	206	208	13,162	233	39	4,127
Nebraska	45	9	2,777	462	7,814	311,822	688	3,804	122,313	421	112	13,017
Kansas	48	13	4,525	189	771	46,407	1,025	1,633	98,712	644	142	21,697
SOUTH ATLANTIC:												
Delaware	53	52	15,052	.....	.....	.....	568	2,976	134,246	649	525	68,030
Maryland	210	64	23,730	.....	.....	.....	5,924	34,778	1,766,229	1,477	1,235	196,715
District of Columbia	11	4	1,439	.....	.....	.....	72	100	10,209	18	6	1,039
Virginia	101	28	6,591	4	1	245	1,486	1,970	150,021	1,393	1,118	240,748
West Virginia	134	15	5,424	1	(1)	15	1,788	1,227	105,739	1,188	245	32,806
North Carolina	58	9	1,989	3	4	295	835	908	65,358	1,040	652	129,942
South Carolina	20	2	560	2	3	352	198	239	15,923	636	1,324	193,428
Georgia	23	3	424	6	17	1,099	444	955	60,132	499	254	22,394
Florida	351	1,225	1,975,529	.....	.....	.....	597	647	64,699	2,207	4,549	1,389,665
EAST SOUTH CENTRAL:												
Kentucky	110	15	6,754	39	11	1,316	818	1,385	77,461	1,295	550	60,736
Tennessee	64	12	3,400	68	43	1,680	464	1,135	80,185	889	167	19,638
Alabama	37	(1)	1,112	5	1	170	355	255	17,982	848	730	101,812
Mississippi	35	7	1,001	3	3	180	168	64	5,284	482	234	10,920
WEST SOUTH CENTRAL:												
Arkansas	84	10	2,606	29	16	882	463	269	17,309	746	152	14,797
Louisiana	27	59	13,642	46	6	245	234	933	73,428	503	568	119,404
Oklahoma	50	4	694	87	103	7,111	537	505	25,959	605	91	10,398
Texas	118	34	7,384	121	88	3,512	627	816	47,402	1,505	1,085	137,545
MOUNTAIN:												
Montana	33	8	5,940	7	9	392	332	240	29,814	248	46	11,402
Idaho	55	46	41,039	47	244	16,238	478	299	26,105	313	46	7,983
Wyoming	11	2	440	.....	.....	.....	75	38	4,318	68	12	2,321
Colorado	403	556	307,866	125	727	74,114	782	701	67,733	988	1,589	238,392
New Mexico	44	26	9,041	77	139	8,061	153	91	7,272	125	19	4,028
Arizona	10	9	1,805	6	2	147	131	191	15,569	77	60	83,775
Utah	58	104	44,858	6	7	1,268	283	206	19,639	274	93	15,217
Nevada	7	1	869	.....	.....	.....	37	17	1,946	13	2	279
PACIFIC:												
Washington	143	159	88,291	30	83	6,999	1,287	1,477	163,754	503	307	51,440
Oregon	82	114	86,977	25	60	3,043	795	826	86,253	406	348	47,975
California	517	5,351	1,518,082	77	408	29,380	1,964	5,259	459,225	861	1,786	313,432

[1] Less than 1 acre, or reported in small fractions.

TABLE 100.—VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919—Continued.

DIVISION AND STATE.	EGGPLANT.			HORSE-RADISH.			KALE.			LETTUCE.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States	**1,500**	**1,712**	**$491,321**	**502**	**922**	**$205,767**	**474**	**1,193**	**$241,415**	**20,463**	**21,544**	**$8,535,092**
GEOGRAPHIC DIVISIONS:												
New England	14	10	3,099	15	32	9,378	14	24	7,347	1,630	941	841,564
Middle Atlantic	594	759	180,300	87	195	44,428	60	84	13,529	4,826	5,322	2,428,544
East North Central	176	87	21,714	138	206	50,608	47	43	5,493	3,337	1,736	715,344
West North Central	107	33	7,049	239	447	94,633	12	27	1,138	2,218	846	241,018
South Atlantic	353	654	230,315	4	6	1,080	247	896	202,908	2,785	3,984	1,976,878
East South Central	29	24	4,211	1	1	300	69	92	8,577	1,064	226	57,819
West South Central	124	79	20,493	1	(1)	12	3	4	950	1,621	1,155	226,377
Mountain	27	7	2,437	9	15	1,121	1	(1)	200	977	601	176,270
Pacific	76	59	21,703	8	20	4,207	21	23	1,273	2,005	6,733	1,871,278
NEW ENGLAND:												
Maine				1	5	225	1	(1)	15	238	52	21,816
New Hampshire	1	(1)	22	1	(1)	4				141	26	6,885
Vermont										68	6	3,615
Massachusetts	6	6	2,228	7	11	2,354	11	24	7,167	810	673	711,998
Rhode Island	1	(1)	6							85	27	32,875
Connecticut	6	4	843	6	16	6,795	2	(1)	165	288	157	64,375
MIDDLE ATLANTIC:												
New York	66	36	8,823	33	77	12,707	22	46	7,531	1,991	3,392	1,467,950
New Jersey	452	702	165,131	20	88	23,614	16	19	3,138	694	1,123	699,864
Pennsylvania	76	21	6,346	25	30	8,107	22	19	2,860	2,141	807	260,730
EAST NORTH CENTRAL:												
Ohio	53	24	9,671	17	14	6,532	16	13	1,788	857	464	242,127
Indiana	8	2	703	4	10	1,766	21	23	2,148	474	149	61,321
Illinois	55	38	7,169	77	123	29,501	2	1	227	1,056	633	238,904
Michigan	50	21	3,625	27	44	10,279	7	6	1,310	647	412	143,948
Wisconsin	10	2	546	13	15	2,530	1	(1)	20	303	78	29,044
WEST NORTH CENTRAL:												
Minnesota	27	9	2,333	3	(1)	47				357	149	57,449
Iowa	16	(1)	344	4	89	9,170	1	20	500	392	86	33,788
Missouri	48	21	3,343	224	346	82,754	9	6	528	936	470	109,314
North Dakota										66	15	1,931
South Dakota							1	(1)	10	36	4	795
Nebraska	5	(1)	130							133	23	5,338
Kansas	11	3	899	8	12	2,662	1	1	100	298	99	32,403
SOUTH ATLANTIC:												
Delaware							6	2	249	35	16	5,137
Maryland	48	38	11,850	3	4	830	68	139	12,842	500	307	87,711
District of Columbia	10	13	2,046				11	19	2,707	63	41	12,774
Virginia	10	36	11,420				140	721	184,731	363	187	77,060
West Virginia	4	1	929				10	11	1,502	418	53	16,167
North Carolina							8	4	697	283	258	112,581
South Carolina	2	1	120							129	428	231,650
Georgia	6	3	505				1	(1)	15	138	30	13,115
Florida	273	562	203,445	1	2	250	3	(1)	165	856	2,664	1,420,683
EAST SOUTH CENTRAL:												
Kentucky	2	(1)	31	1	1	300	54	76	6,968	512	74	28,183
Tennessee	10	17	2,547				2	3	350	252	54	14,725
Alabama	9	3	873				8	12	1,210	144	49	10,821
Mississippi	8	4	760				5	1	49	156	49	4,090
WEST SOUTH CENTRAL:												
Arkansas	5	1	316				2	1	150	316	21	4,476
Louisiana	76	44	13,717				1	3	800	369	781	132,198
Oklahoma	2	(1)	5	1	(1)	12				359	38	6,593
Texas	41	34	6,455							577	315	83,110
MOUNTAIN:												
Montana										84	11	6,485
Idaho	4	(1)	79	4	(1)	285				171	27	15,094
Wyoming										54	1	326
Colorado	11	5	1,622	5	15	836				384	222	68,302
New Mexico	2	1	200							106	30	6,854
Arizona	3	(1)	245				1	(1)	200	69	284	72,405
Utah	7	1	291							93	22	6,170
Nevada										16	4	634
PACIFIC:												
Washington	8	11	2,338	2	1	210	2	(1)	14	348	489	144,041
Oregon	12	3	1,792	6	19	3,997	11	4	619	248	123	35,668
California	56	45	17,573				8	19	640	1,409	6,121	1,691,569

[1] Less than 1 acre, or reported in small fractions.

TABLE 100.—VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919—Continued.

DIVISION AND STATE.	MUSHROOMS.		OKRA (GUMBO).			ONIONS (DRY).			ONIONS (GREEN).		
	Farms reporting.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States	52	$319,911	1,071	986	$117,175	76,609	64,338	$21,387,221	459	340	$113,670
GEOGRAPHIC DIVISIONS:											
New England	1	272	1	(1)	3	3,925	5,079	2,514,754	6	2	577
Middle Atlantic	22	285,644	21	57	11,426	15,804	11,494	4,101,568	123	108	31,081
East North Central	14	30,729	12	6	558	14,470	18,044	4,977,552	155	117	43,669
West North Central	10	2,291	23	9	1,212	8,840	4,472	1,484,405	47	20	5,201
South Atlantic	1	30	543	296	45,801	11,032	2,754	662,822	27	25	4,300
East South Central	1	20	175	170	16,070	10,181	2,622	530,441	39	18	5,461
West South Central			282	440	39,428	7,057	8,239	2,933,061	6	6	2,160
Mountain	2	725	5	1	415	2,646	1,413	528,704	24	20	7,733
Pacific	1	200	9	7	2,262	3,154	10,221	3,653,914	32	24	13,488
NEW ENGLAND:											
Maine						314	99	28,684			
New Hampshire						273	77	18,922	2	1	172
Vermont						293	87	30,014	2	1	225
Massachusetts			1	(1)	3	2,059	4,411	2,299,939	1	(1)	30
Rhode Island						156	48	22,465			
Connecticut	1	272				830	357	114,730	1	(1)	150
MIDDLE ATLANTIC:											
New York	1	360				5,490	7,500	2,804,153	42	28	8,010
New Jersey			21	57	11,426	1,660	2,513	832,235	23	38	8,954
Pennsylvania	21	285,284				8,154	1,481	465,180	58	42	14,117
EAST NORTH CENTRAL:											
Ohio	1	500				3,407	5,713	2,134,346	72	34	17,318
Indiana	3	1,229	1	(1)	14	2,380	4,191	1,067,866	23	13	5,563
Illinois	6	8,690	10	5	452	3,710	4,499	855,346	21	26	5,959
Michigan	2	20,250	1	1	92	2,806	2,154	536,151	28	42	13,670
Wisconsin	2	60				2,167	1,487	383,843	11	2	1,159
WEST NORTH CENTRAL:											
Minnesota	2	500				2,400	1,734	609,385	8	2	925
Iowa	3	101				1,682	1,554	600,146	4	5	1,539
Missouri	5	1,690	16	6	962	2,534	495	111,951	33	12	2,432
North Dakota						309	51	15,628			
South Dakota						252	77	17,032			
Nebraska						558	217	50,797			
Kansas			7	3	250	1,105	344	79,466	2	1	305
SOUTH ATLANTIC:											
Delaware						83	24	5,946			
Maryland						1,070	326	66,492	3	6	445
District of Columbia			3	1	254	35	12	2,273	11	13	1,842
Virginia						3,519	1,292	383,946	1	(1)	20
West Virginia						2,774	424	87,770	2	(1)	16
North Carolina			24	4	1,350	1,827	302	37,932	3	(1)	67
South Carolina			247	84	13,958	330	61	8,444			
Georgia			91	60	10,512	825	159	29,033	4	2	370
Florida	1	30	178	147	19,727	569	154	40,986	3	4	1,540
EAST SOUTH CENTRAL:											
Kentucky	1	20	9	1	251	5,179	1,783	413,392	34	17	4,951
Tennessee			43	18	2,855	3,295	572	86,397	5	1	510
Alabama			91	145	12,001	942	151	19,485			
Mississippi			32	6	963	765	116	11,167			
WEST SOUTH CENTRAL:											
Arkansas			20	4	600	1,761	222	26,661	2	2	910
Louisiana			128	332	26,309	1,004	1,428	209,023	3	3	650
Oklahoma			10	2	263	1,543	336	43,330			
Texas			124	102	12,256	2,749	6,253	2,654,047	1	1	600
MOUNTAIN:											
Montana						238	81	23,423	3	3	2,600
Idaho						411	131	54,714	4	(1)	32
Wyoming						93	20	5,513			
Colorado	1	600				797	751	315,534	12	4	698
New Mexico			2	(1)	15	498	170	30,049	2	1	203
Arizona			3	1	400	117	71	19,130			
Utah	1	125				453	175	77,166	3	12	4,200
Nevada						39	14	3,175			
PACIFIC:											
Washington						978	856	415,527	19	15	11,874
Oregon						604	853	420,193	3	1	89
California	1	200	9	7	2,262	1,482	8,512	2,818,194	10	8	1,525

[1] Less than 1 acre, or reported in small fractions.

TABLE 100.—VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919—Continued.

DIVISION AND STATE.	PARSLEY.			PARSNIPS.			PEAS (GREEN).			PEPPERS (GREEN).		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States	**438**	**393**	**$107,303**	**1,575**	**845**	**$244,435**	**49,632**	**103,686**	**$7,164,988**	**7,605**	**15,290**	**$3,079,285**
GEOGRAPHIC DIVISIONS:												
New England	17	7	1,210	264	159	70,631	4,418	1,594	277,269	202	234	51,346
Middle Atlantic	158	136	57,960	337	203	48,494	12,513	23,108	1,518,109	2,842	5,685	947,480
East North Central	109	56	14,395	337	177	42,143	11,244	50,609	2,629,380	1,120	842	166,537
West North Central	13	6	1,741	186	89	27,793	2,877	1,009	108,338	432	249	43,644
South Atlantic	46	21	11,210	60	26	4,667	7,319	11,525	855,586	953	2,280	908,270
East South Central	6	(1)	195	12	6	1,330	3,721	2,267	249,588	176	131	25,152
West South Central	70	137	16,349	13	6	2,990	2,896	1,250	88,207	447	297	61,455
Mountain	7	3	1,353	129	41	12,446	2,061	3,395	236,490	925	675	108,542
Pacific	12	27	2,890	237	138	33,941	2,583	8,929	1,202,021	508	4,897	766,859
NEW ENGLAND:												
Maine	3	(1)	51	32	8	1,640	1,301	385	65,827	3	1	206
New Hampshire	3	1	321	23	3	2,209	535	114	20,499	2	(1)	33
Vermont				9	1	405	248	46	8,211	3	(1)	61
Massachusetts	8	6	802	162	137	60,048	1,529	622	118,824	79	56	21,035
Rhode Island				5	(1)	275	186	137	13,864	42	90	10,930
Connecticut	3	(1)	36	33	10	6,054	619	290	50,044	73	87	19,081
MIDDLE ATLANTIC:												
New York	84	92	30,588	173	149	32,500	6,386	17,440	968,231	297	183	41,708
New Jersey	47	37	23,360	22	11	3,010	2,218	4,241	376,549	2,355	5,416	883,654
Pennsylvania	27	7	4,012	142	43	12,984	3,909	1,427	173,329	190	86	22,118
EAST NORTH CENTRAL:												
Ohio	42	15	5,191	84	29	12,691	1,730	2,777	193,531	429	282	69,636
Indiana	8	1	482	31	18	4,173	942	2,313	138,537	104	53	8,029
Illinois	38	26	5,369	128	83	16,856	1,453	1,755	156,544	343	339	48,696
Michigan	17	13	3,209	74	41	7,357	2,318	7,022	280,373	199	118	29,087
Wisconsin	4	1	144	20	6	1,066	4,801	36,742	1,860,395	45	50	11,089
WEST NORTH CENTRAL:												
Minnesota	3	3	771	64	36	17,431	583	448	34,223	97	62	14,428
Iowa	3	(1)	18	31	6	1,894	604	123	18,965	51	30	4,896
Missouri	5	2	812	34	14	2,796	895	192	28,104	208	122	14,351
North Dakota				5	1	487	115	32	3,302			
South Dakota							63	11	766	1	(1)	10
Nebraska				17	8	1,593	161	36	4,822	25	6	2,944
Kansas	2	1	140	35	24	3,592	456	167	18,156	50	29	7,015
SOUTH ATLANTIC:												
Delaware							708	2,145	102,958	2	2	104
Maryland	13	3	1,759	31	19	3,428	2,051	6,281	431,596	75	47	6,624
District of Columbia	7	2	2,125	9	6	884	35	33	3,908	2	5	458
Virginia	9	5	5,567	4	1	116	1,494	1,232	118,028	19	8	2,758
West Virginia				12	(1)	150	596	109	15,942	28	12	3,539
North Carolina	1	(1)	90	1	(1)	7	774	439	48,829	68	26	8,641
South Carolina				1	(1)	32	389	245	23,295	15	2	664
Georgia				1	(1)	35	634	446	23,534	26	176	84,371
Florida	16	11	1,669	1	(1)	15	638	595	87,496	718	2,002	801,111
EAST SOUTH CENTRAL:												
Kentucky				11	6	1,328	1,087	461	35,471	66	27	4,554
Tennessee	3	(1)	121	1	(1)	2	824	499	46,209	47	33	6,185
Alabama	3	(1)	74				758	422	26,660	28	12	5,107
Mississippi							1,052	885	141,248	35	59	9,306
WEST SOUTH CENTRAL:												
Arkansas				3	(1)	14	800	368	16,044	25	6	1,365
Louisiana	68	136	15,940	1	4	2,500	289	149	16,725	96	66	22,413
Oklahoma				5	1	377	486	92	7,023	46	20	3,822
Texas	2	1	409	4	1	99	1,321	641	48,415	280	205	33,855
MOUNTAIN:												
Montana				10	2	821	146	37	5,701	8	5	1,530
Idaho	1	(1)	30	15	1	441	309	68	10,738	6	1	527
Wyoming	1	(1)	10	2	(1)	8	75	5	942	1	(1)	5
Colorado	4	3	1,263	70	33	8,277	501	741	48,123	119	44	9,290
New Mexico				5	1	711	176	90	9,547	715	551	80,629
Arizona	1	(1)	50	3	(1)	36	43	16	2,611	55	66	14,291
Utah				23	4	2,112	791	2,434	158,177	21	8	2,270
Nevada				1	(1)	40	20	4	651			
PACIFIC:												
Washington	3	1	170	121	54	15,659	735	498	101,666	39	17	10,593
Oregon				82	36	8,468	397	185	27,747	26	10	2,526
California	9	26	2,720	34	48	9,814	1,451	8,246	1,072,608	443	4,870	753,740

[1] Less than 1 acre, or reported in small fractions.

TABLE 100.—VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919—Continued.

DIVISION AND STATE.	PUMPKINS.			RADISHES.			RHUBARB.			RUTABAGAS.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States	**1,674**	**3,056**	**$137,626**	**1,087**	**2,014**	**$437,286**	**2,263**	**2,394**	**$673,113**	**858**	**837**	**$113,741**
GEOGRAPHIC DIVISIONS:												
New England	73	58	3,154	77	64	20,614	145	148	63,810	69	33	6,545
Middle Atlantic	349	636	32,178	390	307	73,565	452	462	148,049	70	61	8,725
East North Central	244	309	15,342	530	411	110,904	604	662	174,340	242	208	26,231
West North Central	242	439	17,377	325	157	40,217	409	202	53,035	211	201	28,582
South Atlantic	118	124	6,943	82	102	18,144	61	72	19,721	120	143	16,259
East South Central	20	10	446	128	401	92,894	88	50	12,900	8	2	681
West South Central	65	41	3,679	245	192	24,008	42	23	5,636	3	4	175
Mountain	258	257	14,955	103	25	9,343	91	24	5,204	83	72	7,690
Pacific	307	1,182	43,552	107	355	47,507	371	751	190,418	52	113	18,853
NEW ENGLAND:												
Maine	24	19	784	6	2	504	12	3	427	53	30	5,512
New Hampshire	7	3	108	1	(1)	50	6	2	683			
Vermont	11	11	347	6	(1)	344	11	2	503	4	1	163
Massachusetts	24	15	1,395	46	48	14,416	93	113	51,650	10	2	824
Rhode Island				3	5	3,430	5	5	1,917			
Connecticut	7	10	520	15	9	1,870	18	23	8,630	2	(1)	46
MIDDLE ATLANTIC:												
New York	141	160	5,568	174	149	37,436	181	208	61,592	22	16	1,723
New Jersey	139	429	22,550	60	85	21,393	105	174	62,942	4	3	237
Pennsylvania	69	47	4,060	156	73	14,736	166	80	23,515	44	42	6,765
EAST NORTH CENTRAL:												
Ohio	47	84	4,577	121	74	25,175	144	120	44,503	1	(1)	25
Indiana	62	67	2,837	61	25	5,855	83	37	6,768			
Illinois	51	112	4,855	176	149	44,726	245	346	74,288	7	8	1,210
Michigan	71	42	2,823	135	133	27,732	117	156	48,354	46	25	3,971
Wisconsin	13	4	250	37	30	7,416	15	3	427	188	175	21,025
WEST NORTH CENTRAL:												
Minnesota	44	18	1,591	94	55	16,866	66	43	7,429	191	185	25,309
Iowa	76	258	9,173	68	22	5,762	40	14	3,659	8	7	1,011
Missouri	35	18	1,206	76	44	9,421	143	44	10,217	1	6	1,700
North Dakota	12	3	114	6	1	224	7	(1)	105	6	(1)	103
South Dakota	17	(1)	162	8	(1)	69	2	(1)	11	3	1	59
Nebraska	28	122	3,602	24	10	2,081	15	6	1,484	2	2	400
Kansas	30	20	1,529	49	25	5,794	136	95	30,130			
SOUTH ATLANTIC:												
Delaware	6	27	394	3	(1)	39	1	(1)	13			
Maryland	11	2	387	22	9	1,337	22	31	11,620	2	4	700
District of Columbia				6	7	888	3	1	675			
Virginia	9	6	359	22	68	11,915	9	29	4,130	98	131	14,246
West Virginia	71	68	4,406	13	4	1,086	16	5	1,979	2	(1)	80
North Carolina	9	3	346				3	(1)	111	4	3	505
South Carolina				3	11	2,115	1	4	800			
Georgia				2	1	130	3	1	73	3	1	150
Florida	12	18	1,051	11	2	634	3	1	320	11	4	578
EAST SOUTH CENTRAL:												
Kentucky	11	5	205	15	4	820	63	32	10,119			
Tennessee	8	5	229	7	(1)	60	24	18	2,778	1	(1)	200
Alabama	1	(1)	12	48	110	12,662	1	(1)	3	5	2	425
Mississippi				58	287	79,352				2	(1)	56
WEST SOUTH CENTRAL:												
Arkansas	3	2	75	122	90	10,912	14	8	1,428			
Louisiana	3	2	75	44	41	5,347	1	1	100	1	2	50
Oklahoma	16	4	378	34	7	1,111	27	14	4,108	1	(1)	25
Texas	41	33	3,151	45	54	6,728				1	2	100
MOUNTAIN:												
Montana	11	1	292	10	1	413	19	3	566	32	12	2,076
Idaho	10	(1)	214	13	(1)	397	10	(1)	457	8	27	699
Wyoming	5	4	212	2	1	130	2	(1)	30	3	(1)	26
Colorado	61	109	3,980	43	13	4,235	37	15	2,209	39	32	4,849
New Mexico	129	93	5,647	10	3	1,359	9	1	287	1	1	40
Arizona	32	45	3,856	3	2	475						
Utah	7	3	644	21	5	2,134	12	5	1,623			
Nevada	3	2	110	1	(1)	200	2	(1)	32			
PACIFIC:												
Washington	27	32	3,651	43	54	14,431	152	110	33,692	42	105	17,719
Oregon	23	18	871	24	19	3,326	54	27	7,936	8	4	484
California	257	1,132	39,030	40	282	29,750	165	614	148,790	2	4	650

[1] Less than 1 acre, or reported in small fractions.

TABLE 100.—VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919—Continued.

DIVISION AND STATE.	SALSIFY (VEGETABLE OYSTER).			SPINACH.			SQUASHES.			TOMATOES.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States	82	41	$12,386	2,343	10,027	$1,715,869	5,402	5,370	$685,245	170,693	316,399	$38,675,498
GEOGRAPHIC DIVISIONS:												
New England	2	2	1,190	235	354	106,628	1,293	1,388	232,174	5,301	3,348	928,853
Middle Atlantic	26	12	4,619	447	1,157	242,306	984	580	69,775	31,816	58,451	7,722,021
East North Central	18	6	1,199	288	291	48,324	875	691	62,849	31,447	43,223	6,127,358
West North Central	7	1	305	220	204	24,446	442	415	32,059	19,119	16,400	2,055,334
South Atlantic	20	17	3,717	471	4,002	793,366	340	340	50,153	43,114	126,152	11,966,375
East South Central	4	1	335	112	79	8,513	81	114	17,048	17,577	18,777	3,206,927
West South Central	1	1	125	200	1,302	137,401	132	88	13,061	11,207	10,245	1,618,577
Mountain	1	(1)	5	49	78	13,121	625	430	52,529	4,844	6,803	1,005,706
Pacific	3	1	891	321	2,560	341,764	630	1,324	155,597	6,268	33,000	4,044,345
NEW ENGLAND:												
Maine				13	10	1,720	274	221	29,387	583	132	35,824
New Hampshire				15	15	5,334	119	50	15,734	515	134	40,149
Vermont				4	1	176	110	45	7,767	255	66	17,864
Massachusetts	2	2	1,190	152	255	79,845	735	1,052	175,743	2,361	1,743	483,918
Rhode Island				13	14	4,176	12	6	1,133	296	223	61,819
Connecticut				38	59	15,377	43	14	2,410	1,291	1,050	289,279
MIDDLE ATLANTIC:												
New York	15	6	2,140	203	524	93,045	690	381	47,098	9,388	13,417	2,378,858
New Jersey	5	3	2,048	150	471	126,240	140	152	16,726	8,405	36,986	3,803,193
Pennsylvania	6	3	431	94	162	23,021	154	47	5,951	14,023	8,048	1,539,970
EAST NORTH CENTRAL:												
Ohio	8	3	830	87	105	13,514	174	146	14,103	9,508	10,870	2,154,259
Indiana	1	(1)	60	25	12	2,195	20	6	709	8,469	20,790	1,990,374
Illinois	4	1	132	115	124	18,430	97	171	15,139	5,899	6,282	1,052,088
Michigan	2	2	125	37	33	12,455	480	321	28,721	5,388	4,074	706,215
Wisconsin	3	(1)	52	24	17	1,730	104	47	4,177	2,183	1,207	224,422
WEST NORTH CENTRAL:												
Minnesota	1	(1)	150	45	19	4,793	162	171	12,797	1,975	730	180,470
Iowa	3	(1)	40	6	1	270	111	42	4,525	3,147	2,620	303,104
Missouri	3	1	115	143	172	17,598	23	14	1,352	7,719	10,346	1,099,618
North Dakota							14	(1)	160	256	39	8,976
South Dakota				1	(1)	45	30	8	1,060	492	111	26,767
Nebraska				3	1	105	52	168	10,157	1,593	687	95,136
Kansas				22	11	1,635	50	12	2,008	3,937	1,867	341,263
SOUTH ATLANTIC:												
Delaware				7	4	427	2	1	25	6,243	22,797	1,213,575
Maryland	8	6	1,951	243	2,061	238,937	47	36	4,234	13,615	58,083	4,286,591
District of Columbia	4	8	826	9	9	2,553	6	25	2,286	96	131	22,063
Virginia	6	2	890	188	1,906	544,649	58	100	14,013	10,924	22,380	1,689,686
West Virginia				3	2	805	8	1	198	3,448	2,257	301,920
North Carolina				7	2	1,115	24	2	879	2,214	683	119,079
South Carolina							30	8	1,285	1,138	534	71,236
Georgia	2	1	50	9	16	4,002	69	54	4,927	1,740	1,198	158,296
Florida				5	2	878	96	113	22,306	3,696	18,089	4,103,929
EAST SOUTH CENTRAL:												
Kentucky	3	1	235	80	50	6,276	14	3	690	4,818	3,690	378,123
Tennessee	1	(1)	100	18	22	1,495	29	99	14,844	7,020	7,981	901,182
Alabama				10	7	670	22	9	1,185	2,069	1,143	132,412
Mississippi				4	(1)	72	16	3	329	3,670	5,963	1,795,210
WEST SOUTH CENTRAL:												
Arkansas				2	3	381	9	1	222	2,640	2,627	173,182
Louisiana				48	67	7,862	32	20	3,863	509	482	59,928
Oklahoma				5	2	265	5	1	88	2,742	1,222	175,911
Texas	1	1	125	145	1,230	128,893	86	66	8,888	5,316	5,914	1,209,556
MOUNTAIN:												
Montana				5	7	2,036	55	14	3,153	316	66	26,648
Idaho	1	(1)	5	2	1	1,030	58	16	2,214	522	208	38,584
Wyoming							10	3	251	76	20	5,212
Colorado				24	15	2,236	251	221	20,320	1,667	2,363	346,490
New Mexico				6	25	4,649	72	67	4,056	391	373	39,595
Arizona				9	28	2,860	50	29	8,228	227	113	27,483
Utah				3	2	310	127	79	14,227	1,601	3,648	518,162
Nevada							2	1	80	44	12	3,532
PACIFIC:												
Washington				76	103	21,905	178	219	27,786	1,188	863	287,222
Oregon	2	(1)	91	29	56	6,972	141	163	20,007	932	727	178,008
California	1	1	800	216	2,401	312,887	311	942	107,804	4,148	31,410	3,579,115

[1] Less than 1 acre, or reported in small fractions.

TABLE 100.—VEGETABLES RAISED FOR SALE—ACREAGE AND VALUE OF SPECIFIED VEGETABLES, WITH NUMBER OF FARMS REPORTING, BY DIVISIONS AND STATES: 1919—Continued.

DIVISION AND STATE.	TURNIPS.			WATERMELONS.			ALL OTHER VEGETABLES.			MIXED VEGETABLES.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States	**5,088**	**4,056**	**$543,071**	**73,083**	**159,088**	**$10,466,133**	**4,544**	**6,333**	**$1,241,205**	**16,389**	**36,339**	**$8,154,177**
GEOGRAPHIC DIVISIONS:												
New England	1,476	826	100,771	234	110	19,654	1,211	230	48,862	1,088	2,288	644,49[illegible]
Middle Atlantic	861	994	122,350	1,985	2,387	215,119	319	264	111,462	3,562	11,659	3,400,538
East North Central	383	299	33,882	6,222	10,701	1,019,280	703	351	89,916	2,024	4,630	921,671
West North Central	292	184	16,965	7,543	18,235	1,383,455	383	145	25,213	2,117	3,019	475,506
South Atlantic	643	540	65,598	21,694	67,464	3,875,113	361	211	34,783	1,788	3,542	551,200
East South Central	441	293	31,400	12,277	13,073	990,848	752	361	32,192	801	1,370	219,608
West South Central	363	338	25,911	18,144	35,686	1,863,195	535	576	79,976	2,547	3,229	411,410
Mountain	311	194	30,294	2,734	3,407	404,052	162	62	19,167	1,490	2,472	453,838
Pacific	318	388	55,900	2,250	8,035	695,417	118	4,133	799,634	972	4,130	1,075,909
NEW ENGLAND:												
Maine	367	147	28,711	13	6	929	37	40	6,614	199	253	45,413
New Hampshire	98	34	5,030	30	4	851	1,030	10	1,871	209	219	41,397
Vermont	84	17	4,029	17	6	830	21	4	1,756	83	67	14,687
Massachusetts	514	375	73,733	85	45	8,018	92	144	27,681	312	777	239,747
Rhode Island	113	56	12,188	11	14	1,096	19	17	7,075	25	86	15,374
Connecticut	300	197	37,080	78	35	7,930	12	15	3,865	260	886	287,879
MIDDLE ATLANTIC:												
New York	479	446	51,739	307	201	29,652	109	62	28,213	1,694	5,862	2,080,065
New Jersey	182	438	57,166	977	1,759	127,042	130	151	70,080	661	2,612	598,973
Pennsylvania	200	110	13,445	701	427	58,425	80	51	13,169	1,207	3,185	721,500
EAST NORTH CENTRAL:												
Ohio	114	99	11,947	1,004	1,009	141,000	380	221	54,312	293	615	114,422
Indiana	40	38	6,144	2,050	4,850	446,902	100	49	7,110	229	913	177,222
Illinois	92	50	3,809	1,520	3,852	289,605	119	50	15,403	779	1,702	388,035
Michigan	128	107	11,485	1,252	727	101,444	63	26	11,718	300	489	84,055
Wisconsin	9	5	497	396	263	40,329	41	5	1,373	423	911	157,937
WEST NORTH CENTRAL:												
Minnesota	21	7	873	396	154	23,847	53	1	919	447	493	113,968
Iowa	11	6	457	1,356	3,475	279,721	73	34	5,009	281	479	65,886
Missouri	191	102	7,631	2,744	9,249	615,696	117	53	10,956	427	791	115,587
North Dakota	5	1	73	170	74	5,346	26	(1)	308	329	399	38,989
South Dakota	2	(1)	23	254	147	21,933	10	3	362	151	90	16,434
Nebraska	7	4	327	673	736	79,881	35	29	2,556	157	246	28,813
Kansas	55	64	7,581	1,950	4,400	357,031	69	25	5,103	325	521	95,829
SOUTH ATLANTIC:												
Delaware	5	2	257	536	1,747	82,676	16	27	1,471	3	9	1,468
Maryland	147	188	16,256	1,098	3,005	221,743	39	28	3,182	236	395	47,817
District of Columbia	5	7	1,982	12	7	747	7	7	3,756	11	15	1,650
Virginia	81	55	7,266	3,030	4,730	415,791	56	30	5,734	328	1,278	188,468
West Virginia	24	3	797	376	466	50,971	45	6	1,756	144	130	26,265
North Carolina	62	32	2,970	3,972	5,983	414,762	36	3	1,266	521	521	68,683
South Carolina	50	86	7,423	3,881	7,779	394,461	12	11	563	84	262	20,529
Georgia	131	111	17,883	6,396	29,091	1,300,553	85	41	5,961	281	445	70,649
Florida	138	56	10,764	2,393	14,646	993,409	65	58	11,094	180	487	125,671
EAST SOUTH CENTRAL:												
Kentucky	68	49	5,714	2,120	1,885	219,790	98	56	7,071	342	758	127,744
Tennessee	113	115	8,460	3,412	3,350	312,895	165	88	10,080	77	92	14,311
Alabama	148	91	11,412	4,342	6,088	318,093	453	198	12,930	269	310	35,427
Mississippi	112	38	5,814	2,403	1,750	140,070	36	19	2,111	113	210	42,126
WEST SOUTH CENTRAL:												
Arkansas	92	97	7,547	3,427	4,717	319,684	64	48	5,096	204	182	28,129
Louisiana	90	97	6,478	1,005	871	68,634	227	371	48,040	671	1,089	119,389
Oklahoma	44	17	1,753	3,428	7,534	410,771	38	29	4,184	457	528	61,272
Texas	137	127	10,133	10,284	22,564	1,064,106	206	128	22,656	1,215	1,430	202,620
MOUNTAIN:												
Montana	25	14	1,990	103	43	6,656	12	3	773	256	362	83,461
Idaho	14	4	614	242	508	68,564	13	1	343	162	53	15,657
Wyoming	3	(1)	30	58	25	6,192	46	11	3,155	116	199	37,498
Colorado	209	142	21,558	627	846	83,247	37	11	2,694	237	435	64,416
New Mexico	25	11	2,065	721	491	53,064	2	2	515	376	371	84,291
Arizona	14	13	1,723	486	1,078	109,745	8	6	1,930	101	470	71,678
Utah	19	10	2,224	460	390	72,770	43	27	9,597	159	219	37,409
Nevada	2	(1)	90	37	26	3,814	1	1	160	83	363	59,428
PACIFIC:												
Washington	65	54	9,829	295	525	54,554	85	44	9,408	227	444	179,198
Oregon	53	49	5,484	165	169	21,378	33	24	5,691	125	217	49,455
California	200	285	40,587	1,790	7,341	619,485	.....	4,065	784,535	620	3,469	847,256

[1] Less than 1 acre, or reported in small fractions.

TOBACCO.

The acreage of tobacco harvested in the United States in 1919 was 1,864,080, and the production was 1,372,993,261 pounds, as compared with 1,294,911 acres, producing 1,055,764,806 pounds, in 1909. The area harvested thus shows an increase of 44 per cent, while the production shows an increase of 30 per cent. The average yield per acre in 1919 was 737 pounds, as against 815 pounds in 1909. The value of the crop in 1919 was $444,047,481.

A summary of the available census data with regard to the production of tobacco in the United States, beginning with the production of 1849, is given in Table 101. The principal data are also given, by divisions and states, in Tables 102, 103, and 104.

PRODUCTION OF TOBACCO, 15 LEADING STATES: 1919 AND 1909.

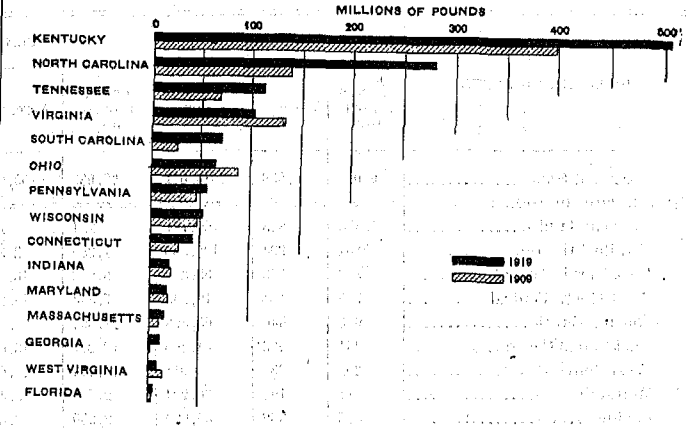


TABLE 101.—TOBACCO—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 102, 103, and 104.]

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	448,572	326,919	308,292					
Per cent of all farms	7.0	5.1	5.4					
Acreage	1,864,080	1,294,911	1,101,460	695,301	638,841			
Increase over preceding census	569,169	193,451	406,159	56,460				
Per cent of increase	44.0	17.6	58.4	8.8				
Average per farm reporting	4.2	4.0	3.6					
Per cent that acreage in tobacco formed of—								
Total improved acreage	0.4	0.3	0.3	0.2	0.2			
Total reported crop acreage	0.5	0.4	0.4					
Production (pounds)	1,372,993,261	1,055,764,806	868,112,865	488,256,646	472,661,157	262,735,341	434,209,461	199,752,655
Increase over preceding census [1]	317,228,455	187,651,941	379,856,219	15,595,489	209,925,816	−171,474,120	234,456,806	
Per cent of increase [1]	30.0	21.6	77.8	3.3	79.9	−39.5	117.4	
Average yield per acre	737	815	788	702	740			
Value	$444,047,481	$104,302,856	$56,987,902					
Increase over preceding census	$339,744,625	$47,314,954						
Per cent of increase	325.7	83.0						
Average per pound	$0.32	$0.10	$0.07					
Average per acre	$238.21	$80.55	$51.74					
Per cent that value of tobacco formed of total value of all crops	3.0	2.0	2.0					

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

TABLE 102.—TOBACCO—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, 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.		ACREAGE.				PRODUCTION (POUNDS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**448,572**	**326,919**	**1,864,080**	**1,294,911**	**569,169**	**44.0**	**1,372,993,261**	**1,055,764,806**	**317,228,455**	**30.0**	**$444,047,481**	**$104,302,856**
GEOGRAPHIC DIVISIONS:												
New England	4,610	3,865	36,225	21,745	14,480	66.6	56,732,177	37,961,893	18,770,284	49.4	19,985,748	5,670,002
Middle Atlantic	11,857	13,032	45,413	45,852	—439	—1.0	59,320,475	51,510,925	7,809,550	15.2	10,878,955	4,328,854
East North Central	41,376	42,929	140,572	171,973	—31,401	—18.3	136,197,872	157,959,785	—21,761,913	—13.8	29,956,148	15,082,892
West North Central	7,602	6,724	5,056	5,709	—653	—11.4	4,691,739	5,704,572	—1,012,833	—17.8	1,530,947	713,321
South Atlantic	197,014	120,731	857,155	487,411	369,744	75.9	493,732,082	334,569,496	159,162,586	47.6	239,022,462	32,843,156
East South Central	182,065	135,360	777,677	560,523	217,154	38.7	621,274,971	467,348,072	153,926,899	32.9	142,122,166	45,548,716
West South Central	3,974	4,196	1,279	1,683	—404	—24.0	552,091	700,915	—148,824	—21.2	266,266	114,452
Mountain	15	53	2	11	—9	.....	1,276	3,457	—2,181	—63.1	430	778
Pacific	59	29	701	4	697	.....	490,578	5,691	484,887	.....	284,359	685
NEW ENGLAND:												
Maine	17	3	(1)	(1)	.....	.....	700	50	650	.....	224	10
New Hampshire	49	33	108	79	29	.....	135,182	136,894	—1,712	—1.3	40,554	18,404
Vermont	55	45	78	103	—25	—24.3	120,210	164,680	—44,470	—27.0	42,074	17,416
Massachusetts	1,293	910	9,109	5,521	3,588	65.0	14,282,589	9,549,306	4,733,283	49.6	4,713,255	1,218,060
Rhode Island	5	5	(1)	(1)	.....	.....	300	510	—210	—41.2	90	164
Connecticut	3,191	2,869	26,930	16,042	10,888	67.9	42,193,196	28,110,453	14,082,743	50.1	15,189,551	4,415,948
MIDDLE ATLANTIC:												
New York	890	1,355	2,613	4,109	—1,496	—36.4	3,353,954	5,345,035	—1,991,081	—37.3	804,949	402,517
New Jersey	6	11	1	1	.....	.....	670	1,090	—420	—38.5	154	221
Pennsylvania	10,961	11,666	42,799	41,742	1,057	2.5	55,965,851	46,164,800	9,801,051	21.2	10,073,852	3,926,116
EAST NORTH CENTRAL:												
Ohio	20,294	23,119	75,789	106,477	—30,688	—28.8	64,420,472	88,603,308	—24,182,836	—27.3	13,528,302	8,998,887
Indiana	9,889	8,660	22,459	23,694	—1,235	—5.2	18,752,202	21,387,824	—2,635,622	—12.3	4,688,064	2,145,193
Illinois	1,327	1,652	850	1,313	—463	—35.3	566,260	1,029,616	—463,356	—45.0	198,202	80,389
Michigan	79	108	9	31	—22	.....	4,692	29,855	—25,163	—84.3	1,648	3,390
Wisconsin	9,787	9,390	41,465	40,458	1,007	2.5	52,454,246	46,909,182	5,545,064	11.8	11,539,932	3,855,033
WEST NORTH CENTRAL:												
Minnesota	232	186	455	150	305	203.3	517,605	173,321	344,284	198.6	98,347	20,554
Iowa	123	174	43	81	—38	.....	38,217	102,886	—64,669	—62.9	7,643	8,751
Missouri	7,143	6,168	4,490	5,433	—943	—17.4	4,074,977	5,372,738	—1,297,761	—24.2	1,385,497	676,479
North Dakota	4	16	1	6	—5	.....	1,040	3,968	—2,928	—73.8	521	530
South Dakota	.....	11	.....	(1)	.....	.....	.....	860	—860	.....	.....	120
Nebraska	18	37	(1)	(1)	.....	.....	544	2,423	—1,879	—77.5	354	356
Kansas	82	132	67	39	28	.....	59,356	48,376	10,980	22.7	38,585	6,531
SOUTH ATLANTIC:												
Delaware	7	.....	3	.....	3	.....	1,777	.....	1,777	.....	534	.....
Maryland	5,504	4,392	28,550	26,072	2,478	9.5	17,336,859	17,845,699	—508,840	—2.9	5,721,164	1,457,112
District of Columbia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	52,409	44,472	225,504	185,427	40,077	21.6	102,391,226	132,979,390	—30,588,164	—23.0	48,123,877	12,169,086
West Virginia	8,610	9,299	11,233	17,928	—6,695	—37.3	7,587,052	14,356,400	—6,769,348	—47.2	2,731,338	1,923,180
North Carolina	98,310	51,926	459,011	221,890	237,121	106.9	280,163,432	138,813,163	141,350,269	101.8	151,288,264	13,847,559
South Carolina	25,576	8,166	103,496	30,082	73,414	244.0	71,193,072	25,583,049	45,610,023	178.3	23,493,714	2,123,576
Georgia	5,752	1,760	25,067	2,625	23,042	.....	10,584,968	1,485,994	9,098,974	612.3	5,292,510	297,167
Florida	846	716	4,291	3,987	304	7.6	4,473,696	3,505,801	967,895	27.6	2,371,061	1,025,476
EAST SOUTH CENTRAL:												
Kentucky	143,599	108,050	634,038	469,795	164,243	35.0	506,150,592	398,482,301	107,668,291	27.0	116,414,639	39,868,753
Tennessee	35,936	25,637	138,561	90,468	48,093	53.2	112,367,567	68,756,599	43,610,968	63.4	24,720,869	5,661,681
Alabama	1,905	1,267	3,435	211	3,224	.....	2,031,235	90,572	1,940,663	.....	710,933	14,892
Mississippi	625	406	1,643	49	1,594	.....	725,577	18,600	706,977	.....	275,725	3,390
WEST SOUTH CENTRAL:												
Arkansas	3,056	3,329	622	758	—136	—17.9	267,050	316,418	—49,368	—15.6	93,472	40,489
Louisiana	134	208	516	519	—3	—0.6	221,277	172,418	48,859	28.3	143,832	42,617
Oklahoma	413	207	82	82	.....	.....	36,697	50,546	—13,849	—27.4	15,417	5,312
Texas	371	452	59	324	—265	—81.8	27,067	161,533	—134,466	—83.2	13,545	26,034
MOUNTAIN:												
Montana	.....	2	.....	3	—3	.....	.....	150	—150	.....	.....	55
Idaho	.....	2	.....	(1)	.....	.....	.....	103	—103	.....	.....	61
Wyoming	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	7	2	1	(1)	1	.....	875	100	775	775.0	308	10
New Mexico	7	38	1	7	—6	.....	381	2,334	—1,953	—83.7	116	489
Arizona	1	4	(1)	1	—1	.....	20	500	—480	—96.0	6	95
Utah	.....	5	.....	(1)	.....	.....	.....	270	—270	.....	.....	68
Nevada	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
PACIFIC:												
Washington	5	9	(1)	(1)	.....	.....	157	699	—542	—77.5	48	88
Oregon	9	8	1	(1)	1	.....	480	490	—10	—2.0	145	118
California	45	12	700	4	696	.....	489,941	4,502	485,439	.....	284,166	479

[1] Less than 1 acre.

TABLE 103.—TOBACCO—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.					PRODUCTION (POUNDS).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
United States	1,864,080	1,294,911	1,101,460	695,301	638,841	1,372,993,261	1,055,764,806	863,112,865	488,256,646	472,661,157	4.2	4.0
GEOGRAPHIC DIVISIONS:												
New England	36,225	21,745	14,212	8,451	12,199	56,732,177	37,961,893	23,810,524	11,827,083	19,717,398	7.9	5.6
Middle Atlantic	45,413	45,852	39,069	35,629	32,655	59,320,475	51,510,925	55,461,710	38,306,237	43,597,018	3.8	3.5
East North Central	140,572	171,973	115,810	75,094	61,223	136,197,872	157,959,785	119,851,780	68,007,946	58,236,294	3.4	4.0
West North Central	5,056	5,709	4,706	11,695	16,815	4,691,739	5,704,572	3,349,811	9,596,421	12,757,601	0.7	0.8
South Atlantic	857,155	487,411	465,754	234,981	241,480	493,732,082	334,569,496	300,194,090	100,843,545	135,651,502	4.4	4.0
East South Central	777,677	560,523	457,998	326,971	271,320	621,274,971	467,348,072	363,820,310	258,473,239	201,352,925	4.3	4.1
West South Central	1,279	1,683	3,857	2,408	3,002	552,091	700,915	1,592,830	1,177,341	1,247,457	0.3	0.4
Mountain	2	11	8	8	12	1,276	3,457	2,510	1,562	3,390	0.1	0.2
Pacific	701	4	46	64	135	490,578	5,691	29,300	23,272	97,572	11.9	0.1
NEW ENGLAND:												
Maine	(1)	(1)	(1)	1	1	700	50	150	200	250	(1)	(1)
New Hampshire	108	79	109	57	88	135,182	136,894	181,644	86,593	170,843	2.2	2.4
Vermont	78	103	158	50	84	120,210	164,680	291,390	70,518	131,432	1.4	2.3
Massachusetts	9,109	5,521	3,826	2,012	3,358	14,282,589	9,549,306	6,406,570	2,794,848	5,369,436	7.0	6.1
Rhode Island	(1)	(1)	.....	.....	2	300	510	.....	.....	785	(1)	(1)
Connecticut	26,930	16,042	10,119	6,331	8,066	42,193,196	28,110,453	16,930,770	8,874,924	14,044,652	8.4	5.6
MIDDLE ATLANTIC:												
New York	2,613	4,109	11,307	8,629	4,937	3,353,954	5,345,035	13,958,370	9,316,135	6,481,431	2.9	3.0
New Jersey	1	1	2	45	152	670	1,090	720	33,855	172,315	0.2	0.1
Pennsylvania	42,799	41,742	27,760	26,955	27,566	55,965,851	46,164,800	41,502,620	28,956,247	36,943,272	3.9	3.6
EAST NORTH CENTRAL:												
Ohio	75,789	106,477	71,422	44,303	34,676	64,420,472	88,603,308	65,957,100	37,853,563	34,735,235	3.7	4.6
Indiana	22,459	23,694	8,219	9,373	11,955	18,752,202	21,387,824	6,882,470	7,710,297	8,872,842	2.3	2.7
Illinois	850	1,313	2,242	4,155	5,612	566,260	1,029,616	1,447,150	3,042,936	3,935,825	0.6	0.8
Michigan	9	31	97	22	170	4,692	29,855	64,580	11,984	83,969	0.1	0.3
Wisconsin	41,465	40,458	33,830	17,241	8,810	52,454,246	46,909,182	45,500,480	19,389,166	10,608,423	4.2	4.3
WEST NORTH CENTRAL:												
Minnesota	455	150	117	49	163	517,605	173,321	127,730	23,285	69,922	2.0	0.8
Iowa	43	81	131	124	692	38,217	102,886	127,420	74,396	420,477	0.3	0.5
Missouri	4,490	5,433	4,361	11,350	15,521	4,074,977	5,372,738	3,041,996	9,424,823	12,015,657	0.6	0.9
North Dakota	1	6	1	2	.....	1,040	3,968	210	590	.....	0.3	0.4
South Dakota	.....	(1)	2	1	5	.....	860	730	195	1,897	.....	(1)
Nebraska	(1)	(1)	14	46	101	544	2,423	5,765	11,049	57,979	(1)	(1)
Kansas	67	39	80	123	333	59,356	48,376	45,960	62,083	191,669	0.8	0.2
SOUTH ATLANTIC:												
Delaware	3	.....	4	20	4	1,777	.....	2,000	29,680	1,278	0.4	.....
Maryland	28,550	26,072	42,911	20,274	38,174	17,336,859	17,845,699	24,589,480	12,356,838	26,082,147	5.2	5.9
District of Columbia	.....	.....	.....	.....	2	.....	.....	.....	.....	1,400	.....	.....
Virginia	225,504	185,427	184,334	110,579	140,791	102,391,226	132,979,390	122,884,900	48,522,655	79,988,868	4.3	4.2
West Virginia	11,233	17,928	5,129	4,647	4,071	7,587,052	14,356,400	3,087,140	2,602,021	2,296,146	1.3	1.9
North Carolina	459,011	221,890	203,023	97,077	57,208	280,163,432	138,813,163	127,503,400	36,375,258	26,986,213	4.7	4.3
South Carolina	103,496	30,082	25,993	394	169	71,193,072	25,583,049	19,895,970	222,898	45,678	4.0	3.7
Georgia	25,067	2,025	2,304	800	971	10,584,968	1,485,994	1,105,600	263,752	228,590	4.4	1.2
Florida	4,291	3,987	2,056	1,190	90	4,473,696	3,505,801	1,125,600	470,443	21,182	5.1	5.6
EAST SOUTH CENTRAL:												
Kentucky	634,038	469,795	384,805	274,587	226,120	506,150,592	398,482,301	314,288,050	221,880,303	171,120,784	4.4	4.3
Tennessee	138,561	90,468	71,849	51,471	41,532	112,367,567	68,756,599	49,157,550	36,368,395	29,365,052	3.9	3.5
Alabama	3,435	211	1,141	679	2,197	2,031,235	90,572	311,950	162,430	452,426	1.8	0.2
Mississippi	1,643	49	203	234	1,471	725,577	18,600	62,760	62,111	414,663	2.6	0.1
WEST SOUTH CENTRAL:												
Arkansas	622	758	1,887	1,876	2,064	267,050	316,418	831,700	954,790	970,220	0.2	0.2
Louisiana	516	519	275	109	253	221,277	172,418	102,100	46,845	55,954	3.9	2.5
Oklahoma [2]	82	82	252	.....	.....	36,697	50,546	108,910	.....	.....	0.2	0.4
Texas	59	324	1,443	423	685	27,067	161,533	550,120	175,706	221,283	0.2	0.7
MOUNTAIN:												
Montana	.....	3	1	(1)	.....	.....	150	200	25	.....	.....	1.5
Idaho	.....	(1)	1	.....	2	.....	103	750	.....	400	.....	(1)
Wyoming	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	1	(1)	.....	2	.....	875	100	.....	120	.....	0.1	(1)
New Mexico	1	7	6	6	7	381	2,334	1,460	1,415	890	0.1	0.2
Arizona	(1)	1	(1)	(1)	1	20	500	100	2	600	(1)	0.2
Utah	.....	(1)	.....	.....	.....	.....	270	.....	.....	.....	.....	(1)
Nevada	.....	.....	.....	.....	2	.....	.....	.....	.....	1,500	.....	.....
PACIFIC:												
Washington	(1)	(1)	5	25	8	157	699	1,180	7,040	6,930	(1)	(1)
Oregon	1	(1)	14	12	43	480	490	4,630	3,325	17,325	0.1	(1)
California	700	4	27	27	84	489,941	4,502	23,490	12,907	73,317	15.6	0.3

[1] Less than 1 acre reported.

[2] Figures for 1899 include Indian Territory.

TABLE 104.—TOBACCO—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 102 and 103. See footnotes on Table 103.]

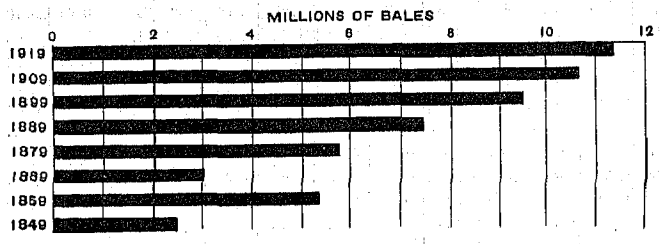
DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (POUNDS).					AVERAGE VALUE PER POUND.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.				
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909		1919	1909	1899	1889	1879
United States	7.0	5.1	0.4	0.3	0.3	0.2	0.2	737	815	788	702	740	$0.32	$0.10	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																				
New England	2.9	2.0	0.6	0.3	0.2	0.1	0.1	1,566	1,746	1,675	1,400	1,616	0.35	0.15	1.94	4.13	3.60	2.74	2.42	4.17
Middle Atlantic	2.8	2.8	0.2	0.2	0.1	0.1	0.1	1,306	1,123	1,420	1,075	1,335	0.18	0.08	2.44	4.32	4.88	6.39	7.85	9.22
East North Central	3.8	3.8	0.2	0.2	0.1	0.1	0.1	969	919	1,035	906	951	0.22	0.10	7.54	9.92	14.96	13.81	13.93	12.32
West North Central	0.7	0.6	(1)	(1)	(1)	(1)	(1)	928	999	712	821	759	0.33	0.13	0.27	0.34	0.54	0.39	1.97	2.70
South Atlantic	17.0	10.9	1.8	1.0	1.0	0.6	0.7	576	686	645	429	562	0.48	0.10	45.98	35.96	31.69	34.58	20.65	28.70
East South Central	17.3	13.0	1.8	1.3	1.1	0.9	0.9	799	834	794	791	742	0.23	0.10	41.72	45.25	44.27	41.91	52.94	42.60
West South Central	0.4	0.4	(1)	(1)	(1)	(1)	(1)	432	417	413	489	416	0.48	0.16	0.07	0.04	0.07	0.18	0.24	0.26
Mountain	(1)	(1)	(1)	(1)	(1)	(1)	(1)	638	314	314	195	283	0.34	0.23	(2)	(2)	(2)	(2)	(2)	(2)
Pacific	(1)	(1)	(1)	(1)	(1)	(1)	(1)	700	1,423	637	364	723	0.58	0.12	0.04	0.04	(2)	(2)	(2)	0.02
NEW ENGLAND:																				
Maine	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(3)	(3)	(3)	200	250	0.32	0.20	(2)	(2)	(2)	(2)	(2)	(2)
New Hampshire	0.2	0.1	(1)	(1)	(1)	(1)	(1)	1,252	1,733	1,666	1,519	1,941	0.30	0.13	0.01	0.01	0.01	0.02	0.02	0.04
Vermont	0.2	0.1	(1)	(1)	(1)	(1)	(1)	1,541	1,599	1,844	1,410	1,565	0.35	0.11	(2)	0.01	0.02	0.03	0.01	0.03
Massachusetts	4.0	2.5	1.0	0.5	0.3	0.1	0.2	1,568	1,730	1,674	1,389	1,599	0.33	0.13	0.49	1.04	0.90	0.74	0.57	1.14
Rhode Island	0.1	0.1	(1)	(1)	.....	.....	(1)	(3)	(3)	.....	.....	392	0.30	0.32	(2)	(2)	(2)	.....	.....	(2)
Connecticut	14.1	10.7	3.8	1.6	1.0	0.5	0.5	1,567	1,752	1,673	1,402	1,621	0.36	0.16	1.44	3.07	2.66	1.95	1.82	2.97
MIDDLE ATLANTIC:																				
New York	0.5	0.6	(1)	(1)	0.1	0.1	(1)	1,284	1,301	1,234	1,080	1,313	0.24	0.08	0.14	0.24	0.51	1.61	1.91	1.37
New Jersey	(1)	(1)	(1)	(1)	(1)	(1)	(1)	670	1,090	360	752	1,134	0.23	0.20	(2)	(2)	(2)	(2)	0.01	0.04
Pennsylvania	5.4	5.3	0.4	0.3	0.2	0.2	0.2	1,308	1,106	1,495	1,074	1,340	0.18	0.09	2.30	4.08	4.37	4.78	5.93	7.82
EAST NORTH CENTRAL:																				
Ohio	7.9	8.5	0.4	0.6	0.4	0.2	0.2	850	832	923	854	1,002	0.21	0.10	4.07	4.69	8.39	7.60	7.75	7.35
Indiana	4.8	4.0	0.1	0.1	(1)	0.1	0.1	835	903	837	823	742	0.25	0.10	1.20	1.37	2.03	0.79	1.58	1.88
Illinois	0.6	0.7	(1)	(1)	(1)	(1)	(1)	666	784	645	732	701	0.35	0.08	0.05	0.04	0.10	0.17	0.62	0.83
Michigan	(1)	0.1	(1)	(1)	(1)	(1)	(1)	521	963	666	545	494	0.35	0.11	(2)	(2)	(2)	0.01	(2)	0.02
Wisconsin	5.2	5.3	0.3	0.3	0.3	0.2	0.1	1,265	1,160	1,345	1,125	1,204	0.22	0.08	2.22	3.82	4.44	5.24	3.97	2.24
WEST NORTH CENTRAL:																				
Minnesota	0.1	0.1	(1)	(1)	(1)	(1)	(1)	1,138	1,156	1,092	475	429	0.19	0.12	0.02	0.04	0.02	0.01	(2)	0.01
Iowa	0.1	0.1	(1)	(1)	(1)	(1)	(1)	889	1,270	973	600	608	0.20	0.09	(2)	(2)	0.01	0.01	0.02	0.09
Missouri	2.7	2.2	(1)	(1)	(1)	0.1	0.1	908	989	698	830	774	0.34	0.13	0.24	0.30	0.51	0.35	1.93	2.54
North Dakota	(1)	(1)	(1)	(1)	(1)	(1)	.....	1,040	661	210	295	.....	0.50	0.13	(2)	(2)	(2)	(2)	(2)	.....
South Dakota	.....	(1)	.....	(1)	(1)	(1)	(1)	.....	(3)	365	195	379	.....	0.14	.....	.....	(2)	(2)	(2)	(2)
Nebraska	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(3)	(3)	412	240	574	0.65	0.15	(2)	(2)	(2)	(2)	(2)	0.01
Kansas	(1)	0.1	(1)	(1)	(1)	(1)	(1)	886	1,240	574	505	576	0.65	0.14	(2)	(2)	(2)	0.01	0.01	0.04
SOUTH ATLANTIC:																				
Delaware	0.1	.....	(1)	.....	(1)	(1)	(1)	592	.....	500	1,484	320	0.30	.....	(2)	(2)	.....	(2)	0.01	(2)
Maryland	11.5	9.0	0.9	0.8	1.2	0.6	1.1	607	685	573	609	683	0.33	0.08	1.53	1.26	1.69	2.83	2.53	5.52
District of Columbia	.....	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	700	.....	.....	.....	.....	.....	.....	.....	(2)
Virginia	28.1	24.2	2.4	1.9	1.8	1.2	1.7	454	717	667	439	568	0.47	0.09	12.10	7.46	12.60	14.16	9.94	16.92
West Virginia	9.9	9.6	0.2	0.3	0.1	0.1	0.1	675	801	602	560	564	0.36	0.13	0.60	0.55	1.36	0.36	0.53	0.49
North Carolina	36.4	20.5	5.6	2.5	2.4	1.2	0.9	610	626	628	375	472	0.54	0.10	24.62	20.41	13.15	14.69	7.45	5.71
South Carolina	13.3	4.6	1.7	0.5	0.5	(1)	(1)	688	850	765	566	270	0.33	0.08	5.55	5.19	2.42	2.29	0.05	0.01
Georgia	1.9	0.6	0.2	(1)	(1)	(1)	(1)	422	734	480	330	235	0.50	0.20	1.34	0.77	0.14	0.13	0.05	0.05
Florida	1.6	1.4	0.2	0.2	0.1	0.1	(1)	1,043	879	547	395	235	0.53	0.29	0.23	0.33	0.33	0.13	0.10	(2)
EAST SOUTH CENTRAL:																				
Kentucky	53.1	41.7	4.5	3.3	2.8	2.3	2.1	798	848	817	808	757	0.23	0.10	34.01	36.86	37.74	36.20	45.44	36.20
Tennessee	14.2	10.4	1.2	0.8	0.7	0.5	0.5	811	760	684	707	707	0.22	0.08	7.43	8.18	6.51	5.66	7.45	6.21
Alabama	0.7	0.5	(1)	(1)	(1)	(1)	(1)	591	429	273	239	206	0.35	0.16	0.18	0.15	0.01	0.04	0.03	0.10
Mississippi	0.2	0.1	(1)	(1)	(1)	(1)	(1)	442	380	309	265	282	0.38	0.18	0.09	0.05	(2)	0.01	0.01	0.09
WEST SOUTH CENTRAL:																				
Arkansas	1.3	1.6	(1)	(1)	(1)	(1)	0.1	429	417	441	509	470	0.35	0.13	0.03	0.02	0.03	0.10	0.20	0.21
Louisiana	0.1	0.2	(1)	(1)	(1)	(1)	(1)	429	332	371	430	221	0.65	0.25	0.03	0.02	0.02	0.01	0.01	0.01
Oklahoma	0.2	0.1	(1)	(1)	(1)	.....	.....	448	616	432	.....	.....	0.42	0.11	(2)	(2)	(2)	0.01	.....	.....
Texas	0.1	0.1	(1)	(1)	(1)	(1)	(1)	459	499	381	415	323	0.50	0.16	(2)	(2)	0.02	0.06	0.04	0.05
MOUNTAIN:																				
Montana	.....	(1)	.....	(1)	(1)	(1)	.....	.....	50	200	(3)	.....	.....	0.37	.....	.....	(2)	(2)	(2)	.....
Idaho	.....	(1)	.....	(1)	(1)	.....	(1)	.....	(3)	750	.....	200	.....	0.59	.....	.....	(2)	(2)	.....	(2)
Wyoming	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	(1)	(1)	(1)	(1)	.....	(1)	.....	875	(3)	.....	60	.....	0.35	0.10	(2)	(2)	(2)	.....	(2)	.....
New Mexico	(1)	0.1	(1)	(1)	(1)	(1)	(1)	381	333	243	236	127	0.30	0.21	(2)	(2)	(2)	(2)	(2)	(2)
Arizona	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(3)	500	(3)	(3)	600	0.30	0.19	(2)	(2)	(2)	(2)	(2)	(2)
Utah	.....	(1)	.....	(1)	.....	.....	.....	.....	(3)	.....	.....	.....	.....	0.25	.....	.....	(2)	.....	.....	.....
Nevada	.....	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	750	.....	.....	.....	.....	.....	.....	.....	(2)
PACIFIC:																				
Washington	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(3)	(3)	236	282	866	0.31	0.13	(2)	(2)	(2)	(2)	(2)	(2)
Oregon	(1)	(1)	(1)	(1)	(1)	(1)	(1)	480	(3)	331	277	403	0.30	0.24	(2)	(2)	(2)	(2)	(2)	(2)
California	(1)	(1)	(1)	(1)	(1)	(1)	(1)	700	1,126	870	478	873	0.58	0.11	0.04	0.04	(2)	(2)	(2)	0.02

[1] Less than one-tenth of 1 per cent. [2] Less than one-hundredth of 1 per cent. [3] Less than 1 acre reported.

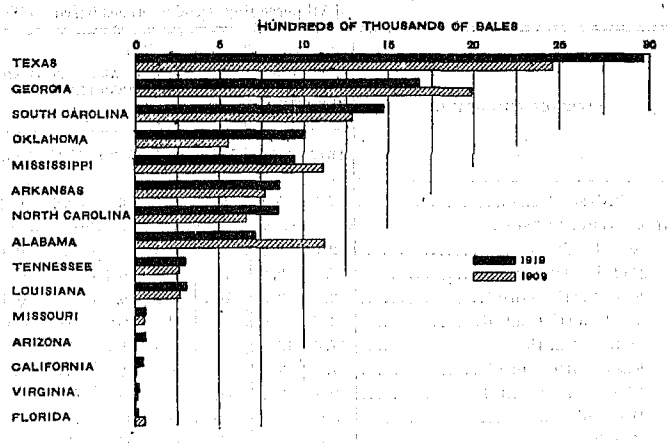
COTTON AND COTTONSEED.

The acreage of cotton harvested in the United States in 1919 was 33,740,106, and the production was 11,376,130 running bales, as compared with 32,043,838 acres, producing 10,649,268 running bales in 1909. The estimated production of cottonseed in 1919 was 5,327,721 tons, as compared with 5,324,622 tons in 1909. The value of the crop in 1919 (including cottonseed) was $2,355,169,365.

PRODUCTION OF COTTON IN THE UNITED STATES: 1849 TO 1919.



PRODUCTION OF COTTON, 15 LEADING STATES: 1919 AND 1909.



A summary of the available census data with regard to the production of cotton in the United States, beginning with the production of 1849, is given in Table 105. The principal data are also given, by divisions and states, in Tables 106, 107, and 108.

TABLE 105.—COTTON—SUMMARY FOR THE UNITED STATES: 1849 TO 1919.

[Figures for divisions and states in Tables 106, 107 and 108.

ITEM.	1919	1909	1899	1889	1879	1869	1859	1849
Number of farms reporting	1,905,863	1,714,149	1,418,584					
Per cent of all farms	29.6	26.9	24.7					
Acreage	33,740,106	32,043,838	24,275,101	20,175,270	14,480,019			
Increase over preceding census	1,696,268	7,768,737	4,099,831	5,695,251				
Per cent of increase	5.3	32.0	20.3	39.3				
Average per farm reporting	17.7	18.7	17.1					
Per cent that acreage in cotton formed of—								
Total improved acreage	6.7	6.7	5.9	5.6	5.1			
Total reported crop acreage	9.7	10.3	8.6					
Production:								
Lint cotton (bales)	11,376,130	10,649,268	9,534,707	7,472,511	5,755,359	3,011,996	5,387,052	2,469,093
Increase over preceding census[1]	726,862	1,114,561	2,062,196	1,717,152	2,743,363	−2,375,056	2,917,959	
Per cent of increase[1]	6.8	11.7	27.6	29.8	91.1	−44.1	118.2	
Average yield per acre (bales)	0.34	0.33	0.39	0.37	0.40			
Cottonseed (estimated—tons)	5,327,721	5,324,622	4,767,353					
Value, total, including cottonseed	$2,355,169,365	$824,696,287	$370,708,746					
Lint cotton	$2,007,430,242	$703,619,303	$323,758,171					
Increase over preceding census	$1,303,810,939	$379,861,132						
Per cent of increase	185.3	117.3						
Average value per bale	$176.46	$66.07	$33.96					
Cottonseed	$347,739,123	$121,076,984	$46,950,575					
Average value per acre—								
Total, including cottonseed	$69.80	$25.74	$15.27					
Lint cotton alone	$59.50	$21.96	$13.34					
Per cent that value of cotton and cottonseed formed of total value of all crops	16.0	15.8	13.0					

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

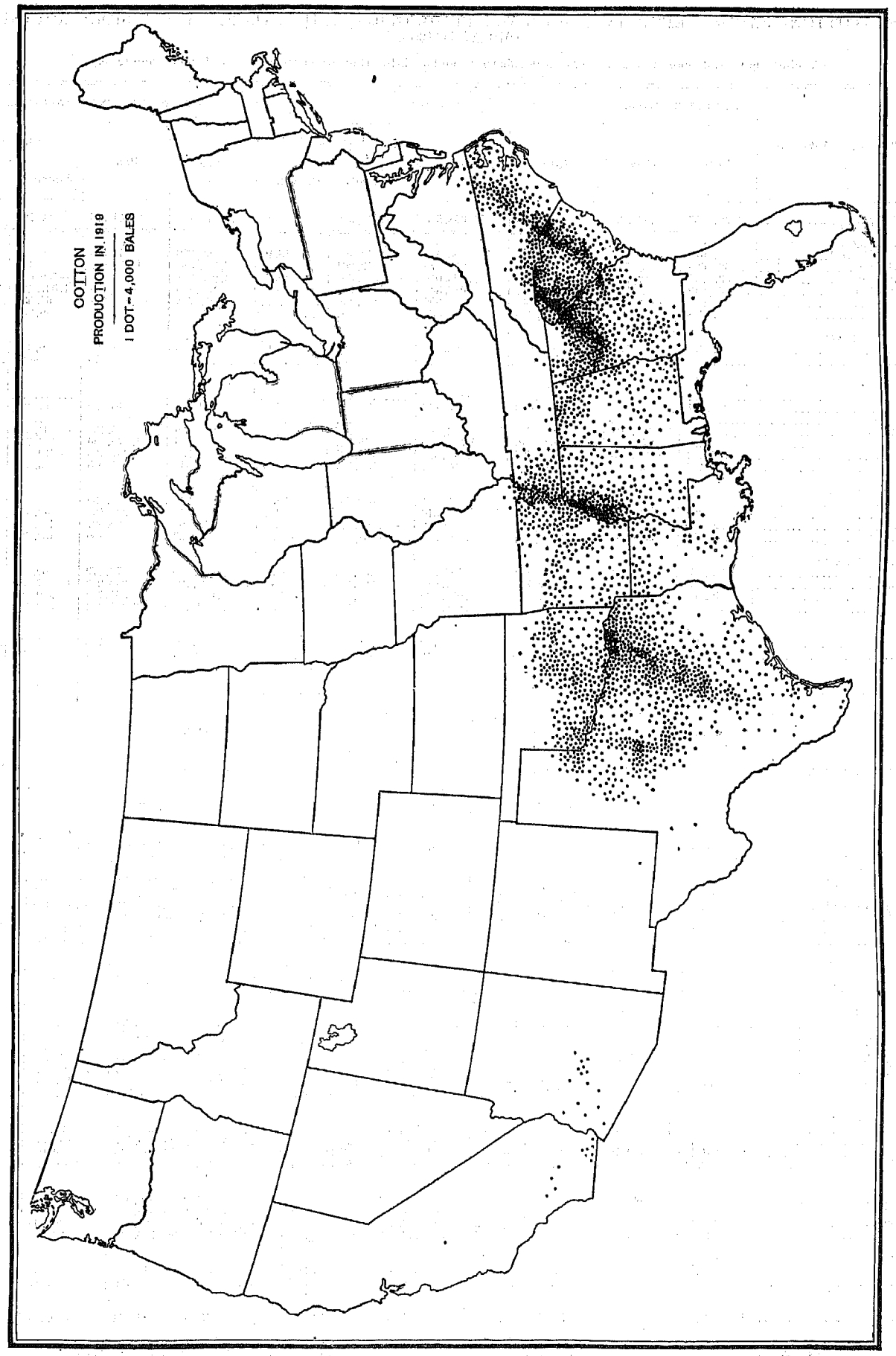

COTTON
PRODUCTION IN 1919
1 DOT = 4,000 BALES

TABLE 106.—COTTON—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, 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.		ACREAGE				PRODUCTION OF LINT COTTON (BALES).			
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.
United States	**1,905,863**	**1,714,149**	**33,740,106**	**32,043,838**	**1,696,268**	**5.3**	**11,376,130**	**10,649,268**	**726,862**	**6.8**
GEOGRAPHIC DIVISIONS:										
West North Central	7,675	7,299	110,027	96,563	13,464	13.9	63,808	54,508	9,300	17.1
South Atlantic	624,608	556,508	8,883,512	9,002,776	—119,264	—1.3	4,061,383	4,012,942	48,441	1.2
East South Central	537,231	522,735	6,389,666	7,926,019	—1,536,353	—19.4	1,985,631	2,524,714	—539,083	—21.4
West South Central	732,042	627,528	18,152,644	15,017,347	3,135,297	20.9	5,154,140	4,056,704	1,097,436	27.1
Mountain	2,969	61	116,949	809	116,140	.....	64,750	217	64,533	.....
Pacific	1,248	18	87,308	324	86,984	.....	46,418	183	46,235	.....
WEST NORTH CENTRAL:										
Missouri	7,675	7,296	110,027	96,527	13,500	14.0	63,808	54,498	9,310	17.1
Kansas	.....	3	.....	36	—36	.....	.....	10	—10	.....
SOUTH ATLANTIC:										
Maryland	.....	2	.....	(1)	.....	.....	.....	(2)	.....	.....
Virginia	9,081	5,283	47,032	25,147	21,885	87.0	24,887	10,480	14,407	137.5
West Virginia	.....	2	.....	(1)	.....	.....	.....	(2)	.....	.....
North Carolina	153,010	129,704	1,373,701	1,274,404	99,297	7.8	858,406	665,132	193,274	29.1
South Carolina	179,979	158,167	2,631,719	2,556,467	75,252	2.9	1,476,645	1,279,866	196,779	15.4
Georgia	270,484	242,673	4,720,498	4,883,304	—162,806	—3.3	1,681,907	1,992,408	—310,501	—15.6
Florida	12,144	20,677	110,562	263,454	—152,892	—58.0	19,538	65,056	—45,518	—70.0
EAST SOUTH CENTRAL:										
Kentucky	420	504	5,355	7,811	—2,456	—31.4	2,967	3,469	—502	—14.5
Tennessee	76,468	67,663	807,770	787,516	20,254	2.6	306,974	264,562	42,411	16.0
Alabama	220,990	224,871	2,628,154	3,730,482	—1,102,328	—29.5	718,163	1,129,527	—411,364	—36.4
Mississippi	239,353	229,697	2,948,387	3,400,210	—451,823	—13.3	957,527	1,127,156	—169,629	—15.0
WEST SOUTH CENTRAL:										
Arkansas	172,632	148,311	2,553,811	2,153,222	400,589	18.6	869,350	776,879	92,471	11.9
Louisiana	102,498	74,373	1,343,334	957,011	386,323	40.4	306,791	268,909	37,882	14.1
Oklahoma	110,204	88,140	2,732,962	1,976,935	756,027	38.2	1,006,242	555,742	450,500	81.1
Texas	346,708	316,704	11,522,537	9,930,179	1,592,358	16.0	2,971,757	2,455,174	516,583	21.0
MOUNTAIN:										
New Mexico	337	59	10,666	790	9,876	.....	5,399	206	5,193	.....
Arizona	2,632	2	106,283	19	106,264	.....	59,351	11	59,340	.....
PACIFIC:										
California	1,248	18	87,308	324	86,984	.....	46,418	183	46,235	.....

DIVISION AND STATE.	PRODUCTION OF COTTONSEED (TONS).[3]				VALUE.					
	1919	1909	Increase. Amount.	Increase. Per cent.	Total, including cottonseed. 1919	Total, including cottonseed. 1909	Lint cotton. 1919	Lint cotton. 1909	Cottonseed.[3] 1919	Cottonseed.[3] 1909
United States	**5,327,721**	**5,324,622**	**3,099**	**0.1**	**$2,355,169,365**	**$824,696,287**	**$2,007,430,242**	**$703,619,303**	**$347,739,123**	**$121,076,984**
GEOGRAPHIC DIVISIONS:										
West North Central	29,481	27,254	2,227	8.2	12,513,445	3,979,009	10,464,512	3,393,040	2,048,933	585,969
South Atlantic	1,847,722	2,006,471	—158,749	—7.9	854,052,822	303,105,181	716,402,541	254,636,995	137,650,281	48,468,186
East South Central	928,931	1,262,343	—333,362	—26.4	423,723,410	204,290,666	361,676,980	175,543,582	62,046,430	28,747,084
West South Central	2,470,177	2,028,353	441,824	21.8	1,030,861,310	313,291,792	888,319,662	270,018,704	142,541,648	43,273,088
Mountain	29,916	109	29,807	.....	23,440,943	16,863	21,329,365	15,238	2,111,578	1,625
Pacific	21,444	92	21,352	.....	10,577,435	12,776	9,237,182	11,744	1,340,253	1,032
WEST NORTH CENTRAL:										
Missouri	29,481	27,249	2,232	8.2	12,513,445	3,978,295	10,464,512	3,392,440	2,048,933	585,855
Kansas	.....	5	—5	.....	.....	714	.....	600	.....	114
SOUTH ATLANTIC:										
Maryland	.....	.....	.....	.....	.....	23	.....	23	.....	.....
Virginia	11,498	5,240	6,258	119.4	5,186,943	822,267	4,330,338	695,721	856,605	126,546
West Virginia	.....	.....	.....	.....	.....	14	.....	14	.....	.....
North Carolina	386,285	332,566	53,719	16.2	177,947,734	50,483,845	149,362,644	42,066,099	28,585,090	8,417,246
South Carolina	668,917	639,933	28,984	4.5	310,392,768	96,381,067	259,889,520	80,337,945	50,503,248	16,043,122
Georgia	771,993	996,204	—224,211	—22.5	356,506,928	149,937,058	299,379,446	126,695,612	57,127,482	23,241,446
Florida	9,029	32,528	—23,499	—72.2	4,018,449	5,481,407	3,440,593	4,841,581	577,856	639,826
EAST SOUTH CENTRAL:										
Kentucky	1,371	1,723	—352	—20.4	574,578	246,614	471,753	223,024	102,825	23,590
Tennessee	146,734	132,278	14,456	10.9	58,346,576	20,682,187	48,808,866	17,966,517	9,537,710	2,715,670
Alabama	331,794	564,764	—232,970	—41.3	152,440,345	87,008,432	128,551,177	74,205,236	23,889,168	12,803,196
Mississippi	449,082	563,578	—114,496	—20.3	212,361,911	96,353,433	183,845,184	83,148,805	28,516,727	13,204,628
WEST SOUTH CENTRAL:										
Arkansas	412,072	388,440	23,632	6.1	184,684,720	63,155,683	159,960,400	54,559,503	24,724,320	8,596,180
Louisiana	139,898	134,455	5,443	4.0	60,187,569	20,274,747	51,234,097	17,324,804	8,953,472	2,949,943
Oklahoma	473,943	277,871	196,072	70.6	189,552,012	41,187,408	163,011,204	35,399,356	26,540,808	5,788,052
Texas	1,444,264	1,227,587	216,677	17.7	596,437,009	188,673,954	514,113,961	162,735,041	82,323,048	25,938,913
MOUNTAIN:										
New Mexico	2,496	103	2,393	.....	1,387,842	15,996	1,209,376	14,508	178,466	1,488
Arizona	27,420	6	27,414	.....	22,053,101	867	20,119,989	730	1,933,112	137
PACIFIC:										
California	21,444	92	21,352	.....	10,577,435	12,776	9,237,182	11,744	1,340,253	1,032

[1] Less than 1 acre. [2] Less than 1 bale. [3] Production and value of cottonseed estimated.

TABLE 107.—COTTON—ACREAGE AND PRODUCTION, 1879 TO 1919, AND AVERAGE ACREAGE PER FARM, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.					PRODUCTION OF LINT COTTON (BALES).					AVERAGE ACREAGE PER FARM REPORTING.	
	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
United States	33,740,106	32,043,838	24,275,101	20,175,270	14,480,019	11,376,130	10,649,268	9,534,707	7,472,511	5,755,359	17.7	18.7
GEOGRAPHIC DIVISIONS:												
West North Central	110,027	96,563	45,749	57,991	32,116	63,808	54,508	25,646	16,068	20,318	14.3	13.2
South Atlantic	8,883,512	9,002,776	6,842,489	6,746,292	5,165,175	4,061,383	4,012,942	2,701,766	2,338,600	1,801,179	14.2	16.2
East South Central	6,389,666	7,926,019	6,725,588	6,394,543	5,161,530	1,985,631	2,524,714	2,656,599	2,261,387	1,994,753	11.9	15.2
West South Central	18,152,644	15,017,347	10,661,219	6,976,444	4,121,198	5,154,140	4,056,704	4,150,658	2,856,456	1,939,109	24.8	23.9
Mountain	116,949	809	56	.....	.....	64,750	217	38	.....	.....	39.4	13.3
Pacific	87,308	324	.....	.....	.....	46,418	183	.....	.....	.....	70.0	18.0
WEST NORTH CENTRAL:												
Missouri	110,027	96,527	45,596	57,260	32,116	63,808	54,498	25,576	15,856	20,318	14.3	13.2
Kansas	.....	36	153	731	.....	.....	10	70	212	.....	.....	12.0
SOUTH ATLANTIC:												
Maryland	.....	(1)	.....	.....	.....	.....	(2)	.....	.....	.....	.....	(1)
Virginia	47,032	25,147	25,724	39,213	45,040	24,887	10,480	10,789	5,375	19,595	5.2	4.8
West Virginia	.....	(1)	.....	.....	.....	.....	(2)	.....	.....	.....	.....	(1)
North Carolina	1,373,701	1,274,404	1,007,020	1,147,136	893,153	858,406	665,132	459,707	336,261	389,508	9.0	9.8
South Carolina	2,631,719	2,556,467	2,074,081	1,987,469	1,364,249	1,476,645	1,279,866	881,422	747,190	522,548	14.6	16.2
Georgia	4,720,498	4,883,304	3,613,839	3,345,104	2,617,138	1,681,907	1,992,408	1,287,992	1,191,846	814,441	17.5	20.1
Florida	110,562	263,454	221,825	227,370	245,595	19,538	65,056	61,856	57,928	54,997	9.1	12.7
EAST SOUTH CENTRAL:												
Kentucky	5,355	7,811	2,396	2,629	2,667	2,967	3,469	1,369	873	1,367	12.8	15.5
Tennessee	807,770	787,516	623,137	747,471	722,562	306,974	264,562	234,592	190,579	330,621	10.6	11.6
Alabama	2,628,154	3,730,482	3,202,135	2,761,165	2,330,086	718,163	1,129,527	1,106,840	915,210	699,654	11.9	16.6
Mississippi	2,948,387	3,400,210	2,897,920	2,883,278	2,106,215	957,527	1,127,156	1,313,798	1,154,725	963,111	12.3	14.8
WEST SOUTH CENTRAL:												
Arkansas	2,553,811	2,153,222	1,641,855	1,700,578	1,042,976	869,350	776,879	709,880	691,494	608,256	14.8	14.5
Louisiana	1,343,334	957,011	1,376,254	1,270,154	864,787	306,791	268,909	709,041	659,180	508,569	13.1	12.9
Oklahoma [3]	2,732,962	1,976,935	682,743	71,187	36,000	1,009,242	555,742	225,525	34,540	17,000	24.8	22.4
Texas	11,522,537	9,930,179	6,960,367	3,934,525	2,178,435	2,971,757	2,455,174	2,506,212	1,471,242	805,284	33.2	31.4
MOUNTAIN:												
New Mexico	10,666	790	.....	.....	.....	5,399	206	.....	.....	.....	31.6	13.4
Arizona	106,283	19	20	.....	.....	59,351	11	15	.....	.....	40.4	9.5
Utah	.....	.....	10	.....	.....	.....	.....	5	.....	.....	.....	.....
Nevada	.....	.....	26	.....	.....	.....	.....	18	.....	.....	.....	.....
PACIFIC:												
California	87,308	324	.....	.....	.....	46,418	183	.....	.....	.....	70.0	18.0

[1] Less than 1 acre reported. [2] Less than 1 bale. [3] Figures for 1899 and 1889 include Indian Territory; those for 1879 are for Indian Territory.

TABLE 108.—COTTON—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1879 TO 1919.

[All percentages and averages based on Tables 106 and 107. See footnotes on those tables.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE—LINT COTTON (BALES).					AVERAGE VALUE PER UNIT.			Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION (LINT COTTON).				
													Lint cotton, per bale.		Cottonseed, per ton, 1919						
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909			1919	1909	1899	1889	1879
United States	29.6	26.9	6.7	6.7	5.9	5.6	5.1	0.34	0.33	0.39	0.37	0.40	$176.46	$66.07	$65.27	100.0	100.0	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																					
West North Central	0.7	0.7	0.1	0.1	(1)	0.1	0.1	0.58	0.56	0.56	0.28	0.63	164.00	62.25	69.50	0.33	0.56	0.51	0.27	0.22	0.35
South Atlantic	53.9	50.1	18.3	18.6	14.8	16.2	14.3	0.46	0.45	0.39	0.35	0.35	176.39	63.45	74.50	26.33	35.70	37.08	28.34	31.30	31.30
East South Central	51.1	50.1	14.4	18.0	16.7	17.9	16.7	0.31	0.32	0.39	0.35	0.39	182.15	69.53	66.79	18.94	17.45	23.71	27.86	30.26	34.66
West South Central	73.5	66.5	28.3	25.8	26.8	22.8	21.7	0.28	0.27	0.39	0.41	0.47	172.35	66.56	57.70	53.80	45.31	38.09	43.53	38.23	33.69
Mountain	1.2	(1)	0.4	(1)	(1)	.....	.....	0.55	0.27	0.68	.....	.....	329.41	70.22	70.58	0.35	0.57	(2)	(2)	.....	.....
Pacific	0.5	(1)	0.4	(1)	.....	.....	.....	0.53	0.56	.....	.....	.....	199.00	64.17	62.50	0.26	0.41	(2)	.....	.....	.....
WEST NORTH CENTRAL:																					
Missouri	2.9	2.6	0.4	0.4	0.2	0.3	0.2	0.58	0.56	0.56	0.28	0.63	164.00	62.25	69.50	0.33	0.56	0.51	0.27	0.21	0.35
Kansas	.....	(1)	.....	(1)	(1)	(1)	.....	.....	0.28	0.46	0.29	.....	.....	60.00	.....	.....	.....	(2)	(2)	(2)	.....
SOUTH ATLANTIC:																					
Maryland	.....	(1)	.....	(1)	.....	.....	.....	.....	(3)	.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....
Virginia	4.9	2.9	0.5	0.3	0.3	0.4	0.5	0.53	0.42	0.42	0.14	0.44	174.00	66.39	74.50	0.14	0.22	0.10	0.11	0.07	0.34
West Virginia	.....	(1)	.....	(1)	.....	.....	.....	.....	(3)	.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....	.....
North Carolina	56.7	51.1	16.8	14.5	12.1	14.7	13.8	0.62	0.52	0.46	0.29	0.44	174.00	63.24	74.00	4.07	7.55	6.25	4.82	4.50	6.77
South Carolina	93.4	89.6	42.6	41.9	35.9	37.8	33.0	0.56	0.50	0.42	0.38	0.38	176.00	62.77	75.50	7.80	12.98	12.02	9.24	10.00	9.08
Georgia	87.0	83.4	36.2	39.7	33.1	34.9	31.9	0.36	0.41	0.37	0.36	0.31	178.00	63.59	74.00	13.99	14.78	18.71	13.51	15.95	14.15
Florida	22.5	41.3	4.8	14.6	14.7	19.8	25.9	0.18	0.25	0.28	0.25	0.22	176.10	74.42	64.00	0.33	0.17	0.61	0.65	0.78	0.96
EAST SOUTH CENTRAL:																					
Kentucky	0.2	0.2	(1)	0.1	(1)	(1)	(1)	0.55	0.44	0.57	0.33	0.51	159.00	64.29	75.00	0.02	0.03	0.03	0.01	0.01	0.02
Tennessee	30.3	27.5	7.2	7.2	6.1	8.0	8.5	0.38	0.34	0.38	0.25	0.46	159.00	67.91	65.00	2.39	2.70	2.48	2.46	2.55	5.74
Alabama	86.3	85.5	26.6	38.5	37.0	35.9	36.5	0.27	0.30	0.35	0.33	0.30	179.00	65.70	72.00	7.79	6.31	10.61	11.61	12.25	12.16
Mississippi	88.0	83.7	31.6	37.7	38.2	42.1	40.4	0.32	0.33	0.45	0.40	0.46	192.00	73.77	63.50	8.74	8.42	10.58	13.78	15.45	16.73
WEST SOUTH CENTRAL:																					
Arkansas	74.2	69.1	27.7	26.7	23.6	31.1	20.0	0.34	0.36	0.43	0.41	0.58	184.00	70.23	60.00	7.57	7.64	7.30	7.45	9.25	10.57
Louisiana	75.7	61.7	23.9	18.1	29.5	33.6	31.6	0.23	0.28	0.52	0.52	0.59	167.00	64.43	64.00	3.98	2.70	2.53	7.44	8.82	8.84
Oklahoma	57.4	46.3	15.1	11.3	8.0	12.6	.....	0.37	0.28	0.33	0.49	0.49	162.00	63.70	56.00	8.10	8.85	5.22	2.37	0.46	0.30
Texas	79.5	75.8	36.9	36.3	35.6	19.0	17.2	0.26	0.25	0.36	0.37	0.37	173.00	66.28	57.00	34.15	26.12	23.05	26.29	19.69	13.99
MOUNTAIN:																					
New Mexico	1.1	0.2	0.6	0.1	.....	.....	.....	0.51	0.26	.....	.....	.....	224.00	70.43	71.50	0.03	0.05	(2)	.....	.....	.....
Arizona	26.4	(1)	14.9	(1)	(1)	.....	.....	0.56	0.58	0.75	.....	.....	339.00	66.36	70.50	0.32	0.52	(2)	(2)	.....	.....
Utah	.....	.....	.....	.....	(1)	.....	.....	.....	.....	0.50	.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....
Nevada	.....	.....	.....	.....	(1)	.....	.....	.....	.....	0.69	.....	.....	.....	.....	.....	.....	.....	.....	(2)	.....	.....
PACIFIC:																					
California	1.1	(1)	0.7	(1)	.....	.....	.....	0.53	0.56	.....	.....	.....	199.00	64.17	62.50	0.26	0.41	(2)	.....	.....	.....

[1] Less than one-tenth of 1 per cent. [2] Less than one-hundredth of 1 per cent. [3] Less than 1 acre reported.

SUGAR CROPS.

Sugar and related products are obtained in the United States from three widely different classes of plants—cane (sugar cane and sorghum cane), sugar beets, and maple trees. Ordinary sugar is derived from sugar cane and sugar beets. Beet sugar is made altogether in large factories, which are covered by the census of manufactures, while this report relates only to the production of the beets. Most of the sugar cane also, including practically all of that from which sugar is made, is crushed in mills covered by the manufactures census, though considerable quantities are crushed on farms and plantations for the production of sirup for local or home use. Sorghum grown for sirup is usually crushed in small mills located on the farms. (Sorghum is also raised for forage, the production for this purpose being included in the totals for hay and forage.) Maple sugar and sirup are almost wholly made on farms.

Sugar cane.—The acreage of sugar cane harvested in the United States in 1919 was 372,938, and the production was 3,544,679 tons, as compared with 476,849 acres, producing 6,240,260 tons, in 1909. The quantity of sugar-cane sirup made on farms in 1919 was 21,240,960 gallons, as compared with 21,633,579 gallons in 1909. The value of the crop in 1919, including the value of cane sold and that of the sirup made on farms, was $59,499,467.

A summary of the available census data with regard to the production of sugar cane in the United States, beginning with the acreage of 1879, is given in Table 109. The principal data are also given, by states, in Tables 110, 111, 112, and 113.

TABLE 109.—SUGAR CANE—SUMMARY FOR THE UNITED STATES: 1879 TO 1919.

[Figures for states in Tables 110, 111, 112, and 113.]

ITEM.	1919	1909	1899	1889	1879
Number of farms reporting	271,278	278,233	181,382	.....	.....
Per cent of all farms	4.2	4.4	3.2	.....	.....
Acreage	372,938	476,849	386,986	274,975	227,776
Average per farm reporting	1.4	1.7	2.1	.....	.....
Production (tons)	3,544,679	6,240,260	4,202,202	.....	.....
Average yield per acre	9.50	13.09	10.86	.....	.....
Value	$59,499,467	$26,415,952	$20,541,636	.....	.....
Average per ton	$16.79	$4.23	$4.89	.....	.....
Average per acre	$159.54	$55.40	$53.08	.....	.....
Quantity sold for crushing (tons)	2,053,026	4,638,677	.....	.....	.....
Sirup made on farms (gallons)	21,240,960	21,633,579	12,293,032	.....	.....

TABLE 110.—SUGAR CANE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1919 AND 1909.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (TONS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	**271,278**	**278,233**	**372,938**	**476,849**	**—103,911**	**—21.8**	**3,544,679**	**6,240,260**	**—2,695,581**	**—43.2**	**$59,499,467**	**$26,415,952**
North Carolina	.....	596	.....	294	—294	.....	.....	1,494	—1,494	.....	.....	10,697
South Carolina	13,600	19,857	5,537	7,053	—1,516	—21.5	34,947	59,865	—24,918	—41.6	789,592	434,634
Georgia	72,740	64,458	41,558	37,046	4,512	12.2	365,603	317,460	48,143	15.2	8,472,338	2,268,110
Florida	24,331	19,603	20,413	12,928	7,485	57.9	179,573	142,517	37,056	26.0	4,134,458	1,089,698
Alabama	56,604	61,226	25,302	27,211	—1,909	—7.0	208,342	226,634	—18,292	—8.1	4,228,902	1,527,166
Mississippi	44,795	52,860	25,256	24,861	395	1.6	186,283	222,600	—36,317	—16.3	3,923,811	1,506,887
Arkansas	3,686	5,286	2,406	3,330	—924	—27.7	9,695	19,868	—10,173	—51.2	232,399	152,298
Louisiana	36,421	34,487	234,049	329,684	—95,635	—29.0	2,435,683	4,941,996	—2,506,313	—50.7	34,600,667	17,752,537
Oklahoma	.....	1	.....	(1)	.....	.....	.....	2	—2	.....	.....	56
Texas	*19,090*	*19,718*	*18,407*	*34,315*	*—15,908*	*—46.4*	*124,493*	*307,502*	—183,009	—59.5	3,116,162	1,569,583
New Mexico	.....	73	.....	111	—111	.....	.....	267	—267	.....	.....	3,407
Arizona	11	8	10	16	—6	.....	60	55	5	.....	1,138	719

[1] Less than 1 acre.

TABLE 111.—SUGAR CANE—ACREAGE, 1879 TO 1919, AND PRODUCTION, 1899 TO 1919, BY STATES.

STATE.	ACREAGE.					PRODUCTION (TONS).			SIRUP MADE ON FARMS (GALLONS).		
	1919	1909	1899	1889	1879	1919	1909	1899	1919	1909	1899
United States	**372,938**	**476,849**	**386,986**	**274,975**	**227,776**	**3,544,679**	**6,240,260**	**4,202,202**	**21,240,960**	**21,633,579**	**12,293,032**
North Carolina	.....	294	25	.....	.....	.....	1,494	199	.....	21,677	1,957
South Carolina	5,537	7,053	7,342	3,305	1,787	34,947	59,865	73,702	563,953	881,558	805,064
Georgia	41,558	37,046	26,056	20,238	15,053	365,603	317,460	284,410	7,052,984	5,533,520	3,226,367
Florida	20,413	12,928	13,800	9,345	7,938	179,573	142,517	140,729	3,675,249	2,533,096	1,687,452
Alabama	25,302	27,211	32,871	19,415	6,627	208,342	226,634	267,857	3,235,231	3,078,531	2,672,438
Mississippi	25,256	24,861	11,552	12,694	4,555	186,283	222,600	122,384	3,015,956	2,920,519	1,413,219
Arkansas	2,406	3,330	460	.....	.....	9,695	19,868	4,097	165,947	286,637	44,819
Louisiana	234,049	329,684	276,966	193,694	181,592	2,435,683	4,941,996	3,137,338	1,899,423	4,125,083	1,552,041
Oklahoma [1]	.....	(2)	35	.....	.....	.....	2	550	.....	56	.....
Texas	18,407	34,315	17,824	16,284	10,224	124,493	307,502	170,485	1,631,459	2,246,774	883,637
New Mexico	.....	111	5	.....	.....	.....	267	211	.....	5,088	.....
Arizona	10	16	50	.....	.....	60	55	240	758	1,040	438

[1] Figures for 1899 are for Indian Territory.

[2] Less than 1 acre.

TABLE 112.—SUGAR CANE—PERCENTAGES AND AVERAGES, BY STATES: 1879 TO 1919.

[All percentages and averages based on Tables 110 and 111. See footnotes on Table 111.]

STATE.	PER CENT OF ALL FARMS REPORTING.		AVERAGE ACREAGE PER FARM.		PER CENT OF ALL IMPROVED LAND OCCUPIED.					AVERAGE YIELD PER ACRE (TONS).			AVERAGE VALUE PER TON.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.		
	1919	1909	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1919	1909		1919	1909	1899
United States	**4.2**	**4.4**	**1.4**	**1.7**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**9.50**	**13.09**	**10.86**	**$16.79**	**$4.23**	**100.0**	**100.0**	**100.0**	**100.0**
North Carolina	.....	0.2	.....	0.5	.....	(1)	(1)	.....	.....	.....	5.08	7.96	.....	7.16	.....	.....	0.02	(2)
South Carolina	7.1	11.3	0.4	0.4	0.1	0.1	0.1	0.1	(1)	6.31	8.49	10.04	22.59	7.26	1.48	0.99	0.96	1.75
Georgia	23.4	22.1	0.6	0.6	0.3	0.3	0.2	0.2	0.2	8.80	8.57	10.92	23.17	7.14	11.14	10.31	5.09	6.77
Florida	45.1	39.3	0.8	0.7	0.9	0.7	0.9	0.8	0.8	8.80	11.02	10.20	23.02	7.65	5.47	5.07	2.28	3.35
Alabama	22.1	28.3	0.4	0.4	0.3	0.3	0.4	0.3	0.1	8.23	8.33	8.15	20.30	6.74	6.78	5.88	3.63	6.37
Mississippi	16.5	19.3	0.6	0.5	0.3	0.3	0.2	0.2	0.1	7.38	8.95	10.59	21.06	6.77	6.77	5.26	3.57	2.91
Arkansas	1.6	2.5	0.7	0.6	(1)	(1)	(1)	.....	.....	4.03	5.97	8.91	23.97	7.67	0.65	0.27	0.32	0.10
Louisiana	26.9	28.6	6.4	9.6	4.2	6.2	5.9	5.1	6.6	10.41	14.99	11.38	14.21	3.59	62.76	68.71	79.20	74.66
Oklahoma	.....	(1)	.....	(3)	.....	(1)	(1)	.....	.....	.....	(3)	15.71	.....	28.00	.....	.....	(2)	0.01
Texas	4.4	4.7	1.0	1.7	0.1	0.1	0.1	0.1	0.1	6.76	8.96	9.56	25.03	5.43	4.94	3.51	4.93	4.06
New Mexico	.....	0.2	.....	1.5	.....	(1)	(1)	.....	.....	.....	2.41	42.22	.....	12.99	.....	.....	(2)	0.01
Arizona	0.1	0.1	0.9	2.0	(1)	(1)	(1)	.....	.....	6.00	3.44	4.80	18.97	13.07	(2)	(2)	(2)	0.01

[1] Less than one-tenth of 1 per cent. [2] Less than one-hundredth of 1 per cent. [3] Less than 1 acre reported.

TABLE 113.—SUGAR CANE SOLD—FARMS REPORTING, QUANTITY, AND VALUE, BY STATES: 1919 AND 1909.

STATE.	FARMS REPORTING.				QUANTITY SOLD (TONS).				VALUE OF CANE SOLD.			
	Number.		Per cent of all farms.		Total.		Per cent of production.		Total.		Average value per ton.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909
United States	**8,457**	**10,499**	**6.1**	**0.2**	**2,053,026**	**4,638,677**	**57.9**	**74.3**	**$32,880,417**	**$16,765,740**	**$16.02**	**$3.61**
North Carolina	.....	6	.....	(1)	.....	11	.....	0.7	.....	103	.....	9.36
South Carolina	2	60	(1)	(1)	3	84	(1)	0.1	59	817	19.67	9.73
Georgia	59	612	(1)	0.2	398	1,888	0.1	0.6	8,756	19,892	22.00	10.54
Florida	72	856	0.1	1.7	909	2,977	0.5	2.1	18,180	35,234	20.00	11.84
Alabama	48	360	(1)	0.1	825	3,298	0.4	1.5	23,100	7,413	28.00	2.25
Mississippi	21	467	(1)	0.2	146	1,258	0.1	0.6	3,066	11,737	21.00	9.33
Arkansas	3	57	(1)	(1)	4	109	(1)	0.5	72	1,103	18.00	10.12
Louisiana	8,246	7,821	6.1	6.5	2,020,085	4,461,221	82.9	90.3	32,321,360	16,126,780	16.00	3.61
Oklahoma	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Texas	6	260	(1)	0.1	30,656	167,831	24.6	54.6	505,824	562,661	16.50	3.35
New Mexico	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Arizona	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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

Sorghum grown for sirup.—The acreage of sorghum grown for sirup in the United States in 1919 was 482,043 and the production was 1,644,100 tons, as compared with 326,352 acres, producing 1,376,487 tons, in 1909. These figures do not include sorghum grown for forage. The quantity of sorghum sirup made in 1919 was 21,523,025 gallons, as compared with 16,532,382 gallons in 1909. In tabulating the returns for 1919, it was considered that all of the sorghum grown for sirup was made into sirup, and estimates were accordingly made for acreage, tons of cane, or gallons of sirup made, in all cases where the reports were incomplete with respect to any of these items. Similar estimates were made to some extent for 1909. The value of the crop in 1919, which represents the value of the sirup made, was $24,506,228.

A summary of the available census data with regard to the production of sorghum cane in the United States, beginning with 1889, is given in Table 114. The principal items, including the quantity of sirup made on farms, are also given, by divisions and states, in Tables 115, 116, and 117.

TABLE 114.—SORGHUM GROWN FOR SIRUP—SUMMARY FOR THE UNITED STATES: 1889 TO 1919.

[Figures for divisions and states in Tables 115, 116, and 117.]

ITEM.	1919	1909	1899	1889
Number of farms reporting	560,057	399,297	446,621	.....
Per cent of all farms	8.7	6.3	7.8	.....
Acreage	482,043	326,352	293,152	415,691
Average per farm reporting	0.9	0.8	0.7	.....
Production (tons)	1,644,100	1,376,487	1,910,046	.....
Average yield per acre	3.41	4.22	6.52	.....
Value	$24,506,228	$7,963,499	$6,103,102	.....
Average per ton	$14.91	$5.79	$3.20	.....
Average per acre	$50.84	$24.40	$20.82	.....
Sirup made on farms (gallons)	21,523,025	16,532,382	16,972,783	24,235,219

TABLE 115.—SORGHUM GROWN FOR SIRUP—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, 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.		ACREAGE.				PRODUCTION (TONS).				VALUE.	
	1919	1909	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909	Increase. Amount.	Increase. Per cent.	1919	1909
United States	560,057	399,297	482,043	326,352	155,691	47.7	1,644,100	1,376,487	267,613	19.4	$24,506,228	$7,963,499
GEOGRAPHIC DIVISIONS:												
Middle Atlantic	182	105	159	72	87	.....	499	229	270	117.9	8,578	2,232
East North Central	61,256	62,195	34,042	33,835	207	0.6	138,764	210,813	—72,049	—34.2	2,553,651	1,213,409
West North Central	54,479	49,880	48,746	50,590	—1,844	—3.6	180,251	250,089	—69,838	—27.9	2,919,222	1,218,697
South Atlantic	155,481	104,604	111,902	58,142	53,760	92.5	396,687	258,781	137,906	53.3	5,745,496	1,556,997
East South Central	200,600	134,216	190,257	130,894	59,363	45.4	614,781	499,648	115,133	23.0	8,755,093	2,893,001
West South Central	86,801	47,915	94,426	52,039	42,387	81.5	301,768	153,823	147,945	96.2	4,279,733	1,052,162
Mountain	1,030	349	1,766	704	1,062	150.9	6,766	2,712	4,054	149.5	140,178	22,053
Pacific	228	33	745	76	669	.....	4,584	392	4,192	.....	104,277	4,048
MIDDLE ATLANTIC:												
New York	8	1	4	10	—6	.....	14	20	—6	.....	262	7
New Jersey	2	2	6	(1)	6	.....	18	3	15	.....	360	27
Pennsylvania	172	102	149	62	87	.....	467	206	261	126.7	7,956	2,198
EAST NORTH CENTRAL:												
Ohio	12,217	11,791	5,464	4,578	886	19.4	24,256	28,137	—3,881	—13.8	435,110	177,020
Indiana	21,663	21,856	12,307	11,829	478	4.0	52,210	77,600	—25,390	—32.7	987,729	449,968
Illinois	15,813	21,909	10,654	14,846	—4,192	—28.2	41,767	89,421	—47,654	—53.3	765,578	490,569
Michigan	1,665	1,223	711	338	373	110.4	2,306	2,157	149	6.9	33,591	12,826
Wisconsin	9,898	5,416	4,906	2,244	2,662	118.6	18,225	13,498	4,727	35.0	331,643	83,026
WEST NORTH CENTRAL:												
Minnesota	3,617	3,661	1,974	1,670	304	18.2	8,639	12,857	—4,218	—32.8	185,922	80,718
Iowa	12,544	5,011	9,968	4,996	4,972	99.5	45,340	24,597	20,743	84.3	822,798	139,293
Missouri	36,701	39,333	33,771	37,476	—3,705	—9.9	115,690	176,765	—61,075	—34.6	1,767,792	876,970
North Dakota	.....	2	.....	3	—3	.....	.....	6	—6	.....	.....	76
South Dakota	24	40	34	51	—17	.....	127	197	—70	—35.5	1,912	1,269
Nebraska	377	191	664	336	328	97.6	2,981	1,223	1,758	143.7	44,996	7,997
Kansas	1,216	1,642	2,335	6,058	—3,723	—61.5	7,474	34,444	—26,970	—78.3	95,802	112,374
SOUTH ATLANTIC:												
Delaware	158	116	88	65	23	.....	204	266	—62	—23.3	2,660	2,231
Maryland	143	64	74	30	44	.....	238	209	29	13.9	2,841	840
Virginia	20,111	16,696	13,450	8,130	5,320	65.4	47,011	40,875	6,136	15.0	658,659	217,634
West Virginia	11,900	16,719	8,439	8,607	—168	—2.0	30,544	48,091	—17,547	—36.5	564,851	300,188
North Carolina	45,151	41,080	30,624	20,662	9,962	48.2	100,463	84,753	15,710	18.5	1,467,880	524,067
South Carolina	28,659	8,792	20,431	6,131	14,300	233.2	69,865	22,371	47,494	212.3	945,218	131,833
Georgia	47,899	20,948	37,311	14,170	23,141	163.3	142,261	60,202	82,059	136.3	2,002,189	370,773
Florida	1,460	189	1,485	347	1,138	328.0	6,101	2,014	4,087	202.9	101,198	8,831
EAST SOUTH CENTRAL:												
Kentucky	48,193	50,970	49,968	52,858	—2,890	—5.5	154,963	198,404	—43,441	—21.9	2,248,510	1,216,426
Tennessee	46,054	42,416	49,131	45,410	3,721	8.2	148,689	183,328	—34,639	—18.9	2,070,674	981,497
Alabama	62,093	23,034	52,406	16,107	36,299	225.4	172,029	67,589	104,440	154.5	2,550,769	398,034
Mississippi	44,260	17,796	38,752	16,519	22,233	134.6	139,100	50,327	88,773	176.4	1,885,140	297,044
WEST SOUTH CENTRAL:												
Arkansas	39,073	28,295	41,424	27,532	13,892	50.5	120,416	83,041	37,375	45.0	1,654,562	563,851
Louisiana	2,061	1,651	1,610	1,392	218	15.7	6,001	4,685	1,316	28.1	77,004	21,227
Oklahoma	11,747	7,313	15,803	12,940	2,863	22.1	53,181	35,195	17,986	51.1	774,496	252,771
Texas	33,920	10,656	35,589	10,175	25,414	249.8	122,170	30,902	91,268	295.3	1,773,671	214,313
MOUNTAIN:												
Montana	.....	6	.....	4	—4	.....	.....	18	—18	.....	.....	156
Idaho	30	8	92	4	88	.....	335	24	311	.....	6,047	332
Wyoming	2	.....	4	.....	4	.....	6	.....	6	.....	119	.....
Colorado	38	24	65	47	18	.....	217	174	43	24.7	3,415	1,804
New Mexico	596	98	967	211	756	358.3	3,022	440	2,582	586.8	46,899	3,332
Arizona	99	49	198	88	110	.....	813	329	484	147.1	15,694	3,068
Utah	241	152	419	336	83	24.7	2,287	1,627	660	40.6	66,608	12,571
Nevada	24	12	21	14	7	.....	86	100	—14	—14.0	1,396	790
PACIFIC:												
Washington	29	8	27	12	15	.....	104	71	33	.....	1,928	577
Oregon	121	17	158	19	139	.....	412	133	279	209.8	7,886	1,131
California	78	8	560	45	515	.....	4,068	188	3,880	.....	94,463	2,340

[1] Less than 1 acre.

TABLE 116.—SORGHUM GROWN FOR SIRUP—ACREAGE, 1889 TO 1919, AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	ACREAGE.				PRODUCTION (TONS).			SIRUP MADE ON FARMS (GALLONS).			GALLONS OF SIRUP PER TON OF CANE.		
	1919	1909	1899	1889	1919	1909	1899	1919	1909	1899	1919	1909	1899
United States	**482,043**	**326,352**	**293,152**	[1] **415,691**	**1,644,100**	**1,376,487**	**1,910,046**	**21,523,025**	**16,532,382**	**16,972,783**	**13.1**	**12.0**	**8.9**
GEOGRAPHIC DIVISIONS:													
Middle Atlantic	159	72	126	608	499	229	950	6,201	2,634	7,937	12.4	11.5	8.4
East North Central	34,042	33,835	24,926	39,580	138,764	210,813	208,520	1,728,178	2,457,472	1,730,996	12.5	11.7	8.3
West North Central	48,746	50,590	67,240	125,710	180,251	250,089	378,271	2,253,598	2,461,986	3,507,977	12.5	9.8	9.3
South Atlantic	111,902	58,142	54,152	75,256	396,687	258,781	371,396	5,275,563	3,176,114	3,683,892	13.3	12.3	9.9
East South Central	190,257	130,894	83,911	114,577	614,781	499,648	591,307	8,186,061	6,241,739	5,655,998	13.3	12.5	9.6
West South Central	94,426	52,039	61,901	58,517	301,768	153,323	353,072	3,902,039	2,150,553	2,328,922	12.9	14.0	6.6
Mountain	1,766	704	689	1,342	6,766	2,712	5,063	102,041	35,546	45,479	15.1	13.1	9.0
Pacific	745	76	207	90	4,584	392	1,467	69,344	6,338	11,582	15.1	16.2	7.9
MIDDLE ATLANTIC:													
New York	4	10	14	114	14	20	105	218	14	973	15.6	0.7	9.3
New Jersey	6	(2)	7	6	18	3	52	300	35	450	16.7	11.7	8.7
Pennsylvania	149	62	105	488	467	206	793	5,683	2,585	6,514	12.2	12.5	8.2
EAST NORTH CENTRAL:													
Ohio	5,464	4,578	5,037	7,505	24,256	28,137	38,759	290,059	354,131	341,523	12.0	12.6	8.8
Indiana	12,307	11,829	7,955	12,344	52,210	77,600	65,685	681,190	965,086	579,061	13.0	12.4	8.8
Illinois	10,654	14,846	9,158	15,384	41,767	89,421	84,326	527,981	977,238	625,939	12.6	10.9	7.4
Michigan	711	338	377	897	2,306	2,157	2,787	21,671	21,350	24,059	9.4	9.9	8.6
Wisconsin	4,906	2,244	2,399	3,450	18,225	13,498	16,963	207,277	139,667	160,414	11.4	10.3	9.5
WEST NORTH CENTRAL:													
Minnesota	1,974	1,670	2,283	3,890	8,639	12,857	14,369	128,227	145,934	157,605	14.8	11.4	11.0
Iowa	9,968	4,996	8,287	16,540	45,340	24,597	58,347	587,712	250,205	521,212	13.0	10.2	8.9
Missouri	33,771	37,476	30,997	36,280	115,690	176,765	201,165	1,414,222	1,788,391	1,990,987	12.2	10.1	9.9
North Dakota	.....	3	10	(2)	.....	6	41	.....	102	114	.....	17.0	2.8
South Dakota	34	51	196	730	127	197	1,384	1,738	2,030	9,859	13.7	10.3	7.1
Nebraska	664	336	4,778	12,505	2,981	1,223	14,119	34,609	14,644	92,413	11.6	12.0	6.5
Kansas	2,335	6,058	20,689	55,765	7,474	34,444	88,846	87,090	260,680	735,787	11.7	7.6	8.3
SOUTH ATLANTIC:													
Delaware	88	65	150	100	204	266	1,001	2,660	4,517	8,952	13.0	17.0	8.9
Maryland	74	30	63	82	238	209	435	2,705	1,782	4,058	11.4	8.5	9.3
Virginia	13,450	8,130	8,039	9,578	47,011	40,875	73,137	598,774	441,189	555,321	12.7	10.8	7.6
West Virginia	8,439	8,607	6,870	7,718	30,544	48,091	56,469	451,875	604,201	450,777	14.8	12.6	8.0
North Carolina	30,624	20,662	20,227	24,093	100,463	84,753	112,056	1,397,980	1,099,346	1,419,570	13.9	13.0	12.7
South Carolina	20,431	6,131	7,250	11,391	69,865	22,371	49,530	900,206	262,452	478,190	12.9	11.7	9.7
Georgia	37,311	14,170	11,553	22,089	142,261	60,202	78,768	1,820,165	740,450	767,024	12.8	12.3	9.7
Florida	1,485	347	.....	205	6,101	2,014	.....	101,198	22,177	.....	16.6	11.0	.....
EAST SOUTH CENTRAL:													
Kentucky	49,968	52,858	21,982	37,236	154,963	198,404	152,321	2,044,098	2,733,683	1,277,206	13.2	13.8	8.4
Tennessee	49,131	45,410	31,364	40,330	148,689	183,328	226,523	1,917,293	2,076,339	2,047,655	12.9	11.3	9.0
Alabama	52,406	16,107	14,831	21,189	172,029	67,589	93,299	2,429,302	809,361	1,168,868	14.1	12.0	12.5
Mississippi	38,752	16,519	15,734	15,822	139,100	50,327	119,164	1,795,368	622,356	1,162,269	12.9	12.4	9.8
WEST SOUTH CENTRAL:													
Arkansas	41,424	27,532	17,684	27,371	120,416	83,041	122,779	1,438,748	1,140,532	1,223,691	11.9	13.7	10.0
Louisiana	1,610	1,392	937	1,755	6,001	4,685	6,091	70,003	47,029	48,727	11.7	10.0	8.0
Oklahoma[3]	15,803	12,940	16,477	844	53,181	35,195	49,237	704,083	514,807	179,272	13.2	14.6	3.6
Texas	35,589	10,175	26,803	28,547	122,170	30,902	174,965	1,689,205	448,185	877,232	13.8	14.5	5.0
MOUNTAIN:													
Montana	.....	4	2	.....	.....	18	14	.....	223	100	.....	12.4	7.1
Idaho	92	4	21	54	335	24	191	4,319	407	1,393	12.9	17.0	7.3
Wyoming	4	.....	.....	12	6	.....	.....	85	.....	.....	14.2	.....	.....
Colorado	65	47	51	818	217	174	349	2,528	2,547	2,661	11.6	14.6	7.6
New Mexico	967	211	81	90	3,022	440	314	39,081	5,289	2,812	12.9	12.0	9.0
Arizona	198	88	133	69	813	329	953	10,461	3,967	9,031	12.9	12.1	9.5
Utah	419	336	371	283	2,287	1,627	3,080	44,404	21,847	28,017	19.4	13.4	9.1
Nevada	21	14	30	16	86	100	162	1,163	1,266	1,465	13.5	12.7	9.0
PACIFIC:													
Washington	27	12	28	20	104	71	82	1,285	634	438	12.4	8.9	5.3
Oregon	158	19	39	45	412	133	300	5,086	1,374	2,473	12.3	10.3	8.2
California	560	45	140	25	4,068	188	1,085	62,973	4,330	8,671	15.5	23.0	8.0

[1] Includes 11 acres reported in New England division distributed as follows: Maine, 3; New Hampshire, 2; Vermont, 1; and Connecticut, 5.
[2] Less than 1 acre.
[3] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 117.—SORGHUM GROWN FOR SIRUP—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1889 TO 1919.

[All percentages and averages based on Tables 115 and 116. See footnotes on Table 116.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		AVERAGE ACREAGE PER FARM.		PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (TONS).			AVERAGE VALUE OF CANE PER TON.		AVERAGE VALUE OF SIRUP PER GALLON.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.		
	1919	1909	1919	1909	1919	1909	1899	1889	1919	1909	1899	1919	1909	1919	1909		1919	1909	1899
United States	8.7	6.3	0.9	0.8	0.1	0.1	0.1	0.1	3.41	4.22	6.52	$14.91	$5.79	$1.14	$0.48	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																			
Middle Atlantic	(1)	(1)	0.9	0.7	(1)	(1)	(1)	(1)	3.14	3.18	7.54	17.19	9.75	1.38	0.85	0.03	0.03	0.02	0.05
East North Central	5.6	5.5	0.6	0.5	(1)	(1)	(1)	0.1	4.08	6.23	8.37	18.40	5.76	1.48	0.49	7.06	8.44	15.32	10.92
West North Central	5.0	4.5	0.9	1.0	(1)	(1)	(1)	0.1	3.70	4.94	5.63	16.20	4.87	1.30	0.50	10.11	10.96	18.17	19.80
South Atlantic	13.4	9.4	0.7	0.6	0.2	0.1	0.1	0.2	3.54	4.45	6.86	14.48	6.02	1.09	0.49	23.21	24.13	18.80	19.44
East South Central	19.1	12.9	0.9	1.0	0.4	0.3	0.2	0.3	3.23	3.82	7.05	14.24	5.79	1.07	0.46	39.47	37.39	36.30	30.96
West South Central	8.7	5.1	1.1	1.1	0.1	0.1	0.2	0.2	3.20	2.96	5.70	14.18	6.84	1.10	0.49	19.59	18.35	11.17	18.48
Mountain	0.4	0.2	1.7	2.0	(1)	(1)	(1)	(1)	3.83	3.85	7.35	20.72	8.13	1.37	0.62	0.37	0.41	0.20	0.27
Pacific	0.1	(1)	3.3	2.3	(1)	(1)	(1)	(1)	6.15	5.16	7.09	22.75	10.33	1.50	0.64	0.15	0.28	0.03	0.08
MIDDLE ATLANTIC:																			
New York	(1)	(1)	0.5	10.0	(1)	(1)	(1)	(1)	3.50	2.00	7.50	18.71	0.35	1.20	0.50	(2)	(2)	(2)	0.01
New Jersey	(1)	(1)	3.0	(3)	(1)	(1)	(1)	(1)	3.00	(3)	7.43	20.00	9.00	1.20	0.77	(2)	(2)	(2)	(2)
Pennsylvania	0.1	(1)	0.9	0.6	(1)	(1)	(1)	(1)	3.13	3.32	7.55	17.04	10.67	1.40	0.85	0.03	0.03	0.01	0.04
EAST NORTH CENTRAL:																			
Ohio	4.8	4.3	0.4	0.4	(1)	(1)	(1)	(1)	4.44	6.15	7.69	17.94	6.29	1.50	0.50	1.13	1.48	2.04	2.03
Indiana	10.6	10.1	0.6	0.5	0.1	0.1	(1)	0.1	4.24	6.56	8.26	18.92	5.80	1.45	0.47	2.55	3.18	5.64	3.44
Illinois	6.7	8.7	0.7	0.7	(1)	0.1	(1)	0.1	3.92	6.02	9.21	18.33	5.49	1.45	0.50	2.21	2.54	6.50	4.41
Michigan	0.8	0.6	0.4	0.3	(1)	(1)	(1)	(1)	3.24	6.38	7.39	14.57	5.95	1.55	0.60	0.15	0.14	0.16	0.15
Wisconsin	5.2	3.1	0.5	0.4	(1)	(1)	(1)	(1)	3.71	6.02	7.07	18.20	6.15	1.60	0.59	1.02	1.11	0.98	0.89
WEST NORTH CENTRAL:																			
Minnesota	2.0	2.3	0.5	0.5	(1)	(1)	(1)	(1)	4.38	7.70	6.29	21.52	6.28	1.45	0.55	0.41	0.53	0.93	0.75
Iowa	5.9	2.3	0.8	1.0	(1)	(1)	(1)	0.1	4.55	4.92	7.04	18.15	5.66	1.40	0.56	2.07	2.76	1.79	3.05
Missouri	14.0	14.2	0.9	1.0	0.1	0.2	0.1	0.2	3.43	4.72	6.49	15.28	4.96	1.25	0.49	7.01	7.04	12.84	10.53
North Dakota	.....	(1)	.....	1.5	.....	(1)	(1)	(1)	.....	2.00	4.10	.....	12.67	.....	0.75	.....	.....	(2)	(2)
South Dakota	(1)	0.1	1.4	1.3	(1)	(1)	(1)	(1)	3.74	3.86	7.06	15.06	6.44	1.10	0.63	0.01	0.01	0.01	0.07
Nebraska	0.3	0.1	1.8	1.8	(1)	(1)	(1)	0.1	4.49	3.64	2.96	15.09	6.54	1.30	0.55	0.14	0.18	0.09	0.74
Kansas	0.7	0.9	1.9	3.7	(1)	(1)	0.1	0.3	3.20	5.69	4.29	12.82	3.26	1.10	0.43	0.48	0.45	2.50	4.65
SOUTH ATLANTIC:																			
Delaware	1.6	1.1	0.6	0.6	(1)	(1)	(1)	(1)	2.32	4.09	6.67	13.04	8.39	1.00	0.49	0.02	0.01	0.02	0.05
Maryland	0.3	0.1	0.5	0.5	(1)	(1)	(1)	(1)	3.22	0.97	6.90	11.94	4.02	1.05	0.47	0.02	0.01	0.02	0.02
Virginia	10.8	9.1	0.7	0.5	0.1	0.1	0.1	0.1	3.50	5.03	9.10	14.01	5.32	1.10	0.49	2.79	2.86	2.97	3.83
West Virginia	13.6	17.3	0.7	0.5	0.2	0.2	0.1	0.2	3.62	5.59	8.22	18.49	6.24	1.25	0.50	1.75	1.86	3.49	2.96
North Carolina	16.7	16.2	0.7	0.5	0.4	0.2	0.2	0.3	3.28	4.10	5.54	14.61	6.19	1.05	0.48	6.35	6.11	6.16	5.87
South Carolina	14.9	5.0	0.7	0.7	0.3	0.1	0.1	0.2	3.42	3.65	6.83	13.53	5.89	1.05	0.50	4.24	4.25	1.63	2.59
Georgia	15.4	7.2	0.8	0.7	0.3	0.1	0.1	0.2	3.81	4.25	6.82	14.07	6.16	1.10	0.50	7.74	8.65	4.37	4.12
Florida	2.7	0.4	1.0	1.8	0.1	(1)	.....	(1)	4.11	5.80	.....	16.59	4.38	1.00	0.40	0.31	0.37	0.15	.....
EAST SOUTH CENTRAL:																			
Kentucky	17.8	19.7	1.0	1.0	0.4	0.4	0.2	0.3	3.10	3.75	6.93	14.51	6.13	1.10	0.44	10.37	9.43	14.41	7.97
Tennessee	18.2	17.2	1.1	1.1	0.4	0.4	0.3	0.4	3.03	4.04	7.22	13.93	5.35	1.08	0.47	10.19	9.04	13.32	11.86
Alabama	24.2	8.8	0.8	0.7	0.5	0.2	0.2	0.3	3.28	4.20	6.29	14.83	5.90	1.05	0.49	10.87	10.46	4.91	4.88
Mississippi	16.3	6.5	0.9	0.9	0.4	0.2	0.2	0.2	3.59	3.05	7.57	13.55	5.90	1.05	0.48	8.04	8.46	3.66	6.24
WEST SOUTH CENTRAL:																			
Arkansas	16.8	13.2	1.1	1.0	0.4	0.3	0.3	0.5	2.91	3.02	6.94	13.74	6.79	1.15	0.49	8.59	7.32	6.03	6.43
Louisiana	1.5	1.4	0.8	0.8	(1)	(1)	(1)	(1)	3.73	3.37	6.50	12.83	4.53	1.10	0.45	0.33	0.37	0.34	0.32
Oklahoma	6.1	3.8	1.3	1.8	0.1	0.1	0.2	0.1	3.37	2.72	2.99	14.56	7.18	1.10	0.49	3.28	3.23	2.56	2.58
Texas	7.8	2.6	1.0	1.0	0.1	(1)	0.1	0.1	3.43	3.04	6.53	14.52	6.94	1.05	0.48	7.38	7.43	2.24	9.16
MOUNTAIN:																			
Montana	.....	(1)	.....	0.7	.....	(1)	(1)	.....	.....	4.50	7.00	.....	8.67	.....	0.70	.....	.....	(2)	(2)
Idaho	0.1	(1)	3.1	0.5	(1)	(1)	(1)	(1)	3.64	6.00	9.10	18.05	13.83	1.40	0.82	0.02	0.02	(2)	0.01
Wyoming	(1)	.....	2.0	.....	(1)	.....	.....	(1)	1.50	.....	.....	19.83	.....	1.40	.....	(2)	(2)	.....	.....
Colorado	0.1	0.1	1.7	2.0	(1)	(1)	(1)	(1)	3.34	3.70	6.84	15.74	10.37	1.35	0.71	0.01	0.01	0.01	0.02
New Mexico	2.0	0.3	1.6	2.2	0.1	(1)	(1)	(1)	3.13	2.09	3.88	15.52	7.57	1.20	0.63	0.20	0.18	0.03	0.02
Arizona	1.0	0.5	2.0	1.8	(1)	(1)	0.1	(1)	4.11	3.74	7.17	19.30	9.33	1.50	0.77	0.04	0.05	0.02	0.05
Utah	0.9	0.7	1.7	2.2	(1)	(1)	(1)	0.1	5.46	4.84	8.30	29.12	7.73	1.50	0.58	0.09	0.14	0.12	0.16
Nevada	0.8	0.4	0.9	1.2	(1)	(1)	(1)	(1)	4.10	7.14	5.40	16.23	7.90	1.20	0.62	(2)	0.01	0.01	0.01
PACIFIC:																			
Washington	(1)	(1)	0.9	1.5	(1)	(1)	(1)	(1)	3.85	5.92	2.93	18.54	8.13	1.50	0.91	0.01	0.01	0.01	(2)
Oregon	0.2	(1)	1.3	1.1	(1)	(1)	(1)	(1)	2.61	7.00	7.69	19.14	8.50	1.55	0.82	0.03	0.03	0.01	0.02
California	0.1	(1)	7.2	5.6	(1)	(1)	(1)	(1)	7.26	4.18	7.75	23.22	12.45	1.50	0.54	0.12	0.25	0.01	0.06

[1] Less than one-tenth of 1 per cent. [2] Less than one-hundredth of 1 per cent. [3] Less than 1 acre reported.

Sugar beets grown for sugar.—The acreage of sugar beets harvested in the United States in 1919 was 636,434, and the production was 5,993,409 tons, as compared with 360,433 acres, producing 3,902,071 tons, in 1909. These figures do not include the small quantities of sugar beets grown for use as root forage. The value of the crop in 1919 was $66,051,989.

A summary of the available census data with regard to the production of sugar beets in the United States, beginning with 1899, is given in Table 118. The principal data are also given, by divisions and states, in Tables 119 and 120.

TABLE 118.—SUGAR BEETS—SUMMARY FOR THE UNITED STATES: 1899 TO 1919.

[Figures for divisions and states in Tables 119 and 120.]

ITEM.	1919	1909	1899
Number of farms reporting	47,211	33,307	14,035
Per cent of all farms	0.7	0.5	0.2
Acreage	636,434	360,433	110,170
Average per farm reporting	13.5	10.8	7.8
Production (tons)	5,993,409	3,902,071	793,353
Average yield per acre	9.42	10.83	7.20
Value	$66,051,989	$19,695,384	$3,323,240
Average per ton	$11.02	$5.05	$4.19
Average per acre	$103.78	$54.64	$30.16

TABLE 119.—SUGAR BEETS—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[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.		ACREAGE.					PRODUCTION (TONS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909
United States	**47,211**	**33,307**	**636,434**	**360,433**	**276,001**	**76.6**	**110,170**	**5,993,409**	**3,902,071**	**2,091,338**	**53.6**	**793,353**	**$66,051,989**	**$19,695,384**
GEOGRAPHIC DIVISIONS:														
Middle Atlantic	.....	265	.....	1,198	—1,198	.....	2,053	.....	10,060	—10,060	.....	16,003	.....	51,594
East North Central	23,220	20,365	159,697	99,888	59,809	59.9	41,651	1,606,282	918,646	687,636	74.9	224,715	17,954,729	5,105,773
West North Central	2,350	1,450	67,792	13,218	54,574	412.9	10,776	652,386	121,059	531,327	438.9	78,429	6,883,668	584,934
West South Central	.....	.....	.....	.....	.....	.....	135	.....	.....	.....	.....	523	.....	.....
Mountain	19,644	10,087	315,257	165,407	149,850	90.6	9,940	3,020,692	1,995,968	1,024,724	51.3	96,537	32,033,801	9,569,872
Pacific	1,997	1,140	93,688	80,722	12,966	16.1	45,615	714,049	856,338	—142,289	—16.6	377,146	9,179,791	4,383,211
MIDDLE ATLANTIC:														
New York	.....	265	.....	1,198	—1,198	.....	2,053	.....	10,060	—10,060	.....	16,003	.....	51,594
EAST NORTH CENTRAL:														
Ohio	3,684	1,100	33,561	7,009	26,552	378.8	.....	365,415	63,546	301,869	475.0	.....	3,836,861	318,440
Indiana	622	68	4,119	690	3,429	497.0	.....	44,455	6,548	37,907	578.9	.....	444,550	37,577
Illinois	607	274	2,830	1,170	1,660	141.9	1,370	34,654	14,916	19,738	132.3	9,109	381,194	77,335
Michigan	14,812	14,639	106,450	78,711	27,739	35.2	40,247	1,025,550	706,990	318,560	45.1	215,373	11,793,836	4,010,178
Wisconsin	3,495	4,284	12,737	12,308	429	3.5	34	136,208	126,646	9,562	7.6	233	1,498,288	662,243
WEST NORTH CENTRAL:														
Minnesota	426	733	3,509	2,197	1,312	59.7	2,114	25,507	23,756	1,751	7.4	15,959	255,070	116,472
Iowa	309	211	7,009	1,030	5,979	580.5	.....	52,338	6,962	45,376	651.8	.....	601,889	33,897
South Dakota	51	.....	1,106	.....	1,106	.....	.....	11,953	.....	11,953	.....	.....	119,530	.....
Nebraska	1,531	316	54,486	4,182	50,304	.....	8,662	554,646	39,756	514,890	.....	62,470	5,823,786	179,593
Kansas	33	190	1,682	5,809	—4,127	—71.0	.....	7,942	50,585	—42,643	—84.3	.....	83,398	254,972
WEST SOUTH CENTRAL:														
Texas	.....	.....	.....	.....	.....	.....	135	.....	.....	.....	.....	523	.....	.....
MOUNTAIN:														
Montana	478	342	8,600	8,710	—110	—1.3	.....	73,824	108,776	—34,952	—32.1	.....	812,064	543,478
Idaho	2,760	1,030	37,334	15,598	21,736	139.4	.....	260,309	179,638	80,671	44.9	.....	2,733,248	813,460
Wyoming	386	124	9,935	1,181	8,754	741.2	.....	96,994	13,234	83,760	632.9	.....	1,018,438	60,374
Colorado	7,604	4,885	165,840	108,005	57,835	53.5	1,094	1,658,167	1,230,718	427,449	34.7	6,656	17,410,759	6,057,529
New Mexico	18	7	189	28	161	.....	1,298	971	167	804	481.4	3,965	10,681	828
Arizona	.....	65	.....	4,443	—4,443	.....	.....	.....	49,624	—49,624	.....	.....	.....	236,887
Utah	8,398	3,634	93,359	27,442	65,917	240.2	7,546	930,427	413,811	516,616	124.8	85,914	10,048,611	1,857,316
Nevada	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	2	.....	.....
PACIFIC:														
Washington	484	48	5,363	1,270	4,093	322.3	1,863	46,386	6,556	39,830	607.5	6,149	500,969	38,007
Oregon	25	21	68	781	—713	—91.3	2,510	797	6,513	—5,716	—87.8	14,462	9,564	31,223
California	1,488	1,071	88,257	78,671	9,586	12.2	41,242	666,866	843,269	—176,403	—20.9	356,535	8,669,258	4,313,981

TABLE 120.—SUGAR BEETS—PERCENTAGES AND AVERAGES, BY DIVISIONS AND STATES: 1899 TO 1919.

[All percentages and averages based on Table 119.]

DIVISION AND STATE.	PER CENT OF ALL FARMS REPORTING.		AVERAGE ACREAGE PER FARM.		PER CENT OF ALL IMPROVED LAND OCCUPIED.			AVERAGE YIELD PER ACRE (TONS).			AVERAGE VALUE PER TON.		Per cent distribution of acreage, 1919	PER CENT DISTRIBUTION OF PRODUCTION.		
	1919	1909	1919	1909	1919	1909	1899	1919	1909	1899	1919	1909		1919	1909	1899
United States	0.7	0.5	13.5	10.8	0.1	0.1	(1)	9.42	10.83	7.20	$11.02	$5.05	100.0	100.0	100.0	100.0
GEOGRAPHIC DIVISIONS:																
Middle Atlantic	.....	0.1	.....	4.5	.....	(1)	(1)	.....	8.40	7.79	.....	5.13	.....	.....	0.26	2.02
East North Central	2.1	1.8	6.9	4.9	0.2	0.1	(1)	10.06	9.20	5.40	11.18	5.56	25.09	26.80	23.54	28.32
West North Central	0.2	0.1	28.8	9.1	(1)	(1)	(1)	9.62	9.16	7.28	10.55	4.83	10.65	10.89	3.10	9.89
West South Central	.....	.....	.....	.....	.....	.....	(1)	.....	.....	3.87	.....	.....	.....	.....	.....	0.07
Mountain	8.0	5.5	16.0	16.4	1.0	1.0	0.1	9.58	12.07	9.71	10.60	4.79	49.53	50.40	51.15	12.17
Pacific	0.9	0.6	46.9	70.8	0.4	0.4	0.2	7.62	10.61	8.27	12.86	5.12	14.72	11.91	21.95	47.54
MIDDLE ATLANTIC:																
New York	.....	0.1	.....	4.5	.....	(1)	(1)	.....	8.40	7.79	.....	5.13	.....	.....	0.26	2.02
EAST NORTH CENTRAL:																
Ohio	1.4	0.4	9.1	6.4	0.2	(1)	.....	10.89	9.07	.....	10.50	5.01	5.27	6.10	1.63	.....
Indiana	0.3	(1)	6.6	10.1	(1)	(1)	.....	10.79	9.49	.....	10.00	5.74	0.65	0.74	0.17	.....
Illinois	0.3	0.1	4.7	4.3	(1)	(1)	(1)	12.25	12.75	6.65	11.00	5.18	0.44	0.58	0.38	1.15
Michigan	7.5	7.1	7.2	5.4	0.8	0.6	0.3	9.63	8.98	5.35	11.50	5.67	16.73	17.11	18.12	27.15
Wisconsin	1.8	2.4	3.6	2.9	0.1	0.1	(1)	10.69	10.29	6.85	11.00	5.23	2.00	2.27	3.25	0.03
WEST NORTH CENTRAL:																
Minnesota	0.2	0.5	8.2	3.0	(1)	(1)	(1)	7.27	10.81	7.55	10.00	4.90	0.55	0.43	0.61	2.01
Iowa	0.1	0.1	22.7	4.9	(1)	(1)	.....	7.47	6.76	.....	11.50	4.87	1.10	0.87	0.18	.....
South Dakota	0.1	.....	21.7	.....	(1)	.....	.....	10.81	.....	.....	10.00	.....	0.17	0.20	.....	.....
Nebraska	1.2	0.2	35.6	13.2	0.2	(1)	(1)	10.18	9.51	7.21	10.50	4.52	8.56	9.25	1.02	7.87
Kansas	(1)	0.1	51.0	30.6	(1)	(1)	.....	4.72	8.71	.....	10.50	5.04	0.26	0.13	1.30	.....
WEST SOUTH CENTRAL:																
Texas	.....	.....	.....	.....	.....	.....	(1)	.....	.....	3.87	.....	.....	.....	.....	.....	0.07
MOUNTAIN:																
Montana	0.8	1.3	18.0	25.5	0.1	0.2	.....	8.58	12.49	.....	11.00	5.00	1.35	1.23	2.79	.....
Idaho	0.6	3.3	13.5	15.1	0.8	0.6	.....	6.97	11.52	.....	10.50	4.53	5.87	4.34	4.60	.....
Wyoming	2.5	1.1	25.7	9.5	0.5	0.1	.....	9.76	11.21	.....	10.50	4.56	1.56	1.62	0.34	.....
Colorado	12.7	10.6	21.8	22.1	2.1	2.5	(1)	10.00	11.40	6.08	10.50	4.92	26.06	27.67	31.54	0.84
New Mexico	0.1	(1)	10.5	4.0	(1)	(1)	0.4	5.14	5.96	3.05	11.00	4.96	0.03	0.02	(2)	0.50
Arizona	.....	0.7	.....	68.4	.....	1.3	.....	.....	11.17	.....	.....	4.77	.....	.....	1.27	.....
Utah	32.7	16.8	11.1	7.6	5.4	2.0	0.7	9.97	15.08	11.39	10.80	4.49	14.67	15.52	10.60	10.83
Nevada	.....	.....	.....	.....	.....	.....	(1)	.....	.....	1.00	.....	.....	.....	.....	.....	(2)
PACIFIC:																
Washington	0.7	0.1	11.1	26.5	0.1	(1)	0.1	8.65	5.16	3.30	10.80	5.80	0.84	0.77	0.17	0.78
Oregon	(1)	(1)	2.7	37.2	(1)	(1)	0.1	11.72	8.34	5.76	12.00	4.79	0.01	0.01	0.17	1.82
California	1.3	1.2	59.3	73.5	0.7	0.7	0.3	7.56	10.72	8.64	13.00	5.12	13.87	11.13	21.61	44.94

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

Maple sugar and sirup.—The number of maple trees tapped in the United States in 1919 for the production of maple sugar and sirup was 17,457,144, as compared with 18,899,533 in 1909. The total production in 1919, in terms of sirup, was equivalent to 4,719,228 gallons, as against 5,859,447 gallons in 1909. The production in 1919, as actually reported, comprised 9,691,854 pounds of sugar, and 3,507,745 gallons of sirup. In computing the equivalent, 8 pounds of sugar were considered equal to 1 gallon of sirup. The value of the crop in 1919 was $12,381,376. The census data with regard to the production of maple sugar and sirup in the United States, beginning with the production of 1879, are given in Table 121. The principal statistics are also given, by divisions and states, in Tables 122 and 123.

TABLE 121.—MAPLE SUGAR AND SIRUP—SUMMARY FOR THE UNITED STATES: 1879 TO 1919.

[Figures for divisions and states in Tables 122 and 123.]

ITEM.	1919	1909	1899	1889	1879
Farms reporting	80,317	87,537	62,718	.....	.....
Per cent of all farms	1.2	1.4	1.1	.....	.....
Number of trees tapped	17,457,144	18,899,533	.....	.....	.....
Increase over preceding census [1]	−1,442,389	.....	.....	.....	.....
Per cent of increase [1]	−7.6	.....	.....	.....	.....
Trees per farm reporting	217	216	.....	.....	.....
Total production in terms of sirup (gallons)[2]	4,719,228	5,859,447	3,547,712	6,377,492	6,368,059
Increase over preceding census [1]	−1,140,219	2,311,735	−2,829,780	9,433	.....
Per cent of increase [1]	−19.5	65.2	−44.4	0.1	.....
Sugar (pounds)	9,691,854	14,024,206	11,928,770	32,952,927	36,576,061
Increase over preceding census [1]	−4,332,352	2,095,436	−21,024,157	−3,623,134	.....
Per cent of increase [1]	−30.9	17.6	−63.8	−9.9	.....
Sirup (gallons)	3,507,745	4,106,418	2,056,611	2,258,376	1,796,048
Increase over preceding census [1]	−598,673	2,049,807	−201,765	462,328	.....
Per cent of increase [1]	−14.6	99.7	−8.9	25.7	.....
Value, total	$12,381,376	$5,177,809	$2,636,711	.....	.....
Increase over preceding census	$7,203,567	$2,541,098	.....	.....	.....
Per cent of increase	139.1	96.4	.....	.....	.....
Value of sugar	$3,146,107	$1,380,492	$1,074,260	.....	.....
Value of sirup	$9,235,269	$3,797,317	$1,562,451	.....	.....
Per cent that value of maple sugar and sirup formed of total value of all crops	0.1	0.1	0.1	.....	.....

[1] A minus sign (−) denotes decrease. [2] The sirup equivalent of the sugar reported was computed on the basis of 8 pounds of sugar per gallon of sirup.

TABLE 122.—MAPLE SUGAR AND SIRUP—FARMS REPORTING, NUMBER OF TREES TAPPED, AND VALUE, 1919 AND 1909, AND PRODUCTION, 1879 TO 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	FARMS REPORTING.				TREES TAPPED.				TOTAL PRODUCTION IN TERMS OF SIRUP (GALLONS).					VALUE OF SUGAR AND SIRUP.			
	Number.		Per cent of all farms.		Number.		Average per farm.							Total.		Average per farm.	
	1919	1909	1919	1909	1919	1909	1919	1909	1919	1909	1899	1889	1879	1919	1909	1919	1909
United States	**80,317**	**87,537**	**1.2**	**1.4**	**17,457,144**	**18,899,533**	**217**	**216**	**4,719,228**	**5,859,447**	**3,547,712**	**6,377,492**	**6,368,059**	**$12,381,376**	**$5,177,809**	**$154**	**$59**
GEOGRAPHIC DIVISIONS:																	
New England	17,590	17,692	11.2	9.4	7,100,852	6,899,379	404	390	1,683,402	1,681,286	924,798	2,519,668	2,188,655	4,364,984	1,405,972	248	79
Middle Atlantic	32,666	35,989	7.7	7.7	5,847,405	6,248,064	179	174	1,673,025	1,928,681	1,205,092	2,129,566	2,102,656	4,288,450	1,712,934	131	48
East North Central	25,841	28,937	2.4	2.6	4,221,930	5,397,976	163	187	1,241,263	2,085,971	1,324,184	1,595,848	1,853,388	3,415,197	1,907,334	132	66
West North Central	1,791	1,660	0.2	0.1	106,381	125,960	59	76	31,488	40,190	14,755	47,369	68,779	86,399	49,151	48	30
South Atlantic	2,222	2,740	0.2	0.2	173,739	205,484	78	75	88,153	117,330	75,781	70,753	110,932	221,299	94,152	100	34
East South Central	196	497	(1)	(1)	6,348	21,583	32	43	1,807	5,798	2,976	14,207	43,447	4,846	8,014	25	16
West South Central	16	20	(1)	(1)	469	1,001	29	50	85	169	.....	42	.....	186	230	12	12
Mountain	.....	1	.....	(1)	.....	36	.....	(2)	.....	12	.....	39	202	.....	12	.....	(2)
Pacific	1	1	(1)	(1)	20	50	(2)	(2)	5	10	126	.....	.....	15	10	(2)	(2)
NEW ENGLAND:																	
Maine	2,168	2,274	4.5	3.8	234,478	252,764	108	111	45,261	45,895	16,712	82,385	101,173	136,405	52,137	63	23
New Hampshire	3,146	3,518	15.3	13.0	648,761	792,147	206	225	154,039	181,351	96,822	347,561	421,205	440,250	182,341	140	52
Vermont	10,340	10,066	35.6	30.8	5,955,513	5,585,632	576	555	1,413,391	1,375,805	758,402	1,983,742	1,535,726	3,580,369	1,086,933	346	108
Massachusetts	1,546	1,525	4.8	4.1	252,751	256,501	163	168	67,100	72,710	51,298	103,466	122,866	197,334	77,559	128	51
Rhode Island	20	2	0.5	(1)	326	39	16	(2)	98	13	.....	.....	.....	246	14	12	(2)
Connecticut	370	307	1.6	1.1	9,023	12,296	24	40	3,513	5,512	1,564	2,514	7,685	10,380	6,988	28	23
MIDDLE ATLANTIC:																	
New York	24,784	25,525	12.8	11.8	4,826,924	4,948,784	195	194	1,332,122	1,388,280	866,102	1,768,361	1,603,092	3,399,434	1,240,684	137	49
New Jersey	10	81	(1)	0.2	300	1,275	30	16	147	653	.....	160	646	367	1,037	37	13
Pennsylvania	7,866	10,383	3.9	4.7	1,020,181	1,298,005	130	125	340,756	539,748	338,990	361,045	498,918	888,649	471,213	113	45
EAST NORTH CENTRAL:																	
Ohio	8,663	12,103	3.4	4.4	2,269,199	3,170,828	262	262	701,925	1,355,630	1,000,268	924,087	857,812	1,933,790	1,099,248	223	91
Indiana	4,345	5,422	2.1	2.5	558,368	742,586	129	137	169,171	277,905	186,064	189,118	271,474	448,289	300,755	103	55
Illinois	446	557	0.2	0.2	38,341	48,098	86	86	12,294	19,163	9,868	15,636	50,101	33,853	23,502	76	42
Michigan	6,570	6,542	3.3	3.2	858,881	986,737	131	151	216,442	305,756	120,836	402,950	559,884	609,519	333,791	93	51
Wisconsin	5,817	4,313	3.1	2.4	497,141	449,727	85	104	141,431	127,517	7,148	64,057	114,117	389,746	150,038	67	35
WEST NORTH CENTRAL:																	
Minnesota	752	698	0.4	0.4	52,111	67,225	69	96	13,263	19,233	4,777	16,456	21,029	38,521	23,362	51	33
Iowa	352	398	0.2	0.2	19,838	23,965	56	60	5,306	9,368	2,952	20,053	24,105	14,619	11,495	42	29
Missouri	667	537	0.3	0.2	33,615	30,399	50	57	12,670	10,844	6,981	10,856	23,595	32,675	12,950	49	24
North Dakota	.....	1	.....	(1)	.....	1,000	.....	(2)	.....	58	.....	.....	.....	.....	100	.....	(2)
South Dakota	.....	1	.....	(1)	.....	8	.....	(2)	.....	3	.....	2	.....	.....	3	.....	(2)
Nebraska	.....	5	.....	(1)	.....	140	.....	(2)	.....	32	.....	2	50	.....	24	.....	(2)
Kansas	20	20	(1)	(1)	817	3,223	41	161	249	652	45	.....	.....	584	1,217	29	61
SOUTH ATLANTIC:																	
Maryland	203	218	0.4	0.4	74,549	79,658	367	365	42,025	56,161	38,845	20,557	24,053	108,407	34,386	534	158
Virginia	356	447	0.2	0.2	23,618	25,451	66	57	12,932	11,668	4,091	6,842	18,230	28,598	12,233	80	27
West Virginia	1,601	1,990	1.8	2.1	73,518	97,274	46	49	32,668	48,684	32,568	41,248	67,554	82,831	46,568	52	23
North Carolina	62	85	(1)	(1)	2,054	3,101	33	36	528	817	277	2,106	1,095	1,463	965	24	11
EAST SOUTH CENTRAL:																	
Kentucky	126	333	(1)	0.1	4,247	17,476	34	52	1,298	4,884	2,660	11,875	35,847	3,733	6,681	30	20
Tennessee	70	164	(1)	0.1	2,101	4,107	30	25	509	914	316	2,332	7,600	1,113	1,333	16	8
WEST SOUTH CENTRAL:																	
Arkansas	16	20	(1)	(1)	469	1,001	29	50	85	169	.....	42	.....	186	230	12	12
MOUNTAIN:																	
Montana	.....	1	.....	(1)	.....	36	.....	(2)	.....	12	.....	.....	.....	.....	12	.....	(2)
Nevada	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	202	.....	.....	.....	.....
PACIFIC:																	
Washington	1	1	(1)	(1)	20	50	(2)	(2)	5	10	126	.....	.....	15	10	(2)	(2)

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

[2] Averages not shown when the number of farms reporting was less than 10.

TABLE 123.—MAPLE SUGAR AND SIRUP—PRODUCTION, 1879 TO 1919, AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

DIVISION AND STATE.	MAPLE SUGAR.							MAPLE SIRUP.						
	Production (pounds).					Value.		Production (gallons).					Value.	
	1919	1909	1899	1889	1879	1919	1909	1919	1909	1899	1889	1879	1919	1909
United States	9,691,854	14,024,206	11,928,770	32,952,927	36,576,061	$3,146,107	$1,380,492	3,507,745	4,106,418	2,056,611	2,258,376	1,796,048	$9,235,269	$3,797,317
GEOGRAPHIC DIVISIONS:														
New England	6,684,772	8,468,175	5,425,160	16,900,264	15,069,241	2,160,580	811,451	847,805	622,764	246,652	407,136	304,999	2,204,404	594,521
Middle Atlantic	2,548,915	4,349,544	5,053,080	12,136,996	13,562,125	821,017	440,423	1,354,410	1,384,988	573,456	612,442	407,391	3,467,433	1,272,511
East North Central	177,532	616,877	976,875	3,425,963	7,083,078	67,188	72,740	1,219,071	2,008,861	1,202,074	1,167,603	968,002	3,348,009	1,834,594
West North Central	11,343	33,531	43,955	100,231	187,048	4,265	6,146	30,070	35,997	9,260	34,839	45,397	82,134	43,005
South Atlantic	264,642	540,249	426,200	368,712	576,738	91,446	46,697	55,073	49,798	22,505	24,663	38,839	129,853	47,455
East South Central	4,265	15,023	3,500	20,426	97,831	1,499	2,869	1,274	3,920	2,538	11,654	31,218	3,347	5,145
West South Central	385	807	.....	335	.....	112	166	37	68	.....	.....	.....	74	64
Mountain	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	39	202	.....	12
Pacific	.....	.....	.....	.....	.....	.....	.....	5	10	126	.....	.....	15	10
NEW ENGLAND:														
Maine	24,934	15,388	5,500	84,537	153,334	9,973	2,425	42,144	43,971	16,024	71,818	82,006	126,432	49,712
New Hampshire	329,723	558,811	441,870	2,124,515	2,731,945	118,701	63,688	112,824	111,500	41,588	81,997	79,712	321,549	118,653
Vermont	6,251,734	7,726,817	4,779,870	14,123,921	11,261,077	2,000,556	720,927	631,924	409,953	160,918	218,252	128,091	1,579,813	366,006
Massachusetts	73,198	156,952	192,990	558,674	878,793	29,278	22,277	57,950	53,091	27,174	33,632	13,017	168,056	55,282
Rhode Island	10	.....	.....	.....	.....	3	.....	97	13	.....	.....	.....	243	14
Connecticut	5,173	10,207	4,930	8,617	44,092	2,069	2,134	2,866	4,236	948	1,437	2,173	8,311	4,854
MIDDLE ATLANTIC:														
New York	2,012,932	3,160,300	3,623,540	10,485,623	10,693,619	644,141	333,638	1,080,505	993,242	413,159	457,658	266,390	2,755,293	907,046
New Jersey	29	1,195	.....	210	2,496	9	284	143	504	.....	134	334	358	753
Pennsylvania	535,954	1,188,049	1,429,540	1,651,163	2,866,010	176,867	106,501	273,762	391,242	160,297	154,650	140,667	711,782	364,712
EAST NORTH CENTRAL:														
Ohio	62,001	257,592	613,990	1,575,562	2,895,782	24,800	27,918	694,175	1,323,431	923,519	727,142	495,839	1,908,990	1,071,330
Indiana	14,487	33,419	51,900	67,329	235,117	4,785	3,950	167,360	273,728	179,576	180,702	242,084	443,504	296,805
Illinois	1,436	5,366	4,090	13,260	80,193	533	1,113	12,114	18,492	9,357	13,978	40,077	33,320	22,389
Michigan	77,178	293,301	302,715	1,641,402	3,423,149	28,557	35,341	206,795	269,093	82,997	197,775	131,990	580,962	298,450
Wisconsin	22,430	27,199	4,180	128,410	448,837	8,513	4,418	138,627	124,117	6,625	48,006	58,012	381,233	145,620
WEST NORTH CENTRAL:														
Minnesota	3,146	11,399	29,580	34,917	76,972	1,195	1,742	12,870	17,808	1,079	12,091	11,407	37,326	21,620
Iowa	3,130	6,173	2,320	45,120	50,710	1,095	1,212	4,915	8,596	2,662	14,413	17,766	13,524	10,283
Missouri	5,047	11,638	12,055	20,182	58,964	1,969	2,125	12,039	9,389	5,474	8,333	16,224	30,706	10,825
North Dakota	.....	300	.....	.....	.....	.....	60	.....	20	.....	.....	.....	.....	40
South Dakota	.....	5	.....	.....	.....	.....	1	.....	2	.....	2	.....	.....	2
Nebraska	.....	.....	.....	12	402	.....	.....	.....	32	.....	.....	.....	.....	24
Kansas	20	4,016	.....	.....	.....	6	1,006	246	150	45	.....	.....	578	211
SOUTH ATLANTIC:														
Maryland	150,957	351,908	264,160	156,284	176,076	52,835	24,985	23,155	12,172	5,825	1,021	2,043	55,572	9,401
Virginia	38,362	44,976	19,310	26,991	85,693	11,509	6,021	8,137	6,046	1,677	3,468	7,518	17,089	6,212
West Virginia	73,763	140,060	141,550	177,724	310,866	26,556	15,157	23,448	31,176	14,874	19,032	28,696	56,275	31,411
North Carolina	1,560	3,305	1,180	7,713	4,103	546	534	333	404	129	1,142	582	917	431
EAST SOUTH CENTRAL:														
Kentucky	2,393	10,697	2,340	11,259	66,535	936	1,988	999	3,547	2,367	10,468	27,530	2,797	4,693
Tennessee	1,872	4,326	1,160	9,167	31,296	563	881	275	373	171	1,186	3,688	550	452
WEST SOUTH CENTRAL:														
Arkansas	385	807	.....	335	.....	112	166	37	68	.....	.....	.....	74	64
MOUNTAIN:														
Montana	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	12
Nevada	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	202	.....	.....
PACIFIC:														
Washington	.....	.....	.....	.....	.....	.....	.....	5	10	126	.....	.....	15	10

MINOR CROPS.

Under this heading are included a variety of crops of comparatively small importance for the country as a whole, but often of considerable importance for certain states or counties. These crops can not be logically classified under any of the other group-designations, and are assembled here simply because of this fact, though they are in no way closely related to one another in use, method of production, or geographic distribution. Tables 124 and 125 show, for 1919 and 1909, the data relative to minor crops produced in the United States and in the several states reporting.

TABLE 124.—MINOR CROPS—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1879 TO 1919, BY STATES.

CROP AND STATE.	FARMS REPORTING.		ACREAGE.					PRODUCTION (POUNDS).					VALUE.	
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
Broom corn, total	**44,265**	**23,238**	**337,806**	**326,102**	**178,584**	**93,423**	(1)	**113,031,132**	**78,959,958**	**90,947,370**	**38,556,329**	**29,470,825**	**$7,945,163**	**$5,134,434**
Massachusetts		2		2	11	1			2,160	7,050	800	54,381		168
Connecticut	1	2	(2)	(2)		1		100	150		543	4,272	7	14
New York	18	10	3	2	356	993		2,809	1,001	201,060	450,380	2,926,742	255	97
New Jersey	11	10	14	11	11	6		9,979	6,760	4,810	3,010	27,102	799	658
Pennsylvania	3,715	727	946	108	221	57		294,597	45,582	114,610	36,319	251,269	23,567	5,253
Ohio	1,716	383	735	170	802	1,574		346,112	92,292	537,160	801,957	1,504,165	24,228	9,116
Indiana	973	335	613	323	815	413		245,782	153,259	384,170	157,231	430,159	29,493	13,461
Illinois	1,461	1,854	16,409	38,452	95,137	34,340		9,244,739	19,309,425	60,665,520	15,932,502	11,645,101	1,109,364	1,457,172
Michigan	26	9	27	4	51	11		9,491	2,200	23,620	5,079	62,235	1,139	233
Wisconsin	16	12	11	28	64	157		5,105	14,830	38,850	92,468	201,121	461	1,026
Minnesota	15	13	7	13	149	80		3,225	10,259	76,960	42,090	68,433	291	738
Iowa	139	49	168	156	2,220	1,108		103,250	75,370	1,178,130	567,072	1,169,967	11,358	6,670
Missouri	2,650	1,225	3,072	5,339	10,219	2,618		700,351	1,774,536	3,693,370	1,051,139	3,159,466	56,026	115,243
North Dakota [3]		3		18	3				7,250	2,000		2,450		725
South Dakota [3]	15	14	89	64	239	237		28,860	35,400	100,570	117,200		2,808	3,408
Nebraska	39	51	506	458	6,627	16,792		170,886	157,146	2,733,290	6,514,763	1,751,807	11,963	11,116
Kansas	569	1,728	11,447	41,064	34,383	30,717		3,525,370	8,768,853	11,813,310	10,809,434	5,683,018	246,778	593,947
Delaware	98	21	9	13	4	14		4,711	4,198	3,660	2,430	7,358	118	492
Maryland	712	291	234	19	93	8		80,557	18,599	35,910	3,368	40,472	5,639	2,006
Virginia	2,046	666	360	107	1,762	140		116,045	46,016	663,390	43,159	127,976	6,969	3,586
West Virginia	913	397	125	45	82	31		39,989	30,456	32,570	13,743	125,348	2,398	3,229
North Carolina	516	128	71	15	67	15		23,795	6,493	30,490	6,155		1,432	549
South Carolina	19	3	2	2	21	54		985	650	11,280	14,463		59	63
Georgia	446	8	100	22	31	33		52,811	7,067	18,100	7,939		2,644	694
Florida					34	171				3,390	196,820			
Kentucky	3,575	1,041	353	342	839	195		117,545	157,286	384,550	93,063		7,053	13,641
Tennessee	6,138	2,220	2,247	1,348	3,444	1,439		784,055	347,064	1,015,460	409,436		50,961	27,733
Alabama	825	115	295	52	152	61		57,522	17,910	56,290	25,698		2,705	1,562
Mississippi	426	43	309	154	214	41		88,081	60,574	143,750	24,776		5,286	5,548
Arkansas	2,038	294	911	332	879	135		282,892	106,576	304,690	52,701		22,628	8,198
Louisiana	489	263	207	320	107	24		68,313	92,208	41,120	11,420		4,098	7,285
Oklahoma [4]	11,108	10,151	232,733	216,350	12,763	59		71,592,015	42,741,725	3,565,510	16,550		5,011,446	2,559,235
Texas	2,295	531	39,748	9,448	3,743	596		14,285,432	2,368,490	1,638,150	315,741		714,286	140,533
Idaho	8		17		1	13		7,143		300	4,240	300	429	
Wyoming	2		15					6,015					361	
Colorado	556	240	10,588	5,631	1,241	301		4,629,360	1,187,791	226,550	60,165	3,000	259,244	71,717
New Mexico	602	368	13,113	4,470	14	102		5,275,998	644,892	5,800	24,500		263,801	33,492
Arizona	8	1	50	14	30			19,021	6,000	21,100		200	1,331	400
Utah	4	1	23	(2)	19	16		12,000	200	4,830	14,000	15,865	600	12
Washington	4	5	4	183	67	55		1,675	45,040	20,000	22,000	17,018	101	2,905
Oregon	6		7					2,500					176	
California	67	24	2,178	1,023	1,669	815		792,026	614,250	1,146,000	611,975	191,600	63,361	32,509
Hemp, total	**573**	**536**	**7,252**	**7,647**	**16,042**	**24,881**	(1)	**7,148,215**	**7,483,295**	**11,750,630**	**25,636,880**	**10,870,720**	**$1,175,037**	**412,699**
Maine		1		15					25,000					1,250
Pennsylvania		7		(2)	3				7,192	3,850				387
Ohio	21		1,574					2,172,652					434,531	
Indiana	9	5	289	335				195,600	395,467				29,340	21,755
Illinois	1	1	60	(2)	783	1,178		60,000	50	515,400	1,245,440	136,640	9,000	5
Michigan	3		244					255,666					38,350	
Wisconsin	432	3	3,314	7				2,938,124	6,510				440,720	426
Minnesota	20		293					195,119					29,268	
Missouri		1		15	10	79			5,500	2,000	69,440	468,160		288
North Dakota	22		373					396,266					59,440	
South Dakota	15		252					209,543					31,431	
Nebraska					638	134				305,400	118,800			
Maryland		13		(2)					723					118
Virginia		2		2					2,600					151
Kentucky	44	490	721	6,855	14,107	23,468		583,121	6,420,232	10,303,560	24,178,560	10,265,920	81,688	348,386
Tennessee		4		(2)					121					18
Mississippi	4		19					5,124					769	
Arkansas					1					420				
Louisiana		1		(2)					20					2
Oklahoma		2		40					3,530					201
Colorado		3		77					16,300					700
New Mexico		1		1					50					12
California	2	2	113	300	500	22		137,000	600,000	620,000	24,640		20,550	39,000

[1] Acreage of broom corn and hemp not reported for 1879.
[2] Less than 1 acre.
[3] 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.
[4] Figures for 1899 include Indian Territory; those for 1889 are for Oklahoma Territory alone, no data being available for Indian Territory.

TABLE 124.—MINOR CROPS—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1879 TO 1919, BY STATES—Continued.

CROP AND STATE.	FARMS REPORTING.		ACREAGE.					PRODUCTION (POUNDS).					VALUE.	
	1919	1909	1919	1909	1899	1889	1879	1919	1909	1899	1889	1879	1919	1909
Hops, total	683	3,957	15,954	44,693	55,613	50,190	46,800	19,760,793	40,718,748	49,209,704	39,152,220	26,546,375	$10,364,464	$7,844,745
Maine					(1)	37	219			60	24,873	48,214		
New Hampshire					(1)	15	59			60	9,036	23,955		
Vermont					6	81	264			4,400	51,705	109,350		
Massachusetts		3		(1)	13	2	23		20	7,480	800	9,895		7
Rhode Island					(1)					40				
Connecticut		1		(1)					15					2
New York	162	2,147	1,024	12,023	27,532	36,670	39,072	723,824	8,677,138	17,332,340	20,063,029	21,628,931	535,629	2,597,981
New Jersey		4		(1)	(1)				38	75				7
Pennsylvania	18	132	(1)	(1)	13	4	83	69	2,205	13,710	1,500	36,995	39	340
Ohio		14		18	3		9		2,428	2,910		5,510		305
Indiana	8	13	(1)	(1)	1	29	69	224	56	640	10,464	21,236	45	19
Illinois		12		(1)	2	44	21		86	690	22,300	7,788		18
Michigan		7		(1)	10	121	491		58	3,560	64,815	266,010		14
Wisconsin		4		30	342	967	4,439		13,290	165,346	428,547	1,966,827		9,041
Minnesota		7		(1)	(1)	2	30		372	51	500	10,928		38
Iowa		13		(1)	(1)		51		2,625	120		16,915		251
Missouri	35	13	1	2	1	1		1,264	296	383	310		252	36
South Dakota					(1)					50				
Nebraska	1	2	16	(1)	(1)			3,175	104	50			508	21
Kansas		1		(1)			1		10			500		3
Delaware		3		4					28					14
Maryland		27		7	(1)				461	230				73
Virginia		9		6	(1)		12		4,039	165		1,699		260
West Virginia	7	27	(1)	(1)	1			49	257	662			27	52
North Carolina		7		1	(1)				763	85				86
Kentucky		3		6	4				4,005	1,668				651
Tennessee	21	5	27	(1)	(1)			12,571	220	307			5,028	29
Alabama		1		2	1				100	440				10
Mississippi					(1)					15				
Arkansas					1					530				
Louisiana		1		(1)					5					2
Texas	3		10					5,520					828	
Idaho		2		(1)	63				110	58,870				22
Arizona					1					600				
Utah	1		(1)					58					29	
Nevada					(1)					100				
Washington	76	155	1,129	2,433	5,296	5,113	534	1,615,761	3,432,504	6,813,830	8,313,280	703,277	727,092	665,493
Oregon	207	1,071	5,629	21,770	15,433	3,130	304	4,788,223	16,582,562	14,675,577	3,613,726	244,371	2,537,758	2,838,860
California	144	273	8,118	8,391	6,890	3,974	1,119	12,610,055	11,994,953	10,124,660	6,547,338	1,444,077	6,557,229	1,731,110

[1] Less than 1 acre.

TABLE 125.—OTHER MINOR CROPS—ACREAGE, PRODUCTION, AND VALUE, BY STATES: 1919 AND 1909.

CROP AND STATE.	ACREAGE.[1]		PRODUCTION.		VALUE.	
	1919	1909	1919	1909	1919	1909
			Pounds.	*Pounds.*		
Cassava, total	123	.....	783,702	.....	$3,918	.....
California	123	.....	783,702	.....	3,918	.....
			Pounds.	*Pounds.*		
Chicory, total	1,784	1,589	18,196,063	19,284,000	90,980	$70,460
Michigan	1,784	1,584	18,196,063	19,204,000	90,980	70,020
California	.....	5	.....	80,000	.....	440
			Bushels.	*Bushels.*		
Chufas, total	917	2,193	16,636	44,792	64,712	90,585
North Carolina	31	376	578	6,880	2,312	10,529
South Carolina	.....	141	.....	2,192	.....	3,559
Georgia	105	481	1,625	12,531	5,689	28,194
Florida	706	1,072	12,810	21,500	51,240	43,470
Alabama	47	82	848	782	2,758	3,106
Mississippi	28	28	775	610	2,713	1,377
Louisiana	.....	11	.....	197	.....	300
Texas	.....	2	.....	100	.....	50
			Pounds.	*Pounds.*		
Ginseng, total	54	23	18,561	.....	129,927	151,888
New Hampshire	.....	.....	.....	.....	.....	100
Vermont	.....	.....	.....	.....	.....	191
Massachusetts	.....	.....	.....	.....	.....	225
Connecticut	.....	.....	25	.....	175	817
New York	.....	.....	88	.....	616	27,138
New Jersey	.....	.....	.....	.....	.....	21
Pennsylvania	1	.....	409	.....	2,863	15,291
Ohio	10	.....	2,526	.....	17,682	16,639
Indiana	1	.....	338	.....	2,366	3,818
Illinois	2	.....	1,700	.....	11,900	770
Michigan	10	.....	4,595	.....	32,165	13,794
Wisconsin	12	16	5,251	.....	36,757	25,977
Minnesota	7	.....	2,048	.....	14,336	7,640
Iowa	4	.....	145	.....	1,015	2,362
Missouri	.....	.....	.....	.....	.....	21,868
Virginia	.....	.....	145	.....	1,015	665
West Virginia	.....	1	300	.....	2,100	685
Ginseng—Continued.			*Pounds.*	*Pounds.*		
North Carolina	.....	.....	.....	.....	.....	$66
Georgia	.....	.....	.....	.....	.....	400
Kentucky	2	.....	335	.....	$2,345	3,608
Tennessee	.....	6	4	.....	28	3,292
Alabama	.....	.....	.....	.....	.....	100
Mississippi	.....	.....	.....	.....	.....	63
Arkansas	.....	.....	286	.....	2,002	342
Washington	5	.....	366	.....	2,562	5,785
Oregon	.....	.....	.....	.....	.....	231
			Pounds.	*Pounds.*		
Mint (mint oil), total	11,210	8,195	288,254	158,091	1,440,525	253,000
New York	9	21	745	301	2,980	499
Ohio	100	.....	1,200	.....	6,000	.....
Indiana	7,107	1,814	171,085	36,621	855,425	58,110
Michigan	3,878	6,360	113,135	121,169	565,675	194,391
Oregon	116	.....	2,089	.....	10,445	.....
			Thousands.	*Thousands.*		
Teasels, total	78	162	16,140	15,536	48,420	13,760
New York	78	110	16,140	12,106	48,420	10,760
Oregon	.....	52	.....	3,430	.....	3,000
			Tons.	*Tons.*		
Willows, total	255	661	476	857	30,180	44,175
New York	214	405	439	667	26,340	19,038
Pennsylvania	15	6	10	12	600	380
Ohio	6	3	2	2	320	272
Indiana	17	12	22	9	2,860	1,035
Illinois	.....	5	.....	10	.....	600
Michigan	.....	25	.....	1	.....	87
Wisconsin	.....	4	.....	3	.....	338
Maryland	.....	159	.....	112	.....	16,800
Kentucky	.....	37	.....	39	.....	4,847
Tennessee	3	.....	3	.....	60	.....
Texas	.....	3	.....	(2)	.....	90
Washington	.....	.....	.....	2	.....	288
California	.....	2	.....	(2)	.....	400

[1] Acreage not shown when reported in small fractions or when less than 1 acre.

[2] Less than 1 ton.

FRUITS AND NUTS.

Small fruits.—The total acreage of small fruits or berries harvested in 1919 was 249,084, as compared with 272,460 in 1909.

The statistics for small fruits are summarized for the United States in Table 126, while Table 127 gives the totals for all small fruits combined, by divisions and states. Figures for the individual crops, comprising strawberries, raspberries, loganberries, blackberries and dewberries, cranberries, currants, and "other berries" (mainly gooseberries) are given in Tables 128 to 135, inclusive.

TABLE 126.—SMALL FRUITS—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, FOR THE UNITED STATES.

[Figures for divisions and states in Tables 127, 128, 129, 130, 131, 132, 133, 134, and 135.]

CROP.	FARMS REPORTING.		ACREAGE.					PRODUCTION (QUARTS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909–1919.[1] Amount.	Increase, 1909–1919.[1] Per cent.	1899	1919	1909	Increase, 1909–1919.[1] Amount.	Increase, 1909–1919.[1] Per cent.	1899	1919	1909
Total	545,823	.....	249,084	272,460	−23,376	−8.6	309,770	324,988,968	426,565,863	−101,576,895	−23.8	463,218,612	$61,732,161	$29,974,481
Strawberries	323,186	216,544	119,395	143,045	−23,650	−16.5	151,363	176,931,550	255,702,035	−78,770,485	−30.8	257,427,103	36,604,245	17,913,926
Raspberries and loganberries	.....	116,929	54,256	48,668	5,588	11.5	60,916	61,333,509	60,918,196	415,313	0.7	76,628,107	13,386,125	5,132,277
Raspberries	153,953	.....	50,278	.....	.....	.....	.....	49,210,447	.....	.....	.....	.....	11,596,110	.....
Loganberries	7,033	.....	3,978	.....	.....	.....	.....	12,123,062	.....	.....	.....	.....	1,790,015	.....
Blackberries and dewberries	146,079	141,157	46,165	49,004	−2,839	−5.8	50,211	39,945,078	55,343,570	−15,398,492	−27.8	62,189,885	7,117,972	3,909,831
Cranberries	2,597	3,910	16,804	18,431	−1,627	−8.8	20,364	35,260,291	38,243,060	−2,982,769	−7.8	31,600,512	3,197,979	1,755,613
Currants	39,200	62,093	7,379	7,862	−483	−6.1	12,865	7,614,817	10,448,532	−2,833,715	−27.1	18,592,695	1,421,908	790,431
Other berries	32,533	.....	5,085	5,450	−365	−6.7	14,051	3,903,723	5,910,470	−2,006,747	−34.0	16,780,310	693,932	472,403

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

TABLE 127.—SMALL FRUITS—FARMS REPORTING, 1919; ACREAGE AND PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	Farms reporting, 1919	ACREAGE.					PRODUCTION (QUARTS).					VALUE.	
		1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909
United States	545,823	249,084	272,460	—23,376	—8.6	309,770	324,988,968	426,565,863	—101,576,895	—23.8	463,218,612	$61,732,161	$29,974,481
GEOGRAPHIC DIVISIONS:													
New England	25,152	14,385	13,777	608	4.4	13,647	32,265,709	37,631,006	—5,365,297	—14.3	34,456,696	4,133,504	2,469,094
Middle Atlantic	61,279	44,706	55,243	—10,537	—19.1	62,672	56,957,446	90,300,863	—33,343,417	—36.9	87,975,716	11,811,201	6,004,636
East North Central	145,318	57,239	56,957	282	0.5	92,616	63,702,944	73,745,968	—10,043,024	—13.6	137,580,655	12,244,568	5,813,117
West North Central	139,134	35,322	35,587	—265	—0.7	34,810	37,368,041	46,275,534	—8,907,493	—19.2	45,374,254	7,803,013	3,921,982
South Atlantic	49,064	25,319	45,403	—20,084	—44.2	49,403	28,198,785	72,300,168	—44,101,383	—61.0	73,878,565	5,457,777	4,122,467
East South Central	49,262	20,943	18,994	1,949	10.3	21,380	23,457,806	22,182,689	1,275,117	5.7	26,751,730	4,282,592	1,553,767
West South Central	33,192	22,713	19,417	3,296	17.0	17,519	26,666,084	23,878,888	2,787,196	11.7	22,639,210	5,413,115	1,771,332
Mountain	14,951	4,624	6,765	—2,141	—31.6	5,127	5,050,860	10,587,207	—5,536,347	—52.3	7,927,305	1,075,167	946,263
Pacific	28,471	23,833	20,317	3,516	17.3	12,596	51,321,293	49,663,540	1,657,753	3.3	26,634,481	9,511,224	3,371,823
NEW ENGLAND:													
Maine	6,153	1,573	1,260	313	24.8	1,585	1,561,647	2,285,415	—723,768	—31.7	1,754,688	378,714	233,124
New Hampshire	3,394	1,071	618	453	73.3	730	753,969	998,244	—244,275	—24.5	1,261,176	184,266	107,365
Vermont	3,657	694	469	225	48.0	418	749,032	826,122	—77,090	—9.3	930,260	187,580	92,030
Massachusetts	8,026	9,628	9,552	76	0.8	8,346	27,099,119	29,260,143	—2,161,024	—7.4	25,882,372	2,900,249	1,676,790
Rhode Island	738	246	281	—35	—12.5	581	339,064	437,560	—98,496	—22.5	789,698	65,666	43,033
Connecticut	3,184	1,173	1,597	—424	—26.5	1,987	1,762,878	3,823,522	—2,060,644	—53.9	3,838,502	417,029	316,752
MIDDLE ATLANTIC:													
New York	30,726	20,412	22,496	—2,084	—9.3	25,051	25,713,901	37,857,829	—12,143,928	—32.1	40,375,854	5,951,505	2,875,495
New Jersey	6,416	15,614	24,069	—8,455	—35.1	25,350	20,289,727	38,822,987	—18,533,260	—47.7	28,339,302	3,526,203	1,954,125
Pennsylvania	24,137	8,680	8,678	2	(1)	12,271	10,953,818	13,620,047	—2,666,229	—19.6	19,260,560	2,333,493	1,175,016
EAST NORTH CENTRAL:													
Ohio	19,581	9,447	11,591	—2,144	—18.5	21,121	11,963,128	15,721,023	—3,757,895	—23.9	33,736,030	2,359,379	1,296,343
Indiana	21,575	7,565	5,919	1,646	27.8	13,115	6,812,972	7,424,831	—611,859	—8.2	22,088,205	1,374,521	612,725
Illinois	38,737	11,215	11,723	—508	—4.3	16,794	10,591,818	13,602,676	—3,010,858	—22.1	26,129,216	2,064,524	1,109,747
Michigan	31,254	21,021	21,419	—398	—1.9	29,197	23,946,801	27,214,659	—3,267,858	—12.0	40,168,178	4,736,480	2,028,865
Wisconsin	34,171	7,991	6,305	1,686	26.7	12,380	10,388,225	9,782,779	605,446	6.2	15,459,026	1,709,664	765,437
WEST NORTH CENTRAL:													
Minnesota	27,449	5,008	3,738	1,270	34.0	3,092	6,165,120	4,476,575	1,688,545	37.7	4,542,640	1,316,594	493,406
Iowa	46,660	7,885	7,211	674	9.3	9,635	8,837,293	10,344,052	—1,506,759	—14.6	11,327,132	1,911,767	966,894
Missouri	41,566	16,768	17,009	—241	—1.4	14,860	17,769,936	23,696,221	—5,926,285	—25.0	21,484,920	3,624,941	1,761,409
North Dakota	3,162	524	399	125	31.3	67	170,771	285,696	—114,925	—40.2	70,152	40,979	39,641
South Dakota	4,281	412	419	—7	—1.7	161	224,398	401,295	—176,897	—44.1	165,744	52,538	47,263
Nebraska	6,162	1,147	1,411	—264	—18.7	1,171	647,321	1,594,421	—947,100	—59.4	1,211,630	143,401	159,169
Kansas	9,854	3,578	5,400	—1,822	—33.7	5,824	3,553,202	5,477,274	—1,924,072	—35.1	6,572,036	712,793	454,200
SOUTH ATLANTIC:													
Delaware	2,322	3,915	8,687	—4,772	—54.9	10,599	4,362,473	14,425,209	—10,062,736	—69.8	13,670,380	783,567	649,732
Maryland	6,626	8,360	16,595	—8,235	—49.6	17,522	10,278,972	26,277,054	—15,998,082	—60.9	27,957,590	1,848,259	1,227,548
District of Columbia	28	21	12	9	.....	82	25,789	24,109	1,680	7.0	126,332	4,866	1,875
Virginia	9,635	3,518	7,295	—3,777	—51.8	8,796	4,439,964	11,342,980	—6,903,016	—60.9	13,473,920	861,680	671,843
West Virginia	11,326	3,162	2,913	249	8.5	1,994	2,092,376	2,336,562	—244,186	—10.5	2,388,070	400,638	191,002
North Carolina	9,737	4,099	6,701	—2,602	—38.8	6,837	4,776,710	12,827,427	—8,050,717	—62.8	11,934,060	947,714	853,076
South Carolina	2,919	498	856	—358	—41.8	591	269,248	1,408,099	—1,138,851	—80.9	959,305	61,440	113,254
Georgia	4,631	842	988	—146	—14.8	1,634	625,783	1,262,155	—636,372	—50.4	1,597,928	134,644	111,754
Florida	1,840	904	1,356	—452	—33.3	1,348	1,327,470	2,396,573	—1,069,103	—44.6	1,770,980	414,969	302,383
EAST SOUTH CENTRAL:													
Kentucky	23,058	6,163	4,387	1,776	40.5	6,126	5,323,010	4,972,702	350,308	7.0	8,362,560	1,007,119	357,597
Tennessee	16,805	12,544	12,539	5	(1)	12,944	14,620,175	13,895,493	724,682	5.2	15,200,120	2,552,651	923,613
Alabama	6,762	1,477	1,232	245	19.9	761	2,125,418	1,907,193	218,225	11.4	953,570	420,799	165,386
Mississippi	2,637	759	836	—77	—9.2	1,540	1,389,203	1,407,301	—18,098	—1.3	1,735,480	302,023	107,171
WEST SOUTH CENTRAL:													
Arkansas	10,255	9,873	8,032	1,841	22.9	10,819	12,538,205	8,965,572	3,572,633	39.8	14,097,990	2,584,502	601,722
Louisiana	1,885	4,052	3,587	465	13.0	1,408	5,342,180	6,420,207	—1,078,027	—16.8	1,856,510	1,227,432	486,088
Oklahoma [2]	8,719	2,649	2,745	—96	—3.5	1,388	1,899,073	2,310,367	—411,294	—17.8	1,475,790	355,306	202,291
Texas	12,333	6,139	5,053	1,086	21.5	3,904	6,886,626	6,182,742	703,884	11.4	5,208,920	1,245,875	480,331
MOUNTAIN:													
Montana	1,925	386	562	—176	—31.3	554	338,087	766,791	—428,704	—55.9	1,033,885	75,652	86,586
Idaho	5,543	1,240	1,673	—433	—25.9	957	1,106,208	2,071,141	—964,933	—46.6	1,246,110	225,678	201,525
Wyoming	463	87	106	—19	—17.9	37	56,824	96,883	—40,059	—41.3	37,330	15,885	13,984
Colorado	3,366	1,798	2,829	—1,031	—36.4	2,347	2,213,619	4,294,988	—2,081,369	—48.5	3,649,230	482,533	398,836
New Mexico	504	120	66	54	.....	48	53,750	76,532	—22,782	—29.8	59,690	11,998	9,335
Arizona	317	58	76	—18	.....	79	62,467	112,190	—49,723	—44.3	129,470	14,048	12,987
Utah	2,567	910	1,416	—506	—35.7	1,052	1,198,200	3,118,395	—1,920,195	—61.6	1,694,730	244,486	217,327
Nevada	266	25	37	—12	.....	53	21,705	50,287	—28,582	—56.8	76,860	4,887	5,683
PACIFIC:													
Washington	11,594	7,434	5,508	1,926	35.0	2,845	16,884,745	13,490,930	3,393,815	25.2	5,406,996	3,490,388	941,415
Oregon	9,587	8,463	5,122	3,341	65.2	3,470	18,977,822	9,348,490	9,629,332	103.0	6,645,534	2,927,984	641,194
California	7,290	7,936	9,687	—1,751	—18.1	6,281	15,458,726	26,824,120	—11,365,394	—42.4	14,581,951	3,092,852	1,789,214

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

[2] Figures for 1899 include Indian Territory.

TABLE 128.—STRAWBERRIES—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.					PRODUCTION (QUARTS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909
United States	**323,186**	**216,544**	**119,395**	**143,045**	**—23,650**	**—16.5**	**151,363**	**176,931,550**	**255,702,035**	**—78,770,485**	**—30.8**	**257,427,103**	**$36,004,245**	**$17,913,926**
GEOGRAPHIC DIVISIONS:														
New England	15,114	13,757	3,353	4,432	—1,079	—24.3	4,203	6,319,419	11,741,829	—5,422,410	—46.2	10,181,750	1,562,569	1,068,887
Middle Atlantic	35,731	33,687	13,909	19,202	—5,293	—27.6	21,724	24,065,552	43,747,240	—19,681,688	—45.0	37,303,410	5,225,366	2,875,672
East North Central	98,456	53,425	24,258	23,604	654	2.8	35,545	36,133,472	39,698,906	—3,565,434	—9.0	66,465,200	6,730,264	3,037,873
West North Central	94,597	52,831	18,147	16,433	1,714	10.4	13,873	26,048,603	26,308,539	—259,936	—1.0	22,488,270	5,441,459	2,152,142
South Atlantic	29,209	27,627	18,058	37,280	—19,222	—51.6	37,847	23,497,227	63,124,937	—39,627,710	—62.8	62,595,123	4,653,123	3,565,529
East South Central	22,103	12,772	16,038	14,253	1,785	12.5	17,666	19,673,040	17,648,063	2,024,977	11.5	22,802,190	3,730,408	1,257,412
West South Central	9,311	7,348	13,136	13,917	—781	—5.6	12,993	17,690,967	19,701,936	—2,010,969	—10.2	17,524,300	3,812,882	1,440,466
Mountain	5,761	4,791	1,623	3,115	—1,492	—47.9	2,034	2,158,654	5,030,445	—2,871,791	—57.1	3,960,630	493,290	441,586
Pacific	12,904	10,306	10,873	10,809	64	0.6	5,478	21,344,616	28,700,140	—7,355,524	—25.6	14,106,230	4,354,884	2,074,359
NEW ENGLAND:														
Maine	3,435	3,464	555	698	—143	—20.5	512	893,740	1,626,250	—732,510	—45.0	1,066,860	223,438	168,847
New Hampshire	2,197	1,594	366	310	56	18.1	307	489,774	638,057	—148,283	—23.2	568,640	117,545	68,552
Vermont	1,999	1,240	275	276	—1	—0.4	232	428,335	615,820	—187,485	—30.4	598,020	107,086	68,600
Massachusetts	4,866	4,654	1,431	2,015	—584	—29.0	2,027	3,151,371	5,518,867	—2,367,496	—42.9	4,997,240	787,844	495,438
Rhode Island	503	545	90	140	—50	—35.7	154	116,646	326,540	—209,894	—64.3	381,870	29,162	31,712
Connecticut	2,114	2,260	636	993	—357	—36.0	971	1,239,553	3,016,295	—1,776,742	—58.9	2,569,120	297,494	235,648
MIDDLE ATLANTIC:														
New York	15,237	14,086	4,872	6,382	—1,510	—23.7	7,311	8,579,563	15,945,863	—7,366,300	—46.2	13,849,860	1,973,304	1,187,410
New Jersey	5,041	6,086	5,029	8,684	—3,655	—42.1	8,746	8,301,893	18,767,473	—10,465,580	—55.8	13,274,120	1,743,400	929,108
Pennsylvania	15,453	13,515	4,008	4,136	—128	—3.1	5,667	7,184,096	9,033,904	—1,849,808	—20.5	10,179,430	1,508,662	759,154
EAST NORTH CENTRAL:														
Ohio	13,120	8,799	4,172	4,706	—534	—11.3	9,373	7,165,957	8,501,065	—1,335,108	—15.7	17,916,080	1,361,527	677,767
Indiana	13,209	5,433	3,401	2,574	827	32.1	4,714	4,277,646	3,759,132	518,514	13.8	9,669,710	855,538	310,430
Illinois	24,952	10,311	4,985	5,410	—425	—7.9	7,113	6,901,199	8,031,824	—1,130,625	—14.1	13,151,330	1,311,235	613,917
Michigan	24,987	16,798	8,048	8,051	—3	(1)	10,837	12,585,543	14,218,768	—1,633,225	—11.5	18,384,340	2,265,400	1,000,788
Wisconsin	25,188	12,084	3,652	2,863	789	27.6	3,508	5,203,127	5,188,117	15,010	0.3	7,343,740	936,564	434,971
WEST NORTH CENTRAL:														
Minnesota	21,282	9,420	2,768	1,873	895	47.8	1,302	4,111,969	2,730,099	1,381,870	50.6	2,506,020	863,520	268,772
Iowa	36,662	19,871	4,472	2,917	1,555	53.3	2,335	6,606,592	5,330,105	1,276,487	23.9	3,164,820	1,387,381	479,511
Missouri	24,603	13,429	8,645	9,048	—403	—4.5	7,498	12,861,820	15,171,034	—2,309,214	—15.2	13,018,460	2,700,975	1,122,784
North Dakota	837	883	93	88	5	.....	3	47,157	66,028	—18,871	—28.6	4,040	10,375	10,445
South Dakota	2,212	1,836	227	226	1	0.4	62	141,163	238,164	—97,001	—40.7	65,430	32,467	26,764
Nebraska	3,597	3,425	754	562	192	34.2	369	451,798	654,061	—202,263	—30.9	408,350	99,398	65,772
Kansas	5,404	3,967	1,188	1,719	—531	—30.9	2,304	1,828,104	2,119,048	—290,944	—13.7	3,321,650	347,343	178,094
SOUTH ATLANTIC:														
Delaware	2,163	3,625	3,503	7,194	—3,691	—51.3	6,344	4,056,028	12,730,265	—8,674,237	—68.1	10,498,640	730,085	569,354
Maryland	5,260	7,468	7,096	14,292	—7,196	—50.3	13,980	8,976,057	23,611,095	—14,635,038	—62.0	24,035,640	1,615,691	1,070,072
District of Columbia	18	16	10	11	—1	.....	50	16,882	18,709	—1,827	—9.8	84,480	3,376	1,395
Virginia	5,772	4,051	2,446	6,606	—4,160	—63.0	7,821	3,808,278	10,761,381	—6,958,103	—64.7	12,270,300	760,656	626,649
West Virginia	3,905	2,408	1,006	709	297	41.9	799	840,273	812,049	28,224	3.5	1,068,300	168,056	74,778
North Carolina	5,796	5,668	2,186	5,420	—3,234	—59.7	5,616	3,807,598	10,313,361	—6,505,763	—63.1	10,674,610	799,590	712,126
South Carolina	2,067	1,383	312	815	—503	—61.7	499	223,745	1,337,208	—1,113,463	—83.3	845,695	53,701	108,938
Georgia	2,974	1,394	665	890	—225	—25.3	1,423	505,693	1,157,472	—651,779	—56.3	1,385,728	116,313	101,161
Florida	1,254	1,014	834	1,343	—509	—37.9	1,315	1,267,673	2,383,397	—1,115,724	—46.8	1,731,730	405,655	301,056
EAST SOUTH CENTRAL:														
Kentucky	7,441	3,983	3,112	1,553	1,559	100.4	4,128	3,194,624	2,114,929	1,079,695	51.1	6,767,300	670,872	159,765
Tennessee	9,780	6,046	10,876	10,761	115	1.1	11,548	13,130,904	12,339,584	791,320	6.4	13,683,840	2,363,560	835,739
Alabama	3,883	1,958	1,359	1,167	192	16.5	607	2,024,051	1,848,537	175,514	9.5	804,480	404,812	160,026
Mississippi	999	785	691	772	—81	—10.5	1,383	1,323,461	1,345,013	—21,552	—1.6	1,546,570	291,164	101,882
WEST SOUTH CENTRAL:														
Arkansas	6,032	3,869	8,324	7,361	963	13.1	9,611	11,463,971	8,259,240	3,204,731	38.8	12,667,740	2,407,436	549,041
Louisiana	1,481	874	4,007	3,570	437	12.2	1,395	5,323,890	6,405,236	—1,081,346	—16.9	1,841,800	1,224,497	485,478
Oklahoma[2]	958	1,182	302	825	—523	—63.4	626	311,630	830,404	—518,774	—62.5	670,540	68,560	71,296
Texas	840	1,423	503	2,161	—1,658	—76.7	1,361	591,476	4,207,056	—3,615,580	—85.9	2,344,220	112,389	334,651
MOUNTAIN:														
Montana	871	619	155	265	—110	—41.5	281	171,150	406,038	—234,888	—57.8	532,260	39,366	46,870
Idaho	2,340	1,605	469	698	—229	—32.8	239	494,818	953,723	—458,905	—48.1	379,630	103,915	92,904
Wyoming	172	146	39	24	15	.....	19	27,061	20,895	6,166	29.5	19,920	7,848	3,820
Colorado	1,513	1,231	653	1,326	—673	—50.8	1,067	944,276	1,674,923	—730,647	—43.6	2,224,240	236,074	156,059
New Mexico	129	54	28	20	8	.....	9	14,363	35,634	—21,271	—59.7	15,400	3,734	4,086
Arizona	56	68	20	58	—38	.....	60	17,058	95,247	—78,189	—82.1	109,550	4,267	10,775
Utah	634	1,049	254	719	—465	—64.7	345	484,792	1,832,796	—1,348,004	—73.5	663,190	96,957	125,854
Nevada	46	19	5	5	.....	.....	14	5,136	11,189	—6,053	—54.1	16,440	1,129	1,218
PACIFIC:														
Washington	5,996	4,323	3,087	3,283	—196	—6.0	1,268	6,377,368	7,683,774	—1,306,406	—17.0	2,577,580	1,403,021	529,535
Oregon	4,134	3,701	2,812	2,941	—129	—4.4	1,792	4,159,200	5,322,040	—1,162,840	—21.8	3,837,820	790,251	395,349
California	2,774	2,282	4,974	4,585	389	8.5	2,418	10,808,048	15,694,326	—4,886,278	—31.1	7,690,830	2,161,612	1,149,475

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

[2] Figures for 1899 include Indian Territory.

TABLE 129.—RASPBERRIES AND LOGANBERRIES—ACREAGE AND PRODUCTION, 1899 TO 1919, AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[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.	ACREAGE.					PRODUCTION (QUARTS).					VALUE.	
	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909	Increase, 1909-1919. Amount.	Increase, 1909-1919. Per cent.	1899	1919	1909
United States	**54,256**	**48,668**	**5,588**	**11.5**	**60,916**	**61,333,509**	**60,918,196**	**415,313**	**0.7**	**76,628,107**	**$13,386,125**	**$5,132,277**
GEOGRAPHIC DIVISIONS:												
New England	1,581	1,003	578	57.6	1,139	1,374,601	1,119,007	255,594	22.8	1,660,420	413,161	149,646
Middle Atlantic	14,871	15,395	—524	—3.4	18,554	16,328,692	19,802,119	—3,473,427	—17.5	25,442,790	4,112,072	1,618,978
East North Central	18,848	16,976	1,872	11.0	24,790	14,714,507	16,895,570	—2,181,063	—12.9	30,849,170	3,845,527	1,505,474
West North Central	6,774	5,403	1,371	25.4	7,389	5,616,192	5,634,788	—18,596	—0.3	7,883,630	1,327,976	607,053
South Atlantic	2,343	2,263	80	3.5	3,867	1,694,922	2,218,296	—523,374	—23.6	3,955,042	333,845	179,090
East South Central	841	833	8	1.0	1,288	599,320	799,212	—199,892	—25.0	1,306,400	119,518	73,456
West South Central	270	313	—43	—13.7	491	191,458	268,809	—77,351	—28.8	527,380	47,083	22,959
Mountain	1,589	1,820	—231	—12.7	1,307	1,495,425	3,194,610	—1,699,185	—53.2	1,639,055	347,981	297,722
Pacific	7,139	4,662	2,477	53.1	2,091	19,318,392	10,985,785	8,332,607	75.8	3,364,220	3,338,962	677,899
NEW ENGLAND:												
Maine	311	127	184	144.9	131	279,254	154,121	125,133	81.2	214,700	78,193	20,657
New Hampshire	208	85	123	.....	80	131,145	86,558	44,587	51.5	124,760	38,016	11,821
Vermont	246	80	166	.....	92	177,575	85,065	92,510	108.8	176,440	49,720	10,596
Massachusetts	481	388	93	24.0	413	468,715	376,136	92,579	24.6	558,010	159,211	55,757
Rhode Island	52	34	18	.....	57	47,345	32,871	14,474	44.0	83,300	15,135	4,197
Connecticut	283	289	—6	—2.1	366	270,567	384,256	—113,689	—29.6	503,210	72,886	46,618
MIDDLE ATLANTIC:												
New York	10,467	11,057	—590	—5.3	12,376	11,674,978	14,751,940	—3,076,962	—20.9	17,575,530	2,917,482	1,168,062
New Jersey	1,629	1,744	—115	—6.6	2,240	2,083,925	2,143,877	—59,952	—2.8	2,506,730	603,742	178,579
Pennsylvania	2,775	2,594	181	7.0	3,938	2,569,789	2,906,302	—336,513	—11.6	5,360,530	590,848	272,337
EAST NORTH CENTRAL:												
Ohio	3,138	3,869	—731	—18.9	6,795	2,773,819	4,029,480	—1,255,661	—31.2	8,745,950	610,242	364,272
Indiana	1,988	1,412	576	40.8	3,277	1,251,652	1,595,921	—344,269	—21.6	4,210,900	287,883	140,204
Illinois	2,298	1,945	353	18.1	2,909	1,945,336	1,834,337	110,999	6.1	3,458,000	447,427	191,401
Michigan	9,804	8,786	1,018	11.6	10,193	7,657,819	8,381,943	—724,124	—8.6	12,119,400	1,761,096	695,019
Wisconsin	1,620	964	656	68.0	1,616	1,085,881	1,053,889	31,992	3.0	2,314,920	238,879	114,578
WEST NORTH CENTRAL:												
Minnesota	1,554	1,388	166	12.0	1,115	1,516,147	1,340,469	175,678	13.1	1,252,930	348,711	178,689
Iowa	2,213	1,573	640	40.7	3,394	1,428,396	1,728,547	—300,151	—17.4	3,604,210	357,058	191,037
Missouri	1,695	1,331	364	27.3	1,660	1,592,556	1,563,527	29,029	1.9	1,940,850	366,065	133,196
North Dakota	101	85	16	.....	12	39,173	60,742	—21,569	—35.5	13,700	11,742	9,141
South Dakota	70	66	4	.....	21	30,368	60,285	—29,917	—49.6	19,030	8,810	8,703
Nebraska	146	247	—101	—40.9	230	89,672	265,183	—175,511	—66.2	232,580	24,213	29,841
Kansas	995	713	282	39.6	957	919,880	616,035	303,845	49.3	820,330	211,377	56,446
SOUTH ATLANTIC:												
Delaware	38	223	—185	—83.0	1,280	26,801	275,871	—249,070	—90.3	1,147,120	5,629	17,359
Maryland	586	846	—260	—30.7	1,385	723,738	959,369	—235,631	—24.6	1,450,250	137,502	67,516
District of Columbia	2	(1)	2	.....	12	933	700	233	33.3	15,582	233	60
Virginia	427	276	151	54.7	365	280,228	257,322	22,906	8.9	424,110	56,048	24,853
West Virginia	1,208	847	361	42.6	704	607,495	648,174	—40,679	—6.3	788,360	121,499	60,749
North Carolina	38	40	—2	.....	69	29,073	37,764	—8,691	—23.0	78,050	6,977	3,388
South Carolina	14	2	12	.....	4	4,111	4,955	—844	—17.0	4,150	1,069	477
Georgia	26	29	—3	.....	43	19,479	33,928	—14,449	—42.6	41,750	4,093	4,663
Florida	4	(1)	4	.....	5	3,064	213	2,851	.....	5,670	795	25
EAST SOUTH CENTRAL:												
Kentucky	515	564	—49	—8.7	755	308,406	558,529	—250,123	—44.8	787,820	61,268	50,472
Tennessee	311	253	58	22.9	471	277,344	222,331	55,013	24.7	448,170	55,177	20,931
Alabama	7	11	—4	.....	13	9,833	10,546	—713	—6.8	14,390	2,140	1,380
Mississippi	8	5	3	.....	49	3,737	7,806	—4,069	—52.1	56,020	933	673
WEST SOUTH CENTRAL:												
Arkansas	228	123	105	85.4	345	154,351	96,414	57,937	60.1	348,450	38,544	9,766
Louisiana	(1)	1	—1	.....	(1)	145	639	—494	—77.3	110	32	40
Oklahoma [2]	35	85	—50	.....	43	30,234	74,104	—43,870	—59.2	55,180	6,958	6,851
Texas	7	104	—97	—93.3	103	6,728	97,652	—90,924	—93.1	123,640	1,549	6,302
MOUNTAIN:												
Montana	103	113	—10	—8.8	80	80,875	165,473	—84,598	—51.1	110,795	20,181	19,732
Idaho	455	496	—41	—8.3	230	385,510	575,209	—189,699	—33.2	257,960	80,958	59,854
Wyoming	16	14	2	.....	6	10,979	15,213	—4,234	—27.8	5,220	3,513	2,910
Colorado	613	801	—188	—23.5	689	643,678	1,650,785	—1,007,107	—61.0	817,450	160,828	156,668
New Mexico	14	12	2	.....	9	6,202	10,222	—4,020	—39.3	8,930	1,488	1,581
Arizona	(1)	1	—1	.....	2	677	1,550	—873	—56.3	1,480	165	250
Utah	383	374	9	2.4	284	364,061	758,317	—394,256	—52.0	426,000	80,090	54,826
Nevada	5	9	—4	.....	7	3,443	17,841	—14,398	—80.7	11,220	758	1,901
PACIFIC:												
Washington	2,332	1,210	1,122	92.7	625	5,757,456	3,118,720	2,638,736	84.6	1,134,970	1,266,330	223,001
Oregon	3,931	1,460	2,471	169.2	479	12,022,912	2,644,948	9,377,964	354.6	783,060	1,756,203	150,729
California	876	1,992	—1,116	—56.0	987	1,538,024	5,222,117	—3,684,093	—70.5	1,446,190	316,429	304,169

[1] Reported in small fractions.

[2] Figures for 1899 include Indian Territory.

TABLE 130.—RASPBERRIES—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919.

DIVISION AND STATE.	Farms reporting.	Acreage.	Production (quarts).	Value.
United States	153,953	50,278	49,210,447	$11,596,110
GEOGRAPHIC DIVISIONS:				
New England	9,356	1,579	1,370,210	412,223
Middle Atlantic	30,926	14,735	16,275,601	4,100,687
East North Central	51,977	18,829	14,706,849	3,344,009
West North Central	33,744	6,764	5,605,746	1,326,007
South Atlantic	8,452	2,343	1,694,592	333,790
East South Central	3,001	821	585,007	117,375
West South Central	1,120	268	190,873	46,989
Mountain	6,465	1,560	1,474,558	343,311
Pacific	8,912	3,379	7,307,011	1,571,719
NEW ENGLAND:				
Maine	2,007	311	279,254	78,193
New Hampshire	1,181	208	130,991	37,988
Vermont	1,651	246	177,575	49,720
Massachusetts	2,897	481	467,328	158,892
Rhode Island	269	52	47,281	15,129
Connecticut	1,351	281	267,781	72,301
MIDDLE ATLANTIC:				
New York	17,402	10,344	11,632,591	2,908,155
New Jersey	1,829	1,621	2,077,294	602,416
Pennsylvania	11,695	2,770	2,565,716	590,116
EAST NORTH CENTRAL:				
Ohio	6,757	3,138	2,772,468	609,942
Indiana	6,062	1,988	1,251,652	287,883
Illinois	11,926	2,298	1,945,336	447,427
Michigan	14,272	9,786	7,652,580	1,760,100
Wisconsin	12,960	1,619	1,084,813	238,657
WEST NORTH CENTRAL:				
Minnesota	8,692	1,554	1,516,041	348,690
Iowa	15,214	2,213	1,426,757	356,695
Missouri	5,819	1,689	1,586,883	364,082
North Dakota	763	101	38,943	11,688
South Dakota	807	70	30,368	8,810
Nebraska	660	146	89,672	24,213
Kansas	1,789	991	917,082	210,929
SOUTH ATLANTIC:				
Delaware	79	38	26,801	$5,629
Maryland	1,328	586	723,446	137,455
District of Columbia	8	2	933	233
Virginia	1,818	427	280,228	56,048
West Virginia	4,636	1,208	607,495	121,499
North Carolina	285	38	29,073	6,977
South Carolina	115	14	4,111	1,069
Georgia	177	26	19,479	4,093
Florida	6	4	3,026	787
EAST SOUTH CENTRAL:				
Kentucky	1,531	499	298,138	59,626
Tennessee	1,187	307	274,047	54,812
Alabama	187	7	9,165	2,019
Mississippi	96	8	3,657	918
WEST SOUTH CENTRAL:				
Arkansas	811	226	153,766	38,450
Louisiana	6	(1)	145	32
Oklahoma	247	35	30,234	6,958
Texas	56	7	6,728	1,549
MOUNTAIN:				
Montana	534	102	80,018	20,010
Idaho	2,914	440	375,777	78,914
Wyoming	79	16	10,979	3,513
Colorado	1,356	600	633,766	158,449
New Mexico	78	14	6,202	1,488
Arizona	23	(1)	572	144
Utah	1,409	383	363,801	80,035
Nevada	72	5	3,443	758
PACIFIC:				
Washington	5,098	1,786	4,599,678	1,057,928
Oregon	2,912	1,176	1,824,901	328,481
California	902	417	882,432	185,310

[1] Reported in small fractions.

TABLE 131.—LOGANBERRIES—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1919.

DIVISION AND STATE.	Farms reporting.	Acreage.	Production (quarts).	Value.
United States	7,033	3,978	12,123,062	$1,790,015
GEOGRAPHIC DIVISIONS:				
New England	27	2	4,391	938
Middle Atlantic	237	136	53,091	11,385
East North Central	67	19	7,658	1,518
West North Central	167	10	10,446	1,969
South Atlantic	6	(1)	330	55
East South Central	224	20	14,313	2,143
West South Central	12	2	585	94
Mountain	173	29	20,867	4,670
Pacific	6,120	3,760	12,011,381	1,767,243
NEW ENGLAND:				
New Hampshire	6	(1)	154	28
Massachusetts	13	(1)	1,387	319
Rhode Island	1	(1)	64	6
Connecticut	7	2	2,786	585
MIDDLE ATLANTIC:				
New York	193	123	42,387	9,327
New Jersey	9	8	6,631	1,326
Pennsylvania	35	5	4,073	732
EAST NORTH CENTRAL:				
Ohio	17	(1)	1,351	300
Michigan	17	18	5,239	996
Wisconsin	33	1	1,068	222
WEST NORTH CENTRAL:				
Minnesota	8	(1)	106	$21
Iowa	50	(1)	1,639	363
Missouri	82	6	5,673	1,083
North Dakota	6	.....	230	54
Kansas	21	4	2,798	448
SOUTH ATLANTIC:				
Maryland	4	(1)	292	47
Florida	2	(1)	38	8
EAST SOUTH CENTRAL:				
Kentucky	142	16	10,268	1,642
Tennessee	58	4	3,297	365
Alabama	26	(1)	668	121
Mississippi	3	(1)	80	15
WEST SOUTH CENTRAL:				
Arkansas	12	2	585	94
MOUNTAIN:				
Montana	9	1	857	171
Idaho	149	15	9,733	2,044
Colorado	9	13	9,912	2,379
Arizona	3	(1)	105	21
Utah	3	(1)	260	55
PACIFIC:				
Washington	1,789	846	1,157,778	208,402
Oregon	3,508	2,755	10,198,011	1,427,722
California	823	459	655,592	131,119

[1] Reported in small fractions.

TABLE 132.—BLACKBERRIES AND DEWBERRIES—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.					PRODUCTION (QUARTS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909
United States	146,079	141,157	46,165	49,004	—2,839	—5.8	50,211	39,945,078	55,343,570	—15,398,492	—27.8	62,189,885	$7,117,972	$3,909,831
GEOGRAPHIC DIVISIONS:														
New England	6,477	4,411	1,010	690	320	46.4	795	790,102	804,595	—14,493	—1.8	1,176,350	176,400	80,006
Middle Atlantic	12,465	11,927	5,306	7,518	—2,212	—29.4	8,697	4,608,673	9,029,897	—4,421,224	—49.0	9,080,480	906,539	615,473
East North Central	27,848	30,540	9,301	10,655	—1,354	—12.7	16,417	6,721,886	10,437,862	—3,715,976	—35.6	23,425,250	1,277,163	812,555
West North Central	27,391	48,774	7,891	11,516	—3,625	—31.5	8,524	4,422,115	12,311,930	—7,889,815	—64.1	9,301,074	806,032	970,774
South Atlantic	14,214	11,234	4,638	5,423	—785	—14.5	6,525	2,829,944	6,463,811	—3,633,867	—56.2	5,980,410	436,995	343,333
East South Central	23,713	13,199	3,954	3,766	188	5.0	1,945	3,128,749	3,580,336	—451,587	—12.6	2,103,080	421,919	210,983
West South Central	22,526	13,296	9,188	5,106	4,082	79.9	3,855	8,722,827	3,836,925	4,885,902	127.3	4,396,090	1,543,180	300,524
Mountain	1,621	1,461	378	554	—176	—31.8	388	341,525	723,167	—381,642	—52.8	448,760	76,060	73,640
Pacific	9,824	6,315	4,499	3,776	723	19.1	3,065	8,379,257	8,155,047	224,210	2.7	6,278,301	1,473,684	502,543
NEW ENGLAND:														
Maine	2,198	1,404	282	145	137	94.5	123	242,478	153,816	88,662	57.6	164,300	53,346	15,931
New Hampshire	800	522	141	67	74	.....	65	90,666	75,913	14,753	19.4	105,290	20,854	7,793
Vermont	941	433	120	47	73	.....	48	113,210	56,252	56,958	101.3	84,990	24,904	6,032
Massachusetts	1,856	1,368	340	287	53	18.5	365	251,951	307,987	—56,036	—18.2	522,860	57,949	31,454
Rhode Island	82	69	7	16	—9	.....	17	6,428	17,875	—11,447	—64.0	23,600	1,415	1,927
Connecticut	600	555	120	128	—8	—6.3	177	85,369	192,752	—107,383	—55.7	275,310	17,932	16,869
MIDDLE ATLANTIC:														
New York	5,334	4,882	1,880	1,951	—71	—3.6	2,060	1,711,546	2,509,851	—798,305	—31.8	3,167,090	376,541	210,986
New Jersey	1,817	2,153	1,950	4,332	—2,382	—55.0	5,254	2,045,521	5,456,789	—3,411,268	—62.5	3,918,320	368,193	313,480
Pennsylvania	5,284	4,892	1,476	1,235	241	19.5	1,383	851,606	1,063,257	—211,651	—19.9	1,995,070	161,805	91,007
EAST NORTH CENTRAL:														
Ohio	4,051	4,207	1,678	2,425	—747	—30.8	3,307	1,481,447	2,465,407	—983,960	—39.9	4,905,430	281,476	195,294
Indiana	5,813	5,216	1,965	1,347	618	45.9	3,192	1,087,317	1,482,909	—395,592	—26.7	5,255,840	195,716	113,322
Illinois	10,876	14,138	3,061	3,503	—442	—12.6	5,032	1,365,223	2,915,473	—1,550,250	—53.2	7,294,990	245,741	237,058
Michigan	3,632	4,707	2,165	2,973	—808	—27.2	4,385	2,452,909	3,075,954	—623,045	—20.3	5,324,110	490,580	218,174
Wisconsin	3,476	2,272	432	407	25	6.1	411	334,990	498,119	—163,129	—32.7	644,880	63,650	48,707
WEST NORTH CENTRAL:														
Minnesota	1,316	818	173	145	28	19.3	162	181,183	139,741	41,442	29.7	192,010	39,861	17,696
Iowa	7,298	15,874	967	2,279	—1,312	—57.6	1,719	507,449	2,733,728	—2,136,279	—78.1	1,966,070	131,438	247,734
Missouri	15,891	22,971	5,573	5,975	—402	—6.7	4,441	2,958,006	6,391,209	—3,433,203	—53.7	5,121,860	502,859	456,283
North Dakota	96	75	11	2	9	.....	1	2,485	3,404	—919	—27.0	860	575	470
South Dakota	62	112	2	5	—3	.....	5	1,811	6,058	—4,247	—70.1	4,880	458	809
Nebraska	380	1,982	56	428	—372	—86.9	152	35,433	501,872	—466,439	—92.9	157,880	8,151	46,648
Kansas	2,348	6,912	1,109	2,682	—1,573	—58.7	2,044	645,748	2,535,918	—1,890,170	—74.5	1,857,514	122,690	201,134
SOUTH ATLANTIC:														
Delaware	221	650	364	1,256	—892	—71.0	2,935	270,560	1,403,977	—1,133,417	—80.7	1,976,810	45,994	61,817
Maryland	797	979	608	1,180	—572	—48.5	1,501	517,525	1,372,164	—854,639	—62.3	1,713,680	82,805	68,817
District of Columbia	9	2	6	(1)	6	.....	10	7,097	1,700	5,397	317.5	12,720	1,065	160
Virginia	1,968	1,586	597	344	253	73.5	444	313,873	273,551	40,322	14.7	582,830	37,666	16,485
West Virginia	4,746	3,829	817	1,292	—475	—36.8	367	594,833	803,498	—208,665	—26.0	396,850	101,119	48,854
North Carolina	3,663	2,655	1,867	1,233	634	51.4	1,073	936,251	2,464,065	—1,527,814	—62.0	1,089,290	140,438	136,609
South Carolina	759	675	170	38	132	.....	39	40,187	64,754	—24,567	—37.9	50,960	6,431	3,710
Georgia	1,412	648	149	67	82	.....	143	96,852	67,285	29,567	43.9	144,060	13,559	5,594
Florida	639	210	60	13	47	.....	13	52,766	12,817	39,949	311.7	13,210	7,918	1,287
EAST SOUTH CENTRAL:														
Kentucky	14,150	8,011	2,451	2,141	310	14.5	1,024	1,778,468	2,165,547	—387,079	—17.9	1,068,340	266,780	137,250
Tennessee	5,697	3,884	1,336	1,514	—178	—11.8	733	1,200,981	1,316,100	—115,119	—8.7	839,210	132,129	65,476
Alabama	2,314	632	107	53	54	.....	104	87,695	44,954	42,741	95.1	98,500	13,156	3,726
Mississippi	1,552	672	60	58	2	.....	84	61,605	53,735	7,870	14.6	97,030	9,854	4,531
WEST SOUTH CENTRAL:														
Arkansas	3,481	1,430	1,269	525	744	141.7	769	885,539	587,977	297,562	50.6	969,290	132,833	40,843
Louisiana	414	187	45	16	29	.....	9	18,145	14,332	3,813	26.6	10,170	2,903	1,470
Oklahoma [2]	7,218	6,220	2,245	1,792	453	25.3	683	1,531,810	1,366,497	165,313	12.1	714,880	275,723	119,654
Texas	11,413	5,459	5,629	2,773	2,856	103.0	2,294	6,287,223	1,868,119	4,419,214	236.6	2,701,750	1,131,721	138,557
MOUNTAIN:														
Montana	128	129	15	34	—19	.....	18	13,128	36,321	—23,193	—63.9	17,970	2,627	4,020
Idaho	735	590	135	170	—35	—20.6	87	91,056	249,984	—158,928	—63.6	117,140	19,122	24,688
Wyoming	.....	6	.....	(1)	.....	.....	(1)	.....	149	—149	.....	480	.....	29
Colorado	251	384	91	228	—137	—60.1	195	76,234	227,598	—151,364	—66.5	216,020	18,296	27,833
New Mexico	91	54	16	10	6	.....	3	8,233	10,089	—1,856	—18.4	2,940	1,975	1,698
Arizona	176	40	33	16	17	.....	9	37,040	13,808	23,232	168.3	8,690	7,408	1,761
Utah	221	247	88	95	—7	.....	72	115,437	184,140	—68,703	—37.3	80,110	26,552	13,447
Nevada	19	11	(1)	1	—1	.....	4	397	1,078	—681	—63.2	5,410	80	164
PACIFIC:														
Washington	3,158	1,818	1,403	769	634	82.4	388	3,691,065	2,340,779	1,350,286	57.7	808,340	664,392	159,094
Oregon	2,793	1,307	1,354	431	923	214.2	717	2,139,110	915,744	1,223,366	133.6	1,310,920	299,476	61,066
California	3,873	3,190	1,742	2,576	—834	—32.4	1,960	2,549,082	4,898,524	—2,349,442	—48.0	4,159,131	509,816	282,383

[1] Reported in small fractions.

[2] Figures for 1899 include Indian Territory.

TABLE 133.—CRANBERRIES—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[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.		ACREAGE.					PRODUCTION (QUARTS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909
United States	**2,597**	**3,910**	**16,804**	**18,431**	**—1,627**	**—8.8**	**20,364**	**35,260,291**	**38,243,060**	**—2,982,769**	**—7.8**	**31,600,512**	**$3,197,979**	**$1,755,613**
GEOGRAPHIC DIVISIONS:														
New England	1,258	2,385	7,406	7,031	375	5.3	5,816	23,202,683	23,026,208	176,475	0.8	19,677,216	1,868,608	1,085,247
Middle Atlantic	390	557	7,017	9,311	—2,294	—24.6	8,469	7,766,467	12,405,386	—4,638,919	—37.4	8,035,136	788,089	525,272
East North Central	381	514	1,830	1,908	—78	—4.1	6,042	3,449,056	2,700,106	748,950	27.7	3,820,640	414,645	136,302
West North Central	405	407	130	69	61		26	56,965	30,464	26,501	87.0	40,320	8,675	2,752
South Atlantic	38	7	26	40	—14			27,018	19,136	7,882	41.2		4,286	1,067
East South Central	16	1	1	(1)	1			516	96	420			103	10
West South Central		4		(1)					288	—288				26
Mountain	27	2		(1)				1,605	128	1,477			275	14
Pacific	82	33	394	72	322		11	755,981	61,248	694,733		27,200	113,398	4,923
NEW ENGLAND:														
Maine	171	536	138	151	—13	—8.6	90	57,637	100,192	—42,555	—42.5	49,728	8,072	7,957
New Hampshire	88	238	34	109	—75	—68.8	23	8,919	30,304	—21,385	—70.6	31,136	1,158	2,686
Vermont	20	29		1	—1			1,572	1,120	452	40.4		205	110
Massachusetts	856	1,350	7,096	6,577	519	7.9	5,128	22,918,103	22,714,496	203,607	0.9	19,164,992	1,833,448	1,062,205
Rhode Island	60	127	82	70	12		300	152,582	34,688	117,894	339.9	209,888	16,784	2,734
Connecticut	63	105	56	123	—67	—54.5	275	63,870	145,408	—81,538	—56.1	221,472	8,941	9,555
MIDDLE ATLANTIC:														
New York	76	88	186	277	—91	—32.9	113	106,850	327,370	—220,520	—67.4	348,064	16,031	20,743
New Jersey	298	414	6,823	9,030	—2,207	—24.4	8,356	7,650,508	12,072,288	—4,421,780	—36.6	7,687,072	770,691	504,026
Pennsylvania	16	55	8	4	4			9,109	5,728	3,381	59.0		1,367	503
EAST NORTH CENTRAL:														
Ohio	9	25		3	—3			1,301	4,256	—2,955	—69.4		195	352
Indiana	40	3	3	4	—1		70	2,679	7,552	—4,873	—64.5	139,520	427	498
Illinois		166		10	—10		1		13,418	—13,418		1,696		1,248
Michigan	59	91	22	202	—180	—89.1	150	20,367	125,536	—105,169	—83.8	124,288	3,057	6,992
Wisconsin	273	229	1,805	1,689	116	6.9	5,821	3,424,709	2,549,344	875,365	34.3	3,555,136	410,966	127,212
WEST NORTH CENTRAL:														
Minnesota	303	264	130	61	69		22	54,258	22,112	32,146	145.4	35,840	8,141	1,981
Iowa	61	4	(1)	(1)			1	1,452	(2)	1,452		1,952	234	3
Missouri		103		8	—8				6,944	—6,944				618
North Dakota	41	29	(1)	(1)			(1)	1,255	1,120	135	12.1	32	200	125
South Dakota		7		(1)			1		288	—288		704		25
Nebraska							1					640		
Kansas							1					1,152		
SOUTH ATLANTIC:														
Maryland	10							661		661			79	
Virginia	24	2	25	40	—15			25,314	18,112	7,202	39.8		4,050	1,050
North Carolina		5		(1)					1,024	—1,024				17
Florida	4		1		1			1,043		1,043			157	
EAST SOUTH CENTRAL:														
Alabama	16	1	1	(1)	1			516	96	420			103	10
WEST SOUTH CENTRAL:														
Arkansas		4		(1)					288	—288				26
MOUNTAIN:														
Montana		1		(1)					32	—32				4
Idaho	23		(1)					1,187		1,187			191	
New Mexico		1		(1)					96	—96				10
Utah	4							418		418			84	
PACIFIC:														
Washington	38	4	306	5	301		5	585,224	9,728	575,496		4,416	87,784	953
Oregon	44	17	88	14	74		6	170,757	40,864	129,893	317.9	22,784	25,614	3,527
California		12		53	—53				10,656	—10,656				443

[1] Reported in small fractions.

[2] Production not reported.

TABLE 134.—CURRANTS—FARMS REPORTING AND VALUE, 1919 AND 1909, AND ACREAGE AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	FARMS REPORTING.		ACREAGE.					PRODUCTION (QUARTS).					VALUE.	
	1919	1909	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909
United States	39,200	62,093	7,379	7,862	—483	—6.1	12,865	7,614,817	10,448,532	—2,833,715	—27.1	18,592,695	$1,421,908	$790,431
GEOGRAPHIC DIVISIONS:														
New England	3,286	5,142	531	489	42	8.6	476	436,729	483,291	—46,562	—9.6	677,220	86,415	45,781
Middle Atlantic	7,069	13,280	3,140	3,239	—99	—3.1	3,468	3,758,104	4,637,483	—879,379	—19.0	5,880,690	686,761	318,993
East North Central	10,458	16,497	1,671	1,683	—12	—0.7	4,935	1,516,991	2,086,723	—569,732	—27.3	6,914,205	297,247	167,959
West North Central	9,878	17,955	770	934	—164	—17.6	1,839	438,633	900,002	—461,369	—51.3	2,127,910	88,810	88,174
South Atlantic	1,206	1,413	126	80	46	.....	207	81,085	89,965	—8,880	—9.9	215,890	17,066	8,307
East South Central	169	373	18	16	2	.....	32	8,692	19,795	—11,103	—56.1	37,450	1,610	1,806
West South Central	353	319	62	46	16	.....	20	26,149	39,098	—12,949	—33.1	22,550	4,415	4,445
Mountain	4,127	4,586	518	752	—234	—31.1	757	482,307	1,028,078	—545,771	—53.1	1,031,090	90,206	85,488
Pacific	2,654	2,528	543	623	—80	—12.8	1,131	866,127	1,164,097	—297,970	—25.6	1,685,690	149,378	69,478
NEW ENGLAND:														
Maine	381	1,076	44	80	—36	.....	31	20,429	76,031	—55,602	—73.1	37,080	4,085	6,986
New Hampshire	367	838	142	42	100	.....	24	18,140	43,319	—25,179	—58.1	34,060	3,628	4,587
Vermont	565	992	30	58	—28	.....	30	24,437	58,533	—34,096	—58.3	50,490	4,886	5,084
Massachusetts	1,281	1,536	236	243	—7	—2.9	190	266,908	213,810	53,098	24.8	255,580	53,382	19,904
Rhode Island	133	130	9	12	—3	.....	26	13,982	17,110	—3,128	—18.3	54,020	2,796	1,504
Connecticut	559	570	70	54	16	.....	175	92,833	74,488	18,345	24.6	245,990	17,638	7,056
MIDDLE ATLANTIC:														
New York	4,144	7,528	2,671	2,557	114	4.5	2,594	3,321,583	3,982,389	—660,806	—16.6	4,584,080	597,887	264,051
New Jersey	395	377	135	124	11	8.9	158	139,631	161,223	—21,592	—13.4	264,740	26,528	12,761
Pennsylvania	2,530	5,375	334	558	—224	—40.1	716	296,890	493,871	—196,981	—39.9	1,031,870	62,346	42,181
EAST NORTH CENTRAL:														
Ohio	1,247	2,861	351	359	—8	—2.2	765	431,152	460,575	—29,423	—6.4	1,153,920	86,231	39,829
Indiana	1,099	2,690	56	165	—109	—66.1	577	56,742	208,049	—151,307	—72.7	1,044,025	13,049	16,901
Illinois	1,937	3,635	274	252	22	8.7	640	103,471	265,858	—162,387	—61.1	842,000	18,626	21,863
Michigan	2,299	3,458	629	609	20	3.3	2,286	636,481	768,259	—131,778	—17.2	2,721,070	127,295	58,288
Wisconsin	3,876	3,853	361	298	63	21.1	667	289,145	383,982	—94,837	—24.7	1,153,190	52,046	31,078
WEST NORTH CENTRAL:														
Minnesota	3,240	3,053	247	200	47	23.5	259	208,863	182,825	26,038	14.2	311,950	39,679	19,783
Iowa	2,240	6,906	95	253	—158	—62.5	1,017	77,953	317,637	—239,684	—75.5	1,226,560	15,587	27,315
Missouri	344	1,672	25	92	—67	.....	194	17,510	91,207	—73,697	—80.8	223,730	4,026	8,312
North Dakota	1,758	2,378	215	138	77	55.8	36	55,134	97,598	—42,464	—43.5	35,440	13,230	12,128
South Dakota	1,179	1,448	84	67	17	.....	38	32,147	52,951	—20,804	—39.3	37,140	7,397	6,021
Nebraska	687	1,669	51	86	—35	.....	161	21,436	90,779	—69,343	—76.4	162,880	4,285	8,592
Kansas	430	829	53	98	—45	.....	134	25,590	67,005	—41,415	—61.8	130,210	4,606	6,023
SOUTH ATLANTIC:														
Delaware	13	23	2	3	—1	.....	12	1,390	2,973	—1,583	—53.2	12,600	320	294
Maryland	251	366	48	36	12	.....	65	43,320	34,009	9,311	27.4	63,460	9,532	3,138
District of Columbia	6	3	2	1	1	.....	6	212	2,000	—1,788	—89.4	5,040	59	200
Virginia	212	205	11	5	6	.....	39	7,335	8,127	—792	—9.7	42,060	1,471	791
West Virginia	583	658	61	30	31	.....	50	24,387	34,009	—9,622	—28.3	51,340	4,886	3,153
North Carolina	39	89	(1)	3	—3	.....	28	957	5,382	—4,425	—82.2	32,360	144	400
South Carolina	47	30	2	1	1	.....	2	1,205	999	206	20.6	2,290	239	102
Georgia	53	36	(1)	1	—1	.....	5	2,242	2,320	—78	—3.4	6,740	406	214
Florida	2	3	(1)	(1)	.....	.....	.....	37	146	—109	—74.7	.....	9	15
EAST SOUTH CENTRAL:														
Kentucky	109	295	6	14	—8	.....	15	5,204	15,159	—9,865	—65.1	19,370	954	1,429
Tennessee	42	52	12	2	10	.....	12	2,825	3,726	—901	—24.2	13,190	564	261
Alabama	18	15	(1)	(1)	.....	.....	2	573	548	25	4.6	2,060	92	64
Mississippi	.....	11	.....	(1)	.....	.....	3	.....	362	—362	.....	2,830	.....	52
WEST SOUTH CENTRAL:														
Arkansas	48	58	11	4	7	.....	5	4,701	3,201	1,500	46.9	6,990	941	390
Louisiana	.....	.....	.....	.....	.....	.....	(1)	.....	.....	.....	.....	50	.....	.....
Oklahoma [2]	279	212	51	36	15	.....	11	20,359	31,024	—10,665	—34.4	10,140	3,258	3,559
Texas	26	49	(1)	6	—6	.....	4	1,089	4,873	—3,784	—77.7	5,370	216	496
MOUNTAIN:														
Montana	790	654	82	115	—33	—28.7	120	55,459	123,031	—67,572	—54.9	252,860	9,983	12,195
Idaho	1,191	1,374	109	167	—58	—34.7	181	72,000	161,230	—89,230	—55.3	218,580	12,245	13,760
Wyoming	224	303	26	41	—15	.....	8	15,266	38,833	—23,567	—60.7	7,030	3,820	4,378
Colorado	751	1,049	141	282	—141	—50.0	226	137,634	493,726	—356,092	—72.1	204,480	26,151	39,935
New Mexico	108	74	38	7	31	.....	10	15,450	5,523	9,927	179.7	14,340	3,089	591
Arizona	59	10	5	1	4	.....	2	6,856	1,010	5,846	578.8	3,280	2,058	111
Utah	857	1,043	108	128	—20	—15.6	194	172,201	195,901	—23,700	—12.1	304,850	30,997	13,435
Nevada	147	79	9	11	—2	.....	16	7,441	8,824	—1,383	—15.7	25,670	1,863	1,083
PACIFIC:														
Washington	1,575	1,287	148	127	21	16.5	238	254,959	194,365	60,594	31.2	416,170	38,245	16,518
Oregon	781	877	97	89	8	.....	169	99,890	117,354	—17,464	—14.9	238,420	13,986	9,452
California	298	364	298	407	—109	—26.8	724	511,278	852,378	—341,100	—40.0	1,031,100	97,147	43,508

[1] Reported in small fractions.

[2] Figures for 1899 include Indian Territory.

TABLE 135.—OTHER BERRIES—FARMS REPORTING, 1919; ACREAGE AND PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	Farms reporting, 1919	ACREAGE.					PRODUCTION (QUARTS).					VALUE.	
		1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909
United States	32,533	5,085	5,450	—365	—6.7	14,051	3,903,723	5,910,470	—2,006,747	—34.0	16,780,310	$603,932	$472,403
GEOGRAPHIC DIVISIONS:													
New England	596	504	132	372	281.8	1,218	142,175	456,076	—313,901	—68.8	1,083,740	26,351	39,527
Middle Atlantic	1,176	463	578	—115	—19.9	1,760	429,958	678,738	—248,780	—36.7	2,233,210	92,374	50,248
East North Central	9,482	1,331	2,131	—800	—37.5	4,887	1,167,032	1,926,801	—759,769	—39.4	6,106,190	179,722	152,954
West North Central	13,405	1,610	1,232	378	30.7	3,159	785,533	1,089,811	—304,278	—27.9	3,533,050	130,161	101,087
South Atlantic	802	128	317	—189	—59.6	957	68,589	384,023	—315,434	—82.1	1,132,100	12,462	25,141
East South Central	1,058	91	126	—35	—27.8	449	47,489	135,187	—87,698	—64.9	502,610	9,034	10,100
West South Central	603	57	35	22	.....	160	34,683	31,832	2,851	9.0	168,890	5,555	2,912
Mountain	2,828	516	524	—8	—1.5	641	571,344	610,779	—39,435	—6.5	847,770	67,355	47,813
Pacific	2,523	385	375	10	2.7	820	656,920	597,223	59,697	10.0	1,172,750	80,918	42,621
NEW ENGLAND:													
Maine	235	243	59	184	.....	698	68,109	175,005	—106,896	—61.1	222,020	11,580	12,746
New Hampshire	61	180	5	175	.....	231	15,325	124,093	—108,768	—87.7	397,290	3,065	11,926
Vermont	58	23	7	16	.....	16	3,903	9,332	—5,429	—58.2	20,320	779	918
Massachusetts	131	44	42	2	.....	223	42,071	128,847	—86,776	—67.3	383,690	8,415	12,032
Rhode Island	25	6	9	—3	.....	27	2,081	8,476	—6,395	—75.4	37,020	374	899
Connecticut	86	8	10	—2	.....	23	10,686	10,323	363	3.5	23,400	2,138	1,006
MIDDLE ATLANTIC:													
New York	602	336	272	64	23.5	597	319,381	340,416	—21,035	—6.2	851,230	70,260	24,243
New Jersey	116	48	155	—107	—69.0	596	68,249	221,337	—153,088	—69.2	688,320	13,649	16,171
Pennsylvania	458	79	151	—72	—47.7	567	42,328	116,985	—74,657	—63.8	693,660	8,465	9,834
EAST NORTH CENTRAL:													
Ohio	610	108	229	—121	—52.8	791	109,452	260,240	—150,788	—57.9	1,014,650	19,708	18,829
Indiana	2,242	152	417	—265	—63.5	1,285	136,936	371,268	—234,332	—63.1	1,768,210	21,908	31,370
Illinois	5,088	597	603	—6	—1.0	1,099	276,589	541,766	—265,177	—48.9	1,381,200	41,495	44,260
Michigan	648	353	798	—445	—55.8	1,346	593,682	644,199	—50,517	—7.8	1,494,970	89,052	49,604
Wisconsin	894	121	84	37	.....	366	50,373	109,328	—58,955	—53.9	447,160	7,559	8,891
WEST NORTH CENTRAL:													
Minnesota	1,296	136	71	65	.....	232	92,700	61,329	31,371	51.2	243,890	16,682	6,485
Iowa	2,289	138	189	—51	—27.0	1,169	125,451	234,035	—108,584	—46.4	1,364,020	20,069	21,294
Missouri	5,758	830	555	275	49.5	1,067	340,044	472,300	—132,256	—28.0	1,180,020	51,016	40,216
North Dakota	946	104	86	18	.....	15	25,567	56,804	—31,237	—55.0	16,080	4,857	7,332
South Dakota	699	29	55	—26	.....	34	18,909	43,549	—24,640	—56.6	38,560	3,406	4,941
Nebraska	1,118	140	88	52	.....	258	48,982	82,526	—33,544	—40.6	249,300	7,354	8,316
Kansas	1,299	233	188	45	23.9	384	133,880	139,268	—5,388	—3.9	441,180	26,777	12,503
SOUTH ATLANTIC:													
Delaware	10	8	11	—3	.....	28	7,694	12,123	—4,429	—36.5	35,210	1,539	908
Maryland	98	22	241	—219	—90.9	591	17,671	300,417	—282,746	—94.1	694,560	2,650	18,005
District of Columbia	4	1	(1)	1	.....	4	665	1,000	—335	—33.5	8,510	133	60
Virginia	111	12	24	—12	.....	127	9,936	24,487	—14,551	—59.4	154,620	1,789	2,015
West Virginia	501	70	35	35	.....	74	25,388	38,832	—13,444	—34.6	83,220	5,078	3,468
North Carolina	37	8	5	3	.....	51	2,831	5,831	—3,000	—51.4	59,750	505	536
South Carolina	.....	.....	(1)	.....	.....	47	.....	183	—183	.....	56,210	.....	27
Georgia	18	2	1	1	.....	20	1,517	1,150	367	31.9	19,650	273	122
Florida	83	5	.....	5	.....	15	2,887	.....	2,887	.....	20,370	435	.....
EAST SOUTH CENTRAL:													
Kentucky	835	79	115	—36	—31.3	204	36,218	118,538	—82,320	—69.4	219,730	7,245	8,681
Tennessee	181	9	9	.....	.....	180	8,121	13,752	—5,631	—40.9	215,710	1,221	1,206
Alabama	41	3	1	2	.....	35	2,750	2,512	238	9.5	34,140	496	180
Mississippi	1	(1)	1	—1	.....	30	400	385	15	3.9	23,030	72	33
WEST SOUTH CENTRAL:													
Arkansas	508	41	19	22	.....	89	29,643	18,452	11,191	60.6	105,520	4,748	1,656
Louisiana	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	4,380	.....	.....
Oklahoma [2]	95	16	7	9	.....	25	5,040	8,338	—3,298	—39.6	25,050	807	931
Texas	.....	.....	9	—9	.....	42	.....	5,042	—5,042	.....	33,940	.....	325
MOUNTAIN:													
Montana	354	31	35	—4	.....	55	17,475	35,896	—18,421	—51.3	120,000	3,495	3,765
Idaho	1,028	72	142	—70	—49.3	220	61,637	130,995	—69,358	—52.9	272,800	9,247	10,319
Wyoming	68	6	27	—21	.....	4	3,518	21,793	—18,275	—83.9	4,680	704	2,847
Colorado	659	300	192	108	56.3	170	411,797	247,956	163,841	66.1	187,040	41,184	18,341
New Mexico	149	24	17	7	.....	17	9,502	14,968	—5,466	—36.5	18,080	1,712	1,369
Arizona	24	(1)	(1)	.....	.....	6	836	575	261	45.4	6,470	150	90
Utah	440	77	100	—23	—23.0	157	61,291	147,241	—85,950	—58.4	220,580	9,806	9,765
Nevada	106	6	11	—5	.....	12	5,288	11,355	—6,067	—53.4	18,120	1,057	1,317
PACIFIC:													
Washington	1,195	158	114	44	38.6	321	218,673	143,564	75,109	52.3	465,520	30,616	12,314
Oregon	1,154	181	187	—6	—3.2	307	385,953	307,540	78,413	25.5	452,530	42,454	21,071
California	174	46	74	—28	.....	192	52,294	146,119	—93,825	—64.2	254,700	7,848	9,236

[1] Reported in small fractions.

[2] Figures for 1899 include Indian Territory.

Orchard fruits.—Neither in 1920 nor in 1910 did the farm schedule call for the acreage occupied by orchards. In place of this item, however, the number of trees was reported, and comparable figures for 1920 and 1910 are available, not only for trees of bearing age, but also for young trees (trees not of bearing age). Figures were secured for the number of trees in 1900 and 1890, also, but by reason of differences in the distinction made between bearing trees (or trees of bearing age) and young trees, it is believed that these figures are not fairly comparable with those for 1920 and 1910.

The number of trees is more satisfactory than the production as an index of the progress or tendency in growing an orchard crop, since the production of fruit varies greatly from year to year, both on account of weather conditions and on account of the tendency of fruit trees in many localities to produce a crop only once in two years. The number of young trees, in particular, is a significant index of what may be expected in the way of increased production in the near future.

The statistics for orchard fruits are summarized for the United States in Table 136, and the totals for all orchard fruits combined are presented, by divisions and states, in Table 139. Data for the individual fruits, comprising apples, peaches, pears, plums and prunes, cherries, and apricots, are given, by divisions and states, in Tables 140 to 145, inclusive.

The data on apricots for the current census are somewhat incomplete, especially for the states where this fruit is grown only on a small scale, by reason of the fact that no specific inquiry with regard to apricots was carried on the 1920 farm schedule. Where the crop was important, however, the production was reported and the data written in on the schedule by the enumerators; and the total production reported for the United States, in spite of the incomplete reports for certain states, exceeded that reported in 1910.

The question with regard to quinces was likewise omitted from the 1920 schedule. Since quinces are not produced to any extent on a large scale, the result in this case was much more serious, as the number of trees and the production reported for quinces in 1920 represented only a small fraction of the figures reported in 1910. By reason of the inadequate returns, no figures are given for quinces in this report, though the data obtained are included in the total for all orchard fruits.

TABLE 136.—ORCHARD FRUITS—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, FOR THE UNITED STATES.

[Figures for divisions and states in Tables 139, 140, 141, 142, 143, 144, and 145.]

CROP.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (BUSHELS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909–1919.[1]		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
Total	**3,124,225**	.....	**230,781,135**	**301,117,277**	**1,451,065**	.....	**78,251,962**	**130,973,352**	**230,681,707**	**213,973,695**	**16,708,012**	**7.8**	**212,365,600**	**$431,097,974**	**$140,867,347**
Apples	2,687,685	2,980,398	115,309,165	151,322,840	1,034,114	1,498,746	36,195,085	65,791,848	136,560,997	145,412,318	−8,851,321	−6.1	175,397,600	241,573,577	83,231,492
Peaches	1,521,675	1,843,610	65,646,101	94,506,657	639,065	822,334	21,617,862	42,266,243	50,686,082	35,470,276	15,215,806	42.9	15,432,603	95,569,868	28,781,078
Pears	1,148,610	1,276,366	14,647,412	15,171,524	387,878	611,788	6,052,247	8,803,885	14,204,265	8,840,733	5,363,532	60.7	6,625,417	20,430,735	7,910,600
Plums and prunes	915,829	1,120,130	20,452,293	23,445,009	319,434	461,676	9,375,268	6,923,581	19,083,942	15,480,170	3,603,772	23.3	8,764,032	40,984,423	10,299,495
Cherries	1,131,355	1,248,667	10,787,751	11,822,044	384,657	488,163	3,694,531	5,621,660	3,945,749	4,126,099	−180,350	−4.4	2,873,499	14,166,176	7,231,160
Apricots	22,999	139,167	3,846,080	3,669,714	10,236	64,057	1,284,202	956,202	6,130,086	4,150,263	1,979,823	47.7	2,642,128	12,223,052	2,884,119
All other[2]	2,671	.....	92,333	1,179,489	995	.....	32,707	609,933	70,586	493,836	.....	.....	630,321	141,143	529,403

[1] A minus sign (−) denotes decrease.
[2] Includes quinces. Since this fruit was not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

Grapes.—In accordance with the general plan followed with orchard fruits, the number of vines of bearing age and the number not of bearing age were secured, in place of acreage, in the inquiry relating to grapes. The statistics for the United States as a whole are presented in Table 137, and those for divisions and states in Table 146.

TABLE 137.—GRAPES—NUMBER OF VINES, WITH FARMS REPORTING, 1920 AND 1910, AND PRODUCTION AND VALUE, 1899 TO 1919, FOR THE UNITED STATES.

[Figures for divisions and states in Table 146.]

ITEM.	1920	1910	1900
Vines of bearing age:			
Farms reporting	1,074,592	924,130	.....
Number	225,754,285	224,601,522	.....
Vines not of bearing age:			
Farms reporting	227,656	232,370	.....
Number	27,394,469	52,698,644	.....
	1919	**1909**	**1899**
Production (pounds)	2,516,840,387	2,265,065,205	1,300,984,097
Increase over preceding census	251,775,182	964,081,108	.....
Per cent of increase	11.1	74.1	.....
Value	$95,586,021	$22,027,961	$14,090,234

Fruit products.—Table 138 gives the statistics for cider, vinegar, grape juice, and dried fruits produced on farms in the United States in 1919, with comparative figures for 1909 and 1899. Similar figures are given, by divisions and states, in Table 147.

TABLE 138.—FRUIT PRODUCTS (FARM PRODUCTION)—SUMMARY FOR THE UNITED STATES: 1899 TO 1919.

[Figures for divisions and states in Table 147.]

ITEM.	1919	1909	1899
Cider:			
Farms reporting	216,617	332,810	.....
Production (gallons)	13,365,805	32,583,998	55,280,199
Cider made (or to be made) into vinegar:			
Farms reporting	150,768	.....	.....
Production (gallons)	6,470,060	.....	.....
Vinegar:			
Farms reporting	.....	159,197	.....
Production (gallons)	.....	7,246,632	12,363,656
Grape juice:			
Farms reporting	30,993	.....	.....
Production (gallons)	2,202,848	.....	.....
Wine and grape juice:			
Farms reporting	.....	67,575	.....
Production (gallons)	.....	18,636,225	8,246,344
Dried fruits: [1]			
Farms reporting	252,289	137,041	.....
Production (pounds)	612,700,626	385,039,552	144,804,638

[1] The 1919 figures include 301,035,519 pounds of raisins (reported by 8,974 farms), of which all except 35,288 pounds were produced in California.

TABLE 139.—ORCHARD FRUITS—FARMS REPORTING TREES, 1920; NUMBER OF TREES, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	TREES OF BEARING AGE.			TREES NOT OF BEARING AGE.			PRODUCTION (BUSHELS).					VALUE.	
	Farms reporting, 1920	Number.		Farms reporting, 1920	Number.		1919	1909	Increase, 1909–1919.		1899	1919	1909
		1920	1910		1920	1910			Amount.	Per cent.			
United States	**3,124,225**	**230,781,135**	**301,117,277**	**1,451,065**	**78,251,962**	**130,973,352**	**230,681,707**	**213,973,695**	**16,708,012**	**7.8**	**212,365,600**	**$431,097,974**	**$140,867,347**
GEOGRAPHIC DIVISIONS:													
New England	114,489	7,764,110	9,505,622	43,183	2,661,944	2,904,978	12,802,760	11,235,537	1,567,223	13.9	12,006,412	21,349,933	7,327,873
Middle Atlantic	350,184	34,005,740	33,977,615	151,704	11,427,320	15,475,107	28,904,682	45,114,602	—16,209,920	—35.9	57,577,644	59,536,568	28,641,924
East North Central	712,509	36,480,698	55,722,972	293,219	12,952,397	21,645,205	19,692,058	33,927,577	—14,235,519	—42.0	50,679,428	43,609,287	24,366,592
West North Central	505,780	19,779,404	52,805,414	249,896	6,902,370	15,211,756	14,028,218	24,803,920	—10,775,702	—43.4	15,403,365	28,252,426	14,763,345
South Atlantic	548,511	40,647,862	45,951,571	269,783	15,766,262	17,881,177	27,478,596	25,544,335	1,934,261	7.6	29,550,477	47,989,431	15,706,294
East South Central	423,040	16,466,891	25,275,885	208,277	6,106,686	10,443,210	7,709,698	20,042,253	—12,332,555	—61.5	13,444,525	14,169,666	11,110,041
West South Central	288,160	19,292,521	38,179,158	149,724	6,074,614	18,022,455	22,371,807	7,058,045	15,313,762	217.0	6,664,017	34,971,817	5,329,866
Mountain	57,623	10,125,368	7,685,221	23,770	1,281,189	9,718,919	13,529,094	7,478,005	6,051,089	80.9	1,646,677	24,551,960	7,648,546
Pacific	123,929	46,218,541	32,013,819	61,500	15,079,180	19,670,545	84,164,794	38,769,421	45,395,373	117.1	25,393,055	156,666,886	25,972,866
NEW ENGLAND:													
Maine	35,344	2,911,247	3,586,452	11,494	535,314	1,090,768	4,867,703	3,694,251	1,173,452	31.8	1,438,919	6,370,283	2,207,748
New Hampshire	15,233	853,203	1,368,937	5,224	271,268	271,153	1,431,241	1,165,044	266,197	22.8	2,017,880	2,403,675	719,777
Vermont	18,640	763,901	1,266,700	6,014	287,058	252,401	974,485	1,492,499	—518,014	—34.7	1,191,429	1,761,980	801,365
Massachusetts	24,869	1,705,466	1,698,220	12,466	1,010,997	591,796	3,502,244	2,763,679	738,565	26.7	3,158,781	6,830,533	2,074,270
Rhode Island	3,015	250,911	215,798	1,363	107,272	94,564	374,413	245,822	128,591	52.3	360,298	774,650	197,639
Connecticut	17,388	1,270,292	1,369,515	6,622	450,035	604,296	1,652,674	1,874,242	—221,568	—11.8	3,839,105	3,208,812	1,327,074
MIDDLE ATLANTIC:													
New York	152,128	17,277,247	17,625,093	53,111	5,057,571	7,363,614	17,887,006	29,456,291	—11,569,285	—39.3	26,172,310	34,891,361	17,988,894
New Jersey	20,780	3,099,615	3,165,749	9,479	1,816,995	2,190,236	3,765,058	2,372,358	1,392,700	58.7	6,168,480	8,039,672	1,975,044
Pennsylvania	177,276	13,028,878	13,186,773	89,114	4,552,754	5,921,257	7,252,618	13,285,953	—6,033,335	—45.4	25,236,854	16,605,535	8,677,986
EAST NORTH CENTRAL:													
Ohio	182,573	10,780,907	14,933,813	66,490	3,494,351	5,603,742	3,986,631	6,711,208	—2,724,577	—40.6	21,399,273	9,892,613	5,691,530
Indiana	129,410	5,315,040	10,050,750	50,870	1,750,643	3,787,631	1,213,266	4,713,537	—3,500,271	—74.3	9,304,482	2,999,519	3,709,275
Illinois	140,241	7,370,283	15,033,743	62,770	3,111,211	3,919,267	5,728,573	4,930,211	789,362	16.0	9,767,211	11,842,290	3,857,743
Michigan	142,984	10,112,005	12,842,827	51,584	3,615,164	6,679,949	7,261,831	15,220,104	—7,958,273	—52.3	9,859,862	15,599,738	9,020,842
Wisconsin	117,301	2,902,403	2,861,830	61,505	981,028	1,654,616	1,501,757	2,343,517	—841,760	—35.9	348,600	3,275,127	2,087,202
WEST NORTH CENTRAL:													
Minnesota	77,232	1,830,568	1,644,590	40,398	769,346	1,787,107	1,058,042	1,066,659	—8,617	—0.8	143,655	1,814,785	801,112
Iowa	138,216	3,932,079	9,208,387	58,244	1,088,995	2,802,548	2,020,520	7,234,168	—5,213,648	—72.1	3,456,422	4,414,630	4,283,873
Missouri	146,177	8,949,042	23,128,107	78,694	2,882,132	5,748,159	7,264,703	11,247,399	—3,982,696	—35.4	6,805,501	14,005,921	6,582,578
North Dakota	3,884	83,812	40,296	2,847	49,090	128,037	21,940	5,685	16,255	285.9	1,647	53,882	9,688
South Dakota	14,618	406,500	599,586	8,791	227,659	721,924	184,265	229,907	—45,642	—19.9	26,401	390,267	209,339
Nebraska	50,130	1,469,998	5,061,984	25,767	654,121	1,750,584	1,080,055	3,572,253	—2,492,198	—69.8	1,456,053	2,383,920	1,932,124
Kansas	75,523	3,107,405	13,122,464	35,155	1,231,027	2,273,397	2,398,693	1,447,849	950,844	65.7	3,513,686	5,189,021	944,631
SOUTH ATLANTIC:													
Delaware	7,444	1,547,798	2,102,313	3,094	433,999	575,897	936,777	309,274	627,503	202.9	884,797	1,662,970	195,766
Maryland	33,875	3,068,830	3,501,774	15,517	1,130,005	1,671,435	2,414,644	2,577,359	—162,715	—6.3	3,710,666	4,084,252	1,517,400
District of Columbia	83	3,086	3,583	34	1,856	74	3,164	3,655	—491	—13.4	1,002	5,627	3,169
Virginia	122,234	9,630,064	9,609,799	57,635	3,810,840	4,631,587	10,089,306	6,581,101	3,508,205	53.3	10,497,401	16,539,346	3,582,359
West Virginia	71,390	8,186,958	6,770,384	36,413	2,571,655	4,589,587	5,008,996	4,709,959	299,037	6.3	7,642,193	9,365,300	3,040,192
North Carolina	139,576	5,940,243	8,162,464	73,558	2,725,475	2,971,879	2,603,698	6,324,301	—3,720,603	—58.8	5,124,959	4,698,252	3,248,036
South Carolina	53,234	1,439,008	2,169,986	27,352	592,933	723,892	750,940	1,132,668	—381,728	—33.7	432,173	1,632,943	956,376
Georgia	106,076	10,546,662	13,179,852	47,970	4,347,458	2,517,378	5,459,369	3,670,830	1,788,539	48.7	1,028,833	9,546,221	2,930,703
Florida	14,599	285,213	451,416	8,210	152,041	199,448	211,702	235,188	—23,486	—10.0	228,453	454,520	232,203
EAST SOUTH CENTRAL:													
Kentucky	140,700	6,106,527	8,722,441	65,989	2,324,503	3,595,244	1,890,617	9,447,858	—7,557,241	—80.0	6,286,174	3,831,612	4,506,950
Tennessee	130,944	6,256,747	8,959,070	59,942	1,943,235	3,734,080	2,775,875	6,484,550	—3,708,675	—57.2	5,599,688	5,143,141	3,459,077
Alabama	94,346	2,821,622	5,039,618	47,563	1,054,637	1,759,888	1,883,003	2,475,540	—592,537	—23.9	947,736	3,155,258	1,818,508
Mississippi	57,050	1,281,995	2,554,756	34,783	784,311	1,353,998	1,160,203	1,634,305	—474,102	—29.0	610,927	2,039,655	1,325,506
WEST SOUTH CENTRAL:													
Arkansas	86,235	7,938,406	15,531,761	41,213	2,051,439	7,258,166	10,823,373	4,437,917	6,385,456	143.9	3,359,865	16,501,017	3,011,377
Louisiana	26,092	582,743	1,206,920	17,468	340,409	495,825	526,771	392,607	134,164	34.2	283,087	880,151	314,027
Oklahoma [1]	70,492	4,892,550	8,880,445	33,672	1,353,460	5,307,392	4,968,221	1,137,288	3,830,933	336.8	661,334	7,936,488	943,464
Texas	105,341	5,878,822	12,560,032	57,371	2,329,306	4,961,072	6,053,442	1,090,233	4,963,209	455.2	2,359,731	9,654,161	1,060,998
MOUNTAIN:													
Montana	4,679	1,161,441	749,104	1,740	79,805	1,363,798	702,523	591,088	111,435	18.9	45,192	1,201,491	609,078
Idaho	18,894	3,308,789	1,519,389	6,051	300,655	2,036,368	4,552,322	924,223	3,628,099	392.6	452,000	8,372,896	863,516
Wyoming	1,082	59,185	33,497	888	51,815	97,013	33,899	18,586	15,313	82.4	1,145	82,390	39,774
Colorado	11,421	2,795,582	2,947,920	5,699	358,888	3,151,784	4,627,825	4,565,849	61,976	1.4	354,049	8,226,734	4,651,792
New Mexico	7,556	965,770	803,068	4,078	254,617	1,282,211	1,247,455	504,059	743,396	147.5	267,835	2,153,922	519,677
Arizona	2,990	241,433	152,340	1,985	82,649	116,988	362,880	153,885	208,995	135.8	113,306	886,839	241,110
Utah	10,077	1,533,976	1,385,681	2,873	132,932	1,641,755	1,934,421	633,739	1,300,682	205.2	397,863	3,488,529	640,904
Nevada	924	59,192	94,222	465	19,828	29,002	67,769	86,576	—18,807	—21.7	15,287	139,159	82,695
PACIFIC:													
Washington	38,728	10,732,778	4,944,889	16,075	1,384,919	6,951,251	25,957,797	4,244,670	21,713,127	511.5	1,180,357	47,827,647	4,274,124
Oregon	31,173	7,854,006	4,583,735	12,518	2,167,331	4,309,232	10,649,427	4,423,244	6,226,183	140.8	1,522,002	17,151,425	3,339,845
California	54,028	27,631,757	22,485,195	32,907	11,526,930	8,410,062	47,557,570	30,101,507	17,456,063	58.0	22,690,696	91,687,814	18,358,897

[1] Figures for 1899 include Indian Territory.

TABLE 140.—APPLES—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (BUSHELS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	2,687,685	2,980,398	115,309,165	151,322,840	1,034,114	1,498,746	36,195,085	65,791,848	136,560,997	145,412,318	—8,851,321	—6.1	175,397,800	$241,573,577	$83,231,492
GEOG. DIVISIONS:															
New England	111,582	137,765	6,351,577	8,219,152	36,216	45,167	2,123,730	2,094,512	12,070,259	10,508,457	1,561,802	14.9	11,649,204	19,562,535	6,272,726
Middle Atlantic	339,548	378,507	17,775,068	20,302,285	111,211	130,699	6,371,590	5,849,449	21,529,512	37,864,532	—16,335,020	—43.1	52,812,804	41,733,402	19,856,752
E. North Central	684,462	773,570	22,449,054	34,134,909	218,471	372,600	7,678,220	10,610,319	15,724,432	25,080,615	—9,356,183	—37.3	47,650,850	32,712,053	14,669,289
W. North Central	451,980	562,827	12,506,741	31,744,757	192,527	288,669	4,166,067	9,724,993	10,810,161	21,923,470	—11,113,309	—50.7	14,322,739	20,837,766	11,792,016
South Atlantic	458,781	496,527	20,777,465	20,673,712	195,192	244,593	8,051,972	10,064,819	17,829,422	18,375,485	—546,063	—3.0	26,772,835	29,851,290	9,461,189
E. South Central	355,506	363,879	8,238,854	12,273,277	154,976	213,700	3,093,230	5,386,555	3,334,668	13,163,180	—9,828,512	—74.7	12,409,702	5,982,316	6,073,710
W. South Central	138,533	160,234	6,007,845	11,838,069	73,376	122,692	1,586,538	7,224,590	9,291,332	8,240,108	6,051,224	186.8	3,805,702	14,098,673	2,085,260
Mountain	52,171	36,412	6,794,915	4,614,667	17,937	32,182	723,571	6,679,166	9,639,219	5,718,372	3,920,847	68.6	882,598	16,473,036	5,536,183
Pacific	95,122	70,677	14,407,646	7,522,012	34,208	48,444	2,400,167	8,157,445	36,331,992	9,538,099	26,793,893	280.9	5,091,166	60,322,506	7,484,367
NEW ENGLAND:															
Maine	34,609	42,976	2,833,304	3,476,616	9,707	17,302	512,217	1,045,123	4,829,346	3,636,181	1,193,165	32.8	1,421,773	6,278,151	2,121,816
New Hampshire	14,965	20,420	721,130	1,240,885	4,328	5,311	227,933	207,289	1,364,001	1,108,424	255,577	23.1	1,978,797	2,250,602	637,990
Vermont	17,781	23,644	712,594	1,183,529	5,333	7,205	254,029	219,833	960,252	1,459,689	—499,437	—34.2	1,176,822	1,728,454	752,337
Massachusetts	24,270	27,937	1,218,870	1,367,379	10,663	9,278	791,771	355,868	3,187,211	2,550,259	636,952	25.0	3,023,436	6,055,701	1,780,290
Rhode Island	2,958	3,327	173,110	152,009	1,118	1,005	71,375	54,560	334,308	212,908	121,400	57.0	339,445	668,616	147,125
Connecticut	16,999	19,461	692,569	798,734	5,067	5,006	266,405	211,839	1,395,141	1,540,996	—145,855	—9.5	3,708,931	2,581,011	833,168
MIDDLE ATLANTIC:															
New York	148,199	168,667	9,636,698	11,248,203	38,166	48,007	2,932,281	2,828,515	14,350,317	25,409,324	—11,059,007	—43.5	24,111,257	26,548,087	13,343,028
New Jersey	18,517	21,127	1,149,776	1,053,626	6,738	5,851	811,256	519,749	1,666,400	1,406,778	259,622	18.5	4,640,896	3,332,800	956,108
Pennsylvania	172,832	188,713	6,988,594	8,000,456	66,307	76,841	2,628,053	2,501,185	5,512,795	11,048,430	—5,535,635	—50.1	24,060,651	11,852,515	5,557,616
E. NORTH CENTRAL:															
Ohio	175,416	201,044	5,970,410	8,504,886	48,546	77,900	2,047,687	2,438,246	2,976,436	4,663,752	—1,687,316	—36.2	20,617,480	6,845,811	2,970,851
Indiana	126,647	158,104	3,427,816	5,764,821	34,625	74,256	929,160	1,961,974	925,624	2,759,134	—1,833,510	—66.5	8,620,278	2,221,498	1,720,811
Illinois	134,414	160,215	5,113,063	9,900,627	41,234	60,631	1,825,886	2,548,301	4,673,117	3,093,321	1,579,796	51.1	9,178,150	9,346,234	2,111,866
Michigan	133,882	153,026	5,615,905	7,534,343	38,502	87,846	2,050,229	2,253,072	5,843,271	12,332,296	—6,489,025	—52.6	8,931,569	11,686,542	5,969,080
Wisconsin	114,603	101,181	2,321,860	2,430,232	55,564	71,967	825,258	1,408,726	1,305,984	2,232,112	—926,128	—41.5	303,373	2,611,968	1,896,681
W. NORTH CENTRAL:															
Minnesota	73,941	59,780	1,596,264	1,380,396	36,689	55,340	637,187	1,571,816	1,028,478	1,044,156	—15,678	—1.5	120,143	1,748,412	769,114
Iowa	131,732	148,759	2,996,469	5,847,034	48,522	74,687	767,351	1,914,325	1,810,443	6,746,668	—4,936,225	—73.2	3,120,862	3,801,939	3,550,729
Missouri	137,063	181,396	5,162,859	14,359,673	56,322	75,035	1,585,823	3,624,833	5,132,109	9,258,977	—4,126,868	—44.6	6,496,430	9,494,411	4,885,544
North Dakota	2,643	1,248	26,157	15,941	1,926	3,908	10,694	70,023	14,358	4,374	9,984	228.3	1,273	35,907	7,270
South Dakota	13,114	9,316	255,637	274,862	6,983	13,510	136,082	460,547	168,256	191,784	—23,528	—12.3	17,121	353,336	158,729
Nebraska	40,539	57,408	961,313	2,937,178	19,344	29,920	401,788	967,133	907,224	3,321,073	—2,413,849	—72.7	1,343,497	1,905,175	1,612,765
Kansas	52,948	104,920	1,508,042	6,929,673	22,741	36,271	618,142	1,116,316	1,749,293	1,356,438	392,855	29.0	3,214,407	3,498,586	807,865
SOUTH ATLANTIC:															
Delaware	6,920	6,741	816,109	429,753	2,897	2,231	308,487	263,813	606,286	183,094	423,192	231.1	702,920	1,091,315	115,371
Maryland	33,636	34,798	1,651,936	1,288,482	12,594	17,157	766,264	660,685	1,518,884	1,822,824	—303,940	—16.7	3,150,673	2,430,217	902,077
Dist. of Columbia	62	34	1,036	1,654	24	3	1,178	29	1,832	2,952	—1,120	—37.9	283	3,121	2,162
Virginia	116,113	115,881	7,385,277	7,004,548	46,080	61,499	2,857,007	3,435,591	8,942,520	6,103,941	2,838,579	46.5	9,835,982	14,308,026	3,129,832
West Virginia	68,649	76,122	5,554,731	4,570,948	28,175	46,837	1,735,126	2,772,025	4,189,162	4,225,163	—36,001	—0.9	7,495,743	7,540,491	2,461,074
North Carolina	128,655	159,883	3,474,821	4,910,171	58,724	68,208	1,394,588	1,835,337	1,938,038	4,775,693	—2,837,655	—59.4	4,662,751	3,294,671	2,014,670
South Carolina	38,706	40,425	377,557	581,767	17,891	20,689	181,101	269,044	215,659	362,800	—147,141	—40.6	251,728	474,448	276,410
Georgia	65,854	62,033	1,515,505	1,878,209	28,944	27,276	806,731	822,327	416,902	895,613	—478,711	—53.5	670,889	708,735	555,744
Florida	186	610	493	8,180	363	633	1,490	5,968	139	3,405	—3,266	—95.9	1,866	266	3,849
E. SOUTH CENTRAL:															
Kentucky	131,982	133,037	3,742,936	5,538,267	53,840	68,478	1,427,408	2,106,297	1,280,549	7,368,499	—6,087,950	—82.6	6,053,717	2,433,053	3,066,776
Tennessee	117,810	123,411	3,181,659	4,838,922	47,032	67,350	1,032,490	2,117,246	1,258,878	4,640,444	—3,381,566	—72.9	5,387,775	2,265,979	2,172,475
Alabama	70,360	65,379	1,044,397	1,468,436	32,625	40,979	422,646	737,689	577,356	888,396	—311,040	—35.0	719,175	923,769	620,745
Mississippi	35,354	42,052	269,862	427,652	21,479	36,893	210,686	425,323	217,885	265,841	—47,956	—18.0	249,035	359,515	213,714
W. SOUTH CENTRAL:															
Arkansas	64,172	67,716	4,074,870	7,650,103	29,678	46,394	877,376	3,940,089	7,163,619	2,296,043	4,867,576	212.0	2,811,182	10,745,448	1,322,785
Louisiana	7,340	8,885	47,037	93,304	6,251	8,082	44,175	96,544	43,910	33,875	10,035	29.6	68,735	74,647	28,744
Oklahoma [1]	42,159	47,578	1,417,911	2,955,810	19,759	39,172	428,502	2,060,384	1,596,975	742,182	854,793	115.2	333,800	2,475,309	573,076
Texas	24,862	36,055	468,027	1,138,852	17,688	29,044	236,485	1,127,573	486,828	168,008	318,820	189.8	591,985	803,269	160,655
MOUNTAIN:															
Montana	4,435	3,167	1,059,198	696,753	1,401	3,633	69,328	1,308,066	673,716	567,054	106,662	18.8	43,939	1,111,632	566,938
Idaho	18,630	9,414	2,380,523	1,005,668	5,186	9,447	144,088	1,539,896	3,645,640	659,959	2,985,681	452.4	223,662	6,379,873	610,504
Wyoming	1,001	737	50,302	27,773	803	1,175	34,197	84,024	29,999	17,836	12,163	68.2	989	71,997	37,580
Colorado	10,475	7,986	1,777,737	1,688,425	3,724	6,496	183,315	1,972,914	3,417,682	3,559,094	—141,412	—4.0	257,563	5,639,178	3,405,442
New Mexico	6,096	5,242	687,799	542,528	2,957	5,489	167,097	914,254	939,102	417,143	521,959	125.1	142,332	1,502,564	420,536
Arizona	1,672	822	70,273	62,027	1,222	965	35,977	53,884	120,765	72,814	47,951	65.9	13,471	289,836	109,395
Utah	9,000	8,419	726,471	517,039	2,255	4,631	80,304	789,260	759,696	350,023	409,673	117.0	189,882	1,367,454	319,691
Nevada	862	625	42,612	74,454	389	346	9,265	16,868	52,619	74,449	—21,830	—29.3	10,760	110,502	66,097
PACIFIC:															
Washington	35,535	27,156	7,964,167	3,009,337	11,401	21,401	755,898	4,862,702	21,568,691	2,672,100	18,896,591	707.2	728,978	38,856,641	2,925,761
Oregon	29,044	23,850	3,315,093	2,029,913	7,353	14,327	500,322	2,240,636	6,921,284	1,930,926	4,990,358	258.4	873,980	9,343,737	1,656,944
California	30,543	19,671	3,128,386	2,482,762	15,454	12,716	1,143,947	1,054,107	7,842,017	4,935,073	2,906,944	58.9	3,488,208	12,155,128	2,901,662

[1] Figures for 1899 include Indian Territory.

TABLE 141.—PEACHES—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[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.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (BUSHELS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	1,521,675	1,843,610	65,646,101	94,506,657	639,065	822,334	21,617,862	42,266,243	50,686,082	35,470,276	15,215,806	42.9	15,432,603	$95,569,868	$28,781,078
GEOGRAPHIC DIVISIONS:															
New England	15,999	12,860	993,003	723,810	7,808	7,997	324,117	572,237	479,000	406,903	72,097	17.7	104,737	1,197,192	632,411
Middle Atlantic	116,023	111,965	8,538,381	6,056,690	47,809	68,429	2,777,643	5,759,925	4,015,438	3,201,493	813,945	25.4	1,231,242	9,804,920	4,018,034
East North Central	188,277	379,702	6,807,070	11,035,119	94,596	161,082	3,143,932	6,972,375	1,597,933	5,120,841	—3,522,908	—68.8	716,670	4,501,852	5,172,957
West North Central	158,999	308,544	3,430,028	13,265,526	63,495	93,612	1,097,036	2,582,028	1,490,033	1,643,257	—153,224	—9.3	212,932	3,078,693	1,250,944
South Atlantic	367,738	360,895	16,800,861	20,583,445	159,686	153,940	6,752,891	6,137,901	7,985,330	5,571,628	2,413,702	43.3	1,412,471	14,913,593	4,888,459
East South Central	328,852	343,358	6,420,558	10,312,768	120,421	158,426	2,420,517	3,865,232	3,604,149	5,775,799	—2,171,650	—37.6	549,226	6,650,204	4,098,776
West South Central	260,185	274,530	11,092,227	22,284,966	107,011	134,198	3,499,485	8,734,552	11,268,207	3,279,545	7,988,662	243.6	2,192,353	17,734,953	2,761,044
Mountain	22,242	15,110	1,444,192	1,605,285	7,486	14,408	155,135	1,696,111	2,227,619	940,168	1,287,451	136.9	267,365	4,042,350	1,071,446
Pacific	63,360	36,646	10,119,781	8,639,043	21,753	30,242	1,447,106	5,945,882	18,018,373	9,530,642	8,487,731	89.1	8,745,607	33,646,121	4,887,007
NEW ENGLAND:															
Maine	587	683	5,666	5,102	366	320	2,570	3,320	2,177	2,014	163	8.1	1,895	5,225	3,205
New Hampshire	2,398	2,724	81,287	57,571	1,019	1,236	23,200	35,213	39,019	23,218	15,801	68.1	6,054	91,695	37,884
Vermont	201	188	2,915	5,492	152	137	3,978	2,187	904	2,221	—1,317	—59.3	967	2,262	4,399
Massachusetts	7,085	5,038	346,260	154,592	3,285	3,252	135,426	162,114	213,139	91,756	121,383	132.3	27,906	532,851	138,716
Rhode Island	936	814	61,125	39,342	571	516	25,366	30,795	28,771	17,704	11,067	62.5	6,140	77,682	30,609
Connecticut	4,792	3,413	495,750	461,711	2,415	2,536	133,577	338,608	194,990	269,990	—75,000	—27.8	61,775	487,477	417,598
MIDDLE ATLANTIC:															
New York	24,554	25,926	3,038,023	2,457,187	9,392	14,337	658,868	2,216,907	1,262,480	1,736,483	—474,003	—27.3	466,850	2,840,589	2,014,088
New Jersey	8,540	5,783	1,936,632	1,216,476	4,626	5,493	884,067	1,363,632	1,553,223	441,440	1,211,783	274.5	620,928	3,885,073	652,771
Pennsylvania	82,929	80,256	3,563,726	2,383,027	33,791	48,599	1,234,708	2,179,386	1,099,735	1,023,570	76,165	7.4	143,464	3,079,258	1,351,175
EAST NORTH CENTRAL:															
Ohio	67,402	102,863	2,924,177	3,133,368	28,801	50,736	970,183	2,092,300	617,537	1,036,340	—418,803	—40.4	240,686	1,821,740	1,349,311
Indiana	43,492	115,090	860,024	2,130,298	23,586	46,962	568,046	1,145,479	82,266	1,174,389	—1,092,123	—93.0	69,333	255,027	1,123,248
Illinois	55,968	114,165	1,011,325	2,860,120	31,090	34,411	830,712	739,358	449,601	1,222,570	—772,969	—63.2	66,805	1,191,442	999,516
Michigan	21,133	47,060	2,010,022	2,907,170	10,860	28,377	764,838	2,991,090	448,177	1,686,586	—1,238,409	—73.4	339,637	1,232,495	1,700,330
Wisconsin	282	524	1,522	4,163	259	596	1,153	4,148	352	956	—604	—63.2	200	1,148	552
WEST NORTH CENTRAL:															
Minnesota	84	101	890	1,571	81	185	427	3,837	370	599	—229	—38.2	190	944	659
Iowa	10,596	37,135	129,939	1,090,749	5,611	14,185	61,043	283,308	1,891	23,180	—21,289	—91.8	5,481	5,766	24,950
Missouri	104,249	152,632	2,358,925	6,588,034	37,585	42,896	716,325	1,404,429	1,262,723	1,484,548	—221,825	—14.9	61,006	2,525,446	1,110,550
North Dakota	5	14	38	90	6	54	32	604	3	35	—32	.....	.....	9	71
South Dakota	14	85	109	1,815	24	325	177	5,259	21	148	—127	—85.8	13	65	167
Nebraska	4,694	25,199	95,629	1,188,373	3,178	10,570	40,118	263,882	11,461	110,180	—98,719	—89.6	8,753	33,813	91,129
Kansas	39,357	93,378	844,498	4,394,894	17,010	25,397	278,914	620,709	213,564	24,567	188,997	769.3	137,489	512,550	23,418
SOUTH ATLANTIC:															
Delaware	3,288	3,853	464,514	1,177,402	1,436	1,069	93,336	212,117	227,375	16,722	210,653	.....	9,750	409,275	21,402
Maryland	13,960	14,464	997,086	1,497,724	6,357	9,027	285,486	805,063	564,111	324,609	239,502	73.8	172,303	1,071,815	361,617
Dist. of Columbia	20	8	1,208	330	9	1	238	1	229	3	226	.....	3	481	3
Virginia	61,951	63,172	1,578,253	1,585,505	28,289	29,415	783,733	780,551	681,528	243,446	438,082	180.0	357,339	1,363,056	227,141
West Virginia	35,802	34,903	2,049,862	1,424,582	15,557	20,703	651,742	1,441,188	706,411	328,901	377,510	114.8	18,100	1,518,784	368,584
North Carolina	101,220	110,106	1,976,756	2,661,791	48,091	45,367	1,093,993	861,042	479,218	1,344,410	—865,192	—64.4	373,663	1,006,360	1,041,767
South Carolina	45,589	49,935	871,976	1,336,142	19,800	20,523	335,599	349,790	380,734	643,040	—253,306	—39.4	129,472	837,930	557,303
Georgia	92,499	74,643	8,655,051	10,609,119	33,278	22,708	3,391,851	1,531,367	4,788,718	2,555,499	2,233,219	87.4	259,728	8,380,279	2,182,613
Florida	13,409	9,811	206,155	290,850	6,869	5,127	116,913	156,782	148,006	114,998	33,008	28.7	92,113	325,613	128,029
EAST SOUTH CENTRAL:															
Kentucky	86,756	93,343	1,671,044	2,245,402	35,746	43,002	690,483	1,110,744	459,681	1,623,379	—1,163,698	—71.7	34,700	1,034,291	1,062,138
Tennessee	100,644	101,871	2,349,656	3,163,737	33,431	44,328	690,359	1,190,727	1,285,441	1,579,019	—293,578	—18.6	77,678	2,378,065	1,055,379
Alabama	86,256	80,762	1,544,700	3,177,331	33,446	34,451	546,024	838,866	1,083,142	1,416,584	—333,442	—23.5	184,543	1,841,344	1,055,971
Mississippi	55,196	67,382	855,158	1,726,298	26,798	36,645	493,651	724,895	775,885	1,156,817	—380,932	—32.9	252,305	1,396,594	925,288
WEST SOUTH CENTRAL:															
Arkansas	73,325	77,332	3,342,387	6,859,962	27,599	40,889	988,966	2,884,927	3,340,823	1,901,647	1,439,176	75.7	333,642	5,178,276	1,502,996
Louisiana	23,134	22,128	408,178	903,352	13,949	12,551	231,909	316,132	381,863	290,623	91,240	31.4	153,808	630,074	228,084
Oklahoma [1]	61,830	66,111	2,879,945	4,783,825	21,376	33,046	637,762	2,574,680	2,924,842	357,644	2,567,198	717.8	304,663	4,533,512	326,315
Texas	101,896	108,959	4,461,717	9,737,827	44,087	47,712	1,640,848	2,958,813	4,620,679	729,631	3,891,048	533.3	1,400,240	7,393,091	703,649
MOUNTAIN:															
Montana	144	49	1,831	538	75	117	420	3,386	509	128	381	297.7	17	1,656	235
Idaho	5,323	2,982	178,434	73,080	1,709	3,401	26,648	212,995	279,101	18,734	260,367	.....	17,793	502,380	28,149
Wyoming	3	6	19	46	11	71	33	419	4	5	—1	.....	.....	11	30
Colorado	2,896	2,823	446,943	793,372	958	2,676	32,158	606,001	721,480	692,258	29,222	4.2	47,381	1,334,741	764,561
New Mexico	5,162	2,982	154,968	136,191	2,153	4,094	36,923	184,466	198,346	32,533	165,813	509.7	76,204	426,445	37,195
Arizona	2,441	1,266	101,855	51,415	1,304	1,030	26,681	32,562	138,361	50,102	88,259	176.2	38,092	352,821	80,325
Utah	5,460	4,765	554,202	544,314	1,015	2,856	28,551	651,233	883,950	143,237	740,713	517.1	85,315	1,414,320	156,451
Nevada	313	237	5,940	6,329	171	163	3,721	5,049	5,868	3,171	2,697	85.1	2,563	9,976	4,500
PACIFIC:															
Washington	12,846	7,139	649,085	536,875	3,464	8,199	50,254	1,028,141	1,544,859	84,494	1,460,365	.....	80,990	3,321,449	118,918
Oregon	11,789	7,870	412,936	273,162	3,463	6,812	29,911	508,179	504,441	179,030	325,411	181.8	101,190	781,885	194,314
California	38,725	21,637	9,057,760	7,829,011	14,826	15,231	1,366,941	4,409,562	15,969,073	9,267,118	6,701,955	72.3	8,563,427	29,542,787	4,573,775

[1] Figures for 1899 include Indian Territory.

TABLE 142.—PEARS—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[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.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (BUSHELS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909–1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	1,148,610	1,276,366	14,647,412	15,171,524	387,878	611,788	6,052,247	8,803,885	14,204,265	8,840,733	5,363,532	60.7	6,625,417	$26,439,735	$7,910,600
GEOGRAPHIC DIVISIONS:															
New England	35,378	48,188	220,433	296,874	10,635	13,171	115,924	97,650	194,286	233,845	−39,559	−16.9	183,728	425,257	258,816
Middle Atlantic	201,921	215,396	4,012,994	3,670,094	49,077	81,189	1,282,242	2,123,242	2,652,903	2,185,204	467,699	21.4	2,185,165	5,656,591	2,029,040
East North Central	272,270	360,541	2,443,010	3,560,083	66,465	132,083	676,117	1,441,505	1,060,522	1,623,176	−562,654	−34.7	782,265	2,173,619	1,331,712
West North Central	117,377	159,815	724,393	1,154,426	47,133	70,256	249,021	589,140	707,359	213,678	493,681	231.0	86,804	1,331,864	239,838
South Atlantic	196,421	200,902	1,506,279	2,325,714	73,384	111,600	464,903	880,461	1,139,048	975,162	163,886	16.8	745,294	1,938,827	680,275
East South Central	136,535	129,462	651,824	831,618	55,041	88,682	252,689	506,959	452,980	536,422	−83,442	−15.6	180,128	820,360	450,042
West South Central	90,795	92,558	849,737	1,045,143	47,722	70,506	333,086	936,230	1,069,231	191,518	877,713	458.3	225,265	1,698,728	192,736
Mountain	20,669	15,955	339,018	312,449	6,890	13,393	101,870	417,182	485,191	268,205	216,986	80.9	133,482	1,036,194	371,306
Pacific	77,244	53,549	3,899,724	1,975,123	31,531	30,908	2,576,395	1,811,516	6,442,745	2,613,523	3,829,222	146.5	2,103,286	11,358,295	2,356,835
NEW ENGLAND:															
Maine	5,504	10,857	22,525	46,683	1,637	3,170	7,120	13,013	14,291	38,964	−24,673	−63.3	11,200	27,869	43,524
New Hampshire	4,557	7,013	21,506	36,816	1,237	1,690	7,753	9,397	17,274	24,224	−6,950	−28.7	19,341	31,957	25,206
Vermont	3,281	6,222	14,352	26,315	1,063	2,014	8,484	7,726	10,360	20,763	−10,403	−50.1	10,239	22,793	23,788
Massachusetts	12,285	13,930	88,630	113,365	3,906	3,535	52,745	38,378	84,486	96,071	−11,585	−12.1	89,011	190,097	110,069
Rhode Island	1,587	1,781	13,435	16,907	463	382	7,955	5,405	10,713	12,501	−1,788	−14.3	12,452	26,784	14,577
Connecticut	8,164	8,385	59,985	56,788	2,329	2,380	31,867	23,731	57,102	41,322	15,840	38.3	41,485	125,757	41,652
MIDDLE ATLANTIC:															
New York	76,396	85,725	2,778,761	2,141,596	19,192	26,773	967,573	1,502,661	1,830,237	1,343,089	487,148	36.3	960,170	4,026,521	1,418,218
New Jersey	10,977	11,078	480,601	731,616	2,583	3,439	77,026	238,401	401,706	463,290	−61,584	−13.3	790,818	682,902	254,582
Pennsylvania	114,548	118,593	753,632	796,882	27,302	50,977	237,643	382,180	420,960	378,825	42,135	11.1	434,177	947,168	356,240
EAST NORTH CENTRAL:															
Ohio	82,019	113,897	616,416	899,019	18,355	38,248	147,892	333,789	157,492	374,871	−217,379	−58.0	244,565	393,755	332,727
Indiana	63,219	94,787	337,515	708,723	13,600	33,869	68,150	229,548	109,463	319,925	−210,462	−65.8	231,713	218,926	243,698
Illinois	54,858	68,556	435,707	786,349	17,614	25,593	148,810	234,037	374,925	249,365	125,560	50.4	133,745	656,136	202,965
Michigan	64,847	75,567	1,029,735	1,136,151	14,347	29,058	302,734	623,931	405,189	666,023	−260,834	−39.2	170,702	871,155	535,771
Wisconsin	7,327	7,734	23,637	29,841	2,549	5,315	8,531	20,250	13,453	12,992	461	3.5	1,540	33,647	16,551
WEST NORTH CENTRAL:															
Minnesota	205	264	1,626	2,792	152	440	882	4,135	265	400	−135	−33.8	226	540	465
Iowa	18,708	29,784	100,582	191,125	7,778	15,370	34,985	123,262	30,036	44,449	−14,413	−32.4	5,014	67,589	58,777
Missouri	58,839	72,255	376,208	606,973	20,552	29,257	101,994	272,213	430,828	142,547	288,281	202.2	58,449	753,964	148,789
North Dakota	22	5	436	24	11	61	148	327	83	8	75	.....	1	210	15
South Dakota	64	216	711	1,844	68	685	2,044	5,087	43	162	−119	−73.5	157	113	447
Nebraska	7,042	10,325	36,926	59,285	5,579	7,821	29,011	51,443	24,617	6,700	17,917	267.4	979	55,398	9,802
Kansas	32,497	46,966	207,854	292,383	12,993	16,622	79,957	132,673	221,487	19,412	202,075	.....	21,978	454,050	21,543
SOUTH ATLANTIC:															
Delaware	3,622	4,451	249,375	449,692	710	997	26,575	90,917	97,703	105,357	−7,654	−7.3	156,208	146,555	52,022
Maryland	18,915	23,199	305,510	540,583	3,920	7,893	48,918	138,152	287,199	367,359	−80,160	−21.8	301,702	459,518	168,561
Dist. of Columbia	46	36	517	1,045	17	2	152	32	919	455	464	102.0	468	1,470	412
Virginia	51,485	55,122	311,199	457,177	16,589	29,354	79,561	255,083	287,927	74,486	213,441	286.6	88,400	460,680	63,424
West Virginia	20,202	25,729	116,685	154,908	7,097	20,128	43,357	102,826	33,364	29,916	3,448	11.5	19,475	70,068	32,101
North Carolina	50,420	45,093	219,725	243,367	22,715	30,630	120,104	150,368	111,548	84,019	27,529	32.8	25,521	211,945	81,347
South Carolina	19,005	17,261	78,999	105,251	8,730	10,899	33,188	54,732	98,975	65,680	33,295	50.7	20,439	207,852	67,685
Georgia	29,023	24,247	178,070	262,982	12,030	10,284	83,474	69,534	178,181	149,667	28,514	19.1	49,497	302,916	134,604
Florida	3,703	5,764	46,199	110,709	1,576	1,413	20,574	18,817	43,232	98,223	−54,991	−56.0	83,584	77,823	80,119
EAST SOUTH CENTRAL:															
Kentucky	45,405	42,471	238,007	337,355	17,399	23,651	76,505	131,905	54,764	251,536	−196,772	−78.2	76,940	112,268	187,951
Tennessee	46,661	41,261	223,556	233,407	16,848	28,015	73,679	174,675	114,963	83,557	31,406	37.6	43,609	218,429	78,448
Alabama	26,660	24,288	115,082	142,300	11,137	16,584	51,411	99,170	162,509	100,041	62,468	62.4	22,656	284,399	86,866
Mississippi	17,809	21,442	75,179	118,556	9,657	20,432	51,094	101,209	120,744	101,288	19,456	19.2	36,923	205,264	96,777
WEST SOUTH CENTRAL:															
Arkansas	17,576	19,024	145,789	221,764	9,734	18,615	49,412	196,753	123,605	37,547	86,058	229.2	24,503	210,130	38,140
Louisiana	8,036	8,227	38,796	57,630	5,989	6,340	27,336	38,242	58,640	35,554	23,086	64.9	29,405	102,631	31,069
Oklahoma[1]	25,183	24,910	229,468	207,271	11,216	19,899	73,944	252,336	249,586	7,450	242,136	.....	4,939	461,735	9,248
Texas	40,000	40,397	435,684	558,478	20,783	25,652	182,394	448,899	637,400	110,967	526,433	474.4	166,418	924,232	114,279
MOUNTAIN:															
Montana	664	586	10,278	10,297	206	663	1,386	12,806	3,960	7,543	−3,583	−47.5	24	9,702	12,008
Idaho	8,645	5,463	75,452	65,113	2,460	5,114	20,539	76,939	47,847	42,649	5,198	12.2	25,324	105,263	48,045
Wyoming	40	51	116	178	58	155	239	901	64	16	48	.....	3	128	65
Colorado	2,598	1,890	136,117	99,989	879	2,076	39,979	171,367	269,465	132,536	136,929	103.3	19,272	592,824	210,685
New Mexico	2,830	2,093	49,315	37,220	1,275	2,718	19,423	100,201	65,542	29,435	36,107	122.7	14,777	114,698	29,688
Arizona	1,139	745	12,359	16,351	821	824	7,716	12,852	18,201	13,289	4,912	37.0	13,197	49,144	21,331
Utah	4,227	4,747	51,812	79,355	964	1,642	8,479	39,901	76,008	38,654	37,354	96.6	59,982	155,817	44,365
Nevada	526	380	3,569	3,946	227	201	4,109	2,215	4,104	4,083	21	0.5	903	8,618	5,119
PACIFIC:															
Washington	32,937	20,343	866,631	290,676	12,793	13,752	183,346	617,754	1,728,759	310,804	1,417,955	456.2	78,236	3,025,331	328,895
Oregon	20,145	18,133	727,444	273,542	4,915	8,624	214,523	795,669	761,063	374,622	386,441	103.2	112,225	1,217,703	366,977
California	24,162	15,073	2,305,646	1,410,905	13,823	8,532	2,178,526	398,093	3,952,923	1,928,097	2,024,826	105.0	1,912,825	7,115,261	1,660,963

[1] Figures for 1899 include Indian Territory.

TABLE 143.—PLUMS AND PRUNES—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (BUSHELS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909–1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	915,829	1,120,130	20,452,293	23,445,009	319,434	461,676	9,375,268	6,923,581	19,083,942	15,480,170	3,603,772	23.3	8,764,032	$40,984,423	$10,299,495
GEOGRAPHIC DIVISIONS:															
New England	20,990	25,872	125,988	176,038	8,348	12,302	53,570	90,498	47,838	62,733	—14,895	—23.7	24,976	123,114	110,178
Middle Atlantic	140,390	148,834	1,543,663	1,709,712	39,162	62,037	450,858	845,001	337,274	858,274	—521,000	—60.7	428,583	903,862	928,673
East North Central	211,211	299,672	1,441,988	2,739,635	63,639	111,541	466,989	976,854	425,600	568,383	—142,783	—25.1	596,753	1,074,795	674,671
West North Central	156,966	253,304	1,424,673	3,570,012	66,864	95,854	553,807	1,114,862	346,695	499,784	—153,089	—30.6	428,048	736,498	535,374
South Atlantic	111,125	114,141	674,440	1,152,080	35,603	46,842	209,401	363,009	274,560	257,912	16,648	6.5	190,561	562,547	236,221
East South Central	92,429	93,098	735,670	1,324,616	25,795	38,952	152,787	372,010	235,188	442,125	—206,937	—46.8	228,558	440,776	314,199
West South Central	78,862	107,851	1,066,700	2,337,965	40,756	52,087	453,582	744,987	626,335	327,260	299,075	91.4	397,266	1,069,475	267,703
Mountain	28,741	20,616	795,886	678,268	9,588	14,672	156,293	265,810	651,863	366,056	285,807	78.1	248,223	1,424,973	319,651
Pacific	75,115	56,742	12,643,279	9,756,683	29,679	26,789	6,877,981	2,150,460	16,138,589	12,097,643	4,040,946	33.4	6,221,064	34,648,383	6,912,825
NEW ENGLAND:															
Maine	6,792	7,065	37,529	43,576	2,027	3,614	9,395	22,491	20,043	14,637	5,406	36.9	2,282	52,113	31,954
New Hampshire	3,315	3,714	18,335	23,152	1,126	1,647	6,454	12,562	8,429	7,542	887	11.8	4,942	20,230	14,039
Vermont	2,295	4,640	19,647	32,920	1,104	2,225	10,756	15,818	2,062	7,205	—5,143	—71.4	1,529	4,843	12,927
Massachusetts	5,640	6,057	32,764	41,345	2,501	2,032	16,553	23,871	13,152	17,814	—4,662	—26.2	5,919	36,170	28,253
Rhode Island	387	533	1,964	4,836	217	241	1,347	2,556	465	1,872	—1,407	—75.2	571	1,093	3,586
Connecticut	2,561	3,863	15,749	30,209	1,373	1,643	9,065	13,200	3,687	13,663	—9,976	—73.0	9,733	8,665	19,419
MIDDLE ATLANTIC:															
New York	51,615	62,024	745,889	919,017	15,396	22,083	205,702	328,329	244,294	553,522	—309,228	—55.9	303,688	659,598	519,192
New Jersey	4,279	4,052	30,128	46,547	1,413	1,714	11,772	23,071	8,526	9,594	—1,068	—11.1	24,685	20,461	13,476
Pennsylvania	84,496	82,758	767,646	744,148	22,353	38,840	233,384	493,601	84,454	295,158	—210,704	—71.4	100,210	223,803	396,005
EAST NORTH CENTRAL:															
Ohio	62,342	96,203	459,265	1,001,734	15,039	33,053	129,713	332,811	84,602	215,657	—131,055	—60.8	81,435	245,347	278,505
Indiana	40,487	71,077	214,202	566,988	10,037	23,948	53,178	177,931	33,536	77,065	—43,529	—56.5	131,529	88,877	89,073
Illinois	48,480	69,352	273,554	600,087	14,513	18,408	79,615	141,480	83,017	78,566	4,451	5.7	157,941	182,638	80,384
Michigan	40,853	49,498	377,123	464,017	12,621	25,331	142,657	253,479	203,091	181,188	21,903	12.1	213,682	507,750	205,705
Wisconsin	19,049	13,542	117,844	105,909	11,429	10,741	61,826	71,153	21,354	15,907	5,447	34.2	12,166	50,183	20,944
WEST NORTH CENTRAL:															
Minnesota	18,452	14,914	193,668	238,736	11,730	13,265	102,929	167,926	24,337	19,920	4,417	22.2	21,820	51,113	27,808
Iowa	38,274	78,157	313,769	1,155,041	14,135	23,046	95,356	245,281	27,929	158,036	—130,107	—82.3	186,312	58,655	192,421
Missouri	68,257	92,163	528,649	917,851	19,876	23,053	144,651	183,828	232,025	234,872	—2,847	—1.2	111,603	487,257	211,472
North Dakota	2,282	737	41,254	19,147	1,419	2,320	19,852	35,459	5,660	1,048	4,612	440.1	365	11,320	1,866
South Dakota	5,989	6,266	117,677	268,268	4,171	7,960	59,793	172,186	11,861	31,748	—19,887	—62.6	8,114	24,910	36,872
Nebraska	6,923	18,662	86,183	351,321	6,360	13,495	62,786	184,066	11,537	41,910	—30,373	—72.5	42,314	26,540	50,934
Kansas	16,789	42,405	143,473	624,648	9,173	12,715	68,440	126,110	33,346	12,250	21,096	172.2	57,520	76,703	14,001
SOUTH ATLANTIC:															
Delaware	807	1,285	5,100	27,115	237	236	1,595	3,872	1,613	657	956	145.5	7,315	2,904	540
Maryland	9,228	10,436	41,435	69,996	2,240	4,398	11,479	29,478	18,540	13,526	5,014	37.1	19,945	40,786	16,192
Dist. of Columbia	27	10	128	104	10	1	100	8	72	10	62	.....	.....	180	24
Virginia	26,423	28,324	118,938	171,667	8,090	12,582	35,189	59,127	59,561	22,597	36,964	163.6	21,167	113,168	22,772
West Virginia	20,703	22,695	180,758	234,859	6,782	12,090	58,547	125,078	37,099	32,948	4,151	12.6	19,123	96,462	48,522
North Carolina	25,526	25,055	110,577	168,883	8,245	8,987	35,820	45,503	37,415	61,406	—23,991	—30.1	22,074	72,965	45,274
South Carolina	10,179	10,455	40,736	82,212	3,421	3,715	15,488	21,657	35,891	48,754	—12,863	—26.4	16,177	69,989	37,555
Georgia	15,536	13,827	135,453	357,323	5,162	3,957	38,198	62,126	64,053	60,845	3,208	5.3	36,920	115,293	46,366
Florida	2,696	2,054	32,315	39,921	1,416	870	12,985	16,250	20,316	17,169	3,147	18.3	47,840	50,800	18,976
EAST SOUTH CENTRAL:															
Kentucky	39,851	36,155	282,831	355,858	9,987	14,652	57,470	128,367	68,317	139,346	—71,029	—51.0	76,574	160,550	102,446
Tennessee	33,894	32,581	281,127	499,627	8,311	12,392	47,930	108,510	70,103	139,093	—68,990	—49.6	73,315	122,690	86,743
Alabama	11,690	12,289	96,922	211,991	3,982	5,326	23,654	51,979	54,073	61,712	—7,639	—12.4	11,876	89,222	45,039
Mississippi	6,994	12,073	74,790	257,140	3,515	6,582	23,733	83,154	42,695	101,974	—59,279	—58.1	66,793	68,314	79,971
WEST SOUTH CENTRAL:															
Arkansas	20,082	23,884	292,323	731,276	7,639	10,656	70,264	179,967	161,906	194,649	—32,743	—16.8	174,734	267,146	137,003
Louisiana	5,182	4,963	87,471	149,929	3,440	2,696	36,108	41,419	41,683	31,473	10,210	32.4	29,682	70,863	24,641
Oklahoma [1]	22,076	32,991	206,102	436,421	11,792	18,126	104,410	195,836	127,811	25,916	101,895	393.2	12,037	230,062	28,134
Texas	31,522	46,013	480,810	1,020,339	17,885	20,609	242,800	327,765	294,935	75,222	219,713	292.1	180,813	501,404	77,925
MOUNTAIN:															
Montana	1,536	948	24,501	21,140	540	1,072	4,598	15,001	9,575	8,777	798	9.1	373	17,235	11,642
Idaho	10,706	6,317	552,595	302,855	2,810	4,980	80,485	98,017	485,325	179,027	306,298	171.1	164,468	1,067,715	132,804
Wyoming	457	219	6,827	4,564	338	456	9,091	7,475	3,091	659	2,432	369.0	7	7,884	1,842
Colorado	5,243	3,748	80,027	143,921	2,318	2,871	28,055	68,525	44,944	81,539	—36,595	—44.9	15,224	107,866	81,354
New Mexico	3,587	2,476	43,766	51,257	1,572	2,877	18,042	42,351	30,047	15,528	14,519	93.5	18,492	64,601	17,054
Arizona	1,457	717	15,713	12,196	843	624	6,795	7,898	23,786	8,420	15,366	182.5	3,133	63,033	16,261
Utah	5,222	5,771	66,914	135,619	961	1,616	7,508	23,388	50,677	68,249	—17,572	—25.7	45,984	88,687	54,040
Nevada	533	420	5,543	6,716	206	176	1,719	3,155	4,418	3,857	561	14.5	542	7,952	4,654
PACIFIC:															
Washington	25,688	20,329	875,363	823,082	6,894	10,508	309,230	122,912	785,920	1,032,077	—246,157	—23.9	229,207	1,532,546	600,503
Oregon	20,145	18,308	2,999,480	1,764,896	6,112	6,486	1,331,606	427,609	2,151,864	1,747,587	404,277	23.1	359,821	4,734,103	838,783
California	29,282	18,105	8,768,436	7,168,705	16,673	9,795	5,237,145	1,599,939	13,200,805	9,317,979	3,882,826	41.7	5,632,036	28,381,734	5,473,539

[1] Figures for 1899 include Indian Territory.

TABLE 144.—CHERRIES—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[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.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (BUSHELS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	**1,131,355**	**1,248,667**	**10,787,751**	**11,822,044**	**384,657**	**488,163**	**3,694,531**	**5,621,660**	**3,945,749**	**4,126,099**	**—180,350**	**—4.4**	**2,873,499**	**$14,166,176**	**$7,231,160**
GEOGRAPHIC DIVISIONS:															
New England	14,808	15,900	70,830	68,236	7,053	6,336	42,868	32,587	10,911	14,904	—3,993	—26.8	23,445	40,910	38,424
Middle Atlantic	164,344	179,674	2,080,669	1,851,144	41,536	53,111	529,524	659,953	334,577	791,326	—456,749	—57.7	775,587	1,367,837	1,541,708
East North Central	372,639	436,846	3,331,857	3,853,974	102,079	147,105	980,424	1,523,247	881,603	1,410,298	—528,695	—37.5	851,326	3,142,892	2,362,344
West North Central	230,018	291,000	1,684,272	2,768,659	101,172	118,819	834,514	1,117,533	670,584	515,690	154,894	30.0	297,873	2,260,830	935,537
South Atlantic	143,284	143,563	886,355	1,063,825	48,361	51,179	285,003	364,118	249,087	327,706	—78,619	—24.0	391,799	720,968	394,990
East South Central	81,856	74,569	419,270	453,262	31,349	38,875	186,943	257,112	82,014	94,873	—12,859	—13.6	49,457	274,588	143,166
West South Central	34,608	43,461	255,170	385,502	21,973	27,231	189,947	242,569	102,522	9,954	92,568	930.0	13,635	348,644	14,401
Mountain	27,599	17,480	677,598	390,644	9,385	15,941	135,364	581,641	407,632	147,854	259,778	175.7	33,956	1,359,089	300,485
Pacific	62,199	46,174	1,381,730	986,798	21,749	29,566	509,944	842,900	1,206,819	813,494	393,325	48.4	436,421	4,650,418	1,500,105
NEW ENGLAND:															
Maine	2,780	3,165	12,223	14,288	1,026	1,271	4,012	6,653	1,846	2,403	—557	—23.2	1,550	6,925	7,164
New Hampshire	2,114	2,217	11,035	9,463	963	931	5,928	6,326	2,518	1,403	1,115	79.5	1,183	9,191	4,133
Vermont	1,968	2,980	14,393	18,006	843	1,154	9,811	6,659	907	2,506	—1,599	—63.8	1,069	3,628	7,651
Massachusetts	4,474	3,902	18,239	13,396	2,377	1,662	13,123	6,776	4,115	4,761	—646	—13.6	6,043	15,432	10,848
Rhode Island	383	310	1,181	964	313	143	1,188	453	89	214	—125	—58.4	1,329	348	464
Connecticut	3,089	3,326	13,759	12,119	1,531	1,175	8,806	5,720	1,436	3,617	—2,181	—60.3	12,271	5,386	8,164
MIDDLE ATLANTIC:															
New York	54,546	59,408	1,027,203	673,989	15,940	20,087	279,864	342,959	166,877	271,597	—104,720	—38.6	218,642	750,964	544,508
New Jersey	7,709	8,101	101,542	102,124	2,157	1,928	32,614	36,743	34,308	44,636	—10,328	—23.1	82,005	116,646	87,225
Pennsylvania	102,089	112,165	951,924	1,075,031	23,439	31,096	217,046	280,251	133,392	475,093	—341,701	—71.9	474,940	500,227	909,975
EAST NORTH CENTRAL:															
Ohio	101,314	117,806	805,838	1,144,271	22,408	38,696	195,187	342,328	149,911	338,644	—188,733	—55.7	192,954	584,663	657,406
Indiana	82,564	108,189	475,333	815,742	20,991	35,271	132,006	251,959	62,365	363,993	—301,628	—82.9	228,485	215,161	508,516
Illinois	87,845	104,808	536,458	843,283	29,741	30,137	217,124	239,605	147,783	287,376	—139,593	—48.6	204,279	465,512	453,474
Michigan	68,378	73,913	1,076,748	760,183	17,657	29,792	351,892	540,580	360,952	338,945	22,007	6.5	194,541	1,299,428	590,829
Wisconsin	32,538	32,130	437,480	290,495	11,282	13,209	84,215	148,775	160,592	81,340	79,252	97.4	31,067	578,128	152,119
WEST NORTH CENTRAL:															
Minnesota	7,280	4,207	38,120	25,139	6,021	6,160	27,921	38,399	4,592	1,526	3,066	200.9	960	13,776	2,973
Iowa	65,261	93,359	391,226	908,764	23,170	29,768	130,199	220,352	150,188	260,432	—110,244	—42.3	118,743	480,598	455,022
Missouri	75,609	81,863	522,026	622,332	34,902	29,371	333,180	247,425	206,809	123,314	83,495	67.7	62,708	744,512	222,510
North Dakota	1,379	410	15,877	5,076	1,081	1,837	9,364	21,484	1,836	209	1,627	778.5	4	6,436	445
South Dakota	3,782	4,144	32,366	51,613	3,301	7,097	29,563	76,293	4,084	5,924	—1,840	—31.1	900	11,843	12,981
Nebraska	33,540	41,309	289,221	494,468	14,878	22,627	120,194	267,529	124,872	89,876	34,996	38.9	54,047	362,133	164,872
Kansas	43,167	65,708	395,436	661,267	17,819	21,959	184,093	237,051	178,203	34,409	143,794	417.9	60,511	641,532	76,734
SOUTH ATLANTIC:															
Delaware	1,997	1,882	12,700	16,145	656	389	4,006	4,598	3,800	2,634	1,166	44.3	8,066	12,921	4,850
Maryland	12,850	14,002	71,139	82,305	3,249	4,613	17,397	27,774	25,111	42,315	—17,204	—40.7	60,452	80,354	60,121
Dist. of Columbia	39	25	197	435	15	2	188	4	112	235	—123	—52.3	248	375	568
Virginia	42,043	47,492	236,199	352,783	11,175	14,003	55,251	83,323	117,728	132,671	—14,943	—11.3	188,693	294,343	134,428
West Virginia	27,077	30,539	284,739	332,429	8,405	12,277	81,504	124,567	42,861	79,723	—36,862	—46.2	87,828	139,305	111,043
North Carolina	32,794	28,568	158,187	168,065	13,761	11,608	71,880	74,111	37,373	53,788	—16,415	—30.5	33,899	112,119	60,453
South Carolina	11,811	10,685	60,740	60,274	5,056	4,329	27,557	25,764	10,681	10,987	—306	—2.8	6,551	42,724	15,880
Georgia	14,657	10,250	62,415	50,723	6,031	3,864	27,156	23,479	11,421	4,979	6,442	129.4	5,950	38,827	7,199
Florida	10	120	39	666	13	94	64	498	.....	374	—374	.....	112	.....	448
EAST SOUTH CENTRAL:															
Kentucky	38,961	34,145	171,604	212,118	14,007	16,163	72,596	102,766	27,288	52,163	—24,875	—47.7	34,258	91,420	74,340
Tennessee	34,228	30,997	220,625	201,830	12,981	16,742	98,714	128,406	46,439	36,303	10,136	27.9	11,888	157,895	83,294
Alabama	6,480	6,387	20,237	25,566	3,095	3,841	10,665	16,673	5,538	3,588	1,950	54.3	1,159	15,786	4,783
Mississippi	2,187	3,040	6,804	13,748	1,266	2,129	4,968	9,267	2,749	2,819	—70	—2.5	2,352	9,487	3,749
WEST SOUTH CENTRAL:															
Arkansas	10,951	8,845	82,921	60,046	6,712	6,263	65,264	47,556	33,255	5,993	27,262	454.9	7,889	99,765	8,424
Louisiana	315	302	1,181	975	269	194	837	760	602	527	75	14.2	336	1,806	921
Oklahoma[1]	19,686	29,530	145,832	295,042	11,303	16,643	101,091	150,541	61,555	2,372	59,183	.....	3,221	224,672	4,393
Texas	3,656	4,784	25,236	29,439	3,689	4,131	22,755	43,712	7,110	1,062	6,048	569.5	2,189	22,401	663
MOUNTAIN:															
Montana	1,703	1,013	65,633	19,938	540	1,197	4,073	24,237	14,763	7,497	7,266	96.9	807	61,266	17,985
Idaho	10,490	5,489	117,672	61,881	3,015	5,557	25,877	95,423	90,057	22,609	67,448	298.3	12,294	310,701	41,766
Wyoming	256	135	1,921	919	383	441	8,255	4,025	741	68	673	.....	1	2,370	251
Colorado	7,301	4,341	348,832	203,806	2,694	3,842	74,709	319,624	165,087	88,937	76,150	85.6	5,387	536,537	173,895
New Mexico	2,791	1,916	28,173	21,925	1,217	2,234	12,544	26,818	11,985	6,384	5,601	87.7	5,228	40,748	10,684
Arizona	290	143	1,500	812	286	252	1,250	1,608	969	476	493	103.6	220	4,364	840
Utah	4,526	4,244	112,695	79,775	1,105	2,300	7,646	109,119	123,477	21,402	102,075	476.9	9,905	401,303	54,170
Nevada	242	199	1,172	1,588	145	118	920	787	553	481	72	15.0	114	1,800	894
PACIFIC:															
Washington	29,345	19,716	320,187	241,038	8,263	13,703	72,976	229,067	249,226	131,392	117,834	89.7	52,114	971,985	278,547
Oregon	20,586	17,281	395,073	223,456	5,437	9,646	89,396	313,770	303,893	181,089	122,804	67.8	65,347	1,063,633	269,934
California	12,268	9,177	657,470	522,304	8,049	6,217	347,572	300,063	653,700	501,013	152,687	30.5	318,960	2,614,800	951,624

[1] Figures for 1899 include Indian Territory.

TABLE 145.—APRICOTS—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

DIVISION AND STATE.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (BUSHELS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909–1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	22,999	139,167	3,846,080	3,669,714	10,236	64,057	1,284,202	956,202	6,130,086	4,150,263	1,979,823	47.7	2,642,128	$12,223,052	$2,884,119
GEOGRAPHIC DIVISIONS:															
New England	15	398	55	1,093	5	238	41	982	17	242	—225	—93.0	103	27	504
Middle Atlantic	29	7,062	1,570	26,995	7	3,584	2,624	11,617	603	12,485	—11,882	—95.2	17,545	1,206	19,286
East North Central	94	12,812	1,091	30,167	62	4,093	336	11,802	329	4,840	—4,511	—93.2	3,430	798	6,610
West North Central	762	40,451	9,040	230,505	293	9,444	1,354	45,323	3,319	3,199	120	3.8	5,532	6,741	4,332
South Atlantic	73	6,142	323	13,943	42	3,529	137	9,752	257	2,383	—2,126	—89.2	1,695	446	2,982
East South Central	123	7,947	275	15,130	75	5,981	230	13,846	190	6,294	—6,104	—97.0	1,490	314	6,649
West South Central	3,141	36,975	20,784	243,598	1,549	18,830	11,970	116,574	14,133	4,192	9,941	237.1	2,669	21,255	4,907
Mountain	2,277	7,322	73,195	69,086	650	4,803	8,744	65,932	116,878	34,400	82,478	239.8	55,681	214,934	44,921
Pacific	16,485	20,058	3,739,747	3,039,197	7,553	13,555	1,258,266	680,374	5,994,360	4,082,228	1,912,132	46.8	2,553,983	11,977,331	2,703,928
NEW ENGLAND:															
Maine	.....	48	.....	93	.....	25	.....	59	.....	25	—25	.....	.....	.....	38
New Hampshire	.....	61	.....	128	.....	26	.....	85	.....	27	—27	.....	2	.....	68
Vermont	.....	29	.....	47	.....	21	.....	44	.....	13	—13	.....	.....	.....	22
Massachusetts	2	172	6	654	3	89	16	258	3	148	—145	—98.0	25	6	326
Rhode Island	13	13	49	46	2	11	25	39	14	5	9	.....	12	21	11
Connecticut	.....	75	.....	125	.....	66	.....	497	.....	24	—24	.....	64	.....	39
MIDDLE ATLANTIC:															
New York	29	2,033	1,570	16,050	7	767	2,624	3,537	603	9,805	—9,202	—93.9	15,710	1,206	14,490
New Jersey	.....	214	.....	582	.....	125	.....	504	.....	178	—178	.....	201	.....	299
Pennsylvania	.....	4,815	.....	10,363	.....	2,692	.....	7,576	.....	2,502	—2,502	.....	1,634	.....	4,497
EAST NORTH CENTRAL:															
Ohio	8	2,456	114	5,402	7	660	97	1,873	46	835	—789	—94.5	449	83	1,343
Indiana	24	3,670	106	7,337	16	1,054	72	2,879	8	1,147	—1,139	—99.3	757	22	1,472
Illinois	37	4,996	176	12,328	22	1,514	64	4,246	130	1,250	—1,120	—89.6	1,437	328	1,457
Michigan	11	1,512	622	4,447	15	751	60	2,450	129	1,508	—1,379	—91.4	730	324	2,127
Wisconsin	14	178	73	593	2	114	43	352	16	100	—84	—84.0	57	41	211
WEST NORTH CENTRAL:															
Minnesota	.....	22	.....	66	.....	53	.....	175	.....	10	—10	.....	2	.....	13
Iowa	18	1,792	94	5,949	16	649	61	2,290	33	648	—615	—94.9	378	83	942
Missouri	36	5,730	263	16,503	27	1,913	132	5,612	185	1,280	—1,095	—85.5	583	283	1,604
North Dakota	.....	2	.....	11	.....	17	.....	87	.....	10	—10	.....	.....	.....	20
South Dakota	.....	28	.....	144	.....	113	.....	856	.....	13	—13	.....	.....	.....	12
Nebraska	78	3,658	720	20,451	39	1,513	224	8,169	344	864	—520	—60.2	333	861	1,229
Kansas	630	29,219	7,957	187,381	211	5,186	1,437	28,134	2,757	374	2,383	637.2	4,236	5,514	512
SOUTH ATLANTIC:															
Delaware	.....	41	.....	138	.....	17	.....	52	.....	4	—4	.....	28	.....	9
Maryland	12	998	97	1,747	6	470	15	1,127	89	365	—276	—75.6	313	142	448
Dist. of Columbia	.....	2	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Virginia	.....	1,629	.....	3,853	.....	814	.....	3,233	.....	515	—515	.....	678	.....	723
West Virginia	6	599	29	1,947	1	380	6	1,201	41	124	—83	—66.9	145	74	185
North Carolina	35	1,144	152	2,614	26	723	89	1,531	101	425	—324	—76.2	245	182	443
South Carolina	.....	919	.....	1,916	.....	605	.....	1,463	.....	504	—504	.....	120	.....	620
Georgia	18	783	43	1,611	9	498	27	1,079	24	440	—416	—94.5	98	44	546
Florida	2	27	2	112	.....	22	.....	66	2	6	—4	.....	68	4	8
EAST SOUTH CENTRAL:															
Kentucky	12	1,964	28	3,545	7	1,174	22	2,852	14	1,388	—1,374	—99.0	392	22	1,532
Tennessee	29	2,586	80	4,337	15	1,617	54	3,517	43	1,677	—1,634	—97.4	211	67	1,657
Alabama	46	1,162	97	2,342	24	1,094	54	2,494	79	952	—873	—91.7	115	126	950
Mississippi	36	2,235	70	4,906	29	2,096	100	4,983	54	2,277	—2,223	—97.6	772	99	2,510
WEST SOUTH CENTRAL:															
Arkansas	49	1,392	116	2,954	46	1,650	157	4,820	165	1,067	—902	—84.5	391	252	1,091
Louisiana	18	241	53	596	16	326	44	929	42	163	—121	—74.2	89	68	182
Oklahoma [1]	1,618	20,845	13,267	173,515	654	8,023	7,745	62,930	7,436	1,123	6,313	562.2	569	11,171	1,270
Texas	1,450	14,497	7,348	66,533	833	8,831	4,024	47,895	6,490	1,839	4,651	252.9	1,620	9,764	2,364
MOUNTAIN:															
Montana	.....	36	.....	410	.....	60	.....	245	.....	88	—88	.....	1	.....	269
Idaho	240	1,311	4,098	6,938	99	1,329	3,009	10,384	4,349	1,108	3,241	292.5	550	6,958	2,034
Wyoming	.....	5	.....	17	.....	31	.....	121	.....	2	—2	.....	.....	.....	6
Colorado	442	1,149	5,904	16,841	60	715	575	10,299	9,154	11,403	—2,249	—19.7	2,363	15,562	15,658
New Mexico	250	1,368	1,543	8,202	84	965	559	8,373	2,141	2,379	—238	—10.0	6,637	4,282	3,446
Arizona	823	565	39,464	6,665	336	529	4,072	6,992	60,463	6,849	53,614	782.8	40,578	126,971	10,053
Utah	509	2,760	21,830	28,978	60	1,101	435	28,639	40,564	12,047	28,517	236.7	5,272	60,850	12,037
Nevada	13	128	356	1,035	11	73	94	879	207	524	—317	—60.5	280	311	1,418
PACIFIC:															
Washington	857	3,623	47,608	36,088	263	3,294	13,000	80,722	79,908	10,789	69,119	640.6	5,254	151,827	17,280
Oregon	143	1,254	3,922	10,056	45	1,186	1,560	18,128	6,807	4,616	2,191	47.5	1,665	10,214	7,727
California	15,485	15,181	3,688,217	2,992,453	7,245	9,075	1,243,706	581,524	5,907,645	4,066,823	1,840,822	45.3	2,547,064	11,815,290	2,768,921

[1] Figures for 1899 include Indian Territory.

TABLE 146.—GRAPES—NUMBER OF VINES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	VINES OF BEARING AGE.				VINES NOT OF BEARING AGE.				PRODUCTION (POUNDS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	**1,074,592**	**924,139**	**225,754,285**	**224,601,522**	**227,656**	**232,370**	**27,394,469**	**52,698,644**	**2,516,840,387**	**2,265,065,205**	**251,775,182**	**11.1**	**1,300,984,097**	**$95,586,021**	**$22,027,961**
GEOG. DIVISIONS:															
New England	20,514	18,980	432,239	207,844	4,631	3,686	132,132	92,370	3,935,064	3,413,161	521,903	15.3	4,324,300	329,902	108,348
Mid. Atlantic	147,174	124,553	39,617,239	38,676,641	24,989	24,600	1,985,875	5,383,556	199,521,184	293,527,780	—94,006,596	—32.0	299,058,493	13,496,102	4,945,342
E. North Cent.	331,607	281,193	20,181,737	23,608,296	40,857	49,289	1,436,358	2,825,671	175,194,976	194,730,671	—19,535,695	—10.0	159,936,481	9,855,816	3,129,363
W. North Cent.	160,281	204,645	5,538,611	9,222,514	42,315	46,374	1,044,888	1,740,265	30,994,703	41,088,852	—10,094,149	—24.6	40,735,442	1,943,210	1,156,625
South Atlantic	208,118	140,013	2,233,953	1,903,341	51,855	40,816	427,259	543,306	26,602,275	32,439,760	—5,837,485	—18.0	34,579,571	2,285,296	909,900
E. South Cent.	115,019	73,765	928,072	1,308,203	29,170	26,299	253,403	265,641	5,291,932	8,143,715	—2,851,783	—35.0	14,817,562	481,362	348,397
W. South Cent.	48,301	52,166	1,954,717	3,937,376	18,821	21,430	479,345	943,918	8,650,621	8,265,667	390,954	4.7	14,228,318	638,710	304,454
Mountain	6,308	4,094	843,259	936,328	2,564	4,662	132,332	537,267	4,195,328	4,858,195	—662,867	—13.6	5,286,730	287,555	128,532
Pacific	37,270	24,730	154,024,458	144,800,979	12,454	15,214	21,502,877	40,366,650	2,062,448,304	1,678,597,404	383,850,900	22.9	728,017,200	66,268,068	10,997,000
NEW ENGLAND:															
Maine	2,006	2,880	7,339	9,731	524	510	1,926	1,944	100,789	231,529	—130,740	—56.5	275,800	10,089	6,954
N. Hampshire	2,740	3,184	12,998	15,802	553	506	2,843	3,016	214,514	375,164	—160,650	—42.8	487,500	17,162	10,926
Vermont	1,949	2,209	7,160	9,318	439	491	2,441	1,845	99,422	203,011	—103,589	—51.0	240,100	7,955	6,328
Massachusetts	7,319	6,003	81,494	58,277	1,713	1,204	22,691	14,261	1,009,479	1,132,838	—123,359	—10.9	1,308,300	80,758	30,858
Rhode Island	896	534	50,933	7,662	279	119	44,984	9,634	400,975	152,937	248,038	162.2	189,700	24,058	9,759
Connecticut	5,604	4,170	272,315	107,054	1,123	856	57,247	61,670	2,109,885	1,317,682	792,203	60.1	1,822,900	189,889	43,523
MIDDLE ATLANTIC:															
New York	37,978	34,250	30,077,555	31,802,097	6,814	7,250	1,380,042	3,801,800	152,482,698	253,006,361	—100,523,663	—39.7	247,698,056	10,673,790	3,961,677
New Jersey	8,053	5,368	1,477,617	1,603,280	1,304	1,295	194,562	558,945	4,367,396	6,501,221	—2,143,825	—33.0	4,235,000	261,445	132,957
Pennsylvania	101,143	84,929	7,462,067	5,271,264	16,871	16,055	402,271	1,022,811	42,681,090	34,020,198	8,660,892	25.5	47,125,437	2,500,867	850,708
E. N. CENTRAL:															
Ohio	123,402	82,570	6,553,904	8,326,800	10,888	12,295	521,207	455,750	41,722,796	43,933,207	—2,210,411	—5.0	79,173,873	2,920,600	858,594
Indiana	70,861	73,892	744,043	1,049,232	8,602	11,335	100,657	149,441	6,612,804	12,817,353	—6,204,549	—48.4	18,651,380	462,899	287,707
Illinois	81,474	75,818	1,642,527	2,170,340	11,828	11,469	180,172	287,734	10,339,018	16,582,785	—6,243,767	—37.7	20,009,400	620,344	426,468
Michigan	46,090	41,485	11,097,734	11,913,576	6,617	11,040	607,149	1,869,648	115,871,465	120,695,997	—4,824,532	—4.0	41,530,369	5,703,575	1,531,057
Wisconsin	9,780	7,422	143,529	148,348	2,922	3,150	27,173	63,098	648,893	701,329	—52,436	—7.5	571,459	58,398	25,537
W. N. CENTRAL:															
Minnesota	2,204	2,138	36,315	61,916	1,575	1,639	11,863	35,950	141,278	293,805	—152,527	—51.9	573,272	14,134	11,021
Iowa	53,168	51,917	1,401,613	1,983,465	14,683	13,281	304,710	446,126	12,165,318	11,708,336	456,982	3.9	7,403,900	729,921	330,078
Missouri	75,437	75,888	2,444,907	3,026,526	16,254	14,582	410,604	486,044	10,949,602	17,871,816	—6,922,214	—38.7	13,783,656	656,971	488,755
North Dakota	19	20	152	379	42	98	463	1,464	217	360	—143	—39.7	1,500	19	14
South Dakota	416	968	9,978	38,647	450	1,532	7,332	46,891	24,209	144,634	—120,425	—83.3	16,061	2,178	4,789
Nebraska	8,528	29,403	438,713	1,221,736	3,947	7,078	126,765	380,788	2,404,035	4,752,217	—2,348,182	—49.4	3,171,034	168,282	137,295
Kansas	20,509	44,311	1,206,933	2,889,845	5,364	8,164	183,151	343,002	5,310,044	6,317,684	—1,007,640	—15.9	15,786,019	371,[illegible]95	184,678
SOUTH ATLANTIC:															
Delaware	1,877	1,309	457,162	260,963	475	265	19,929	98,950	1,445,121	1,938,267	—493,146	—25.4	1,375,300	115,610	43,967
Maryland	16,403	11,718	164,501	138,801	2,452	2,328	31,860	44,690	1,540,958	2,152,382	—611,424	—28.4	1,685,900	107,865	53,498
Dist. Columbia	40	14	4,159	5,196	14	1	1,071	200	24,883	28,530	—3,647	—12.8	34,300	2,239	1,059
Virginia	40,310	27,078	452,516	424,701	8,861	7,163	112,197	136,026	3,970,873	4,108,694	—137,821	—3.4	3,608,903	357,383	156,266
West Virginia	30,799	25,733	284,435	284,074	5,264	6,769	51,391	76,465	2,186,740	3,224,751	—1,038,011	—32.2	2,192,147	196,809	92,834
North Carolina	60,244	43,121	543,734	411,278	16,877	14,490	114,582	120,208	10,679,108	15,116,920	—4,437,812	—29.4	12,344,001	854,333	336,083
South Carolina	19,060	12,239	87,487	79,708	6,360	4,431	27,874	19,704	2,668,650	2,016,506	652,144	32.3	3,323,835	266,866	88,620
Georgia	32,112	15,831	182,119	277,658	8,420	4,027	38,588	38,233	2,865,319	2,767,366	97,953	3.5	8,330,485	286,542	99,216
Florida	7,273	2,970	57,840	20,962	3,132	1,342	29,767	8,830	1,220,623	1,086,344	134,279	12.4	1,684,700	97,649	38,357
E. S. CENTRAL:															
Kentucky	40,935	26,956	327,429	605,002	8,892	7,604	69,439	77,626	1,497,769	3,680,182	—2,182,413	—59.3	5,134,215	134,803	137,326
Tennessee	39,123	23,675	359,972	338,758	9,627	8,129	98,928	76,040	1,839,450	1,979,480	—140,030	—7.1	4,[illegible]55,122	165,550	85,423
Alabama	24,938	14,863	183,759	287,431	7,139	5,482	60,995	77,105	1,446,814	1,723,490	—276,676	—16.1	4,257,000	130,213	81,386
Mississippi	10,023	8,271	56,912	77,012	3,512	5,084	24,041	34,870	507,899	760,563	—252,664	—33.2	1,070,625	50,796	44,262
W. S. CENTRAL:															
Arkansas	18,479	11,247	607,244	805,921	5,940	4,851	101,241	177,624	2,444,598	2,593,727	—149,129	—5.7	3,621,100	195,567	97,985
Louisiana	1,558	1,385	19,601	31,041	1,102	803	12,583	20,936	67,203	106,595	—39,392	—37.0	176,967	6,758	6,099
Oklahoma[1]	15,853	26,039	923,609	2,388,213	5,703	8,947	200,894	447,489	3,888,492	3,762,727	125,765	3.3	6,344,031	233,311	122,045
Texas	12,411	13,495	404,263	712,201	6,076	6,829	164,627	297,869	2,256,328	1,802,618	453,710	25.2	4,086,220	203,074	78,325
MOUNTAIN:															
Montana	27	13	979	986	26	49	199	1,121	2,066	370	1,696	458.4	1,330	165	17
Idaho	1,485	907	73,789	68,269	624	1,281	13,432	124,806	519,544	604,227	—84,683	—14.0	277,200	36,370	18,814
Wyoming	1	12	2	74	16	88	120	1,147	12	159	—147	—92.5	1,200	1	32
Colorado	1,393	1,034	125,027	254,292	458	940	15,836	101,332	526,509	1,037,614	—511,105	—49.3	586,300	42,122	28,026
New Mexico	1,498	820	280,419	250,076	642	1,390	31,432	122,367	1,003,356	425,415	577,941	135.9	1,515,900	80,266	16,101
Arizona	961	508	83,018	131,579	528	592	34,905	84,510	669,673	837,842	—168,169	—20.1	1,697,200	40,181	25,371
Utah	843	692	205,031	204,445	227	277	33,471	94,043	1,102,025	1,576,363	—473,738	—30.1	920,000	66,156	28,126
Nevada	100	108	74,994	26,607	43	45	2,937	7,941	371,543	376,205	—4,662	—1.2	287,600	22,294	12,045
PACIFIC:															
Washington	4,420	2,121	467,761	322,007	1,280	2,212	78,661	371,733	3,961,036	1,704,005	2,257,031	132.5	1,194,700	316,882	51,412
Oregon	6,537	4,816	361,484	381,302	1,756	2,840	35,570	468,598	2,842,656	3,206,874	—364,218	—11.4	5,389,100	170,558	98,776
California	26,313	17,793	153,195,213	144,097,670	9,418	10,162	21,388,646	39,526,319	2,055,644,612	1,673,686,525	381,958,087	22.8	721,433,400	65,780,628	10,846,812

[1] Figures for 1899 include Indian Territory.

TABLE 147.—FRUIT PRODUCTS—FARMS REPORTING, 1919 AND 1909.

DIVISION AND STATE.	CIDER.					CIDER MADE (OR TO BE MADE) INTO VINEGAR, 1919.		VINEGAR.		
	Farms reporting.		Production (gallons).			Farms reporting.	Quantity (gallons).	Farms reporting, 1909.	Production (gallons).	
	1919	1909	1919	1909	1899				1909	1899
United States	216,617	332,810	13,365,805	32,583,998	55,280,199	150,768	6,470,060	159,197	7,246,632	12,363,656
GEOGRAPHIC DIVISIONS:										
New England	38,840	36,727	3,274,452	4,705,949	4,463,990	27,609	1,583,157	10,774	710,412	524,998
Middle Atlantic	72,331	122,106	4,827,773	13,540,722	21,406,360	49,975	2,131,261	37,252	1,994,295	4,247,775
East North Central	39,877	99,213	2,133,353	8,614,873	22,045,999	25,243	957,461	36,740	1,741,506	4,508,815
West North Central	13,716	28,517	566,303	2,053,882	1,904,586	10,188	334,215	18,998	821,849	763,591
South Atlantic	30,323	26,761	1,760,076	2,394,776	4,078,873	22,442	845,574	26,131	836,450	1,400,854
East South Central	4,187	13,474	114,835	692,131	982,296	3,157	67,646	20,078	526,311	477,384
West South Central	3,152	1,533	138,841	72,145	149,372	2,355	83,527	4,056	89,217	139,203
Mountain	2,537	1,305	191,269	203,095	73,677	1,805	105,324	984	158,820	46,209
Pacific	12,154	3,174	358,903	306,425	175,046	7,994	361,895	3,284	367,772	249,637
NEW ENGLAND:										
Maine	11,417	9,549	933,440	939,085	376,110	9,184	594,739	2,884	197,996	68,072
New Hampshire	5,822	5,794	420,794	671,684	764,410	4,734	260,214	1,835	115,894	98,469
Vermont	6,574	6,564	394,770	651,159	314,937	4,483	180,533	2,434	96,520	59,251
Massachusetts	6,653	6,562	537,386	1,004,392	1,114,029	4,113	210,496	1,651	133,653	135,482
Rhode Island	926	830	104,125	147,645	244,912	538	36,408	151	19,003	22,460
Connecticut	7,448	7,428	883,937	1,291,984	1,649,592	4,557	300,767	1,819	147,346	140,364
MIDDLE ATLANTIC:										
New York	32,835	54,168	2,144,848	5,191,221	4,597,519	25,154	1,109,794	13,547	703,384	574,875
New Jersey	2,415	2,618	150,881	288,587	917,973	1,689	72,987	693	48,665	197,694
Pennsylvania	37,081	65,320	2,532,044	8,060,914	15,890,868	23,132	948,480	23,012	1,242,246	3,475,206
EAST NORTH CENTRAL:										
Ohio	12,751	30,511	708,563	2,889,237	12,618,207	7,611	279,603	10,386	483,908	2,265,134
Indiana	2,650	16,039	126,878	1,491,911	4,747,900	1,661	54,576	9,348	431,187	1,196,244
Illinois	10,215	7,335	672,868	678,437	2,365,304	7,089	314,592	3,841	207,242	602,752
Michigan	11,231	42,663	541,458	3,386,138	2,295,562	7,785	278,752	12,650	602,697	434,574
Wisconsin	2,530	2,665	83,586	169,150	19,026	1,097	29,938	515	16,472	10,111
WEST NORTH CENTRAL:										
Minnesota	585	215	21,143	9,044	6,111	381	11,835	168	5,778	3,339
Iowa	2,648	9,134	78,930	590,352	305,676	1,882	49,270	5,498	244,473	121,968
Missouri	7,856	14,707	339,794	1,065,881	930,668	5,983	200,321	10,453	402,518	316,575
North Dakota	.....	.....	.....	.....	158	.....	.....	2	44	126
South Dakota	73	52	3,047	4,103	6,458	41	1,339	39	2,823	3,622
Nebraska	979	2,736	36,169	255,886	164,178	718	23,343	1,722	109,593	68,134
Kansas	1,575	1,873	87,220	128,616	401,337	1,183	48,107	1,116	56,620	249,827
SOUTH ATLANTIC:										
Delaware	1,178	319	66,190	36,145	119,354	934	37,531	176	9,481	57,929
Maryland	5,960	7,499	438,877	970,705	1,339,979	3,838	177,083	3,333	226,460	398,632
District of Columbia	4	.....	93	.....	.....	.....	.....	.....	.....	.....
Virginia	12,680	6,377	804,405	469,651	1,385,843	9,413	395,755	7,669	268,457	517,041
West Virginia	3,500	3,516	194,630	248,543	903,830	2,533	96,176	4,195	122,592	284,729
North Carolina	6,616	8,240	250,517	647,152	241,006	5,436	136,323	9,056	188,610	103,887
South Carolina	123	249	1,518	6,692	18,112	93	792	399	3,599	8,159
Georgia	262	470	3,846	14,970	48,447	195	1,914	1,044	14,232	27,000
Florida	.....	91	.....	918	22,302	.....	.....	259	3,019	9,387
EAST SOUTH CENTRAL:										
Kentucky	2,311	8,007	72,008	464,321	639,608	1,713	41,997	8,235	309,562	260,726
Tennessee	1,525	4,734	38,954	213,916	295,218	1,176	23,613	8,645	191,915	180,338
Alabama	330	569	3,539	12,557	32,360	255	1,895	2,687	18,217	24,098
Mississippi	21	104	274	1,337	15,120	13	141	1,411	6,617	12,222
WEST SOUTH CENTRAL:										
Arkansas	1,590	896	50,394	36,825	53,802	1,202	30,727	2,401	42,770	67,379
Louisiana	6	68	81	436	3,181	1	20	370	3,521	2,425
Oklahoma [1]	1,408	455	82,449	30,081	36,823	1,069	50,275	713	32,887	25,830
Texas	148	114	5,917	4,803	55,566	83	2,505	572	10,039	43,659
MOUNTAIN:										
Montana	376	129	27,771	22,314	2,142	258	13,689	77	10,108	1,638
Idaho	714	162	45,082	10,562	20,506	505	22,197	114	11,762	8,253
Wyoming	26	9	998	612	94	15	683	5	239	94
Colorado	862	806	66,852	138,091	15,529	633	43,960	581	121,428	11,686
New Mexico	271	100	25,369	12,788	20,633	206	13,999	55	5,880	17,514
Arizona	39	15	2,437	2,771	945	29	1,085	36	3,504	913
Utah	192	65	18,033	5,347	13,828	111	6,891	92	2,689	6,111
Nevada	57	19	4,727	10,610	.....	48	2,820	24	3,210	.....
PACIFIC:										
Washington	5,771	1,347	223,314	98,050	34,713	3,162	112,264	982	62,446	13,104
Oregon	5,121	1,346	35,169	89,919	64,890	4,013	201,545	1,329	60,643	36,855
California	1,262	481	100,420	118,456	75,443	819	48,086	973	244,683	199,678

[1] Figures for 1899 include Indian Territory.

AND PRODUCTION, 1899 TO 1919, BY DIVISIONS AND STATES.

DIVISION AND STATE.	GRAPE JUICE, 1919.		WINE AND GRAPE JUICE.			DRIED FRUITS.				
	Farms reporting.	Production (gallons).	Farms reporting, 1909	Production (gallons).		Farms reporting.		Production (pounds).		
				1909	1899	1919	1909	1919	1909	1899
United States	30,993	2,202,848	67,575	18,636,225	8,246,344	252,289	137,041	612,700,626	385,039,552	144,804,633
GEOGRAPHIC DIVISIONS:										
New England	1,622	27,638	1,673	50,738	43,788	1,250	590	35,815	23,644	66,451
Middle Atlantic	4,448	74,271	9,258	687,609	608,429	13,591	11,059	760,021	4,677,598	4,612,280
East North Central	8,783	115,441	21,130	875,955	881,806	10,343	6,643	351,696	312,976	3,358,450
West North Central	6,377	63,887	10,507	410,867	366,813	24,126	18,807	939,242	1,217,194	1,643,960
South Atlantic	4,640	42,677	14,547	323,801	409,978	54,085	34,889	3,429,824	3,106,883	7,217,170
East South Central	1,889	9,813	5,548	82,520	125,365	47,734	38,885	1,674,085	2,705,816	4,195,700
West South Central	1,400	33,380	2,129	135,310	234,790	66,228	10,603	5,066,575	1,268,210	2,165,560
Mountain	201	4,344	167	26,783	56,967	3,038	586	552,603	273,828	537,420
Pacific	1,633	1,831,397	2,616	16,042,642	5,518,408	31,894	15,029	599,890,675	371,453,403	121,007,647
NEW ENGLAND:										
Maine	31	250	54	328	628	649	267	16,347	15,034	26,210
New Hampshire	137	368	236	2,846	2,642	118	63	3,295	1,768	18,870
Vermont	80	217	93	1,199	160	348	215	8,406	5,828	12,420
Massachusetts	627	5,591	532	12,937	10,266	51	25	5,594	465	7,530
Rhode Island	104	2,591	56	2,856	3,503	16	.....	307	.....	801
Connecticut	643	18,621	702	30,572	26,589	68	20	1,866	549	620
MIDDLE ATLANTIC:										
New York	1,524	45,320	1,823	346,973	290,365	971	1,290	374,317	4,385,978	3,658,610
New Jersey	444	17,148	1,072	233,880	123,454	54	68	2,132	6,323	14,860
Pennsylvania	2,480	11,803	6,363	106,756	194,610	12,566	9,701	383,572	285,297	938,810
EAST NORTH CENTRAL:										
Ohio	2,268	36,071	4,423	264,213	350,615	2,156	1,835	46,319	65,432	1,191,170
Indiana	1,167	9,778	4,786	130,976	126,730	894	1,870	24,409	62,196	494,860
Illinois	3,025	38,746	5,609	247,951	223,819	5,030	1,809	236,830	128,376	1,526,420
Michigan	2,117	29,205	4,259	199,030	134,859	1,098	818	22,250	48,328	143,330
Wisconsin	206	1,641	2,051	33,785	45,783	1,165	311	21,888	8,644	2,670
WEST NORTH CENTRAL:										
Minnesota	40	214	425	4,567	6,197	566	101	11,675	2,853	500
Iowa	2,757	23,334	2,377	76,092	76,301	1,652	2,341	35,189	87,421	79,740
Missouri	2,968	33,671	5,413	245,656	122,382	20,793	15,753	861,912	1,102,274	1,327,660
North Dakota	.....	.....	11	128	99	.....	2	.....	106	.....
South Dakota	5	20	153	10,096	5,593	29	32	1,412	1,247	.....
Nebraska	224	2,449	1,327	47,703	38,789	262	435	5,910	17,793	30,240
Kansas	383	4,199	801	26,625	117,452	824	143	23,144	5,500	205,820
SOUTH ATLANTIC:										
Delaware	37	120	28	1,379	1,847	74	15	2,088	370	22,940
Maryland	885	4,859	1,376	20,783	15,524	2,395	1,017	60,152	39,292	80,770
District of Columbia	5	59	.....	.....	.....	1	.....	5	.....	.....
Virginia	1,799	10,455	4,767	49,609	41,336	22,966	8,918	1,818,481	929,546	2,302,480
West Virginia	500	2,409	949	15,449	17,658	7,053	5,792	329,320	396,927	1,843,060
North Carolina	984	22,501	5,961	205,152	146,699	17,023	15,569	1,065,302	1,500,681	2,744,450
South Carolina	139	719	888	12,371	14,187	1,351	647	46,878	26,758	21,140
Georgia	248	1,259	280	2,665	140,991	3,192	2,918	106,724	212,570	188,460
Florida	43	296	298	16,393	31,736	30	13	865	739	4,870
EAST SOUTH CENTRAL:										
Kentucky	827	4,008	1,891	45,138	51,668	12,979	19,200	467,882	1,593,727	1,581,430
Tennessee	727	2,924	1,903	16,576	28,567	21,222	13,252	782,603	857,903	2,533,810
Alabama	255	2,346	839	12,820	32,666	7,674	4,955	231,978	201,797	61,170
Mississippi	80	535	915	7,986	12,464	5,859	1,428	191,622	52,389	19,290
WEST SOUTH CENTRAL:										
Arkansas	502	8,752	935	75,070	92,591	38,352	9,154	3,724,743	1,193,139	2,045,910
Louisiana	4	14	45	1,205	1,929	1,495	123	41,497	3,198	5,020
Oklahoma [1]	489	9,697	418	16,999	35,283	8,454	763	460,195	45,684	30,000
Texas	405	14,917	731	42,036	104,987	17,927	563	840,140	26,189	84,630
MOUNTAIN:										
Montana	1	3	13	368	676	71	12	2,912	435	.....
Idaho	53	421	25	3,452	1,064	460	41	256,010	21,280	238,540
Wyoming	.....	.....	5	197	.....	16	2	755	110	.....
Colorado	60	505	49	1,116	1,744	282	88	11,444	59,286	1,100
New Mexico	23	757	9	1,684	34,208	1,305	74	160,315	16,506	10,550
Arizona	7	32	5	5,100	397	176	31	23,422	7,932	135,270
Utah	49	871	50	12,173	16,804	663	306	78,830	103,743	145,380
Nevada	8	1,755	11	2,693	2,074	65	32	19,005	64,536	6,580
PACIFIC:										
Washington	235	1,777	136	5,891	4,973	2,225	490	5,378,989	1,842,306	253,720
Oregon	361	8,725	317	31,232	21,219	4,320	1,615	17,470,568	10,904,713	2,818,200
California	1,037	1,820,895	2,163	16,005,519	5,492,216	25,349	12,924	577,041,118	358,706,384	117,935,727

Subtropical fruits.—The statistics for subtropical fruits, including citrus fruits and other subtropical fruits, are presented, by states, in Tables 148 and 149. As in the case of orchard fruits, the number of trees is given for 1920 and 1910, and the products for 1919, 1909, and 1899.

TABLE 148.—CITRUS FRUITS—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY STATES.

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

CROP AND STATE.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (BOXES).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
Total			19,420,660	11,486,768			7,259,181	5,400,402	38,107,060	23,502,128	14,604,932	62.1	7,098,486	$110,061,050	$22,711,448
Oranges, total	34,565	23,587	14,397,836	9,737,927	26,632	20,435	5,196,972	4,327,271	27,757,953	19,487,481	8,270,472	42.4	6,167,891	83,398,894	17,566,464
Virginia		12		25		4		13		12	—12				26
North Carolina		27		63		24		45		21	—21				64
South Carolina		44		70		36		91		177	—177				457
Georgia	132	103	646	352	315	112	2,709	291	238	210	28	13.3		630	316
Florida	13,114	9,910	3,645,811	2,766,618	10,988	6,850	2,311,571	1,097,896	5,930,422	4,852,967	1,077,455	22.2	273,295	15,715,618	4,304,987
Tennessee		19		45		24		34		1	—1				1
Alabama	770	152	260,294	2,599	953	408	165,536	17,386	40,876	1,201	39,675		2	108,323	3,663
Mississippi	404	213	28,127	10,452	390	337	37,350	38,637	31,419	3,779	27,640	731.4		83,261	8,648
Arkansas		11		12		29		61		1	—1				2
Louisiana	935	1,529	104,382	266,116	1,685	1,702	26,356	155,016	37,458	149,979	—112,521	—75.0	1,285	99,265	222,339
Texas	427	494	14,331	42,384	983	2,560	41,329	867,407	9,459	10,694	—1,235	—11.5		25,071	22,090
Arizona	237	96	46,052	33,373	249	240	13,362	56,982	79,637	32,247	47,390	147.0	11,116	318,548	52,341
New Mexico		2		13		1		2		12	—12				25
California	18,540	10,975	10,207,593	6,615,805	11,069	8,099	2,598,759	2,093,410	21,628,444	14,436,180	7,192,264	49.8	5,882,193	67,048,178	12,951,505
Lemons, total	11,045	5,605	2,921,608	956,920	7,007	4,952	813,361	396,111	6,585,269	2,770,313	3,814,956	137.7	876,876	19,102,267	2,993,738
Virginia		41		57		11		18		8	—8				20
North Carolina		33		42		22		33		7	—7				23
South Carolina		25		73		26		73		66	—66				14
Georgia		21		41		21		28		2	—2				2
Florida	715	295	34,176	11,740	664	203	22,756	7,329	31,204	12,367	18,837	152.3	2,359	93,612	13,753
Tennessee		28		35		27		41		6	—6				9
Alabama	9	30	13	56	24	102	26	266		65	—65				71
Mississippi		50		110		91		151		31	—31				53
Arkansas		21		26		35		48		3	—3				6
Louisiana		90		564		171		908		303	—303		9		713
Texas	139	125	1,366	1,231	436	541	8,161	7,231	787	224	563	251.3		2,361	409
Arizona	57	26	1,283	1,652	56	73	883	309	1,621	1,010	611	60.5	203	6,484	2,034
California	10,125	4,820	2,884,770	941,203	5,777	3,620	781,535	379,676	6,551,657	2,756,221	3,795,436	137.7	874,305	18,999,810	2,976,571
Grapefruit (pomeloes), total	11,431	6,172	1,938,453	710,040	7,589	4,350	1,135,024	640,597	3,656,437	1,189,250	2,467,187	207.5	30,790	7,176,703	2,060,610
Virginia		8		35		1		7		1	—1				5
South Carolina		16		36		5		15		88	—88				62
Georgia		203		777		40		103		361	—361				399
Florida	6,636	4,670	1,681,481	656,213	4,328	2,992	963,336	600,049	3,158,431	1,061,537	2,096,894	197.5	12,306	6,158,941	1,907,816
Kentucky		18		76		4		23		1	—1				1
Alabama	113	66	587	303	121	87	1,337	401	339	290	49	16.9		678	350
Mississippi	60	90	571	1,001	57	92	944	1,978	381	1,368	—987	—72.1		762	2,345
Louisiana	75	41	405	2,813	88	46	727	1,477	352	1,781	—1,429	—80.2		704	4,069
Texas	177	116	5,454	4,544	636	287	74,039	8,768	2,850	488	2,362	484.0		5,700	866
Arizona	121	12	18,819	818	120	52	12,768	2,187	28,999	820	28,179		633	79,748	1,508
California	4,249	932	231,136	43,424	2,239	744	81,873	25,589	465,085	122,515	342,570	279.6	17,851	930,170	143,180
Limes, total	169	135	115,744	45,387	212	96	81,306	30,239	27,861	11,318	16,543	146.2	22,839	97,517	12,478
Florida	156	126	115,624	45,369	200	87	80,870	30,088	27,725	11,302	16,423	145.3	22,714	97,040	12,457
California	13	9	120	18	12	9	436	151	136	16	120		125	477	21
Tangerines, total	809	322	41,310	27,271	467	48	30,940	3,873	75,231	38,752	36,479	94.1		263,819	68,770
Florida	728	283	38,516	23,234	435	38	29,770	3,839	67,475	34,871	32,604	93.5		236,170	64,082
Louisiana		2		400						300	—300				500
Texas	2		19		9		222		98		98			343	
Arizona	1		300						1,000		1,000			4,000	
California	78	37	2,475	3,037	23	10	948	34	6,658	3,581	3,077	85.9		23,306	4,188
Mandarins, total		22		7,227		7		1,923		3,896	—3,896				6,553
Florida		1		1						1	—1				1
Louisiana		16		6,875		5		1,900		3,340	—3,340				5,945
California		5		351		2		23		555	—555				607
Kumquats, total	78	35	4,205	1,988	52	17	1,577	358	2,307	1,112	1,195	107.5		13,842	2,826
Florida	53	31	1,249	1,955	38	9	1,134	222	1,637	1,091	546	50.0		9,822	2,768
Alabama	25	3	2,956	30	14	5	443	108	670	15	655			4,020	46
Mississippi		1		3		3		28		6	—6				12
Citrons, total	4	3	1,504	8	1	4	1	30	2,002	6	1,996		90	8,008	9
California	4	3	1,504	8	1	4	1	30	2,002	6	1,996		90	8,008	9

TABLE 149.—NONCITRUS SUBTROPICAL FRUITS—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY STATES.

[A minus sign (—) denotes decrease.]

CROP AND STATE.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION.					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
Total			2,897,141	37,948,389			3,309,219	3,847,214						$4,807,381	$1,995,305
									Pounds.	*Pounds.*	*Pounds.*		*Pounds.*		
Figs, total	90,335	98,493	886,383	821,640	45,655	38,852	783,413	1,028,717	26,876,827	35,060,395	—8,183,568	—23.3	12,994,834	2,811,660	803,810
Rhode Island	5	4	129	183	2	1	15	3	960	1,090	—130	—11.9		115	397
New York		12		21		8		25		10	—10				5
New Jersey		11		75		3		19		939	—939				202
Pennsylvania		20		84		13		38		170	—170				7
Ohio	2	29	2	117	1	8	2	33		710	—710				39
Illinois		21		124		11		201		1,008	—1,008		23		26
Delaware		6		32		4		44		125	—125				7
Maryland	69	245	476	1,432	49	74	749	713	2,877	38,772	—35,895	—92.6	100	345	1,388
District of Columbia	1	1	24	60					132	700	—568	—81.1	650	11	17
Virginia	494	1,489	4,457	10,136	284	508	1,213	4,925	14,824	234,057	—219,233	—93.7	7,840	1,779	9,652
West Virginia		26		225		17		1,428		950	—950				47
North Carolina	3,008	7,159	6,692	21,054	1,722	2,296	3,763	7,783	33,017	660,624	—627,607	—95.0	14,510	3,966	22,632
South Carolina	7,015	9,938	16,893	24,807	3,346	2,406	6,818	7,325	283,496	975,136	—691,640	—70.9	74,050	34,017	49,169
Georgia	15,986	13,032	39,223	49,424	5,909	3,079	16,505	11,813	638,509	1,183,494	—544,985	—46.0	31,880	76,620	50,326
Florida	4,807	2,969	22,136	12,784	2,465	1,417	18,334	12,602	441,591	474,287	—32,696	—6.9	66,680	52,989	20,886
Kentucky	18	61	46	277	6	19	18	71	96	1,973	—1,877	—95.1		12	105
Tennessee	222	617	1,344	2,287	100	225	401	793	79,762	68,535	11,227	16.4	5,690	9,572	4,070
Alabama	14,000	15,219	44,386	52,731	5,496	4,365	24,317	33,893	749,154	1,773,126	—1,023,972	—57.7	140,970	112,372	80,960
Mississippi	6,736	15,457	24,921	65,397	4,650	5,929	21,303	38,654	296,706	1,949,301	—1,652,595	—84.8	61,600	35,608	107,609
Arkansas	1,501	1,456	3,958	4,174	1,040	824	3,344	2,518	25,350	80,707	—55,348	—68.6	14,420	3,042	5,953
Louisiana	9,984	10,871	46,276	71,464	5,757	4,993	33,451	102,043	1,351,060	2,025,308	—674,248	—33.3	384,560	162,120	87,009
Oklahoma	29	63	95	668	55	84	159	520	526	323	203	62.8		64	33
Texas	9,204	11,380	166,273	230,171	6,309	6,450	54,759	585,396	949,055	2,411,876	—1,462,821	—60.7	611,460	113,888	97,078
New Mexico	23	30	83	103	10	23	45	317	1,666	2,820	—1,154	—40.9	30	200	167
Arizona	432	361	3,719	3,848	235	280	1,720	2,088	129,849	127,081	2,768	2.2	949,140	15,583	4,103
Utah	99	46	812	287	74	16	795	175	51,700	22,164	29,536	133.3	5,425	6,204	576
Nevada	49	63	324	525	16	34	222	430	20,656	29,270	—8,614	—29.4	4,290	2,479	818
Washington	7		14		6		57		736		736			88	
Oregon	74	55	127	149	38	92	97	340	3,197	5,486	—2,289	—41.7	560	383	376
California	16,561	7,846	503,973	269,001	8,085	5,612	594,736	214,527	21,801,899	22,990,353	—1,188,454	—5.2	10,620,366	2,180,194	260,153
Other states													600		
									Crates.	*Crates.*	*Crates.*		*Crates.*		
Pineapples, total	38	589	[1] 924,594	[1] 36,191,389	23	219	[1] 1,599,660	[1] 2,602,813	26,016	778,651	—752,635	—96.7	95,456	110,569	734,090
Georgia		3		79		2		2		2	—2				6
Florida	38	581	924,594	36,190,758	23	203	1,599,660	2,602,585	26,016	778,644	—752,628	—96.7	95,441	110,569	734,069
Texas		5		552		14		226		5	—5				15
Other states													15		
									Pounds.	*Pounds.*	*Pounds.*		*Pounds.*		
Olives, total	3,081	3,174	918,253	846,175	2,768	2,133	694,539	123,784	17,676,581	16,405,493	1,271,088	7.7	5,053,637	1,416,377	404,574
Georgia		5		11		1		1		50	—50				2
Florida		10		165		18		47		356	—356		250		9
Kentucky		3		15						20	—20				1
Alabama		5		11		5		8		10	—10				1
Louisiana		20		273		18		296		7,750	—7,750				211
Arizona	22	57	7,303	9,353	35	73	7,522	1,773	112,561	264,895	—152,334	—57.5	13,150	11,256	3,073
California	3,059	3,074	910,890	836,347	2,733	2,018	687,017	121,659	17,564,020	16,132,412	1,431,608	8.9	5,040,227	1,405,121	401,277
Other states													10		
									Crates.	*Crates.*	*Crates.*		*Crates.*		
Alligator pears (avocados), total	523	186	39,687	12,054	881	243	75,723	23,072	24,128	4,920	19,208	390.4		193,024	10,100
Florida	299	186	27,771	12,054	437	243	41,758	23,072	16,209	4,920	11,289	229.5		129,672	10,100
California	224		11,916		444		33,965		7,919		7,919			63,352	
									Bunches.	*Bunches.*	*Bunches.*		*Bunches.*		
Bananas, total	152	110	14,474	23,114	106	99	6,970	7,515	6,405	10,060	—3,655	—36.3		8,010	5,661
Georgia		2		5											4
Florida	152	92	14,474	22,032	106	49	6,970	6,885	6,405	10,048	—3,643	—36.3		8,010	5,638
Alabama		1		2		27		77							2
Mississippi		3		6		2		7							2
Texas		9		1,060		17		527							3
California		3		9		4		19		12	—12				12
									Pounds.	*Pounds.*	*Pounds.*		*Pounds.*		
Guavas, total	516	340	28,636	15,347	290	119	13,417	3,807	295,309	354,062	—58,753	—16.6	1,677,166	10,304	11,628
Florida	445	213	24,982	8,293	256	85	13,124	3,364	262,457	258,709	3,748	1.4	1,645,795	8,661	7,604
Louisiana		2		23						300	—300				6
California	71	125	3,654	7,031	34	34	293	443	32,852	95,053	—62,201	—65.4	31,370	1,643	4,018
									Boxes.	*Boxes.*	*Boxes.*		*Boxes.*		
Mangoes, total	173	199	6,179	4,904	164	223	5,312	7,775	5,263	5,278	—15	—0.3		18,423	5,739
Florida	173	199	6,179	4,904	164	223	5,312	7,775	5,263	5,278	—15	—0.3		18,423	5,739
									Boxes.	*Boxes.*	*Boxes.*		*Boxes.*		
Loquats, total	296	176	3,296	3,791	196	125	462	1,011	4,328	4,541	—213	—4.7		17,312	5,880
Florida		1		80						25	—25				50
California	296	175	3,296	3,711	196	125	462	1,011	4,328	4,516	—188	—4.2		17,312	5,830

[1] Number of plants.

TABLE 149.—NONCITRUS SUBTROPICAL FRUITS—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY STATES—Continued.

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

Crop and state.	Trees of bearing age.				Trees not of bearing age.				Production.					Value.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
									Bushels.	*Bushels.*	*Bushels.*		*Bushels.*		
Japanese persimmons, total	691	687	28,002	16,491	467	496	24,414	17,176	29,429	6,723	22,706	337.7	2,721	$117,716	$9,087
New Jersey		1		2						1	—1				2
Pennsylvania		4		39		2		22		3	—3				8
Ohio		5		9						10	—10				7
Indiana		22		62		3		27		48	—48				41
Illinois		17		147		8		36		60	—60				60
Iowa		4		7		2		14		1	—1				2
Missouri		17		318		3		213		140	—140				200
Nebraska		2		24						6	—6				15
Kansas		19		481		1		10		120	—120				48
Maryland		1		1						5	—5				5
Virginia	2	2	230	11	1		50		72	10	62			288	2
North Carolina		12		67		16		61		56	—56				50
South Carolina		1		1		1		1		1	—1				1
Georgia	15	15	225	38	4	8	45	37	55	23	32			220	24
Florida	208	101	5,180	4,987	168	39	12,469	3,895	5,473	1,615	3,858	238.9	1,502	21,892	2,066
Kentucky		4		10		1		4		20	—20				20
Tennessee		4		336		3		21		94	—94				47
Alabama	77	46	5,912	1,715	70	51	1,895	944	1,182	339	843	248.7		4,728	402
Mississippi	18	34	427	296	11	11	494	317	224	123	101	82.1		896	408
Arkansas		10		59		4		8		44	—44				55
Louisiana	11	23	91	158	9	11	129	47	149	133	16	12.0		596	144
Texas	90	174	2,090	4,449	68	190	1,832	2,718	822	1,175	—353	—30.0	31	3,288	2,136
California	270	169	13,847	3,274	136	142	7,500	8,801	21,452	2,696	18,756	695.7	1,188	85,808	3,344
									Pounds.	*Pounds.*	*Pounds.*		*Pounds.*		
Pomegranates, total	399	666	28,169	8,933	211	308	28,303	9,275	1,029,757	152,825	876,932	573.8		61,786	4,203
North Carolina		1		1						50	—50				2
South Carolina		24		46		1		1		1,380	—1,380				75
Georgia	82	116	327	1,308	27	39	64	1,320	3,550	27,365	—23,815	—87.0		213	920
Florida	30	31	371	179	10	16	647	64	1,052	3,100	—2,048	—66.1		63	118
Alabama	20	240	55	1,672	6	71	26	3,552	197	19,090	—18,893	—99.0		13	617
Mississippi		11		29		8		227		995	—995				52
Louisiana		19		63		6		134		1,160	—1,160				38
Texas		17		101		23		344		300	—300				9
Arizona	17	29	906	770	4	27	176	347	10,140	23,360	—13,220	—56.6		608	477
Utah	18	1	570	100	3		19		33,130	400	32,730			1,988	12
Nevada	20	57	1,682	2,887	1	21	50	541	28,100	45,550	—17,450	—38.3		1,686	915
California	212	120	24,258	1,771	100	96	27,321	2,745	953,588	30,075	923,513			57,215	968
									Pounds.	*Pounds.*	*Pounds.*		*Pounds.*		
Dates, total	143	30	18,203	4,551	180	71	71,592	22,269	189,509	9,947	179,562			40,092	533
Florida	1	2	120	2	2	3	116	7	1,000	30	970			250	7
Texas	3	6	44	3,008	7	17	120	1,201	705	85	620			141	12
Arizona	17	14	740	1,216	18	21	1,460	1,509	42,812	6,500	36,312	558.6		10,703	96
California	122	8	17,299	325	153	30	69,896	19,552	144,992	3,332	141,660			28,998	418
									Boxes.	*Boxes.*	*Boxes.*		*Boxes.*		
Sugar apples, total	10		1,064		29		839		201		201			704	
Florida	10		1,064		29		839		201		201			704	
									Boxes.	*Boxes.*	*Boxes.*		*Boxes.*		
Sapodillas, total	6		201		12		4,575		401		401			1,404	
Florida	6		201		12		4,575		401		401			1,404	

Nuts.—The inquiry with regard to the production of nuts on farms at the census of 1920 was limited to three well-established kinds of cultivated nuts, namely, pecans, Persian or English walnuts, and almonds, though coconuts were also reported by nine farms in Florida. In 1910, black walnuts and several other varieties of nuts usually found growing wild were included. The total production of nuts, therefore, is not comparable for the two censuses.

The statistics for nuts produced on farms are summarized for the United States in Table 150; totals for all nuts together are given by divisions and states in Table 151, and figures for the three different kinds of nuts in Tables 152, 153, and 154.

TABLE 150.—NUTS—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, FOR THE UNITED STATES.

[Figures for divisions and states in Tables 151, 152, 153, and 154.]

Crop.	Trees of bearing age.				Trees not of bearing age.				Production (pounds).[1]					Value.[2]	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.[3]		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
Total			6,524,125	5,027,788			4,262,107	3,284,997	107,501,920	62,328,010	45,173,910	72.5	40,028,825	$29,714,396	$4,447,674
Almonds	12,845	7,815	2,431,115	1,187,962	7,558	5,280	1,420,983	389,575	15,852,965	6,793,539	9,059,426	133.4	7,142,710	3,963,264	711,970
Pecans	102,052	37,549	2,672,191	1,619,521	93,451	43,944	2,257,288	1,085,066	31,808,548	9,890,769	21,917,779	221.6	3,206,850	7,792,086	971,596
Walnuts (Persian or English)	23,798	16,867	1,390,061	914,270	18,402	19,991	583,242	806,413	59,840,407	22,026,524	37,813,883	171.7	10,668,065	17,916,158	2,297,336
Other nuts	9		30,758	1,306,035	11		594	403,943		23,617,178	—23,617,178		19,011,200	42,888	466,772

[1] Total production is exclusive of coconuts, which were reported by number, as follows: For 1919, 612,680; and for 1909, 17,012. [2] Includes the value of coconuts.
[3] A minus sign (—) denotes decrease.

TABLE 151.—ALL NUTS—NUMBER OF TREES, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease.]

DIVISION AND STATE.	NUMBER OF TREES OF BEARING AGE.		NUMBER OF TREES NOT OF BEARING AGE.		PRODUCTION (POUNDS).[1]					VALUE.[2]	
	1920	1910	1920	1910	1919	1909	Increase, 1909–1919. Amount.	Increase, 1909–1919. Per cent.	1899	1919	1909
United States	**6,524,125**	**5,027,788**	**4,262,107**	**3,284,997**	**107,501,920**	**62,328,010**	**45,173,910**	**72.5**	**40,028,825**	**$29,714,396**	**$4,447,674**
GEOGRAPHIC DIVISIONS:											
New England	.....	51,552	14	18,324	.....	1,433,720	—1,433,720	.....	1,705,350	.....	24,078
Middle Atlantic	2,389	362,554	3,820	95,949	17,427	6,819,288	—6,801,861	—99.7	9,465,000	4,380	171,983
East North Central	30,007	204,395	8,246	59,382	201,662	3,283,780	—3,082,118	—93.9	1,795,580	51,365	76,737
West North Central	118,378	565,377	41,068	134,534	812,707	5,486,942	—4,674,235	—85.2	2,684,300	243,600	96,548
South Atlantic	679,262	308,849	998,154	640,670	4,318,916	5,021,904	—702,988	—14.0	1,723,870	1,465,568	208,846
East South Central	323,589	164,577	526,973	303,993	2,927,075	3,035,884	—108,809	—3.6	1,570,120	793,325	160,113
West South Central	1,566,140	1,297,062	689,570	853,319	23,727,193	8,549,949	15,177,244	177.5	3,081,770	5,326,482	725,392
Mountain	14,545	15,111	11,885	12,989	90,357	75,355	15,002	19.9	169,570	22,714	7,402
Pacific	3,789,815	2,058,311	1,982,377	1,165,837	75,406,583	28,621,188	46,785,395	163.5	17,833,265	21,806,962	2,976,575
NEW ENGLAND:											
Maine	.....	815	.....	142	.....	12,922	—12,922	.....	29,050	.....	414
New Hampshire	.....	10,188	.....	3,064	.....	254,521	—254,521	.....	249,900	.....	3,684
Vermont	.....	24,534	.....	2,734	.....	891,825	—891,825	.....	103,850	.....	11,158
Massachusetts	.....	6,720	.....	2,030	.....	134,920	—134,920	.....	462,800	.....	3,671
Rhode Island	.....	47	.....	5	.....	1,545	—1,545	.....	4,200	.....	49
Connecticut	.....	9,248	14	10,349	.....	137,987	—137,987	.....	855,550	.....	5,102
MIDDLE ATLANTIC:											
New York	1,737	164,333	2,317	51,239	11,329	2,773,858	—2,762,529	—99.6	3,451,550	2,847	74,420
New Jersey	635	22,764	1,416	3,557	5,987	249,626	—243,639	—97.6	947,950	1,499	7,116
Pennsylvania	17	175,457	87	41,153	111	3,795,804	—3,795,693	.....	5,065,500	34	90,447
EAST NORTH CENTRAL:											
Ohio	53	21,702	349	4,868	622	559,093	—558,471	—99.9	295,250	177	11,691
Indiana	4,665	19,179	1,873	6,004	18,693	439,644	—420,951	—95.7	588,800	5,596	7,344
Illinois	25,289	85,428	6,024	35,666	182,347	714,478	—532,131	—74.5	360,680	45,592	20,550
Michigan	.....	37,297	.....	7,500	.....	961,137	—961,137	.....	470,700	.....	18,956
Wisconsin	.....	40,789	.....	5,344	.....	609,428	—609,428	.....	80,150	.....	18,196
WEST NORTH CENTRAL:											
Minnesota	.....	8,110	.....	7,047	.....	81,555	—81,555	.....	33,700	.....	1,838
Iowa	763	103,337	77	41,059	235	1,721,265	—1,721,030	.....	484,850	71	36,922
Missouri	85,789	153,244	32,414	26,526	556,396	2,823,368	—2,266,972	—80.3	1,747,520	166,865	39,746
North Dakota	.....	62	.....	560	.....	.....	.....	.....	200	.....	.....
South Dakota	.....	18,490	.....	10,608	.....	73,715	—73,715	.....	14,200	.....	1,511
Nebraska	389	79,000	9	37,019	2,073	384,325	—382,252	—99.5	93,000	521	8,906
Kansas	31,437	143,044	8,568	11,715	254,003	402,714	—148,711	—36.9	310,830	76,143	7,625
SOUTH ATLANTIC:											
Delaware	299	1,964	568	2,760	11,205	39,142	—27,937	—71.4	40,750	4,660	964
Maryland	768	11,780	1,818	4,227	6,301	318,148	—311,847	—98.0	65,950	1,648	5,687
District of Columbia	6	.....	8	.....	10	.....	10	.....	.....	4	.....
Virginia	12,452	53,184	3,897	13,964	33,927	841,572	—807,645	—96.0	376,440	10,184	22,161
West Virginia	.....	42,167	.....	12,903	.....	974,312	—974,312	.....	502,900	.....	16,049
North Carolina	18,573	29,462	38,209	32,737	171,329	1,244,629	—1,073,300	—86.2	244,330	50,132	28,535
South Carolina	58,025	38,743	90,025	48,124	525,783	376,013	149,770	39.8	213,320	157,734	26,888
Georgia	444,834	86,329	654,422	344,536	2,544,688	845,553	1,699,135	200.9	181,710	890,613	61,106
Florida	144,305	45,220	209,207	181,419	1,025,673	382,535	643,138	168.1	98,470	350,593	47,456
EAST SOUTH CENTRAL:											
Kentucky	7,895	21,339	2,446	6,067	53,191	946,428	—893,237	—94.4	403,270	15,821	17,231
Tennessee	4,324	24,926	7,279	7,404	71,959	783,570	—711,611	—90.8	659,660	17,998	14,041
Alabama	179,158	51,585	261,780	132,852	1,209,748	439,382	770,366	175.3	193,570	361,441	37,986
Mississippi	132,212	66,727	255,468	157,670	1,592,177	866,504	725,673	83.7	313,620	398,065	90,855
WEST SOUTH CENTRAL:											
Arkansas	19,907	25,805	27,523	21,996	364,342	787,854	—423,512	—53.8	533,700	91,099	27,513
Louisiana	95,075	38,466	101,964	125,471	2,262,666	796,925	1,465,741	183.9	665,770	677,819	73,169
Oklahoma[3]	400,480	128,431	108,650	67,372	4,296,642	1,019,238	3,277,404	321.6	45,330	859,331	62,168
Texas	1,050,678	1,104,360	451,433	638,480	16,803,543	5,945,932	10,857,611	182.6	1,836,970	3,698,233	562,542
MOUNTAIN:											
Montana	.....	23	.....	272	.....	.....	.....	.....	.....	.....	.....
Idaho	1,372	1,379	1,052	3,495	10,338	3,328	7,010	210.6	15,650	2,586	196
Wyoming	.....	18	.....	12	.....	.....	.....	.....	.....	.....	.....
Colorado	87	3,667	45	674	1,152	7,796	—6,644	—85.2	15,400	289	324
New Mexico	184	503	437	5,199	2,009	1,498	511	34.1	5,380	538	195
Arizona	5,133	6,812	2,883	1,452	12,309	35,834	—23,525	—65.6	121,060	3,132	4,485
Utah	7,314	1,737	6,345	1,160	61,374	16,649	44,725	268.6	9,110	15,376	1,547
Nevada	455	972	1,123	725	3,175	10,250	—7,075	—69.0	2,970	793	655
PACIFIC:											
Washington	13,083	7,107	19,315	36,854	109,178	65,441	43,737	66.8	14,780	27,302	3,522
Oregon	92,251	16,902	94,640	197,050	492,142	177,632	314,510	177.1	42,980	123,062	13,208
California	3,684,481	2,034,302	1,868,422	931,933	74,805,263	28,378,115	46,427,148	163.6	17,775,505	21,656,598	2,959,845

[1] Exclusive of coconuts, which were reported by number, as follows: For 1919, 612,680; and for 1909, 17,012.
[2] Includes the value of coconuts.
[3] Figures for 1899 include Indian Territory.

TABLE 152.—PECANS—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[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.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (POUNDS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	102,052	37,549	2,672,191	1,619,521	93,451	43,944	2,257,288	1,685,066	31,808,548	9,890,769	21,917,779	221.6	3,206,850	$7,792,086	$971,598
GEOGRAPHIC DIVISIONS:															
New England		6		15	5	6	14	1,607		250	—250				27
Middle Atlantic	27	145	75	581	54	63	238	541	312	15,005	—14,693	—97.9		94	548
East North Central	1,549	1,062	29,904	33,333	620	359	8,033	9,481	201,204	128,966	72,238	56.0	58,030	51,250	12,386
West North Central	2,803	1,564	115,390	77,015	784	403	40,408	10,422	808,221	170,619	637,602	373.7	122,700	242,473	12,025
South Atlantic	36,346	9,583	646,482	159,675	42,549	17,276	994,807	569,257	4,278,792	908,972	3,369,820	370.7	99,550	1,411,227	121,913
East South Central	23,285	7,830	318,115	109,643	27,281	13,017	521,117	279,374	2,859,926	919,792	1,940,134	210.9	374,170	776,511	115,929
West South Central	37,697	17,070	1,559,920	1,234,870	21,640	12,268	686,259	808,704	23,643,304	7,700,072	15,943,232	207.1	2,550,770	5,305,490	703,922
Mountain	55	37	249	166	118	129	1,575	1,782	2,312	1,128	1,184	105.0	390	694	136
Pacific	290	252	2,056	4,323	400	423	4,837	3,898	14,477	45,965	—31,488	—68.5	1,240	4,347	4,710
NEW ENGLAND:															
Maine		1		3						100	—100				20
Vermont		1		1		1		4							
Massachusetts						1		1							
Rhode Island		1		6		1		1							
Connecticut		3		5	5	3	14	1,601		150	—150				7
MIDDLE ATLANTIC:															
New York	12	3	52	5	16	8	57	26	191		191			57	
New Jersey	3	12	6	22	16	11	94	52	10	120	—110	—91.7		3	16
Pennsylvania	12	130	17	554	22	44	87	463	111	14,885	—14,774	—99.3		34	532
EAST NORTH CENTRAL:															
Ohio	12	21	25	81	17	19	254	308	417	1,010	—593	—58.7		126	70
Indiana	198	280	4,590	4,883	80	119	1,755	946	18,440	19,287	—847	—4.4	16,650	5,532	1,940
Illinois	1,339	755	25,289	28,330	523	218	6,024	8,223	182,347	107,069	75,278	70.3	41,380	45,592	10,301
Michigan		6		39		3		4		1,600	—1,600				75
WEST NORTH CENTRAL:															
Minnesota		2		6		4		35		25	—25				5
Iowa	15	17	763	247	5	8	77	148	235	1,890	—1,655	—87.6		71	59
Missouri	1,990	1,060	85,434	48,822	576	298	31,891	7,214	555,184	147,420	407,764	276.6	75,170	166,561	10,467
North Dakota						1		3							
South Dakota		7		43		2		34		6	—6				1
Nebraska		12		181		14		191		695	—695				31
Kansas	798	466	20,193	27,716	203	76	8,440	2,797	252,802	20,583	232,219		47,530	75,841	1,462
SOUTH ATLANTIC:															
Delaware	12	14	55	136	15	6	38	48	1,777	85	1,692			889	13
Maryland	265	39	211	172	64	63	721	460	1,502	1,717	—215	—12.5	50	444	85
Dist. of Columbia					2		5								
Virginia	652	209	12,452	868	888	240	3,897	2,337	33,927	10,568	23,359	221.0	1,340	10,184	1,356
West Virginia		10		126		2		6		240	—240				16
North Carolina	3,704	1,117	17,470	6,876	6,405	2,110	37,227	20,781	145,753	74,861	70,892	94.7	10,900	43,736	8,194
South Carolina	5,694	1,556	58,025	33,366	7,039	2,888	90,025	43,639	525,783	159,823	365,960	229.0	13,020	157,734	20,442
Georgia	18,852	3,990	444,722	75,519	20,878	7,353	654,281	325,779	2,544,377	354,046	2,190,331	618.7	27,440	890,535	47,845
Florida	7,167	2,648	113,547	42,512	7,198	4,614	208,613	176,207	1,025,673	307,632	718,041	233.4	46,800	307,705	43,962
EAST SOUTH CENTRAL:															
Kentucky	488	197	7,591	2,399	227	117	2,257	2,301	50,352	28,577	21,775	76.2	63,390	15,110	2,887
Tennessee	836	389	4,127	2,037	877	395	7,002	3,309	70,594	25,581	45,013	176.0	7,810	17,654	2,566
Alabama	11,218	2,956	176,426	44,683	13,444	5,834	257,671	125,734	1,179,735	228,341	951,394	416.7	60,670	353,924	30,540
Mississippi	10,743	4,288	129,971	60,524	12,733	6,671	254,187	148,030	1,559,245	637,293	921,952	144.7	242,300	389,823	79,936
WEST SOUTH CENTRAL:															
Arkansas	2,228	1,030	19,233	13,958	2,210	1,134	26,860	13,811	348,382	249,955	98,427	39.4	86,050	87,106	17,603
Louisiana	9,095	4,225	94,513	36,527	8,306	4,483	101,285	119,547	2,242,859	723,578	1,519,281	210.0	637,470	672,862	70,635
Oklahoma [1]	7,170	1,296	400,480	96,766	1,534	480	108,650	53,796	4,296,642	894,172	3,402,470	380.5	16,580	859,331	59,481
Texas	19,204	10,519	1,045,694	1,087,619	9,590	6,171	449,464	621,550	16,755,421	5,832,367	10,923,054	187.3	1,810,670	3,686,191	556,203
MOUNTAIN:															
Idaho		5		20		10		27							
Colorado						4		50							
New Mexico	19	12	33	31	31	69	213	1,468	626	53	573		40	189	5
Arizona	29	14	196	64	82	39	1,356	212	1,103	1,075	28	2.6	350	330	131
Utah	7	4	20	35	5	5	6	12	583		583			175	
Nevada		2		16		2		13							
PACIFIC:															
Washington		12		34		35		140					20		
Oregon	15	23	49	63	31	94	130	965	352	1,010	—658	—65.1		106	78
California	275	217	2,007	4,226	369	294	4,707	2,793	14,125	44,955	—30,830	—68.6	1,220	4,241	4,632

[1] Figures for 1899 include Indian Territory.

TABLE 153.—WALNUTS (PERSIAN OR ENGLISH)—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[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.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (POUNDS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	23,798	16,867	1,390,061	914,270	18,402	19,991	583,242	806,413	59,840,407	22,026,524	37,813,883	171.7	10,668,065	$17,916,158	$2,297,336
GEOGRAPHIC DIVISIONS:															
New England	.....	1	.....	4	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Middle Atlantic	497	304	2,215	1,083	489	234	3,554	1,641	16,755	16,667	88	0.5	.....	4,195	1,676
East North Central	18	158	99	1,371	54	42	202	1,265	456	5,958	—5,502	—92.3	.....	114	485
West North Central	116	88	2,954	1,415	42	50	575	1,006	4,179	5,841	—1,662	—28.5	.....	1,050	623
South Atlantic	888	3,609	2,010	16,375	816	3,050	2,713	16,946	40,058	233,610	—193,552	—82.9	15,630	11,436	16,621
East South Central	1,752	2,078	4,897	7,391	1,586	2,498	3,889	11,023	63,036	150,147	—87,111	—58.0	7,460	15,781	12,300
West South Central	535	1,471	1,927	19,086	633	1,482	1,898	23,627	41,110	77,967	—36,857	—47.3	15,140	10,291	7,022
Mountain	275	158	2,127	1,131	300	319	2,623	3,690	24,735	8,558	16,177	189.0	1,890	6,190	887
Pacific	19,717	9,000	1,373,832	866,414	14,482	12,315	567,788	747,214	59,650,078	21,527,776	38,122,302	177.1	10,627,945	17,867,101	2,257,722
NEW ENGLAND:															
Rhode Island	.....	1	.....	4	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
MIDDLE ATLANTIC:															
New York	284	81	1,589	456	292	28	2,238	139	10,778	9,346	1,432	15.3	.....	2,699	858
New Jersey	213	170	626	429	197	138	1,316	1,360	5,977	2,798	3,179	113.6	.....	1,496	302
Pennsylvania	.....	53	.....	198	.....	68	.....	142	.....	4,523	—4,523	.....	.....	.....	516
EAST NORTH CENTRAL:															
Ohio	10	71	28	599	31	30	95	220	205	2,461	—2,256	—91.7	.....	51	154
Indiana	8	.....	71	.....	23	.....	107	.....	251	.....	251	.....	.....	63	.....
Illinois	.....	87	.....	772	.....	12	.....	1,045	.....	3,497	—3,497	.....	.....	.....	331
WEST NORTH CENTRAL:															
Minnesota	.....	1	.....	1	.....	2	.....	7	.....	50	—50	.....	.....	.....	5
Iowa	.....	1	.....	200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri	34	86	321	1,214	25	48	438	999	905	5,791	—4,886	—84.4	.....	227	618
Nebraska	32	.....	389	.....	4	.....	9	.....	2,073	.....	2,073	.....	.....	521	.....
Kansas	50	.....	2,244	.....	13	.....	128	.....	1,201	.....	1,201	.....	.....	302	.....
SOUTH ATLANTIC:															
Delaware	83	6	243	15	91	7	530	15	9,428	222	9,206	.....	.....	3,771	44
Maryland	260	754	546	2,068	229	444	1,057	1,758	4,733	6,916	—2,183	—31.6	50	1,187	745
District of Columbia	2	.....	6	.....	1	.....	3	.....	10	.....	10	.....	.....	4	.....
Virginia	.....	371	.....	3,540	.....	194	.....	1,642	.....	22,512	—22,512	.....	1,450	.....	1,231
West Virginia	.....	121	.....	3,035	.....	59	.....	1,481	.....	17,337	—17,337	.....	.....	.....	2,153
North Carolina	495	563	1,103	2,125	430	509	982	1,731	25,576	73,303	—47,727	—65.1	180	6,396	3,686
South Carolina	.....	473	.....	1,373	.....	526	.....	1,834	.....	28,160	—28,160	.....	1,500	.....	2,583
Georgia	48	1,020	112	3,433	65	984	141	6,996	311	56,585	—56,274	—99.5	2,970	78	4,161
Florida	.....	301	.....	786	.....	327	.....	1,489	.....	28,575	—28,575	.....	9,480	.....	2,018
EAST SOUTH CENTRAL:															
Kentucky	66	106	304	1,227	37	46	189	1,193	2,839	35,825	—32,986	—92.1	80	711	1,499
Tennessee	67	96	182	437	101	49	269	137	1,365	4,157	—2,792	—67.2	.....	344	295
Alabama	938	983	2,170	3,022	921	1,164	2,150	4,180	25,900	43,673	—17,773	—40.7	1,710	6,484	3,557
Mississippi	681	803	2,241	2,705	527	1,239	1,281	5,513	32,932	66,492	—33,560	—50.5	5,670	8,242	6,949
WEST SOUTH CENTRAL:															
Arkansas	197	182	555	1,284	241	182	556	1,260	14,254	15,436	—1,182	—7.7	.....	3,566	1,384
Louisiana	212	411	562	1,228	204	338	679	3,390	19,807	15,173	4,634	30.5	4,740	4,957	1,446
Oklahoma	.....	252	.....	6,889	.....	198	.....	5,962	.....	6,700	—6,700	.....	.....	.....	489
Texas	126	626	810	9,685	188	704	663	13,015	7,049	40,658	—33,609	—82.7	10,400	1,768	3,703
MOUNTAIN:															
Idaho	81	52	872	407	74	74	658	1,013	9,038	633	8,405	.....	.....	2,260	79
Wyoming	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado	17	6	87	39	9	7	45	80	1,152	25	1,127	.....	.....	289	3
New Mexico	23	15	88	250	29	123	136	1,641	841	715	126	17.6	500	213	91
Arizona	25	23	238	103	67	62	834	324	871	1,000	—129	—12.9	.....	219	161
Utah	120	53	817	292	113	42	824	484	12,138	5,985	6,153	102.8	1,310	3,036	533
Nevada	9	8	25	39	8	11	126	148	695	200	495	247.5	80	173	20
PACIFIC:															
Washington	1,002	509	10,703	3,651	1,340	1,461	18,760	23,406	96,843	16,450	80,393	488.7	1,860	24,217	2,241
Oregon	3,209	1,134	88,695	9,526	4,246	4,300	93,214	177,004	461,845	79,060	382,785	484.2	6,110	115,467	8,288
California	15,506	7,357	1,274,434	853,237	8,896	6,554	455,814	546,804	59,091,390	21,432,266	37,659,124	175.7	10,619,975	17,727,417	2,247,193

TABLE 154.—ALMONDS—NUMBER OF TREES, WITH FARMS REPORTING, 1920 AND 1910; PRODUCTION, 1899 TO 1919; AND VALUE, 1919 AND 1909, BY DIVISIONS AND STATES.

[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.	TREES OF BEARING AGE.				TREES NOT OF BEARING AGE.				PRODUCTION (POUNDS).					VALUE.	
	Farms reporting.		Number.		Farms reporting.		Number.		1919	1909	Increase, 1909-1919.		1899	1919	1909
	1920	1910	1920	1910	1920	1910	1920	1910			Amount.	Per cent.			
United States	12,845	7,815	2,431,115	1,187,962	7,558	5,280	1,420,983	389,575	15,852,965	6,793,539	9,059,426	133.4	7,142,710	$3,963,264	$711,970
GEOGRAPHIC DIVISIONS:															
New England		5		27		1		10		200	—200				24
Middle Atlantic	11	10	99	80	11	14	28	44	360	500	—140	—28.0		91	50
East North Central	1	11	4	61	5	3	11	4	2	805	—803	—99.8		1	104
West North Central	7	32	34	549	11	18	85	184	307	337	—30	—8.9		77	67
South Atlantic	6	111	12	438	7	173	40	3,846	66	3,034	—2,968	—97.8	590	17	324
East South Central	86	55	577	192	82	136	1,967	1,885	4,113	1,440	2,673	185.6	40	1,033	127
West South Central	169	281	4,293	5,857	118	224	1,413	2,101	42,779	23,164	19,615	84.7	10	10,701	2,405
Mountain	481	413	12,169	9,373	301	233	7,687	2,623	63,310	53,261	10,049	18.9	127,140	15,830	6,011
Pacific	12,084	6,897	2,413,927	1,171,385	7,023	4,478	1,409,752	378,878	15,742,028	6,710,798	9,031,230	134.6	7,014,930	3,935,514	702,858
NEW ENGLAND:															
Maine		1		5											
Vermont		1		1											
Massachusetts		3		21		1		10		200	—200				24
MIDDLE ATLANTIC:															
New York	9	1	96	1	7	2	22	8	360		360			91	
New Jersey	2	3	3	11	4	2	6	10							
Pennsylvania		6		68		10		26		500	—500				50
EAST NORTH CENTRAL:															
Indiana	1	2	4	2	5	1	11	1	2	20	—18			1	2
Illinois		5		48						505	—505				51
Michigan		3		10		2		3		280	—280				51
Wisconsin		1		1											
WEST NORTH CENTRAL:															
Minnesota		1		1		1		2							
Iowa		2		3											
Missouri	7	13	34	144	11	11	85	65	307	334	—27	—8.1		77	67
South Dakota						1		2							
Nebraska						2		6							
Kansas		16		401		3		109		3	—3				
SOUTH ATLANTIC:															
Delaware	1	3	1	9		1		4		100	—100				10
Maryland	5	13	11	43	7	13	40	65	66	180	—114	—63.3		17	2
Virginia		4		34		6		12		165	—165				17
West Virginia		2		3						290	—290				23
North Carolina		16		97		37		132		234	—234				27
South Carolina		24		78		33		162		440	—440				58
Georgia		36		130		54		3,196		1,200	—1,200				150
Florida		13		44		29		275		425	—425		590		37
EAST SOUTH CENTRAL:															
Kentucky		2		2		2		7		50	—50				10
Tennessee	2	5	15	58	4	7	8	129		410	—410				13
Alabama	84	18	562	51	78	69	1,959	580	4,113	484	3,629	749.8	40	1,033	51
Mississippi		30		81		58		1,169		496	—496				53
WEST SOUTH CENTRAL:															
Arkansas	23	13	119	1,100	23	22	107	307	1,706	3,330	—1,624	—48.8		427	622
Louisiana		14		29		24		117		455	—455		10		44
Oklahoma		47		194		33		149		2,447	—2,447				121
Texas	146	207	4,174	4,534	95	145	1,306	1,528	41,073	16,932	24,141	142.6		10,274	1,618
MOUNTAIN:															
Montana						1		4							
Idaho	49	57	500	230	40	60	394	363	1,300	417	883	211.8		326	46
Colorado		36		130		14		47		341	—341		50		63
New Mexico	21	12	63	107	21	14	88	205	542	530	12	2.3	90	136	89
Arizona	180	155	4,699	6,639	121	90	693	845	10,335	33,759	—23,424	—69.4	116,510	2,583	4,193
Utah	206	113	6,477	1,408	101	39	5,515	664	48,653	10,664	37,989	356.2	7,600	12,165	1,014
Nevada	25	40	430	859	18	15	997	495	2,480	7,550	—5,070	—67.2	2,890	620	606
PACIFIC:															
Washington	305	149	2,380	695	122	293	555	3,800	12,335	770	11,565		4,800	3,085	86
Oregon	518	429	3,507	3,960	262	505	1,296	4,117	29,945	17,515	12,430	71.0	17,520	7,489	2,468
California	11,261	6,319	2,408,040	1,166,730	6,639	3,680	1,407,901	365,961	15,699,748	6,692,513	9,007,235	134.6	6,992,610	3,924,940	700,304