

# CHAPTER IX.

## INDIVIDUAL CROPS.

### THE CEREALS.

Statistics for all cereals combined: 1909 and 1899.— Considered as an aggregate, the cereals are, both in acreage and value, the most important of the crops of the United States. In 1909 they occupied 40 per cent of all improved farm land and 61.5 per cent of all land

occupied by crops with acreage reports, and contributed 48.6 per cent of the value of all crops. The acreage, production, and value of all cereals combined are given in Table 1, by divisions and sections, for 1909 and 1899.

Table 1 DIVISION OR SECTION.	ACREAGE.				PRODUCTION (BUSHEL).				VALUE.			
	1909	1899	Increase. <sup>1</sup>		1909	1899	Increase. <sup>1</sup>		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	191,395,963	184,982,220	6,413,743	3.5	4,512,564,465	4,438,857,013	73,707,452	1.7	\$2,665,539,714	\$1,482,603,049	\$1,182,936,665	79.8
New England.....	468,617	505,327	-36,710	-7.3	16,972,973	17,447,477	-474,504	-2.7	10,664,849	7,722,703	2,942,146	38.1
Middle Atlantic.....	7,430,170	8,452,125	-1,021,955	-12.1	182,950,097	213,777,302	-30,827,205	-14.4	123,246,651	92,032,936	31,213,715	33.9
East North Central.....	42,305,757	43,553,749	-1,247,992	-2.9	1,382,640,124	1,371,560,131	11,079,993	0.8	731,015,347	428,836,352	302,208,995	70.5
West North Central.....	83,705,743	75,771,149	7,934,594	10.5	1,936,411,197	1,877,640,699	58,770,498	3.1	1,069,912,479	547,296,135	522,616,344	99.1
South Atlantic.....	15,282,740	16,964,662	-1,681,922	-9.9	231,040,725	220,394,303	10,646,422	4.8	194,496,951	111,098,436	83,398,515	75.1
East South Central.....	13,575,676	15,601,376	-2,025,700	-13.0	237,766,717	251,846,755	-14,080,038	-5.6	173,832,911	114,349,649	59,483,262	52.0
West South Central.....	19,468,212	15,919,053	3,549,159	22.3	309,793,487	326,732,734	-16,939,247	-5.2	194,958,491	109,938,922	84,999,569	77.3
Mountain.....	3,354,674	1,636,980	1,717,694	104.9	85,929,191	36,715,523	49,213,668	142.2	56,779,935	16,220,286	40,559,649	250.1
Pacific.....	5,804,374	6,577,799	-773,425	-11.8	126,059,954	122,742,029	3,317,925	2.7	90,662,100	55,137,630	35,524,470	64.1
The North.....	133,910,287	128,282,350	5,627,937	4.4	3,518,974,391	3,490,425,669	28,548,722	1.1	1,964,899,329	1,075,858,126	878,991,200	81.7
The South.....	48,326,628	48,485,091	-158,463	-0.3	778,600,929	798,973,792	-20,372,863	-2.5	563,258,353	335,387,007	227,871,346	67.9
The West.....	9,159,048	8,214,779	944,269	11.5	214,989,145	159,457,552	55,531,593	34.8	147,442,035	71,357,916	76,084,119	106.6
East of the Mississippi.....	79,062,960	85,077,239	-6,014,279	-7.1	2,051,370,630	2,075,026,028	-23,655,392	-1.1	1,233,226,709	753,980,076	479,246,633	63.6
West of the Mississippi.....	112,333,003	99,904,981	12,428,022	12.4	2,461,193,829	2,363,830,985	97,362,844	4.1	1,432,313,005	728,622,973	703,690,032	96.6

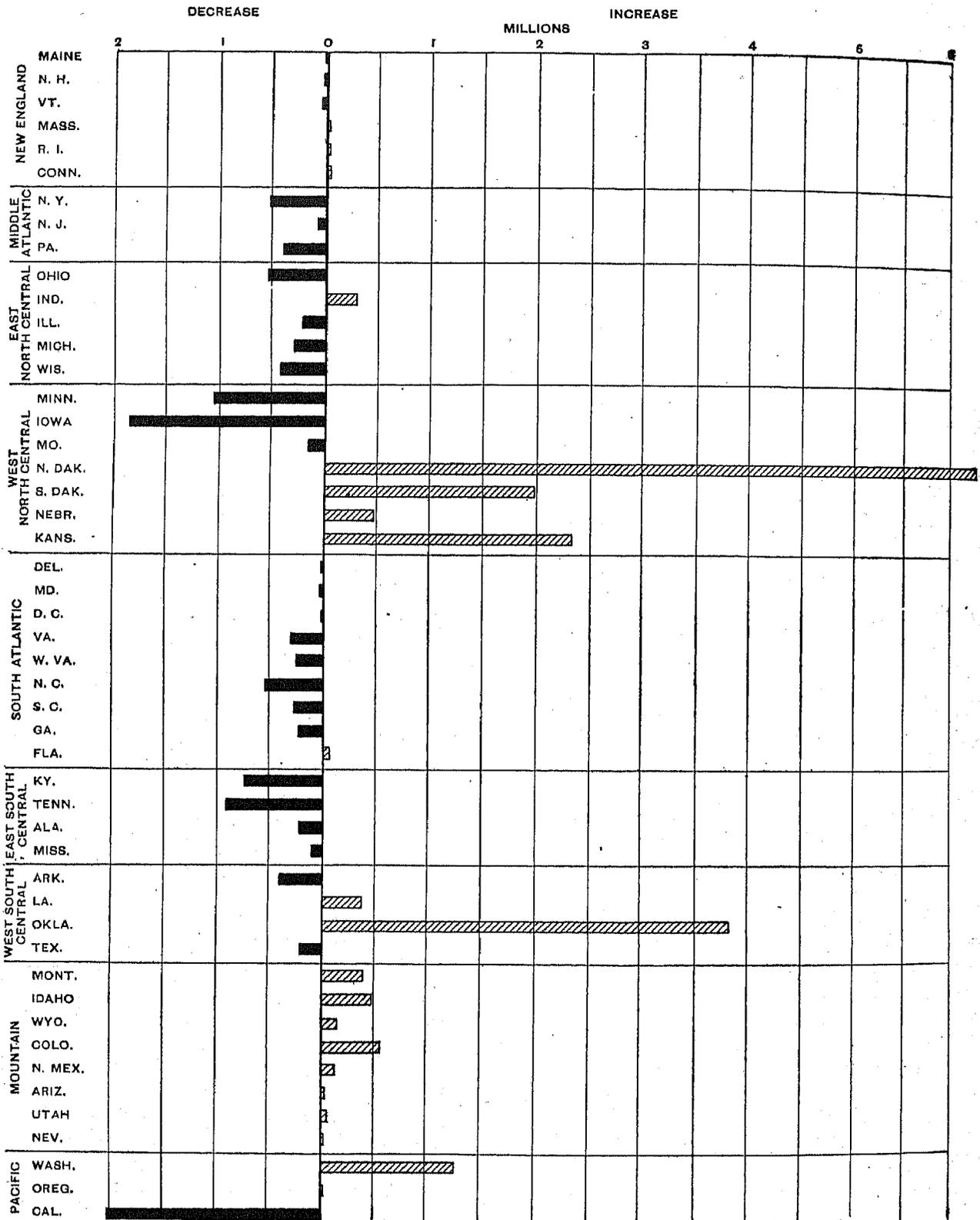
<sup>1</sup> A minus sign (-) denotes decrease.

The total area of cereals harvested in 1909 was 191,395,963 acres, as compared with 184,982,220 acres in 1899, showing a gain of 6,413,743 acres, or 3.5 per cent. The production increased from 4,438,857,000 bushels in 1899 to 4,512,564,000 bushels in 1909, a gain of 73,707,000 bushels, or 1.7 per cent. The yield per acre was thus slightly less in 1909 than in 1899. This was due in the main, if not wholly, to the unfavorable weather conditions in the corn belt during 1909, which reduced the yield of oats and corn. The advance in value was very decided; from \$1,482,603,000 in 1899 the reported value of the cereals rose to \$2,665,540,000 in 1909, an increase of \$1,182,937,000, or 79.8 per cent.

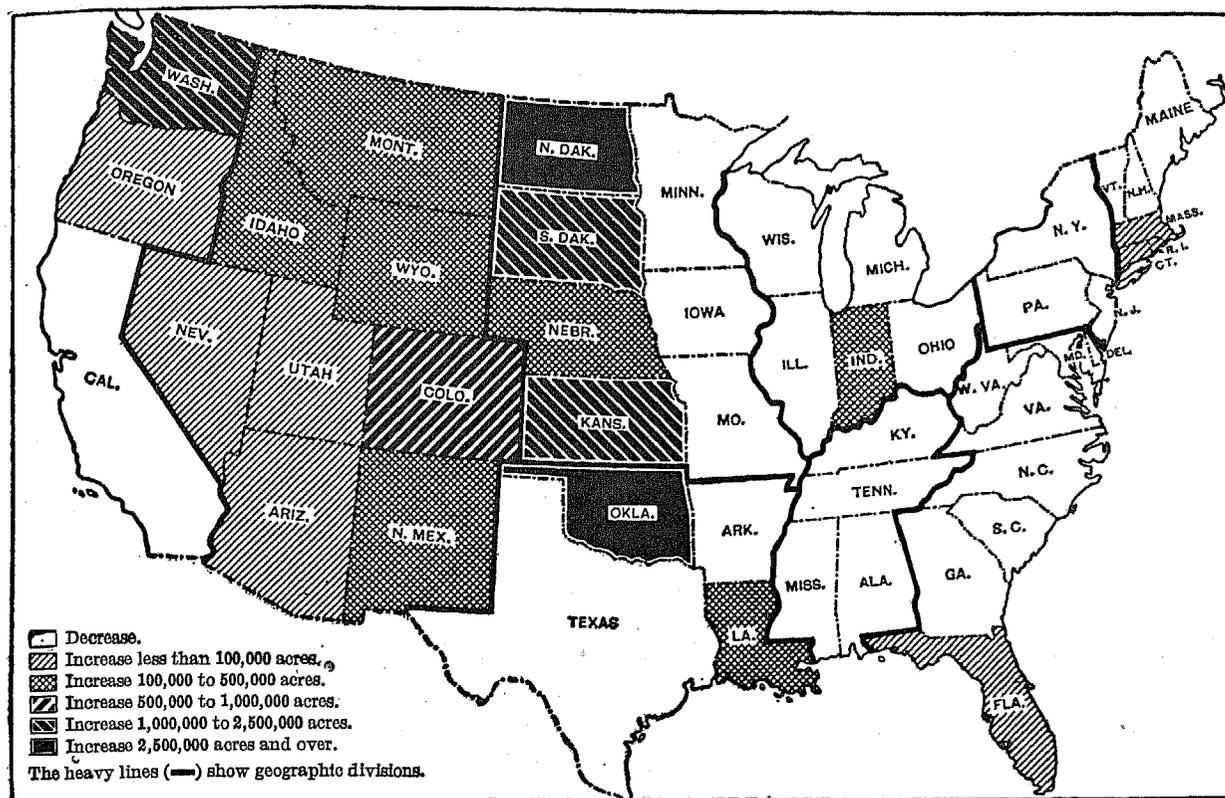
The total acreage of cereals in 1909 was distributed among the geographic divisions as follows: The West North Central reported 83,705,743 acres, or 43.7 per cent; the East North Central, 42,305,757 acres, or 22.1 per cent; the West South Central, 19,468,212 acres, or 10.2 per cent; the South Atlantic, 15,282,740 acres, or 8 per cent; the East South Central, 13,575,676 acres, or 7.1 per cent; the Middle Atlantic, 7,430,170 acres, or 3.9 per cent; the Pacific, 5,804,374 acres, or 3 per cent; the Mountain, 3,354,674 acres, or 1.8 per cent; and the New England, 468,617 acres, or 0.2 per

cent. The two North Central divisions together reported about two-thirds (65.8 per cent) of the total cereal acreage of the United States. There was a decrease of 1,247,992 acres, or 2.9 per cent, however, in the East North Central division, while in the West North Central division the increase was 7,934,594 acres, or 10.5 per cent, all of this increase taking place in the four Western states of the division—North Dakota, South Dakota, Nebraska, and Kansas. Increases were reported from the West South Central division (3,549,159 acres, or 22.3 per cent) and from the Mountain division (1,717,694 acres, or 104.9 per cent). All the other divisions show decreases, the greatest being that for the East South Central division, 2,025,700 acres, or 13 per cent. The only divisions showing increases were thus located between the Mississippi River and the three states bordering on the Pacific Ocean. The changes in the acreage of all cereals is graphically illustrated in the diagram on page 566, which shows, approximately, by millions of acres, for each state the increase or decrease, from 1899 to 1909, in the acreage devoted to cereals of all kinds; and the map on page 567, which shows for each of the states the increase or decrease in the acreage of cereals from 1899 to 1909.

CHANGES IN ACREAGE OF ALL CEREALS: 1899 TO 1909.



CHANGES IN ACREAGE OF ALL CEREALS: 1899 TO 1909.



The geographic distribution of the production of all cereals combined is somewhat different from that of the acreage, owing to differences in the yield per acre of the different cereals in different sections of the country. The leading division in production in 1909 was the West North Central with 1,936,411,000 bushels, or 42.9 per cent of the whole. The East North Central division was second with 30.6 per cent and the West South Central division third with 6.9 per cent. Increases in production between 1899 and 1909 were reported by the West North Central, Mountain, East North Central, South Atlantic, and Pacific divisions. It will be noticed that the divisions reporting increased production include only two of the three reporting increased acreage, the West South Central showing increased acreage and decreased production; but in addition they include three divisions which reported decreases in acreage. The differences in the average yield of all cereals per acre in the several divisions between 1899 and 1909 which account for these variations are, however, due partly to changes in the relative importance of the individual cereals and partly to temporarily favorable or unfavorable climatic conditions which affected some divisions more than others.

Every division reported an increase in the value of the cereals produced in 1909 as compared with 1899. The greatest absolute increases were reported for the West North Central and East North Central divisions, \$542,616,000 and \$302,209,000, respectively, while the

greatest relative increase, 250.1 per cent, appeared in the Mountain division. The smallest increases were shown by the two northeastern divisions. In New England the increase was only \$2,942,000, or 38.1 per cent, and in the Middle Atlantic division it was \$31,214,000, or 33.9 per cent.

Table 2 shows, for the different geographic divisions and states, the acreage, production, and value of all cereals combined, in 1909 and 1899, together with amounts and percentages of increase or decrease. The map on page 569 shows the acreage of all cereals combined, by states, for 1909.

In the acreage of cereals only 5 of the 26 states east of the Mississippi River show increases between 1899 and 1909, the aggregate increase for the 5 states being only 329,680 acres, of which 281,023 were in Indiana. Moreover, of the 5 states bordering the Mississippi River on the west, 4, Minnesota, Iowa, Missouri, and Arkansas, show decreases, only Louisiana showing an increase. Of these 31 states, 25 show decreases in cereal acreage aggregating 9,874,198 acres, the net loss for the group of 31 being 9,179,920 acres. Among the states farther west, however, there are only 2, California and Texas, which show decreases in the acreage of cereals, the aggregate decrease being 2,250,249 acres, while the remaining 15 states show increases aggregating 17,844,003 acres, the net increase for this group of states thus being 15,593,754 acres. The Mountain division shows a relative increase in acreage of 104.9 per cent.

## ALL CEREALS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 2 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
United States....	191,395,063	184,982,220	6,413,743	3.5	4,512,564,465	4,438,857,013	73,707,452	1.7	\$2,665,539,714	\$1,482,603,049	\$1,182,936,665	79.8
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	468,617	505,327	-36,710	-7.3	10,972,973	17,447,477	-474,504	-2.7	10,064,849	7,722,703	2,942,146	38.1
Middle Atlantic....	7,430,170	8,452,125	-1,021,955	-12.1	182,950,097	213,777,302	-30,827,205	-14.4	123,240,051	92,032,936	31,213,715	33.9
East North Central.	42,305,757	43,553,749	-1,247,992	-2.9	1,382,640,124	1,371,600,131	11,079,993	0.8	781,015,347	428,806,352	302,208,995	70.5
West North Central	83,705,743	75,771,149	7,934,594	10.5	1,036,411,107	1,877,640,099	58,770,498	3.1	1,080,912,470	547,296,135	542,616,344	99.1
South Atlantic.....	15,282,740	16,964,062	-1,681,322	-9.9	231,040,725	220,394,303	10,646,422	4.8	194,466,951	111,068,436	83,398,515	75.1
East South Central.	13,575,076	15,001,376	-2,025,700	-13.0	237,700,717	251,846,755	-14,080,038	-5.6	173,832,911	114,349,049	59,483,262	52.0
West South Central	10,468,212	15,019,053	3,549,159	22.3	309,793,487	326,732,734	-16,030,247	-5.2	194,958,401	100,968,922	84,989,569	77.3
Mountain.....	3,354,674	1,036,980	1,717,694	104.9	88,920,101	36,715,523	52,213,608	142.2	56,779,935	16,220,250	40,559,689	250.1
Pacific.....	5,804,374	6,577,799	-773,425	-11.8	120,059,954	122,742,020	3,317,925	2.7	90,602,100	55,137,630	35,524,470	64.4
<b>NEW ENGLAND:</b>												
Maine.....	159,016	166,800	-7,280	-4.4	5,395,108	5,291,655	103,513	2.0	3,100,902	2,138,203	902,699	45.0
New Hampshire....	32,928	42,335	-9,407	-22.2	1,355,905	1,077,225	-321,290	-19.2	970,631	774,249	105,388	13.6
Vermont.....	134,611	160,127	-25,516	-15.9	4,851,407	5,708,140	-1,856,733	-23.8	2,651,877	2,440,585	205,292	8.4
Massachusetts.....	65,297	53,385	1,882	3.5	2,402,738	1,894,035	508,703	26.9	1,617,131	922,127	695,004	75.4
Rhode Island.....	12,112	10,552	1,560	14.8	450,384	350,110	109,274	31.2	376,097	189,057	188,440	98.3
Connecticut.....	74,083	72,032	2,051	2.8	3,008,251	2,526,312	481,939	19.1	2,039,211	1,251,888	787,323	62.9
<b>MIDDLE ATLANTIC:</b>												
New York.....	2,002,461	3,125,077	-522,616	-16.7	69,230,218	80,413,605	-11,174,477	-13.9	43,099,988	34,284,705	8,815,283	25.7
New Jersey.....	503,651	588,853	-85,202	-14.5	14,035,521	15,553,475	-1,517,954	-9.8	9,707,937	6,938,600	2,859,247	41.2
Pennsylvania.....	4,324,058	4,738,195	-414,137	-8.7	90,075,358	117,810,192	-18,184,834	-15.4	70,348,726	50,809,641	19,539,185	38.5
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	7,640,873	8,214,900	-565,027	-6.0	247,749,768	245,957,855	1,791,908	0.7	137,907,934	91,748,320	46,159,614	50.3
Indiana.....	8,752,732	8,471,709	281,023	3.3	281,488,700	249,445,647	32,043,053	12.8	151,898,140	81,858,825	70,039,315	85.6
Illinois.....	10,530,457	10,760,019	-232,553	-1.4	580,954,423	600,107,378	-19,152,955	-3.2	297,523,098	164,784,437	132,738,661	80.5
Michigan.....	4,415,629	4,721,120	-121,802,498	-0.5	121,306,038	105,359,403	16,503,235	15.7	70,544,250	41,819,042	28,725,208	68.7
Wisconsin.....	4,051,000	5,370,944	-425,878	-7.9	150,584,000	170,089,848	-20,105,248	-11.8	73,141,919	48,595,728	24,546,191	50.5
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	10,139,850	11,207,009	-1,067,219	-9.5	250,148,531	242,853,903	10,294,628	6.7	140,804,148	85,817,555	55,046,593	64.1
Iowa.....	15,041,039	10,020,095	-1,879,056	-11.1	489,803,118	593,078,358	-104,175,240	-17.5	230,205,315	147,919,076	82,286,239	55.8
Missouri.....	10,255,470	10,423,745	-108,269	-1.0	240,786,298	252,772,272	-5,985,974	-2.4	147,980,414	79,574,841	68,405,573	86.0
North Dakota.....	11,887,141	5,010,374	6,270,767	111.9	217,246,973	90,430,446	126,816,527	140.2	140,133,451	40,120,051	100,007,400	271.6
South Dakota.....	8,203,510	6,211,223	1,992,290	32.1	174,003,749	101,194,100	73,709,649	72.8	98,958,050	34,500,001	64,446,989	186.8
Nebraska.....	12,540,049	12,071,703	468,346	3.9	285,078,047	297,805,360	-12,780,410	-4.3	153,666,652	75,730,442	77,936,210	102.9
Kansas.....	15,638,609	13,320,940	2,311,720	17.3	203,443,581	298,540,254	-35,102,673	-11.8	169,100,449	83,622,109	85,487,340	102.2
<b>SOUTH ATLANTIC:</b>												
Delaware.....	309,288	318,772	-9,484	-3.0	6,048,544	6,775,575	-127,031	-1.9	4,692,329	3,032,513	1,659,816	54.7
Maryland.....	1,329,201	1,368,205	-39,004	-2.9	29,183,197	30,985,936	-1,802,739	-5.8	21,908,730	14,505,992	7,402,738	51.0
District of Columbia	452	543	-91	-16.8	13,232	16,300	-3,068	-18.8	9,935	7,039	2,896	41.1
Virginia.....	2,841,114	3,160,332	-325,218	-10.3	50,283,074	49,470,178	812,896	1.6	39,993,929	23,759,479	16,234,450	68.3
West Virginia.....	1,038,931	1,307,428	-268,497	-20.5	22,110,677	23,152,608	-1,035,931	-4.5	15,997,700	11,571,334	4,426,366	38.3
North Carolina.....	3,250,870	3,794,064	-543,194	-14.3	41,117,292	42,090,432	-973,140	-2.3	37,848,797	22,082,175	15,766,622	71.4
South Carolina.....	1,955,095	2,251,050	-295,355	-13.1	27,493,754	22,834,720	4,659,034	20.4	25,434,530	12,722,415	12,712,124	99.9
Georgia.....	3,906,703	4,150,886	-244,183	-5.9	46,590,610	39,372,927	7,108,692	18.2	42,405,019	20,481,157	21,923,862	107.0
Florida.....	650,486	607,322	43,164	7.1	7,648,330	5,095,507	1,952,709	34.3	6,175,973	2,906,332	3,200,641	112.5
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	4,323,702	5,085,529	-761,827	-15.0	94,836,975	92,422,506	2,414,469	2.6	60,738,051	39,692,771	21,045,880	53.0
Tennessee.....	4,130,647	5,055,328	-918,681	-18.2	79,143,649	82,095,132	-2,940,483	-3.6	55,302,278	30,014,592	18,387,686	49.8
Alabama.....	2,844,824	3,088,454	-243,630	-7.9	34,072,032	37,010,914	-3,538,882	-9.4	30,927,210	18,424,318	12,502,892	67.9
Mississippi.....	2,270,503	2,372,065	-101,562	-4.3	29,709,061	39,718,143	-10,009,082	-25.2	26,864,772	10,317,968	7,546,804	39.1
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	2,504,898	2,080,684	-415,780	-13.9	42,655,830	50,527,455	-7,871,616	-15.6	31,202,922	20,233,270	11,029,652	54.5
Louisiana.....	1,938,357	1,573,759	364,598	23.2	37,273,196	28,594,874	8,678,322	30.4	24,780,984	14,491,796	10,289,188	71.0
Oklahoma.....	8,248,653	4,431,819	3,816,834	86.1	129,816,483	1,100,318,982	29,497,501	29.4	71,798,662	128,111,290	43,687,372	155.4
Texas.....	6,716,304	6,932,791	-216,487	-3.1	100,047,960	147,291,423	-47,243,464	-32.1	67,109,923	47,132,560	19,977,357	42.4
<b>MOUNTAIN:</b>												
Montana.....	685,807	254,231	381,576	160.1	21,239,157	7,500,180	13,039,977	179.5	12,251,345	3,267,726	8,983,619	274.9
Idaho.....	847,138	369,788	477,350	129.1	29,528,174	8,394,800	18,133,374	216.0	16,026,070	3,212,387	12,814,289	398.9
Wyoming.....	189,947	50,528	139,419	276.0	4,523,310	1,195,775	3,327,535	278.3	2,744,602	528,481	2,216,021	419.3
Colorado.....	1,057,905	525,299	532,606	101.4	22,322,328	10,501,528	11,820,800	112.0	14,787,519	4,700,271	10,087,248	214.6
New Mexico.....	218,037	99,402	121,635	120.2	2,075,383	1,053,102	1,322,281	80.0	2,382,990	979,903	1,403,087	143.2
Arizona.....	75,299	53,958	21,311	39.5	1,878,960	1,147,202	731,698	63.8	1,570,853	673,639	897,214	133.2
Utah.....	298,613	255,099	42,914	16.8	8,290,625	5,381,125	2,915,500	54.2	6,092,281	2,386,789	3,705,492	155.3
Nevada.....	34,958	31,075	3,883	12.5	1,105,254	842,751	322,503	38.3	923,763	471,090	452,673	96.1
<b>PACIFIC:</b>												
Washington.....	2,591,582	1,350,897	1,240,685	91.8	60,010,807	30,430,585	30,180,222	99.2	44,762,138	12,191,897	32,570,741	267.2
Oregon.....	1,242,300	1,222,648	19,652	1.6	26,343,230	23,225,515	3,117,715	13.4	17,860,136	9,271,500	8,588,636	92.6
California.....	1,970,492	4,004,254	-2,033,762	-50.8	39,105,917	69,085,920	-29,980,012	-43.4	28,039,826	33,674,733	-5,634,907	-16.7

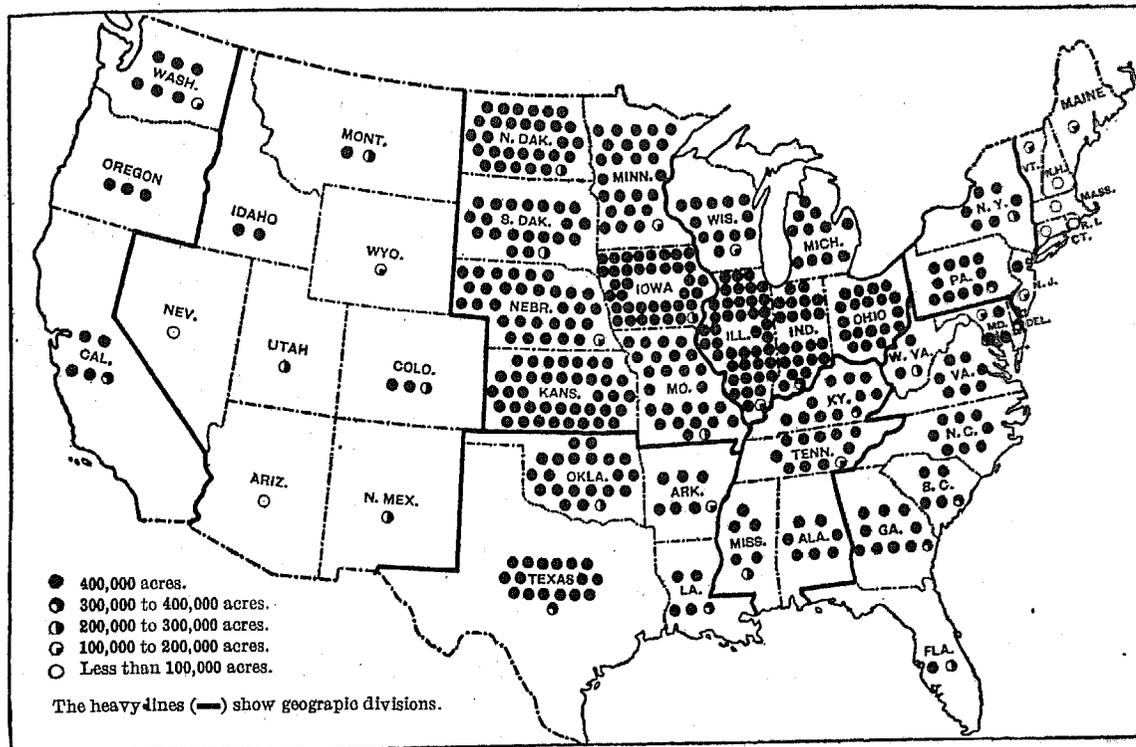
1 Includes Indian Territory.

The greatest increases for individual states were those for North Dakota, 6,276,767 acres; Oklahoma, 3,816,834 acres; Kansas, 2,311,729 acres; South Dakota, 1,992,296 acres; Washington, 1,240,685 acres; and Colorado, 532,606 acres. On the other hand, the greatest decreases in cereal acreage between 1899 and 1909 took place in California, where the loss was 2,033,762 acres; Iowa, 1,879,056 acres; Minnesota, 1,067,219 acres; Tennessee, 918,681 acres; Kentucky,

761,827 acres; Ohio, 565,087 acres; North Carolina, 543,194 acres; and New York, 522,616 acres.

The increases or decreases in the production of all cereals combined in the several states do not always correspond with those in the acreage, but for reasons already indicated the former are, in general, of less significance in showing the tendencies of agriculture than the latter. Twenty-one states reported a smaller production in 1909 than in 1899.

ALL CEREALS—ACREAGE, BY STATES: 1909.



The only state reporting a decrease in the value of cereals produced in 1909 as compared with 1899 was California. The greatest absolute increase, \$132,739,000, was reported for the state of Illinois, and that in spite of the fact that both the acreage and the production in that state decreased during the decade. The greatest increases for any group of states were reported for the two North Central divisions, every state in the West North Central reporting an increase of more than \$50,000,000, and North Dakota reporting an increase of \$109,007,000. Of the Southern states, Oklahoma reported the greatest increase in the value of cereals, \$43,687,000, and Georgia and Kentucky each reported increases of over \$20,000,000. The Western states for the most part show very high percentages of increase, but among them only Washington, Idaho, and Colorado reported increases of over \$10,000,000; the increase in Wyoming (419.3 per cent) represented the highest percentage for any state.

of the cereal crops. Table 3 gives, for the United States and for each geographic division and section, the percentage of the total acreage of cereals occupied by each individual crop in 1909.

Table 3

DIVISION OR SECTION.	PER CENT OF TOTAL CEREAL ACREAGE (1909) IN—							
	All cereals.	Corn.	Wheat	Oats.	Barley.	Rye.	Buck-wheat. All other.	
United States . . .	100.0	51.4	23.1	18.4	4.0	1.1	0.5	1.5
New England . . . . .	100.0	38.9	1.0	47.6	8.5	2.8	6.1	( <sup>1</sup> )
Middle Atlantic . . . . .	100.0	29.1	21.5	33.9	1.2	6.4	8.0	( <sup>1</sup> )
East North Central . . . . .	100.0	51.8	16.6	26.5	2.4	2.3	0.3	( <sup>1</sup> )
West North Central . . . . .	100.0	42.9	30.9	18.8	5.7	0.6	( <sup>1</sup> )	1.1
South Atlantic . . . . .	100.0	74.5	14.7	9.0	0.1	1.0	0.6	0.2
East South Central . . . . .	100.0	83.4	9.7	6.4	( <sup>1</sup> )	0.4	( <sup>1</sup> )	( <sup>1</sup> )
West South Central . . . . .	100.0	76.6	8.0	6.6	0.1	( <sup>1</sup> )	( <sup>1</sup> )	8.8
Mountain . . . . .	100.0	13.8	38.3	34.7	9.3	1.0	( <sup>1</sup> )	2.9
Pacific . . . . .	100.0	1.6	57.9	13.8	25.4	0.4	( <sup>1</sup> )	0.8
The North . . . . .	100.0	45.0	25.8	22.2	4.4	1.4	0.6	0.7
The South . . . . .	100.0	77.9	10.6	7.3	0.1	0.4	0.2	3.6
The West . . . . .	100.0	6.1	50.7	21.5	19.5	0.6	( <sup>1</sup> )	1.5
East of the Mississippi . . . . .	100.0	59.4	15.4	20.5	1.4	2.1	1.1	( <sup>1</sup> )
West of the Mississippi . . . . .	100.0	45.8	28.5	16.9	5.8	0.5	( <sup>1</sup> )	2.5

<sup>1</sup> Less than one-tenth of 1 per cent.

Relative importance of different cereals: 1909.—While the cereals will later be discussed individually, it is of interest to consider here the relative importance

Corn is by far the most important cereal in the United States as a whole and in each of the principal

cereal producing divisions; that is, in the four Central and the South Atlantic divisions. In New England and the Middle Atlantic states, however, oats are more important than corn, and in the two western divisions wheat is the leading cereal. In acreage, oats rank second among the cereals in the East North Central and Mountain divisions, and wheat second in the West North Central and the southern divisions.

Barley is a relatively unimportant cereal in all of the divisions except the Pacific, in which it occupied more than one-fourth (25.4 per cent) of the total acreage of cereals and ranks second to wheat in importance. Rye does not figure as a cereal of the first rank in any division, forming only 6.4 per cent of the total acreage of cereals in the Middle Atlantic division and a much lower percentage in every other division. Buckwheat occupied only 0.5 per cent of the total acreage of cereals in the United States, but the acreage was 8 per cent and 6.1 per cent, respectively, in the Middle Atlantic and New England divisions. The cereals included in the column headed "all other" are emmer and spelt, kafir corn, and rice; the two last-named are of some importance in the West South Central division, and these miscellaneous cereals occupied 8.8 per cent of the cereal acreage in that division in 1909.

Table 4 shows the distribution of the acreage of each particular cereal crop in 1909, by geographic divisions and sections.

DIVISION OR SECTION.	All cereals.	Corn.	Wheat.	Oats.	Barley.	Rye.	Buckwheat.
United States.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
New England.....	0.2	0.2	( <sup>1</sup> )	0.6	0.2	0.9	3.3
Middle Atlantic.....	3.9	2.2	3.6	7.2	1.1	21.5	37.4
East North Central.....	22.1	22.3	15.0	31.9	13.1	44.1	15.9
West North Central.....	43.7	38.5	58.4	44.7	61.9	21.4	3.0
South Atlantic.....	8.0	11.6	5.1	3.9	0.2	7.2	9.7
East South Central.....	7.1	11.5	3.0	2.5	0.1	2.3	0.5
West South Central.....	10.2	15.2	3.5	3.6	0.2	0.3	( <sup>1</sup> )
Mountain.....	1.8	0.5	2.0	3.3	4.1	1.5	( <sup>1</sup> )
Pacific.....	3.0	0.1	7.6	2.3	19.2	1.2	0.1
The North.....	70.0	61.2	78.0	84.4	76.3	87.7	39.6
The South.....	25.3	38.2	11.9	10.0	0.5	9.7	10.2
The West.....	4.8	0.6	10.5	5.6	23.2	2.6	0.2
East of the Mississippi.....	41.3	47.7	27.0	46.1	14.7	75.7	99.9
West of the Mississippi.....	58.7	52.3	72.4	53.9	85.3	24.3	3.1

<sup>1</sup> Less than one-tenth of 1 per cent.

The West North Central division led in the acreage of corn, wheat, oats, and barley, while in the acreage of rye the East North Central and in that of buckwheat the Middle Atlantic states predominated.

The North was most important in the acreage of every cereal in 1909, but the predominance of this section was less pronounced in the acreage of corn than in that of any other cereal. The South contained nearly two-fifths of the acreage of corn and about one-tenth of that of wheat, oats, rye, and buckwheat. The West contained only 4.8 per cent of the total acreage of cereals, but it had nearly one-fourth of the acreage of barley and about one-tenth of that of wheat.

The section west of the Mississippi contained somewhat more than one-half of the acreage of corn and of oats, nearly three-fourths of that in wheat and about five-sixths of that in barley, while more than three-fourths of the acreage of rye and 96.9 per cent of that in buckwheat was found in the section east of the Mississippi.

The proportion which the value of each cereal crop formed of the value of the total cereal production is shown for the United States and for the geographic divisions and sections in Table 5.

DIVISION OR SECTION.	All cereals.	Corn.	Wheat.	Oats.	Barley.	Rye.	Buckwheat.	All other.
United States.....	100.0	54.0	24.7	15.6	3.5	0.8	0.4	1.2
New England.....	100.0	52.1	1.1	37.8	3.2	1.9	3.8	( <sup>1</sup> )
Middle Atlantic.....	100.0	36.9	25.7	26.9	1.1	4.0	5.4	( <sup>1</sup> )
East North Central.....	100.0	59.4	16.7	20.4	2.1	1.2	0.2	( <sup>1</sup> )
West North Central.....	100.0	46.2	38.4	14.9	4.3	0.4	( <sup>1</sup> )	0.8
South Atlantic.....	100.0	76.0	14.8	0.9	0.1	0.6	0.4	0.4
East South Central.....	100.0	86.8	9.1	3.8	( <sup>1</sup> )	0.2	( <sup>1</sup> )	( <sup>1</sup> )
West South Central.....	100.0	73.4	8.9	0.5	0.1	( <sup>1</sup> )	( <sup>1</sup> )	11.1
Mountain.....	100.0	8.1	45.7	34.6	9.8	0.5	( <sup>1</sup> )	1.3
Pacific.....	100.0	2.0	57.7	14.9	24.3	0.3	( <sup>1</sup> )	0.8
The North.....	100.0	50.6	26.5	17.8	3.3	0.9	0.4	0.4
The South.....	100.0	78.7	11.0	5.8	0.1	0.3	0.1	4.0
The West.....	100.0	4.3	53.0	22.5	18.7	0.4	( <sup>1</sup> )	1.0
East of Mississippi River.....	100.0	63.7	16.1	16.7	1.4	1.3	0.7	0.1
West of Mississippi River.....	100.0	45.6	32.1	14.6	5.2	0.3	( <sup>1</sup> )	2.2

<sup>1</sup> Less than one-tenth of 1 per cent.

Of the total value of all cereals produced in 1909 more than one-half (54 per cent) was the value of corn, about one-fourth (24.7 per cent) the value of wheat, and somewhat less than one-sixth (15.6 per cent) that of oats, while the other cereals constituted small proportions of the total. The differences between the divisions in this respect are similar to those in proportion of acreage, and do not call for detailed comment.

**Acreage and production of cereals: 1879-1909.**—Table 6 gives, for the United States as a whole, the acreage of the cereal group as a whole and of the several cereal crops, as reported at each census from 1879 to 1909.

CROP.	1909	1899	1889	1879
All cereals.....	101,395,963	184,982,220	140,378,857	118,805,952
Corn.....	98,382,065	94,913,673	72,087,752	62,368,604
Oats.....	35,159,441	29,539,698	28,320,677	16,144,563
Wheat.....	44,262,592	52,588,574	33,579,514	35,430,333
Barley.....	7,698,706	4,470,196	3,220,834	1,997,727
Buckwheat.....	878,048	807,060	837,164	848,389
Rye.....	2,195,561	2,054,292	2,171,604	1,842,233
Rice (rough).....	610,175	342,214	161,312	174,178
Emmer and spelt.....	573,622	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Kafir corn and milo maize.....	1,635,153	266,513	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Not reported separately.

Between 1879 and 1909 the acreage planted to cereals increased from 118,805,952 to 191,395,963, a gain of 72,590,011 acres, or 61.1 per cent. The population of the United States increased 83.4 per cent between 1880 and 1910. The increase in cereal acreage was not at all evenly distributed over the 30-year period, the absolute increase between 1889 and 1899

being double that of the preceding decade and about seven times that of the last decade.

Table 7 shows, for the United States as a whole, the production of all cereals combined and of the several cereals at each census from 1879 to 1909.

CROP.	PRODUCTION IN THE UNITED STATES (BUSHEL).			
	1909	1899	1889	1879
All cereals.....	4,512,564,465	4,438,857,013	3,523,442,477	2,701,541,789
Corn.....	2,552,189,630	2,606,324,370	2,122,327,547	1,754,591,676
Oats.....	1,007,142,980	943,389,375	809,250,666	407,858,999
Wheat.....	683,379,259	658,534,252	468,373,968	459,483,137
Barley.....	173,344,212	119,634,877	78,332,976	43,997,495
Buckwheat.....	14,849,332	11,233,515	12,110,349	11,817,327
Rye.....	29,520,457	25,568,625	28,421,398	19,831,595
Rice (rough).....	21,838,580	9,002,886	4,625,573	3,961,560
Emmer and spelt.....	12,702,710	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Kafir corn and milo maize.....	17,597,305	5,169,113	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Not reported separately.

The figures shown above for the censuses previous to 1909 do not agree with those published in earlier reports, for the reason that in reducing pounds of cleaned rice to bushels of rough rice, to obtain the total production, in bushels, of cereals in the United States, 60 was used as a divisor, when as a matter of fact the standard weight of 1 bushel of rough rice is

but 45 pounds, and this when hulled weighs only 27.8 pounds. This latter figure should be used in reducing to bushels the pounds of rice shown in the earlier census reports.

The total production of cereal crops increased from 2,701,542,000 bushels in 1879 to 4,512,564,000 in 1909; the increases, however, were largely confined to the first two decades, the increase in the last decade being comparatively insignificant.

The changes in the production of the several cereals and their relation to weather conditions will be discussed in the sections of this chapter devoted to the individual cereals.

Table 8 gives the acreage and production of all cereals combined at each census from 1879 to 1909, by divisions and states.

Table 9 shows the per cent distribution of the acreage and production of cereals together with the rank of the divisions and states for each census from 1879 to 1909 and 1859 to 1909, respectively.

Table 10 gives the proportion of the aggregate cereal acreage occupied by each individual cereal, by divisions and states, for each census from 1879 to 1909, with a corresponding distribution of the value in 1909.

## CEREALS—ACREAGE AND PRODUCTION OF ALL CEREALS, BY DIVISIONS AND STATES: 1879 TO 1909.

Table 8 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).			
	1909	1899	1889	1879	1909	1899	1889	1879
United States.....	191,395,963	184,982,220	140,378,857	118,805,952	4,512,564,465	4,438,857,013	3,523,442,477	2,701,541,789
GEOGRAPHIC DIVISIONS:								
New England.....	468,617	505,327	580,011	746,128	16,972,973	17,447,477	17,541,318	20,910,468
Middle Atlantic.....	7,430,170	8,452,125	8,289,340	9,167,712	182,950,097	213,777,362	199,976,952	214,764,388
East North Central.....	42,305,757	43,553,749	36,528,782	36,008,676	1,382,640,124	1,371,560,131	1,062,300,097	1,000,456,155
West North Central.....	83,705,743	75,771,149	64,055,233	84,146,067	1,936,411,107	1,877,640,669	1,571,265,894	914,664,049
South Atlantic.....	15,282,740	16,984,662	14,790,108	15,575,701	231,040,725	220,394,303	186,120,506	184,656,874
East South Central.....	13,575,676	15,601,376	13,203,780	13,775,578	237,766,717	251,846,755	239,142,519	218,661,688
West South Central.....	19,468,212	15,019,053	7,018,788	5,575,140	300,793,487	326,732,734	141,676,267	75,267,754
Mountain.....	3,354,674	1,636,980	770,687	479,342	88,920,191	36,715,523	16,415,057	10,109,172
Pacific.....	5,804,374	6,577,799	5,142,128	3,331,808	126,059,954	122,742,029	89,003,867	62,661,241
NEW ENGLAND:								
Maine.....	169,616	166,896	171,777	187,013	5,395,168	5,201,655	4,888,734	4,543,206
New Hampshire.....	32,928	42,385	61,498	88,559	1,355,965	1,677,225	2,116,029	2,743,796
Vermont.....	134,611	100,127	185,004	210,065	4,351,407	5,708,140	5,916,782	6,789,786
Massachusetts.....	55,207	53,385	93,376	104,631	2,402,788	1,894,036	1,907,839	2,819,656
Rhode Island.....	12,112	10,552	12,661	19,575	450,384	350,110	372,396	564,580
Connecticut.....	74,083	72,032	85,095	130,285	3,008,251	2,526,312	2,339,938	3,449,451
MIDDLE ATLANTIC:								
New York.....	2,002,461	3,125,077	3,239,466	3,060,834	69,239,218	80,413,095	78,272,587	89,741,380
New Jersey.....	503,651	588,863	601,357	773,375	14,035,521	15,553,475	14,287,404	18,182,586
Pennsylvania.....	4,324,058	4,738,195	4,448,517	4,724,503	99,675,358	117,810,192	107,416,961	106,840,422
EAST NORTH CENTRAL:								
Ohio.....	7,649,873	8,214,960	6,785,280	6,857,550	247,740,768	245,957,855	191,818,162	188,933,077
Indiana.....	8,762,732	8,471,709	7,341,404	6,972,291	281,488,700	249,445,647	178,881,244	179,142,318
Illinois.....	10,536,467	10,769,010	14,191,410	14,461,674	580,954,423	600,107,378	468,643,860	444,622,350
Michigan.....	4,415,029	4,721,126	3,891,086	3,380,861	121,862,638	105,359,403	95,954,009	88,097,064
Wisconsin.....	4,951,066	5,376,944	4,319,002	4,327,294	150,584,600	170,689,848	127,002,822	99,661,326
WEST NORTH CENTRAL:								
Minnesota.....	10,139,850	11,207,069	6,207,044	4,234,187	259,148,531	242,853,903	137,590,535	76,044,895
Iowa.....	15,041,039	16,920,095	12,500,890	11,490,795	489,803,118	503,978,358	483,198,008	362,487,131
Missouri.....	10,255,476	10,423,745	9,724,201	8,080,551	240,786,298	252,772,272	267,305,096	248,768,085
North Dakota.....	11,887,141	5,610,374	3,235,345	1,453,238	217,246,073	90,430,440	33,939,074	17,352,589
South Dakota.....	8,203,519	6,211,323	3,701,604	(*)	174,903,749	101,194,100	38,141,603	(*)
Nebraska.....	12,540,049	12,071,703	7,961,969	3,502,146	285,078,947	297,865,366	273,337,889	88,039,613
Kansas.....	15,038,669	13,320,940	10,574,180	5,776,150	263,443,681	298,540,254	337,753,689	131,971,726
SOUTH ATLANTIC:								
Delaware.....	309,288	318,772	289,650	308,006	6,648,544	6,775,575	4,991,025	5,460,377
Maryland.....	1,329,201	1,368,265	1,239,428	1,378,270	29,183,197	30,985,936	25,704,098	26,199,100
District of Columbia.....	462	543	555	1,884	13,232	10,300	13,845	47,296
Virginia.....	2,841,114	3,106,332	2,892,995	3,293,815	50,283,074	49,470,178	41,251,273	42,753,774
West Virginia.....	1,038,931	1,307,428	1,151,578	1,133,821	22,116,677	23,152,668	20,554,325	20,409,044
North Carolina.....	3,250,870	3,704,064	3,039,826	3,531,417	41,117,292	42,090,432	35,001,203	35,789,315
South Carolina.....	1,955,695	2,251,050	1,810,676	1,822,453	27,493,754	22,834,720	18,566,419	17,361,559
Georgia.....	3,906,703	4,150,386	3,335,791	3,689,519	46,530,619	39,372,927	35,745,404	32,943,891
Florida.....	650,480	607,322	423,000	411,510	7,648,336	5,695,567	4,142,914	3,692,515
EAST SOUTH CENTRAL:								
Kentucky.....	4,323,702	5,085,529	4,556,098	4,695,230	94,836,975	92,422,566	98,511,733	89,953,452
Tennessee.....	4,136,647	5,055,328	4,288,082	4,010,002	79,148,649	82,095,132	79,527,869	75,037,844
Alabama.....	2,844,824	3,088,454	2,515,283	2,653,424	34,072,032	37,610,914	33,546,806	30,083,788
Mississippi.....	2,270,593	2,372,005	1,844,317	1,816,922	29,709,061	39,718,143	27,556,111	23,586,624
WEST SOUTH CENTRAL:								
Arkansas.....	2,564,898	2,980,684	2,080,212	1,672,446	42,655,839	50,527,455	39,140,368	27,670,841
Louisiana.....	1,938,357	1,573,759	940,071	813,291	37,273,196	28,594,874	16,101,512	10,959,689
Oklahoma.....	8,248,653	* 4,431,819	19,883	(*)	129,816,483	* 100,318,082	341,848	(*)
Texas.....	6,716,304	6,932,791	3,969,622	3,089,403	100,047,969	147,291,423	86,092,539	36,627,224
MOUNTAIN:								
Montana.....	635,807	254,231	77,162	43,925	21,239,157	7,599,180	2,168,665	1,417,089
Idaho.....	847,138	369,788	98,175	44,477	26,528,174	8,394,800	2,036,655	1,293,324
Wyoming.....	186,947	50,528	21,815	1,069	4,523,310	1,195,775	502,085	27,264
Colorado.....	1,057,905	525,209	351,086	116,121	22,322,328	10,501,528	7,259,621	2,648,573
New Mexico.....	218,037	96,402	61,340	104,481	2,975,383	1,653,102	1,157,383	1,547,247
Arizona.....	75,269	53,958	22,701	23,277	1,878,960	1,147,262	470,058	410,788
Utah.....	298,613	255,099	122,878	116,495	8,296,625	5,381,125	2,395,744	1,977,388
Nevada.....	34,958	31,076	15,530	29,497	1,105,254	842,751	424,846	782,519
PACIFIC:								
Washington.....	2,591,582	1,350,897	500,671	130,937	60,610,807	30,430,585	10,063,779	4,108,370
Oregon.....	1,242,300	1,222,648	828,706	632,871	26,343,230	23,225,515	16,423,768	12,933,019
California.....	1,970,492	4,004,254	3,812,751	2,561,800	39,105,017	69,085,929	62,516,320	45,019,827

\* Includes South Dakota.

\* Included in North Dakota.

\* Includes Indian Territory.

\* Not reported.

INDIVIDUAL CROPS.

CEREALS—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

**Table 9**  
DIVISION OR STATE.

DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN ACREAGE.				RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859
<b>United States</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>GEOGRAPHIC DIVISIONS:</b>																				
New England.....	0.2	0.2	0.3	0.7	0.4	0.4	0.5	0.8	1.5	2.0	9	9	9	8	9	9	8	8	8	7
Middle Atlantic.....	3.9	4.6	5.9	7.7	4.1	4.8	5.7	7.9	13.8	14.2	6	6	5	5	6	6	4	4	3	4
East North Central.....	22.1	23.6	26.0	30.3	30.6	30.9	30.1	37.0	37.7	33.9	2	2	2	1	2	2	1	1	1	1
West North Central.....	43.7	40.9	38.5	28.8	42.9	42.3	44.6	33.9	20.7	12.4	1	1	1	2	1	1	1	2	2	5
South Atlantic.....	8.0	9.1	10.6	13.2	5.1	5.0	5.3	6.8	9.5	15.5	4	3	3	3	5	5	5	5	5	3
East South Central.....	7.1	8.4	9.4	11.5	5.3	5.7	6.8	8.1	10.9	16.3	5	5	4	4	4	4	3	3	4	2
West South Central.....	10.2	8.6	5.0	4.7	6.9	7.4	4.0	2.8	3.2	4.5	3	4	6	6	3	3	6	6	6	6
Mountain.....	1.8	0.8	0.6	0.3	2.0	0.8	0.5	0.4	0.3	0.1	8	8	8	9	8	8	9	9	9	9
Pacific.....	3.0	3.6	3.7	2.8	2.8	2.8	2.5	2.3	2.4	1.1	7	7	7	7	7	7	7	7	7	8
<b>NEW ENGLAND:</b>																				
Maine.....	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.4	0.5	41	39	36	33	39	40	35	32	29	27
New Hampshire.....	(1)	(1)	(1)	0.1	(1)	(1)	0.1	0.1	0.2	0.3	47	46	42	40	46	43	40	37	33	31
Vermont.....	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.5	0.5	42	40	35	32	41	37	33	30	28	26
Massachusetts.....	(1)	(1)	(1)	0.1	0.1	(1)	0.1	0.1	0.2	0.3	45	44	41	38	44	42	42	36	34	30
Rhode Island.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1	48	48	48	45	48	48	47	44	41	36
Connecticut.....	(1)	(1)	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.4	44	42	39	35	42	41	38	35	32	29
<b>MIDDLE ATLANTIC:</b>																				
New York.....	1.4	1.7	2.3	3.1	1.5	1.8	2.2	3.3	5.6	6.3	22	22	19	13	18	18	15	10	7	6
New Jersey.....	0.3	0.3	0.4	0.6	0.3	0.4	0.4	0.7	1.2	1.5	36	33	30	27	35	32	30	25	22	21
Pennsylvania.....	2.3	2.6	3.2	4.0	2.2	2.7	3.0	4.0	7.0	6.4	15	15	10	7	15	11	10	7	5	5
<b>EAST NORTH CENTRAL:</b>																				
Ohio.....	4.0	4.4	4.8	5.8	5.5	5.5	5.4	7.0	8.9	8.7	11	8	7	5	7	7	6	4	2	2
Indiana.....	4.6	4.6	5.2	5.9	6.2	5.6	5.1	6.6	6.4	7.6	8	7	6	4	4	6	7	5	6	3
Illinois.....	8.6	9.1	10.1	12.2	12.9	13.5	13.3	16.5	15.0	12.6	1	2	1	1	1	1	2	1	1	1
Michigan.....	2.3	2.6	2.8	2.8	2.7	2.4	2.7	3.3	2.9	2.1	14	16	14	16	13	12	12	11	11	16
Wisconsin.....	2.6 <sup>1</sup>	2.9	3.1	3.6	3.3	3.8	3.6	3.7	4.6	2.9	13	12	11	10	11	9	9	8	8	12
<b>WEST NORTH CENTRAL:</b>																				
Minnesota.....	5.3	6.1	4.5	3.6	5.7	5.5	3.9	2.8	2.6	0.6	7	5	8	11	6	8	8	13	12	24
Iowa.....	7.9	9.1	9.0	9.7	10.9	13.4	13.7	13.4	8.8	4.6	3	1	2	2	2	2	1	2	3	10
Missouri.....	5.4	5.6	6.9	7.3	5.5	5.7	7.6	9.2	7.0	6.5	6	6	4	3	8	5	5	3	4	4
North Dakota.....	6.2	3.0	2.3	2.4	4.8	2.0	1.0	2.3	(1)	(1)	5	11	20	29	9	16	22	29	42	40
South Dakota.....	4.3	3.4	2.6	(2)	3.9	2.3	1.1	(2)	.....	.....	10	10	16	(2)	10	13	19	(2)	.....	.....
Nebraska.....	6.6	6.5	5.7	2.9	6.3	6.7	7.8	3.3	0.6	0.1	4	4	5	15	3	4	4	12	26	34
Kansas.....	8.2	7.2	7.5	4.9	5.8	6.7	9.6	4.9	1.7	0.5	2	3	3	6	5	3	3	6	16	25
<b>SOUTH ATLANTIC:</b>																				
Delaware.....	0.2	0.2	0.2	0.3	0.1	0.2	0.1	0.2	0.3	0.5	37	36	34	31	38	36	34	31	31	28
Maryland.....	0.7	0.7	0.9	1.2	0.6	0.7	0.7	1.0	1.5	1.9	29	28	26	24	28	26	25	22	19	17
District of Columbia.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	49	49	49	46	49	49	49	46	46	39
Virginia.....	1.5	1.7	2.1	2.8	1.1	1.1	1.2	1.6	2.3	5.1	21	21	21	17	20	21	17	16	13	8
West Virginia.....	0.5	0.7	0.8	1.0	0.5	0.5	0.6	0.8	1.0	.....	32	30	27	25	33	30	26	24	24	.....
North Carolina.....	1.7	2.1	2.6	3.0	0.9	0.9	1.0	1.3	1.8	3.1	19	20	17	14	23	22	21	18	15	11
South Carolina.....	1.0	1.2	1.3	1.5	0.6	0.5	0.5	0.6	0.7	1.7	27	26	25	21	29	31	27	26	25	18
Georgia.....	2.0	2.2	2.4	3.1	1.0	0.9	1.0	1.2	1.6	2.9	18	18	18	12	21	24	20	19	17	13
Florida.....	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.2	0.2	34	32	32	30	37	38	36	34	35	32
<b>EAST SOUTH CENTRAL:</b>																				
Kentucky.....	2.3	2.7	3.2	3.9	2.1	2.1	2.8	3.3	4.6	6.2	16	13	9	8	16	15	11	9	9	7
Tennessee.....	2.2	2.7	3.1	3.9	1.8	1.8	2.3	2.8	3.8	4.8	17	14	12	9	17	17	14	14	10	9
Alabama.....	1.5	1.7	1.8	2.2	0.8	0.9	1.0	1.1	1.4	2.8	20	23	22	19	26	25	23	20	20	14
Mississippi.....	1.2	1.3	1.3	1.5	0.7	0.9	0.8	0.9	1.2	2.4	25	25	24	22	27	23	24	23	21	15
<b>WEST SOUTH CENTRAL:</b>																				
Arkansas.....	1.3	1.6	1.5	1.4	0.9	1.1	1.1	1.0	1.1	1.6	24	24	23	23	22	20	18	21	23	19
Louisiana.....	1.0	0.9	0.7	0.7	0.8	0.6	0.5	0.4	0.6	1.4	28	27	28	26	25	28	29	28	27	22
Oklahoma.....	4.3	2.4	(1)	.....	2.9	2.3	(1)	.....	.....	.....	9	17	46	.....	12	14	48	.....	.....	.....
Texas.....	3.5	3.7	2.8	2.6	2.2	3.3	2.4	1.4	1.6	1.5	12	9	13	18	14	10	13	17	18	20
<b>MOUNTAIN:</b>																				
Montana.....	0.3	0.1	0.1	(1)	0.5	0.2	0.1	0.1	(1)	.....	35	38	40	42	34	35	39	41	43	.....
Idaho.....	0.4	0.2	0.1	(1)	0.6	0.2	0.1	(1)	(1)	.....	33	35	38	41	30	34	41	42	44	.....
Wyoming.....	0.1	(1)	(1)	(1)	0.1	(1)	(1)	(1)	(1)	.....	40	45	45	47	40	45	44	47	47	.....
Colorado.....	0.6	0.3	0.3	0.1	0.5	0.2	0.2	0.1	0.1	.....	31	34	33	37	32	33	32	38	37	.....
New Mexico.....	0.1	0.1	(1)	0.1	0.1	(1)	(1)	0.1	0.1	0.1	39	41	43	39	43	44	43	40	36	35
Arizona.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	.....	43	43	44	44	45	46	45	45	45	.....
Utah.....	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	(1)	38	37	37	36	36	39	37	39	38	37
Nevada.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	.....	46	47	47	43	47	47	46	43	39	41
<b>PACIFIC:</b>																				
Washington.....	1.4	0.7	0.4	0.1	1.3	0.7	0.3	0.2	(1)	(1)	23	29	31	34	19	27	31	33	40	38
Oregon.....	0.6	0.7	0.6	0.5	0.6	0.5	0.5	0.5	0.3	0.1	30	31	29	28	31	29	28	27	30	33
California.....	1.0	2.2	2.7	2.2	0.9	1.6	1.8	1.7	2.0	1.0	26	19	15	20	24	19	16	15	14	23

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes South Dakota.

<sup>3</sup> See North Dakota.

<sup>4</sup> Includes Indian Territory.

CEREALS—PER CENT DISTRIBUTION OF ACREAGE OF ALL CEREALS AMONG THE DIFFERENT CEREALS, 1879  
1909, BY DIVISIONS

Table 10		PER CENT OF ACREAGE OF ALL CEREALS IN—															
		Corn.				Oats.				Wheat.				Barley.			
		1900	1899	1889	1879	1900	1899	1889	1879	1900	1899	1889	1879	1900	1899	1889	1879
I United States.....		51.4	51.3	51.4	52.5	18.4	16.0	20.2	13.6	23.1	28.4	23.9	29.8	4.0	2.4	2.3	1.7
GEOGRAPHIC DIVISIONS:																	
2	New England.....	38.0	30.3	27.4	32.6	47.6	42.1	50.4	36.3	1.0	1.8	2.6	10.6	3.5	4.7	6.2	4.0
3	Middle Atlantic.....	20.1	28.8	24.3	27.2	33.0	30.5	34.4	28.8	21.5	26.1	23.0	25.4	1.2	1.4	4.5	4.2
4	East North Central.....	51.8	49.0	45.9	49.8	26.5	23.2	24.4	13.8	16.6	23.9	25.5	33.8	2.4	1.5	1.8	1.1
5	West North Central.....	42.0	46.0	52.0	52.1	18.8	16.0	20.3	11.3	30.9	33.1	24.5	34.5	5.7	3.0	2.2	1.1
6	South Atlantic.....	74.5	70.9	65.1	62.3	9.0	7.5	14.9	14.3	14.7	19.0	18.1	20.8	0.1	(1)	(1)	1.1
7	East South Central.....	83.4	75.1	72.6	69.3	6.4	5.5	13.0	10.1	9.7	19.1	13.8	19.3	(1)	(1)	(1)	(1)
8	West South Central.....	70.6	70.2	79.5	80.9	6.6	9.2	12.1	7.7	8.0	18.4	7.1	10.4	0.1	0.1	0.1	0.2
9	Mountain.....	13.8	9.8	21.1	16.6	34.7	25.2	27.8	20.1	38.3	57.6	42.8	50.3	9.3	6.8	7.0	0.1
10	Pacific.....	1.6	1.2	1.8	2.4	13.8	8.2	6.0	7.2	57.9	70.6	73.2	70.8	25.4	18.4	17.6	18.6
NEW ENGLAND:																	
11	Maine.....	9.5	10.1	6.3	16.6	75.8	65.1	70.8	42.1	2.1	4.0	2.4	23.4	2.6	5.3	7.0	5.9
12	New Hampshire.....	60.2	60.7	38.6	41.4	33.0	29.7	43.3	33.3	0.2	0.7	3.3	12.7	2.6	3.8	8.0	3.9
13	Vermont.....	31.9	37.9	22.6	26.3	53.1	45.8	54.9	47.4	0.5	1.1	4.5	9.0	7.9	7.6	8.9	5.0
14	Massachusetts.....	75.6	73.3	53.7	50.2	14.3	12.6	22.6	10.8	0.2	0.2	0.2	0.9	0.6	1.2	2.8	3.0
15	Rhode Island.....	79.9	77.2	61.8	60.8	14.3	14.5	28.8	28.5	0.1	0.2	0.1	0.1	1.5	2.1	2.9	3.6
16	Connecticut.....	71.2	66.5	47.2	40.0	13.8	13.7	28.5	26.9	0.8	0.5	0.5	1.6	0.2	0.2	0.3	0.4
MIDDLE ATLANTIC:																	
17	New York.....	19.7	21.1	15.2	21.2	50.0	42.5	43.8	34.4	11.1	17.8	14.3	20.1	3.1	3.6	10.8	9.7
18	New Jersey.....	52.7	50.1	44.5	44.5	14.3	12.0	20.2	17.8	16.6	22.5	20.2	19.4	(1)	0.1	(1)	(1)
19	Pennsylvania.....	31.9	31.2	28.2	29.1	26.5	24.8	29.4	26.2	28.3	32.0	29.6	30.6	0.2	0.2	0.5	0.5
EAST NORTH CENTRAL:																	
20	Ohio.....	51.2	46.0	47.0	47.9	23.4	13.6	17.9	13.3	23.0	39.1	33.5	37.3	0.3	0.4	0.5	0.8
21	Indiana.....	56.0	53.1	48.0	52.8	19.1	12.0	15.0	8.9	23.8	34.2	35.0	37.6	0.1	0.1	0.1	0.2
22	Illinois.....	60.7	61.2	55.4	62.4	25.3	27.3	27.3	13.5	13.2	10.9	15.8	22.3	0.4	0.1	0.3	0.4
23	Michigan.....	38.0	31.8	25.6	27.1	32.4	21.6	27.9	15.8	18.2	40.8	38.6	53.8	2.1	0.9	2.5	1.6
24	Wisconsin.....	20.4	27.0	25.9	23.5	43.7	44.0	37.7	22.1	2.8	10.4	17.2	45.0	16.5	10.3	11.0	4.7
WEST NORTH CENTRAL:																	
25	Minnesota.....	10.8	12.9	14.3	10.4	20.4	10.6	25.1	14.6	32.3	58.5	53.6	71.9	15.5	7.8	5.7	2.7
26	Iowa.....	61.4	57.0	60.4	57.6	30.0	27.8	29.9	13.1	3.5	10.0	4.7	26.5	3.8	3.7	4.1	1.7
27	Missouri.....	69.4	71.2	62.5	64.3	10.5	8.8	17.2	11.1	19.7	19.8	20.0	23.9	0.1	(1)	(1)	0.1
28	North Dakota.....	1.6	1.1	0.4	20.0	18.1	13.9	12.5	17.3	68.9	70.4	83.7	58.5	10.2	5.1	3.4	2.6
29	South Dakota.....	24.8	19.3	20.4	(1)	19.0	11.1	15.7	(1)	39.2	64.2	61.1	(1)	13.6	4.8	2.6	(1)
30	Nebraska.....	57.0	60.8	68.8	46.6	18.9	15.9	18.9	7.1	21.2	21.0	10.0	42.0	0.9	0.8	1.1	3.3
31	Kansas.....	51.9	62.0	69.2	59.2	6.0	6.8	13.8	7.6	38.2	28.5	15.0	32.2	1.1	0.9	0.1	0.4
SOUTH ATLANTIC:																	
32	Delaware.....	61.0	60.2	60.3	65.0	1.4	1.6	6.7	5.6	36.0	37.3	32.6	28.4	(1)	(1)	(1)	(1)
33	Maryland.....	48.7	48.1	47.3	48.2	3.7	3.2	8.0	7.3	44.4	46.4	41.2	41.3	0.3	0.1	0.1	(1)
34	District of Columbia.....	64.2	85.1	62.9	54.8	2.9	7.7	11.3	14.1	.....	3.1	5.4	15.1	.....	.....	.....	.....
35	Virginia.....	65.5	60.3	55.3	53.0	7.2	8.7	17.1	17.1	24.4	29.3	25.5	27.3	0.3	0.1	0.1	(1)
36	West Virginia.....	65.1	55.4	51.5	49.9	10.0	7.6	15.7	11.2	20.1	34.3	30.3	34.7	(1)	(1)	(1)	(1)
37	North Carolina.....	75.7	71.7	64.9	65.3	7.0	7.1	14.0	14.2	15.4	19.7	18.3	18.3	(1)	(1)	(1)	(1)
38	South Carolina.....	80.1	78.7	74.1	71.5	16.6	9.9	17.0	14.3	2.2	7.7	6.4	9.4	(1)	(1)	(1)	0.1
39	Georgia.....	80.6	83.8	77.4	68.8	10.5	7.7	15.5	16.6	2.4	7.7	5.9	12.0	(1)	(1)	(1)	(1)
40	Florida.....	93.1	93.8	89.5	87.6	6.0	5.2	9.9	11.7	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
EAST SOUTH CENTRAL:																	
41	Kentucky.....	79.5	65.3	65.0	64.4	4.0	6.2	14.2	8.6	15.8	28.1	19.7	24.7	0.1	(1)	0.1	0.4
42	Tennessee.....	76.1	60.8	65.1	63.0	8.3	4.7	13.7	10.2	15.0	28.2	20.5	25.9	0.1	(1)	0.1	0.1
43	Alabama.....	90.4	88.8	84.0	77.5	9.0	7.0	13.7	12.2	0.5	4.0	1.6	10.0	(1)	(1)	(1)	(1)
44	Mississippi.....	95.7	95.9	92.5	86.4	4.3	3.7	7.2	10.9	(1)	0.3	0.2	2.4	(1)	(1)	(1)	(1)
WEST SOUTH CENTRAL:																	
45	Arkansas.....	88.8	77.8	79.2	77.0	7.7	9.4	13.9	10.0	2.4	12.7	6.8	12.2	(1)	(1)	(1)	(1)
46	Louisiana.....	82.1	85.4	88.2	91.3	1.5	1.8	2.9	3.3	(1)	(1)	(1)	0.2	.....	.....	.....	.....
47	Oklahoma.....	71.7	56.5	66.0	.....	7.4	17.2	22.4	.....	14.2	34.5	10.1	.....	0.1	0.4	0.1	.....
48	Texas.....	76.4	72.4	77.0	70.9	6.6	12.2	13.3	7.7	4.0	14.8	8.9	12.1	0.1	0.1	0.1	0.7
MOUNTAIN:																	
49	Montana.....	1.5	1.3	1.3	0.5	52.4	52.7	68.4	56.2	40.6	36.2	24.3	40.2	4.3	9.0	6.0	3.0
50	Idaho.....	1.1	1.2	1.4	1.3	35.7	17.5	22.4	20.7	47.1	72.0	64.9	49.6	15.6	8.9	10.2	18.6
51	Wyoming.....	5.0	3.9	9.1	.....	66.3	53.2	67.0	76.9	22.4	38.5	21.0	22.5	4.6	2.4	2.2	.....
52	Colorado.....	30.9	16.2	34.0	19.8	26.1	23.0	25.1	19.8	32.2	56.2	36.2	55.7	6.8	4.2	3.4	3.6
53	New Mexico.....	39.4	42.9	46.5	39.7	15.5	16.4	15.2	8.9	14.8	39.3	35.6	49.0	1.0	1.2	2.4	2.4
54	Arizona.....	20.7	21.6	19.1	7.8	7.8	3.0	6.5	0.1	26.0	45.2	27.4	38.8	43.7	30.2	45.5	53.3
55	Utah.....	2.4	4.6	4.7	10.3	27.1	17.0	18.5	18.7	50.8	74.0	68.8	62.3	9.0	3.4	5.2	9.7
56	Nevada.....	1.7	1.9	1.8	1.6	22.5	15.4	22.5	20.1	40.8	59.0	23.4	12.5	34.9	22.7	52.0	65.8
PACIFIC:																	
57	Washington.....	1.0	0.8	1.9	1.5	10.4	9.4	13.0	27.7	81.7	80.5	74.4	59.6	6.6	9.1	10.3	10.7
58	Oregon.....	1.4	1.4	1.5	0.9	27.3	21.4	26.4	24.0	61.4	71.4	66.7	70.3	8.8	5.0	4.6	4.6
59	California.....	2.6	1.4	1.9	2.8	0.8	3.8	1.5	2.0	24.3	67.0	74.5	71.5	60.7	25.7	21.4	22.9

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes South Dakota.

INDIVIDUAL CROPS.

TO 1909, AND PER CENT DISTRIBUTION OF VALUE OF ALL CEREALS AMONG THE DIFFERENT CEREALS IN AND STATES.

PER CENT OF ACREAGE OF ALL CEREALS IN—continued.														PER CENT OF VALUE OF ALL CEREALS, 1909, IN—										
Buckwheat.				Rye.				Rice.				Kafir corn and milo maize.		Emmer and spelt.	Corn.	Oats.	Wheat.	Barley.	Buckwheat.	Rye.	Rice.	Kafir corn and milo maize.	Emmer and spelt.	
1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909										
0.5	0.4	0.6	0.7	1.1	1.1	1.5	1.6	0.3	0.2	0.1	0.1	0.9	0.2	0.3	54.0	15.6	24.7	3.5	0.4	0.8	0.6	0.4	0.2	
1																								
2	6.1	8.5	7.8	7.9	2.8	3.7	5.6	8.6						(1)	52.1	37.8	1.1	3.2	3.8	1.9		(1)	(1)	
3	8.0	6.9	6.1	6.2	6.4	6.6	7.8	8.2						(1)	36.9	26.9	25.7	1.1	5.4	4.0		(1)	(1)	
4	0.3	0.3	0.5	0.3	2.3	1.6	1.9	1.2						(1)	59.4	20.4	16.7	2.1	0.2	1.2		(1)	(1)	
5	(1)	(1)	0.1	0.1	0.6	0.7	0.9	0.7	(1)					0.5	46.2	14.9	33.4	4.3	(1)	0.4	(1)	0.3	0.5	
6	0.6	0.3	0.2	0.4	1.0	0.7	1.2	1.3	0.2	0.8	0.5	0.8		(1)	76.9	6.9	14.8	0.1	0.4	0.6	0.4	(1)	(1)	
7	(1)	(1)	(1)	(1)	0.4	0.2	0.6	0.9	(1)	(1)	(1)	(1)		(1)	86.8	3.8	9.1	(1)	(1)	0.2	(1)	(1)	(1)	
8	(1)	(1)	(1)	(1)	0.1	0.1	0.1	0.1	3.0	1.3	1.2	0.8		(1)	73.4	6.5	8.9	0.1	(1)	(1)	7.9	3.2	(1)	
9	(1)	(1)	(1)	(1)	1.0	0.6	1.2	0.6	(1)					2.3	8.1	34.6	45.7	9.8	(1)	0.5	(1)	0.9	0.4	
10	(1)	(1)	(1)	(1)	0.4	1.2	0.7	0.6					0.8	0.3	2.0	14.9	57.7	24.3	(1)	0.3		0.8	(1)	
11	9.7	15.1	13.0	10.8	0.2	0.4	0.5	1.2						(1)	14.0	74.0	3.0	2.8	6.1	0.1			(1)	
12	3.2	4.3	5.1	5.1	0.8	0.8	1.7	3.6					0.1	(1)	70.6	24.7	0.2	2.0	2.0	0.5		(1)	(1)	
13	5.7	6.2	7.3	8.4	0.8	1.4	1.8	3.0						0.1	41.6	44.1	0.5	8.5	4.6	0.5			0.1	
14	2.9	4.2	3.9	5.4	6.3	8.5	16.8	20.7						(1)	84.8	9.7	0.2	0.4	1.5	3.2		0.1	(1)	
15	0.3	0.4	0.3	0.5	8.2	6.1	6.1	6.5						(1)	88.2	7.6	0.1	1.1	0.1	1.9			(1)	
16	3.8	4.8	4.7	8.3	10.3	14.3	18.8	21.9						(1)	83.1	7.9	0.6	0.1	2.2	6.1			(1)	
17	11.0	9.3	8.6	7.9	5.0	5.7	7.3	6.7						(1)	26.5	41.7	16.6	3.1	8.3	3.7		(1)	0.1	
18	2.6	2.7	2.3	4.6	13.7	11.7	12.8	13.7						(1)	68.0	7.3	16.0	(1)	1.4	7.2		(1)	(1)	
19	6.8	5.3	4.7	5.2	6.3	6.5	7.6	8.4						(1)	38.8	20.5	32.6	0.1	4.1	3.8			(1)	
20	0.3	0.1	0.2	0.3	0.9	0.2	0.9	0.4						(1)	59.7	16.8	22.6	0.2	0.2	0.5		(1)	(1)	
21	0.1	0.1	0.1	0.1	1.0	0.5	0.9	0.4						(1)	64.8	12.5	22.1	0.1	(1)	0.5		(1)	(1)	
22	(1)	(1)	(1)	(1)	0.4	0.5	1.1	1.3						(1)	66.7	20.1	12.8	0.3	(1)	0.2		(1)	(1)	
23	1.7	1.2	1.8	1.0	9.5	3.7	3.6	0.7						(1)	41.9	26.2	23.5	1.7	0.8	5.6		(1)	0.1	
24	0.5	0.7	1.8	0.8	6.9	6.7	6.4	3.9						(1)	35.2	39.2	3.5	17.3	0.3	4.3		(1)	0.1	
25	0.1	0.1	0.3	0.1	2.6	1.1	1.0	0.3	(1)					(1)	21.7	24.2	39.8	12.2	0.1	1.9	(1)	(1)	0.2	
26	0.1	0.1	0.2	0.2	0.3	0.5	0.7	0.9						(1)	72.8	21.3	3.3	2.3	(1)	0.2		(1)	(1)	
27	(1)	(1)	(1)	0.1	0.2	0.2	0.3	0.5						0.1	72.5	6.9	20.2	0.1	(1)	0.1		(1)	(1)	
28	(1)	(1)	(1)	0.1	0.4	0.5	0.4	0.5						(1)	1.6	16.2	73.2	8.0	(1)	0.3		(1)	(1)	
29	(1)	(1)	(1)	(1)	0.2	0.6	0.2	0.3						(1)	26.7	16.2	43.3	11.0	(1)	0.1		(1)	0.7	
30	(1)	(1)	0.2	(1)	0.5	1.5	1.0	1.0						2.5	57.4	12.7	28.8	0.6	(1)	0.2		(1)	0.3	
31	(1)	(1)	(1)	(1)	0.1	0.8	1.9	0.6						1.2	47.8	5.7	43.8	0.6	(1)	0.1		(1)	0.2	
32	1.3	0.5	0.1	0.1	0.3	0.4	0.3	0.3						(1)	61.9	1.1	36.2	(1)	0.7	0.2		(1)	(1)	
33	0.8	0.6	0.6	0.8	2.1	1.6	2.8	2.4						(1)	50.3	2.7	45.1	0.4	0.5	1.2		(1)	(1)	
34			0.4		2.9	4.1	20.0	16.0						(1)	97.0	1.7			1.4	0.9		(1)	(1)	
35	0.9	0.6	0.2	0.5	1.7	1.0	1.8	1.5						(1)	72.2	4.0	21.9	0.4	0.5	0.8		(1)	(1)	
36	3.2	1.6	1.2	2.7	1.5	1.1	1.3	1.5	(1)	0.6	0.3	0.3		(1)	74.4	5.7	16.9	(1)	2.2	0.8		(1)	(1)	
37	0.4	0.1	(1)	0.2	1.5	0.8	1.6	1.7	(1)	0.2	0.4	0.4		(1)	82.7	4.6	11.7	(1)	0.3	0.7		(1)	(1)	
38	(1)	(1)	(1)	(1)	0.2	0.2	0.6	0.7	1.0	3.5	2.3	4.3		(1)	81.3	15.0	1.5	(1)	(1)	0.1		(1)	(1)	
39	(1)	(1)	(1)	(1)	0.3	0.3	0.6	0.7	0.2	0.5	0.6	1.0		(1)	87.4	10.0	2.1	(1)	(1)	0.2		(1)	(1)	
40	(1)	(1)	(1)	(1)	0.3	0.1	0.2	0.1	0.1	0.9	0.4	0.6		(1)	92.4	7.2	(1)	(1)		0.1		(1)	(1)	
41	(1)	(1)	(1)	(1)	0.6	0.4	1.0	1.9						(1)	83.1	2.0	14.5	0.1	(1)	0.3		(1)	(1)	
42	0.1	(1)	(1)	0.1	0.6	0.3	0.6	0.7						(1)	82.9	4.3	12.5	0.1	(1)	0.2		(1)	(1)	
43	(1)	(1)	(1)	(1)	(1)	0.1	0.1	0.2	(1)	0.1	(1)	0.1		(1)	92.7	6.8	0.4	(1)	(1)	(1)		(1)	(1)	
44	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0.1	(1)	0.1	0.1	0.2		(1)	96.9	3.1	(1)	(1)		(1)		(1)	(1)	
45	(1)	(1)	(1)	(1)	(1)	0.1	0.1	0.2	1.1	(1)	(1)			(1)	89.3	5.3	1.7	(1)	(1)	(1)	3.7	(1)	(1)	
46	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	16.4	12.8	8.9	5.2		(1)	66.5	1.0	(1)	(1)	(1)	32.5		(1)	(1)	
47	(1)	(1)	(1)	(1)	0.1	0.5	0.1	0.1	3.5	0.1	(1)	(1)		(1)	67.0	10.0	19.3	0.1	(1)	9.1	3.5	(1)	0.1	
48	(1)	(1)	(1)	(1)	0.1	0.1	0.1	0.1	3.5	0.1	(1)	(1)		(1)	75.3	5.5	4.3	(1)	(1)		5.6	(1)	(1)	
49	(1)	(1)	(1)	0.1	0.9	0.8	(1)	(1)						(1)	1.5	50.2	43.5	3.9	(1)	0.7		(1)	0.2	
50	(1)	(1)	(1)	(1)	0.4	0.4	1.1	0.8						(1)	1.2	31.6	52.5	14.5	(1)	0.2		(1)	(1)	
51	(1)	(1)	(1)	(1)	0.8	2.0	0.6	0.6						(1)	3.7	66.6	23.5	4.8	0.1	0.5		(1)	0.8	
52	(1)	(1)	(1)	(1)	1.5	0.4	1.3	1.1						(1)	18.1	28.2	43.7	7.4	(1)	0.8		(1)	0.6	
53	(1)	(1)	0.1	(1)	0.1	0.1	0.1	(1)	(1)					1.1	41.3	19.3	21.3	1.5	(1)	0.1	(1)	16.5	(1)	
54	0.1	(1)	0.2	(1)	(1)	0.1	0.1	(1)	(1)					1.1	18.7	8.3	26.1	45.5	0.1	0.8		(1)	1.3	
55	(1)	(1)	(1)	(1)	1.8	1.1	2.8	1.0						(1)	2.2	27.4	61.8	7.8	(1)	0.8		(1)	(1)	
56	(1)	(1)	(1)	(1)	0.1	0.4	0.3							(1)	2.6	20.8	42.9	33.6		0.1		(1)	(1)	
57	(1)	(1)	(1)	0.1	0.2	0.2	0.4	0.4						(1)	0.9	13.1	78.4	7.4	(1)	0.1		(1)	0.1	
58	(1)	(1)	(1)	0.1	1.0	0.8	0.8	0.1						(1)	1.7	28.2	60.7	8.5	(1)	0.7		(1)	(1)	
59	(1)	(1)	(1)	(1)	0.4	1.0	0.7	0.8						2.2	3.8	9.4	22.6	61.3	(1)	0.2		(1)	(1)	

\* See North Dakota.

† Includes Indian Territory.

CORN.

The United States as a whole.—The statistics for corn for the United States as a whole, so far as available, are given for each census year from 1879 to 1909 in Table 11.

	CORN.			
	1909	1899	1889	1879
Number of farms reporting.....	4,813,175	4,697,498	.....	.....
Per cent of all farms.....	75.7	81.9	.....	.....
Acreage.....	98,382,665	94,913,673	72,087,752	62,368,504
Increase over preceding census.....	3,468,992	22,825,921	9,719,248	.....
Per cent of increase.....	3.7	31.7	15.6	.....
Acres per farm reporting.....	20.4	20.2	.....	.....
Per cent that acreage in corn formed of—				
Total improved acreage.....	20.6	22.0	20.2	21.0
Total reported crop acreage.....	31.6	33.5	.....	.....
Production (bushels).....	2,552,190,030	2,666,324,370	2,122,327,547	1,754,591,076
Increase over preceding census <sup>1</sup> .....	-114,134,740	543,996,823	367,735,871	993,047,127
Per cent of increase <sup>1</sup> .....	-4.3	25.6	21.0	130.6
Average yield per acre.....	25.9	28.1	29.4	28.1
Per capita production.....	27.7	35.1	33.7	35.0
Value.....	\$1,438,553,919	\$828,192,388	.....	.....
Increase over preceding census.....	\$610,361,531	.....	.....	.....
Per cent of increase.....	73.7	.....	.....	.....
Average per bushel.....	\$0.56	\$0.31	.....	.....
Average per acre.....	\$14.62	\$8.73	.....	.....
Per cent that value of corn formed of total value of all crops.....	26.2	27.6	.....	.....

<sup>1</sup> A minus sign (—) denotes decrease.

NOTE.—The production of corn was 760,044,549 bushels in 1869 and 838,792,742 bushels in 1859. The per capita production was 19.7 bushels in 1869, and 26.7 bushels in 1859.

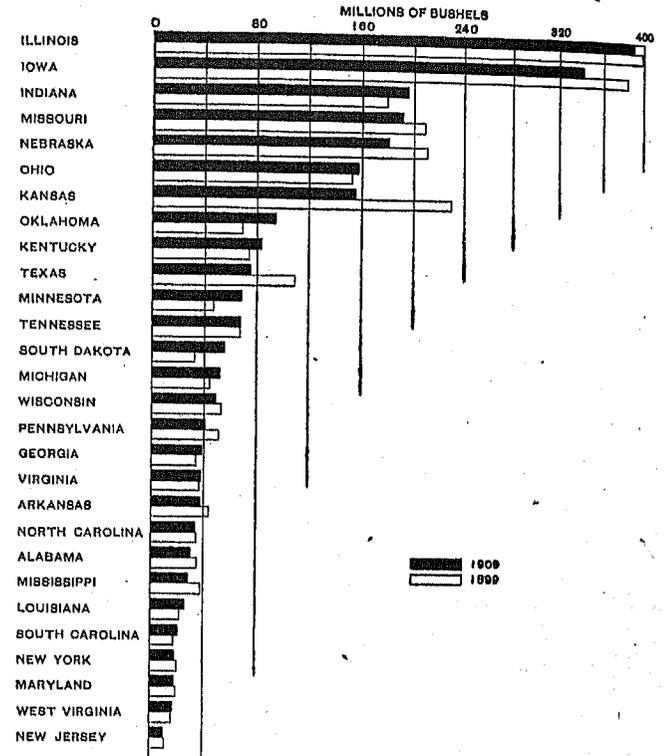
The area of corn harvested in 1909 was 98,382,665 acres; in 1899 it was 94,913,673 acres, the increase for the decade thus being 3,468,992 acres, or 3.7 per cent. The production of corn, however, decreased from 2,666,324,000 bushels in 1899 to 2,552,190,000 bushels in 1909, a decrease of 114,135,000 bushels, or 4.3 per cent.

The comparatively small increase in the absolute acreage of corn during the decade was due to the fact that the Atlantic states almost all lost in the acreage of corn, five of the most important corn raising states—Illinois, Iowa, Kansas, Nebraska, and Missouri—also lost in acreage, largely if not wholly owing to a cold spring and an excessively rainy summer, so that the increases in the other states, notably in Oklahoma, were sufficient to raise the total for the country in 1909 only slightly above that in 1899.

The decline in the production of corn during the decade was due to a decrease in the yield per acre, which was 25.9 bushels in 1909 as compared with 28.1 in 1899. A decreased yield per acre was reported in many of the leading corn producing states. In Iowa, and Missouri, and especially in Kansas and Nebraska, the low yield was due to excessive rains, while Oklahoma and Texas suffered from a severe drought. These six states, which reported more than two-fifths of the acreage and about two-fifths of the production

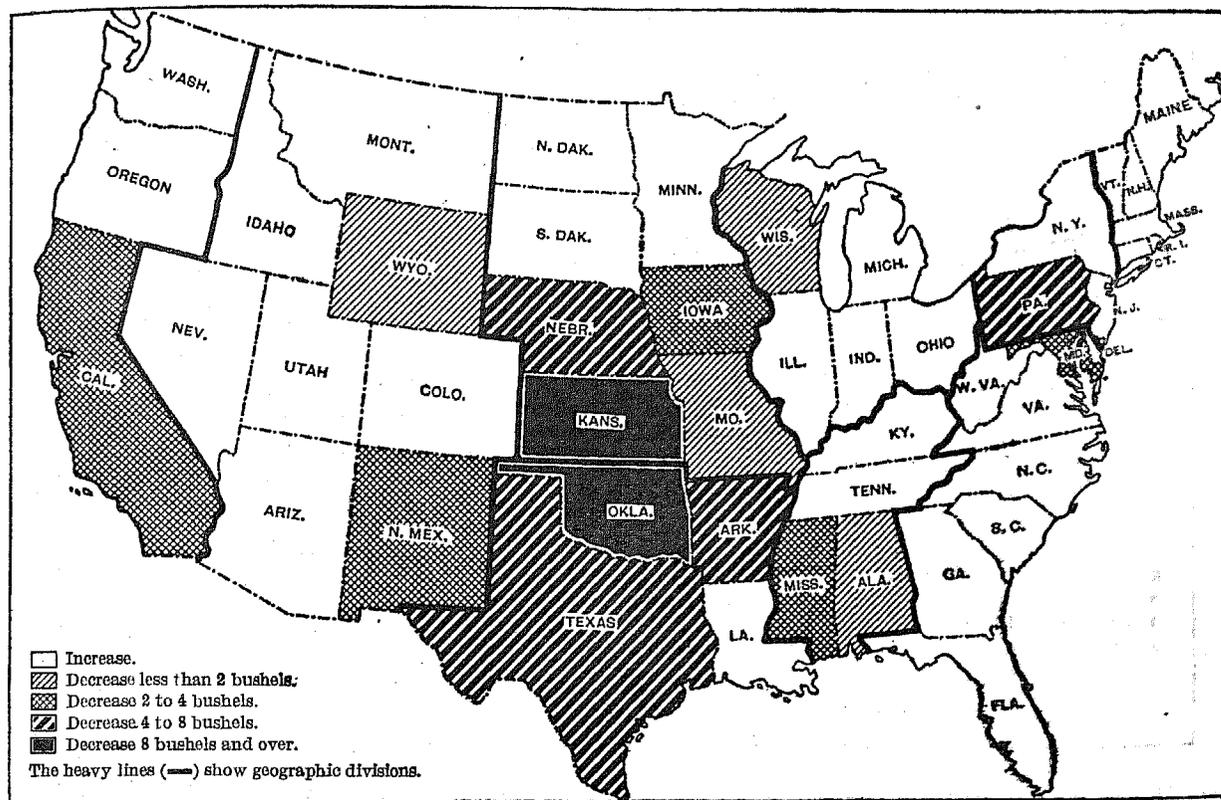
of corn in 1909, together showed a decline in yield per acre from 30 bushels in 1899 to 24.3 in 1909, while the rest of the country taken together showed an increase from 26.7 bushels to 27.2 bushels, despite decreases in yield in a number of states aside from the six named. The diagram below shows the production of corn, by millions of bushels in each of the principal corn producing states in 1909 and 1899. The location of the states that showed decreased yields of corn in 1909 as compared with 1899 is shown by the map on page 577.

PRODUCTION OF CORN: 1909 AND 1899.



The acreage of corn has shown an uninterrupted increase for the past 30 years, the greatest gain occurring between 1889 and 1899. Starting with 62,368,504 acres in 1879, it rose to 72,087,752 in 1889, to 94,913,673 in 1899, and to 98,382,665 in 1909—a gain for the 30 years of 36,014,161 acres, or 57.7 per cent. The production of corn was 1,754,592,000 bushels in 1879, 2,122,328,000 bushels in 1889, 2,666,324,000 bushels in 1899, and 2,552,190,000 bushels in 1909. The production in 1909 was thus 114,135,000 bushels, or 4.3 per cent, less than that in 1899, while that in 1899 was 543,997,000 bushels, or 25.6 per cent greater than that reported 10 years earlier. The increase in production for the 30 years, 1879 to 1909, was 797,598,000, bushels, or 45.5 per cent, as compared with an increase in population for the same period of 83.4 per cent, the production of corn thus appearing not to have kept pace with the growth in population.

## CHANGES IN YIELD OF CORN CROP PER ACRE: 1899 TO 1909.



The per capita production of corn in 1909 was 27.7 bushels; in 1899 it was 35.1 bushels; and in 1879, 35 bushels. The decreased per capita production with the accompanying increased price has resulted in a great falling off in exports. For the year ending June 30, 1900, the exports were 213,123,000 bushels, or 8 per cent of the crop of 1899, while for the year ending June 30, 1910, they were 38,128,000 bushels, or only 1.5 per cent of the crop of 1909. With the exception of the year 1908 this was the smallest proportion of the corn crop to be exported during any year since 1870. Of the crop of 1899 the amount remaining for home use was 2,453,201,000 bushels; in 1909 that amount was 2,514,062,000 bushels, or 60,861,000 bushels more than 10 years earlier. Thus, while in 1899 the per capita amount of corn for home use was 32.3 bushels, in 1909 the amount was 27.3 bushels.

The value of the corn crop was \$1,438,554,000 in 1909, showing an increase of 73.7 per cent over the value in 1899—\$828,192,000. The value per bushel rose from 31 cents to 56 cents during the decade and the value per acre from \$8.73 to \$14.62.

The percentage of farms reporting corn decreased from 81.9 in 1899 to 75.7 in 1909, while the average number of acres per farm reporting remained about the same.

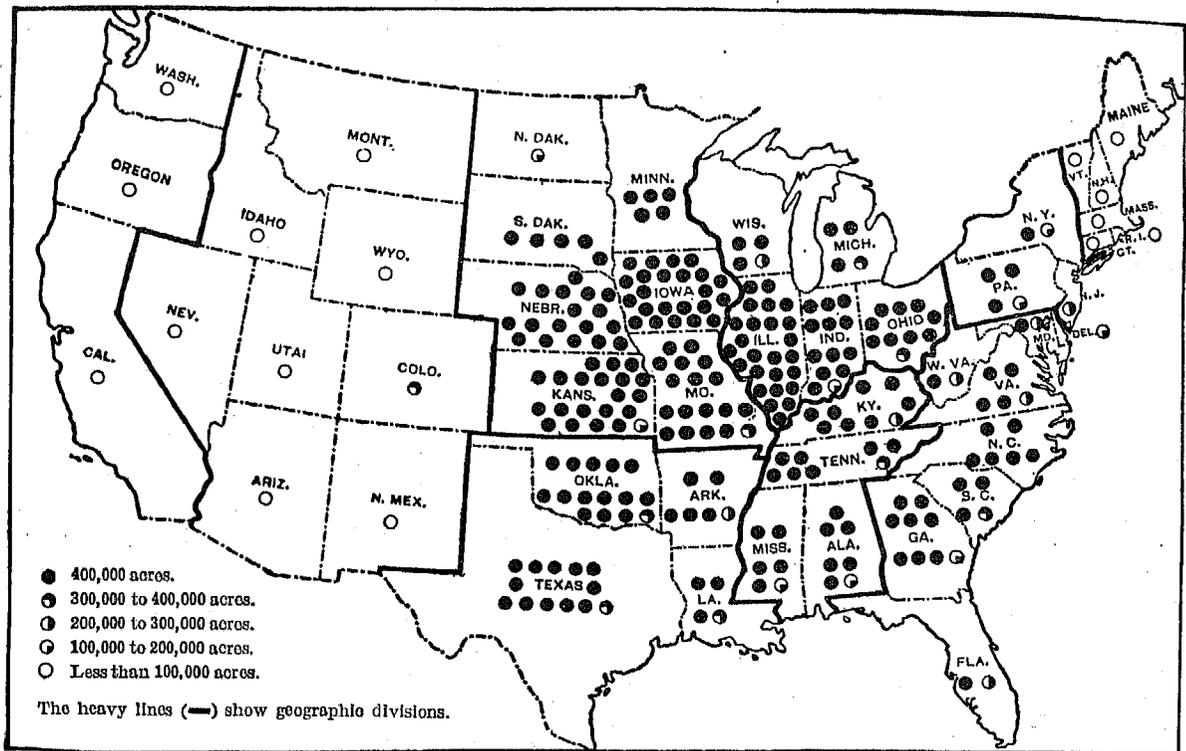
**Divisions and states.**—Tables 12 to 15, inclusive, give, by divisions and states, the same information that Table 11 gives for the United States as a whole.

Of the total corn acreage in 1909, 35,945,297 acres were in the West North Central and 21,910,191 acres in the East North Central division, the two divisions together comprising 58.8 per cent of the total for the country. The West South Central division contained 14,912,067 acres of corn; the South Atlantic, 11,386,984 acres; and the East South Central, 11,328,268 acres. The corn acreage of the Middle Atlantic states was only 2,158,554, while the New England and the two western divisions were relatively unimportant in corn acreage.

The West South Central division was the only one showing a conspicuous increase in the acreage of corn between 1899 and 1909. In this division the acreage of corn harvested rose from 11,181,133 in 1899 to 14,912,067 in 1909, a gain of 3,730,934 acres, which was due almost wholly to the increase in the state of Oklahoma, amounting to 3,412,124 acres, or nearly as much as the increase for the entire country.

The other important corn producing divisions showed no marked changes in corn acreage between 1899 and 1909. The two North Central divisions showed slight increases and the South Atlantic and East South Central divisions slight decreases in corn acreage. In the Mountain division the percentage of increase was very high, 189.6, but the aggregate area harvested was insignificant. An increase was also shown by the Pacific division. In the Middle Atlantic states a decrease of 276,189 acres, or 11.3 per cent, was shown, and New England also showed a decrease.

CORN—ACREAGE, BY STATES: 1909.



Among the individual states the largest acreages of corn in 1909 and in 1899 were found in Illinois, Iowa, and Kansas, in the order named; these three states combined had in 1909 an acreage of 27,384,278, or more than one-fourth of the total area planted to that crop in the United States. Nebraska, Missouri, Oklahoma, and Texas also reported corn acreages of over 5,000,000. The distribution of the acreage in corn in 1909 is shown by the map on this page.

The 10 states ranking highest in acreage of corn for the two census years are shown in the following statement:

Rank.	STATE.	Acres.	Rank.	STATE.	Acres.
1909			1899		
1	Illinois.....	10,045,839	1	Illinois.....	10,266,335
2	Iowa.....	9,220,378	2	Iowa.....	9,804,076
3	Kansas.....	8,109,061	3	Kansas.....	8,200,018
4	Nebraska.....	7,209,057	4	Missouri.....	7,423,083
5	Missouri.....	7,113,953	5	Nebraska.....	7,335,187
6	Oklahoma.....	5,914,069	6	Texas.....	5,017,090
7	Texas.....	5,130,052	7	Indiana.....	4,490,249
8	Indiana.....	4,901,054	8	Ohio.....	3,820,013
9	Ohio.....	3,910,050	9	Georgia.....	3,477,084
10	Kentucky.....	3,436,340	10	Tennessee.....	3,374,574

Of the total production of corn in 1909 (2,552,190,000 bushels) the West North Central division contributed nearly one billion bushels (996,359,000), and the East North Central division 845,298,000 bushels, the two divisions together producing 1,841,657,000 bushels, or nearly three-fourths of the crop of the United States. Of these two leading divisions, the West North Central showed a decrease in corn production of 117,796,000

bushels, or 10.6 per cent, between 1899 and 1909, while the East North Central showed an increase of 18,233,000 bushels, or 2.2 per cent. An increase of 10,043,000 bushels was shown by the South Atlantic and one of 4,678,000 by the Mountain division, the New England and the Pacific divisions also showed increases in corn production, while the two South Central and the Middle Atlantic divisions showed decreases.

The leading states in the production of corn in 1909 were Illinois, Iowa, Indiana, and Missouri, these four states together reporting somewhat more than two-fifths of the total production of the United States. Illinois and Iowa were the leading states in 1899 as well, but at that time Kansas and Nebraska occupied third and fourth places, respectively, while Missouri ranked fifth and Indiana sixth.

The 10 leading states in the production of corn for the two census years are shown in the following statement:

Rank.	STATE.	Production (bushels).	Rank.	STATE.	Production (bushels).
1909			1899		
1	Illinois.....	390,219,000	1	Illinois.....	398,149,000
2	Iowa.....	341,750,000	2	Iowa.....	383,453,000
3	Indiana.....	105,496,000	3	Kansas.....	220,037,000
4	Missouri.....	101,427,000	4	Nebraska.....	210,975,000
5	Nebraska.....	180,133,000	5	Missouri.....	208,845,000
6	Ohio.....	157,513,000	6	Indiana.....	178,967,000
7	Kansas.....	154,652,000	7	Ohio.....	152,055,000
8	Oklahoma.....	94,283,000	8	Texas.....	109,970,000
9	Kentucky.....	83,348,000	9	Kentucky.....	73,974,000
10	Texas.....	75,499,000	10	Oklahoma.....	68,949,000

More than one-third of the total increase in the value of the corn crop for the United States as a whole between 1899 and 1909, \$610,362,000, was reported by the West North Central division alone, and nearly two-thirds, by the two North Central divisions. The five great crop producing divisions, comprising the four central divisions and the South Atlantic, accounted for 97.5 per cent of the total increase in the value of the corn crop.

Of the individual states, those showing the greatest absolute increases in value of corn produced between 1899 and 1909 were Illinois, \$83,275,000; Iowa, \$70,325,000; Indiana, \$46,685,000; and Missouri, \$46,101,000. There was only one state, Vermont, in which the value of the corn crop was smaller in 1909 than in 1899.

The percentage of farms reporting corn decreased during the decade for every geographic division. The proportion in 1909 was highest, 87.7 per cent, in the South Atlantic, and lowest, 6.6 per cent, in the Pacific division.

The yield of corn in bushels per acre decreased between 1899 and 1909 in all of the divisions west of the Mississippi River and also in the Middle Atlantic division. The conditions which caused this decrease have already been mentioned. The average value per bushel and per acre, however, increased in every division.

Each division, with the exception of the South Atlantic, East South Central, and Pacific, showed an increase between 1899 and 1909 in the average number of acres of corn per farm reporting. The Mountain division showed the greatest gain, 5.5 acres, while the West South Central division reported an advance of 3.7 acres and the East North Central division an increase of 1.4 acres.

The greatest decline in yield per acre between 1899 and 1909 is shown for the West South Central and West North Central divisions, the former falling from 21.9 to 15.7 bushels and the latter from 31.4 to 27.7 bushels.

The reduction in the yield per acre, between 1899 and 1909, was by no means uniform among the states. On the contrary, all of the East North Central states except Wisconsin and Illinois reported increased yields, as did also Minnesota and the two Dakotas, in the West North Central division. To the south of Minnesota and South Dakota, however, are six great corn producing states, every one of which reported decreased yields. The average yield per acre in Oklahoma fell from 27.6 bushels in 1899 to 15.9 bushels in 1909; in Kansas, from 27.8 bushels to 19.1 bushels; in Texas, from 21.9 bushels to 14.7 bushels; in Iowa, from 39.1 bushels to 37.1 bushels; in Nebraska, from 28.8 bushels to 24.8 bushels; and in Missouri, from 28.1 bushels to 26.9 bushels.

In 1909 the highest average value per bushel of corn, 83 cents, was reported for the South Atlantic division, while the lowest, 51 cents, was reported for the two

North Central divisions. The price per bushel of corn in 1899 was below 50 cents in every division, with the exception of the New England and Mountain, whereas in 1909 only two divisions, the East and West North Central, reported an average of less than 60 cents a bushel. The highest average value per acre in both years was found in the New England division, and this division reported also the greatest gain for the 10-year period.

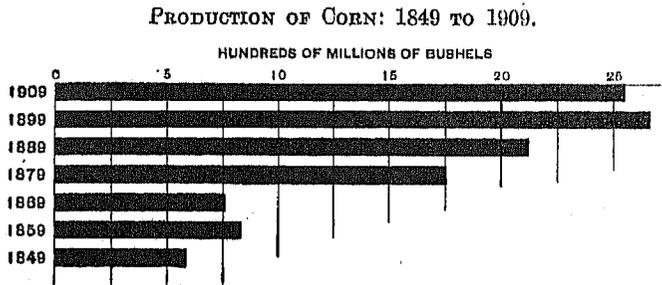
The two North Central divisions have been the principal ones in acreage of corn at every census since 1879, but the East North Central division showed a much smaller increase during the 30 years than the West North Central, in which the acreage of corn was about twice as great in 1909 as in 1879. The increase in the acreage of corn in the East South Central division was not very great, but in the West South Central it was greater by more than 10,000,000 acres in 1909 than in 1879 and had nearly tripled during the period. The New England and Middle Atlantic divisions lost in corn acreage during the 30 years, while the two western divisions showed gains, but were still unimportant as corn producers in 1909.

The New England and the Middle Atlantic divisions were the only ones that showed decreases for the 30 years 1879-1909 in the production of corn as well as in acreage. The West North Central division, on the other hand, reported the greatest absolute increase for the period, the gain amounting to 330,918,000 bushels. The East North Central division was second, and the East South Central division third, in absolute increase in corn raised.

The most striking fact brought out by Table 14 is the development during the 30 years from 1879 to 1909 of corn raising in the states of the Southwest, and also the general movement of the corn growing section to the west of the Mississippi River. Thus, in 1879 the West South Central division reported only 7.2 per cent of the total corn acreage, while in 1909 it had 15.2 per cent. This large increase of corn acreage in the West South Central division combined with the expansion in the West North Central division has thrown more than one-half of the total acreage of corn in 1909 to the sections west of the Mississippi River.

The westward movement of the corn producing section of the United States is brought out even more clearly by the production than the acreage, particularly because the figures for production go back to 1859. Thus, in 1859 the West North Central division contributed but 14.9 per cent of the total production, while in 1909 its share was 39 per cent; and the West South Central division, with only 6.1 per cent of the aggregate yield in 1859, had 9.1 per cent in 1909. The New England, Middle Atlantic, South Atlantic, and East South Central divisions, on the other hand, each showed a substantial decline in its share of the total production of corn in 1909 as compared with 1859, while the East North Central division remained

practically unchanged, having about one-third of the total at each census. The diagram below shows the production of corn for each census year, 1849 to 1909, for United States as a whole.



Among the individual states, Illinois ranked first in corn production in 1909 the same as in 1859, but Iowa displaced Ohio as second, and Indiana succeeded Missouri as third. Nebraska rose from thirty-first place in 1859 to fifth in 1909, and Oklahoma, which appeared for the first time in 1889 and then occupied fortieth place in corn production, rose to eighth place in 1909.

In the New England, East North Central, South Atlantic, and West South Central divisions, the average yield per acre was greater in 1909 than in 1879; in the remaining divisions it was less at the later than at the earlier date, the West North Central division showing a continuous decrease from 1879 to 1909.

# INDIVIDUAL CROPS.

## CORN—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (−) denotes decrease.]

Table 12 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States.....</b>	<b>98,382,665</b>	<b>94,913,673</b>	<b>3,468,992</b>	<b>3.7</b>	<b>2,552,189,630</b>	<b>2,666,324,370</b>	<b>−114,134,740</b>	<b>−4.3</b>	<b>\$1,438,553,919</b>	<b>\$828,192,388</b>	<b>\$610,361,531</b>	<b>73.7</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	182,065	198,377	−16,312	−8.2	8,238,394	7,807,920	430,474	5.5	5,560,074	3,976,367	1,583,707	39.8
Middle Atlantic.....	2,158,554	2,434,743	−276,189	−11.3	69,610,602	82,873,430	−13,262,828	−16.0	45,434,191	35,612,050	9,822,141	27.6
East North Central.....	21,910,191	21,590,260	319,931	1.5	845,298,285	827,065,540	18,232,745	2.2	434,424,336	248,570,575	185,853,761	74.8
West North Central.....	35,945,297	35,529,298	415,999	1.2	996,358,997	1,114,154,560	−117,795,563	−10.6	503,264,949	286,872,473	216,392,476	75.4
South Atlantic.....	11,386,984	12,024,742	−637,758	−5.3	179,511,702	169,468,960	10,042,742	5.9	149,479,304	79,406,051	70,073,253	88.2
East South Central.....	11,328,268	11,713,504	−385,236	−3.3	210,154,917	215,124,577	−4,969,660	−2.3	150,975,613	93,440,189	57,535,424	61.6
West South Central.....	14,912,067	11,181,133	3,730,934	33.4	233,402,007	245,126,328	−11,724,321	−4.8	143,035,538	78,023,053	65,012,485	83.3
Mountain.....	463,991	160,211	303,780	189.6	7,326,043	2,647,733	4,678,310	176.7	4,587,706	1,330,780	3,256,926	244.8
Pacific.....	95,248	81,405	13,843	17.0	2,288,683	2,055,322	233,361	11.4	1,792,208	960,850	831,358	86.5
<b>NEW ENGLAND:</b>												
Maine.....	15,213	16,856	−1,643	−9.7	648,882	645,040	3,842	0.6	434,834	326,824	108,010	33.0
New Hampshire.....	19,814	25,604	−5,880	−22.9	916,263	1,080,720	−164,457	−15.2	621,306	538,738	82,568	15.3
Vermont.....	42,887	60,633	−17,746	−29.3	1,715,133	2,322,450	−607,317	−26.2	1,102,222	1,180,505	−78,283	−6.6
Massachusetts.....	41,755	39,131	2,624	6.7	2,029,381	1,639,980	489,401	31.8	1,372,144	771,277	600,867	77.9
Rhode Island.....	9,079	8,149	1,530	18.8	398,193	288,220	109,973	38.2	335,629	164,138	171,491	104.5
Connecticut.....	52,717	47,914	4,803	10.0	2,630,542	1,931,510	599,032	31.0	1,693,939	994,885	699,054	70.3
<b>MIDDLE ATLANTIC:</b>												
New York.....	512,442	658,652	−146,210	−22.2	18,115,634	20,024,850	−1,909,216	−9.5	11,439,169	9,181,782	2,257,387	24.6
New Jersey.....	265,441	295,258	−29,817	−10.1	10,000,731	10,978,800	−978,069	−8.9	6,664,162	4,533,473	2,130,689	47.0
Pennsylvania.....	1,380,671	1,480,833	−100,162	−6.8	41,494,237	51,869,780	−10,375,543	−20.0	27,330,860	21,896,798	5,434,062	24.8
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	3,916,050	3,826,013	90,037	2.4	157,513,300	152,055,390	5,457,910	3.6	82,327,269	48,087,895	34,239,374	71.4
Indiana.....	4,901,054	4,499,249	401,805	8.9	195,496,433	178,967,070	16,529,363	9.2	98,437,988	51,752,946	46,685,042	90.2
Illinois.....	10,046,839	10,266,335	−220,496	−2.1	390,218,676	398,149,140	−7,930,464	−2.0	198,350,496	115,075,901	83,274,595	72.4
Michigan.....	1,539,596	1,501,189	38,407	5.9	52,906,842	44,584,130	8,322,712	18.7	29,580,929	17,798,611	11,782,318	66.2
Wisconsin.....	1,457,652	1,497,474	−39,822	−2.7	49,163,034	53,309,810	−4,146,776	−7.8	25,727,654	15,905,822	9,821,832	61.8
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	2,004,068	1,441,580	562,488	39.0	67,897,051	47,256,920	20,640,131	43.7	30,510,145	11,337,105	19,173,040	169.1
Iowa.....	9,229,378	9,804,076	−574,698	−5.9	341,750,460	383,453,190	−41,702,730	−10.9	167,622,834	97,297,707	70,325,127	72.3
Missouri.....	7,113,953	7,423,683	−309,730	−4.2	191,427,087	208,844,870	−17,417,783	−8.3	107,347,033	61,246,305	46,100,728	75.3
North Dakota.....	185,122	62,373	122,749	196.8	4,941,152	1,284,870	3,656,282	284.6	2,403,303	397,278	2,006,025	504.9
South Dakota.....	2,037,658	1,196,381	841,277	70.3	55,553,737	32,402,540	23,156,197	71.5	26,395,965	7,263,127	19,132,838	263.4
Nebraska.....	7,266,057	7,335,187	−69,130	−0.9	180,132,807	210,974,740	−30,841,933	−14.6	88,234,846	51,251,213	36,983,633	72.2
Kansas.....	8,109,061	8,266,018	−156,957	−1.9	154,651,703	229,937,430	−75,285,727	−32.7	80,750,803	58,079,738	22,671,065	39.0
<b>SOUTH ATLANTIC:</b>												
Delaware.....	188,755	192,025	−3,270	−1.7	4,839,548	4,736,530	102,968	2.2	2,903,442	1,725,452	1,177,990	68.3
Maryland.....	647,012	658,010	−10,998	−1.7	17,911,436	19,766,510	−1,855,074	−9.4	11,015,298	7,462,594	3,552,704	47.6
District of Columbia.....	426	462	−36	−7.8	12,667	14,980	−2,313	−15.4	9,635	6,322	3,313	52.4
Virginia.....	1,860,359	1,910,085	−49,726	−2.6	38,295,141	36,748,410	1,546,731	4.2	28,885,944	16,233,756	12,652,188	77.9
West Virginia.....	676,311	724,646	−48,335	−6.7	17,119,097	16,610,730	508,367	3.1	11,907,261	7,698,335	4,208,926	54.7
North Carolina.....	2,459,457	2,720,206	−260,749	−9.6	34,063,531	34,818,860	−755,329	−2.2	31,286,102	17,304,407	13,981,695	80.8
South Carolina.....	1,565,832	1,772,057	−206,225	−11.6	20,871,946	17,429,610	3,442,336	19.8	20,682,632	9,149,808	11,532,824	126.0
Georgia.....	3,383,061	3,477,684	−94,623	−2.7	39,374,569	34,032,230	5,342,339	15.7	37,079,981	17,155,868	19,924,113	116.1
Florida.....	605,771	669,667	−63,896	−9.6	7,023,767	5,311,050	1,712,717	32.2	5,709,009	2,669,509	3,039,500	113.9
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	3,436,340	3,319,257	117,083	3.5	83,348,024	73,974,220	9,373,804	12.7	50,449,112	29,423,996	21,025,116	71.5
Tennessee.....	3,146,348	3,374,574	−228,226	−6.8	67,682,459	67,307,390	375,069	0.6	45,819,093	28,059,808	17,759,285	63.3
Alabama.....	2,572,968	2,743,360	−170,392	−6.2	30,695,737	35,053,047	−4,357,310	−12.4	28,677,032	17,082,751	11,594,281	67.9
Mississippi.....	2,172,612	2,276,313	−103,701	−4.6	28,428,667	38,789,920	−10,361,253	−26.7	26,030,376	18,873,934	7,156,442	37.9
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	2,277,116	2,817,742	−40,626	−1.8	37,609,544	44,144,098	−6,534,554	−14.8	27,910,044	17,572,170	10,337,874	58.8
Louisiana.....	1,590,830	1,843,756	247,074	18.4	26,010,361	22,082,580	3,927,781	17.9	16,480,322	10,327,723	6,152,599	59.6
Oklahoma.....	5,914,069	12,501,945	3,412,124	136.4	94,283,407	168,949,300	25,334,107	36.7	48,080,554	15,698,239	32,382,315	206.3
Texas.....	5,180,052	5,017,690	162,362	2.2	75,498,695	109,970,350	−34,471,655	−31.3	50,564,618	34,424,871	16,139,747	46.9
<b>MOUNTAIN:</b>												
Montana.....	9,514	3,301	6,213	188.2	274,103	75,838	198,265	261.4	185,367	41,626	143,741	345.3
Idaho.....	9,194	4,582	4,612	100.7	318,181	111,528	206,653	185.3	191,395	55,880	135,515	242.5
Wyoming.....	9,283	1,976	7,297	369.0	176,354	38,000	138,354	364.1	101,465	19,569	81,896	418.5
Colorado.....	326,559	85,256	241,303	283.0	4,903,304	1,275,680	3,627,624	284.4	2,673,584	508,488	2,165,096	425.8
New Mexico.....	85,999	41,345	44,654	108.0	1,184,970	677,305	487,665	72.0	984,052	419,936	564,116	134.3
Arizona.....	15,605	11,654	3,951	33.9	298,664	204,748	93,916	45.9	293,847	151,564	142,283	93.9
Utah.....	7,267	11,517	−4,250	−36.9	169,688	250,020	−80,332	−32.1	134,396	121,872	12,524	10.3
Nevada.....	585	580	5	0.9	20,779	14,614	6,165	42.2	23,600	11,845	11,755	99.2
<b>PACIFIC:</b>												
Washington.....	26,033	10,483	15,550	148.3	563,025	218,706	344,319	157.4	404,367	104,263	300,104	287.8
Oregon.....	17,280	16,992	288	1.7	451,757	359,523	92,234	25.7	310,430	155,693	154,737	99.4
California.....	51,935	53,930	−1,995	−3.7	1,273,901	1,477,063	−203,162	−13.8	1,077,411	700,694	376,717	53.7

1 Includes Indian Territory.

CORN—FARMS REPORTING, ACREAGE, AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1909.

Table 13 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).			
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879
<b>United States.....</b>	<b>4,813,175</b>	<b>4,697,498</b>	<b>98,382,665</b>	<b>94,913,673</b>	<b>72,087,752</b>	<b>62,368,504</b>	<b>2,552,189,630</b>	<b>2,666,324,370</b>	<b>2,122,327,547</b>	<b>1,754,591,878</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	67,712	80,109	182,065	198,377	158,701	243,102	8,238,394	7,807,920	6,126,046	8,376,368
Middle Atlantic.....	309,819	364,200	2,168,554	2,434,743	2,013,337	2,407,007	69,610,602	82,873,430	60,065,259	82,662,392
East North Central.....	940,681	985,387	21,010,191	21,590,200	16,753,700	17,914,773	845,208,285	827,065,540	575,242,463	619,843,936
West North Central.....	878,717	880,855	35,945,297	35,529,208	28,119,640	17,782,475	900,358,997	1,114,154,500	1,023,627,545	685,440,725
South Atlantic.....	974,833	800,291	11,386,084	12,024,742	9,623,254	9,709,842	179,511,702	169,468,960	131,455,788	129,266,107
East South Central.....	882,737	818,781	11,328,268	11,713,504	9,585,360	9,552,528	210,154,917	215,124,577	198,280,502	182,408,770
West South Central.....	713,996	650,462	14,912,067	11,181,133	5,579,173	4,509,625	233,402,007	245,126,328	110,410,737	63,111,278
Mountain.....	32,109	17,991	463,901	160,211	162,594	79,518	7,326,043	2,647,733	2,333,323	1,322,790
Pacific.....	12,571	0,422	95,248	81,405	91,987	70,544	2,288,683	2,055,322	2,775,886	2,159,370
<b>NEW ENGLAND:</b>										
Maine.....	9,801	12,965	15,213	16,856	10,801	30,907	648,882	645,040	380,662	960,633
New Hampshire.....	10,157	13,140	10,814	25,694	23,746	36,612	916,203	1,080,720	988,806	1,350,248
Vermont.....	13,761	20,577	42,887	60,633	41,790	55,249	1,715,133	2,322,450	1,700,088	2,014,271
Massachusetts.....	14,755	14,552	41,755	30,131	34,010	52,555	2,020,381	1,530,980	1,330,101	1,797,768
Rhode Island.....	2,898	2,652	9,679	8,149	7,819	11,893	308,193	288,220	253,810	372,967
Connecticut.....	10,340	10,223	52,717	47,914	40,445	55,796	2,530,542	1,931,510	1,471,979	1,880,421
<b>MIDDLE ATLANTIC:</b>										
New York.....	113,797	147,615	512,442	658,652	493,320	770,272	18,115,634	20,024,850	15,109,969	25,680,156
New Jersey.....	25,392	27,382	265,441	295,258	267,648	344,555	10,000,731	10,978,800	8,637,011	11,150,705
Pennsylvania.....	170,630	189,203	1,380,671	1,480,833	1,252,360	1,373,270	41,494,237	51,869,780	42,818,279	45,821,531
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	233,102	244,500	3,916,050	3,826,013	3,189,553	3,281,023	157,513,300	152,055,390	113,892,318	111,877,124
Indiana.....	189,389	201,739	4,901,054	4,499,240	3,580,100	3,678,420	195,496,433	178,967,070	108,843,094	115,482,300
Illinois.....	228,954	245,984	10,045,839	10,206,335	7,803,025	9,019,381	390,218,676	398,140,140	289,697,256	325,792,481
Michigan.....	161,901	165,264	1,589,596	1,561,189	994,597	919,656	52,900,842	44,584,130	28,785,579	32,461,452
Wisconsin.....	129,335	127,900	1,457,652	1,497,474	1,120,341	1,015,393	49,163,034	53,300,810	34,024,216	34,230,579
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	113,061	107,677	2,004,068	1,441,580	901,090	438,737	67,897,051	47,256,920	24,696,446	14,831,741
Iowa.....	196,561	212,298	9,229,378	9,804,076	7,585,522	6,610,144	341,750,400	383,453,190	313,130,782	275,014,247
Missouri.....	241,192	259,420	7,113,953	7,423,683	6,072,121	5,588,205	101,427,087	208,844,870	196,999,016	202,414,413
North Dakota.....	15,025	0,000	185,122	62,373	11,954	190,852	4,941,152	1,284,876	178,729	1,000,864
South Dakota.....	40,277	34,621	2,037,658	1,106,381	753,309	(*)	55,558,737	32,402,540	13,162,008	(*)
Nebraska.....	113,214	108,783	7,206,057	7,335,187	5,480,279	1,630,660	180,132,807	210,974,740	215,895,996	65,450,135
Kansas.....	150,387	151,996	8,109,061	8,266,018	7,314,765	3,417,817	154,651,703	229,937,430	259,574,568	165,728,325
<b>SOUTH ATLANTIC:</b>										
Delaware.....	9,923	9,285	188,755	192,025	174,790	202,120	4,839,548	4,736,580	3,097,164	3,894,264
Maryland.....	42,084	41,249	647,012	658,010	586,817	604,928	17,911,430	19,706,510	14,928,142	15,968,533
District of Columbia.....	8	80	420	462	349	1,032	12,667	14,980	10,755	29,751
Virginia.....	163,680	156,793	1,800,359	1,910,885	1,600,690	1,708,127	38,295,141	36,748,410	27,172,493	29,119,761
West Virginia.....	83,028	82,490	676,311	724,646	592,763	565,785	17,119,097	16,610,730	13,730,506	14,090,699
North Carolina.....	228,322	212,122	2,459,457	2,720,206	2,360,627	2,305,419	34,063,531	34,818,860	25,783,623	28,019,639
South Carolina.....	156,589	140,126	1,565,832	1,772,057	1,345,990	1,303,404	20,871,946	17,429,610	13,770,417	11,767,099
Georgia.....	253,410	208,320	3,383,061	3,477,684	2,582,316	2,538,733	39,374,569	34,032,230	29,261,422	23,202,018
Florida.....	37,729	33,910	605,771	509,567	378,906	360,294	7,023,797	5,311,050	3,701,264	3,174,234
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	216,224	210,427	3,436,340	3,319,257	2,900,382	3,021,176	83,348,024	73,974,220	78,434,847	72,852,263
Tennessee.....	211,119	206,592	3,146,348	3,374,574	2,791,324	2,904,873	67,682,489	67,307,390	63,635,350	62,764,429
Alabama.....	229,113	205,273	2,572,068	2,743,360	2,127,302	2,055,929	30,695,737	35,053,047	30,072,161	25,451,278
Mississippi.....	220,281	199,489	2,172,612	2,276,313	1,706,352	1,570,550	28,428,607	38,789,920	26,148,144	21,340,800
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	176,106	159,597	2,277,110	2,317,742	1,048,443	1,298,310	37,609,544	44,144,098	33,982,318	24,156,417
Louisiana.....	190,943	191,961	1,590,830	1,343,766	837,516	742,728	26,010,361	22,062,580	13,081,954	9,889,699
Oklahoma.....	148,590	85,921	5,914,069	2,501,945	13,307		94,283,407	8,949,300	234,315	
Texas.....	288,357	303,073	5,139,052	5,017,690	3,079,907	2,468,587	75,498,095	100,970,350	69,112,150	29,065,172
<b>MOUNTAIN:</b>										
Montana.....	1,037	541	9,514	3,301	1,019	197	274,103	75,838	14,225	5,649
Idaho.....	1,351	817	9,194	4,582	1,862	569	318,181	111,528	24,695	16,468
Wyoming.....	1,065	225	9,268	1,970	1,977		170,354	38,000	25,172	
Colorado.....	12,711	4,910	326,559	85,256	119,310	22,991	4,003,304	1,275,080	1,511,907	455,908
New Mexico.....	10,381	6,060	85,999	41,345	28,539	41,449	1,104,970	677,305	583,489	633,786
Arizona.....	2,206	1,677	15,605	11,654	4,331	1,818	298,664	204,748	82,535	34,746
Utah.....	2,533	3,608	7,297	11,517	5,782	12,007	169,688	250,020	84,760	163,342
Nevada.....	105	153	585	580	274	487	20,779	14,614	6,540	12,891
<b>PACIFIC:</b>										
Washington.....	3,128	1,205	26,033	10,483	9,583	2,117	563,025	218,706	156,412	39,183
Oregon.....	3,715	2,821	17,280	16,992	12,101	5,646	451,757	359,523	238,203	126,862
California.....	5,728	5,336	51,935	53,930	70,303	71,781	1,273,901	1,477,093	2,381,270	1,993,325

\* Includes South Dakota.

\* See North Dakota.

\* Includes Indian Territory.

INDIVIDUAL CROPS.

CORN—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 14 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
United States.....	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0						
<b>GEOGRAPHIC DIVISIONS:</b>																				
New England.....	0.2	0.2	0.2	0.4	8	7	8	7	0.3	0.3	0.3	0.5	0.9	1.0	7	7	7	7	7	7
Middle Atlantic.....	2.2	2.6	2.8	4.0	6	6	6	6	2.7	3.1	3.1	4.7	7.9	7.0	6	6	6	5	5	5
East North Central.....	22.3	22.7	23.2	28.7	2	2	2	1	33.1	31.0	27.1	35.3	36.6	33.4	2	2	2	2	1	1
West North Central.....	36.5	37.4	39.0	28.5	1	1	1	2	39.0	41.8	48.2	37.9	21.2	14.9	1	1	1	1	2	4
South Atlantic.....	11.6	12.7	13.3	15.6	4	3	3	3	7.0	6.4	6.2	7.4	11.3	16.1	5	5	4	4	4	3
East South Central.....	11.5	12.3	13.3	15.3	5	4	4	4	8.2	8.1	9.3	10.4	16.3	21.3	4	4	3	3	3	2
West South Central.....	15.2	11.8	7.7	7.2	3	5	5	5	9.1	9.2	5.5	3.6	5.5	6.1	3	3	5	6	6	6
Mountain.....	0.5	0.2	0.2	0.1	7	8	7	9	0.3	0.1	0.1	0.1	0.1	0.1	8	8	9	9	9	8
Pacific.....	0.1	(1)	0.1	0.1	9	9	9	8	0.1	0.1	0.1	0.1	0.2	0.1	9	9	8	8	8	9
<b>NEW ENGLAND:</b>																				
Maine.....	(1)	(1)	(1)	(1)	42	40	40	36	(1)	(1)	(1)	0.1	0.1	0.2	39	39	37	35	34	29
New Hampshire.....	(1)	(1)	(1)	0.1	39	38	36	35	(1)	(1)	(1)	0.1	0.2	0.2	38	37	35	34	32	32
Vermont.....	(1)	(1)	0.1	0.1	36	33	32	32	0.1	(1)	0.1	0.1	0.2	0.2	35	31	31	29	29	30
Massachusetts.....	(1)	(1)	(1)	0.1	37	37	34	33	0.1	(1)	0.1	0.1	0.2	0.2	34	33	34	33	31	27
Rhode Island.....	(1)	(1)	(1)	(1)	43	44	42	39	(1)	(1)	(1)	(1)	(1)	(1)	42	41	38	38	36	35
Connecticut.....	0.1	(1)	0.1	0.1	34	35	33	31	0.1	(1)	0.1	0.1	0.2	0.2	33	32	33	32	30	28
<b>MIDDLE ATLANTIC:</b>																				
New York.....	0.5	0.7	0.7	1.2	28	26	26	21	0.7	0.8	0.7	1.5	2.2	2.4	25	24	21	16	15	14
New Jersey.....	0.3	0.3	0.4	0.5	30	29	28	27	0.4	0.4	0.4	0.6	1.1	1.2	28	28	27	25	21	21
Pennsylvania.....	1.4	1.6	1.7	2.2	24	21	18	16	1.6	1.9	2.0	2.6	4.6	3.4	16	13	11	10	8	13
<b>EAST NORTH CENTRAL:</b>																				
Ohio.....	4.0	4.0	4.4	5.3	9	8	7	6	6.2	5.7	5.4	6.4	8.9	8.8	6	7	6	5	3	2
Indiana.....	5.0	4.7	5.0	5.9	8	7	6	4	7.7	6.7	5.1	6.6	6.7	8.5	3	6	7	4	5	4
Illinois.....	10.2	10.8	10.9	14.5	1	1	1	1	15.3	14.9	13.7	18.6	17.1	13.7	1	1	2	1	1	1
Michigan.....	1.6	1.6	1.4	1.5	21	19	20	20	2.1	1.7	1.4	1.8	1.9	1.5	14	15	16	12	18	20
Wisconsin.....	1.5	1.6	1.6	1.6	23	20	19	19	1.9	2.0	1.6	2.0	2.0	0.9	15	12	12	11	17	22
<b>WEST NORTH CENTRAL:</b>																				
Minnesota.....	2.0	1.5	1.3	0.7	18	22	21	25	2.7	1.8	1.2	0.8	0.6	0.3	11	14	20	22	25	25
Iowa.....	9.4	10.3	10.5	10.6	2	2	2	2	13.4	14.4	14.8	15.7	9.1	5.0	2	2	1	2	2	7
Missouri.....	7.2	7.8	8.4	9.0	5	4	4	3	7.5	7.8	9.3	11.5	8.7	8.7	4	5	5	3	4	3
North Dakota.....	0.2	(1)	(1)	*0.1	32	32	39	29	0.2	(1)	(1)	*0.1	(1,2)	(1,2)	30	35	41	*30	*38	*39
South Dakota.....	2.1	1.3	1.0	(2)	17	24	23		2.2	1.2	0.6	(2)	(2)	(2)	13	22	25	(2)	(2)	(1)
Nebraska.....	7.4	7.7	7.6	2.6	4	5	5	14	7.1	7.9	10.2	3.7	0.6	0.2	5	4	4	8	26	31
Kansas.....	8.2	8.7	10.1	5.5	3	3	3	5	6.1	8.6	12.2	6.0	2.2	0.7	7	3	3	6	13	23
<b>SOUTH ATLANTIC:</b>																				
Delaware.....	0.2	0.2	0.2	0.3	31	30	29	28	0.2	0.2	0.1	0.2	0.4	0.5	32	30	29	27	27	24
Maryland.....	0.7	0.7	0.8	1.1	26	27	25	23	0.7	0.7	0.7	0.9	1.5	1.6	26	25	22	21	20	19
District of Columbia.....	(1)	(1)	(1)	(1)	49	49	48	43	(1)	(1)	(1)	(1)	(1)	(1)	49	48	48	43	42	37
Virginia.....	1.9	2.0	2.2	2.8	19	17	16	13	1.5	1.4	1.3	1.7	2.3	4.6	18	18	17	13	11	8
West Virginia.....	0.7	0.8	0.8	0.9	25	25	24	24	0.7	0.6	0.6	0.8	1.1	(5)	27	27	24	23	22	(1)
North Carolina.....	2.5	2.9	3.3	3.7	14	13	12	11	1.3	1.3	1.2	1.6	2.4	3.6	20	20	19	15	10	11
South Carolina.....	1.6	1.9	1.9	2.1	22	18	17	17	0.8	0.7	0.6	0.7	1.0	1.8	24	26	23	24	23	18
Georgia.....	3.4	3.7	3.6	4.1	11	9	11	9	1.5	1.3	1.4	1.3	2.3	3.7	17	21	15	19	12	10
Florida.....	0.6	0.6	0.5	0.6	27	28	27	26	0.3	0.2	0.2	0.2	0.3	0.3	29	29	28	28	28	26
<b>EAST SOUTH CENTRAL:</b>																				
Kentucky.....	3.5	3.5	4.1	4.8	10	11	9	7	3.3	2.8	3.7	4.2	6.6	7.6	9	9	8	7	6	5
Tennessee.....	3.2	3.6	3.9	4.7	12	10	10	8	2.7	2.5	3.0	3.6	5.4	6.2	12	11	10	9	7	6
Alabama.....	2.6	2.9	3.0	3.3	13	12	13	12	1.2	1.3	1.4	1.4	2.2	4.0	21	19	14	17	14	9
Mississippi.....	2.2	2.4	2.4	2.5	16	16	14	15	1.1	1.5	1.2	1.2	2.1	3.5	22	17	13	20	16	12
<b>WEST SOUTH CENTRAL:</b>																				
Arkansas.....	2.3	2.4	2.3	2.1	15	15	15	18	1.5	1.7	1.6	1.4	1.8	2.1	19	16	13	18	19	15
Louisiana.....	1.6	1.4	1.2	1.2	20	23	22	22	1.0	0.8	0.6	0.6	1.0	2.0	23	23	26	26	24	16
Oklahoma.....	0.0	*2.6	(1)		6	*14	37		3.7	*2.6	(1)				8	*10	40			
Texas.....	5.2	5.3	4.3	4.0	7	6	8	10	3.0	4.1	3.3	1.7	2.7	2.0	10	8	9	14	9	17
<b>MOUNTAIN:</b>																				
Montana.....	(1)	(1)	(1)	(1)	44	46	47	46	(1)	(1)	(1)	(1)	(1)		43	46	47	46	46	
Idaho.....	(1)	(1)	(1)	(1)	46	45	46	44	(1)	(1)	(1)	(1)	(1)		45	45	46	44	45	
Wyoming.....	(1)	(1)	(1)		45	47	45		(1)	(1)	(1)				46	47	45			
Colorado.....	0.3	(1)	0.2	(1)	29	31	30	37	0.2	(1)	0.1	(1)	(1)		31	36	32	37	37	
New Mexico.....	0.1	(1)	(1)	0.1	33	36	35	34	(1)	(1)	(1)	(1)	0.1	0.1	37	38	36	36	35	33
Arizona.....	(1)	(1)	(1)	(1)	41	41	44	42	(1)	(1)	(1)	(1)	(1)		44	44	44	42	41	
Utah.....	(1)	(1)	(1)	(1)	47	42	43	38	(1)	(1)	(1)	(1)	(1)		47	42	43	39	39	36
Nevada.....	(1)	(1)	(1)	(1)	48	48	49	45	(1)	(1)	(1)	(1)	(1)		48	49	49	45	44	41
<b>PACIFIC:</b>																				
Washington.....	(1)	(1)	(1)	(1)	38	43	41	41	(1)	(1)	(1)	(1)	(1)		40	43	42	41	43	40
Oregon.....	(1)	(1)	(1)	(1)	40	39	38	40	(1)	(1)	(1)	(1)	(1)		41	40	39	40	40	38
California.....	0.1	(1)	0.1	0.1	35	34	31	30	(1)	(1)	0.1	0.1	0.2	0.1	36	34	30	31	33	34

1 Less than one-tenth of 1 per cent. \* Includes South Dakota. † See North Dakota. ‡ Includes West Virginia. § See Virginia. ¶ Includes Indian Territory.

CORN—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BUSHEL AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

Table 15 DIVISION OR STATE.	FARMS REPORTING CORN.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHEL). <sup>1</sup>				AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms.		Average acres per farm.		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899
	1909	1899	1909	1899												
United States.....	75.7	81.9	20.4	20.2	20.6	22.9	20.2	21.9	25.9	28.1	29.4	28.1	\$0.66	\$0.31	\$14.62	\$8.78
GEOGRAPHIC DIVISIONS:																
New England.....	35.9	41.7	2.7	2.5	2.5	2.4	1.5	1.8	45.2	30.4	38.0	34.5	0.67	0.51	30.54	20.04
Middle Atlantic.....	66.1	75.0	7.0	6.7	7.4	7.0	6.4	7.5	32.2	34.0	32.8	33.1	0.65	0.43	21.05	14.63
East North Central.....	83.7	86.7	23.3	21.9	21.6	24.0	21.3	23.7	38.6	38.3	34.3	34.6	0.51	0.30	19.83	11.51
West North Central.....	79.2	83.0	40.9	40.3	21.9	26.2	26.7	29.0	27.7	31.4	36.4	37.4	0.51	0.26	14.00	8.07
South Atlantic.....	87.7	92.5	11.7	13.5	23.5	26.1	23.1	26.8	15.8	14.1	13.7	13.3	0.83	0.47	13.13	6.60
East South Central.....	84.7	90.6	12.8	14.3	25.8	29.1	26.8	31.0	18.6	18.4	20.7	19.1	0.72	0.43	13.33	7.96
West South Central.....	75.7	86.2	20.9	17.2	25.6	28.1	18.3	23.8	15.7	21.9	20.9	14.0	0.61	0.32	9.59	6.96
Mountain.....	17.5	17.8	14.4	8.9	2.9	1.9	3.0	3.6	15.8	16.5	14.4	16.6	0.63	0.50	9.89	8.31
Pacific.....	6.6	6.7	7.0	8.6	0.4	0.4	0.5	0.6	24.0	25.2	30.2	27.1	0.78	0.47	18.82	11.80
NEW ENGLAND:																
Maine.....	16.3	21.9	1.0	1.3	0.6	0.7	0.4	0.0	42.7	38.3	35.0	31.0	0.67	0.51	28.58	19.39
New Hampshire.....	37.5	44.8	2.0	2.0	2.1	2.4	1.4	1.6	46.2	42.1	41.0	36.9	0.68	0.50	31.36	20.97
Vermont.....	42.1	62.2	3.1	2.9	2.6	2.0	1.6	1.7	40.0	38.3	40.7	36.5	0.64	0.51	25.70	19.47
Massachusetts.....	40.0	38.6	2.8	2.7	3.6	3.0	2.1	2.5	48.6	39.4	39.1	34.2	0.68	0.50	32.86	19.71
Rhode Island.....	54.8	48.2	3.3	3.1	5.4	4.3	2.8	4.0	41.1	35.4	32.5	31.4	0.84	0.57	34.68	20.14
Connecticut.....	60.9	60.2	3.2	3.0	5.3	4.5	2.9	3.4	48.0	40.3	36.4	33.7	0.67	0.52	32.13	20.76
MIDDLE ATLANTIC:																
New York.....	52.8	65.1	4.5	4.5	3.5	4.2	3.0	4.4	35.4	30.4	30.6	33.0	0.63	0.46	22.32	13.94
New Jersey.....	75.8	79.0	10.5	10.8	14.7	14.0	13.4	16.4	37.7	37.2	32.3	32.4	0.67	0.41	25.11	15.35
Pennsylvania.....	77.8	84.4	8.1	7.8	10.9	11.2	9.5	10.2	36.1	35.0	33.8	33.4	0.66	0.42	19.80	14.79
EAST NORTH CENTRAL:																
Ohio.....	85.7	88.4	16.8	15.6	20.4	19.9	17.4	18.2	40.2	39.7	35.7	34.1	0.52	0.32	21.02	12.56
Indiana.....	87.9	90.9	25.0	22.3	28.9	27.0	23.7	26.4	39.9	39.8	30.4	31.4	0.50	0.29	20.09	11.50
Illinois.....	90.1	93.1	44.3	41.7	35.8	37.1	30.6	34.5	38.8	38.8	36.8	36.1	0.51	0.29	19.74	11.71
Michigan.....	78.2	81.3	0.8	0.1	12.4	12.7	10.1	11.1	33.3	29.7	28.9	35.3	0.56	0.40	18.61	11.86
Wisconsin.....	73.0	75.3	11.3	11.7	12.2	13.3	11.4	11.1	33.7	35.6	30.4	33.7	0.52	0.30	17.65	10.62
WEST NORTH CENTRAL:																
Minnesota.....	72.4	69.6	17.7	13.4	10.2	7.8	8.1	6.1	35.9	32.8	27.4	33.8	0.45	0.24	15.22	7.36
Iowa.....	90.6	92.9	47.0	46.2	31.3	32.8	20.8	33.3	37.1	30.1	41.3	41.6	0.49	0.25	18.16	9.92
Missouri.....	87.0	91.1	20.5	28.6	28.0	32.4	30.7	33.4	26.9	28.1	32.4	36.2	0.56	0.29	15.09	8.25
North Dakota.....	20.2	13.4	12.3	10.3	0.9	0.6	0.3	1.7	20.7	20.6	15.0	22.0	0.49	0.31	12.68	6.37
South Dakota.....	63.5	65.8	41.4	34.0	12.0	10.6	10.8	( <sup>2</sup> )	27.3	27.1	17.5	( <sup>2</sup> )	0.48	0.22	12.95	6.07
Nebraska.....	87.3	89.5	64.2	67.4	29.8	39.8	35.9	29.6	24.8	28.8	39.4	40.1	0.49	0.24	12.14	6.99
Kansas.....	84.6	87.8	53.9	54.4	27.1	33.0	32.8	31.8	19.1	27.8	35.5	30.9	0.52	0.25	9.96	7.03
SOUTH ATLANTIC:																
Delaware.....	91.6	95.9	19.0	20.7	26.5	25.5	22.9	27.1	25.6	24.7	17.7	10.3	0.60	0.36	15.33	8.99
Maryland.....	86.0	89.6	15.4	16.0	19.3	18.7	17.2	19.9	27.7	30.0	25.4	24.0	0.61	0.38	17.02	11.34
District of Columbia.....	31.3	29.7	0.3	5.8	8.3	7.8	3.5	8.2	29.7	32.4	30.8	28.8	0.76	0.42	22.69	13.68
Virginia.....	89.0	93.3	11.4	12.2	18.8	18.9	17.5	20.8	20.6	19.2	17.0	16.5	0.75	0.44	15.53	8.50
West Virginia.....	85.9	88.8	8.1	8.8	12.2	13.2	13.0	14.9	25.3	22.9	23.2	24.9	0.70	0.46	17.61	10.62
North Carolina.....	90.0	94.4	10.8	12.8	27.9	32.7	30.2	35.6	13.8	12.8	10.9	12.2	0.92	0.50	12.72	6.36
South Carolina.....	88.7	94.1	10.0	12.1	25.7	30.7	25.6	31.5	13.3	9.8	10.2	9.0	0.99	0.52	13.21	5.16
Georgia.....	87.1	92.7	13.4	16.7	27.5	32.8	26.9	30.9	11.6	9.8	11.3	9.1	0.94	0.50	10.96	4.93
Florida.....	75.4	83.1	16.1	16.8	33.6	37.7	33.1	38.0	11.6	9.3	9.8	8.8	0.81	0.50	9.42	4.69
EAST SOUTH CENTRAL:																
Kentucky.....	83.4	89.7	15.9	15.8	23.9	24.2	25.0	28.2	24.3	22.3	26.5	24.1	0.61	0.40	14.68	8.88
Tennessee.....	85.8	92.0	14.9	16.3	28.9	32.0	29.8	34.2	21.5	19.9	22.8	21.6	0.68	0.42	14.56	8.31
Alabama.....	87.1	92.0	11.2	13.4	26.5	31.7	27.6	32.2	11.9	12.8	14.1	12.4	0.93	0.49	11.15	6.23
Mississippi.....	82.5	89.0	9.6	11.6	24.1	30.0	24.9	30.1	13.1	17.0	15.3	13.6	0.92	0.49	11.98	8.29
WEST SOUTH CENTRAL:																
Arkansas.....	82.0	89.8	12.9	14.5	28.2	33.3	30.1	36.1	14.8	19.0	20.6	18.6	0.74	0.40	12.26	7.63
Louisiana.....	83.7	87.9	15.8	13.2	30.2	28.8	22.2	27.1	16.4	16.4	15.6	13.3	0.63	0.47	10.36	7.69
Oklahoma.....	78.1	79.6	39.8	29.1	33.7	20.2	2.4	.....	15.9	27.6	17.6	.....	0.51	0.23	8.13	6.27
Texas.....	69.0	86.1	17.8	16.6	18.8	25.6	14.8	19.5	14.7	21.9	22.4	11.3	0.67	0.31	9.86	6.86
MOUNTAIN:																
Montana.....	6.2	4.0	5.8	6.1	0.3	0.2	0.1	0.1	28.8	28.0	14.0	28.7	0.68	0.55	19.48	12.61
Idaho.....	4.4	4.7	6.8	5.0	0.3	0.3	0.2	0.3	34.6	24.3	18.1	28.8	0.60	0.50	20.82	12.20
Wyoming.....	9.7	3.7	8.7	8.8	0.7	0.2	0.4	.....	19.0	19.2	12.7	.....	0.58	0.51	10.95	9.90
Colorado.....	27.5	19.9	25.7	17.4	7.6	3.7	6.5	3.7	15.0	15.0	12.7	19.8	0.55	0.40	8.19	5.96
New Mexico.....	29.1	49.2	8.3	6.8	5.9	12.6	10.9	17.5	13.5	16.4	20.4	16.3	0.84	0.62	11.44	10.16
Arizona.....	24.0	28.9	6.9	6.9	4.5	4.6	4.2	3.2	19.1	17.6	19.1	19.1	0.98	0.74	18.83	13.01
Utah.....	11.7	18.6	2.9	3.2	0.5	1.1	1.1	2.9	23.4	21.7	14.7	13.6	0.79	0.49	18.49	10.53
Nevada.....	6.1	7.0	3.5	3.8	0.1	0.1	( <sup>3</sup> )	0.1	35.5	25.2	23.9	26.5	1.14	0.81	40.34	20.42
PACIFIC:																
Washington.....	5.6	3.8	8.3	8.3	0.4	0.3	0.5	0.4	21.0	20.9	16.3	18.5	0.72	0.48	15.53	9.95
Oregon.....	8.2	7.9	4.7	6.0	0.4	0.5	0.3	0.3	20.1	21.2	19.7	22.5	0.69	0.43	17.96	9.16
California.....	6.5	7.4	9.1	10.1	0.5	0.5	0.6	0.7	24.5	27.4	33.9	27.8	0.85	0.47	20.75	13.00

<sup>1</sup> Includes South Dakota.

<sup>2</sup> See North Dakota.

<sup>3</sup> Includes Indian Territory.

<sup>4</sup> Less than one-tenth of 1 per cent.

WHEAT.

The United States as a whole.—The statistics for wheat for the United States as a whole are given in Table 16. Figures for acreage, production, and value, with increases or decreases, are shown in Table 19.

	WHEAT.			
	1909	1899	1889	1879
Number of farms reporting.....	1,458,667	2,053,912	.....	.....
Per cent of all farms.....	22.9	35.8	.....	.....
Acreage.....	44,262,592	52,588,574	33,579,514	35,430,333
Increase over preceding census.....	-8,325,982	19,009,060	-1,850,819	.....
Per cent of increase.....	-15.8	56.6	-5.2	.....
Acres per farm reporting.....	30.3	25.6	.....	.....
Per cent that acreage in wheat formed of—				
Total improved acreage.....	9.3	12.7	9.4	12.4
Total reported crop acreage.....	14.2	18.6	.....	.....
Production (bushels).....	683,379,259	658,534,252	468,373,968	459,483,137
Increase over preceding census.....	24,845,007	190,160,284	8,890,831	171,737,511
Per cent of increase.....	3.8	40.6	1.9	59.7
Average yield per acre.....	15.4	12.5	13.9	13.0
Per capita production.....	7.4	8.7	7.4	9.2
Value.....	\$657,656,801	\$369,945,320	.....	.....
Increase over preceding census.....	\$287,711,481	.....	.....	.....
Per cent of increase.....	77.8	.....	.....	.....
Average per bushel.....	\$0.96	\$0.56	.....	.....
Average per acre.....	\$14.86	\$7.03	.....	.....
Per cent that value of wheat formed of total value of all crops.....	12.0	12.3	.....	.....

<sup>1</sup> A minus sign (-) denotes decrease.

NOTE.—The production of wheat was 287,745,626 bushels in 1899 and 173,104,924 bushels in 1889. The per capita production was 7.5 bushels in 1899 and 5.5 bushels in 1889.

The area of wheat harvested in the United States decreased from 52,588,574 acres in 1899 to 44,262,592 in 1909, a decrease of 8,325,982 acres, or 15.8 per cent. The production of wheat, however, increased from 658,534,000 bushels in 1899 to 683,379,000 in 1909, an increase of 24,845,000 bushels, or 3.8 per cent. The decrease in the acreage of wheat was perhaps due in part to the late and cold spring of 1909, which prevented the sowing of wheat in some of the Northern states; on the other hand, most of the leading wheat growing states were outside of the region of excessive rains which affected the corn and oats crop and outside of the region, mostly in the Southwest, that suffered drought. Consequently the yield of wheat per acre was relatively high in 1909, 15.4 bushels, as compared with 12.5 bushels 10 years earlier.

The acreage of wheat, which was 35,430,033 in 1879, has decreased and increased in alternate decades, showing an increase of 8,832,259, or 24.9 per cent, for the period 1879-1909.

The production of wheat increased from 459,483,000 bushels in 1879 to 683,379,000 bushels in 1909, an increase of 223,896,000 bushels, or 48.7 per cent. The population of the country increased 83.4 per cent during the same period, and the per capita production of wheat thus declined from 9.2 bushels in 1879 to 7.4 bushels in 1909. But the exports of wheat also declined during this period, so that the per capita amount of wheat retained for home consumption increased from 6.1 bushels in 1879 to 6.5 bushels in 1909.

The value of the wheat crop was \$657,657,000 in 1909, as compared with \$369,945,000 in 1899, thus showing an increase of \$287,711,000, or 77.8 per cent during the decade. The average value per bushel rose from 56 cents in 1899 to 96 cents in 1909, and the average value per acre from \$7.03 to \$14.86.

The percentage of all farms reporting wheat fell from 35.8 in 1899 to 22.9 in 1909, while the average wheat acreage per farm reporting rose from 25.6 to 30.3 during the decade.

The census of 1909 was the first to present a complete classification of wheat raised into winter, spring, and durum or macaroni, the only other census attempting such a classification being that of 1879 which, however, gave only the production of the different kinds of wheat.

The difference between spring and winter wheat 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, being harvested the following summer. The difference between the two kinds of wheat is not generic, but is the result of artificial cultivation. The Bureau of the Census uses the terms simply to indicate the time of year when the wheat was sown and does not attempt to differentiate the two varieties; in most cases the seasonal distinction coincides with the botanical, but in states like New Mexico, Arizona, and southern California, 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 spring variety recently imported from Europe; it is a hardy plant noted for its resistance to drought and rust.

Table 17 shows, for the United States as a whole, the number and percentage of farms reporting each variety of wheat, and the acreage, production, and value of each kind.

	WHEAT.						
	Total.	Winter.	Spring.	Durum or macaroni.	Per cent of total.		
					Winter.	Spring.	Durum or macaroni.
Farms reporting....	1,458,667	1,174,021	275,990	37,017	80.5	18.9	2.5
Acreage.....	44,262,592	27,151,489	14,008,231	2,502,872	61.3	33.0	5.7
Production (bushels).....	683,379,259	419,732,982	223,687,230	39,958,947	61.4	32.7	5.8
Value.....	\$657,656,801	\$411,648,205	\$214,257,363	\$31,751,233	62.6	32.6	4.8

Of the total number of farms reporting wheat in 1909, 80.5 per cent reported winter wheat, 18.9 per cent reported spring wheat, and 2.5 per cent reported durum or macaroni. The sum of these three percentages exceeds 100 per cent because some farms reported more than one variety of wheat.

The acreage of wheat was distributed among the three varieties as follows: Winter, 61.3 per cent;

spring, 33 per cent; durum or macaroni, 5.7 per cent. The distribution of the production and of the value among the varieties of wheat was substantially the same as that of acreage, except that winter wheat represented a somewhat greater and durum or macaroni a somewhat smaller proportion of the value than of the acreage.

**Divisions and states.**—Tables 19, 20, 21, and 22 give, by divisions and states, statistics similar to those given for the United States as a whole in Table 16.

Nearly three-fourths of the wheat acreage of the United States in 1909 was in the two North Central divisions and nearly three-fifths was in the West North Central alone; of these divisions, the East North Central showed a decrease of 3,372,529 acres in wheat between 1899 and 1909, while the West North Central showed an increase of 778,248 acres. The only other division that showed an increase in wheat acreage between 1899 and 1909 was the Mountain division, where the increase was 342,502 acres, while in all of the other divisions the wheat acreage was decidedly smaller in 1909 than in 1899.

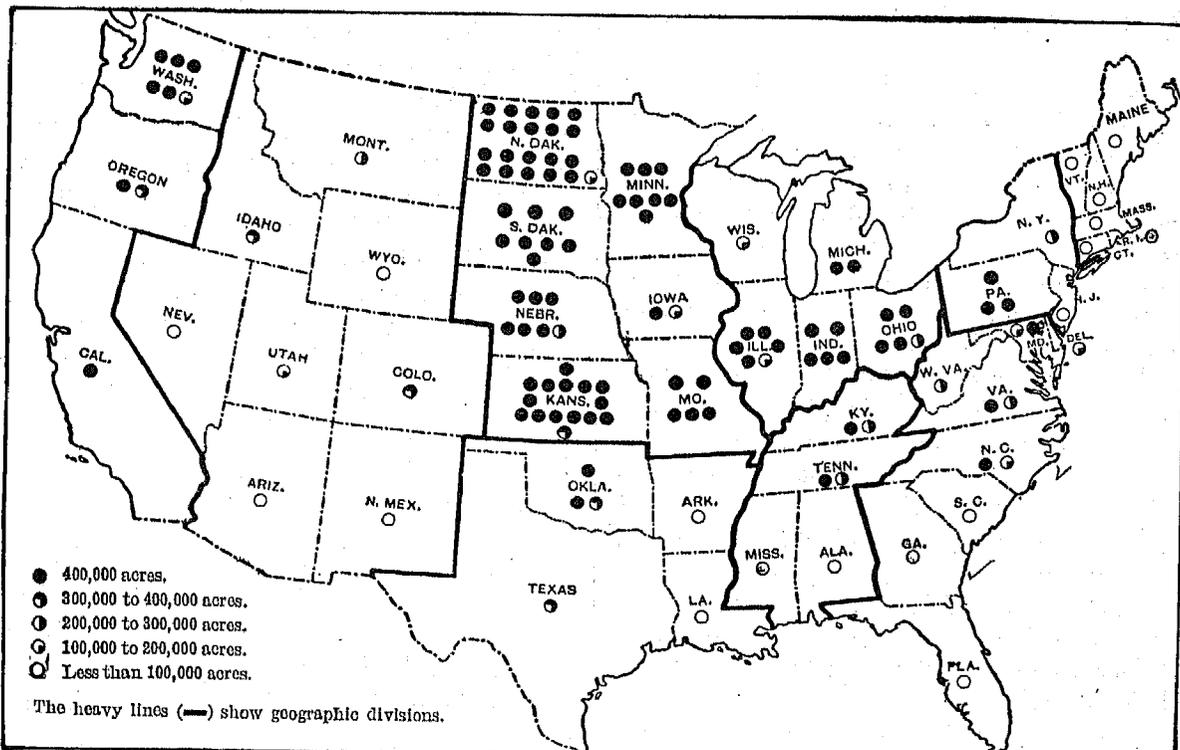
By far the most important wheat producing state is North Dakota, the wheat acreage of which in 1909

was 8,188,782, or over 1,000,000 acres more than that of any geographic division outside of the West North Central, of which North Dakota forms a part. Each of the states in this division, except Iowa, had a wheat acreage of over 2,000,000 in 1909, the acreage in Kansas being 5,973,785 and that in Minnesota 3,276,911. Outside of the West North Central division there were 6 states with a wheat acreage of over 1,000,000; 3 of these were in the East North Central division (Illinois, Indiana, and Ohio), the other 3 being Pennsylvania, Oklahoma, and Washington.

The greatest increase in wheat acreage between 1899 and 1909 was in North Dakota (3,737,531), large increases being reported also for Kansas (2,169,967) and Washington (1,029,913). Illinois and Nebraska were the only other important wheat producing states that showed increases in wheat acreage between 1899 and 1909, while all of the other states in the wheat region and most of those in the entire country showed decreases, the principal ones being those for Minnesota (3,283,796), California (2,205,188), Ohio (1,381,142), Iowa (1,162,928), and Michigan (1,123,632).

The distribution of the wheat acreage, by states, is shown by the following map:

WHEAT—ACREAGE, BY STATES: 1909.



California and Michigan are the two states that, having ranked among the first 10 in wheat acreage in 1899, were displaced, in 1909, by Washington and Illinois, neither of which states appeared in the list for 1899. California lost over 2,000,000 acres and Michigan lost over 1,000,000 during the decade.

Of the total production of wheat in 1909 (683,379,000 bushels), 384,092,000 bushels were raised in the West North Central and 121,098,000 bushels in the East

North Central division, the two divisions together producing nearly three-fourths of the total crop of the United States. Of these two leading divisions, the West North Central showed an increase between 1899 and 1909 of 77,490,000 bushels, amounting to 25.3 per cent, while the production in the East North Central division showed a decrease of 10.1 per cent. Each of the other divisions produced less wheat in 1909 than in 1899, with the single exception of the Moun-

tain division, which showed a very marked increase in wheat production during the decade and reported more wheat raised in 1909 than any of the southern divisions, all of which had far exceeded it in 1899.

The 10 states reporting the greatest number of acres in wheat in 1909 and in 1899 are listed according to rank in the following statement:

Rank.	STATE.	Acres.	Rank.	STATE.	Acres.
	1909			1899	
1	North Dakota.....	8,188,782	1	Minnesota.....	6,560,707
2	Kansas.....	5,973,785	2	North Dakota.....	4,451,251
3	Minnesota.....	3,276,911	3	South Dakota.....	3,994,659
4	South Dakota.....	3,217,255	4	Kansas.....	3,803,818
5	Nebraska.....	2,662,918	5	Ohio.....	3,209,074
6	Illinois.....	2,185,091	6	Indiana.....	2,893,293
7	Washington.....	2,118,015	7	California.....	2,683,405
8	Indiana.....	2,082,835	8	Nebraska.....	2,538,949
9	Missouri.....	2,017,128	9	Missouri.....	2,056,219
10	Ohio.....	1,827,932	10	Michigan.....	1,925,769

The 10 leading states in the production of wheat in 1909 and 1899 were as follows:

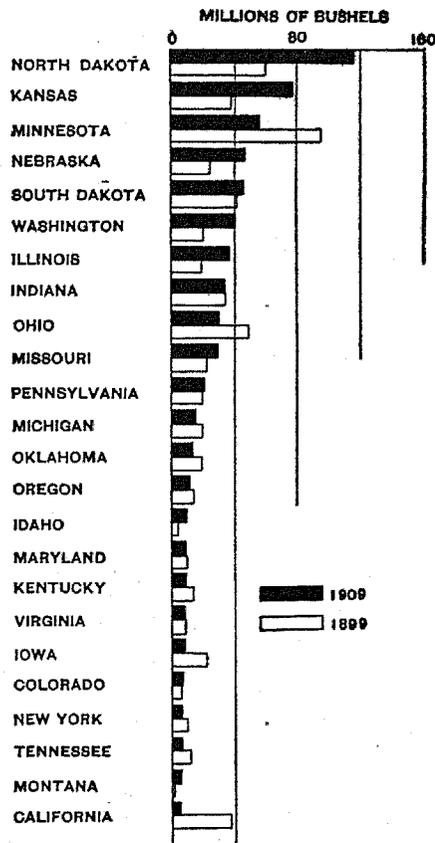
Rank.	STATE.	Production (bushels).	Rank.	STATE.	Production (bushels).
	1909			1899	
1	North Dakota.....	110,781,886	1	Minnesota.....	95,278,660
2	Kansas.....	77,577,115	2	North Dakota.....	59,888,810
3	Minnesota.....	57,094,412	3	Ohio.....	50,376,800
4	Nebraska.....	47,085,745	4	South Dakota.....	41,889,380
5	South Dakota.....	47,059,590	5	Kansas.....	38,778,450
6	Washington.....	40,920,890	6	California.....	36,534,407
7	Illinois.....	37,830,732	7	Indiana.....	34,986,280
8	Indiana.....	33,935,972	8	Nebraska.....	24,924,520
9	Ohio.....	30,663,704	9	Missouri.....	23,072,768
10	Missouri.....	29,837,429	10	Iowa.....	22,769,440

The list for 1909 includes two states, Washington and Illinois, that were not included in 1899, and excludes two, California and Iowa, both of which were included in 1899. The greatest absolute loss in wheat production was reported for Minnesota, which was the leading state, with 95,279,000 bushels of wheat raised, in 1899, but which had dropped to third place, with 57,094,000 bushels, in 1909, the decrease amounting to 38,184,000 bushels, or 40.1 per cent. The absolute loss in wheat production in California was the next largest, while the percentage of loss, 83, was greater in that state than in any other important state. Other notable losses were reported in Ohio and Iowa, while the greatest gains in wheat production were shown for North Dakota, 56,893,000 bushels, or 95 per cent; Kansas, 38,799,000 bushels, or 100 per cent; Nebraska, 22,761,000 bushels, or 91.3 per cent; Washington, 19,733,000 bushels, or 93.1 per cent, and Illinois, 18,035,000 bushels, or 91.1 per cent. Montana, Idaho, and Wyoming showed very great percentages of increase in wheat production between 1899 and 1909, but were still comparatively unimportant in 1909. In general, it can be said that the production of wheat has shown during the decade a tendency to move north and west.

The comparative diagram following shows approximately the production of wheat, by millions of bushels, in each of the principal wheat producing states in 1909 and 1899.

The value of the wheat crop was \$363,923,000 in 1909 in the West North Central and \$121,886,000 in the East North Central division. Next came the Pacific division with \$52,275,000, the Middle Atlantic with \$31,665,000, and the Mountain with \$25,930,000. Somewhat less than three-fourths of the increase in value of wheat between 1899 and 1909 was found in the West North Central division, in which the value of the wheat crop increased 128.5 per cent during the decade. The East North Central division showed the next highest absolute increase in the value of the wheat crop, while the Mountain division showed the third greatest absolute increase and the greatest percentage of increase, 197.5 per cent.

PRODUCTION OF WHEAT: 1909 AND 1899.



North Dakota was the only state in 1909 where the value of the wheat crop exceeded \$100,000,000, the next highest values being in Kansas, \$74,052,000, and in Minnesota, \$56,007,000. Eleven other states had a wheat crop valued at over \$10,000,000 each. North Dakota showed the greatest increase in the value of the wheat crop between 1899 and 1909, \$77,396,000, while every other state in the West North Central division showed a notable increase, with the exception of Minnesota, where the increase was only 10.7 per cent, and Iowa, in which the value of the wheat crop in 1909 was less than in 1899 by \$3,755,000, or 32.8 per cent. The greatest absolute losses, however, were those in California, \$13,855,000, and in Texas, \$4,160,000. In the Mountain and Pacific divisions, California was the only state which showed a

decrease in the value of the wheat crop, while the greatest increase (\$26,074,000, or 288.8 per cent) occurred in Washington.

The number of farms reporting wheat decreased between 1899 and 1909 in every geographic division except the Mountain division, but increased in some of the leading states, namely, Illinois, North Dakota, and Washington.

Increases in the average number of acres of wheat per farm reporting appeared in every geographic division except the Middle Atlantic, East North Central, and Pacific, the greatest increase being that in the West South Central, where the average wheat acreage was 29 in 1899, as compared with 44.4 in 1909. The average acreage of wheat per farm in 1909 was highest for the Pacific division, 105.8, and next highest for the West North Central, 57.9. Of the individual states there were three having an average of over 100 acres of wheat per farm reporting, namely, Washington, 152.8 acres, North Dakota, 137.9 acres, and California, 102.2 acres. In the last-named state the average wheat acreage per farm 10 years earlier had been more than twice as great, 212.9 acres, while the other two states showed increases.

The average yield of wheat per acre in 1909 was lowest in the southern divisions and highest in the New England and Mountain divisions, where it was 23.5 and 23.1 bushels, respectively. The high average yield per acre in New England was due to intensive methods of cultivation and the use of a great deal of fertilizer, while in the Mountain division it was due to the high productivity of irrigated fields. It is interesting to note that, outside of the South, the lowest average yield of wheat per acre was found in the principal wheat producing division, the West North Central, where the average yield was 14.8 bushels, and that the most important wheat raising states, North Dakota and Kansas, also showed low average yields of wheat per acre.

The average value of wheat per bushel, which increased between 1899 and 1909 in every division

and in every state, varied in 1909 from 87 cents in the Mountain division to \$1.08 in the South Atlantic division, and from 82 cents in Idaho to \$1.24 in South Carolina. In the individual states of the West North Central division the value per bushel ranged from 91 cents to \$1.

The average value of wheat per acre was highest in the New England and Mountain divisions in 1909, for the reason that the yield per acre was highest there. The value per acre showed a marked increase between 1899 and 1909 in nearly every state.

Table 23 shows, for the different varieties of wheat raised in 1909, the farms reporting, acreage, production, and value, by divisions and states. Table 18 shows, for divisions only, percentages based on Table 23. In all of the Southern states and in the Middle Atlantic and East North Central divisions practically all of the wheat acreage in 1909 was devoted to winter wheat, while in New England only about one-third (32.7 per cent) of the wheat acreage was planted to winter wheat; in the West North Central division about two-fifths (41.8 per cent); and in the Mountain and Pacific divisions about one-half and three-fifths, respectively (52.3 and 60.4 per cent). Spring wheat was most important in New England, where over two-thirds (67.2 per cent) of the total wheat acreage was devoted to that variety; the percentages were 48.8 in the West North Central, 42.6 in the Mountain, and 39.6 in the Pacific division. Durum or macaroni wheat was of importance only in the West North Central division, where it occupied 9.4 per cent of the wheat acreage, and in the Mountain division, where 5.1 per cent was devoted to its cultivation.

The percentages for production and for value are substantially similar to those for acreage, except that durum or macaroni wheat contributed a smaller proportion of the value than of the acreage of wheat in the two divisions where it was extensively cultivated, while in the West North Central division its share was greater in production than in acreage, and in the Mountain division it was less.

**Table 18**

DIVISION.	FARMS REPORTING.			ACREAGE.			PRODUCTION (BUSHELS).			VALUE.		
	Percentage of total reporting each kind of wheat.			Percentage of total reporting each kind of wheat.			Percentage of total reporting each kind of wheat.			Percentage of total reporting each kind of wheat.		
	Winter.	Spring.	Durum or macaroni.									
<b>United States</b> .....	80.5	18.0	2.5	61.3	33.0	5.7	61.4	32.7	5.8	62.6	32.6	4.8
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	31.9	68.1	0.3	32.7	67.2	0.1	32.4	67.5	0.1	29.2	70.7	0.1
Middle Atlantic.....	99.0	1.0	( <sup>1</sup> )	99.7	0.3	( <sup>1</sup> )	99.8	0.2	( <sup>1</sup> )	99.8	0.2	( <sup>1</sup> )
East North Central.....	94.5	5.0	0.2	98.4	1.5	0.1	98.4	1.0	0.1	98.4	1.5	0.1
West North Central.....	51.9	45.0	7.4	41.8	48.8	9.4	41.5	48.4	10.1	41.9	49.6	8.5
South Atlantic.....	100.0	( <sup>1</sup> )	( <sup>1</sup> )	100.0	( <sup>1</sup> )	( <sup>1</sup> )	100.0	( <sup>1</sup> )	( <sup>1</sup> )	100.0	( <sup>1</sup> )	( <sup>1</sup> )
East South Central.....	100.0	( <sup>1</sup> )	( <sup>1</sup> )	100.0	( <sup>1</sup> )	( <sup>1</sup> )	100.0	( <sup>1</sup> )	( <sup>1</sup> )	100.0	( <sup>1</sup> )	( <sup>1</sup> )
West South Central.....	99.2	0.7	0.1	99.5	0.4	0.1	99.7	0.3	( <sup>1</sup> )	99.7	0.3	( <sup>1</sup> )
Mountain.....	41.1	60.7	4.0	52.3	42.6	5.1	54.4	42.4	3.2	54.0	43.2	2.7
Pacific.....	69.5	41.1	0.1	60.4	39.6	( <sup>1</sup> )	61.2	38.7	( <sup>1</sup> )	60.6	39.4	( <sup>1</sup> )

<sup>1</sup> Less than one-tenth of 1 per cent.

Among the leading wheat producing states, North Dakota was first in the production of spring wheat and of durum or macaroni wheat; the latter was raised in considerable quantities only in three states—North

Dakota, which reported 19,176,000 bushels, South Dakota, with 15,845,000 bushels, and Minnesota, with 2,810,000 bushels. In the production of winter wheat, on the other hand, Kansas, with 76,982,000 bushels produced in 1909, and Nebraska, with 44,713,000 bushels, were the two most important states.

While the wheat acreage for the United States as a whole in 1909 showed an increase of 8,832,259, or 24.9 per cent, as compared with the acreage in 1879, this increase was entirely confined to the section of the country west of the Mississippi, where the wheat acreage in 1909 was 17,120,153 acres greater than that in 1879, while in the section east of the river the acreage in wheat decreased 8,287,894 during the period. The wheat acreage decreased between 1879 and 1909 in every geographic division and in every state east of the Mississippi, with the exception of Delaware and Maryland which showed small increases. On the other hand, while every division west of the Mississippi River showed a greater wheat acreage in 1909 than in 1879, some of the states west of the Mississippi also showed decided decreases; notable among these were Iowa, in which the acreage of wheat in 1909 (526,777) was not much more than one-sixth as great as that of 30 years earlier (3,049,288), and California, where the wheat acreage was 478,217 in 1909, as compared with 1,832,429 in 1879.

The increasing tendency of wheat raising to concentrate in the northwestern section of the country is clearly shown by the figures; no state east of the Mississippi showed an important increase; while of the row of states immediately west of the river, Minnesota showed a slight increase, and Iowa, Missouri, Arkansas, and Louisiana showed decreases; the last two being insignificant in wheat acreage at any time. Oklahoma was the only Southern state that showed an important increase in the acreage of wheat. The only increases of over 1,000,000 acres were in the Dakotas, Washington, Kansas, Nebraska, and Oklahoma.

The increase in wheat production between 1879 and 1909, as well as that in wheat acreage, was confined to the section of the country west of the Mississippi and aggregated 318,917,000 bushels in that section, while the territory east of the river showed a decrease of 95,021,000 bushels. There were only five states east of the river, Pennsylvania, Delaware, Maryland, Virginia, and North Carolina, that showed increases in wheat production between 1879 and 1909, while most of the states west of the river showed great increases, the two conspicuous exceptions being Iowa and California, in each of which wheat production suffered a very decided reduction during the period.

In 1879 the section east of the Mississippi contained 57.8 per cent of the total wheat acreage; in 1909 the percentage had fallen to 27.6, while the section west of the Mississippi, which had had only 42.2 per cent of the total in 1879, contained 72.4 per cent in 1909. On the other hand, the percentage of the wheat

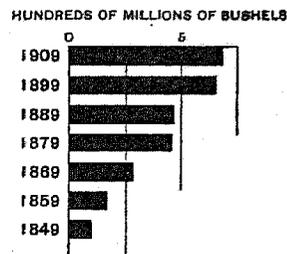
acreage in the South declined from 18.3 in 1879 to 11.6 in 1909, while during the same period that in the North increased from 74.3 to 78 and that in the West from 7.3 to 10.5. The West North Central division alone contained 58.4 per cent of the total wheat acreage in 1909, as compared with 33.2 per cent in 1879, while the percentage in the East North Central declined from 34.3 in 1879 to 15.9 in 1909.

Within the West North Central division, the two Dakotas, which together contained only 0.7 per cent of the country's wheat acreage in 1879, had over one-fourth of it (25.8 per cent) in 1909; and Kansas, which had 5.3 per cent in 1879, contained 13.5 per cent at the later date.

Among the changes in rank in wheat acreage between 1879 and 1909 some of the most significant are as follows: Illinois dropped from first place to sixth, Iowa from second to nineteenth, and Wisconsin from seventh to twenty-ninth, while North Dakota rose from twenty-third place to first and Kansas from eighth to second. On the Pacific coast, California dropped from ninth place in 1879 to twenty-first in 1909, while Washington advanced from twenty-ninth to seventh, thereby, curiously enough, changing places with Wisconsin, which, as mentioned above, dropped from seventh place to twenty-ninth during the period.

The production of wheat for the United States as a whole, 1849 to 1909, is shown in the diagram below.

PRODUCTION OF WHEAT: 1849 TO 1909.



The changes in the distribution of wheat production are substantially similar to those in acreage, but since the production figures go 20 years further back they bring out the movement of the wheat raising area toward the northwest even more strikingly than the acreage figures. In 1859 the West North Central division produced only 8.8 per cent of the total amount of wheat raised in the United States, while in 1909 it produced 56.2 per cent. The East North Central, South Atlantic, and Middle Atlantic states together produced more than three-fourths of the wheat raised in 1859, while in 1909 the aggregate for these three divisions was only a little more than one-fourth of the total wheat crop. In rank, North Dakota rose from forty-first to first during the 50 years, Kansas from thirty-first to second, and Minnesota from seventeenth to third. On the other hand, Illinois dropped from first to seventh place, Indiana from second to eighth, and Wisconsin and Maine, which were tied for third place in 1859, dropped to twenty-seventh and fortieth places, respectively, in 1909.

## WHEAT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 19 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELLS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States.....</b>	44,262,592	52,588,574	-8,325,982	-15.8	683,379,259	658,534,252	24,845,007	3.8	\$657,656,801	\$369,945,320	\$287,711,481	77.8
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	4,893	9,237	-4,344	-47.0	114,908	166,125	-51,127	-30.8	122,532	147,742	-25,210	-17.1
Middle Atlantic.....	1,598,325	2,204,350	-606,025	-27.5	29,717,833	32,947,945	-3,230,112	-9.8	31,665,041	23,393,223	8,271,818	41.4
East North Central...	7,038,364	10,410,893	-3,372,529	-32.4	121,097,675	134,098,890	-13,001,215	-10.1	121,885,650	85,051,479	36,834,171	43.3
West North Central...	25,893,556	25,085,308	778,248	3.1	384,092,121	309,002,028	77,490,093	25.3	363,923,162	159,281,250	204,641,912	128.5
South Atlantic.....	2,241,345	3,368,872	-1,127,527	-33.5	26,650,768	31,902,857	-5,252,089	-16.5	28,725,004	22,903,064	5,821,940	25.4
East South Central...	1,315,243	2,987,483	-1,672,240	-56.0	15,374,422	26,854,542	-11,480,120	-42.7	15,851,025	17,330,440	-1,488,415	-8.6
West South Central...	1,556,087	2,934,087	-1,378,000	-47.0	17,000,127	35,046,935	-17,050,808	-51.2	17,278,603	18,547,950	-1,269,347	-6.8
Mountain.....	1,285,360	942,858	342,502	36.3	29,654,968	18,084,360	11,570,608	64.0	25,930,395	8,715,518	17,214,877	197.5
Pacific.....	3,359,410	4,644,886	-1,285,476	-27.7	59,580,347	72,230,570	-12,650,223	-17.5	52,275,389	35,565,648	16,709,741	47.0
<b>NEW ENGLAND:</b>												
Maine.....	3,407	6,667	-3,260	-48.0	85,119	116,720	-31,601	-27.1	91,554	107,396	-15,842	-14.8
New Hampshire.....	70	271	-201	-74.2	1,311	4,035	-2,724	-67.5	1,406	3,428	-2,022	-59.0
Vermont.....	678	1,796	-1,118	-62.2	14,087	34,660	-20,573	-59.3	14,279	29,078	-14,799	-50.9
Massachusetts.....	109	95	14	( <sup>1</sup> )	2,404	1,750	654	37.4	2,515	1,515	1,000	66.0
Rhode Island.....	13	15	-2	( <sup>1</sup> )	208	310	-102	-32.9	211	245	-34	-13.9
Connecticut.....	616	393	223	56.7	11,869	8,660	3,209	37.1	12,567	6,080	6,487	108.7
<b>MIDDLE ATLANTIC:</b>												
New York.....	289,130	557,736	-268,606	-48.2	6,664,121	10,412,675	-3,748,554	-36.0	7,175,523	7,332,597	-157,074	-2.1
New Jersey.....	83,637	132,571	-48,934	-36.9	1,489,233	1,902,590	-413,357	-21.7	1,568,880	1,847,650	-278,770	-15.1
Pennsylvania.....	1,225,558	1,514,043	-288,485	-19.1	21,564,479	20,632,680	931,799	4.5	22,920,638	18,712,976	4,207,662	22.5
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,837,932	3,200,074	-1,362,142	-43.0	30,663,704	50,376,800	-19,713,096	-39.1	31,112,075	32,855,834	-1,743,759	-5.3
Indiana.....	2,082,835	2,893,293	-810,458	-28.0	33,935,972	34,086,280	-1,050,308	-3.0	33,593,141	22,228,916	11,364,225	51.1
Illinois.....	2,185,091	1,826,143	358,948	19.7	37,830,732	19,795,500	18,035,232	91.1	38,000,712	11,929,458	26,071,254	213.6
Michigan.....	802,137	1,925,769	-1,123,632	-58.3	16,025,791	20,535,140	-4,509,349	-22.0	16,586,868	12,921,925	3,664,943	28.3
Wisconsin.....	140,369	566,614	-416,245	-74.8	2,641,476	9,005,170	-6,363,694	-70.7	2,591,954	5,115,346	-2,523,392	-49.3
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	3,276,911	6,580,707	-3,303,796	-50.1	57,094,412	95,278,060	-38,184,248	-40.1	56,007,435	50,601,948	5,405,487	10.7
Iowa.....	526,777	1,689,705	-1,162,928	-68.8	8,055,944	22,769,440	-14,713,496	-64.6	7,703,205	11,457,808	-3,754,603	-32.8
Missouri.....	2,017,128	2,066,219	-49,091	-1.9	29,837,420	23,072,768	6,764,651	29.3	29,926,209	13,520,012	16,406,197	121.3
North Dakota.....	8,188,782	4,451,251	3,737,531	84.0	110,781,886	59,888,810	50,893,076	95.0	109,129,899	31,733,763	77,396,136	243.9
South Dakota.....	3,217,255	3,984,659	-767,404	-19.3	47,059,590	41,880,380	5,179,210	12.3	42,878,223	29,957,917	12,920,306	104.6
Nebraska.....	2,062,918	2,538,940	-476,022	-18.8	47,685,745	24,924,520	22,761,225	91.3	44,225,030	11,877,347	32,348,683	272.4
Kansas.....	5,973,785	3,808,818	2,164,967	57.0	77,577,115	38,778,450	38,708,665	100.1	74,052,291	19,132,455	54,919,836	287.0
<b>SOUTH ATLANTIC:</b>												
Delaware.....	111,215	118,740	-7,525	-6.3	1,043,572	1,870,570	-826,998	-44.1	1,097,539	1,247,055	-149,516	-12.0
Maryland.....	589,893	634,446	-44,553	-7.0	9,463,457	9,671,800	-208,343	-2.2	9,876,480	6,484,088	3,392,392	52.3
District of Columbia...	17	17	0	0.0	410	410	0	0.0	349	349	0	0.0
Virginia.....	692,007	927,260	-235,253	-25.3	3,076,989	8,007,510	-4,930,521	-61.6	8,776,061	6,161,000	2,615,061	42.4
West Virginia.....	209,315	447,928	-238,613	-53.3	2,575,906	4,326,150	-1,750,244	-40.5	2,697,141	3,040,314	-343,173	-11.3
North Carolina.....	501,912	746,084	-244,172	-32.8	3,827,145	4,342,351	-515,206	-11.9	4,429,322	3,463,720	965,602	27.6
South Carolina.....	43,028	174,245	-131,217	-75.3	310,614	1,017,319	-706,705	-69.5	385,835	958,158	-572,323	-59.7
Georgia.....	93,095	319,101	-226,006	-70.8	752,858	1,765,947	-1,013,089	-57.4	871,494	1,547,773	-676,279	-43.7
Florida.....	10	85	-75	( <sup>1</sup> )	137	800	-663	-82.9	132	601	-469	-78.0
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	681,323	1,431,027	-749,704	-52.4	8,739,200	14,264,500	-5,525,240	-38.7	8,812,469	8,923,760	-111,291	-1.2
Tennessee.....	619,861	1,426,112	-806,251	-56.5	6,516,539	11,924,010	-5,407,471	-45.3	6,913,335	7,882,697	-969,362	-12.3
Alabama.....	13,695	128,897	-115,202	-89.0	113,953	623,775	-514,822	-81.9	120,873	502,240	-381,367	-75.9
Mississippi.....	394	6,447	-6,053	-93.9	4,670	37,257	-32,587	-87.5	4,348	30,743	-26,395	-85.9
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	60,426	379,453	-319,027	-84.1	526,414	2,449,970	-1,923,556	-78.5	532,712	1,363,916	-831,204	-61.5
Louisiana.....	65	214	-149	-69.6	488	2,845	-1,857	-79.2	508	1,888	-1,380	-73.1
Oklahoma.....	1,169,420	21,527,073	-20,357,653	-23.4	14,008,334	20,328,300	-6,319,966	-31.1	13,854,322	10,110,675	3,743,647	37.0
Texas.....	326,176	1,027,947	-701,771	-68.3	2,560,891	12,266,320	-9,705,429	-79.1	2,891,661	7,051,477	-4,160,416	-59.0
<b>MOUNTAIN:</b>												
Montana.....	258,377	92,132	166,245	180.4	6,251,945	1,899,683	4,352,262	229.1	5,329,389	1,077,210	4,252,179	394.7
Idaho.....	399,234	266,305	132,929	49.9	10,237,909	5,340,180	4,897,429	91.7	8,412,587	2,131,953	6,280,634	294.6
Wyoming.....	41,968	19,416	22,552	116.2	738,698	348,890	389,808	111.7	644,251	191,195	453,056	237.0
Colorado.....	340,720	294,949	45,771	16.5	7,224,057	5,587,770	1,636,287	29.3	6,463,926	2,309,370	4,154,556	180.1
New Mexico.....	82,341	37,907	44,434	114.7	490,799	603,303	-103,504	-17.2	508,726	390,610	118,116	30.2
Arizona.....	20,028	24,377	-4,349	-17.8	362,875	440,252	-77,377	-17.6	410,214	276,639	133,575	48.3
Utah.....	178,438	189,235	-10,812	-5.7	3,943,610	3,418,470	530,440	15.5	3,765,017	1,576,064	2,188,953	139.0
Nevada.....	14,260	18,537	-4,277	-23.1	396,075	450,812	-54,737	-12.1	396,285	263,471	132,814	60.4
<b>PACIFIC:</b>												
Washington.....	2,118,015	1,088,102	1,029,913	94.7	40,920,390	21,187,527	19,732,863	93.1	35,102,370	9,028,209	26,074,161	288.8
Oregon.....	763,187	873,379	-110,192	-12.6	12,456,751	14,508,636	-2,051,885	-14.1	10,849,036	6,358,395	4,490,641	70.6
California.....	478,217	2,083,405	-2,205,188	-82.2	6,203,208	36,534,407	-30,331,201	-83.0	6,323,983	20,179,044	-13,855,061	-68.7

<sup>1</sup> Per cent not shown where base is less than 100.<sup>2</sup> Includes Indian Territory.

# INDIVIDUAL CROPS.

## WHEAT—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1909.

Table 20 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).			
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879
United States.....	1,458,687	2,053,912	44,262,592	52,588,574	33,579,514	35,430,333	683,379,259	658,534,252	468,373,968	459,483,137
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	2,236	4,585	4,893	9,237	15,106	79,003	114,998	166,125	289,124	1,227,037
Middle Atlantic.....	158,480	216,960	1,598,325	2,204,350	1,002,603	2,331,755	29,717,833	32,947,945	31,723,420	32,951,910
East North Central.....	432,165	612,912	7,038,364	10,410,893	9,325,839	12,165,280	121,097,675	134,698,890	146,737,543	204,827,456
West North Central.....	446,974	502,050	25,863,556	25,085,308	13,255,717	11,764,917	384,092,121	306,602,028	174,579,287	124,723,299
South Atlantic.....	212,246	341,873	2,241,345	3,368,872	2,670,335	3,244,860	26,650,768	31,902,857	27,435,104	28,534,367
East South Central.....	83,775	193,043	1,315,243	2,987,483	1,818,215	2,665,166	15,374,422	26,854,542	19,233,412	20,436,013
West South Central.....	35,048	101,167	1,556,087	2,934,687	494,985	579,155	17,096,127	35,046,935	5,269,444	3,842,486
Mountain.....	55,998	41,226	1,285,360	942,858	330,197	241,137	29,654,938	18,084,360	6,595,137	4,521,530
Pacific.....	31,745	40,096	3,359,419	4,644,886	3,766,517	2,359,060	59,580,347	72,230,570	56,611,497	38,419,039
<b>NEW ENGLAND:</b>										
Maine.....	1,433	3,254	3,407	6,667	4,116	43,829	85,119	116,720	79,826	665,714
New Hampshire.....	62	158	70	271	2,027	11,248	1,311	4,035	35,192	169,316
Vermont.....	360	896	678	1,796	8,397	20,748	14,087	34,650	164,720	337,257
Massachusetts.....	81	48	109	95	112	963	2,404	1,750	1,813	15,768
Rhode Island.....	7	8	13	15	11	17	208	310	91	240
Connecticut.....	293	221	616	393	443	2,198	11,869	8,660	7,482	28,742
<b>MIDDLE ATLANTIC:</b>										
New York.....	34,328	62,466	289,130	557,736	462,561	736,611	6,664,121	10,412,675	8,304,539	11,587,766
New Jersey.....	8,401	12,224	83,637	132,571	121,570	149,760	1,489,233	1,902,590	1,823,382	1,901,739
Pennsylvania.....	115,751	142,270	1,225,558	1,514,043	1,318,472	1,445,384	21,564,479	20,632,680	21,595,499	19,462,465
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	137,523	197,542	1,827,932	3,209,074	2,269,585	2,556,134	30,663,704	50,376,800	35,559,208	46,014,869
Indiana.....	104,273	131,800	2,082,835	2,893,293	2,570,017	2,619,695	33,935,972	34,986,280	37,318,798	47,284,853
Illinois.....	76,434	67,902	2,185,091	1,826,143	2,240,932	3,218,542	37,830,732	19,795,500	37,389,444	51,110,502
Michigan.....	82,214	135,973	802,137	1,925,769	1,501,225	1,822,749	16,025,791	20,535,140	24,771,171	35,532,543
Wisconsin.....	31,721	79,695	140,369	556,614	744,080	1,948,160	2,641,476	9,005,170	11,698,922	24,884,689
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	93,049	126,203	3,276,911	6,560,707	3,372,627	3,044,670	57,094,412	95,278,660	52,300,247	34,601,030
Iowa.....	36,254	84,798	526,777	1,089,705	585,548	3,049,288	8,055,944	22,769,440	8,249,786	31,154,295
Missouri.....	79,757	89,941	2,017,128	2,056,219	1,940,785	2,074,394	29,837,429	23,072,768	30,113,821	24,966,627
North Dakota.....	59,365	33,094	8,188,782	4,451,251	2,709,421	1,265,298	116,781,886	59,888,810	28,403,365	12,830,289
South Dakota.....	39,496	41,621	3,217,255	3,984,659	2,259,846	(?)	47,059,590	41,889,380	16,541,138	(?)
Nebraska.....	64,322	66,651	2,662,918	2,538,949	798,855	1,469,865	47,685,745	24,924,520	10,571,069	13,847,007
Kansas.....	74,701	59,742	5,973,785	3,803,818	1,532,635	1,861,402	77,577,115	38,778,450	20,399,571	17,324,141
<b>SOUTH ATLANTIC:</b>										
Delaware.....	4,827	5,620	111,215	118,740	94,368	87,539	1,643,572	1,870,570	1,501,050	1,175,272
Maryland.....	23,358	26,312	589,893	634,446	510,727	569,296	9,463,457	9,671,800	8,348,177	8,004,864
District of Columbia.....		3		17	30	284		410	600	6,402
Virginia.....	63,405	78,770	692,907	927,266	737,510	901,177	8,076,989	8,907,510	7,904,092	7,826,174
West Virginia.....	22,344	46,778	209,315	447,928	349,016	393,068	2,575,996	4,326,150	3,634,197	4,001,711
North Carolina.....	65,124	90,307	501,912	746,984	666,509	646,829	3,827,145	4,342,351	4,292,035	3,397,383
South Carolina.....	11,356	38,767	43,028	174,245	115,510	170,902	310,614	1,017,319	658,351	962,358
Georgia.....	21,827	55,299	93,065	319,161	196,633	475,684	752,858	1,765,947	1,066,312	2,159,771
Florida.....	5	17	10	85	32	81	137	800	290	422
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	37,164	83,132	681,323	1,431,027	898,694	1,160,108	8,739,260	14,264,500	10,707,462	11,356,113
Tennessee.....	44,013	86,503	619,861	1,426,112	877,361	1,196,563	6,516,539	11,924,010	8,300,789	7,331,353
Alabama.....	2,463	21,828	13,665	123,897	39,641	264,971	113,953	628,775	208,591	1,529,657
Mississippi.....	135	1,580	394	6,447	2,519	43,524	4,670	37,257	16,570	218,890
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	5,197	35,226	60,426	379,453	140,464	204,084	526,414	2,449,970	955,668	1,269,715
Louisiana.....	23	26	65	214	41	1,501	488	2,345	257	5,034
Oklahoma.....	23,003	26,108	1,169,420	1,527,073	2,003		14,008,334	20,328,300	30,175	
Texas.....	6,825	39,807	326,176	1,027,947	352,477	373,570	2,560,891	12,266,320	4,283,344	2,567,737
<b>MOUNTAIN:</b>										
Montana.....	8,164	3,671	258,377	92,132	18,696	17,665	6,251,945	1,899,683	457,607	469,688
Idaho.....	12,676	7,587	399,234	266,305	63,704	22,066	10,237,609	5,340,180	1,176,878	540,589
Wyoming.....	2,735	1,390	41,968	19,416	4,584	241	738,698	348,890	74,450	4,674
Colorado.....	11,719	8,106	340,729	294,949	126,999	64,693	7,224,057	5,587,770	2,845,439	1,425,014
New Mexico.....	6,100	5,943	32,341	37,907	21,853	51,230	499,799	603,303	343,484	706,641
Arizona.....	1,409	1,317	20,028	24,377	6,225	9,026	362,875	440,252	100,328	136,427
Utah.....	12,387	12,383	178,423	189,235	84,505	72,542	3,943,910	3,413,470	1,515,465	1,169,199
Nevada.....	748	829	14,260	18,537	3,631	3,674	396,075	450,812	81,486	69,298
<b>PACIFIC:</b>										
Washington.....	13,865	11,164	2,118,015	1,088,102	372,658	81,554	40,920,390	21,187,527	6,345,426	1,921,322
Oregon.....	13,202	16,329	763,187	873,379	553,052	445,077	12,456,751	14,508,636	9,296,734	7,480,010
California.....	4,678	12,603	2,683,495	2,840,807		1,832,429	6,203,206	36,534,407	40,869,337	29,017,707

<sup>1</sup> Includes South Dakota.

<sup>2</sup> See North Dakota.

<sup>3</sup> Includes Indian Territory.

WHEAT—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 21

DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
United States.....	100.0	100.0	100.0	100.0	.....	.....	.....	.....	100.0	100.0	100.0	100.0	100.0	100.0	.....	.....	.....	.....	.....	.....
GEOGRAPHIC DIVISIONS:																				
New England.....	(1)	(1)	(1)	0.2	9	9	9	9	(1)	(1)	0.1	0.3	0.3	0.6	.....	.....	.....	.....	.....	.....
Middle Atlantic.....	3.6	4.2	5.7	6.0	5	7	5	6	4.3	5.0	0.8	7.2	11.0	13.6	9	9	9	9	9	8
East North Central.....	15.9	19.8	27.8	34.3	2	2	2	1	17.7	20.5	31.3	44.6	44.4	40.1	2	2	2	4	3	3
West North Central.....	58.4	47.7	39.5	33.2	1	1	1	2	56.2	46.6	37.3	27.1	23.4	8.8	1	1	1	1	1	1
South Atlantic.....	5.1	6.4	8.0	9.2	4	4	4	3	3.9	4.8	5.9	6.2	7.8	16.6	6	6	5	5	4	2
East South Central.....	3.0	5.7	5.4	7.5	7	5	6	4	2.2	4.1	4.1	4.5	4.6	8.5	8	7	6	6	6	5
West South Central.....	3.5	5.6	1.5	1.6	6	6	7	7	2.5	5.3	1.1	0.8	0.4	1.4	7	4	8	8	8	7
Mountain.....	2.9	1.8	1.0	0.7	8	8	8	8	4.3	2.7	1.4	1.0	0.6	0.5	5	8	7	7	7	9
Pacific.....	7.6	8.8	11.2	6.7	3	3	3	5	8.7	11.0	12.1	8.4	6.7	4.0	3	3	3	3	5	6
NEW ENGLAND:																				
Maine.....	(1)	(1)	(1)	0.1	40	40	30	33	(1)	(1)	(1)	0.2	0.1	0.1	40	40	39	33	31	30
New Hampshire.....	(1)	(1)	(1)	(1)	45	44	42	38	(1)	(1)	(1)	(1)	0.1	0.1	45	44	41	38	36	29
Vermont.....	(1)	(1)	(1)	0.1	41	42	36	36	(1)	(1)	(1)	0.1	0.2	0.3	41	42	36	36	28	26
Massachusetts.....	(1)	(1)	(1)	(1)	44	46	45	43	(1)	(1)	(1)	(1)	(1)	0.1	44	46	45	42	41	33
Rhode Island.....	(1)	(1)	(1)	(1)	47	49	49	47	(1)	(1)	(1)	(1)	(1)	(1)	47	49	49	47	45	40
Connecticut.....	(1)	(1)	(1)	(1)	42	43	44	41	(1)	(1)	(1)	(1)	(1)	(1)	42	43	44	41	40	35
MIDDLE ATLANTIC:																				
New York.....	0.7	1.1	1.4	2.1	25	23	21	16	1.0	1.6	1.8	2.5	4.2	5.0	21	20	17	13	11	7
New Jersey.....	0.2	0.2	0.4	0.4	32	32	28	27	0.2	0.3	0.4	0.4	0.8	1.0	31	30	26	25	20	18
Pennsylvania.....	2.8	2.9	3.9	4.1	11	14	11	12	3.2	3.1	4.6	4.2	6.8	7.5	11	12	10	10	6	6
EAST NORTH CENTRAL:																				
Ohio.....	4.1	6.1	6.8	7.2	10	5	5	5	4.5	7.6	7.6	10.0	9.7	8.7	9	3	5	3	3	4
Indiana.....	4.7	5.5	7.7	7.4	8	6	4	4	5.0	5.3	8.0	10.3	9.6	9.7	8	7	4	2	4	2
Illinois.....	4.9	3.5	6.7	9.1	6	11	7	1	5.5	3.0	8.0	11.1	10.5	13.8	7	15	3	1	1	1
Michigan.....	1.8	3.7	4.5	5.1	13	10	10	10	2.3	3.1	5.3	7.7	5.6	4.8	12	13	9	4	9	9
Wisconsin.....	0.3	1.0	2.2	5.5	20	24	15	7	0.4	1.4	2.5	5.4	8.0	9.1	27	22	12	9	5	3
WEST NORTH CENTRAL:																				
Minnesota.....	7.4	12.5	10.0	8.6	3	1	1	3	8.4	14.5	11.2	7.5	6.6	1.3	3	1	1	5	7	17
Iowa.....	1.2	3.2	1.7	8.6	19	12	18	2	1.2	3.5	1.8	6.8	10.2	4.9	19	10	19	6	2	8
Missouri.....	4.6	3.9	5.8	5.9	9	9	8	6	4.4	3.5	6.4	5.4	5.0	2.4	10	9	7	8	10	15
North Dakota.....	18.5	8.5	8.1	20.7	1	2	3	23	17.1	9.1	5.6	20.6	20.1	(1,2)	1	2	8	22	28	41
South Dakota.....	7.3	7.6	6.7	(9)	4	3	6	(9)	6.9	6.4	3.5	(9)	(9)	(9)	5	4	11	(4)	(3)	(9)
Nebraska.....	6.0	4.8	2.4	4.1	5	8	14	11	7.0	3.8	2.3	3.0	0.7	0.1	4	8	14	12	22	32
Kansas.....	13.5	7.2	4.7	5.3	2	4	9	8	11.4	5.9	6.5	3.8	0.8	0.1	2	5	6	11	18	31
SOUTH ATLANTIC:																				
Delaware.....	0.3	0.2	0.3	0.2	30	34	30	28	0.2	0.3	0.3	0.3	0.3	0.5	30	32	28	29	24	23
Maryland.....	1.3	1.2	1.5	1.6	18	22	20	18	1.4	1.5	1.8	1.8	2.0	3.5	16	21	16	15	14	11
District of Columbia.....	(1)	(1)	(1)	(1)	.....	.....	.....	.....	(1)	(1)	(1)	(1)	(1)	(1)	.....	.....	.....	.....	.....	.....
Virginia.....	1.6	1.8	2.2	2.5	15	19	16	15	1.2	1.3	1.7	1.7	2.6	17.6	18	23	20	18	12	15
West Virginia.....	0.5	0.8	1.0	1.1	27	25	24	21	0.4	0.6	0.8	0.9	0.9	(6)	28	27	24	19	17	(6)
North Carolina.....	1.1	1.4	2.0	1.8	20	21	17	17	0.6	0.7	0.9	0.7	1.0	2.7	26	26	22	20	16	14
South Carolina.....	0.1	0.3	0.3	0.5	34	31	29	26	(1)	0.1	0.1	0.2	0.3	0.7	38	34	32	31	25	20
Georgia.....	0.2	0.6	0.6	1.3	31	27	25	19	0.1	0.3	0.2	0.7	0.7	1.5	32	33	30	21	21	16
Florida.....	(1)	(1)	(1)	(1)	48	47	47	46	(1)	(1)	(1)	(1)	(1)	(1)	48	47	47	46	.....	39
EAST SOUTH CENTRAL:																				
Kentucky.....	1.5	2.7	2.7	3.3	16	15	12	14	1.3	2.2	2.3	2.5	2.0	4.3	17	17	13	14	15	10
Tennessee.....	1.4	2.7	2.6	3.4	17	16	13	13	1.0	1.8	1.8	1.6	2.1	3.2	22	19	18	18	13	12
Alabama.....	(1)	0.2	0.1	0.7	39	33	33	24	(1)	0.1	(1)	0.3	0.4	0.7	39	35	35	26	23	21
Mississippi.....	(1)	(1)	(1)	0.1	43	41	41	34	(1)	(1)	(1)	0.1	0.1	0.3	43	41	43	37	32	25
WEST SOUTH CENTRAL:																				
Arkansas.....	0.1	0.7	0.4	0.6	33	26	26	25	0.1	0.4	0.2	0.3	0.3	0.6	34	29	31	28	26	22
Louisiana.....	(1)	(1)	(1)	(1)	46	45	46	42	(1)	(1)	(1)	(1)	(1)	(1)	46	45	48	44	43	36
Oklahoma.....	2.6	2.0	(1)	.....	12	13	43	.....	2.0	3.0	(1)	.....	.....	13	14	42	.....	.....	.....	
Texas.....	0.7	1.9	1.0	1.1	24	18	23	22	0.4	1.0	0.9	0.6	0.1	0.9	20	18	23	23	29	19
MOUNTAIN:																				
Montana.....	0.6	0.2	0.1	0.1	26	35	35	37	0.9	0.3	0.1	0.1	0.1	.....	23	31	33	35	37	.....
Idaho.....	0.9	0.5	0.2	0.1	22	20	32	35	1.5	0.8	0.3	0.1	(1)	.....	15	25	29	34	39	.....
Wyoming.....	0.1	(1)	(1)	(1)	35	38	38	45	0.1	(1)	(1)	(1)	.....	.....	33	39	40	45	.....	.....
Colorado.....	0.8	0.6	0.4	0.2	23	28	27	31	1.1	0.8	0.6	0.3	0.1	.....	20	24	25	27	33	.....
New Mexico.....	0.1	0.1	0.1	0.1	36	36	34	32	0.1	0.1	0.1	0.2	0.1	0.3	35	36	34	32	30	27
Arizona.....	(1)	(1)	(1)	(1)	37	37	37	39	0.1	0.1	(1)	(1)	(1)	.....	37	38	37	31	42	.....
Utah.....	0.4	0.4	0.3	0.2	28	30	31	30	0.6	0.5	0.3	0.3	0.2	0.2	25	28	27	30	27	28
Nevada.....	(1)	(1)	(1)	(1)	38	39	40	40	0.1	0.1	(1)	(1)	0.1	(1)	36	37	38	40	34	38
PACIFIC:																				
Washington.....	4.8	2.1	1.1	0.2	7	17	22	29	6.0	3.2	1.4	0.4	0.1	0.1	6	11	21	24	35	34
Oregon.....	1.7	1.7	1.6	1.3	14	20	19	20	1.8	2.2	2.0	1.6	0.8	0.5	14	16	15	17	19	14
California.....	1.1	5.1	8.5	5.2	21	7	2	9	0.9	5.5	8.7	6.3	5.8	3.4	24	6	2	7	8	22

<sup>1</sup> Less than one-tenth of 1 per cent. <sup>2</sup> Includes South Dakota. <sup>3</sup> See North Dakota. <sup>4</sup> Includes West Virginia. <sup>5</sup> See Virginia. <sup>6</sup> Includes Indian Territory.

INDIVIDUAL CROPS.

WHEAT—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BUSHEL AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

Table 22 DIVISION OR STATE.	FARMS REPORTING WHEAT.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHELS).				AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms.		Average acres per farm.		1909		1899		1909		1899		1909		1899	
	1909	1899	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899
United States.....	22.9	35.8	30.3	25.6	9.3	12.7	9.4	12.4	15.4	12.5	13.9	13.0	\$0.96	\$0.56	\$14.86	\$7.03
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	1.2	2.4	2.2	2.0	0.1	0.1	0.1	0.6	23.5	18.0	19.1	15.5	1.07	0.89	25.04	15.99
Middle Atlantic.....	33.8	44.7	10.1	10.2	5.5	7.2	6.0	7.0	18.6	14.9	16.7	14.1	1.07	0.68	19.81	10.16
East North Central.....	38.5	54.0	16.3	17.0	7.9	12.0	11.8	16.1	17.2	12.9	13.7	16.8	1.01	0.63	17.32	8.17
West North Central.....	40.3	47.3	57.9	50.0	15.7	18.5	12.6	19.2	14.8	12.2	13.2	10.6	0.95	0.52	14.07	6.35
South Atlantic.....	19.1	35.5	10.6	9.9	4.6	7.3	6.4	9.0	11.9	9.5	10.3	8.8	1.08	0.72	12.82	6.80
East South Central.....	8.0	21.4	15.7	15.5	3.0	7.4	5.1	8.6	11.7	9.0	10.6	7.7	1.03	0.65	12.05	5.80
West South Central.....	3.7	13.4	44.4	29.0	2.7	7.4	1.6	3.1	11.0	11.9	10.6	6.6	1.01	0.53	11.10	6.32
Mountain.....	30.5	40.7	23.0	22.9	8.1	11.2	6.0	10.9	23.1	19.2	20.0	18.8	0.87	0.48	20.17	9.24
Pacific.....	16.7	28.3	105.8	115.8	15.2	24.8	21.5	17.7	17.7	15.6	15.0	16.3	0.88	0.49	15.56	7.66
<b>NEW ENGLAND:</b>																
Maine.....	2.4	5.5	2.4	2.0	0.1	0.3	0.1	1.3	25.0	17.5	19.4	15.2	1.08	0.92	26.87	16.11
New Hampshire.....	0.2	0.5	1.1	1.7	(1)	(1)	0.1	0.5	18.7	14.9	17.4	15.1	1.07	0.85	29.09	12.65
Vermont.....	1.1	2.7	1.9	2.0	(1)	0.1	0.3	0.6	20.8	19.3	19.6	16.3	1.01	0.84	21.06	16.19
Massachusetts.....	0.2	0.1	1.3	2.0	(1)	(1)	(1)	(1)	22.1	18.4	16.2	16.4	1.05	0.87	23.07	15.95
Rhode Island.....	0.1	0.1	1.9	1.9	(1)	(1)	(1)	(1)	16.0	20.7	8.3	14.1	1.01	0.79	16.23	16.33
Connecticut.....	1.1	0.8	2.1	1.8	0.1	(1)	(1)	0.1	19.3	22.0	16.9	17.6	1.06	0.70	20.40	15.47
<b>MIDDLE ATLANTIC:</b>																
New York.....	15.4	27.6	8.4	8.9	1.9	3.6	2.8	4.2	23.0	18.7	18.0	15.7	1.08	0.70	24.82	13.15
New Jersey.....	25.1	35.3	10.0	10.8	4.6	6.7	6.1	7.1	17.8	14.4	15.0	12.7	1.05	0.71	18.76	10.17
Pennsylvania.....	52.7	63.4	10.6	10.6	9.7	11.5	10.0	10.8	17.6	13.6	16.4	13.5	1.06	0.66	18.70	9.06
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	50.6	71.4	13.3	16.2	9.5	16.7	12.4	14.1	16.8	15.7	15.7	14.0	1.01	0.65	17.02	10.24
Indiana.....	48.3	59.4	20.0	22.0	12.3	17.3	17.0	18.8	16.3	12.1	14.5	18.0	0.99	0.64	16.13	7.65
Illinois.....	29.1	25.7	28.6	26.9	7.8	6.6	8.7	12.3	17.3	10.8	16.7	15.9	1.00	0.60	17.39	6.53
Michigan.....	39.7	66.9	9.8	14.2	6.3	16.3	15.2	22.0	20.0	10.7	16.5	19.5	1.04	0.63	20.66	6.71
Wisconsin.....	17.9	46.9	4.4	7.0	1.2	4.9	7.6	21.3	18.8	16.2	15.7	12.8	0.98	0.57	18.47	9.19
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	59.6	81.6	35.2	52.0	16.7	35.6	30.3	42.0	17.4	14.5	15.5	11.4	0.98	0.53	17.09	7.71
Iowa.....	16.7	37.1	14.5	19.9	1.8	5.7	2.3	15.3	15.3	13.5	14.1	10.2	0.95	0.50	14.62	6.78
Missouri.....	28.8	31.6	25.3	22.9	8.2	9.0	9.8	12.4	14.8	11.2	15.5	12.0	1.00	0.59	14.84	6.58
North Dakota.....	79.8	73.0	137.9	134.5	40.0	46.2	58.2	23.1	14.3	13.5	9.7	10.7	0.93	0.53	13.33	7.13
South Dakota.....	50.9	79.1	81.5	95.7	20.3	35.3	32.5	(2)	14.6	10.5	7.3	(2)	0.91	0.50	13.33	5.26
Nebraska.....	49.6	54.8	41.4	38.1	10.9	13.8	5.2	26.7	17.9	9.8	13.2	9.4	0.93	0.48	16.61	4.68
Kansas.....	42.0	34.5	80.0	63.7	20.0	15.2	7.1	17.3	13.0	10.2	19.2	9.3	0.95	0.49	12.40	5.03
<b>SOUTH ATLANTIC:</b>																
Delaware.....	44.5	58.0	23.0	21.1	15.6	15.7	12.4	11.7	14.8	15.8	15.9	13.4	1.03	0.67	15.26	10.50
Maryland.....	47.7	57.2	25.3	24.1	17.6	18.0	15.0	17.0	16.0	15.2	16.3	14.1	1.04	0.67	16.74	10.22
District of Columbia.....	1.1	.....	.....	5.7	.....	0.3	0.3	2.2	.....	24.1	20.0	22.5	.....	0.85	.....	20.53
Virginia.....	34.5	46.9	10.9	11.8	7.0	9.2	8.1	10.6	11.7	9.6	10.7	8.7	1.09	0.69	12.67	6.64
West Virginia.....	23.1	50.4	9.4	9.6	3.8	8.1	7.7	10.4	12.3	9.7	10.4	10.2	1.05	0.70	12.89	6.79
North Carolina.....	25.7	40.2	7.7	8.3	5.7	9.0	8.5	10.0	7.6	5.8	6.4	5.3	1.15	0.80	8.81	4.64
South Carolina.....	6.4	25.0	3.8	4.5	0.7	3.0	2.2	4.1	7.2	5.8	5.7	5.6	1.24	0.94	8.97	5.50
Georgia.....	7.5	24.6	4.3	5.8	0.8	3.0	2.1	5.8	8.1	5.5	5.6	6.6	1.16	0.88	9.36	4.85
Florida.....	(1)	(1)	2.0	5.0	(1)	(1)	(1)	(1)	13.7	9.4	9.1	5.2	0.96	0.75	13.20	7.07
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	14.3	35.4	18.3	17.2	4.7	10.4	7.6	10.8	12.8	10.0	11.9	9.8	1.01	0.63	12.93	6.24
Tennessee.....	17.9	38.5	14.1	16.5	5.7	13.9	9.4	14.1	10.5	8.4	9.5	6.1	1.06	0.66	11.15	5.53
Alabama.....	0.9	9.8	5.5	5.7	0.1	1.4	0.5	4.2	8.3	5.1	5.3	5.8	1.06	0.80	8.85	4.05
Mississippi.....	(1)	0.7	2.9	4.1	(1)	0.1	(1)	0.8	11.9	5.8	6.6	5.0	0.93	0.83	11.04	4.77
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	2.4	19.7	11.6	10.8	0.7	5.5	2.6	5.7	8.7	6.5	6.8	6.2	1.01	0.56	8.82	3.65
Louisiana.....	(1)	(1)	2.8	8.2	(1)	(1)	(1)	0.1	7.5	11.0	6.3	3.4	1.04	0.81	7.82	8.82
Oklahoma.....	12.1	24.2	50.8	58.5	6.7	17.8	0.4	.....	12.0	13.3	15.1	.....	0.99	0.50	11.85	6.62
Texas.....	1.6	11.3	47.8	25.8	1.2	5.3	1.7	3.0	7.9	11.9	12.2	6.9	1.13	0.57	8.86	6.86
<b>MOUNTAIN:</b>																
Montana.....	31.1	27.5	31.6	25.1	7.1	5.3	2.0	6.7	24.2	20.6	24.5	26.6	0.85	0.57	20.63	11.69
Idaho.....	41.1	43.4	31.5	35.1	14.4	18.8	10.5	11.2	25.6	20.1	18.5	24.5	0.82	0.40	21.07	8.01
Wyoming.....	24.9	22.8	15.3	14.0	3.3	2.5	1.0	0.3	17.6	18.0	16.2	19.4	0.87	0.55	15.35	9.85
Colorado.....	25.4	32.8	29.1	36.4	7.0	13.0	7.0	10.5	21.2	18.9	22.4	22.0	0.89	0.50	18.97	9.52
New Mexico.....	17.3	48.3	5.2	6.4	2.2	11.6	8.3	21.6	15.5	15.9	15.7	13.8	1.02	0.65	15.73	10.30
Arizona.....	15.3	22.7	14.2	18.5	5.7	9.6	6.0	16.1	18.1	18.1	16.1	15.1	1.13	0.63	20.48	11.35
Utah.....	57.1	63.9	14.4	15.3	13.0	18.3	15.4	17.4	22.1	18.0	17.9	16.1	0.95	0.46	21.10	8.32
Nevada.....	27.8	38.0	19.1	22.4	1.9	3.2	0.5	1.1	27.8	24.3	22.4	18.9	1.00	0.58	27.79	14.21
<b>PACIFIC:</b>																
Washington.....	24.7	33.6	152.8	97.5	33.2	31.4	20.5	16.8	19.3	19.5	17.0	23.6	0.86	0.43	16.37	8.30
Oregon.....	29.0	45.6	57.8	53.5	17.9	26.2	15.7	20.2	16.3	16.6	16.8	16.8	0.87	0.44	14.22	7.28
California.....	5.3	17.4	102.2	212.9	4.2	22.4	23.2	17.2	13.0	13.6	14.4	15.8	1.02	0.55	13.22	7.52

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes South Dakota.

<sup>3</sup> See North Dakota.

<sup>4</sup> Includes Indian Territory.

WHEAT—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE OF ALL WHEAT

Table 23	DIVISION OR STATE.	ALL WHEAT.				WINTER WHEAT.			
		Farms reporting.	Acres.	Bushels.	Value.	Farms reporting.	Acres.	Bushels.	Value.
1	United States .....	1,458,667	44,262,592	683,379,259	\$657,656,801	1,174,021	27,151,489	419,732,982	\$411,648,265
2	GEOGRAPHIC DIVISIONS:								
3	New England.....	2,236	4,803	114,008	122,532	714	1,599	37,255	36,747
4	Middle Atlantic.....	158,480	1,598,325	20,717,833	31,065,041	150,073	1,593,751	29,648,117	31,591,576
5	East North Central.....	432,165	7,038,364	121,007,675	121,885,050	408,540	6,929,067	119,111,090	119,931,248
6	West North Central.....	440,974	25,863,556	384,092,121	363,923,102	231,927	10,820,128	159,253,635	152,633,440
7	South Atlantic.....	212,246	2,241,345	26,650,768	28,725,004	212,222	2,241,185	26,648,415	28,722,626
8	East South Central.....	83,775	1,315,243	15,374,422	15,851,025	83,770	1,315,223	15,374,262	15,850,882
9	West South Central.....	35,048	1,556,087	17,096,127	17,278,603	34,776	1,548,591	17,038,677	17,224,157
10	Mountain.....	55,998	1,285,360	29,654,968	25,930,395	23,012	672,314	16,141,565	14,005,267
11	Pacific.....	31,745	3,359,419	59,580,347	62,275,889	22,078	2,029,631	36,479,966	31,653,262
12	NEW ENGLAND:								
13	Maine.....	1,433	3,407	85,119	91,554	230	615	17,156	15,656
14	New Hampshire.....	62	70	1,311	1,406	32	48	838	851
15	Vermont.....	360	678	14,087	14,279	125	283	6,258	5,562
16	Massachusetts.....	81	109	2,404	2,515	55	73	1,710	1,739
17	Rhode Island.....	7	13	208	211	6	10	178	181
18	Connecticut.....	293	616	11,869	12,567	257	570	11,115	11,758
19	MIDDLE ATLANTIC:								
20	New York.....	34,328	289,130	6,064,121	7,175,523	33,116	285,823	6,013,741	7,121,215
21	New Jersey.....	8,401	83,637	1,480,233	1,568,880	8,388	83,584	1,488,242	1,567,892
22	Pennsylvania.....	115,751	1,225,558	21,564,479	22,920,638	115,409	1,224,344	21,546,184	22,902,469
23	EAST NORTH CENTRAL:								
24	Ohio.....	137,523	1,827,932	30,663,704	31,112,975	137,455	1,827,263	30,651,880	31,100,836
25	Indiana.....	104,273	2,082,835	33,935,972	33,593,141	104,135	2,080,879	33,901,949	33,559,918
26	Illinois.....	76,434	2,185,091	37,830,732	38,000,712	73,335	2,165,513	37,442,094	37,617,431
27	Michigan.....	82,214	802,137	16,025,791	16,586,868	79,588	793,606	15,899,301	16,458,871
28	Wisconsin.....	31,721	140,369	2,641,476	2,591,954	14,036	61,806	1,215,866	1,194,185
29	WEST NORTH CENTRAL:								
30	Minnesota.....	93,049	3,270,911	57,004,412	56,007,435	3,500	69,036	1,216,695	1,199,519
31	Iowa.....	36,284	526,777	8,055,944	7,703,205	15,379	236,708	4,310,922	4,134,006
32	Missouri.....	79,757	2,017,128	20,837,429	20,926,209	79,607	2,013,039	20,784,709	20,873,522
33	North Dakota.....	59,365	8,188,782	110,781,886	109,129,869	874	93,078	1,294,743	1,234,720
34	South Dakota.....	39,496	3,217,255	47,050,500	42,878,223	1,931	65,309	952,111	903,047
35	Nebraska.....	64,322	2,662,918	47,085,745	44,225,930	56,410	2,429,894	44,712,646	41,721,770
36	Kansas.....	74,701	5,973,786	77,577,115	74,052,201	74,166	5,913,064	76,981,809	73,566,535
37	SOUTH ATLANTIC:								
38	Delaware.....	4,827	111,216	1,643,572	1,697,539	4,822	111,172	1,643,113	1,697,045
39	Maryland.....	23,358	589,893	9,463,457	9,876,480	23,356	589,890	9,463,392	9,876,414
40	District of Columbia.....								
41	Virginia.....	63,405	692,907	8,070,989	8,776,061	63,405	692,907	8,070,989	8,776,061
42	West Virginia.....	22,344	200,315	2,575,096	2,667,141	22,330	209,211	2,574,271	2,665,427
43	North Carolina.....	65,124	501,912	3,827,145	4,420,322	65,124	501,912	3,827,145	4,420,322
44	South Carolina.....	11,356	43,023	310,614	385,835	11,355	43,024	310,554	385,775
45	Georgia.....	21,827	93,065	752,858	871,494	21,825	93,059	752,814	871,450
46	Florida.....	5	10	137	132	5	10	137	132
47	EAST SOUTH CENTRAL:								
48	Kentucky.....	37,164	681,323	8,739,200	8,812,469	37,162	681,311	8,739,153	8,812,362
49	Tennessee.....	44,013	619,861	6,510,539	6,913,335	44,013	619,861	6,510,539	6,913,335
50	Alabama.....	2,463	13,665	113,953	120,873	2,462	13,662	113,950	120,869
51	Mississippi.....	135	304	4,070	4,348	133	389	4,620	4,316
52	WEST SOUTH CENTRAL:								
53	Arkansas.....	5,197	60,426	520,414	532,712	5,191	60,387	520,059	532,409
54	Louisiana.....	23	65	488	508	23	65	488	508
55	Oklahoma.....	23,003	1,169,420	14,008,334	13,854,322	22,900	1,167,411	13,994,127	13,841,533
56	Texas.....	6,825	326,176	2,560,891	2,891,061	6,662	320,728	2,517,973	2,849,677
57	MOUNTAIN:								
58	Montana.....	8,164	258,377	6,251,945	5,320,389	2,806	127,600	3,212,709	2,688,762
59	Idaho.....	12,676	399,234	10,237,609	8,412,587	6,025	251,390	6,569,774	5,358,728
60	Wyoming.....	2,735	41,968	738,698	644,251	720	12,535	223,647	194,885
61	Colorado.....	11,710	340,729	7,224,057	6,463,926	4,137	126,578	3,136,076	2,856,513
62	New Mexico.....	6,160	32,341	499,799	508,726	2,617	13,451	211,215	219,945
63	Arizona.....	1,499	20,028	362,875	410,214	1,220	18,099	324,074	366,551
64	Utah.....	12,387	178,423	3,943,910	3,765,017	5,294	119,948	2,388,663	2,245,160
65	Nevada.....	748	14,260	396,075	396,285	103	2,713	74,507	74,393
66	PACIFIC:								
67	Washington.....	13,865	2,118,015	40,920,390	35,102,376	7,947	981,694	20,816,392	17,238,835
68	Oregon.....	13,202	763,187	12,456,751	10,849,036	10,302	621,532	10,323,000	8,931,233
69	California.....	4,673	478,217	6,203,200	6,323,983	3,739	426,405	5,340,574	5,483,264

# INDIVIDUAL CROPS.

AND OF THE PRINCIPAL WHEAT VARIETIES, BY DIVISIONS AND STATES: 1909.

DIVISION OR STATE.	SPRING WHEAT.				DURUM OR MACARONI WHEAT.			
	Farms reporting.	Acres.	Bushels.	Value.	Farms reporting.	Acres.	Bushels.	Value.
1 United States .....	275,990	14,608,231	223,687,330	\$214,257,363	37,017	2,502,872	39,958,947	\$31,751,233
<b>GEOGRAPHIC DIVISIONS:</b>								
2 New England.....	1,522	3,287	77,613	86,648	6	7	130	137
3 Middle Atlantic.....	1,627	4,519	68,947	72,082	22	55	769	783
4 East North Central.....	24,387	105,441	1,915,205	1,888,865	1,038	3,856	71,380	65,537
5 West North Central.....	201,175	12,611,800	185,921,974	180,340,494	33,285	2,431,628	38,916,512	30,949,228
6 South Atlantic.....	12	59	607	637	15	101	1,746	1,741
7 East South Central.....	4	10	60	43	1	10	100	100
8 West South Central.....	228	6,529	52,264	49,935	44	967	5,186	4,511
9 Mountain.....	34,003	547,836	12,567,980	11,213,530	2,581	65,210	945,423	711,598
10 Pacific.....	13,032	1,328,750	23,082,680	20,804,529	25	1,038	17,701	17,598
<b>NEW ENGLAND:</b>								
11 Maine.....	1,193	2,789	67,895	75,836	2	3	68	62
12 New Hampshire.....	30	21	465	540	1	1	8	15
13 Vermont.....	236	394	7,797	8,685	2	1	32	32
14 Massachusetts.....	25	34	672	748	1	2	22	28
15 Rhode Island.....	1	3	30	30	-	-	-	-
16 Connecticut.....	37	46	754	809	-	-	-	-
<b>MIDDLE ATLANTIC:</b>								
17 New York.....	1,275	3,266	49,781	53,734	18	41	599	574
18 New Jersey.....	13	53	991	988	-	-	-	-
19 Pennsylvania.....	339	1,200	18,175	17,960	4	14	170	209
<b>EAST NORTH CENTRAL:</b>								
20 Ohio.....	89	658	11,595	11,979	6	11	229	160
21 Indiana.....	160	1,954	33,975	33,172	2	2	48	51
22 Illinois.....	3,297	19,267	383,431	378,347	43	311	5,207	4,934
23 Michigan.....	2,745	8,368	124,082	125,684	61	163	2,408	2,306
24 Wisconsin.....	18,096	75,194	1,362,122	1,339,683	926	3,369	63,488	58,088
<b>WEST NORTH CENTRAL:</b>								
25 Minnesota.....	87,063	3,034,120	53,068,049	52,539,200	5,715	173,755	2,509,668	2,268,425
26 Iowa.....	22,327	288,810	3,726,593	3,553,695	191	1,259	18,429	15,474
27 Missouri.....	185	4,020	52,125	52,142	6	69	595	545
28 North Dakota.....	53,364	6,872,515	96,311,566	92,587,299	11,075	1,223,189	19,176,577	15,307,850
29 South Dakota.....	29,528	2,205,397	30,262,654	29,391,215	13,650	946,549	15,844,925	12,583,961
30 Nebraska.....	8,169	177,688	2,201,750	1,951,946	1,940	55,336	771,349	552,214
31 Kansas.....	539	29,250	299,337	264,997	708	31,471	295,969	229,759
<b>SOUTH ATLANTIC:</b>								
32 Delaware.....	5	43	459	494	-	-	-	-
33 Maryland.....	-	-	-	-	2	3	65	68
34 District of Columbia.....	-	-	-	-	-	-	-	-
35 Virginia.....	-	-	-	-	-	-	-	-
36 West Virginia.....	5	8	52	47	12	96	1,673	1,667
37 North Carolina.....	-	-	-	-	-	-	-	-
38 South Carolina.....	1	4	60	60	-	-	-	-
39 Georgia.....	1	4	36	36	1	2	8	8
40 Florida.....	-	-	-	-	-	-	-	-
<b>EAST SOUTH CENTRAL:</b>								
41 Kentucky.....	1	2	7	7	1	10	100	100
42 Tennessee.....	-	-	-	-	-	-	-	-
43 Alabama.....	1	3	3	4	-	-	-	-
44 Mississippi.....	2	5	50	32	-	-	-	-
<b>WEST SOUTH CENTRAL:</b>								
45 Arkansas.....	5	26	263	263	1	13	62	40
46 Louisiana.....	-	-	-	-	-	-	-	-
47 Oklahoma.....	87	1,696	12,719	11,536	16	313	1,488	1,223
48 Texas.....	136	4,807	39,282	38,136	27	641	3,636	3,248
<b>MOUNTAIN:</b>								
49 Montana.....	5,399	117,950	2,755,532	2,414,181	627	12,827	283,704	226,416
50 Idaho.....	7,658	147,475	3,662,675	3,050,056	27	369	5,160	3,893
51 Wyoming.....	1,941	26,359	480,416	422,833	251	3,074	34,635	26,833
52 Colorado.....	7,162	165,374	3,467,867	3,155,317	1,649	48,777	619,214	452,096
53 New Mexico.....	3,548	18,761	286,465	286,601	18	129	2,119	2,180
54 Arizona.....	189	1,929	38,801	43,363	-	-	-	-
55 Utah.....	7,550	58,442	1,554,684	1,519,322	7	33	563	535
56 Nevada.....	556	11,546	321,540	321,857	2	1	28	35
<b>PACIFIC:</b>								
57 Washington.....	8,313	1,135,847	20,094,376	17,854,573	9	474	9,622	8,972
58 Oregon.....	3,755	141,551	2,130,761	1,914,954	9	104	2,990	2,849
59 California.....	964	51,352	857,543	835,002	7	460	5,089	5,777

OATS.

The United States as a whole.—The statistics for oats for the United States as a whole are given in Table 24.

Table 24	OATS.			
	1909	1899	1889	1879
Number of farms reporting.	2,174,006	2,114,559		
Per cent of all farms.	34.2	36.9		
Acreage.	35,159,441	29,539,698	28,320,677	16,144,593
Increase over preceding census.	5,619,743	1,219,021	12,170,084	
Per cent of increase.	19.0	4.3	75.4	
Acres per farm reporting.	16.2	14.0		
Per cent that acreage in oats formed of—				
Total improved acreage.	7.3	7.1	7.9	5.7
Total reported crop acreage.	11.3	10.4		
Production (bushels).	1,007,142,080	943,389,375	809,250,666	407,858,009
Increase over preceding census.	63,753,605	134,138,709	401,301,667	125,751,842
Per cent of increase.	6.8	14.6	88.4	44.6
Average yield per acre.	28.6	31.9	28.6	25.3
Value.	\$414,097,422	\$217,098,584		
Increase over preceding census.	\$107,598,838			
Per cent of increase.	91.0			
Average per bushel.	\$0.41	\$0.23		
Average per acre.	\$11.79	\$7.35		
Per cent that value of oats formed of total value of all crops.	7.6	7.2		

NOTE.—The production of oats was 282,107,157 bushels in 1869 and 172,043,185 bushels in 1859.

The acreage of oats in the United States in 1909 was 35,159,441, an increase of 5,619,743 acres, or 19 per cent, over that of 1899, which was 29,539,698. The production of oats, however, increased much less rapidly, from 943,389,000 bushels in 1899 to 1,007,143,000 in 1909, an increase of 63,754,000 bushels, or 6.8 per cent. The comparatively low percentage of increase in the production of oats is probably due to the excess of rain which prevailed in the latter part of the growing season of 1909 in some of the important oats raising states, notably Illinois, Indiana, Ohio, and Kansas; and also to the drought which affected the crop in the Southwest, especially in Oklahoma and Texas. The yield of oats per acre showed a decline from 31.9 bushels in 1899 to 28.6 bushels in 1909.

The acreage of oats showed an uninterrupted increase between 1879 and 1909, the greatest increase taking place during the decade 1879-1889. The gain for the 30 years was 19,014,848 acres, or 117.8 per cent.

The production of oats nearly doubled between 1879 and 1889, but has been increasing at a much lower rate since then; the quantity produced in 1909, however, was nearly two and one-half times as great as that raised 30 years earlier, and the yield per acre was greater in 1909 than in 1879, although there was a decrease between 1899 and 1909.

The value of the oats crop in 1909 was \$414,697,000, showing an increase of 91 per cent over that of 1899, while the value per bushel rose from 23 cents to 41 cents and the value per acre from \$7.35 to \$11.79.

The number of farms reporting oats was 2,174,006 in 1909, as compared with 2,114,559 in 1899, but the percentage that the farms reporting oats formed of all

farms declined from 36.9 to 34.2 during the decade. The average number of acres per farm reporting rose from 14 to 16.2 between 1899 and 1909.

Divisions and states.—Tables 25 to 28, inclusive, give, by divisions and states, information similar to that in Table 24 for the United States as a whole. More than three-fourths of the acreage in oats in 1909 was in the two North Central divisions, the West North Central having 15,710,495 acres and the East North Central 11,225,445 acres. Each of these divisions showed a substantial increase in acreage between 1899 and 1909, the percentages of increase being 29.7 for the West North Central and 11.3 for the East North Central division. The Middle Atlantic and the West South Central divisions, on the other hand, which ranked third and fifth in acreage of oats, both showed decreases between 1899 and 1909, while all the remaining divisions showed increases, that for the Mountain division being 752,014 acres, or 182.4 per cent, the highest percentage for any division.

The two states that had an acreage of oats exceeding 4,000,000, Iowa and Illinois, both showed a decrease between 1899 and 1909, the former of 0.9 per cent and the latter of 8.6 per cent. All the states in the West North Central division except Iowa showed increases in the acreage of oats, the greatest being that in North Dakota, which amounted to 1,366,515, or 175.1 per cent; in the East North Central division all the states except Illinois and Wisconsin showed considerable increases. The only states outside of the two North Central divisions that had an acreage of oats in excess of 1,000,000 in 1909 were New York and Pennsylvania, and both showed slight decreases between 1899 and 1909. The only state in the South that had an acreage of oats exceeding 500,000 was Oklahoma, in which the acreage had nearly doubled during the decade, while no state in the West reported an acreage of oats amounting to 500,000, but all of the states in that part of the country showed increases, most of which were relatively great.

The distribution of the acreage in oats, by states, is shown by the map on the opposite page.

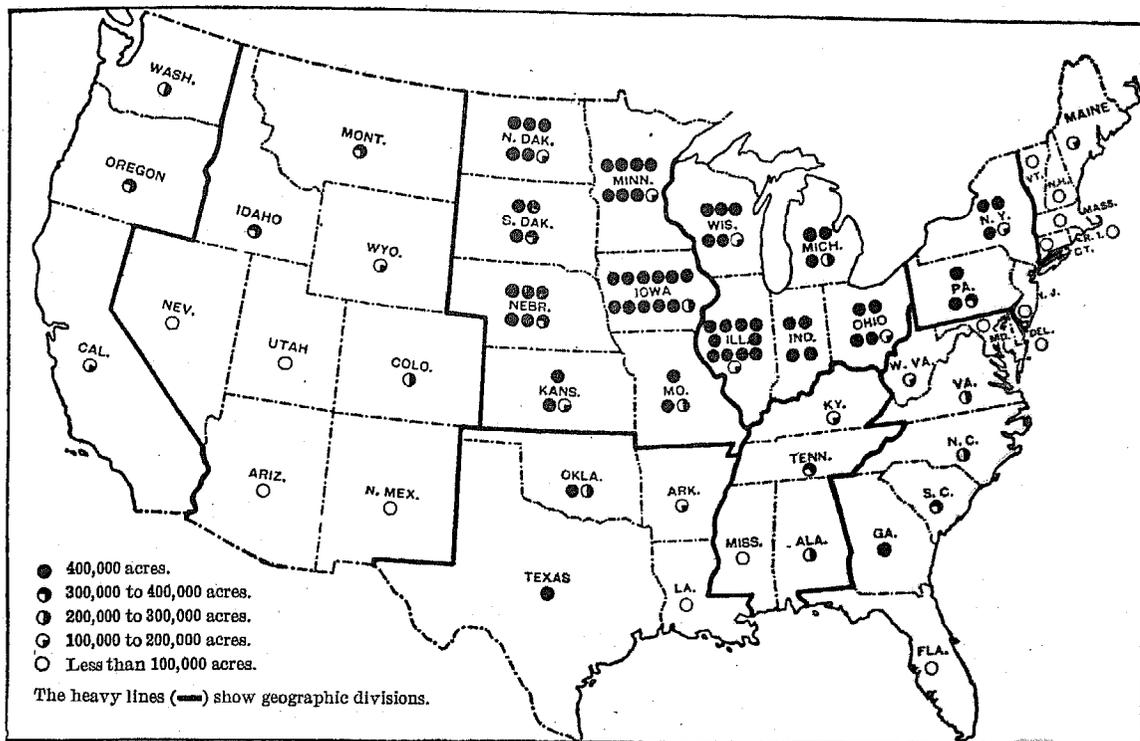
The 10 states having the greatest acreage of oats in 1909 and 1899 were as follows:

Rank.	STATE.	Aeres.	Rank.	STATE.	Aeres.
	1909			1899	
1	Iowa.....	4,855,154	1	Iowa.....	4,685,391
2	Illinois.....	4,170,485	2	Illinois.....	4,570,084
3	Minnesota.....	2,977,258	3	Wisconsin.....	2,365,115
4	Nebraska.....	2,868,774	4	Minnesota.....	2,201,325
5	Wisconsin.....	2,194,570	5	Nebraska.....	1,624,827
6	North Dakota.....	2,147,032	6	New York.....	1,329,753
7	Ohio.....	1,787,496	7	Pennsylvania.....	1,173,847
8	Indiana.....	1,667,818	8	Ohio.....	1,115,149
9	South Dakota.....	1,558,043	9	Michigan.....	1,019,538
10	Michigan.....	1,429,076	10	Indiana.....	1,017,385

New York and Pennsylvania dropped out of the list during the decade, while North and South Dakota were added to it in 1909.

# INDIVIDUAL CROPS.

OATS—ACREAGE, BY STATES: 1909.



Of the 1,007,143,000 bushels of oats produced in 1909, 432,660,000 bushels were raised in the West North Central and 373,804,000 bushels in the East North Central division, the two divisions together producing more than four-fifths of the total crop of the United States. The East North Central division showed a smaller amount of oats produced in 1909 than 10 years earlier, while the production in the West North Central division increased by 45,682,000 bushels, or 11.8 per cent, during the decade. The greatest absolute decrease in the production of oats, 15,286,000 bushels, occurred in the Middle Atlantic division and the next greatest, 10,654,000 bushels, in the West South Central, while the Mountain division showed an increase of 28,085,000 bushels, or 224.3 per cent.

The 10 leading states in the production of oats in 1909 and in 1899 were as follows:

Rank.	STATE.	Production (bushels).	Rank.	STATE.	Production (bushels).
<b>1909</b>					
1	Illinois.....	150,386,074	1	Illinois.....	180,305,630
2	Iowa.....	128,198,055	2	Iowa.....	168,364,170
3	Minnesota.....	93,897,717	3	Wisconsin.....	84,040,800
4	Wisconsin.....	71,349,038	4	Minnesota.....	74,054,150
5	North Dakota.....	65,886,702	5	Nebraska.....	58,007,140
6	Ohio.....	57,591,046	6	Ohio.....	42,050,910
7	Nebraska.....	53,360,185	7	New York.....	40,785,900
8	Indiana.....	50,607,913	8	Pennsylvania.....	37,242,810
9	Michigan.....	43,869,502	9	Michigan.....	36,338,145
10	South Dakota.....	43,565,676	10	Indiana.....	34,565,070

In the production of oats as well as in the acreage New York and Pennsylvania dropped out of the list of 10 leading states between 1899 and 1909, while North and South Dakota were added during that period. Illinois and Iowa were the leading states in

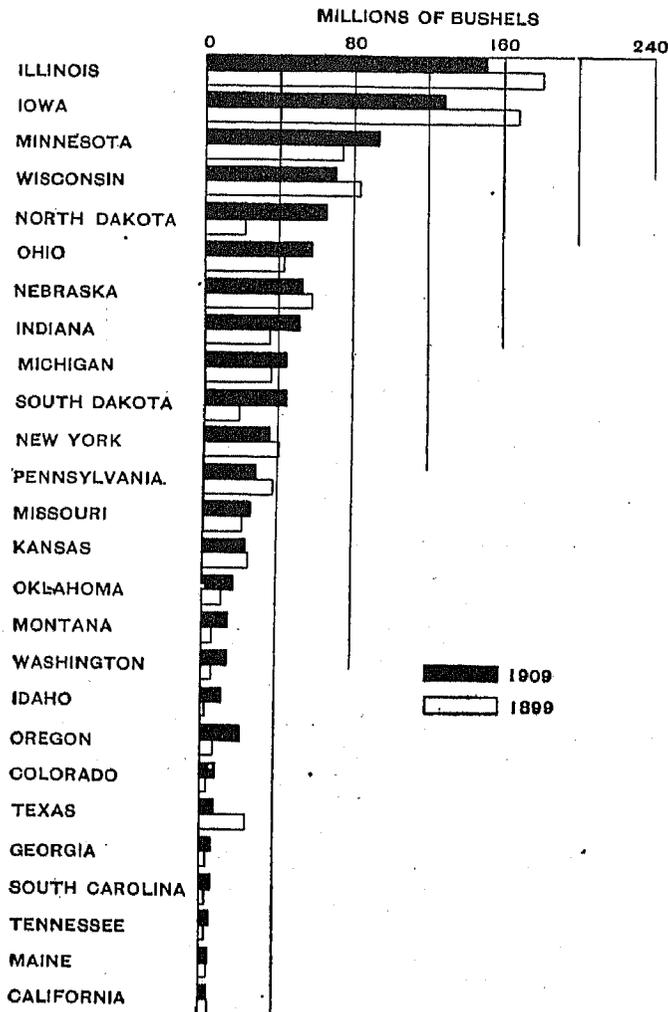
the production of oats at both enumerations, but owing to unfavorable weather conditions in 1909 both these states showed large losses in production, while the effect of the drought in Texas was seen in a loss of 17,156,000 bushels, or 70.9 per cent, in the oats crop of that state. The principal increases in the production of oats between 1899 and 1909 were in North and South Dakota, Minnesota, Indiana, and Ohio, while all of the states in the West, excepting only California, showed increases in the oats crop, the increase in Idaho amounting to 9,372,000 bushels, or 479 per cent, and that in Montana to 9,060,000, or 190.9 per cent.

The value of oats raised in 1909 was \$162,647,000 in the West North Central and \$149,004,000 in the East North Central division. The greatest values for any state were reported for Illinois, \$59,694,000, and Iowa, \$49,047,000; every state in the two North Central divisions except Kansas, and in the Middle Atlantic division except New Jersey had an oats crop valued at more than \$10,000,000 in 1909, while no state outside of these three divisions raised oats valued at as much as that amount. Between 1899 and 1909 an increase in the value of oats produced took place in every division and in every state except Texas and Kentucky. Among the divisions the increases were greatest in the West North Central, \$82,677,000, or 103.4 per cent; the East North Central, \$67,123,000, or 82 per cent; and the Mountain, \$14,969,000, or 318.2 per cent. The states showing the principal increases between 1899 and 1909 were Illinois, where the value of the oats crop increased \$22,704,000, or 61.4 per cent, although the acreage and production of oats decreased in that state, and North Dakota,

with an increase of \$18,262,000, or 312 per cent. The relative increases were greatest in Idaho (620.8 per cent), and Wyoming (524.9 per cent).

The comparative diagram below shows for each of the principal oats producing states the approximate yield, in millions of bushels, for both 1909 and 1899.

PRODUCTION OF OATS: 1909 AND 1899.



The proportion of the total number of farms reporting oats increased between 1899 and 1909 in the two North Central divisions, in the South Atlantic, and the Mountain. Of the leading states, Iowa, Illinois, Minnesota, Wisconsin, and South Dakota showed decreases in this proportion, while Nebraska, North Dakota, Ohio, Indiana, and Michigan showed increases.

The average value of oats per bushel was higher in 1909 than in 1899 in every division and every state. The average value in 1909 varied from 38 cents in the West North Central division to 63 cents in the South Atlantic.

The average value of oats per acre increased between 1899 and 1909 in every division and every state, and ranged in 1909 from \$7.51 in the East South Central division and \$9.78 in the South Atlantic to \$18.04 in the New England division.

The increase of the acreage of oats between 1879 and 1909 was not evenly distributed over the country, every division west of the Mississippi showing a substantial increase, and the total increase for that section aggregating 14,326,856 acres, while the only division east of the river that showed an increase was the East North Central, and the aggregate increase for the section was only 6,239,853 acres.

An increase of the acreage of oats between 1879 and 1909 took place in every state of the section west of the Mississippi and in every state of the East North Central division, the principal increases being in Iowa, 3,147,577 acres, Minnesota, 2,359,789 acres, and Illinois, 2,216,596 acres, while decreases were reported from nearly every state in the divisions on the Atlantic coast and the East South Central division, the three exceptions being Maine, New York, and South Carolina, which showed slight increases.

The great increase in the production of oats in the country as a whole, as well as in the principal states, took place in the decade 1879 to 1889, while since the latter year the production for the country as a whole has increased at a much lower rate; some of the individual states have reported actual decreases. The increases in the production of oats between 1879 and 1909 were confined to the same geographic divisions as the increases in acreage, and very largely to the same states. The two states, Illinois and Iowa, that in 1909 produced together more than one-fourth of all the oats raised in the United States, also showed the greatest absolute increases in the production of oats in 1909 as compared with 1879. Each of these states, however, produced a less quantity of oats in 1909 than 10 years earlier, and Iowa produced less than at any census since 1879.

The increasing concentration of the acreage of oats in the two North Central divisions is clearly indicated by the percentages in Table 27. These two divisions contained 54.8 per cent of the acreage of oats in 1879 and 76.6 per cent in 1909, practically all of the increase, however, taking place in the West North Central division. The other divisions west of the Mississippi also showed a gain (from 4.8 per cent to 9.2 per cent for the three taken together), while the three Atlantic coast divisions and the East South Central, which contained 40.4 per cent of the acreage of oats in 1879, contained in the aggregate only 14.2 per cent in 1909.

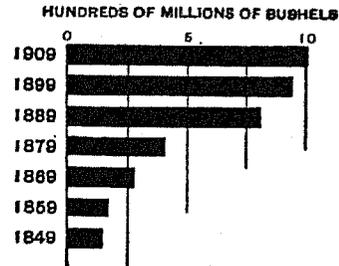
The distribution of the production of oats is shown for a period of 50 years, and shows the same tendencies as that of the acreage. Thus the West North Central division, which accounted for only 7 per cent of the production of oats in 1859, produced 43 per cent of the total in 1909, while the Middle Atlantic division, which ranked first in the production of oats in 1859 and raised 38.9 per cent of the total in that year, ranked third in 1909 and produced only 6.4 per cent of all the oats raised in the country. The East

North Central division reported a somewhat larger proportion of the oats raised in 1909 than of those raised in 1859. The changes in the relative importance of the individual states have followed the same general tendency as that indicated by the changes for the divisions. New York was the first oats producing state in 1859 and the eleventh in 1909, Pennsylvania dropped from second to twelfth place during the 50 years, and Ohio from third to sixth, while Illinois rose from fourth to first, Iowa from seventh to second, and Minnesota from eighteenth to third. The production of oats for the United States as a whole, 1849 to 1909, is shown in the diagram in the next column.

In every division except the Middle Atlantic and the West North Central the yield of oats per acre was larger in 1909 than in 1879. The average yield in 1909 was highest in the Pacific division, 35.3 bushels per acre, and lowest in the East South Central, 13.4

bushels. The West North Central division, the principal one in the production of oats in 1909, showed an average yield per acre slightly below that for the United States as a whole. Among the leading states, Iowa, Minnesota, Nebraska, and Wisconsin showed a decrease in the average yield of oats between 1879 and 1909, while Illinois and North Dakota showed an increase.

PRODUCTION OF OATS: 1849 TO 1909.



## OATS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1900 AND 1899.

[A minus sign (-) denotes decrease.]

Table 25 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1900	1899	Increase.		1900	1899	Increase.		1900	1899.	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Perct.
United States.....	35,150,441	29,639,698	5,619,743	19.0	1,007,142,980	943,389,375	63,753,605	6.8	\$414,697,422	\$217,098,584	\$197,598,838	91.0
GEOGRAPHIC DIVISIONS:												
New England.....	223,221	212,737	10,484	4.9	7,350,601	7,043,175	-292,574	-3.8	4,027,338	2,705,249	1,322,089	48.9
Middle Atlantic.....	2,518,886	2,679,559	-60,673	-2.4	64,344,715	79,630,320	-15,285,605	-19.2	33,111,736	24,515,326	8,596,410	35.1
East North Central.....	11,225,445	10,087,121	1,138,324	11.3	373,803,673	377,300,555	-3,496,882	-0.9	149,004,329	81,881,022	67,123,307	82.0
West North Central.....	15,710,495	12,109,758	3,600,737	29.7	432,660,477	386,978,611	45,681,866	11.8	162,647,073	79,970,336	82,676,737	103.4
South Atlantic.....	1,368,832	1,203,061	100,771	7.9	21,200,000	14,874,888	6,331,112	42.6	13,388,578	5,869,687	7,518,891	128.1
East South Central.....	870,762	855,842	14,920	1.7	11,646,687	9,480,025	2,166,662	22.9	6,535,286	3,317,185	3,218,101	97.0
West South Central.....	1,270,634	1,472,440	-195,915	-13.3	27,373,695	37,927,478	-10,553,783	-28.1	8,590,119	4,174,122	4,416,000	105.6
Mountain.....	1,164,204	412,190	752,014	182.4	40,004,255	12,519,653	28,484,602	224.3	19,673,773	4,704,766	14,969,007	318.2
Pacific.....	801,062	541,981	259,081	47.8	28,252,977	17,034,670	11,218,307	65.9	13,545,068	5,544,894	8,000,174	144.2
NEW ENGLAND:												
Maine.....	120,991	108,661	12,330	11.3	4,232,309	3,709,435	432,874	11.4	2,293,947	1,374,573	919,374	66.9
New Hampshire.....	10,860	12,589	-1,729	-13.7	380,419	407,110	-110,691	-22.3	210,938	184,025	27,913	17.9
Vermont.....	71,510	73,372	-1,862	-2.5	2,141,357	2,742,140	-600,783	-21.9	1,199,223	941,711	257,512	24.2
Massachusetts.....	7,927	6,702	1,225	18.3	268,500	240,990	27,510	11.4	157,381	84,850	72,531	85.6
Rhode Island.....	1,726	1,530	196	12.8	48,212	47,120	1,092	2.3	28,661	16,631	12,030	72.3
Connecticut.....	10,207	9,883	324	3.3	273,804	316,380	-42,576	-13.5	161,188	103,459	57,729	55.8
MIDDLE ATLANTIC:												
New York.....	1,302,508	1,320,753	-27,245	-2.0	34,705,277	40,785,900	-5,990,623	-14.7	17,977,155	12,929,092	5,048,063	39.0
New Jersey.....	72,130	75,059	-3,829	-5.0	1,370,752	1,601,610	-224,858	-14.0	712,609	402,341	220,268	44.7
Pennsylvania.....	1,144,248	1,173,847	-29,599	-2.5	28,172,686	37,242,810	-9,070,124	-24.4	14,421,972	11,093,893	3,328,079	30.0
EAST NORTH CENTRAL:												
Ohio.....	1,787,496	1,115,149	672,347	60.3	57,591,046	42,050,910	15,540,136	37.0	23,212,352	10,230,251	12,976,101	126.8
Indiana.....	1,067,818	1,017,385	65,433	6.3	50,607,913	34,565,070	16,042,843	46.4	18,928,700	7,458,682	11,470,018	153.8
Illinois.....	4,176,485	4,570,034	-393,549	-8.0	150,386,074	180,305,630	-29,919,556	-16.6	59,693,819	36,990,019	22,703,800	61.4
Michigan.....	1,429,076	1,010,438	409,638	40.2	43,869,502	36,338,145	7,531,357	20.7	18,500,195	9,241,810	9,258,385	99.8
Wisconsin.....	2,164,570	2,365,115	-200,545	-8.5	71,349,038	84,040,800	-12,691,762	-15.1	28,663,257	17,931,685	10,731,572	59.8
WEST NORTH CENTRAL:												
Minnesota.....	2,977,258	2,201,325	775,933	35.2	93,897,717	74,054,150	19,843,567	26.8	34,023,389	15,829,804	18,193,585	114.9
Iowa.....	4,655,154	4,095,391	40,237	-0.9	128,198,055	108,364,170	19,833,885	18.3	49,046,888	33,254,987	15,791,901	47.5
Missouri.....	1,073,325	916,178	157,147	17.2	24,828,501	20,545,350	4,283,151	20.8	10,253,990	4,669,185	5,584,805	119.6
North Dakota.....	2,147,032	780,517	1,366,515	175.1	65,880,702	22,125,331	43,755,371	197.8	24,114,345	5,852,615	18,261,730	312.0
South Dakota.....	1,558,043	691,167	867,476	125.5	43,565,676	10,412,400	33,153,276	124.4	16,044,785	4,114,456	11,930,329	290.0
Nebraska.....	2,365,774	1,924,827	440,947	22.9	53,360,185	58,007,140	-4,646,955	-8.0	19,443,570	11,333,393	8,110,177	71.6
Kansas.....	933,309	900,353	32,956	3.7	22,923,641	24,469,980	-1,546,339	-6.3	9,720,106	4,915,896	4,804,210	97.7
SOUTH ATLANTIC:												
Delaware.....	4,226	5,247	-1,021	-19.5	98,230	131,000	-33,770	-25.6	51,022	43,377	7,645	17.7
Maryland.....	40,210	44,625	4,585	10.3	1,100,003	1,109,500	9,497	0.8	584,395	340,475	243,920	71.6
District of Columbia.....	13	42	-29	(*)	375	620	-245	-39.5	165	206	-41	-19.9
Virginia.....	204,455	275,304	-70,939	-25.8	2,884,405	3,209,430	-324,025	-11.8	1,609,973	1,103,616	506,357	45.9
West Virginia.....	103,768	90,433	13,335	14.3	1,728,806	1,833,840	-105,034	-5.7	912,388	637,176	275,212	43.2
North Carolina.....	228,120	270,876	-42,756	-15.8	2,782,508	2,454,768	327,740	13.4	1,741,561	991,516	750,045	75.6
South Carolina.....	324,180	222,544	101,636	45.7	5,745,291	2,661,670	3,083,621	115.9	3,800,345	1,220,576	2,579,769	210.6
Georgia.....	411,064	318,433	93,231	29.3	6,190,243	3,115,610	3,074,633	99.0	4,230,625	1,383,768	2,846,857	206.2
Florida.....	43,206	31,467	11,739	37.3	608,380	297,430	310,950	103.9	443,104	143,028	300,076	209.8
EAST SOUTH CENTRAL:												
Kentucky.....	174,315	310,590	-142,275	-44.9	2,406,064	4,000,830	-1,604,766	-40.0	1,216,187	1,247,928	-31,741	-2.5
Tennessee.....	342,086	235,313	106,773	45.4	4,720,692	2,725,330	1,995,362	73.2	2,378,464	887,940	1,490,524	167.9
Alabama.....	257,276	210,873	46,403	22.0	3,251,146	1,882,060	1,369,086	72.7	2,117,703	797,684	1,320,019	165.5
Mississippi.....	97,085	87,066	10,019	11.5	1,288,785	862,805	425,980	47.1	822,932	383,633	439,299	114.5
WEST SOUTH CENTRAL:												
Arkansas.....	197,449	280,115	-82,666	-29.5	3,212,891	3,909,000	-696,109	-17.8	1,641,752	1,263,101	378,651	30.0
Louisiana.....	20,711	28,033	1,678	8.0	420,033	316,070	103,963	32.9	250,588	117,312	133,276	113.6
Oklahoma.....	609,373	317,076	292,297	92.2	16,006,154	9,511,740	6,494,414	74.6	7,172,267	2,068,915	5,103,352	244.3
Texas.....	440,001	847,225	-407,224	-48.1	7,034,617	24,100,668	-17,066,051	-70.0	3,609,634	5,240,791	-1,631,157	-29.4
MOUNTAIN:												
Montana.....	333,105	133,938	199,257	148.8	13,805,735	4,740,231	9,065,504	190.9	6,149,021	1,700,938	4,448,083	261.5
Idaho.....	302,783	64,730	238,044	367.7	11,328,106	1,956,498	9,371,608	479.0	5,067,051	702,955	4,364,096	612.8
Wyoming.....	124,035	26,802	97,143	361.2	3,361,425	703,370	2,658,055	340.3	1,328,711	292,630	1,036,081	354.9
Colorado.....	275,948	120,952	154,996	128.1	7,642,855	3,080,130	4,562,725	148.1	4,177,207	1,121,745	3,055,462	272.4
New Mexico.....	83,707	15,848	17,859	112.7	720,500	342,777	377,723	110.2	459,306	154,347	304,959	197.6
Arizona.....	5,867	1,641	4,226	257.5	189,312	43,240	146,066	337.7	130,384	21,144	109,240	516.6
Utah.....	80,816	43,394	37,422	86.2	3,221,289	1,436,225	1,785,064	124.3	1,671,065	553,847	1,117,218	201.7
Nevada.....	7,853	4,786	3,067	64.1	334,973	151,176	183,797	121.6	191,968	67,160	124,808	185.8
PACIFIC:												
Washington.....	260,742	126,841	133,901	112.7	13,228,003	5,336,486	7,891,517	147.9	5,870,857	1,765,547	4,105,310	232.5
Oregon.....	389,192	201,406	187,786	93.3	10,881,286	6,725,828	4,155,458	61.8	5,037,164	2,078,950	2,958,214	142.3
California.....	192,168	153,734	38,434	25.0	4,143,688	4,972,356	-828,668	-16.7	2,637,047	1,700,397	936,650	55.1

\* Per cent not shown where base is less than 100.

\* Includes Indian Territory.

# INDIVIDUAL CROPS.

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## OATS—FARMS REPORTING, ACREAGE, AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1909.

Table 26 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).			
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879
<b>United States.....</b>	2,174,006	2,114,559	35,159,441	29,539,698	28,320,677	16,144,593	1,007,142,980	943,389,375	809,250,666	407,858,999
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	43,579	51,775	223,221	212,737	292,219	270,743	7,350,601	7,643,175	8,960,323	8,889,681
Middle Atlantic.....	298,684	324,842	2,518,880	2,579,559	2,848,895	2,636,186	64,344,715	79,630,320	77,931,181	75,127,518
East North Central.....	668,954	629,683	11,225,445	10,087,121	8,901,446	4,985,592	373,803,573	377,300,555	306,953,466	158,549,336
West North Central.....	588,275	557,754	15,710,495	12,109,758	10,958,290	3,858,061	432,660,477	386,978,611	338,173,878	111,617,069
South Atlantic.....	251,129	216,509	1,368,832	1,268,061	2,203,751	2,231,526	21,206,000	14,874,888	23,736,705	21,992,684
East South Central.....	144,577	137,967	870,762	855,842	1,711,603	1,395,107	11,646,687	9,480,025	20,723,659	14,992,157
West South Central.....	99,675	147,129	1,276,534	1,472,449	848,725	431,384	27,273,695	37,927,478	17,135,702	7,343,021
Mountain.....	52,881	25,016	1,164,204	412,190	214,354	96,461	40,604,255	12,519,653	5,659,908	2,788,596
Pacific.....	26,252	23,834	801,092	541,981	341,394	239,533	28,252,977	17,034,670	9,684,844	7,298,627
<b>NEW ENGLAND:</b>										
Maine.....	22,029	26,409	120,991	108,661	121,612	78,785	4,232,369	3,799,435	3,668,909	2,265,575
New Hampshire.....	3,141	4,193	10,860	12,589	26,618	29,485	386,419	497,110	892,243	1,017,629
Vermont.....	12,581	15,342	71,510	73,372	101,582	99,548	2,141,357	2,742,140	3,316,141	3,742,282
Massachusetts.....	2,181	2,179	7,927	6,702	14,331	20,659	268,500	240,990	388,819	645,159
Rhode Island.....	455	429	1,726	1,530	3,648	5,575	48,212	47,120	100,520	159,339
Connecticut.....	3,192	3,223	10,207	9,883	24,428	36,691	273,804	316,380	563,691	1,009,706
<b>MIDDLE ATLANTIC:</b>										
New York.....	142,313	158,853	1,302,508	1,329,753	1,417,371	1,261,171	34,795,277	40,785,900	38,896,479	37,575,506
New Jersey.....	8,213	8,855	72,130	75,959	121,327	137,422	1,376,732	1,601,619	2,837,293	3,719,573
Pennsylvania.....	148,158	157,134	1,144,248	1,173,847	1,310,197	1,237,593	28,172,686	37,242,810	36,197,469	33,841,439
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	150,180	129,466	1,787,496	1,115,149	1,215,355	910,388	57,591,046	42,060,910	40,136,732	28,664,505
Indiana.....	101,199	82,150	1,667,818	1,017,385	1,102,479	923,531	50,607,913	34,565,070	31,491,661	15,599,518
Illinois.....	136,156	158,015	4,176,485	4,570,034	3,870,702	1,959,889	150,386,074	180,305,630	137,624,828	63,189,200
Michigan.....	141,731	121,346	1,429,076	1,019,438	1,085,769	536,187	43,869,502	36,338,145	36,961,193	18,190,793
Wisconsin.....	136,688	138,706	2,164,570	2,365,115	1,627,151	955,597	71,349,038	84,040,800	69,739,052	32,905,330
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	118,692	120,802	2,977,258	2,201,325	1,579,258	617,469	93,897,717	74,054,150	49,958,791	23,382,158
Iowa.....	151,769	166,122	4,655,154	4,695,391	3,752,141	1,507,577	128,198,955	168,364,170	146,679,289	50,610,591
Missouri.....	80,308	83,411	1,073,325	916,178	1,676,706	968,473	24,828,501	20,545,350	39,820,149	20,670,958
North Dakota.....	56,903	29,080	2,147,032	780,517	402,855	178,226	65,886,702	22,125,331	5,773,129	2,217,132
South Dakota.....	45,127	32,505	1,558,643	691,167	580,289	(2)	43,565,676	19,412,499	7,469,846	(2)
Nebraska.....	81,466	76,012	2,865,774	1,924,827	1,503,515	250,457	53,360,185	58,007,140	43,843,649	6,555,875
Kansas.....	54,010	49,782	633,309	900,353	1,463,526	435,859	22,923,641	24,469,980	44,629,034	8,186,385
<b>SOUTH ATLANTIC:</b>										
Delaware.....	698	787	4,226	5,247	19,374	17,158	98,239	131,960	382,900	378,508
Maryland.....	8,831	7,897	49,210	44,625	99,195	101,127	1,160,663	1,109,560	2,019,658	1,794,872
District of Columbia.....	2	10	13	42	63	267	375	820	1,371	7,440
Virginia.....	36,306	43,040	204,455	275,394	495,508	563,443	2,884,495	3,269,430	5,695,109	5,333,181
West Virginia.....	22,412	20,839	103,758	99,433	189,815	126,931	1,728,806	1,833,849	2,945,653	1,908,505
North Carolina.....	48,958	53,226	228,120	270,876	541,851	500,415	2,782,508	2,454,768	4,512,762	3,838,068
South Carolina.....	57,398	38,574	324,180	222,544	308,056	261,445	5,745,291	2,661,670	3,019,119	2,715,505
Georgia.....	70,379	47,755	411,664	318,433	516,886	612,778	6,199,243	3,115,610	4,767,821	5,548,743
Florida.....	6,145	4,381	43,206	31,467	42,003	47,962	606,380	297,430	391,321	468,112
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	25,548	45,642	174,315	316,590	645,316	403,416	2,406,064	4,009,830	8,775,814	4,580,738
Tennessee.....	44,432	37,231	342,086	235,313	588,138	468,566	4,720,692	2,725,330	7,355,100	4,722,190
Alabama.....	51,857	38,615	257,276	216,873	344,788	324,628	3,251,146	1,882,060	3,239,455	3,639,639
Mississippi.....	22,740	16,479	97,085	87,066	133,361	198,497	1,268,785	862,805	1,362,290	1,659,620
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	31,836	46,589	197,440	280,115	288,332	166,513	3,212,891	3,909,000	4,180,877	2,219,822
Louisiana.....	4,579	4,316	29,711	28,033	27,023	26,861	420,033	316,070	297,271	229,840
Oklahoma.....	33,002	19,678	609,373	317,076	4,446	.....	16,606,154	9,511,740	76,194	.....
Texas.....	30,258	76,546	440,001	847,225	528,924	238,010	7,034,617	24,190,668	12,581,369	4,863,359
<b>MOUNTAIN:</b>										
Montana.....	10,459	4,581	333,195	133,938	52,768	24,601	13,905,735	4,746,231	1,535,615	990,915
Idaho.....	11,708	4,388	302,783	64,739	21,997	13,197	11,328,106	1,956,498	587,407	462,236
Wyoming.....	4,381	1,546	124,035	26,892	14,607	822	3,861,425	763,370	388,505	22,512
Colorado.....	12,844	6,206	275,948	120,952	87,959	23,023	7,642,855	3,080,139	2,514,480	640,900
New Mexico.....	3,084	1,564	33,707	15,848	9,314	9,237	720,560	342,777	193,872	156,527
Arizona.....	315	147	5,887	1,641	1,472	29	189,312	43,246	33,966	564
Utah.....	9,781	6,331	80,816	43,394	22,747	19,525	3,221,289	1,436,225	597,947	

## AGRICULTURE.

OATS—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 27 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0						
<b>United States</b> .....	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0						
<b>GEOGRAPHIC DIVISIONS:</b>																				
New England.....	0.6	0.7	1.0	1.7	9	9	8	7	0.7	0.8	1.1	2.2	3.3	6.3	9	9	8	6	6	5
Middle Atlantic.....	7.2	8.7	10.1	16.3	3	3	3	3	6.4	8.4	9.6	18.4	26.8	38.9	3	3	3	3	2	1
East North Central.....	31.9	34.1	31.4	30.9	2	2	2	1	37.1	40.0	37.9	38.9	37.6	29.5	2	2	2	1	1	2
West North Central.....	44.7	41.0	38.7	23.9	1	1	1	2	43.0	41.0	41.8	27.4	19.1	7.0	1	1	1	2	3	4
South Atlantic.....	3.9	4.3	7.8	13.8	4	5	4	4	2.1	1.6	2.9	5.4	6.6	11.6	7	6	4	4	4	3
East South Central.....	2.6	2.9	6.0	8.6	7	6	5	5	1.2	1.0	2.6	3.5	4.5	4.5	8	8	5	5	5	6
West South Central.....	3.6	5.0	3.0	2.7	5	4	6	6	2.7	4.0	2.1	1.8	0.5	1.0	6	4	6	7	8	8
Mountain.....	3.3	1.4	0.8	0.6	6	8	9	9	4.0	1.3	0.7	0.7	0.2	0.1	4	7	9	9	9	9
Pacific.....	2.3	1.8	1.2	1.5	8	7	7	8	2.8	1.8	1.2	1.8	1.4	1.2	5	5	7	8	7	7
<b>NEW ENGLAND:</b>																				
Maine.....	0.3	0.4	0.4	0.5	32	30	27	28	0.4	0.4	0.5	0.6	0.8	1.7	25	23	23	24	20	15
New Hampshire.....	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.2	42	42	37	34	( <sup>1</sup> )	0.1	0.1	0.3	0.4	0.8	42	39	35	32	25	20
Vermont.....	0.2	0.3	0.4	0.6	37	34	29	27	0.2	0.3	0.4	0.9	1.3	2.1	34	27	24	20	16	14
Massachusetts.....	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1	44	44	43	38	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.2	0.3	0.7	45	44	40	35	27	22
Rhode Island.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	48	48	40	44	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1	48	47	45	43	36	30
Connecticut.....	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.2	43	43	38	33	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.3	0.4	0.9	44	41	37	33	26	19
<b>MIDDLE ATLANTIC:</b>																				
New York.....	3.7	4.5	5.0	7.8	11	6	8	3	3.5	4.3	4.8	9.2	12.5	20.4	11	7	9	3	3	1
New Jersey.....	0.2	0.3	0.4	0.9	30	33	28	24	0.1	0.2	0.4	0.9	1.4	2.6	36	34	28	21	15	10
Pennsylvania.....	3.3	4.0	4.6	7.7	12	7	9	4	2.8	3.9	4.5	8.3	12.9	15.9	12	8	11	4	2	2
<b>EAST NORTH CENTRAL:</b>																				
Ohio.....	5.1	3.8	4.3	5.6	7	8	10	7	5.7	4.5	5.0	7.0	9.0	8.9	6	6	7	6	4	3
Indiana.....	4.7	3.4	3.9	3.9	8	10	11	8	5.0	3.7	3.9	3.8	3.0	3.1	8	10	12	10	10	8
Illinois.....	11.0	15.5	13.7	12.2	2	2	1	1	14.9	19.1	17.0	15.5	15.2	8.8	1	1	2	1	1	4
Michigan.....	4.1	3.5	3.8	3.3	10	9	12	12	4.4	3.9	4.6	4.5	3.2	2.3	9	9	10	9	9	11
Wisconsin.....	6.2	8.0	5.7	5.9	5	3	4	6	7.1	8.9	7.5	8.1	7.2	6.4	4	3	3	5	6	5
<b>WEST NORTH CENTRAL:</b>																				
Minnesota.....	8.5	7.5	5.6	3.8	3	4	5	9	9.3	7.8	6.2	5.7	3.8	1.3	3	4	4	7	8	18
Iowa.....	13.2	15.9	13.2	9.3	1	1	2	2	12.7	17.8	18.1	12.4	7.4	3.4	2	2	1	2	5	7
Missouri.....	3.1	3.1	5.9	6.0	13	11	3	5	2.5	2.2	4.9	5.1	5.9	2.1	13	14	8	8	7	13
North Dakota.....	6.1	2.0	1.4	0.5	6	14	20	20	6.5	2.3	0.7	0.5	( <sup>1, 2</sup> )	( <sup>1, 2</sup> )	5	13	18	26	38	40
South Dakota.....	4.4	2.3	2.0	( <sup>3</sup> )	9	15	15	( <sup>3</sup> )	4.3	2.1	0.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	10	15	15	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Nebraska.....	6.7	0.5	5.3	1.0	4	5	6	19	5.3	6.1	5.4	1.0	0.5	0.1	7	5	6	12	24	35
Kansas.....	2.7	3.0	5.2	2.7	14	12	7	15	2.3	2.6	5.5	2.0	1.5	0.1	14	11	5	11	14	24
<b>SOUTH ATLANTIC:</b>																				
Delaware.....	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1	47	45	41	40	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.2	0.6	47	46	42	40	31	23
Maryland.....	0.1	0.2	0.4	0.6	38	36	30	26	0.1	0.1	0.2	0.4	1.1	2.3	38	36	31	29	17	12
District of Columbia.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	40	40	49	46	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	40	49	40	46	45	38
Virginia.....	0.6	0.9	1.8	3.5	27	20	19	11	0.3	0.3	0.7	1.3	2.4	5.0	31	24	19	14	11	6
West Virginia.....	0.3	0.3	0.6	0.8	33	31	25	25	0.2	0.2	0.4	0.5	0.9	( <sup>6</sup> )	35	33	27	28	19	( <sup>1</sup> )
North Carolina.....	0.6	0.9	1.9	1.1	26	21	16	13	0.3	0.3	0.6	0.9	1.1	1.6	32	30	21	19	18	16
South Carolina.....	0.9	0.8	1.1	1.6	21	24	22	18	0.6	0.3	0.4	0.7	0.2	0.5	23	20	26	23	30	26
Georgia.....	1.2	1.1	1.8	3.8	17	16	18	10	0.6	0.3	0.6	1.4	0.7	0.7	22	25	20	13	22	21
Florida.....	0.1	0.1	0.1	0.3	39	38	35	31	0.1	( <sup>1</sup> )	( <sup>1</sup> )	0.1	( <sup>1</sup> )	( <sup>1</sup> )	40	43	39	37	39	37
<b>EAST SOUTH CENTRAL:</b>																				
Kentucky.....	0.5	1.1	2.3	2.5	30	18	13	16	0.2	0.4	1.1	1.1	2.4	2.7	33	21	14	17	12	9
Tennessee.....	1.0	0.8	2.1	2.9	18	23	14	14	0.5	0.3	0.9	1.2	1.6	1.3	24	28	16	16	12	17
Alabama.....	0.7	0.7	1.2	2.0	25	25	21	17	0.3	0.2	0.4	0.7	0.3	0.4	28	32	25	22	28	28
Mississippi.....	0.3	0.3	0.5	1.2	34	32	26	21	0.1	0.1	0.2	0.5	0.2	0.1	37	37	34	27	33	31
<b>WEST SOUTH CENTRAL:</b>																				
Arkansas.....	0.6	0.9	1.0	1.0	28	19	23	22	0.3	0.4	0.5	0.5	0.2	0.3	30	22	22	25	32	29
Louisiana.....	0.1	( <sup>1</sup> )	0.1	0.2	41	39	36	35	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	( <sup>1</sup> )	0.1	41	42	43	41	44	33
Oklahoma.....	1.7	1.1	( <sup>1</sup> )	.....	15	17	45	.....	1.6	1.0	( <sup>1</sup> )	.....	.....	.....	15	16	47	.....	.....	.....
Texas.....	1.3	2.9	1.9	1.5	16	13	17	20	0.7	2.6	1.6	1.2	0.3	0.6	21	12	13	15	29	25
<b>MOUNTAIN:</b>																				
Montana.....	0.9	0.5	0.2	0.2	20	27	34	36	1.4	0.5	0.2	0.2	0.1	.....	16	20	32	34	37	.....
Idaho.....	0.9	0.2	0.1	0.1	22	35	40	41	1.1	0.2	0.1	0.1	( <sup>1</sup> )	.....	18	31	38	38	40	.....
Wyoming.....	0.4	( <sup>1</sup> )	0.1	( <sup>1</sup> )	31	40	42	45	0.3	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.....	27	38	41	45	46	.....
Colorado.....	0.8	0.4	0.3	0.2	23	29	31	37	0.8	0.3	0.3	0.2	0.1	.....	20	26	29	36	34	.....
New Mexico.....	0.1	( <sup>1</sup> )	( <sup>1</sup> )	0.1	40	41	44	42	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	39	40	44	44	41	39
Arizona.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	46	47	48	47	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	46	48	48	47	47	.....
Utah.....	0.2	0.1	0.1	0.1	35	37	39	39	0.3	0.2	0.1	0.1	( <sup>1</sup> )	( <sup>1</sup> )	29	35	36	39	42	36
Nevada.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	45	46	47	43	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	43	45	46	42	43	41
<b>PACIFIC:</b>																				

## INDIVIDUAL CROPS.

OATS—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BUSHEL AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

Table 28 DIVISION OR STATE.	FARMS REPORTING OATS.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHELS).				AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms.		Average acres per farm.													
		1909	1899	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909
<b>United States</b> .....	34.2	36.9	16.2	14.0	7.3	7.1	7.9	5.7	28.6	31.9	28.6	25.3	\$0.41	\$0.23	\$11.79	\$7.35
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	23.1	27.0	5.1	4.1	3.1	2.6	2.7	2.1	32.9	35.9	30.7	32.6	0.55	0.35	18.04	12.72
Middle Atlantic.....	63.8	66.9	8.4	7.9	8.6	8.4	9.0	7.9	25.5	30.9	27.4	28.5	0.51	0.31	13.15	9.50
East North Central.....	59.5	55.4	16.8	16.0	12.6	11.6	11.3	6.6	33.3	37.4	34.5	31.8	0.40	0.22	13.27	8.12
West North Central.....	53.0	52.6	26.7	21.7	9.6	8.9	10.4	6.3	27.5	32.0	30.9	28.9	0.38	0.21	10.35	6.60
South Atlantic.....	22.6	22.5	5.4	5.9	2.8	2.8	5.3	6.2	15.5	11.7	10.8	9.9	0.63	0.39	9.78	4.63
East South Central.....	13.9	15.3	6.0	6.2	2.0	2.1	4.8	4.5	13.4	11.1	12.1	10.3	0.56	0.35	7.51	3.88
West South Central.....	10.6	19.5	12.8	10.0	2.2	3.7	2.8	2.3	21.4	25.8	20.2	17.0	0.47	0.23	10.00	5.83
Mountain.....	28.8	24.7	22.0	16.5	7.3	4.9	3.9	4.4	34.9	30.4	27.8	28.9	0.48	0.38	16.90	11.41
Pacific.....	13.8	16.9	30.5	22.7	3.6	2.9	1.9	1.8	35.3	31.4	28.4	30.5	0.48	0.33	16.91	10.23
<b>NEW ENGLAND:</b>																
Maine.....	36.7	44.5	5.5	4.1	5.1	4.6	4.0	2.3	35.0	35.0	30.2	28.8	0.54	0.36	18.96	12.65
New Hampshire.....	11.6	14.3	3.5	3.0	1.2	1.2	1.5	1.3	35.6	39.5	33.5	34.5	0.56	0.37	19.98	14.62
Vermont.....	38.5	46.3	5.7	4.8	4.4	3.5	3.8	3.0	29.9	37.4	32.6	37.6	0.55	0.34	16.35	12.83
Massachusetts.....	5.9	5.8	3.6	3.1	0.7	0.5	0.9	1.0	33.9	36.0	27.1	31.2	0.59	0.35	19.85	12.66
Rhode Island.....	8.6	7.8	3.8	3.6	1.0	0.8	1.3	1.9	27.9	30.8	27.6	28.6	0.59	0.35	16.61	10.87
Connecticut.....	11.9	12.0	3.2	3.1	1.0	0.9	1.8	2.2	26.8	32.0	24.3	27.5	0.59	0.33	15.79	10.47
<b>MIDDLE ATLANTIC:</b>																
New York.....	66.0	70.1	9.2	8.4	8.8	8.5	8.6	7.1	26.7	30.7	27.4	29.8	0.52	0.32	13.80	9.72
New Jersey.....	24.5	25.6	8.8	8.6	4.0	3.8	6.1	6.6	19.1	21.1	23.4	27.0	0.52	0.31	9.88	6.48
Pennsylvania.....	67.6	70.1	7.7	7.5	9.0	8.9	9.9	9.2	24.6	31.7	27.6	27.3	0.51	0.30	12.60	9.45
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	55.2	46.8	11.9	8.6	9.3	5.8	6.6	5.0	32.2	37.7	33.0	31.5	0.40	0.24	12.99	9.18
Indiana.....	47.0	37.0	16.5	12.4	9.9	6.1	7.3	4.5	30.3	34.0	28.6	25.0	0.37	0.22	11.35	7.33
Illinois.....	55.2	59.8	30.0	28.9	14.9	16.5	15.1	7.5	36.0	39.5	35.6	32.2	0.40	0.21	14.29	8.69
Michigan.....	68.5	59.7	10.1	8.4	11.1	8.6	11.0	6.5	30.7	35.6	34.0	33.9	0.42	0.25	12.95	9.09
Wisconsin.....	77.2	81.7	15.8	17.1	18.2	21.0	16.6	10.4	33.0	35.5	37.3	34.4	0.40	0.21	13.24	7.58
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	76.0	78.1	25.1	18.2	15.2	11.9	14.2	8.5	31.5	33.6	31.6	37.9	0.36	0.21	11.43	7.19
Iowa.....	69.9	72.7	30.7	28.3	15.8	15.7	14.8	7.6	27.5	35.9	39.1	33.6	0.38	0.20	10.54	7.08
Missouri.....	29.0	29.3	13.4	11.0	4.4	4.0	8.5	5.8	23.1	22.4	23.7	21.3	0.41	0.23	9.55	5.10
North Dakota.....	76.5	64.2	37.7	26.8	10.5	8.1	8.6	16.8	30.7	28.3	14.3	28.3	0.37	0.26	11.23	7.50
South Dakota.....	58.1	61.9	34.5	21.2	9.8	6.1	8.3	(?)	28.0	28.1	12.9	(?)	0.37	0.21	10.29	5.85
Nebraska.....	62.8	62.6	29.0	25.3	9.7	10.4	9.9	4.5	22.6	30.1 <sup>1</sup>	29.2	26.2	0.36	0.20	8.22	5.89
Kansas.....	30.4	28.7	17.3	18.1	3.1	3.6	6.6	4.1	24.6	27.2	30.5	18.8	0.42	0.20	10.41	5.46
<b>SOUTH ATLANTIC:</b>																
Delaware.....	6.4	8.1	6.1	6.7	0.6	0.7	2.5	2.3	23.2	25.1	19.8	22.1	0.52	0.33	12.07	8.26
Maryland.....	18.1	17.2	5.6	5.7	1.5	1.3	2.9	3.0	23.6	24.9	20.4	17.7	0.50	0.31	11.88	7.63
District of Columbia.....	0.9	3.7	6.5	4.2	0.3	0.7	0.6	2.1	28.8	14.8	21.8	27.9	0.44	0.33	12.69	4.90
Virginia.....	19.7	25.6	5.6	6.4	2.1	2.7	5.4	6.6	14.1	11.9	11.5	9.5	0.56	0.34	7.87	4.01
West Virginia.....	23.2	22.4	4.6	4.8	1.9	1.8	4.0	3.3	16.7	18.4	16.3	15.0	0.53	0.35	8.79	6.41
North Carolina.....	19.3	23.7	4.7	5.1	2.6	3.3	6.9	7.7	12.2	9.1	8.3	7.7	0.63	0.40	7.63	3.66
South Carolina.....	32.5	24.8	5.6	5.8	5.3	3.9	5.9	6.3	17.7	12.0	9.8	10.4	0.66	0.46	11.75	5.51
Georgia.....	24.2	21.3	5.8	6.7	3.3	3.0	5.4	7.5	15.1	9.8	9.2	9.1	0.68	0.44	10.29	4.35
Florida.....	12.3	10.7	7.0	7.2	2.4	2.1	3.7	5.1	14.0	9.5	9.3	9.8	0.73	0.48	10.26	4.55
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	9.9	19.5	6.8	6.9	1.2	2.3	5.5	3.8	13.8	12.7	13.6	11.4	0.51	0.31	6.98	3.94
Tennessee.....	18.1	16.6	7.7	6.3	3.1	2.3	6.3	5.5	13.8	11.6	12.5	10.1	0.50</			

MINOR CEREALS.

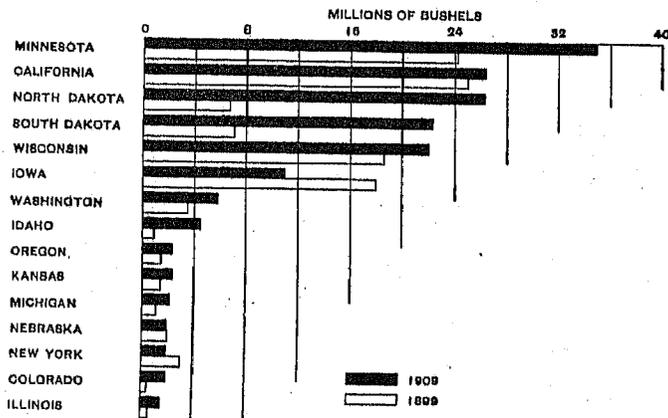
BARLEY.

The United States as a whole.—The statistics for barley for the United States as a whole are given in Table 29.

	BARLEY.			
	1909	1899	1889	1879
Number of farms reporting	383,197	272,913	.....	.....
Per cent of all farms	6.0	4.8	.....	.....
Acreage	7,698,706	4,470,196	3,220,834	1,907,727
Increase over preceding census	3,228,510	1,249,302	1,223,107	.....
Per cent of increase	72.2	38.8	61.2	.....
Acres per farm reporting	20.1	16.4	.....	.....
Per cent that acreage in barley formed of—				
Total improved acreage	1.0	1.1	0.9	0.7
Total reported crop acreage	2.5	1.6	.....	.....
Production (bushels)	173,344,212	119,635,000	78,332,076	43,907,495
Increase over preceding census	93,709,335	41,301,001	34,335,481	14,236,190
Per cent of increase	44.9	52.7	78.0	47.8
Average yield per acre	22.5	26.8	24.3	22.0
Value	\$92,459,571	\$41,632,000	.....	.....
Increase over preceding census	\$50,826,809	.....	.....	.....
Per cent of increase	122.1	.....	.....	.....
Average per bushel	\$0.53	\$0.35	.....	.....
Average per acre	\$12.01	\$9.31	.....	.....
Per cent that value of barley formed of total value of all crops	1.7	1.4	.....	.....

Note.—The production of barley was 29,761,305 bushels in 1869 and 15,825,898 bushels in 1859.

PRODUCTION OF BARLEY: 1909 AND 1899.



Of the minor cereals, barley, with an acreage of 7,698,706 in 1909, is by far the most important. The acreage in 1899 was 4,470,196, the increase for the decade being 3,228,510, or 72.2 per cent. The production of barley increased from 119,635,000 bushels in 1899 to 173,344,000 bushels in 1909, an increase of 44.9 per cent. The lower rate of increase in the production of barley was probably due, in part, to the fact that a greater proportion of the barley in 1909 than 1899 was raised in Northern states where the yield per acre is relatively low. The diagram on this page shows the production of barley, by millions of bushels, for each of the principal producing states for 1909 and 1899. The production per acre was only 22.5 bushels in 1909, as compared with 26.8 bushels in 1899. The value of the barley crop increased from \$41,632,000 in 1899 to \$92,459,000 in 1909, an increase of 122.1 per cent; the average value per bushel rose

from 35 cents to 53 cents, and the average value per acre from \$9.31 to \$12.01 during the decade.

Divisions and states.—Tables 30 to 33, inclusive, show, by divisions and states, statistics similar to those given for the United States as a whole in Table 29. A very large part of the acreage in barley in 1909 (94.1 per cent) was in the two North Central and the Pacific divisions, and nearly two-thirds of it was in four states, Minnesota, North Dakota, California, and South Dakota. The greatest increase in the acreage of barley between 1899 and 1909 took place in the West North Central division, where the acreage of that crop in 1909 was greater by 2,457,647 than ten years earlier, and where it had more than doubled during the decade. Of the four principal states, North and South Dakota showed the most conspicuous increases in the acreage of barley between 1899 and 1909.

The production of barley increased at a less rapid rate, between 1899 and 1909, than the acreage in all of the important barley growing divisions and states, the difference being especially conspicuous in California, Minnesota, and Wisconsin. North and South Dakota showed very large increases in production, while Iowa, which ranked sixth among the states in 1909, showed a decrease of 39.3 per cent.

The value of the barley crop in 1909 was \$47,401,000 in the West North Central division, \$22,030,000 in the Pacific, and \$15,241,000 in the East North Central. Among the states, Minnesota, California, Wisconsin, and North and South Dakota had a barley crop in excess of \$10,000,000 in value, and the value had increased greatly between 1899 and 1909 for each of these states, being about six times as great in 1909 as in 1899 in North Dakota and about five and one-half times as great in South Dakota.

The yield of barley per acre was highest in the Mountain division, 31.2 bushels, and lowest in the West South Central, 12.7 bushels. The yield in the four leading states—Minnesota, North Dakota, California, and South Dakota—was below the average for the entire country.

The lowest value of barley per bushel in 1909, 48 cents, was reported from the West North Central division, and the highest, 80 cents, from New England. The value of barley per acre was higher in 1909 than in 1899 in every division and in nearly every state.

The increase in the acreage and in the production of barley between 1879 and 1909 was largely confined to the two North Central and the Pacific divisions. The West North Central division showed a greater relative increase in acreage and production of barley than any other. The data on production, being carried back as far as 1859, show even more strikingly the growth in the importance of the West North Central division in the production of barley, this division reporting 57.1 per cent of the total production in 1909, as compared with 5 per cent in 1859.

INDIVIDUAL CROPS.

BARLEY—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 30 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	7,698,706	4,470,196	3,228,510	72.2	173,344,212	119,634,877	53,709,335	44.9	\$32,458,571	\$41,631,762	\$56,626,809	122.1
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	16,242	23,554	-7,312	-31.0	428,617	704,957	-276,340	-39.2	342,659	364,226	-21,567	-5.9
Middle Atlantic.....	87,733	121,577	-33,844	-27.8	2,062,189	3,145,218	-1,083,029	-34.4	1,414,366	1,493,648	-79,282	-5.3
East North Central.....	1,007,102	665,078	341,424	51.3	26,705,278	21,865,348	4,839,930	22.1	15,240,518	8,158,220	7,082,298	86.8
West North Central.....	4,762,928	2,305,281	2,457,647	106.6	98,997,430	59,695,149	39,302,281	65.8	47,490,962	17,503,097	29,987,865	170.8
South Atlantic.....	15,561	5,717	9,844	172.2	409,615	109,559	300,056	273.9	276,981	53,245	223,736	420.2
East South Central.....	5,388	2,848	2,540	89.2	119,922	42,138	77,784	184.6	79,171	21,215	57,956	273.2
West South Central.....	14,253	21,334	-7,081	-33.2	181,346	433,625	-252,279	-58.2	107,835	115,856	-8,021	-6.9
Mountain.....	313,606	111,887	201,719	180.3	9,785,511	3,333,342	6,452,169	193.6	5,566,331	1,401,107	4,165,224	297.3
Pacific.....	1,475,893	1,212,320	263,573	21.7	34,654,304	30,305,541	4,348,763	14.3	22,029,745	12,521,148	9,508,600	75.9
<b>NEW ENGLAND:</b>												
Maine.....	4,136	8,809	-4,673	-53.0	106,674	252,850	-146,176	-57.8	86,230	137,448	-51,218	-37.3
New Hampshire.....	848	1,596	-748	-46.9	20,764	46,680	-25,916	-55.5	17,292	25,189	-7,897	-31.4
Vermont.....	10,586	12,152	-1,566	-12.9	285,008	380,940	-95,932	-25.2	225,863	187,004	38,799	20.7
Massachusetts.....	349	638	-289	-45.3	9,021	14,987	-5,966	-39.8	7,177	9,284	-2,087	-22.5
Rhode Island.....	182	222	-40	-18.0	4,676	6,100	-1,424	-23.3	4,126	3,465	661	19.1
Connecticut.....	141	137	4	2.9	2,474	3,400	-926	-27.2	2,031	1,856	175	9.4
<b>MIDDLE ATLANTIC:</b>												
New York.....	79,956	111,658	-31,702	-28.4	1,922,868	2,943,250	-1,020,382	-34.7	1,316,117	1,402,154	-86,067	-6.1
New Jersey.....	152	336	-184	-54.8	3,082	4,790	-1,708	-35.7	1,967	2,301	-334	-14.5
Pennsylvania.....	7,625	9,583	-1,958	-20.4	136,239	197,178	-60,939	-30.9	96,282	89,163	7,119	8.0
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	24,075	34,058	-9,983	-29.3	569,279	1,053,240	-483,961	-46.0	311,741	402,977	-91,236	-22.6
Indiana.....	10,188	9,533	655	6.9	234,298	260,550	-26,252	-10.1	133,591	100,480	33,111	33.0
Illinois.....	63,325	21,375	41,950	196.3	1,613,559	686,580	926,979	135.0	680,706	242,834	437,872	262.7
Michigan.....	93,065	44,965	48,100	107.0	2,132,101	1,165,288	966,813	83.0	1,232,344	494,994	737,350	149.0
Wisconsin.....	816,449	555,747	260,702	46.9	22,156,041	18,699,690	3,456,351	18.5	12,662,136	6,916,935	5,745,201	83.3
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	1,573,761	877,845	695,916	79.3	34,927,773	24,314,240	10,613,533	43.6	17,213,517	7,220,739	9,992,778	138.4
Iowa.....	571,224	627,851	-56,627	-9.0	10,964,184	18,059,060	-7,094,876	-39.3	5,320,708	5,342,363	-21,655	-0.4
Missouri.....	7,915	1,727	6,188	358.3	134,253	28,969	105,284	363.4	80,245	11,232	69,013	614.4
North Dakota.....	1,215,811	287,092	928,719	323.5	26,365,758	6,752,060	19,613,698	290.5	11,962,086	1,996,582	9,965,504	499.3
South Dakota.....	1,114,531	299,510	815,021	272.1	22,396,130	7,031,760	15,364,370	218.5	10,873,522	2,003,540	8,869,982	442.7
Nebraska.....	113,571	92,098	21,473	23.3	1,987,516	2,034,910	-47,394	-2.3	870,846	545,432	325,414	59.7
Kansas.....	166,115	119,158	46,957	39.4	2,221,816	1,474,150	747,666	50.7	1,079,788	383,709	696,079	181.4
<b>SOUTH ATLANTIC:</b>												
Delaware.....	31	3	28	(1)	422	40	382	(1)	288	20	268	(1)
Maryland.....	4,494	1,515	2,979	196.6	135,454	42,560	92,894	218.3	79,231	18,776	60,455	322.0
District of Columbia.....												
Virginia.....	9,890	2,768	7,122	257.3	253,649	53,346	200,303	375.5	179,712	25,007	154,705	618.6
West Virginia.....	408	253	155	61.3	8,407	3,660	4,747	129.7	5,640	1,832	3,808	207.9
North Carolina.....	504	475	29	6.1	7,535	4,237	3,298	77.8	6,863	2,335	4,528	193.9
South Carolina.....	189	281	-92	-32.7	3,483	3,106	377	12.1	4,297	2,899	1,398	48.2
Georgia.....	44	395	-351	-88.9	655	2,290	-1,635	-71.4	942	2,048	-1,106	-54.0
Florida.....	1	27	-26	(1)	10	320	-310	-96.9	8	318	-310	-97.5
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	2,738	953	1,785	187.3	65,506	17,772	47,824	269.1	42,929	8,157	34,772	426.3
Tennessee.....	2,567	1,590	977	61.4	53,201	21,636	31,565	145.9	35,363	11,273	24,090	213.7
Alabama.....	41	273	-232	-85.0	372	2,400	-2,028	-84.5	336	1,582	-1,246	-78.8
Mississippi.....	42	32	10	(1)	753	330	423	128.2	543	203	340	167.6
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	82	304	-222	-73.0	1,267	2,809	-1,542	-54.9	1,136	1,278	-142	-11.1
Louisiana.....		16	-16			110	-110			61	-61	
Oklahoma.....	10,283	16,634	-6,351	-38.2	127,641	350,340	-222,699	-63.6	75,059	281,163	-206,104	-73.5
Texas.....	3,888	4,380	-492	-11.2	52,438	80,366	-27,928	-34.8	31,640	33,354	-1,714	-5.1
<b>MOUNTAIN:</b>												
Montana.....	27,242	22,848	4,394	19.2	753,268	844,140	-90,872	-10.8	478,811	341,368	137,443	40.3
Idaho.....	132,412	32,798	99,614	303.7	4,598,292	969,214	3,629,078	374.4	2,322,705	312,730	2,009,975	642.7
Wyoming.....	8,561	1,225	7,336	598.9	189,057	29,690	159,367	536.7	130,392	15,375	115,017	748.0
Colorado.....	71,411	21,940	49,462	225.3	1,889,342	531,240	1,358,102	255.6	1,100,753	246,510	854,243	346.5
New Mexico.....	2,131	1,110	1,021	92.0	43,490	24,107	19,383	80.4	35,626	12,475	23,151	185.6
Arizona.....	32,897	16,270	16,627	102.2	1,008,442	458,776	549,666	119.8	714,834	223,955	490,879	219.1
Utah.....	26,752	8,644	18,108	209.5	891,471	252,140	639,331	253.6	472,816	121,826	350,990	288.1
Nevada.....	12,200	7,043	5,157	73.2	412,149	224,035	188,114	84.0	310,304	126,898	183,406	144.6
<b>PACIFIC:</b>												
Washington.....	171,888	122,298	49,590	40.6	5,834,615	3,641,056	2,193,559	60.2	3,331,930	1,268,480	2,063,450	162.7
Oregon.....	108,847	60,375	48,472	80.3	2,377,735	1,515,150	862,585	56.9	1,513,310	606,945	906,365	149.3
California.....	1,195,158	1,039,647	165,511	16.1	26,441,954	25,149,335	1,292,619	5.1	17,184,508	10,645,723	6,538,785	61.4

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

\* Includes Indian Territory.

## BARLEY—FARMS REPORTING, ACREAGE, AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1909.

Table 31 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUShELS).			
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879
United States.....	383,197	272,913	7,698,706	4,470,196	3,220,834	1,997,727	173,344,212	119,634,877	78,332,976	43,897,495
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	6,593	11,214	16,242	23,554	35,754	29,580	428,617	704,957	871,872	697,884
Middle Atlantic.....	20,515	22,096	87,733	121,577	370,308	380,461	2,002,189	3,145,218	8,715,178	8,234,253
East North Central.....	122,864	72,615	1,007,102	665,678	662,981	387,989	20,705,278	21,805,348	20,255,569	9,566,921
West North Central.....	190,723	138,474	4,762,928	2,305,281	1,175,304	476,703	98,997,430	59,695,140	27,002,216	9,440,967
South Atlantic.....	3,775	1,748	15,561	5,717	4,765	4,380	409,615	109,559	84,482	68,133
East South Central.....	442	468	5,388	2,848	0,641	23,244	119,922	42,138	232,696	521,974
West South Central.....	1,074	2,174	14,253	21,334	2,946	5,684	181,346	433,025	49,856	74,738
Mountain.....	16,998	7,173	313,606	111,887	53,877	50,345	9,785,511	3,333,342	1,429,228	1,441,550
Pacific.....	14,213	16,951	1,475,893	1,212,320	905,268	630,341	34,654,304	30,305,541	19,691,879	13,951,075
<b>NEW ENGLAND:</b>										
Maine.....	2,258	5,338	4,136	8,809	11,972	11,106	106,674	252,850	280,262	242,185
New Hampshire.....	416	894	848	1,596	4,034	3,461	20,764	46,680	112,378	77,877
Vermont.....	3,560	4,529	10,586	12,152	10,427	10,552	285,008	380,940	420,701	287,625
Massachusetts.....	197	298	849	638	1,785	3,171	9,021	14,987	38,715	80,128
Rhode Island.....	63	72	182	222	363	715	4,676	6,100	8,009	17,733
Connecticut.....	90	83	141	137	273	675	2,474	3,400	5,747	12,286
<b>MIDDLE ATLANTIC:</b>										
New York.....	18,217	19,369	70,956	111,058	349,311	356,029	1,922,868	2,943,250	8,220,242	7,792,062
New Jersey.....	27	60	152	336	47	240	3,082	4,790	1,043	4,091
Pennsylvania.....	2,271	2,667	7,625	9,583	20,950	23,592	130,230	197,178	493,893	438,100
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	4,753	6,073	24,075	34,058	37,092	57,482	560,279	1,053,240	1,059,915	1,707,129
Indiana.....	1,866	1,949	10,188	9,533	10,280	10,399	234,298	260,550	250,200	382,835
Illinois.....	7,074	2,080	63,325	21,375	41,300	55,267	1,613,559	686,580	1,197,206	1,229,523
Michigan.....	21,001	10,427	93,065	44,965	99,305	54,506	2,132,101	1,165,288	2,522,376	1,204,316
Wisconsin.....	87,540	52,080	816,440	555,747	474,914	204,335	22,156,041	18,699,690	15,225,872	5,943,118
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	85,681	54,167	1,573,761	877,845	358,510	116,020	34,927,773	24,314,240	9,100,683	2,972,966
Iowa.....	30,435	34,116	571,224	627,851	518,729	198,861	10,964,184	18,059,060	13,406,122	4,022,588
Missouri.....	852	226	7,915	1,727	1,504	6,472	134,253	28,969	34,803	123,031
North Dakota.....	33,167	17,248	1,215,811	287,092	109,400	116,150	26,365,758	6,752,060	1,570,717	1,277,424
South Dakota.....	28,704	17,940	1,114,531	299,510	97,370	(*)	22,369,130	7,031,700	902,005	(*)
Nebraska.....	5,904	8,435	113,571	92,098	82,590	115,201	1,087,516	2,034,910	1,822,111	1,744,686
Kansas.....	5,980	6,333	160,115	119,158	7,201	23,993	2,221,816	1,474,150	165,715	300,273
<b>SOUTH ATLANTIC:</b>										
Delaware.....	8	1	31	3	12	19	422	40	205	523
Maryland.....	1,215	444	4,494	1,515	818	226	135,454	42,560	18,778	6,097
Virginia.....	2,057	735	9,800	2,708	2,051	859	263,040	53,346	40,982	14,223
West Virginia.....	119	81	408	253	320	424	8,407	3,060	5,387	9,740
North Carolina.....	149	175	504	475	302	230	7,535	4,237	3,521	2,421
South Carolina.....	190	190	189	281	688	1,162	3,483	3,106	9,428	16,257
Georgia.....	36	117	44	305	549	1,439	655	2,290	6,053	18,662
Florida.....	1	5	1	27	9	21	10	320	128	210
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	175	117	2,738	953	5,770	20,089	65,596	17,772	165,959	486,326
Tennessee.....	248	241	2,567	1,590	3,585	2,600	53,201	21,636	63,866	30,019
Alabama.....	14	100	41	273	200	511	372	2,400	1,996	5,281
Mississippi.....	5	10	42	32	80	44	753	339	875	248
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	41	75	82	304	106	157	1,267	2,809	994	1,952
Louisiana.....	4	4	16	41	41	41	110	598	598	598
Oklahoma.....	834	* 1,552	10,283	* 16,634	17	17	127,641	* 350,340	112	112
Texas.....	199	548	3,888	4,380	2,782	5,527	52,438	80,366	48,152	72,786
<b>MOUNTAIN:</b>										
Montana.....	2,267	902	27,242	22,848	4,052	1,323	753,268	844,140	160,902	39,970
Idaho.....	3,955	1,831	132,412	32,798	10,004	8,291	4,598,292	969,214	236,471	274,750
Wyoming.....	882	203	8,561	1,225	480	480	180,057	29,690	11,793	11,793
Colorado.....	4,559	1,576	71,411	21,940	12,086	4,112	1,889,342	531,240	331,556	107,116
New Mexico.....	338	240	2,131	1,110	1,484	2,548	43,490	24,107	35,024	59,653
Arizona.....	983	551	32,897	16,270	10,644	12,404	1,008,442	458,770	252,992	239,051
Utah.....	3,554	1,486	20,752	8,644	6,440	11,268	891,471	252,140	163,328	217,140
Nevada.....	460	384	12,200	7,043	8,081	10,399	412,149	224,035	237,192	513,470
<b>PACIFIC:</b>										
Washington.....	3,333	3,709	171,888	122,298	51,551	14,680	5,834,615	3,641,056	1,269,140	566,537
Oregon.....	3,283	2,975	108,847	60,375	37,722	29,311	2,377,735	1,515,150	874,353	920,977
California.....	7,597	10,267	1,105,158	1,029,647	815,995	580,350	20,441,954	25,149,335	17,548,386	12,463,561

\* Includes South Dakota.

\* See North Dakota.

\* Includes Indian Territory.

INDIVIDUAL CROPS.

BARLEY—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 32 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1859	1859	1909	1899	1889	1879	1859	1859
United States	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0						
<b>GEOGRAPHIC DIVISIONS:</b>																				
New England	0.2	0.5	1.1	1.5	6	6	6	6	0.2	0.6	1.1	1.6	3.7	7.7	6	6	6	6	5	4
Middle Atlantic	1.1	2.7	11.5	19.0	5	4	4	4	1.2	2.6	11.1	18.7	26.8	30.1	5	5	4	4	2	1
East North Central	13.1	14.9	20.6	19.4	3	3	3	3	15.4	18.3	25.9	21.7	23.6	25.8	3	3	2	2	3	3
West North Central	61.9	51.6	36.5	23.9	1	1	1	2	57.1	49.9	34.5	21.5	12.0	5.0	1	1	1	3	4	5
South Atlantic	0.2	0.1	0.1	0.2	7	8	8	9	0.2	0.1	0.1	0.2	0.2	0.8	7	8	8	9	8	7
East South Central	0.1	0.1	0.3	1.2	9	9	7	7	0.1	(1)	0.3	1.2	1.1	2.0	9	9	7	7	7	6
West South Central	0.2	0.5	0.1	0.3	8	7	9	8	0.1	0.4	0.1	0.2	0.2	0.4	8	7	9	8	9	8
Mountain	4.1	2.5	1.7	3.6	4	5	5	5	5.6	2.8	1.8	3.3	2.0	0.1	4	4	5	5	6	9
Pacific	19.2	27.1	28.1	31.6	2	2	2	1	20.0	25.3	25.1	31.7	30.4	28.1	2	2	3	1	1	2
<b>NEW ENGLAND:</b>																				
Maine	0.1	0.2	0.4	0.6	29	23	17	20	0.1	0.2	0.4	0.6	2.2	5.1	29	22	17	20	9	5
New Hampshire	(1)	(1)	0.2	0.2	34	29	25	26	(1)	(1)	0.2	0.2	0.4	0.8	34	28	26	26	19	14
Vermont	0.1	0.3	0.5	0.5	21	20	15	21	0.2	0.3	0.5	0.6	0.4	0.5	21	19	15	19	18	16
Massachusetts	(1)	(1)	0.1	0.2	37	35	30	27	(1)	(1)	0.1	0.2	0.5	0.9	35	35	30	25	17	13
Rhode Island	(1)	(1)	(1)	(1)	39	43	37	34	(1)	(1)	(1)	(1)	0.1	0.3	38	36	36	32	30	19
Connecticut	(1)	(1)	(1)	(1)	41	44	40	35	(1)	(1)	(1)	(1)	0.1	0.1	41	40	38	35	31	23
<b>MIDDLE ATLANTIC:</b>																				
New York	1.0	2.5	10.8	17.9	13	9	5	2	1.1	2.5	10.5	17.7	25.0	26.5	13	8	5	2	2	2
New Jersey	(1)	(1)	(1)	(1)	40	38	44	38	(1)	(1)	(1)	(1)	(1)	0.2	40	37	42	39	33	22
Pennsylvania	0.1	0.2	0.7	1.2	27	21	14	12	0.1	0.2	0.6	1.0	1.8	3.4	25	25	14	14	10	7
<b>EAST NORTH CENTRAL:</b>																				
Ohio	0.3	0.8	1.2	2.9	19	13	13	7	0.3	0.9	1.4	3.9	5.8	10.5	19	13	11	7	5	3
Indiana	0.1	0.2	0.3	0.8	23	22	19	15	0.1	0.2	0.3	0.9	1.2	2.4	23	21	19	15	11	9
Illinois	0.8	0.5	1.3	2.8	15	17	11	8	0.9	0.6	1.5	2.8	8.3	6.5	15	16	10	8	3	4
Michigan	1.2	1.0	3.1	2.7	12	12	7	9	1.2	1.0	3.2	2.7	2.8	1.9	11	12	6	9	8	10
Wisconsin	10.6	12.4	14.7	10.2	5	4	3	3	12.8	15.6	19.4	11.5	5.5	4.5	5	3	2	3	6	6
<b>WEST NORTH CENTRAL:</b>																				
Minnesota	20.4	10.6	11.1	5.8	1	2	4	5	20.1	20.3	11.6	6.8	3.5	0.7	1	2	4	5	7	15
Iowa	7.4	14.0	16.1	10.0	6	3	2	4	6.3	15.1	17.1	9.1	6.6	2.9	6	4	3	4	4	8
Missouri	0.1	(1)	0.1	0.3	20	28	31	23	0.1	(1)	0.1	0.3	0.9	1.4	27	31	32	23	13	12
North Dakota	15.8	6.4	3.4	2.0.8	2	6	6	16	15.2	5.6	2.0	2.0.6	(1, 2)	3	6	8	17	38	.....	
South Dakota	14.5	6.7	3.0	(*)	4	5	8	(*)	12.9	5.9	1.2	(*)	(*)	4	5	12	(*)	(*)	.....	
Nebraska	1.5	2.1	2.6	5.8	10	10	9	6	1.1	1.7	2.3	4.0	0.7	(1)	12	9	7	6	15	38
Kansas	2.2	2.7	0.2	1.2	8	8	22	11	1.3	1.2	6.2	0.7	0.3	(1)	10	11	23	16	20	31
<b>SOUTH ATLANTIC:</b>																				
Delaware	(1)	(1)	(1)	(1)	46	48	47	44	(1)	(1)	(1)	(1)	(1)	(1)	45	48	45	42	43	33
Maryland	0.1	(1)	(1)	(1)	28	31	33	40	0.1	(1)	(1)	(1)	(1)	0.1	26	29	33	37	32	24
District of Columbia																				40
Virginia	0.1	0.1	0.1	(1)	24	27	29	33	0.1	(1)	0.1	(1)	(1)	0.4	22	27	29	34	34	17
West Virginia	(1)	(1)	(1)	(1)	36	42	38	37	(1)	(1)	(1)	(1)	0.2	(*)	36	39	39	36	26	(*)
North Carolina	(1)	(1)	(1)	(1)	35	36	39	39	(1)	(1)	(1)	(1)	(1)	(1)	37	38	40	40	41	34
South Carolina	(1)	(1)	(1)	0.1	38	40	34	32	(1)	(1)	(1)	(1)	(1)	0.1	39	41	35	33	37	27
Georgia	(1)	(1)	(1)	0.1	43	37	35	30	(1)	(1)	(1)	(1)	(1)	0.1	44	44	37	31	35	26
Florida	(1)	(1)	(1)	(1)	47	46	48	43	(1)	(1)	(1)	(1)	(1)	0.1	47	46	47	44	45	29
<b>EAST SOUTH CENTRAL:</b>																				
Kentucky	(1)	(1)	0.2	1.0	31	34	24	13	(1)	(1)	0.2	1.1	0.8	1.7	30	34	22	13	14	11
Tennessee	(1)	(1)	0.1	0.1	32	30	27	28	(1)	(1)	0.1	0.1	0.3	0.2	31	33	27	30	22	21
Alabama	(1)	(1)	(1)	(1)	45	41	41	36	(1)	(1)	(1)	(1)	(1)	0.1	46	43	41	38	36	25
Mississippi	(1)	(1)	(1)	(1)	44	45	43	42	(1)	(1)	(1)	(1)	(1)	(1)	43	45	44	43	39	36
<b>WEST SOUTH CENTRAL:</b>																				
Arkansas	(1)	(1)	(1)	(1)	42	39	42	41	(1)	(1)	(1)	(1)	(1)	(1)	42	42	43	41	42	35
Louisiana		(1)	(1)			47	45			(1)	(1)		(1)	(1)	47	47	45		44	39
Oklahoma	0.1	*0.4	(1)		22	*18	46		0.1	*0.3	(1)			28	*20	48				
Texas	0.1	0.1	0.1	0.3	30	26	28	24	(1)	(1)	0.1	0.2	0.2	0.4	32	26	28	27	28	18
<b>MOUNTAIN:</b>																				
Montana	0.4	0.5	0.1	0.1	17	15	26	31	0.4	0.7	0.2	0.1	0.3	.....	18	15	25	29	21	.....
Idaho	1.7	0.7	0.3	0.4	9	14	20	22	2.7	0.8	0.3	0.6	0.2	.....	8	14	21	18	23	.....
Wyoming	0.1	(1)	(1)		25	32	36	.....	0.1	(1)	(1)			.....	24	30	34			.....
Colorado	0.9	0.5	0.4	0.2	14	16	16	25	1.1	0.5	0.4	0.3	0.1	.....	14	17	16	24	29	.....
New Mexico	(1)	(1)	(1)	0.1	33	33	32	29	(1)	(1)	0.1	0.1	(1)	(1)	33	32	31	28	40	30
Arizona	0.4	0.4	0.3	0.6	16	19	18	18	0.6	0.4	0.3	0.5	0.2	.....	16	18	18	21	25	.....
Utah	0.3	0.2	0.2	0.6	18	24	23	19	0.5	0.2	0.2	0.5	0.2	0.1	17	23	24	22	27	28
Nevada	0.2	0.2	0.3	1.0	20	25	21	14	0.2	0.2	0.3	1.2	1.0	(1)	20	24	20	12	12	37
<b>PACIFIC:</b>																				
Washington	2.2	2.7	1.6	0.7	7	7	10	17	3.4	3.0	1.6	1.3	0.2	(1)	7	7	9	11	24	22
Oregon	1.4	1.3	1.2	1.5	11	11	12	10	1.4	1.3	1.1	2.1	0.7	0.2	9	10	13	10	16	20
California	15.5	23.0	25.3	29.3	3	1	1	1	15.3	21.0	22.4	28.3	29.5	27.9	2	1	1	1	1	1

<sup>1</sup>Less than one-tenth of 1 per cent. <sup>2</sup>Includes South Dakota. <sup>3</sup>See North Dakota. <sup>4</sup>Includes West Virginia. <sup>5</sup>See Virginia. <sup>6</sup>Includes Indian Territory.

BARLEY—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BUSHEL AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

Table 33

DIVISION OR STATE.	FARMS REPORTING BARLEY.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHEL).				AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms.		Average acres per farm.		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899
	1909	1899	1909	1899												
United States.....	6.0	4.8	20.1	16.4	1.6	1.1	0.9	0.7	22.5	26.8	24.3	22.0	\$0.53	\$0.35	\$12.01	\$9.31
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	3.5	5.8	2.5	2.1	0.2	0.3	0.3	0.2	20.4	20.0	24.4	23.6	0.80	0.52	21.10	15.46
Middle Atlantic.....	4.4	4.0	4.3	5.5	0.3	0.4	1.2	1.1	23.5	25.0	23.5	21.6	0.69	0.47	16.12	12.29
East North Central.....	10.9	6.4	8.2	9.2	1.1	0.8	0.8	0.5	26.5	32.8	30.6	24.7	0.57	0.37	15.13	12.26
West North Central.....	17.7	13.1	24.2	16.6	2.9	1.7	1.1	0.8	20.8	25.9	23.0	19.8	0.48	0.29	9.95	7.59
South Atlantic.....	0.3	0.2	4.1	3.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	26.3	19.2	17.8	15.6	0.68	0.49	17.80	9.31
East South Central.....	( <sup>1</sup> )	0.1	12.2	6.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.3	14.8	24.1	22.5	0.66	0.50	14.69	7.45
West South Central.....	0.1	0.3	13.3	9.8	( <sup>1</sup> )	0.1	( <sup>1</sup> )	( <sup>1</sup> )	12.7	20.3	16.0	13.1	0.59	0.27	7.57	5.43
Mountain.....	9.3	7.1	18.4	15.0	2.0	1.3	1.0	2.7	31.2	29.8	26.5	24.3	0.57	0.42	17.75	12.52
Pacific.....	7.5	12.0	103.8	71.5	6.7	6.5	5.2	4.7	23.5	25.0	21.8	22.1	0.64	0.41	14.93	10.33
<b>NEW ENGLAND:</b>																
Maine.....	3.8	0.0	1.8	1.7	0.2	0.4	0.4	0.3	25.8	28.7	23.9	21.8	0.81	0.54	20.85	15.60
New Hampshire.....	1.5	3.0	2.0	1.8	0.1	0.1	0.3	0.1	24.5	29.2	22.8	22.5	0.83	0.54	20.39	15.78
Vermont.....	10.0	13.7	3.0	2.7	0.6	0.6	0.6	0.3	26.9	31.3	25.6	25.4	0.79	0.49	21.33	15.39
Massachusetts.....	0.5	0.8	1.8	2.1	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1	25.8	23.5	21.7	25.3	0.80	0.62	20.56	14.62
Rhode Island.....	1.2	1.3	2.9	3.1	0.1	0.1	0.1	0.2	25.7	27.5	22.1	24.9	0.88	0.57	22.67	15.61
Connecticut.....	0.3	0.3	1.6	1.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.5	24.8	21.1	21.4	0.82	0.55	14.40	13.55
<b>MIDDLE ATLANTIC:</b>																
New York.....	8.4	8.5	4.4	5.8	0.5	0.7	2.1	2.0	24.0	26.4	23.5	21.8	0.68	0.48	16.46	12.56
New Jersey.....	0.1	0.2	5.6	5.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.3	14.3	22.2	17.0	0.64	0.48	12.94	6.85
Pennsylvania.....	1.0	1.2	3.4	3.6	0.1	0.1	0.2	0.2	17.9	20.6	23.6	18.6	0.71	0.45	12.63	9.30
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	1.7	2.2	5.1	5.6	0.1	0.2	0.2	0.3	23.6	30.9	28.6	29.7	0.55	0.38	12.95	11.83
Indiana.....	0.0	0.9	5.4	4.9	0.1	0.1	0.1	0.1	23.0	27.3	24.3	23.3	0.57	0.39	13.11	10.64
Illinois.....	2.8	0.8	9.0	10.3	0.2	0.1	0.2	0.2	25.5	32.1	28.9	22.2	0.55	0.35	13.91	11.36
Michigan.....	10.4	5.1	4.3	4.3	0.7	0.4	1.0	0.7	22.9	25.9	25.4	22.1	0.58	0.42	13.24	11.01
Wisconsin.....	40.4	30.7	9.3	10.7	6.9	4.9	4.8	2.2	27.1	33.6	32.1	24.7	0.57	0.37	15.53	12.45
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	54.9	35.0	18.4	16.2	8.0	4.8	3.2	1.6	22.2	27.7	25.4	25.6	0.49	0.30	10.94	8.23
Iowa.....	16.8	14.0	15.7	18.4	1.9	2.1	2.0	1.0	19.2	28.8	25.8	20.2	0.49	0.30	9.31	8.51
Missouri.....	0.3	0.1	9.3	7.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.0	16.8	23.2	19.0	0.60	0.39	10.14	6.50
North Dakota.....	44.0	38.0	30.7	16.6	5.0	3.0	2.3	1.4	21.7	23.5	14.4	17.2	0.45	0.30	9.84	6.95
South Dakota.....	37.0	34.1	38.8	16.7	7.0	2.7	1.4	( <sup>3</sup> )	20.1	23.5	9.3	( <sup>3</sup> )	0.49	0.28	9.76	6.69
Nebraska.....	4.6	6.9	19.2	10.9	0.5	0.5	0.5	2.1	17.5	22.1	22.1	15.1	0.44	0.27	7.67	5.92
Kansas.....	3.4	3.7	27.8	18.8	0.6	0.5	( <sup>1</sup> )	0.2	13.4	12.4	23.0	12.6	0.49	0.26	6.50	3.22
<b>SOUTH ATLANTIC:</b>																
Delaware.....	0.1	( <sup>1</sup> )	3.9	3.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.6	13.3	17.1	27.5	0.68	0.75	9.29	10.00
Maryland.....	2.5	1.0	3.7	3.4	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	30.1	28.1	23.0	27.0	0.58	0.44	17.63	12.39
District of Columbia.....																
Virginia.....	1.1	0.4	4.8	3.8	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.6	19.3	20.0	16.0	0.71	0.47	13.17	9.63
West Virginia.....	0.1	0.1	3.4	3.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.6	14.5	16.5	23.0	0.67	0.50	13.82	7.24
North Carolina.....	0.1	0.1	3.4	2.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.0	8.9	11.7	10.5	0.91	0.55	13.62	4.92
South Carolina.....	0.1	0.1	1.0	1.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.4	11.1	13.7	14.0	1.23	0.93	22.74	10.32
Georgia.....	( <sup>1</sup> )	0.1	1.2	3.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.9	5.8	11.0	13.0	1.44	0.89	21.41	5.18
Florida.....	( <sup>1</sup> )	( <sup>1</sup> )	1.0	5.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.0	11.9	14.2	10.0	0.80	0.99	8.00	11.78
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	0.1	( <sup>1</sup> )	15.6	8.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.2	24.0	18.6	28.7	24.2	0.65	0.46	15.68	8.56
Tennessee.....	0.1	0.1	10.4	6.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.7	13.6	17.8	11.5	0.66	0.52	13.78	7.09
Alabama.....	( <sup>1</sup> )	( <sup>1</sup> )	2.9	2.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.1	8.8	10.0	10.3	0.90	0.66	8.20	5.79
Mississippi.....	( <sup>1</sup> )	( <sup>1</sup> )	8.4	3.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.9	10.3	10.9	7.9	0.72	0.62	12.93	6.34
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	( <sup>1</sup> )	( <sup>1</sup> )	2.0	4.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.5	9.2	9.4	12.4	0.90	0.45	13.85	4.20
Louisiana.....		( <sup>1</sup> )		4.0		( <sup>1</sup> )	( <sup>1</sup> )			6.9	14.6			0.55		3.81
Oklahoma.....	0.4	1.4	12.3	10.7	0.1	0.2	( <sup>1</sup> )		12.4	21.1	6.6		0.59	0.23	7.33	4.88
Texas.....	( <sup>1</sup> )	0.2	10.5	8.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.5	18.3	17.3	13.2	0.60	0.42	8.13	7.62
<b>MOUNTAIN:</b>																
Montana.....	8.6	6.7	12.0	25.3	0.7	1.3	0.5	0.5	27.6	36.9	34.6	30.2	0.64	0.40	17.58	14.94
Idaho.....	12.8	10.5	33.5	17.9	4.8	2.3	1.6	4.2	34.7	29.6	23.6	33.1	0.51	0.32	17.54	9.54
Wyoming.....	8.0	3.3	9.7	6.0	0.7	0.2	0.1		22.1	24.2	24.2		0.69	0.52	15.23	12.55
Colorado.....	9.9	6.4	15.7	13.9	1.7	1.0	0.7	0.7	26.5	24.2	27.4	26.0	0.58	0.46	15.41	11.23
New Mexico.....	0.9	1.9	6.3	4.6	0.1	0.3	0.6	1.1	20.4	21.7	23.6	10.6	0.32	0.52	16.72	11.24
Arizona.....	10.7	9.5	33.5	29.5	9.4	6.4	10.2	22.1	30.7	28.2	23.8	19.3	0.71	0.49	21.73	13.77
Utah.....	16.4	7.7	7.5	5.8	2.0	0.8	1.2	2.7	33.3	29.2	25.4	19.3	0.53	0.43	17.67	14.09
Nevada.....	17.1	17.6	26.5	18.3	1.6	1.2	1.1	5.6	33.8	31.8	29.4	26.5	0.75	0.57	25.44	18.02
<b>PACIFIC:</b>																
Washington.....	5.9	11.2	51.6	33.0	2.7	3.5	2.8	3.0	33.9	29.8	24.0	38.6	0.57	0.35	19.38	10.37
Oregon.....	7.2	8.3	33.2	20.3	2.5	1.8	1.1	1.3	21.8	25.1	23.2	31.4	0.64	0.40	13.90	10.05
California.....	8.6	14.2	157.3	100.3	10.5	8.6	6.7	5.5	22.1	24.4	21.5	21.3	0.65	0.42	14.38	10.34

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes South Dakota.

<sup>3</sup> See North Dakota.

<sup>4</sup> Includes Indian Territory.

RYE.

The United States as a whole.—Table 34 gives the statistics for rye for the United States as a whole.

	RYE.			
	1909	1899	1889	1879
Number of farms reporting.....	275,796	295,108		
Per cent of all farms.....	4.3	5.1		
Acreage.....	2,195,561	2,054,292	2,171,604	1,842,233
Increase over preceding census <sup>1</sup> .....	141,269	-117,312	329,371	
Per cent of increase <sup>1</sup> .....	6.9	-5.4	17.9	
Acres per farm reporting.....	8.0	7.0		
Per cent that acreage in rye formed of—				
Total improved acreage.....	0.5	0.5	0.6	0.6
Total reported crop acreage.....	0.7	0.7		
Production (bushels).....	29,520,457	25,568,625	28,421,398	19,831,595
Increase over preceding census <sup>1</sup> .....	3,951,832	-2,852,773	8,589,803	2,012,800
Per cent of increase <sup>1</sup> .....	15.5	-10.0	43.3	17.2
Average yield per acre.....	13.4	12.4	13.1	10.8
Value.....	\$20,421,812	\$12,290,540		
Increase over preceding census.....	\$8,131,272			
Per cent of increase.....	66.2			
Average per bushel.....	\$0.69	\$0.48		
Average per acre.....	\$9.30	\$5.98		
Per cent that value of rye formed of total value of all crops.....	0.4	0.4		

<sup>1</sup> A minus sign (—) denotes decrease.

NOTE.—The production of rye was 16,918,795 bushels in 1869 and 21,101,380 bushels in 1859.

The acreage of rye in 1909 was 2,195,561, as compared with 2,054,292 in 1899, thus showing an increase of 141,269, or 6.9 per cent. The production of rye increased from 25,569,000 bushels in 1899 to 29,520,000 in 1909, an increase of 3,952,000, or 15.5 per cent. Thus the yield of rye per acre was greater in 1909 than in 1899, 13.4 bushels as compared with 12.4 bushels.

The acreage of rye was 1,842,233 in 1879, increased to 2,171,604 in 1889, then declined to 2,054,292 in 1899, and reached its maximum, 2,195,561, in 1909.

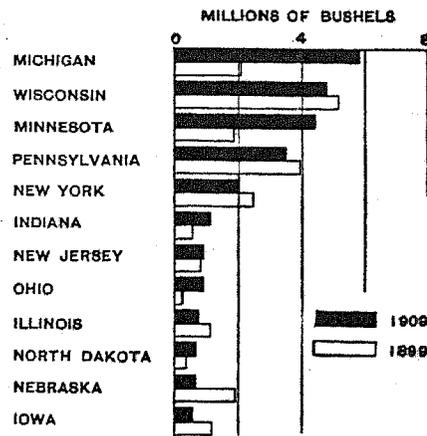
The percentage of all farms reporting rye fell from 5.1 in 1899 to 4.3 in 1909, while the average rye acreage per farm reporting rose from 7 to 8 during the decade. The average yield per acre was higher in 1909 than in any other census year included in the table. The average price per bushel rose from 48 cents in 1899 to 69 cents in 1909, and the average value per acre rose from \$5.98 to \$9.30.

Divisions and states.—Tables 35 to 38, inclusive, give, by divisions and states, information similar to that which Table 34 gives for the United States as a whole. Four divisions, the two North Central, the Middle Atlantic, and the South Atlantic, contained 94.2 per cent of the rye acreage in 1909. In fact, nearly two-thirds of the acreage of that crop was reported by five states—Michigan, Wisconsin, Pennsylvania, Minnesota, and New York—no other state having as much as 100,000 acres planted to rye.

The East North Central division showed a considerable increase in the amount of rye acreage between 1899 and 1909, and the South Atlantic also showed an increase, while the West North Central and the Middle Atlantic divisions showed considerable decreases. Of the leading states, Michigan had the greatest absolute increase in the acreage of rye, 244,924, or 140.7 per

cent, and Minnesota, with an increase of 147,698 acres, or 124.3 per cent, was second, while New York, Pennsylvania, and Wisconsin reported losses in the acreage of rye in 1909 as compared with 1899.

PRODUCTION OF RYE: 1909 AND 1899.



The production of rye increased notably between 1899 and 1909 in the East North Central division, and also in the South Atlantic, while in the Middle Atlantic it decreased, and in the West North Central showed only a slight increase. The Mountain division showed a very decided increase in the production of rye and took fifth place in this respect in 1909, while the Pacific showed a material decrease. The comparative diagram above shows the production of rye, by millions of bushels, for each of the principal producing states for both 1909 and 1899.

The total value of the rye produced in 1909 was \$20,422,000, an increase of \$8,131,000, or 66.2 per cent, since 1899. The West South Central and Pacific divisions showed an increase in the value of rye in 1909 as compared with 1899. Each of the principal rye producing states showed an increase, the greatest increases being reported for Michigan, \$2,911,000, or 281.7 per cent, and Minnesota, \$1,896,000, or 241.9 per cent.

A comparison of the distribution of the production of rye, by divisions, for the years 1859 to 1909 shows that the two North Central divisions, which reported less than one-fifth of the total in 1859, produced more than two-thirds of all the rye raised in 1909, while the Middle Atlantic, which produced more than one-half in 1859, only raised about one-fifth in 1909, and the share of the South Atlantic division declined from about one-tenth to less than one-twentieth. Pennsylvania, New York, and New Jersey were the three leading rye producing states in 1859; in 1909 they occupied the fourth, fifth, and seventh places, respectively; while Michigan, Wisconsin, and Minnesota, which had ranked eleventh, seventh, and twenty-first, in the production of rye in 1859, occupied the first three places in 1909.

The yield of rye per acre in 1909 was much higher in the North and the West than in the South. The East and West North Central divisions showed higher yields than the average for the entire country.

RYE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 35 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELLS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Perct.
<b>United States</b> .....	2, 195, 561	2, 064, 292	141, 269	6. 9	29, 520, 457	25, 568, 625	3, 951, 832	15. 5	\$20, 421, 812	\$12, 290, 540	\$8, 131, 272	66. 2
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	13, 221	18, 655	-5, 434	-29. 1	230, 458	317, 064	-87, 506	-27. 5	206, 852	178, 971	27, 881	15. 6
Middle Atlantic.....	472, 132	556, 431	-84, 299	-15. 1	6, 458, 475	7, 207, 830	-749, 355	-10. 4	4, 959, 172	3, 906, 606	1, 052, 566	26. 9
East North Central.....	668, 558	676, 303	292, 255	43. 2	13, 443, 196	9, 109, 566	4, 243, 630	46. 1	9, 011, 508	4, 381, 009	4, 629, 959	106. 7
West North Central.....	470, 582	556, 406	-85, 824	-15. 4	6, 907, 788	6, 798, 638	109, 150	1. 6	4, 216, 576	2, 700, 204	1, 516, 312	56. 2
South Atlantic.....	157, 546	114, 319	43, 227	37. 8	1, 322, 474	862, 549	459, 925	53. 3	1, 106, 017	403, 510	613, 008	124. 2
East South Central.....	50, 091	35, 985	14, 106	39. 2	400, 709	275, 363	125, 346	45. 5	337, 152	166, 526	170, 626	102. 5
West South Central.....	5, 026	10, 582	-4, 656	-44. 0	49, 137	104, 027	-55, 490	-53. 0	41, 165	56, 281	-15, 116	-26. 9
Mountain.....	32, 115	9, 519	22, 596	237. 4	439, 767	123, 458	316, 309	256. 2	300, 134	64, 059	236, 475	364. 2
Pacific.....	25, 390	76, 092	-50, 702	-66. 0	268, 453	678, 630	-410, 177	-60. 4	242, 576	342, 105	-99, 629	-29. 1
<b>NEW ENGLAND:</b>												
Maine.....	292	611	-319	-52. 2	4, 815	9, 290	-4, 475	-48. 2	4, 388	6, 126	-1, 738	-28. 4
New Hampshire.....	260	350	-90	-25. 7	4, 534	5, 320	-786	-14. 8	4, 080	3, 529	1, 151	32. 6
Vermont.....	1, 115	2, 264	-1, 149	-50. 8	16, 089	31, 950	-15, 261	-47. 8	14, 533	18, 012	-3, 479	-19. 3
Massachusetts.....	3, 476	4, 557	-1, 081	-23. 7	59, 183	60, 294	-1, 111	-1. 8	52, 396	34, 291	18, 105	52. 8
Rhode Island.....	477	591	-114	-19. 3	7, 545	7, 710	-165	-2. 1	7, 007	4, 751	2, 256	47. 5
Connecticut.....	7, 001	10, 282	-2, 681	-26. 1	137, 692	203, 400	-65, 708	-32. 3	123, 848	112, 262	11, 586	10. 3
<b>MIDDLE ATLANTIC:</b>												
New York.....	130, 540	177, 416	-46, 876	-26. 4	2, 010, 601	2, 431, 670	-421, 069	-17. 3	1, 578, 408	1, 393, 313	185, 095	13. 3
New Jersey.....	69, 032	68, 067	65	0. 1	951, 271	831, 410	119, 861	14. 4	707, 250	442, 446	264, 804	59. 8
Pennsylvania.....	272, 560	310, 048	-37, 488	-12. 1	3, 496, 603	3, 944, 760	-448, 147	-11. 4	2, 673, 514	2, 070, 847	602, 667	29. 1
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	67, 912	17, 583	50, 329	286. 2	921, 019	257, 120	664, 799	258. 6	636, 276	128, 072	508, 204	396. 8
Indiana.....	83, 440	43, 562	39, 878	91. 5	1, 121, 589	504, 300	557, 289	98. 8	743, 782	266, 487	477, 295	179. 1
Illinois.....	58, 973	78, 869	-19, 896	-25. 2	787, 519	1, 104, 670	-317, 151	-28. 7	523, 374	509, 688	13, 686	2. 7
Michigan.....	419, 020	174, 096	244, 924	140. 7	5, 814, 394	2, 130, 870	3, 683, 524	172. 9	3, 944, 616	1, 033, 416	2, 911, 200	281. 7
Wisconsin.....	339, 213	362, 193	-22, 980	-6. 3	4, 797, 775	5, 142, 600	-344, 831	-6. 7	3, 163, 520	2, 443, 946	719, 574	29. 4
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	266, 567	118, 869	147, 698	124. 3	4, 426, 028	1, 866, 150	2, 559, 878	137. 2	2, 670, 987	783, 852	1, 886, 135	241. 9
Iowa.....	42, 042	89, 172	-47, 130	-52. 9	570, 996	1, 179, 970	-608, 974	-51. 0	357, 220	480, 817	-123, 597	-25. 7
Missouri.....	20, 001	21, 233	-1, 232	-5. 8	205, 813	220, 338	-14, 525	-6. 6	156, 852	103, 192	53, 660	52. 0
North Dakota.....	48, 188	27, 995	20, 193	72. 1	689, 233	308, 240	320, 993	87. 2	411, 728	138, 771	272, 957	196. 7
South Dakota.....	13, 778	30, 253	-25, 475	-64. 9	194, 072	454, 860	-260, 188	-57. 2	115, 126	164, 860	-49, 734	-30. 2
Nebraska.....	62, 827	178, 920	-116, 093	-64. 0	660, 631	1, 901, 820	-1, 241, 189	-65. 3	383, 736	712, 759	-329, 023	-46. 3
Kansas.....	17, 179	80, 064	-63, 785	-78. 8	160, 415	807, 260	-646, 845	-80. 1	111, 927	316, 013	-204, 086	-64. 6
<b>SOUTH ATLANTIC:</b>												
Delaware.....	1, 017	1, 103	-86	-7. 8	11, 423	12, 380	-957	-7. 7	8, 169	5, 831	2, 338	40. 1
Maryland.....	28, 093	21, 621	6, 472	29. 9	367, 562	270, 556	78, 012	27. 9	252, 691	141, 433	111, 258	78. 7
District of Columbia.....	13	22	-9	( <sup>1</sup> )	190	290	-100	-34. 5	135	162	-27	-16. 7
Virginia.....	47, 890	31, 534	16, 356	51. 9	438, 345	246, 834	191, 511	77. 6	344, 241	124, 165	220, 046	177. 2
West Virginia.....	15, 679	13, 758	1, 921	14. 0	148, 676	111, 031	37, 645	33. 9	122, 258	58, 784	63, 474	108. 0
North Carolina.....	48, 685	28, 074	20, 611	73. 4	280, 431	133, 736	146, 701	109. 7	269, 566	86, 228	183, 338	212. 6
South Carolina.....	2, 958	4, 256	-1, 298	-30. 5	20, 631	19, 372	1, 259	6. 5	32, 197	18, 405	13, 792	74. 9
Georgia.....	12, 352	13, 185	-833	-6. 3	50, 037	54, 492	5, 445	10. 0	69, 365	52, 937	16, 428	31. 0
Florida.....	859	766	93	12. 1	5, 279	4, 870	409	8. 4	7, 995	5, 544	2, 451	44. 2
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	26, 813	17, 618	9, 195	52. 2	255, 532	155, 365	100, 167	64. 5	202, 534	88, 315	114, 219	129. 3
Tennessee.....	22, 798	16, 556	6, 242	37. 7	140, 925	107, 912	33, 013	30. 6	120, 845	68, 381	61, 464	89. 9
Alabama.....	437	1, 708	-1, 271	-74. 4	3, 736	11, 123	-7, 387	-66. 4	4, 314	9, 075	-4, 761	-52. 5
Mississippi.....	43	103	-60	-58. 3	516	963	-447	-46. 4	459	755	-296	-39. 3
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1, 080	2, 883	-1, 803	-62. 5	7, 354	19, 125	-11, 771	-61. 5	6, 834	11, 428	-4, 594	-40. 3
Louisiana.....	19	55	-36	( <sup>1</sup> )	193	372	-179	-48. 1	236	323	-87	-26. 9
Oklahoma.....	4, 291	3, 660	631	17. 2	37, 240	42, 360	-5, 120	-12. 1	30, 364	217, 168	13, 196	76. 9
Texas.....	536	3, 984	-3, 448	-86. 5	4, 350	42, 770	-38, 420	-89. 8	3, 731	27, 362	-23, 631	-86. 4
<b>MOUNTAIN:</b>												
Montana.....	6, 034	2, 003	4, 031	201. 2	111, 214	33, 120	78, 094	235. 8	82, 660	16, 546	66, 123	399. 5
Idaho.....	3, 295	1, 304	1, 991	152. 7	40, 241	16, 580	23, 661	142. 7	28, 976	8, 328	20, 648	247. 9
Wyoming.....	1, 516	1, 006	510	50. 7	20, 479	15, 580	4, 899	31. 4	14, 791	9, 574	5, 217	54. 5
Colorado.....	15, 715	2, 148	13, 567	631. 6	193, 025	26, 180	171, 845	656. 4	123, 580	13, 876	109, 654	799. 2
New Mexico.....	257	48	209	( <sup>1</sup> )	2, 913	1, 064	1, 849	173. 8	2, 650	701	1, 949	278. 0
Arizona.....	21	15	6	( <sup>1</sup> )	261	190	71	37. 4	239	157	82	52. 2
Utah.....	5, 234	2, 866	2, 368	82. 6	65, 754	28, 630	37, 124	129. 7	40, 338	13, 761	32, 577	236. 7
Nevada.....	43	129	-86	-66. 7	880	2, 114	-1, 234	-58. 4	941	1, 716	-776	-45. 2
<b>PACIFIC:</b>												
Washington.....	5, 450	3, 077	2, 373	77. 1	50, 746	44, 945	5, 801	12. 9	43, 974	23, 566	20, 408	86. 6
Oregon.....	12, 913	10, 090	2, 823	28. 0	147, 024	109, 234	37, 790	34. 6	132, 756	67, 053	65, 703	98. 0
California.....	7, 027	62, 925	-55, 898	-88. 8	70, 683	524, 451	-453, 768	-86. 5	65, 846	251, 486	-185, 640	-73. 8

<sup>1</sup> Per cent not shown where base is less than 100.

<sup>2</sup> Includes Indian Territory.

INDIVIDUAL CROPS.

RYE—FARMS REPORTING, ACREAGE, AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1909.

Table 36 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).			
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879
United States.....	275,798	295,108	2,195,561	2,054,292	2,171,604	1,842,233	29,520,457	25,568,625	28,421,298	19,831,595
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	5,674	7,612	13,221	18,655	32,770	64,428	230,458	317,964	403,525	730,215
Middle Atlantic.....	79,627	101,683	472,132	556,431	650,160	749,413	6,458,475	7,207,830	7,681,836	7,267,375
East North Central.....	113,438	95,693	968,558	676,303	703,943	439,544	13,443,196	9,199,566	10,865,029	6,407,542
West North Central.....	32,948	50,437	470,582	556,406	472,174	234,008	6,907,788	6,798,638	7,066,600	3,131,164
South Atlantic.....	32,982	27,901	157,546	114,319	184,640	195,064	1,322,474	862,549	1,268,879	1,152,226
East South Central.....	6,940	7,173	50,091	35,985	74,585	128,480	400,709	275,363	607,630	858,005
West South Central.....	847	2,180	5,926	10,582	7,908	6,817	49,137	104,627	78,977	48,799
Mountain.....	2,204	977	32,115	9,519	9,403	2,839	439,767	123,458	102,657	34,159
Pacific.....	1,136	1,452	25,390	76,092	36,021	21,640	268,453	678,630	326,265	202,110
<b>NEW ENGLAND:</b>										
Maine.....	109	330	292	611	791	2,161	4,815	9,290	6,664	26,398
New Hampshire.....	176	215	260	350	1,056	3,218	4,534	5,320	11,962	34,638
Vermont.....	278	641	1,115	2,264	3,379	6,319	16,689	31,950	43,256	71,733
Massachusetts.....	1,304	1,662	3,476	4,557	10,665	21,666	59,183	60,294	117,091	213,716
Rhode Island.....	176	193	477	591	779	1,270	7,545	7,710	9,617	12,997
Connecticut.....	3,631	4,571	7,601	10,282	16,100	29,794	137,692	203,400	214,935	370,733
<b>MIDDLE ATLANTIC:</b>										
New York.....	19,517	28,161	130,540	177,416	236,874	244,923	2,010,601	2,431,670	3,065,623	2,634,690
New Jersey.....	7,462	9,298	69,032	68,967	77,245	106,025	951,271	831,410	874,049	949,064
Pennsylvania.....	52,648	64,224	272,560	310,048	336,041	398,465	3,496,603	3,944,750	3,742,164	3,683,621
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	10,224	4,110	67,912	17,588	59,643	29,499	921,919	257,120	1,007,156	389,221
Indiana.....	9,512	6,070	83,440	43,562	62,890	25,400	1,121,589	564,300	877,632	303,105
Illinois.....	4,643	7,216	58,973	78,869	165,598	192,138	787,619	1,104,670	2,628,046	3,121,785
Michigan.....	48,889	26,687	419,020	174,096	140,754	22,815	5,814,394	2,130,870	2,101,713	294,918
Wisconsin.....	40,170	51,004	339,213	362,193	275,058	169,692	4,797,775	5,142,606	4,260,582	2,298,513
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	18,777	11,662	266,567	118,869	62,869	13,614	4,426,028	1,866,150	1,262,663	215,245
Iowa.....	4,301	10,842	42,042	89,172	93,707	102,607	570,996	1,179,970	1,445,283	1,518,605
Missouri.....	2,601	3,411	20,001	21,233	24,283	46,484	205,813	220,338	308,507	535,426
North Dakota.....	1,463	2,062	48,188	27,995	1,568	12,385	689,233	368,240	12,195	124,359
South Dakota.....	679	2,832	13,778	39,253	9,229	(?)	194,672	454,560	65,183	(?)
Nebraska.....	3,887	13,515	62,827	178,920	81,372	34,297	660,631	1,901,820	1,085,083	424,348
Kansas.....	1,240	6,113	17,179	80,964	199,146	34,621	160,415	807,260	2,917,386	413,181
<b>SOUTH ATLANTIC:</b>										
Delaware.....	210	242	1,017	1,103	775	773	11,423	12,380	6,625	5,953
Maryland.....	5,181	4,498	28,093	21,621	34,302	32,405	357,562	279,550	352,596	288,067
District of Columbia.....	2	7	13	22	111	301	190	290	1,099	3,704
Virginia.....	8,509	7,057	47,890	31,534	52,063	48,746	438,345	246,834	397,394	324,431
West Virginia.....	2,774	2,935	15,679	13,758	14,962	17,279	148,676	111,031	117,113	113,181
North Carolina.....	12,830	8,141	48,685	28,074	56,496	61,963	280,431	133,730	276,339	265,160
South Carolina.....	1,043	1,430	2,958	4,256	4,129	7,152	20,631	19,372	17,303	27,049
Georgia.....	2,340	3,460	12,352	13,185	20,949	25,854	59,937	54,492	87,021	101,716
Florida.....	93	131	859	766	853	601	5,279	4,870	13,389	2,965
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	3,488	2,991	26,813	17,618	45,546	89,417	255,532	155,365	423,847	668,050
Tennessee.....	3,166	3,197	22,798	16,556	26,443	32,493	140,925	107,912	165,621	156,419
Alabama.....	267	926	437	1,708	2,190	5,764	3,736	11,123	14,618	28,402
Mississippi.....	19	59	43	103	406	806	516	963	3,544	5,134
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	303	862	1,080	2,883	2,470	3,290	7,354	19,125	15,181	22,387
Louisiana.....	9	27	19	55	78	201	193	372	374	1,013
Oklahoma.....	396	* 369	4,291	* 3,660	110	-----	37,240	* 42,360	1,052	-----
Texas.....	139	922	536	3,984	5,255	3,326	4,350	42,770	62,370	25,399
<b>MOUNTAIN:</b>										
Montana.....	395	143	6,034	2,003	14	15	111,214	33,120	188	430
Idaho.....	218	115	3,295	1,304	1,092	354	40,241	16,590	10,809	4,341
Wyoming.....	158	98	1,516	1,006	141	6	20,479	15,580	2,055	78
Colorado.....	992	238	15,715	2,148	4,615	1,294	198,025	26,180	54,158	19,465
New Mexico.....	28	10	257	48	69	17	2,913	1,064	810	240
Arizona.....	6	4	21	15	29	-----	261	190	207	-----
Utah.....	396	354	5,234	2,866	3,389	1,153	65,754	28,630	33,928	9,605
Nevada.....	11	15	43	129	54	-----	880	2,114	502	-----
<b>PACIFIC:</b>										
Washington.....	215	259	5,450	3,077	1,763	518	50,746	44,945	19,188	7,124
Oregon.....	728	779	12,913	10,090	6,845	841	147,024	109,234	63,206	13,305
California.....	193	414	7,027	62,925	27,413	20,281	70,683	524,451	243,871	181,681

\* Includes South Dakota.

\* See North Dakota.

\* Includes Indian Territory.

RYE—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 37 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
<b>United States</b> .....	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0						
<b>GEORGAPHIC DIVISIONS:</b>																				
New England.....	0.6	0.9	1.5	3.5	8	7	7	6	0.8	1.2	1.4	3.7	4.1	6.7	8	6	6	6	6	5
Middle Atlantic.....	21.5	27.1	29.9	40.7	2	2	2	1	21.0	28.2	27.0	36.6	39.2	55.5	3	2	2	1	1	1
East North Central.....	44.1	32.9	32.4	23.9	1	1	1	2	45.5	36.0	38.2	32.3	30.0	16.5	1	1	1	2	2	2
West North Central.....	21.4	27.1	21.7	12.7	3	3	3	3	23.1	26.6	24.9	15.8	7.4	2.9	2	3	3	3	5	6
South Atlantic.....	7.2	5.6	8.5	10.6	4	4	4	4	4.5	3.4	4.5	5.8	9.7	10.3	4	4	4	4	3	3
East South Central.....	2.3	1.8	3.4	7.0	5	6	5	5	1.4	1.1	2.1	4.3	8.1	6.7	6	7	5	5	4	4
West South Central.....	0.3	0.5	0.4	0.4	9	8	9	8	0.2	0.4	0.3	0.2	0.4	1.1	9	9	9	8	7	7
Mountain.....	1.5	0.5	0.4	0.2	6	9	8	9	1.5	0.5	0.4	0.2	(1)	(1)	5	8	8	9	8	9
Pacific.....	1.2	3.7	1.7	1.2	7	5	6	7	0.9	2.7	1.1	1.0	0.2	0.3	7	5	7	7	8	8
<b>NEW ENGLAND:</b>																				
Maine.....	(1)	(1)	(1)	0.1	42	41	38	31	(1)	(1)	(1)	0.1	0.2	0.6	40	40	39	28	25	20
New Hampshire.....	(1)	(1)	0.1	0.2	43	43	36	29	(1)	(1)	(1)	0.2	0.3	0.6	41	42	36	25	23	19
Vermont.....	0.1	0.1	0.2	0.3	35	33	30	25	0.1	0.1	0.2	0.4	0.4	0.7	35	31	28	24	22	18
Massachusetts.....	0.2	0.2	0.5	1.2	31	26	23	20	0.2	0.2	0.4	1.1	1.4	1.8	29	25	22	19	16	14
Rhode Island.....	(1)	(1)	(1)	0.1	40	42	39	33	(1)	(1)	(1)	0.1	0.1	0.1	37	41	38	34	29	30
Connecticut.....	0.3	0.5	0.7	1.6	25	24	21	15	0.5	0.8	0.8	1.9	1.7	2.9	24	19	10	12	14	9
<b>MIDDLE ATLANTIC:</b>																				
New York.....	5.9	8.6	10.9	13.3	5	4	3	2	6.8	9.5	10.8	13.3	14.7	22.7	5	3	3	3	2	2
New Jersey.....	3.1	3.4	3.6	5.8	7	10	9	5	3.2	3.3	3.1	4.8	3.4	6.8	7	9	12	6	8	3
Pennsylvania.....	12.4	15.1	15.5	21.6	3	2	1	1	11.8	15.4	13.2	18.6	21.1	26.0	4	2	2	1	1	1
<b>EAST NORTH CENTRAL:</b>																				
Ohio.....	3.1	0.9	2.7	1.0	8	20	12	16	3.1	1.0	3.5	2.0	5.0	3.2	8	16	10	11	6	8
Indiana.....	3.8	2.1	2.9	1.4	6	12	10	18	3.8	2.2	3.1	1.5	2.7	2.2	6	11	11	14	11	12
Illinois.....	2.7	3.8	7.6	10.4	10	9	5	3	2.7	4.3	9.2	15.7	14.5	4.5	9	8	5	2	3	5
Michigan.....	10.1	8.5	6.5	1.2	1	5	6	19	19.7	8.3	7.4	1.5	0.9	2.4	1	4	6	15	18	11
Wisconsin.....	15.5	17.0	12.7	9.2	2	1	2	4	16.3	20.1	15.0	11.6	7.8	4.2	2	1	1	4	4	7
<b>WEST NORTH CENTRAL:</b>																				
Minnesota.....	12.1	5.8	2.9	0.7	4	6	11	23	15.0	7.3	4.4	1.1	0.5	0.6	3	6	8	18	21	21
Iowa.....	1.9	4.3	4.3	5.6	14	7	7	6	1.9	4.6	5.1	7.7	3.0	0.9	12	7	7	5	10	17
Missouri.....	0.9	1.0	1.1	2.5	18	18	19	10	0.7	0.9	1.1	2.7	3.3	1.4	17	18	16	8	9	15
North Dakota.....	2.2	1.4	0.1	0.1	12	16	34	30	2.3	1.4	(1)	0.1	(1, 2)	(1, 2)	10	14	35	30	(1)	30
South Dakota.....	0.6	1.9	0.4	(3)	22	13	24	(6)	0.7	1.8	0.2	(6)	(2)	(2)	19	13	24	(9)	(4)	(4)
Nebraska.....	2.9	8.7	3.7	1.9	9	3	8	12	2.2	7.4	3.8	2.1	0.1	(1)	11	5	9	9	32	36
Kansas.....	0.8	3.9	9.2	1.9	19	8	4	11	0.5	3.2	10.3	2.1	0.5	(1)	20	10	4	10	19	34
<b>SOUTH ATLANTIC:</b>																				
Delaware.....	(1)	0.1	(1)	(1)	37	38	40	37	(1)	(1)	(1)	(1)	0.1	0.1	36	38	40	37	38	31
Maryland.....	1.3	1.1	1.6	1.8	15	17	10	14	1.2	1.1	1.2	1.5	1.8	2.5	14	15	15	16	13	10
District of Columbia.....	(1)	(1)	(1)	(1)	40	48	43	41	(1)	(1)	(1)	(1)	(1)	(1)	49	48	43	40	37	33
Virginia.....	2.2	1.5	2.4	2.7	13	14	14	9	1.5	1.0	1.4	1.6	3.4	4.5	13	17	14	13	7	6
West Virginia.....	6.7	0.7	0.7	0.9	21	22	22	22	0.5	0.4	0.4	0.6	1.6	(5)	21	22	21	22	15	(4)
North Carolina.....	2.2	1.4	2.6	3.4	11	15	13	8	0.9	0.5	1.0	1.4	2.1	2.1	15	21	17	17	12	13
South Carolina.....	0.1	0.2	0.2	0.4	33	27	28	24	0.1	0.1	0.1	0.1	0.2	0.4	33	34	31	27	24	24
Georgia.....	0.6	0.6	1.0	1.4	24	23	20	17	0.2	0.2	0.3	0.5	0.5	0.6	28	26	23	23	20	22
Florida.....	(1)	(1)	(1)	(1)	38	40	37	38	(1)	(1)	(1)	(1)	(1)	0.1	39	43	34	41	42	32
<b>EAST SOUTH CENTRAL:</b>																				
Kentucky.....	1.2	0.9	2.1	4.9	16	19	15	7	0.9	0.6	1.5	3.4	0.6	5.0	16	20	13	7	5	4
Tennessee.....	1.9	0.8	1.2	1.8	17	21	18	13	0.5	0.4	0.6	0.8	1.3	1.2	23	24	20	21	17	16
Alabama.....	(1)	0.1	0.1	0.3	41	36	32	26	(1)	(1)	0.1	0.1	0.1	0.3	43	39	33	26	30	26
Mississippi.....	(1)	(1)	(1)	(1)	45	45	41	36	(1)	(1)	(1)	(1)	0.1	0.2	46	46	41	38	31	28
<b>WEST SOUTH CENTRAL:</b>																				
Arkansas.....	(1)	0.1	0.1	0.2	36	31	31	28	(1)	0.1	0.1	0.1	0.2	0.4	38	35	32	31	27	25
Louisiana.....	(1)	(1)	(1)	(1)	48	46	45	42	(1)	(1)	(1)	(1)	(1)	0.2	48	47	47	42	41	29
Oklahoma.....	0.2	0.2	(1)	.....	30	29	44	.....	0.1	0.2	(1)	.....	.....	32	29	44	.....	.....	.....	
Texas.....	(1)	0.2	0.2	0.2	30	28	26	27	(1)	0.2	0.2	0.1	0.2	0.5	42	28	26	29	26	25
<b>MOUNTAIN:</b>																				
Montana.....	0.3	0.1	(1)	(1)	27	35	40	44	0.4	0.1	(1)	(1)	(1)	.....	25	30	49	43	40	.....
Idaho.....	0.2	0.1	0.1	(1)	32	37	35	40	0.1	0.1	(1)	(1)	(1)	.....	31	36	37	39	38	.....
Wyoming.....	0.1	(1)	(1)	(1)	34	39	42	45	0.1	0.1	(1)	(1)	(1)	.....	34	37	42	45	.....	.....
Colorado.....	0.7	0.1	0.2	0.1	20	34	27	32	0.7	0.1	0.2	0.1	(1)	.....	18	33	27	32	34	.....
New Mexico.....	(1)	(1)	(1)	(1)	44	47	46	43	(1)	(1)	(1)	(1)	(1)	(1)	44	45	45	44	44	57
Arizona.....	(1)	(1)	(1)	.....	47	49	48	.....	(1)	(1)	(1)	.....	.....	.....	47	49	48	.....	.....	.....
Utah.....	0.2	0.1	0.2	0.1	29	32	29	34	0.2	0.1	0.1	0.1	(1)	(1)	27	32	29	35	39	38
Nevada.....	(1)	(1)	(1)	.....	46	44	47	.....	(1)	(1)	(1)	.....	(1)	(1)	45	44	46	.....	43	41
<b>PACIFIC:</b>																				
Washington.....	0.2	0.1	0.1	(1)	28	30	33	39	0.2	0.2	0.1	(1)	(1)	(1)	30	27	30	36	35	40
Oregon.....	0.6	0.5	0.3	(1)	23	25	25	35	0.5	0.4	0.2	0.1	(1)	(1)	22	23	25	33	36	35
California.....	0.3	3.1	1.3	1.1	26	11	17	21	0.2	2.1	0.9	0.9	0.2	0.3	26	12	18	20	28	27

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RYE—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BUSHEL AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

Table 38 DIVISION OR STATE.	FARMS REPORTING RYE.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHEL).				AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms		Average acres per farm.		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899
	1909	1899	1909	1899												
United States.....	4.3	5.1	8.0	7.0	0.5	0.5	0.6	0.6	13.4	12.4	13.1	10.8	\$0.69	\$0.48	\$9.30	\$5.98
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	3.0	4.0	2.3	2.4	0.2	0.2	0.3	0.5	17.4	17.0	12.3	11.3	0.90	0.56	15.65	9.59
Middle Atlantic.....	17.0	20.9	5.9	5.5	1.6	1.8	2.1	2.3	13.7	13.0	11.8	9.7	0.77	0.54	10.50	7.02
East North Central.....	10.1	8.4	8.5	7.1	1.1	0.8	0.9	0.6	13.9	13.6	15.4	14.6	0.67	0.48	9.30	6.48
West North Central.....	3.0	4.8	14.3	11.0	0.3	0.4	0.4	0.4	14.7	12.2	15.0	13.4	0.61	0.40	8.96	4.85
South Atlantic.....	3.0	2.9	4.8	4.1	0.3	0.2	0.4	0.5	8.4	7.5	6.9	5.9	0.84	0.57	7.02	4.32
East South Central.....	0.7	0.8	7.2	5.0	0.1	0.1	0.2	0.4	8.0	7.7	8.1	6.7	0.84	0.60	6.73	4.63
West South Central.....	0.1	0.3	7.0	4.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.3	9.9	10.0	7.2	0.84	0.54	6.95	5.32
Mountain.....	1.2	1.0	14.6	9.7	0.2	0.1	0.2	0.1	13.7	13.0	10.9	12.0	0.68	0.52	9.25	6.79
Pacific.....	0.6	1.0	22.4	52.4	0.1	0.4	0.2	0.2	10.6	8.9	9.1	9.3	0.90	0.50	9.55	4.50
<b>NEW ENGLAND:</b>																
Maine.....	0.2	0.6	2.7	1.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	16.5	15.2	8.4	12.2	0.91	0.66	15.03	10.03
New Hampshire.....	0.7	0.7	1.5	1.6	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1	17.4	15.2	11.3	10.8	1.03	0.66	18.00	10.08
Vermont.....	0.9	1.9	4.0	3.5	0.1	0.1	0.1	0.2	15.0	14.1	12.8	11.4	0.87	0.56	13.03	7.96
Massachusetts.....	3.5	4.4	2.7	2.7	0.3	0.4	0.6	1.0	17.0	13.2	11.0	9.9	0.89	0.57	15.07	7.52
Rhode Island.....	3.3	3.5	2.7	3.1	0.3	0.3	0.3	( <sup>1</sup> )	15.8	13.0	12.3	10.2	0.93	0.62	14.69	8.04
Connecticut.....	13.5	17.0	2.1	2.2	0.8	1.0	1.2	1.8	18.1	19.8	13.4	12.4	0.90	0.55	16.29	10.92
<b>MIDDLE ATLANTIC:</b>																
New York.....	9.1	12.4	6.7	6.3	0.9	1.1	1.4	1.4	15.4	13.7	12.9	10.8	0.79	0.57	12.09	7.85
New Jersey.....	22.3	26.8	9.3	7.4	3.8	3.5	3.9	5.1	13.8	12.1	11.3	9.0	0.74	0.53	10.25	6.42
Pennsylvania.....	24.0	28.6	5.2	4.8	2.2	2.3	2.5	3.0	12.8	12.7	11.1	9.2	0.76	0.52	9.81	6.68
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	3.8	1.5	6.6	4.3	0.4	0.1	0.3	0.2	13.6	14.6	16.9	13.2	0.69	0.50	9.37	7.98
Indiana.....	4.4	2.7	8.8	7.2	0.5	0.3	0.4	0.2	13.4	13.0	14.0	11.9	0.66	0.47	8.91	6.12
Illinois.....	1.8	2.7	12.7	10.9	0.2	0.3	0.6	0.7	13.4	14.0	15.9	16.2	0.66	0.46	8.87	6.46
Michigan.....	23.6	13.1	8.6	6.5	3.3	1.5	1.4	0.3	13.9	12.2	14.9	12.9	0.68	0.48	9.41	5.94
Wisconsin.....	22.7	30.4	8.4	7.0	2.8	3.2	2.8	1.9	14.1	14.2	15.5	13.5	0.66	0.48	9.33	6.75
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	12.0	7.5	14.2	10.2	1.4	0.6	0.6	0.2	16.6	15.7	19.9	15.8	0.61	0.42	10.05	6.59
Iowa.....	2.0	4.7	9.8	8.2	0.1	0.3	0.4	0.5	13.6	13.2	15.4	14.8	0.63	0.41	8.50	5.39
Missouri.....	0.9	1.2	7.7	6.2	0.1	0.1	0.1	0.3	10.3	10.4	12.7	11.5	0.76	0.47	7.84	4.66
North Dakota.....	2.0	4.5	32.9	13.6	0.2	0.3	( <sup>1</sup> )	0.2	14.3	13.2	7.8	10.2	0.60	0.38	8.54	4.96
South Dakota.....	0.9	5.4	20.3	13.9	0.1	0.3	0.1	( <sup>2</sup> )	14.1	11.6	7.1	( <sup>2</sup> )	0.59	0.36	8.36	4.20
Nebraska.....	3.0	11.1	16.2	13.2	0.3	1.0	0.5	0.6	10.5	10.6	13.3	12.4	0.58	0.37	6.11	3.98
Kansas.....	0.7	3.5	13.9	13.2	0.1	0.3	0.9	0.3	9.3	10.0	14.6	11.9	0.70	0.39	6.52	3.90
<b>SOUTH ATLANTIC:</b>																
Delaware.....	1.9	2.5	4.8	4.6	0.1	0.1	0.1	0.1	11.2	11.2	8.5	7.7	0.72	0.47	8.03	5.29
Maryland.....	10.6	9.8	5.4	4.8	0.8	0.6	1.0	1.0	12.7	12.9	10.3	8.9	0.71	0.51	8.90	6.54
District of Columbia.....	0.9	2.6	6.5	3.1	0.3	0.4	1.1	2.4	14.6	13.2	9.9	12.3	0.71	0.56	10.33	7.36
Virginia.....	4.6	4.2	5.6	4.5	0.5	0.3	0.6	0.6	9.2	7.8	7.6	6.7	0.79	0.50	7.19	3.94
West Virginia.....	2.9	3.2	5.7	4.7	0.3	0.3	0.3	0.5	9.5	8.1	7.8	6.6	0.82	0.53	7.80	4.27
North Carolina.....	5.1	3.6	3.8	3.4	0.6	0.3	0.7	1.0	5.8	4.8	4.9	4.6	0.96	0.64	5.54	3.07
South Carolina.....	0.6	0.9	2.8	3.0	( <sup>1</sup> )	0.1	0.1	0.2	7.0	4.6	4.2	3.8	1.56	0.95	10.83	4.32
Georgia.....	0.8	15.4	5.3	3.8	0.1	0.1	0.2	0.3	4.9	4.1	4.2	3.9	1.16	0.97	5.62	4.01
Florida.....	0.2	0.3	9.2	5.8	( <sup>1</sup> )	0.1	0.1	0.1	6.1	6.4	15.7	4.9	1.51	1.14	9.31	7.24
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	1.3	1.3	7.7	5.9	0.2	0.1	0.4	0.8	9.5	8.8	9.3	7.5	0.79	0.57	7.55	5.01
Tennessee.....	1.3	1.4	7.2	5.2	0.2	0.2	0.3	0.4	6.2	6.5	6.3	4.8	0.92	0.63	5.70	4.13
Alabama.....	0.1	0.4	1.6	1.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.5	6.5	6.7	4.9	1.15	0.82	9.87	5.31
Mississippi.....	( <sup>1</sup> )	( <sup>1</sup> )	2.3	1.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.0	9.3	8.7	6.4	0.89	0.78	10.67	7.33
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	0.1	0.5	3.6	3.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	6.8	6.6	6.1	6.8	0.93	0.60	6.33	3.96
Louisiana.....	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.2	6.8	5.1	5.0	1.22	0.87	12.42	5.87
Oklahoma.....	0.2	0.3	10.8	9.9	( <sup>1</sup> )	( <sup>1,2</sup> )	( <sup>1</sup> )	-----	8.7	11.6	9.6	-----	0.82	0.41	7.08	4.69
Texas.....	( <sup>1</sup> )	0.3	3.9	4.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.1	10.7	11.9	7.6	0.86	0.64	6.96	6.87
<b>MOUNTAIN:</b>																
Montana.....	1.5	1.1	15.3	14.0	0.2	0.1	( <sup>1</sup> )	( <sup>1</sup> )	18.4	16.5	13.4	28.7	0.74	0.50	13.70	8.26
Idaho.....	0.7	0.7	15.1	11.3	0.1	0.1	0.2	0.2	12.2	12.7	9.9	12.3	0.72	0.50	8.79	6.39
Wyoming.....	1.4	1.6	9.6	10.3	0.1	0.1	( <sup>1</sup> )	( <sup>1</sup> )	13.5	15.5	14.6	13.0	0.72	0.61	9.76	9.52
Colorado.....	2.1	1.0	15.8	9.0	0.4	0.1	0.3	0.2	12.6	12.2	11.7	15.0	0.62	0.53	7.86	6.46
New Mexico.....	0.1	0.1	9.2	4.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.3	22.2	11.7	14.1	0.91	0.66	10.31	14.60
Arizona.....	0.1	0.1	3.5	3.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	12.4	12.7	7.1	-----	0.92	0.83	11.38	10.47
Utah.....	1.8	1.8	13.2	8.1	0.4	0.3	0.6	0.3	12.6	10.0	10.0	8.3	0.70	0.48	8.85	4.80
Nevada.....	0.4	0.7	3.9	8.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	-----	20.5	16.4	9.3	-----	1.07	0.81	21.88	13.30
<b>PACIFIC:</b>																
Washington.....	0.4	0.8	25.3	11.9	0.1	0.1	0.1	0.1	9.3	14.6	10.9	13.8	0.87	0.52	8.07	7.66
Oregon.....	1.6	2.2	17.7	13.0	0.3	0.2	0.3	( <sup>1</sup> )	11.4	10.8	9.2	15.8	0.90	0.61	10.28	6.65
California.....	0.2	0.6	36.4	152.0	0.1	0.5	0.2	0.2	10.1	8.3	8.9	9.0	0.93	0.48	9.37	4.00

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes South Dakota.

<sup>3</sup> See North Dakota.

<sup>4</sup> Includes Indian Territory.

## BUCKWHEAT.

The United States as a whole.—Statistics for buckwheat for the United States as a whole are given in Table 39.

Table 39	BUCKWHEAT.			
	1909	1899	1889	1879
Number of farms reporting.....	197,789	209,450		
Per cent of all farms.....	3.1	3.7		
Acreage.....	878,048	807,080	837,164	848,389
Increase over preceding census <sup>1</sup> .....	70,988	-30,194	-11,225	
Per cent of increase <sup>1</sup> .....	8.8	-3.6	-1.3	
Acres per farm reporting.....	4.4	3.9		
Per cent that acreage in buckwheat formed of—				
Total improved acreage.....	0.2	0.2	0.2	0.3
Total reported crop acreage.....	0.3	0.3		
Production (bushels).....	14,849,332	11,233,515	12,110,349	11,817,327
Increase over preceding census <sup>1</sup> .....	3,615,817	-876,834	203,022	1,905,606
Per cent of increase <sup>1</sup> .....	32.2	-7.2	2.5	20.3
Average yield per acre.....	16.9	13.9	14.5	13.9
Value.....	\$9,330,592	\$5,747,863		
Increase over preceding census.....	\$3,582,739			
Per cent of increase.....	62.3			
Average per bushel.....	\$0.63	\$0.51		
Average per acre.....	\$10.63	\$7.12		
Per cent that value of buckwheat formed of total value of all crops.....	0.2	0.2		

<sup>1</sup> A minus sign (-) denotes decrease.

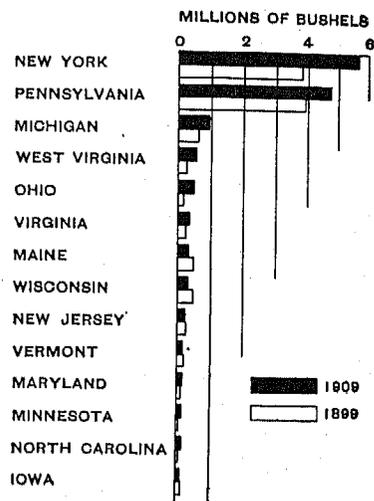
NOTE.—The production of buckwheat was 9,821,721 bushels in 1869 and 17,571,818 bushels in 1889.

The acreage of buckwheat, which in 1909 constituted only 0.3 per cent of the total for crops with known acreage, amounted to 878,048 and showed an increase of 70,988, or 8.8 per cent, since 1899. The production of buckwheat in 1909 was 14,849,000 bushels, as compared with 11,234,000 bushels in 1899, showing an increase of 3,615,000 bushels, or 32.2 per cent. The average yield per acre was thus greater in 1909 than 10 years earlier, 16.9 bushels as compared with 13.9. The value of buckwheat in 1909, \$9,331,000, was 62.3 per cent greater than that in 1899, \$5,748,000. The average value per bushel rose from 51 to 63 cents, and the value per acre from \$7.12 to \$10.63 during the decade.

Divisions and states.—Tables 40 to 43, inclusive, give, by divisions and states, information similar to that

which is given for the United States as a whole in Table 39. Practically all (96.9 per cent) of the acreage devoted to buckwheat in 1909 was in the territory east of the Mississippi, more than two-thirds of it was in the Middle Atlantic division, and nearly two-thirds was in two states—Pennsylvania, which reported 292,728 acres of buckwheat, and New York, which reported 286,276 acres. The following diagram shows the production, in millions of bushels, of buckwheat in the several producing states for both 1909 and 1899. Pennsylvania reported a substantial increase between 1899 and 1909, and so did Michigan, the third state in acreage, while New York reported a slight decrease.

PRODUCTION OF BUCKWHEAT:  
1909 AND 1899.



The production of buckwheat increased between 1899 and 1909 in every division, except New England, and in most of the important buckwheat producing states; New York was the leading state in amount of buckwheat raised in 1909, reporting 5,692,000 bushels, and showed the greatest increase between 1899 and 1909, 1,876,000 bushels.

# INDIVIDUAL CROPS.

## BUCKWHEAT—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 40 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States</b> .....	878,048	807,060	70,988	8.8	14,849,332	11,233,515	3,615,817	32.2	\$9,330,592	\$5,747,853	\$3,582,739	62.3
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	28,725	42,767	-14,042	-32.8	602,715	807,336	-204,621	-25.3	400,081	350,148	49,933	14.3
Middle Atlantic.....	592,159	555,464	36,695	6.6	10,701,643	7,972,605	2,729,038	34.2	6,625,513	4,112,076	2,513,437	61.1
East North Central.....	139,971	123,357	16,614	13.5	1,897,474	1,427,420	470,054	32.9	1,222,109	762,559	459,550	60.3
West North Central.....	25,955	27,505	-1,550	-5.6	349,316	292,669	56,647	19.4	230,356	164,305	66,051	40.2
South Atlantic.....	84,864	55,542	29,322	52.8	1,216,605	704,147	512,461	72.8	791,546	341,567	449,979	131.7
East South Central.....	4,772	1,267	3,505	276.6	51,525	9,552	41,973	439.4	37,268	5,355	31,913	595.9
West South Central.....	121	107	14	13.1	987	924	63	6.8	854	744	110	14.8
Mountain.....	316	158	158	100.0	7,931	2,152	5,779	268.5	6,920	1,397	5,523	395.3
Pacific.....	1,165	893	272	30.5	21,133	16,710	4,423	26.5	15,945	9,702	6,243	64.3
<b>NEW ENGLAND:</b>												
Maine.....	15,552	25,292	-9,740	-38.5	316,782	468,320	-151,538	-32.4	189,516	185,836	3,680	2.0
New Hampshire.....	1,052	1,835	-783	-42.7	20,312	43,360	-17,048	-39.3	17,842	19,334	-1,492	-7.7
Vermont.....	7,659	9,910	-2,251	-22.7	174,394	196,010	-21,616	-11.0	122,050	90,275	31,775	35.2
Massachusetts.....	1,630	2,262	-632	-27.9	32,926	36,034	-3,108	-8.6	24,678	20,930	3,748	17.9
Rhode Island.....	35	45	-10	( <sup>1</sup> )	550	650	-100	-15.4	463	427	36	8.4
Connecticut.....	2,797	3,423	-626	-18.3	51,751	62,962	-11,211	-17.8	45,532	33,346	12,186	36.5
<b>MIDDLE ATLANTIC:</b>												
New York.....	286,276	289,862	-3,586	-1.2	5,691,745	3,815,350	1,876,395	49.2	3,557,558	2,045,737	1,511,821	78.4
New Jersey.....	13,155	15,762	-2,607	-16.5	212,548	234,275	-21,727	-9.3	141,997	120,479	21,518	17.9
Pennsylvania.....	292,728	249,840	42,888	17.2	4,797,350	3,922,980	874,370	22.3	2,895,958	1,945,860	950,098	48.8
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	26,073	13,071	13,002	99.5	483,410	164,305	319,105	194.2	303,220	87,242	215,978	247.5
Indiana.....	6,995	8,684	-1,689	-19.4	84,991	102,340	-17,349	-17.0	56,617	51,300	5,317	10.4
Illinois.....	4,696	6,220	-1,524	-24.5	68,125	65,050	3,075	4.7	48,040	36,225	11,815	32.6
Michigan.....	75,909	55,669	20,240	36.4	958,119	605,830	352,289	58.1	594,748	306,311	288,437	94.2
Wisconsin.....	26,298	39,713	-13,415	-33.8	302,829	489,895	-187,066	-38.2	219,484	281,481	-61,997	-22.0
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	10,309	6,700	3,609	53.9	144,861	82,687	62,174	75.2	89,058	43,741	45,317	103.6
Iowa.....	9,066	13,834	-4,768	-34.5	120,559	151,120	-30,561	-20.2	86,941	84,842	2,099	2.5
Missouri.....	1,676	2,715	-1,039	-38.3	20,289	21,480	-1,191	-5.5	16,286	12,079	4,217	34.9
North Dakota.....	1,039	1,121	-82	-7.3	17,066	10,760	6,306	58.6	9,135	7,439	1,696	22.8
South Dakota.....	1,904	232	1,672	720.7	28,551	2,790	25,761	923.3	16,816	2,073	14,743	711.2
Nebraska.....	1,205	960	225	23.0	9,876	8,629	1,247	14.5	7,221	5,109	2,112	41.3
Kansas.....	756	1,923	-1,167	-60.7	8,114	15,203	-7,089	-46.6	4,889	9,022	-4,133	-45.8
<b>SOUTH ATLANTIC:</b>												
Delaware.....	4,002	1,652	2,350	142.3	53,903	23,980	29,923	124.8	30,839	10,773	20,066	186.3
Maryland.....	10,388	8,047	2,341	29.1	152,216	115,950	36,266	31.3	99,216	58,623	40,593	69.2
District of Columbia.....												
Virginia.....	25,481	19,251	6,230	32.4	332,222	244,321	87,901	36.0	196,196	111,731	84,465	75.6
West Virginia.....	33,823	21,410	11,913	55.6	533,670	267,257	266,413	99.7	351,171	134,893	216,278	160.3
North Carolina.....	11,606	5,168	6,438	124.6	144,186	52,572	91,614	174.3	113,577	25,482	88,095	345.7
South Carolina.....	9	10	-1	( <sup>1</sup> )	84	41	43	( <sup>1</sup> )	101	42	59	( <sup>1</sup> )
Georgia.....	55	4	51	( <sup>1</sup> )	327	26	301	( <sup>1</sup> )	446	23	423	( <sup>1</sup> )
Florida.....												
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	1,887	84	1,803	( <sup>1</sup> )	18,074	879	17,195	1,956.2	12,028	615	11,413	1,855.8
Tennessee.....	2,867	1,173	1,694	144.4	33,249	8,597	24,652	286.8	25,078	4,690	20,388	434.7
Alabama.....	18	10	8	( <sup>1</sup> )	202	76	126	( <sup>1</sup> )	162	50	112	( <sup>1</sup> )
Mississippi.....												
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	20	53	-33	( <sup>1</sup> )	123	421	-298	-70.8	133	334	-201	-60.2
Louisiana.....	1		1		16		16		16		16	
Oklahoma.....	43	213	30	( <sup>1</sup> )	375	2170	205	120.6	370	2100	270	270.0
Texas.....	57	41	16	( <sup>1</sup> )	473	333	140	42.0	335	310	25	8.1
<b>MOUNTAIN:</b>												
Montana.....	84	9	75	( <sup>1</sup> )	1,809	168	1,641	976.8	1,528	98	1,430	( <sup>1</sup> )
Idaho.....	2	60	-58	( <sup>1</sup> )	30	800	-770	-96.3	30	541	-511	-94.5
Wyoming.....	61	13	48	( <sup>1</sup> )	1,210	245	965	393.9	1,802	138	1,464	1,060.9
Colorado.....	49	27	22	( <sup>1</sup> )	798	226	572	253.1	905	151	754	499.3
New Mexico.....	7	6	1	( <sup>1</sup> )	102	73	29	( <sup>1</sup> )	69	50	19	( <sup>1</sup> )
Arizona.....	40		40		600		600		900		900	
Utah.....	73	43	30	( <sup>1</sup> )	3,382	640	2,742	428.4	1,886	419	1,467	350.1
Nevada.....												
<b>PACIFIC:</b>												
Washington.....	148	96	52	( <sup>1</sup> )	3,138	1,865	1,273	68.3	2,220	1,332	888	66.7
Oregon.....	168	402	-234	-58.2	3,314	7,010	-3,696	-52.7	2,156	4,425	-2,269	-51.3
California.....	849	395	454	114.9	14,681	7,835	6,846	87.4	11,569	3,945	7,624	193.3

<sup>1</sup> Per cent not shown where base is less than 100.

\* Includes Indian Territory.

## BUCKWHEAT—FARMS REPORTING, ACREAGE, AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1900.

Table 41 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).			
	1900	1899	1900	1899	1889	1879	1900	1899	1889	1879
<b>United States</b> .....	197,789	209,450	878,048	807,060	837,164	848,389	14,849,332	11,233,515	12,110,349	11,817,327
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	12,838	16,538	28,725	42,767	45,461	59,272	602,715	807,336	890,428	1,039,343
Middle Atlantic.....	126,102	127,637	592,159	555,464	504,037	572,800	10,701,643	7,972,605	7,860,078	8,520,940
East North Central.....	32,005	30,763	139,971	123,357	180,867	115,498	1,897,474	1,427,420	2,246,027	1,260,964
West North Central.....	3,906	6,961	25,955	27,505	74,108	29,903	349,316	292,669	796,368	310,795
South Atlantic.....	21,466	17,603	84,804	55,542	28,978	63,271	1,216,608	704,147	277,807	636,896
East South Central.....	1,296	632	4,772	1,207	2,023	5,973	51,525	9,552	15,914	43,739
West South Central.....	31	59	121	107	487	140	987	924	6,337	1,063
Mountain.....	60	35	310	158	262	42	7,931	2,152	3,804	547
Pacific.....	85	222	1,105	893	941	1,400	21,133	16,710	13,496	31,020
<b>NEW ENGLAND:</b>										
Maine.....	5,981	7,686	15,552	25,202	22,395	20,135	316,782	468,320	466,411	382,701
New Hampshire.....	740	1,119	1,052	1,835	3,117	4,535	26,812	43,360	75,048	94,090
Vermont.....	3,573	4,784	7,659	9,910	13,420	17,040	174,394	106,010	271,216	356,618
Massachusetts.....	867	1,038	1,630	2,202	2,473	5,617	32,926	36,034	31,300	67,117
Rhode Island.....	28	27	36	45	41	105	550	650	349	1,264
Connecticut.....	1,049	1,884	2,797	3,428	4,000	11,281	51,751	62,962	46,104	137,563
<b>MIDDLE ATLANTIC:</b>										
New York.....	62,601	64,745	286,276	289,862	280,020	261,228	5,091,745	3,815,350	4,675,785	4,461,200
New Jersey.....	2,850	3,561	13,155	15,762	13,520	35,373	212,548	234,275	114,626	406,414
Pennsylvania.....	60,651	59,331	292,728	249,840	210,488	246,190	4,797,350	3,922,980	3,089,717	3,593,236
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	6,430	4,070	20,073	13,071	14,052	22,130	483,410	164,305	162,833	280,229
Indiana.....	1,289	2,892	6,995	8,684	9,548	8,846	84,901	102,340	99,969	89,707
Illinois.....	506	1,310	4,696	6,220	9,703	16,457	68,125	65,050	107,080	178,659
Michigan.....	17,933	20,642	75,909	55,069	70,046	33,948	958,119	605,830	811,977	413,062
Wisconsin.....	5,787	10,249	26,298	30,713	77,458	34,117	302,829	489,895	1,064,178	299,107
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	1,516	1,486	10,809	6,700	22,000	3,677	144,861	82,687	281,705	41,756
Iowa.....	1,731	4,038	9,006	13,834	25,243	10,318	120,559	151,120	286,746	166,595
Missouri.....	105	908	1,076	2,715	2,802	5,463	20,289	21,480	28,440	57,640
North Dakota.....	74	33	1,039	1,121	147	1,321	17,066	10,760	939	2,521
South Dakota.....	157	28	1,004	232	1,561	( <sup>2</sup> )	28,551	2,790	11,423	( <sup>2</sup> )
Nebraska.....	104	207	1,205	980	15,358	1,666	9,870	8,629	120,000	17,562
Kansas.....	69	261	756	1,928	6,907	2,458	8,114	15,203	67,115	24,421
<b>SOUTH ATLANTIC:</b>										
Delaware.....	743	454	4,002	1,652	325	397	53,903	23,980	3,081	5,857
Maryland.....	2,411	2,177	10,388	8,047	7,669	10,204	152,216	115,950	96,747	136,667
District of Columbia.....					2				20	
Virginia.....	5,954	5,742	25,481	19,251	5,170	16,463	332,222	244,321	41,199	136,004
West Virginia.....	9,028	6,997	33,328	21,410	13,696	30,334	533,670	267,257	120,469	285,298
North Carolina.....	3,304	2,221	11,606	5,168	1,800	5,725	144,186	52,672	12,621	44,666
South Carolina.....	6	7	9	10	65		84	41	472	
Georgia.....	20	5	55	4	332	58	327	26	3,162	402
Florida.....					19				126	
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	452	36	1,887	84	384	1,024	18,074	879	3,304	9,942
Tennessee.....	831	580	2,867	1,178	1,231	4,907	33,249	8,597	7,143	33,434
Alabama.....	13	10	18	10	352	42	202	76	4,622	363
Mississippi.....					56				345	
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	13	30	20	53	388	92	123	421	5,074	548
Louisiana.....	1		1				16			
Oklahoma.....	12	13	43	18			375	170		
Texas.....	5	12	57	41	99	48	473	333	1,263	535
<b>MOUNTAIN:</b>										
Montana.....	15	6	84	9	13	34	1,800	168	128	437
Idaho.....	2	8	2	60	16		30	800	395	
Wyoming.....	10	5	61	18	20		1,210	245	140	
Colorado.....	17	9	49	27	117	8	798	226	2,081	110
New Mexico.....	3	3	7	6	81		102	73	744	
Arizona.....	1		40				600			
Utah.....	12	4	73	43	15		3,382	640	316	
Nevada.....										
<b>PACIFIC:</b>										
Washington.....	29	43	148	96	27	106	3,133	1,865	430	2,488
Oregon.....	30	160	168	402	250	372	3,314	7,010	2,678	6,215
California.....	26	14	849	395	664	1,012	14,681	7,835	10,388	22,367

<sup>1</sup> Includes South Dakota.<sup>2</sup> See North Dakota.<sup>3</sup> Includes Indian Territory.

# INDIVIDUAL CROPS.

**BUCKWHEAT—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.**

Table 42 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
	100.0	100.0	100.0	100.0	.....	.....	.....	.....	100.0	100.0	100.0	100.0	100.0	100.0	.....	.....	.....	.....	.....	.....
<b>United States:</b> .....	100.0	100.0	100.0	100.0	.....	.....	.....	.....	100.0	100.0	100.0	100.0	100.0	100.0	.....	.....	.....	.....	.....	.....
<b>GEOGRAPHIC DIVISIONS:</b>																				
New England.....	3.3	5.3	5.4	7.0	4	4	4	4	4.1	7.2	7.4	8.8	12.1	5.7	4	3	3	3	3	3
Middle Atlantic.....	67.4	68.8	60.2	67.5	1	1	1	1	72.1	71.0	64.9	72.1	69.2	65.9	1	1	1	1	1	1
East North Central.....	15.9	15.3	21.6	13.6	2	2	2	2	12.8	12.7	18.5	10.7	13.0	20.9	2	2	2	2	2	2
West North Central.....	3.0	3.4	8.9	3.5	5	5	3	5	2.4	2.6	6.6	2.6	2.3	2.7	5	5	4	5	5	5
South Atlantic.....	9.7	6.9	3.5	7.5	3	3	5	3	8.2	6.8	2.3	5.2	2.4	4.2	3	4	5	4	4	4
East South Central.....	0.5	0.2	0.2	0.7	6	6	6	6	0.3	0.1	0.1	0.4	0.8	0.2	6	7	6	6	6	7
West South Central.....	(1)	(1)	0.1	(1)	9	9	8	8	(1)	(1)	0.1	(1)	(1)	(1)	9	9	8	8	9	8
Mountain.....	(1)	(1)	(1)	(1)	8	8	9	9	0.1	(1)	(1)	(1)	(1)	(1)	8	8	9	9	8	9
Pacific.....	0.1	0.1	0.1	0.2	7	7	7	7	0.1	0.1	0.1	0.3	0.2	0.4	7	6	7	7	7	6
<b>NEW ENGLAND:</b>																				
Maine.....	1.8	3.1	2.7	2.4	8	5	6	8	2.1	4.2	3.8	3.2	4.8	1.4	7	5	5	5	3	10
New Hampshire.....	0.1	0.2	0.4	0.5	25	21	19	20	0.2	0.4	0.6	0.8	1.0	0.5	22	18	16	15	12	16
Vermont.....	0.9	1.2	1.6	2.1	14	11	12	9	1.2	1.7	2.2	3.0	4.2	1.3	10	9	8	6	5	11
Massachusetts.....	0.2	0.3	0.3	0.7	23	19	21	17	0.2	0.3	0.3	0.6	0.6	0.7	20	19	20	17	17	15
Rhode Island.....	(1)	(1)	(1)	(1)	39	33	38	30	(1)	(1)	(1)	(1)	(1)	(1)	36	32	39	30	28	26
Connecticut.....	0.3	0.4	0.5	1.3	19	17	18	13	0.3	0.5	0.4	1.2	1.5	1.6	18	16	18	12	10	9
<b>MIDDLE ATLANTIC:</b>																				
New York.....	32.6	35.9	33.4	34.3	2	1	1	1	38.3	34.0	38.6	37.7	39.8	29.2	1	2	1	1	1	2
New Jersey.....	1.5	2.0	1.6	4.2	9	8	11	3	1.4	2.1	1.0	3.9	3.6	5.0	9	8	12	3	7	4
Pennsylvania.....	33.3	31.0	25.1	29.0	1	2	2	2	32.3	34.9	25.4	30.4	25.8	31.7	2	1	2	2	2	1
<b>EAST NORTH CENTRAL:</b>																				
Ohio.....	3.0	1.6	1.7	2.6	6	10	9	7	3.3	1.5	1.4	2.4	1.8	13.5	5	10	9	9	8	3
Indiana.....	0.8	1.1	1.2	1.1	15	12	14	15	0.6	0.9	0.8	0.8	0.8	2.3	15	13	14	15	14	7
Illinois.....	0.5	0.8	1.2	1.9	16	15	13	11	0.5	0.6	0.9	1.5	1.7	1.9	16	15	13	10	9	8
Michigan.....	8.6	6.9	8.4	4.0	3	3	4	5	6.5	5.4	6.7	3.5	4.5	3.0	3	3	4	4	4	5
Wisconsin.....	3.0	4.9	9.3	4.0	5	4	3	4	2.0	4.3	8.8	2.5	4.2	0.2	8	4	3	7	6	19
<b>WEST NORTH CENTRAL:</b>																				
Minnesota.....	1.2	0.8	2.6	0.4	12	14	7	21	1.0	0.7	2.3	0.4	0.5	0.2	12	14	7	20	18	21
Iowa.....	1.0	1.7	3.0	1.9	13	9	5	12	0.8	1.3	2.4	1.4	1.1	1.2	14	11	6	11	11	12
Missouri.....	0.2	0.3	0.3	0.7	22	18	20	18	0.1	0.2	0.2	0.5	0.4	1.0	23	21	21	15	20	14
North Dakota.....	0.1	0.2	(1)	(1, <sup>2</sup> )	26	24	32	*28	0.1	0.1	(1)	(1, <sup>2</sup> )	(1, <sup>2</sup> )	(1, <sup>2</sup> )	25	23	34	*28	*37	*37
South Dakota.....	0.2	(1)	0.2	( <sup>2</sup> )	20	28	23	( <sup>2</sup> )	0.2	(1)	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	21	28	23	( <sup>2</sup> )	( <sup>2</sup> )	24
Nebraska.....	0.1	0.1	1.8	0.2	24	25	8	23	0.1	0.1	1.0	0.1	(1)	0.1	27	24	11	24	24	25
Kansas.....	0.1	0.2	0.8	0.3	28	20	16	23	0.1	0.1	0.6	0.2	0.3	0.2	28	22	17	22	21	18
<b>SOUTH ATLANTIC:</b>																				
Delaware.....	0.5	0.2	(1)	(1)	17	22	30	26	0.4	0.2	(1)	(1)	(1)	0.1	17	20	30	27	29	23
Maryland.....	1.2	1.0	0.9	1.2	11	13	15	14	1.0	1.0	0.8	1.2	0.8	1.2	11	12	15	13	15	13
District of Columbia.....			(1)				45				(1)		(1)	(1)			45		43	35
Virginia.....	2.9	2.4	0.6	1.9	7	7	17	10	2.2	2.2	0.3	1.2	0.5	*2.7	6	7	19	14	19	*6
West Virginia.....	3.8	2.7	1.7	3.6	4	6	10	6	3.6	2.4	1.0	2.4	0.9	( <sup>2</sup> )	4	6	10	8	13	( <sup>2</sup> )
North Carolina.....	1.3	0.6	0.2	0.7	10	16	22	16	1.0	0.5	0.1	0.4	0.2	0.2	13	17	22	19	23	20
South Carolina.....	(1)	(1)	(1)	(1)	42	40	36		(1)	(1)	(1)		(1)	(1)	43	42	36		34	33
Georgia.....	(1)	(1)	(1)	(1)	35	43	29	32	(1)	(1)	(1)	(1)	(1)	(1)	39	43	29	34	32	28
Florida.....			(1)				41				(1)						44			
<b>EAST SOUTH CENTRAL:</b>																				
Kentucky.....	0.2	(1)	(1)	0.1	21	30	27	24	0.1	(1)	(1)	0.1	(1)	0.1	24	30	28	25	25	22
Tennessee.....	0.3	0.2	0.2	0.6	18	23	24	19	0.2	0.1	0.1	0.3	0.8	0.1	19	25	25	21	16	24
Alabama.....	(1)	(1)	(1)	(1)	41	39	28	34	(1)	(1)	(1)	(1)	(1)	(1)	40	40	27	35	40	31
Mississippi.....			(1)				37				(1)		(1)	(1)			40		27	29
<b>WEST SOUTH CENTRAL:</b>																				
Arkansas.....	(1)	(1)	(1)	(1)	40	32	26	31	(1)	(1)	0.1	(1)	(1)	(1)	41	34	26	31	36	34
Louisiana.....	(1)				45				(1)				(1)	(1)	45				35	36
Oklahoma.....	(1)	(1, <sup>5</sup> )			37	*37			(1)	(1, <sup>5</sup> )					38	*38				
Texas.....	(1)	(1)	(1)	(1)	34	35	34	33	(1)	(1)	(1)	(1)	(1)	(1)	37	35	33	32	41	30
<b>MOUNTAIN:</b>																				
Montana.....	(1)	(1)	(1)	(1)	31	41	44	35	(1)	(1)	(1)	(1)	(1)		32	39	43	33	30	
Idaho.....	(1)	(1)	(1)		44	31	42		(1)	(1)	(1)				44	31	33			
Wyoming.....	(1)	(1)	(1)		33	38	40		(1)	(1)	(1)				33	36	42			
Colorado.....	(1)	(1)	(1)	(1)	36	36	33	36	(1)	(1)	(1)	(1)	(1)		34	37	32	36	38	
New Mexico.....	(1)	(1)	(1)		43	42	35		(1)	(1)	(1)		(1)	(1)	42	41	35		42	39
Arizona.....	(1)				38				(1)						35					
Utah.....	(1)	(1)	(1)		32	34	43		(1)	(1)	(1)		(1)	(1)	29	33	41		39	38
Nevada.....													(1)						31	
<b>PACIFIC:</b>																				
Washington.....	(1)	(1)	(1)	(1)	30	29	39	29	(1)	(1)	(1)	(1)	(1)	(1)	31	29	37	29	33	32
Oregon.....	(1)	(1)	(1)	0.1	29	26	31	27	(1)	0.1	(1)	0.1	(1)	(1)	30	27	31	28	26	27
California.....	0.1	(1)	0.1	0.1	27	27	25	25	0.1	0.1	0.1	0.2	0.2	0.4	26	26	24	23	22	17

<sup>1</sup> Less than one-tenth of 1 per cent.    <sup>2</sup> Includes South Dakota.    <sup>3</sup> See North Dakota.    <sup>4</sup> Includes West Virginia.    <sup>5</sup> See Virginia.    <sup>6</sup> Includes Indian Territory.

AGRICULTURE.

BUCKWHEAT—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BUSHEL, AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

Table 43 DIVISION OR STATE.	FARMS REPORTING BUCKWHEAT.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHEL). <sup>1</sup>				AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms.		Average acres per farm.		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899
	1909	1899	1909	1899									\$0.63	\$0.51	\$10.63	\$7.12
United States.....	3.1	3.7	4.4	3.9	0.2	0.2	0.2	0.3	16.9	13.9	14.5	13.9				
GEOGRAPHIC DIVISIONS:																
New England.....	6.8	8.6	2.2	2.6	0.4	0.5	0.4	0.5	21.0	18.9	19.6	17.5	0.66	0.43	13.93	8.19
Middle Atlantic.....	26.9	26.3	4.7	4.4	2.0	1.8	1.6	1.7	18.1	14.4	15.6	14.9	0.62	0.52	11.19	7.40
East North Central.....	2.8	3.5	4.4	3.1	0.2	0.1	0.2	0.2	13.6	11.6	12.4	10.9	0.64	0.53	8.73	6.18
West North Central.....	0.4	0.7	6.6	4.0	( <sup>1</sup> )	( <sup>1</sup> )	0.1	( <sup>1</sup> )	13.5	10.6	10.7	10.4	0.66	0.56	8.88	5.97
South Atlantic.....	1.0	1.8	4.0	3.2	0.2	0.1	0.1	0.2	14.3	12.7	9.6	9.6	0.65	0.49	9.33	6.15
East South Central.....	0.1	0.1	3.7	2.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.8	7.5	7.9	7.3	0.72	0.56	7.81	4.23
West South Central.....	( <sup>1</sup> )	( <sup>1</sup> )	3.9	1.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.2	8.6	13.0	7.7	0.87	0.81	7.06	6.95
Mountain.....	( <sup>1</sup> )	( <sup>1</sup> )	5.3	4.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.1	13.6	14.5	13.0	0.87	0.65	21.90	8.84
Pacific.....	( <sup>1</sup> )	0.2	13.7	4.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.1	18.7	14.3	20.8	0.75	0.58	13.69	10.86
NEW ENGLAND:																
Maine.....	10.0	13.0	2.6	3.3	0.7	1.1	0.7	0.6	20.4	18.5	20.8	19.0	0.60	0.40	12.19	7.35
New Hampshire.....	2.7	3.8	1.4	1.6	0.1	0.2	0.2	0.2	25.0	23.6	24.1	20.7	0.68	0.45	16.96	10.54
Vermont.....	10.0	14.5	2.1	2.1	0.5	0.5	0.5	0.5	22.8	19.8	20.2	20.2	0.70	0.46	15.04	9.11
Massachusetts.....	2.3	2.8	1.9	2.2	0.1	0.2	0.1	0.3	20.2	15.9	12.7	11.9	0.75	0.58	16.14	9.25
Rhode Island.....	0.5	0.5	1.2	1.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.7	14.4	8.5	11.9	0.84	0.66	13.23	9.49
Connecticut.....	6.1	7.0	1.7	1.8	0.3	0.3	0.3	0.7	18.5	18.4	11.5	12.2	0.88	0.53	16.28	9.74
MIDDLE ATLANTIC:																
New York.....	26.0	28.6	4.6	4.5	1.9	1.9	1.7	1.6	10.9	13.2	16.7	15.3	0.63	0.54	12.53	7.06
New Jersey.....	8.5	10.3	4.6	4.4	0.7	0.8	0.7	1.7	16.2	14.9	8.5	13.2	0.67	0.51	10.79	7.64
Pennsylvania.....	27.7	26.5	4.3	4.2	2.3	1.9	1.6	1.8	16.4	15.7	14.6	14.6	0.60	0.50	9.89	7.79
EAST NORTH CENTRAL:																
Ohio.....	2.4	1.7	4.1	2.8	0.1	0.1	0.1	0.1	18.5	12.6	11.6	12.7	0.68	0.53	11.63	6.67
Indiana.....	0.6	1.3	5.4	3.0	( <sup>1</sup> )	0.1	0.1	0.1	12.2	11.8	10.5	10.1	0.67	0.50	8.09	5.91
Illinois.....	0.2	0.5	8.3	4.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	14.5	10.5	11.0	10.9	0.71	0.56	10.23	5.82
Michigan.....	8.7	10.2	4.2	2.7	0.6	0.5	0.7	0.4	12.6	10.9	11.6	12.2	0.62	0.51	7.84	5.50
Wisconsin.....	3.3	6.0	4.5	3.9	0.2	0.4	0.8	0.4	11.5	12.3	13.7	8.8	0.72	0.57	8.35	7.09
WEST NORTH CENTRAL:																
Minnesota.....	1.0	1.0	6.8	4.5	0.1	( <sup>1</sup> )	0.2	0.1	14.1	12.3	12.8	11.4	0.61	0.53	8.64	6.53
Iowa.....	0.8	1.8	5.2	3.4	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1	13.3	10.9	11.4	10.2	0.72	0.56	9.59	6.13
Missouri.....	0.1	0.3	8.6	3.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.1	7.9	10.1	10.6	0.80	0.56	9.72	4.45
North Dakota.....	0.1	0.1	14.0	34.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1,2</sup> )	16.4	9.6	6.4	7.9	0.54	0.69	8.79	6.64
South Dakota.....	0.2	0.1	12.1	8.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	15.0	12.0	7.3	( <sup>2</sup> )	0.59	0.74	8.83	8.94
Nebraska.....	0.1	0.2	7.3	4.7	( <sup>1</sup> )	( <sup>1</sup> )	0.1	( <sup>1</sup> )	8.2	8.8	7.8	10.5	0.73	0.59	5.99	5.21
Kansas.....	( <sup>1</sup> )	0.2	11.0	7.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.7	7.9	9.7	9.0	0.60	0.59	6.47	4.69
SOUTH ATLANTIC:																
Delaware.....	6.0	4.7	5.4	3.6	0.6	0.2	( <sup>1</sup> )	0.1	13.5	14.5	9.5	14.8	0.57	0.45	7.71	6.52
Maryland.....	4.0	4.7	4.3	3.7	0.3	0.2	0.2	0.3	14.7	14.4	12.8	13.3	0.65	0.51	9.55	7.29
District of Columbia.....							( <sup>1</sup> )				10.0					
Virginia.....	3.2	3.4	4.3	3.4	0.3	0.2	0.1	0.2	13.0	12.7	8.0	8.3	0.59	0.46	7.70	5.89
West Virginia.....	9.3	7.5	3.7	3.1	0.6	0.4	0.3	0.8	16.0	12.5	8.8	9.4	0.66	0.50	10.54	6.30
North Carolina.....	1.3	1.0	3.5	2.3	0.1	0.1	( <sup>1</sup> )	0.1	12.4	10.2	7.0	7.8	0.79	0.48	9.79	4.93
South Carolina.....	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		9.3	4.1	7.3		1.20	1.02	11.22	4.20
Georgia.....	( <sup>1</sup> )	( <sup>1</sup> )	2.8	0.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.9	6.5	9.5	6.9	1.36	0.88	8.11	5.75
Florida.....							( <sup>1</sup> )									
EAST SOUTH CENTRAL:																
Kentucky.....	0.2	( <sup>1</sup> )	4.2	2.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.6	10.5	9.9	9.7	0.67	0.70	6.37	7.32
Tennessee.....	0.3	0.3	3.4	2.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	11.6	7.3	5.8	6.8	0.75	0.55	8.75	4.00
Alabama.....	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.2	7.6	18.1	8.6	0.80	0.66	9.00	5.00
Mississippi.....							( <sup>1</sup> )									
WEST SOUTH CENTRAL:																
Arkansas.....	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	7.9	13.1	6.0	1.08	0.79	6.65	6.30
Louisiana.....	( <sup>1</sup> )		1.0		( <sup>1</sup> )				16.0				1.00		16.00	
Oklahoma.....	( <sup>1</sup> )	( <sup>1,2</sup> )	3.6	1.6	( <sup>1</sup> )	( <sup>1,2</sup> )			8.7	13.1			0.99	0.69	8.60	7.69
Texas.....	( <sup>1</sup> )	( <sup>1</sup> )	11.4	3.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.3	8.1	12.8	11.1	0.71	0.93	5.88	7.66
MOUNTAIN:																
Montana.....	0.1	( <sup>1</sup> )	5.6	1.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.5	18.7	9.8	12.8	0.84	0.58	13.19	10.89
Idaho.....	( <sup>1</sup> )	( <sup>1</sup> )	1.0	7.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		15.0	13.3	24.7		1.00	0.68	15.00	9.02
Wyoming.....	0.1	0.1	6.1	2.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		19.8	18.8	7.0		1.32	0.56	26.28	10.62
Colorado.....	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.3	8.4	17.8	13.8	1.13	0.67	15.47	5.59
New Mexico.....	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		14.6	12.2	9.2		0.68	0.68	9.88	8.33
Arizona.....	( <sup>1</sup> )		40.0		( <sup>1</sup> )				15.0				1.50		22.50	
Utah.....	0.1	( <sup>1</sup> )	6.1	10.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )		46.3	14.9	21.1		0.56	0.65	25.84	9.74
Novada.....																
PACIFIC:																
Washington.....	0.1	0.1	5.1	2.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21.2	19.4	15.9	23.0	0.71	0.71	15.00	3.88
Oregon.....	0.1	0.4	5.6	2.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	19.7	17.4	10.7	16.7	0.65	0.63	12.53	11.01
California.....	( <sup>1</sup> )	( <sup>1</sup> )	32.7	28.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.3	19.8	15.6	22.0	0.79	0.50	13.63	9.99

<sup>1</sup> Less than one-tenth of 1 per cent.    <sup>2</sup> Includes South Dakota.    <sup>3</sup> See North Dakota.    <sup>4</sup> Includes Indian Territory.    <sup>5</sup> One farm reporting.

EMMER AND SPELT.

Emmer and spelt are old grains known to the ancient world and still in use as food crops in parts of Europe and Asia. Nearly all the "emmer and spelt" reported is emmer, spelt being cultivated in only a few scattered localities. These grains are, botanically, species of wheat, but commercially they are more closely related to the other cereals, since they are used as food for stock. Moreover, the price per bushel of emmer and spelt corresponds much more nearly to that of corn or oats than to that of wheat. No statistics for these crops were published prior to the census of 1910.

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.

Statistics for emmer and spelt, by divisions and states, are shown in Table 44. The area of emmer and spelt harvested in 1909 was 573,622 acres, the production being 12,703,000 bushels, and the value \$5,584,000. The average production per acre was 22.1 bushels; the average value per bushel, 44 cents; and the average value per acre, \$9.73.

Of the total acreage, the West North Central division reported 522,487 acres, or 91.1 per cent; the Mountain, 18,644; the East North Central, 14,941; and the West South Central, 13,295. Of the total production in 1909, 11,673,000 bushels, or 91.9 per cent, were reported from the West North Central division; 407,000 bushels from the Mountain division; and 372,000 bushels from the East North Central division.

The state having the largest acreage in 1909 was South Dakota, with 259,611 acres, or 45.3 per cent of the total area harvested, while North Dakota came next with 101,144 acres, or 17.6 per cent of the total, the combined acreage for the two Dakotas representing over three-fifths of the total area in this crop.

Table 44

DIVISION OR STATE.	EMMER AND SPELT: 1909		
	Acreage.	Production (bushels).	Value.
United States.....	573,622	12,702,710	\$5,584,050
<b>GEOGRAPHIC DIVISIONS:</b>			
New England.....	202	5,418	4,229
Middle Atlantic.....	1,795	42,993	28,429
East North Central.....	14,941	371,864	212,595
West North Central.....	522,487	11,672,769	5,009,772
South Atlantic.....	298	6,031	4,631
East South Central.....	99	2,076	1,851
West South Central.....	13,295	139,028	81,942
Mountain.....	18,644	407,187	205,483
Pacific.....	1,861	55,344	35,118
<b>NEW ENGLAND:</b>			
Maine.....	25	587	433
New Hampshire.....	1	12	12
Vermont.....	176	4,799	3,767
Massachusetts.....	( <sup>1</sup> )	6	5
Connecticut.....	( <sup>1</sup> )	14	12
<b>MIDDLE ATLANTIC:</b>			
New York.....	1,382	33,890	22,110
New Jersey.....	28	463	253
Pennsylvania.....	385	8,635	6,066
<b>EAST NORTH CENTRAL:</b>			
Ohio.....	253	5,185	3,053
Indiana.....	223	4,276	2,256
Illinois.....	1,633	41,999	20,754
Michigan.....	6,742	154,103	97,414
Wisconsin.....	6,090	166,301	89,118
<b>WEST NORTH CENTRAL:</b>			
Minnesota.....	30,891	757,339	338,841
Iowa.....	7,256	139,839	65,436
Missouri.....	7,935	104,540	47,543
North Dakota.....	101,144	2,564,732	1,102,782
South Dakota.....	259,611	6,098,982	2,627,533
Nebraska.....	65,681	1,221,975	484,791
Kansas.....	49,969	785,362	342,846
<b>SOUTH ATLANTIC:</b>			
Delaware.....	41	1,412	1,005
Maryland.....	92	2,171	1,246
Virginia.....	52	795	770
West Virginia.....	111	1,558	1,515
Georgia.....	2	95	95
<b>EAST SOUTH CENTRAL:</b>			
Kentucky.....	96	2,021	1,804
Tennessee.....	1	15	7
Mississippi.....	2	40	40
<b>WEST SOUTH CENTRAL:</b>			
Arkansas.....	12	132	134
Oklahoma.....	8,659	94,580	54,690
Texas.....	4,624	44,316	27,118
<b>MOUNTAIN:</b>			
Montana.....	1,308	39,830	24,643
Idaho.....	209	5,575	3,827
Wyoming.....	1,521	35,677	22,918
Colorado.....	15,523	324,713	153,068
New Mexico.....	23	154	144
Arizona.....	10	67	80
Utah.....	48	1,131	763
Nevada.....	2	40	40
<b>PACIFIC:</b>			
Washington.....	302	10,843	6,388
Oregon.....	719	24,746	14,972
California.....	840	19,755	13,738

<sup>1</sup> Less than 1 acre.

KAFIR CORN AND MILO MAIZE.

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 millet family and are noted for their resistance to drought. They are grown extensively in Africa and somewhat in Asia, the grain being used for food. 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 in Table 45 refer only to the kafir corn and milo maize planted for use as grain, the acreage planted for use as fodder being reported as coarse forage.

The acreage of kafir corn and milo maize was more than six times as great in 1909 as in 1899 (1,635,153 as compared with 266,513). Three states—Texas, with an acreage of 573,384; Oklahoma, with 532,515; and Kansas, with 388,495—contained more than nine-tenths of the total acreage.

The production increased from 5,169,000 bushels in 1899 to 17,597,000 bushels in 1909. The rate of increase was only half as rapid as that in acreage, the yield per acre having declined from 19.4 bushels in 1899 to 10.8 bushels in 1909. The decrease in yield per acre was due largely to the fact that the crops are being introduced more and more into regions of comparatively light rainfall where the yield is normally small. The weather conditions in 1909 were also unfavorable in some of the important states.

The total value of kafir corn and milo maize in 1909 was \$10,817,000, or about eight times as much as 10 years earlier, when it was \$1,367,000. In 1909 the average value per bushel was 61 cents and the average value per acre \$6.62.

KAFIR CORN AND MILO MAIZE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.  
[A minus sign (-) denotes decrease.]

Table 45 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	1,635,153	266,513	1,368,640	513.5	17,597,305	5,169,113	12,428,192	240.4	\$10,816,940	\$1,367,040	\$9,449,900	691.3
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	48		48		1,772		1,772		1,084		1,084	
Middle Atlantic.....	586	1	585	(1)	11,647	14	11,633	(1)	8,203	7	8,196	(1)
East North Central.....	1,185	137	1,048	705.0	22,770	2,812	10,967	710.1	14,242	888	13,354	1,508.8
West North Central.....	404,433	157,593	240,840	159.6	5,372,284	3,119,044	2,253,240	72.2	3,219,619	804,410	2,415,209	300.2
South Atlantic.....	230	40	190	(1)	3,561	618	2,943	476.2	2,018	307	2,311	850.5
East South Central.....	493	23	470	(1)	6,453	624	5,829	934.1	4,098	284	4,714	1,659.9
West South Central.....	1,107,406	88,340	1,019,066	1,153.5	10,536,612	1,620,590	8,916,022	550.2	6,330,665	365,802	5,964,863	1,690.6
Mountain.....	70,436	157	76,270	48,585.4	703,484	4,825	698,659	14,479.8	509,103	2,059	507,104	24,028.5
Pacific.....	44,336	20,222	24,114	110.2	938,713	420,586	518,127	123.2	726,048	193,283	532,765	276.6
<b>NEW ENGLAND:</b>												
Maine.....												
New Hampshire.....	23		23		350		350		155		155	
Vermont.....												
Massachusetts.....	21		21		1,317		1,317		835		835	
Rhode Island.....												
Connecticut.....	4		4		105		105		94		94	
<b>MIDDLE ATLANTIC:</b>												
New York.....	227		227		5,082		5,082		3,948		3,948	
New Jersey.....	76		76		1,436		1,436		819		819	
Pennsylvania.....	283	1	282	(1)	5,120	14	5,115	(1)	3,436	7	3,429	(1)
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	82	12	70	(1)	1,920	90	1,830	(1)	1,048	49	999	(1)
Indiana.....	179	3	176	(1)	3,228	37	3,191	(1)	2,065	14	2,051	(1)
Illinois.....	415	34	381	(1)	7,739	808	6,931	857.8	5,197	312	4,885	1,565.7
Michigan.....	84		84		1,786		1,786		1,196		1,136	
Wisconsin.....	425	88	337	(1)	8,106	1,877	6,229	331.9	4,796	513	4,283	834.9
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	75	43	32	(1)	3,335	1,066	2,269	204.3	1,466	366	1,100	300.5
Iowa.....	142	66	76	(1)	3,081	1,408	1,673	118.8	2,083	552	1,531	277.4
Missouri.....	13,543	1,990	11,553	580.6	228,388	38,407	189,889	493.2	152,246	12,830	139,416	1,086.1
North Dakota.....	28	25	-2	(1)	444	375	69	18.4	253	103	150	145.6
South Dakota.....	189	21	118	(1)	1,411	280	1,131	403.0	1,060	88	972	(1)
Nebraska.....	2,010	742	1,274	171.7	20,212	13,607	6,605	48.5	15,712	5,189	10,523	202.8
Kansas.....	388,405	154,706	233,789	151.1	5,115,415	3,063,781	2,051,634	67.0	3,046,799	785,276	2,261,523	288.0
<b>SOUTH ATLANTIC:</b>												
Delaware.....	1	2	-1	(1)	25	65	-40	(1)	25	35	-10	(1)
Maryland.....	19	1	18	(1)	238	6	232	(1)	173	3	170	(1)
District of Columbia.....												
Virginia.....	80	9	71	(1)	1,438	170	1,268	745.9	1,032	80	952	(1)
West Virginia.....	26		26		467		467		326		326	
North Carolina.....	65	2	63	(1)	599	8	591	(1)	537	6	531	(1)
South Carolina.....	8		8		135		135		132		132	
Georgia.....	15	26	-11	(1)	237	369	-132	-35.8	258	183	75	41.0
Florida.....	16		16		422		422		435		435	
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	190		190		2,404		2,404		1,588		1,588	
Tennessee.....	119	10	109	(1)	1,539	257	1,282	498.8	1,098	103	990	961.2
Alabama.....	140	4	136	(1)	1,710	90	1,626	(1)	1,611	45	1,566	(1)
Mississippi.....	44	9	35	(1)	794	277	517	186.6	706	136	570	419.1
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	1,204	109	1,185	1,087.2	15,284	1,722	13,562	787.6	12,074	808	11,266	1,394.3
Louisiana.....	213		213		2,132		2,132		2,092		2,092	
Oklahoma.....	532,515	265,418	467,097	714.0	4,658,752	1,136,772	3,521,980	309.8	2,531,036	234,980	2,296,056	977.1
Texas.....	573,384	22,813	550,571	2,413.4	5,860,444	482,006	5,378,438	1,115.6	3,785,493	130,014	3,655,449	2,811.6
<b>MOUNTAIN:</b>												
Montana.....	53		53		1,253		1,253		917		917	
Idaho.....	9		9		140		140		105		105	
Wyoming.....	17		17		410		410		372		372	
Colorado.....	11,971	18	11,953	(1)	139,284	302	138,982	46,003.3	94,480	131	94,355	72,026.7
New Mexico.....	63,570	138	63,432	45,965.2	543,350	4,473	538,877	12,047.2	392,393	1,778	390,615	21,969.1
Arizona.....	801	1	800	(1)	18,730	50	18,689	(1)	20,355	160	20,205	13,470.0
Utah.....												
Nevada.....	15		15		358		358		535		535	
<b>PACIFIC:</b>												
Washington.....	4		4		47		47		32		32	
Oregon.....	24	4	20	(1)	617	134	483	300.4	312	39	273	(1)
California.....	44,308	20,218	24,090	119.2	938,040	420,452	517,597	123.1	725,704	193,244	532,460	275.5

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

2 Includes Indian Territory.

RICE.

The United States as a whole.—The statistics for rice for the United States as a whole are given in Table 46.

While the number of farms reporting rice declined from 47,651 in 1899 to 13,708 in 1909, the acreage of rice in 1909 was 610,175, as compared with 342,214 in 1899, showing an increase of 78.3 per cent, and the production of rice increased at an even more rapid rate and amounted in 1909 to 21,839,580 bushels, as compared with 9,002,886 bushels 10 years earlier. The rice acreage per farm reporting rose from 7.2 in 1899 to 44.5 in 1909, this large increase being mainly due to the removal of the rice growing industry from the South Atlantic states to Louisiana and Texas. The yield of rice per acre was 35.8 bushels in 1909, as against 26.3 in 1899. The total value of the rice crop in 1909 was \$16,020,000, showing an increase of 153.1 per cent over 1899. The average value of rice per bushel rose from 70 to 73 cents during the decade, and the average value per acre from \$18.50 to \$26.25.

Table 46

	RICE.			
	1909	1899	1899	1879
Number of farms reporting..	13,708	47,651		
Per cent of all farms.....	0.2	0.8		
Acreage.....	610,175	342,214	161,312	174,173
Increase over preceding census <sup>1</sup> .....	267,961	180,902	-12,861	
Per cent of increase <sup>1</sup> ....	78.3	112.1	-7.4	
Acres per farm reporting..	44.5	7.2		
Per cent that acreage in rice formed of—				
Total improved acreage.	0.1	0.1	( <sup>2</sup> )	0.1
Total reported crop acreage.....	0.2	0.1		
Production (bushels).....	21,839,580	9,002,886	4,626,578	3,961,500
Increase over preceding census.....	12,835,694	4,377,312	664,013	1,312,818
Per cent of increase.....	142.6	94.6	16.8	49.6
Average yield per acre...	35.8	26.3	28.7	22.7
Value.....	\$16,019,607	\$6,329,562		
Increase over preceding census.....	\$9,690,045			
Per cent of increase.....	153.1			
Average per bushel.....	\$0.73	\$0.70		
Average per acre.....	\$26.25	\$18.50		
Per cent that value of rice formed of total value of all crops.....	0.3	0.2		

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> Less than one-tenth of 1 per cent.

NOTE.—The production of rice was 2,648,742 bushels in 1899 and 6,732,627 bushels in 1899.

RICE (ROUGH)—ACREAGE, PRODUCTION, AND VALUE, WITH INCREASE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHEL).S.				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States <sup>1</sup> .....	610,175	342,214	267,961	78.3	21,839,580	9,002,886	12,835,694	142.6	\$16,019,607	\$6,329,562	\$9,690,045	153.1
<b>GEOGRAPHIC DIVISIONS:</b>												
South Atlantic.....	27,080	127,369	-100,289	-78.7	713,966	2,470,725	-1,756,759	-71.1	691,372	2,000,996	-1,309,624	-65.5
East South Central.....	560	4,424	-3,864	-87.3	10,006	59,934	-49,928	-83.3	10,547	59,455	-48,908	-82.8
West South Central.....	582,523	210,421	372,102	176.8	21,114,548	6,472,227	14,642,321	226.2	15,317,648	4,269,111	11,048,537	258.8
<b>SOUTH ATLANTIC:</b>												
Virginia.....		25	-25			157	-157			94	-94	
North Carolina.....	521	22,279	-21,758	-97.7	11,357	283,906	-272,549	-96.0	10,269	208,475	-198,206	-95.1
South Carolina.....	19,491	77,657	-58,166	-74.9	541,570	1,703,602	-1,162,032	-68.2	520,000	1,366,528	-846,528	-61.9
Georgia.....	6,445	21,998	-15,553	-70.7	148,698	401,963	-253,265	-63.0	145,813	338,567	-192,754	-56.9
Florida.....	623	5,410	-4,787	-88.5	12,341	81,097	-68,756	-84.8	15,290	87,332	-72,042	-82.5
<b>EAST SOUTH CENTRAL:</b>												
Alabama.....	279	2,329	-2,050	-88.0	5,170	33,343	-28,173	-84.5	5,179	30,891	-25,712	-83.2
Mississippi.....	281	2,095	-1,814	-86.6	4,836	26,591	-21,755	-81.8	5,368	28,564	-23,196	-81.2
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	27,419	25	27,394	( <sup>2</sup> )	1,282,830	310	1,282,520	413,709.7	1,158,103	235	1,157,868	492,680.9
Louisiana.....	817,518	201,685	115,833	57.4	10,839,973	6,213,397	4,626,576	74.5	8,038,222	4,044,489	4,003,733	99.1
Texas.....	237,586	8,711	228,875	2,627.4	8,991,745	258,520	8,733,225	3,378.2	6,106,323	224,387	5,881,936	2,621.4

<sup>1</sup> Includes for Minnesota, 10 acres, 15 bushels, value \$10, and for New Mexico 2 acres, 45 bushels, value \$30 for 1909.

<sup>2</sup> Per cent not shown where base is less than 100.

Divisions and states.—Tables 47 to 49, inclusive, give, by divisions and states, information similar to that which Table 46 gives for the United States as a whole.

Nearly all of the rice acreage in 1909, 582,523 acres, or 95.5 per cent of the total, was in the West South Central division, the only other division that had any considerable area planted to rice being the South Atlantic, with 27,080 acres. Two states, Louisiana, with 317,518 acres of rice, and Texas, with 237,586 acres, contained over nine-tenths (91 per cent) of the acreage for the entire country. The production of rice was even more concentrated than the acreage, because the yield per acre was considerably greater in

the West South Central division than in the others. The acreage and the production of rice, furthermore, were concentrated to a much greater extent in the West South Central division in 1909 than in 1899, this division having gained 372,102 acres during the decade, while the rest of the country lost 104,153 acres. The greatest gain was in Texas, where the rice acreage rose from 8,711 in 1899 to 237,586 in 1909, while South Carolina reported the most considerable loss, 58,166 acres, or 74.9 per cent. The acreage of rice in Louisiana increased from 201,685 in 1899 to 317,518 in 1909, and that in Arkansas from 25 to 27,419. The decade 1899-1909 thus nearly completed the process, which has been going on since 1859, of transplanting the

rice raising industry from the South Atlantic to the West South Central division. In 1859 the South Atlantic division produced 95.9 per cent of all the rice, and South Carolina and Georgia together produced 91.7 per cent, while in 1909 the entire division produced only 3.3 per cent of all the rice raised in the country. The West South Central division, which had produced only 3.4 per cent in 1859, produced 96.7 per cent in 1909. The change during the last decade was very decided; between 1899 and 1909 South Carolina's share in the production of rice dropped from 18.9 to 2.5 per cent, while that of Texas rose from 2.9 to 41.2 per cent.

The change in the location of the rice growing industry has been accompanied, as mentioned above, by a decided increase in the average acreage of rice per

farm reporting. In the South Atlantic division the average acreage in 1909 was only 4.9, while in the West South Central it was 76.8, and the number of farms reporting rice declined in the South Atlantic division from 39,455 in 1899 to 5,527 in 1909, while the number in the West South Central rose only from 4,635 to 7,583 during the decade. The large increase in the production of rice which occurred between 1899 and 1909 was thus accompanied by a concentration of the industry to a great extent in the hands of comparatively few large planters in Louisiana and Texas, who supplanted the much more numerous small rice producers in South Carolina and adjoining states. Table 48 shows statistics for production 1859 to 1909 and for acreage 1879 to 1909. (See also section relating to irrigation for rice growing, Chapter XI.)

RICE (ROUGH)—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 48 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
United States.....	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.00	100.0						
<b>GEOGRAPHIC DIVISIONS:</b>																				
East North Central.....	(1)				4				(1)					(1)						6
West North Central.....	(1)								(1)					(1)	5					4
South Atlantic.....	4.4	37.2	46.1	72.8	2	2	2	1	3.3	27.4	40.2	76.6	77.5	95.9	2	2	2	1	1	1
East South Central.....	0.1	1.3	1.5	2.9	3	3	3	3	(1)	0.7	0.8	2.3	0.8	0.7	3	3	3	3	3	3
West South Central.....	95.5	61.5	52.4	24.3	1	1	1	2	96.7	71.9	58.9	21.1	21.7	3.4	1	1	1	2	2	2
Mountain.....	(1)				5				(1)						4					
Pacific.....														(1)						5
<b>EAST NORTH CENTRAL:</b>																				
Michigan.....														(1)						15
<b>WEST NORTH CENTRAL:</b>																				
Minnesota.....	(1)				10				(1)					(1)	11					13
Missouri.....														(1)						11
<b>SOUTH ATLANTIC:</b>																				
Virginia.....		(1)	(1)			10	10			(1)	(1)			(1, 2)		10	10			12
North Carolina.....	0.1	6.5	7.6	6.2	7	3	4	4	0.1	3.2	4.6	5.1	2.8	4.1	7	4	4	4	4	3
South Carolina.....	3.2	22.7	26.2	45.0	4	2	2	1	2.5	18.9	23.6	47.3	43.0	63.6	4	2	2	1	1	1
Georgia.....	1.1	6.4	11.2	20.1	5	4	3	3	0.7	4.5	11.3	23.0	30.3	28.1	5	3	3	2	2	2
Florida.....	0.1	1.6	1.1	1.5	6	6	5	6	0.1	0.9	0.8	1.2	0.5	0.1	6	6	5	6	5	7
<b>EAST SOUTH CENTRAL:</b>																				
Tennessee.....													(1)	(1)						10
Alabama.....	(1)	0.7	0.5	0.9	9	7	7	7	(1)	0.4	0.3	0.7	0.3	0.3	9	7	7	7	7	6
Mississippi.....	(1)	0.6	1.0	2.0	8	8	6	5	(1)	0.3	0.5	1.6	0.5	0.4	8	8	6	5	6	5
<b>WEST SOUTH CENTRAL:</b>																				
Arkansas.....	4.5	(1)	(1)		3	9	9		5.9	(1)	(1)		0.1	(1)	3	9	9			10
Louisiana.....	52.0	58.9	52.3	24.1	1	1	1	2	40.6	60.0	58.8	21.0	21.5	3.4	1	1	1	3	3	4
Texas.....	38.9	2.5	0.1	0.2	2	5	8	8	41.2	2.9	0.1	0.1	0.1	(1)	2	5	8	8	9	9
<b>MOUNTAIN:</b>																				
New Mexico.....	(1)				11				(1)						10					
<b>PACIFIC:</b>																				
California.....														(1)						14

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes West Virginia.

RICE (ROUGH)—PERCENTAGE OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BUSHEL, AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

DIVISION OR STATE.	FARMS REPORTING RICE.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHEL). <sup>1</sup>				AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms.		Average acres per farm.		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899
	1909	1899	1909	1899												
United States.....	0.2	0.8	44.5	7.2	0.1	0.1	( <sup>1</sup> )	0.1	35.8	26.3	23.7	22.7	\$0.73	\$0.70	\$26.25	\$18.50
<b>GEOGRAPHIC DIVISIONS:</b>																
West North Central.....	( <sup>1</sup> )		10.0		( <sup>1</sup> )				1.5				0.67		1.00	
South Atlantic.....	0.5	4.1	4.9	3.2	0.1	0.3	0.2	0.4	26.4	19.4	25.0	23.9	0.97	0.81	25.53	15.71
East South Central.....	0.1	0.4	0.9	1.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.9	13.5	16.4	17.9	1.05	0.99	18.83	13.44
West South Central.....	0.8	0.6	76.8	45.4	1.0	0.5	0.3	0.2	36.2	30.8	32.2	19.8	0.73	0.66	26.30	20.29
Mountain.....	( <sup>1</sup> )		2.0		( <sup>1</sup> )				22.5				0.67		15.00	
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	( <sup>1</sup> )		10.0		( <sup>1</sup> )				1.5				0.67		1.00	
<b>SOUTH ATLANTIC:</b>																
Virginia.....		( <sup>1</sup> )		2.1		( <sup>1</sup> )	( <sup>1</sup> )			6.3	4.3			0.60		3.76
North Carolina.....	0.1	2.3	3.2	4.2	( <sup>1</sup> )	0.3	0.2	0.2	21.8	12.7	17.2	18.6	0.90	0.73	19.71	9.36
South Carolina.....	1.7	15.3	6.5	3.3	0.3	1.3	0.8	1.9	27.8	21.9	25.8	23.9	0.96	0.80	26.68	17.60
Georgia.....	0.6	3.0	3.7	3.2	0.1	0.2	0.2	0.4	23.1	18.3	28.9	26.1	0.98	0.84	22.62	15.39
Florida.....	1.2	9.0	1.0	1.5	( <sup>1</sup> )	0.4	0.2	0.3	19.8	15.0	20.4	18.3	1.24	1.08	24.54	16.14
<b>EAST SOUTH CENTRAL:</b>																
Alabama.....	0.1	0.8	1.2	1.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.5	14.3	17.7	18.5	1.00	0.93	18.56	13.26
Mississippi.....	0.1	0.8	0.8	1.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	17.2	12.7	15.8	17.7	1.11	1.07	19.10	13.63
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	0.1	( <sup>1</sup> )	94.5	1.2	0.3	( <sup>1</sup> )	( <sup>1</sup> )		46.8	12.4	28.4		0.90	0.76	42.24	9.49
Louisiana.....	5.1	3.9	51.7	44.5	6.0	4.3	2.2	1.5	34.1	30.8	32.2	19.9	0.74	0.65	25.36	20.05
Texas.....	0.3	( <sup>1</sup> )	205.7	103.7	0.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	37.8	29.7	21.9	6.7	0.68	0.87	25.70	25.76
<b>MOUNTAIN:</b>																
New Mexico.....	( <sup>1</sup> )		2.0		( <sup>1</sup> )				22.5				0.67		15.00	

<sup>1</sup> Less than one-tenth of 1 per cent.

OTHER GRAINS AND SEEDS.

According to ordinary usage, the term "grain" refers to the several cereals only, but it is sometimes applied to other seeds also, such as beans and peas and peanuts. The more comprehensive definition conforms to the usage of the Department of Agriculture, which has been adopted by the Census Bureau. Among the seed crops not classed as grains are included flaxseed, grass seed, flower and vegetable seeds, etc. The combined value of the production of the minor grains and seeds amounted in 1909 to \$97,536,000, representing 1.8 per cent of the total value of all crops, including forest products of farms and nursery products. The statistics of acreage were not tabulated for grass seed, or flower and vegetable seeds, chiefly for the reason that in many cases the raising of these seeds was incidental to the production of hay and forage crops and of flowers and vegetables, so that a presentation of the acreage would involve duplication. The total acreage of the minor grains and seeds for which acreage reports were secured amounted in 1909 to 5,157,000, or 1.1 per cent of the improved farm land of the country.

DRY EDIBLE BEANS.

The United States as a whole.—Table 50 shows the statistics for dry edible beans for the United States as a whole. It does not cover beans used green from vegetable gardens, which are included with vegetables, castor beans, nor varieties of beans which are used mainly for feeding animals.

	DRY EDIBLE BEANS.			
	1909	1899	Increase. <sup>1</sup>	
			Amount.	Per cent.
Number of farms reporting.....	185,934	245,016	-59,082	-24.1
Per cent of all farms.....	2.9	4.3		
Acreage.....	802,991	453,841	349,150	76.9
Acres per farm reporting.....	4.3	1.9		
Production (bushels).....	11,251,160	5,064,490	6,186,670	122.2
Average yield per acre.....	14.0	11.2		2.9
Value.....	\$21,771,482	\$7,633,636	\$14,137,846	185.2
Average per bushel.....	\$1.94	\$1.51		\$0.43
Average per acre.....	\$27.11	\$16.82		\$9.29

<sup>1</sup> A minus sign (-) denotes decrease.

The acreage of dry edible beans increased from 453,841 in 1899 to 802,991 in 1909, an increase of 76.9 per cent; the production increased from 5,064,000 bushels to 11,251,000 bushels, or 122.2 per cent; and the value from \$7,634,000 to \$21,771,000, or 185.2 per cent. The yield per acre, and the value per bushel and per acre, also showed increases during the decade. The number of farms reporting, on the other hand, declined from 245,016 in 1899 to 185,934 in 1909.

Tables 51 and 52 give the statistics for dry edible beans, by divisions and states.

More than one-half (422,256 acres) of the acreage of dry edible beans, in 1909, was in the East North Central division, the other two divisions with considerable areas devoted to this crop being the Pacific and the Middle Atlantic. As a matter of fact there was one state in each of these three divisions that accounted for the bulk of the acreage of beans in the division. Michigan had 403,669 acres, California 157,987, and New York 115,698, these three states reporting considerably more than five-sixths of the total acreage for the country, and more than nine-tenths of the production and of the value.

Between 1899 and 1909 the acreage of dry edible beans increased decidedly in Michigan and in California, while in New York it decreased. In production and in value the three leading states all showed increases, but the increases in New York were much smaller than those in Michigan and California. The average yield of dry edible beans per acre was 13.1 bushels for Michigan, 14.5 bushels for New York, and 21.1 bushels for California, and the average value per bushel was \$1.84 for Michigan, \$1.89 for California, and \$2.19 for New York. Thus Michigan reported the lowest average value per acre, \$24.07; New York came next with a considerably higher average per acre, \$31.89, owing largely to the higher price per bushel. As a result of the high yield in California the average value per acre was highest in that state, \$39.85.

Other dry beans.—Table 53 shows for the United States and for the principal states, the acreage, production, and value of the different classes of dry beans (other than edible) for 1909 and 1899. The total acreage of these crops in 1909 was 14,947, the production was 180,000 bushels, and the value \$241,000. The principal crop was velvet beans, a large part of which was raised in Florida.

Table 51

DIVISION OR STATE.	DRY EDIBLE BEANS.					
	Farms reporting.				Average acres per farm.	
	Number.		Per cent of all farms.			
	1909	1899	1909	1899	1909	1899
United States.....	185,934	245,016	2.9	4.3	4.3	1.9
<b>GEOGRAPHIC DIVISIONS:</b>						
New England.....	26,284	38,429	13.9	20.0	0.6	0.4
Middle Atlantic.....	24,798	32,020	5.3	6.8	4.7	4.0
East North Central.....	65,839	51,028	5.9	4.6	6.1	3.6
West North Central.....	9,846	26,820	0.9	2.5	0.9	0.5
South Atlantic.....	25,544	48,358	2.3	5.0	1.0	0.6
East South Central.....	20,558	32,045	2.0	3.5	0.9	0.4
West South Central.....	1,447	6,674	0.2	0.9	2.5	0.8
Mountain.....	7,623	3,891	4.2	3.8	4.0	2.0
Pacific.....	3,905	4,011	2.1	2.8	39.8	11.7
<b>NEW ENGLAND:</b>						
Maine.....	15,788	24,434	20.3	41.2	0.7	0.4
New Hampshire.....	5,523	7,921	20.4	27.0	0.6	0.4
Vermont.....	2,752	3,151	8.4	9.5	0.9	0.8
Massachusetts.....	1,252	1,609	3.4	4.3	0.4	0.4
Rhode Island.....	252	801	4.8	10.9	0.2	0.4
Connecticut.....	717	713	2.7	2.6	0.3	0.5
<b>MIDDLE ATLANTIC:</b>						
New York.....	21,181	26,054	9.8	11.5	5.5	5.0
New Jersey.....	201	421	0.9	1.2	1.4	0.5
Pennsylvania.....	3,326	6,445	1.5	2.0	0.4	0.3
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	2,108	3,678	0.8	1.3	0.5	0.5
Indiana.....	1,982	6,986	0.9	3.1	0.9	0.4
Illinois.....	627	5,508	0.2	2.1	1.8	0.6
Michigan.....	56,466	28,588	26.8	14.1	7.3	5.8
Wisconsin.....	5,656	7,078	3.2	4.2	2.6	1.8
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	4,887	3,864	2.9	2.5	1.0	0.9
Iowa.....	973	5,417	0.4	2.4	0.6	0.4
Missouri.....	2,391	14,427	0.9	5.1	0.5	0.3
North Dakota.....	894	413	0.5	0.9	1.4	0.7
South Dakota.....	659	781	0.8	1.5	1.2	0.5
Nebraska.....	784	1,512	0.6	1.2	1.5	0.6
Kansas.....	58	400	( <sup>1</sup> )	0.2	1.2	2.1
<b>SOUTH ATLANTIC:</b>						
Delaware.....	109	379	0.9	3.9	0.5	0.3
Maryland.....	312	703	0.6	1.5	0.6	0.9
District of Columbia.....	1	1	0.0	0.4	1.0	1.0
Virginia.....	7,600	15,383	4.2	9.2	0.6	0.4
West Virginia.....	8,626	13,457	8.9	14.5	0.9	0.4
North Carolina.....	6,574	12,620	2.6	5.6	0.8	0.4
South Carolina.....	517	1,384	0.3	0.9	3.0	1.2
Georgia.....	1,329	2,514	0.5	1.1	2.2	0.8
Florida.....	424	1,908	0.8	4.7	6.2	4.8
<b>EAST SOUTH CENTRAL:</b>						
Kentucky.....	14,248	14,429	5.5	6.1	0.9	0.4
Tennessee.....	5,312	14,853	2.2	6.6	0.6	0.4
Alabama.....	647	1,733	0.2	0.8	2.4	1.0
Mississippi.....	351	1,030	0.1	0.5	3.1	1.1
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	538	2,802	0.3	1.6	1.5	0.5
Louisiana.....	78	281	0.1	0.2	4.0	1.5
Oklahoma.....	224	2,973	0.1	0.9	2.6	0.8
Texas.....	607	2,668	0.1	0.8	3.0	1.1
<b>MOUNTAIN:</b>						
Montana.....	140	102	0.5	0.8	2.4	1.0
Idaho.....	295	363	1.0	2.1	6.5	1.3
Wyoming.....	211	28	1.9	0.5	1.3	0.9
Colorado.....	1,387	655	3.0	2.7	3.6	4.0
New Mexico.....	4,593	1,725	12.9	14.0	4.5	1.9
Arizona.....	776	571	8.4	9.8	3.0	1.4
Utah.....	208	349	1.0	1.8	0.9	0.5
Nevada.....	15	38	0.6	1.7	0.9	0.9
<b>PACIFIC:</b>						
Washington.....	206	468	0.5	1.4	1.3	0.6
Oregon.....	675	1,492	1.5	4.2	0.8	0.6
California.....	3,054	2,051	3.5	2.8	51.7	22.4

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes Indian Territory.

INDIVIDUAL CROPS.

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DRY EDIBLE BEANS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 52 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHEL).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	802,991	453,841	349,150	78.9	11,251,160	5,064,490	6,186,670	122.2	\$21,771,482	\$7,633,636	\$14,137,846	185.2
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	16,619	16,734	-115	-0.7	145,111	212,149	-67,038	-31.6	432,501	437,110	-4,609	-1.1
Middle Atlantic.....	117,370	131,081	-14,311	-10.9	1,696,468	1,387,290	309,178	22.3	3,723,350	2,517,273	1,206,077	47.9
East North Central.....	422,256	188,202	233,964	124.3	5,472,850	2,028,930	3,443,920	169.7	10,054,082	2,692,908	7,361,174	273.4
West North Central.....	9,189	12,495	-3,306	-26.5	94,841	128,427	-33,586	-26.2	199,498	194,441	5,057	2.6
South Atlantic.....	25,776	30,492	-4,716	-15.5	162,853	373,339	-210,486	-56.4	291,885	377,428	-85,543	-22.7
East South Central.....	18,481	14,110	4,371	31.0	114,022	126,869	-12,847	-10.1	189,809	142,511	47,298	33.2
West South Central.....	3,551	5,453	-1,907	-34.9	25,052	53,212	-28,160	-52.9	45,717	68,574	-22,857	-33.3
Mountain.....	30,847	7,581	23,266	306.9	200,402	80,852	119,550	147.9	506,155	153,204	352,951	230.4
Pacific.....	158,902	46,998	111,904	238.1	3,339,561	673,422	2,666,139	395.9	6,328,455	1,050,187	5,278,268	502.6
<b>NEW ENGLAND:</b>												
Maine.....	10,341	10,252	89	0.9	87,565	137,290	-49,725	-36.2	275,334	290,855	-15,521	-5.3
New Hampshire.....	3,180	2,892	288	10.0	22,546	29,990	-7,444	-24.8	62,783	62,799	-16	(1)
Vermont.....	2,390	2,404	-14	-0.6	26,359	27,172	-813	-3.0	72,573	51,629	21,244	41.1
Massachusetts.....	448	629	-183	-29.1	4,979	7,939	-2,960	-37.3	12,382	15,068	-2,706	-17.9
Rhode Island.....	54	216	-162	-75.0	817	3,330	-2,513	-75.5	2,084	6,477	-4,393	-67.8
Connecticut.....	208	341	-133	-39.0	2,845	6,428	-3,583	-55.7	7,045	10,222	-3,187	-31.1
<b>MIDDLE ATLANTIC:</b>												
New York.....	115,698	129,298	-13,600	-10.5	1,681,506	1,360,445	321,061	23.6	3,689,064	2,472,668	1,216,396	49.2
New Jersey.....	403	201	202	100.5	2,941	2,888	53	1.8	6,150	5,886	264	4.5
Pennsylvania.....	1,269	2,182	-913	-41.8	12,021	23,957	-11,936	-49.8	28,136	38,719	-10,583	-27.3
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,139	1,828	-689	-37.7	13,665	19,042	-5,377	-28.2	30,082	32,207	-2,225	-9.7
Indiana.....	1,721	2,999	-1,278	-42.6	15,238	30,171	-14,933	-49.5	30,929	46,281	-15,352	-33.2
Illinois.....	1,153	3,451	-2,298	-66.6	6,866	30,122	-23,256	-77.2	12,842	46,084	-33,242	-72.1
Michigan.....	403,669	167,025	236,644	141.7	5,282,511	1,806,413	3,476,098	192.4	9,716,315	2,361,020	7,355,295	311.5
Wisconsin.....	14,574	12,989	1,585	12.2	154,570	143,182	11,388	8.0	263,914	206,216	57,698	28.0
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	4,697	3,290	1,407	42.8	62,822	36,317	26,505	73.0	124,996	49,685	75,311	151.6
Iowa.....	615	2,427	-1,812	-74.7	5,699	24,903	-19,204	-77.1	12,428	38,296	-25,868	-67.5
Missouri.....	1,281	4,376	-3,095	-70.7	9,385	45,647	-36,262	-79.4	20,334	73,850	-53,496	-72.4
North Dakota.....	544	270	274	101.5	5,073	2,889	2,184	112.3	12,862	3,872	8,990	232.2
South Dakota.....	809	397	412	103.8	5,285	4,218	1,067	25.3	12,575	6,448	6,127	95.0
Nebraska.....	1,173	887	286	32.2	5,941	7,669	-1,728	-22.5	14,962	12,896	2,157	16.8
Kansas.....	70	848	-778	-91.7	636	7,284	-6,648	-91.3	1,321	9,485	-8,164	-86.1
<b>SOUTH ATLANTIC:</b>												
Delaware.....	55	100	-45	-45.0	648	1,338	-685	-51.4	1,387	1,822	-435	-23.9
Maryland.....	2,196	605	-409	-67.6	1,833	4,754	-2,921	-61.4	3,342	7,088	-3,696	-52.5
District of Columbia.....		1	-1			12	-12			38	-38	
Virginia.....	2,777	6,411	-1,634	-25.5	29,435	56,189	-26,754	-47.6	61,864	66,066	-4,202	-6.4
West Virginia.....	2,111	5,221	2,890	58.4	39,794	52,815	-13,021	-24.7	81,049	80,494	555	0.7
North Carolina.....	2,521	5,381	140	2.6	35,037	49,518	-13,581	-27.4	57,528	50,703	6,825	13.5
South Carolina.....	2,528	1,057	-129	-7.8	6,825	14,925	-8,100	-54.3	12,778	13,936	-1,158	-8.3
Georgia.....	2,947	1,927	1,020	52.9	16,546	17,489	-943	-5.4	30,018	17,982	12,036	66.9
Florida.....	2,641	9,189	-6,548	-71.3	31,835	176,304	-144,469	-81.9	43,919	139,349	-95,430	-68.5
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	2,434	5,633	6,801	120.7	70,557	49,106	21,451	43.7	105,309	57,672	47,637	82.6
Tennessee.....	2,398	5,563	-2,165	-38.9	19,526	48,736	-29,210	-59.9	40,966	57,660	-16,694	-29.0
Alabama.....	2,157	1,765	-208	-11.8	15,212	17,865	-2,653	-14.9	19,887	15,507	4,380	28.2
Mississippi.....	2,092	1,149	-57	-5.0	8,727	11,162	-2,435	-21.8	23,647	11,672	11,975	102.6
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	2,819	1,490	-671	-45.0	4,080	15,582	-11,502	-73.8	6,588	17,046	-10,458	-61.4
Louisiana.....	2,311	335	-24	-7.2	5,557	3,371	2,186	64.8	6,982	3,948	3,034	76.8
Oklahoma.....	2,575	4,755	-180	-23.8	2,520	4,610	-3,610	-58.9	5,942	4,928	-986	-14.2
Texas.....	2,184	2,878	-1,032	-35.9	12,895	28,129	-15,234	-54.2	26,205	40,652	-14,447	-35.5
<b>MOUNTAIN:</b>												
Montana.....	342	101	241	238.6	2,958	1,110	1,848	166.5	8,511	2,221	6,290	283.2
Idaho.....	1,915	457	1,458	319.0	33,816	5,886	27,930	474.5	76,314	9,979	66,335	664.7
Wyoming.....	273	26	247	(*)	1,876	285	1,591	558.2	5,018	746	4,272	572.7
Colorado.....	5,040	2,634	2,406	91.3	53,926	28,570	25,356	88.5	128,701	49,169	79,532	161.8
New Mexico.....	20,766	3,349	17,417	520.1	85,795	36,022	49,773	138.2	232,023	73,001	159,022	217.8
Arizona.....	2,301	805	1,496	185.8	18,457	6,637	11,820	178.1	44,997	12,700	32,297	254.3
Utah.....	196	176	20	11.4	3,352	1,806	1,546	85.6	10,006	4,085	5,921	144.9
Nevada.....	14	33	-19	(*)	222	536	-314	-58.6	615	1,303	-688	-52.8
<b>PACIFIC:</b>												
Washington.....	353	296	57	19.3	3,311	3,830	-519	-13.6	9,656	7,084	2,572	37.3
Oregon.....	502	841	-279	-33.2	8,032	11,077	-3,045	-27.5	23,342	20,567	2,775	13.5
California.....	157,987	45,861	112,126	244.5	3,328,218	658,515	2,669,703	405.4	6,295,457	1,022,586	5,272,871	515.7

1 Less than one-tenth of 1 per cent.

2 A considerable amount of this acreage is probably a duplication of other crop acreage.

3 Per cent not shown where base is less than 100.

4 Includes Indian Territory.

Table 53

	DRY BEANS (OTHER THAN EDIBLE).					
	Acreage.		Production (bushels).		Value.	
	1909	1899	1909	1899	1909	1899
United States .....	14,947		179,733		\$241,060	
Castor beans, total.....	565	25,738	2,077	143,388	3,432	\$134,084
Illinois.....		2,688		15,695		16,139
Kansas.....		3,338		18,108		17,391
Missouri.....		5,622		31,966		31,177
Oklahoma.....	560	14,070	2,062	177,409	3,402	169,047
All other states.....	5	20	15	210	30	330
Velvet beans, total.....	12,560	( <sup>2</sup> )	154,767	( <sup>2</sup> )	210,837	( <sup>2</sup> )
Alabama.....	3,638		34,398		44,890	
Florida.....	8,363		114,404		152,479	
Georgia.....	435		4,224		8,572	
Mississippi.....	124		1,741		4,887	
Soy beans, total.....	1,029	( <sup>2</sup> )	16,835	( <sup>2</sup> )	20,577	( <sup>2</sup> )
Alabama.....	20		210		494	
North Carolina.....	1,240		13,313		14,141	
Ohio.....	33		424		843	
Tennessee.....	255		2,037		3,387	
Virginia.....	29		415		695	
All other states.....	33		427		1,017	
Other beans, total.....	193		6,054		6,214	
California.....	150		5,534		5,650	
Virginia.....	43		520		555	

<sup>1</sup> Includes Indian Territory. <sup>2</sup> Not reported separately.

DRY PEAS.

The United States as a whole.—Statistics for dry peas for the United States as a whole are given in Table 54. It does not cover green peas, which are included under vegetables.

Table 54

	DRY PEAS.			
	1909	1899	Increase. <sup>1</sup>	
			Amount.	Per cent.
Number of farms reporting.....	261,231	417,864	-156,633	-37.5
Per cent of all farms.....	4.1	7.3		
Acreage.....	1,305,099	968,370	336,729	34.8
Acres per farm reporting.....	5.0	2.3	2.7	
Production (bushels).....	7,129,294	9,440,210	-2,310,916	-24.5
Average yield per acre.....	5.5	9.7	-4.2	
Value.....	\$10,964,000	\$7,909,000	\$3,055,000	38.6
Average per bushel.....	\$1.54	\$0.84	\$0.70	
Average per acre.....	\$8.40	\$8.17	\$0.23	

<sup>1</sup> A minus sign (-) denotes decrease.

The acreage of dry peas in 1909 was 1,305,099, as compared with 968,370 in 1899, showing an increase of 336,729 acres, or 34.8 per cent. This increase is in part only apparent, inasmuch as peas are often planted in conjunction with other crops, and it seems certain that the enumerators, especially in the South Atlantic division, more frequently duplicated such acreage in their reports for 1909 than in 1899, when they usually, or at least very frequently, gave the acreage only under the entry for the other crops on the same land. The production of dry peas showed a material decrease from 9,440,000 bushels to 7,129,000 bushels, due to the reason stated above. The yield per acre was 5.5 in 1909 as compared with 9.7 in 1899.

The value of the dry peas increased from \$7,909,000 in 1899 to \$10,964,000 in 1909, or 38.6 per cent; the average value per bushel rose from 84 cents to \$1.54.

The number of farms reporting dry peas showed a material decline during the decade.

Tables 55 and 56 show the statistics for dry peas, by divisions and states. The South Atlantic division contained more than one-half of the reported acreage of dry peas in 1909, but the production was greater in the East North Central division. The leading states in 1909, by value, were Wisconsin, with a crop valued at \$1,646,000; Michigan, with \$1,337,000; South Carolina, with \$1,311,000; Georgia, with \$1,205,000; and North Carolina, with \$1,024,000. No other state produced as much as \$1,000,000 worth of dry peas in 1909.

Table 55

DIVISION OR STATE.	DRY PEAS.					
	Farms reporting.				Average acres per farm.	
	Number.		Per cent of all farms.			
	1909	1899	1909	1899	1909	1899
United States.....	261,231	417,864	4.1	7.3	5.0	2.3
GEOGRAPHIC DIVISIONS:						
New England.....	1,488	4,215	0.8	2.2	0.6	0.7
Middle Atlantic.....	1,832	5,422	0.4	1.1	2.3	2.8
East North Central.....	40,396	42,060	3.6	3.8	5.6	5.6
West North Central.....	4,597	7,470	0.4	0.7	8.1	1.1
South Atlantic.....	118,172	181,544	10.6	18.9	5.7	2.4
East South Central.....	58,833	130,550	5.6	14.5	3.5	1.9
West South Central.....	32,059	41,654	3.4	5.5	4.3	1.9
Mountain.....	2,612	2,027	1.4	2.0	10.9	8.3
Pacific.....	1,332	2,313	0.7	1.6	4.9	3.0
NEW ENGLAND:						
Maine.....	1,030	3,201	1.7	5.4	0.5	0.7
New Hampshire.....	234	420	0.9	1.4	0.5	0.3
Vermont.....	121	398	0.4	1.2	1.0	1.0
Massachusetts.....	68	125	0.2	0.3	0.5	1.0
Rhode Island.....	18	36	0.3	0.7	0.2	1.3
Connecticut.....	18	35	0.1	0.1	0.2	0.8
MIDDLE ATLANTIC:						
New York.....	1,061	4,524	0.8	2.0	2.4	3.3
New Jersey.....	43	58	0.1	0.2	2.1	0.8
Pennsylvania.....	128	840	0.1	0.4	0.7	0.6
EAST NORTH CENTRAL:						
Ohio.....	132	348	( <sup>1</sup> )	0.1	2.4	1.5
Indiana.....	1,052	620	0.8	0.3	7.9	9.9
Illinois.....	4,534	3,598	1.8	1.5	9.1	3.3
Michigan.....	18,128	17,694	8.8	8.7	5.2	4.0
Wisconsin.....	15,950	20,109	9.0	11.8	4.9	3.4
WEST SOUTH CENTRAL:						
Minnesota.....	530	761	0.3	0.5	1.6	0.9
Iowa.....	183	717	0.1	0.3	4.0	2.2
Missouri.....	3,462	5,461	1.2	1.9	6.7	1.0
North Dakota.....	103	140	0.1	0.3	3.9	0.6
South Dakota.....	89	99	0.1	0.2	20.0	0.4
Nebraska.....	26	154	( <sup>1</sup> )	0.1	1.0	0.8
Kansas.....	114	138	0.1	0.1	7.2	1.1
SOUTH ATLANTIC:						
Delaware.....	523	373	4.8	3.9	3.1	1.4
Maryland.....	350	649	0.7	1.4	2.1	1.5
District of Columbia.....						
Virginia.....	4,462	16,814	2.4	10.0	2.7	1.3
West Virginia.....	93	594	0.1	0.6	2.5	0.5
North Carolina.....	39,726	50,408	15.7	22.4	4.3	1.8
South Carolina.....	35,000	55,282	20.2	35.6	7.4	2.6
Georgia.....	34,716	50,423	11.9	22.4	6.1	3.3
Florida.....	2,042	7,001	5.3	17.2	2.7	2.6
EAST SOUTH CENTRAL:						
Kentucky.....	1,732	7,078	0.7	3.0	4.9	1.2
Tennessee.....	10,175	48,647	4.1	21.7	3.6	1.7
Alabama.....	26,905	39,897	10.2	17.9	3.2	2.3
Mississippi.....	20,021	34,928	7.3	15.8	3.7	2.0
WEST SOUTH CENTRAL:						
Arkansas.....	13,821	18,087	6.4	10.1	3.8	1.7
Louisiana.....	6,330	7,278	5.3	6.3	5.2	2.1
Oklahoma.....	1,612	4,639	0.8	0.6	3.9	0.7
Texas.....	10,296	15,650	2.5	4.4	4.5	2.2
MOUNTAIN:						
Montana.....	180	231	0.7	1.7	6.6	6.5
Idaho.....	59	90	0.2	0.5	4.0	1.9
Wyoming.....	18	11	0.2	0.2	13.1	1.2
Colorado.....	832	397	1.8	1.6	29.1	9.1
New Mexico.....	1,453	1,149	4.1	9.3	1.7	1.9
Arizona.....	15	55	0.2	0.9	0.9	0.9
Utah.....	55	92	0.3	0.5	2.3	1.6
Nevada.....		2		0.1		2.0
PACIFIC:						
Washington.....	913	1,441	1.6	4.3	3.5	2.5
Oregon.....	155	574	0.3	1.6	2.8	2.3
California.....	262	298	0.3	0.4	11.3	6.8

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes Indian Territory.

# INDIVIDUAL CROPS.

DRY PEAS—ACREAGE, PRODUCTION, AND VALUE, WITH INCREASE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States.....</b>	<b>1,305,099</b>	<b>968,370</b>	<b>336,729</b>	<b>34.8</b>	<b>7,129,294</b>	<b>9,440,210</b>	<b>-2,310,916</b>	<b>-24.5</b>	<b>\$10,963,739</b>	<b>\$7,908,966</b>	<b>\$3,054,773</b>	<b>38.6</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	824	3,050	-2,226	-73.0	7,784	48,130	-40,346	-83.8	15,348	58,506	-43,158	-73.8
Middle Atlantic.....	4,185	15,275	-11,090	-72.6	73,358	259,058	-185,700	-71.7	121,369	239,095	-117,726	-49.2
East North Central.....	227,430	154,216	73,214	47.5	2,603,773	2,351,514	252,259	10.7	3,396,025	1,639,048	1,756,977	107.2
West North Central.....	27,635	7,943	19,692	247.9	154,873	96,144	58,729	61.1	241,082	106,451	134,631	126.5
South Atlantic.....	667,705	440,378	227,327	51.6	2,242,244	3,568,991	-1,326,747	-37.2	3,805,792	2,874,088	931,704	32.4
East South Central.....	203,229	251,851	-48,622	-19.3	882,471	2,099,677	-1,217,206	-58.0	1,560,726	1,962,651	-401,925	-20.5
West South Central.....	138,902	81,033	57,869	71.4	678,746	730,703	-51,957	-7.1	1,095,149	766,548	328,601	42.9
Mountain.....	28,598	7,733	20,865	269.8	328,201	114,180	214,021	187.4	495,132	92,708	402,424	434.1
Pacific.....	6,591	6,891	-300	-4.4	157,844	171,813	-13,969	-8.1	233,116	169,871	63,245	37.2
<b>NEW ENGLAND:</b>												
Maine.....	537	2,300	-1,763	-76.7	4,963	35,991	-31,028	-86.2	10,134	44,618	-34,484	-77.3
New Hampshire.....	122	146	-24	-16.4	934	1,533	-599	-39.1	1,955	2,210	-255	-11.5
Vermont.....	127	408	-281	-68.9	1,262	6,945	-5,683	-81.8	2,092	7,730	-5,638	-72.9
Massachusetts.....	30	122	-92	-75.4	480	2,259	-1,779	-78.8	944	2,125	-1,181	-55.6
Rhode Island.....	4	45	-41	( <sup>1</sup> )	73	940	-867	-92.2	102	1,195	-1,093	-91.5
Connecticut.....	4	29	-25	( <sup>1</sup> )	72	462	-390	-84.4	121	628	-507	-80.7
<b>MIDDLE ATLANTIC:</b>												
New York.....	4,007	14,748	-10,741	-72.8	71,486	251,889	-180,403	-71.6	117,558	230,609	-113,051	-49.0
New Jersey.....	91	45	46	( <sup>1</sup> )	883	806	77	9.6	1,711	868	843	97.1
Pennsylvania.....	87	482	-395	-82.0	989	6,363	-5,374	-84.5	2,100	7,618	-5,518	-72.4
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	323	506	-183	-36.2	3,041	7,521	-4,480	-59.6	5,298	7,410	-2,112	-28.5
Indiana.....	13,082	533	12,549	2,354.4	88,254	7,357	80,897	1,099.6	133,996	7,348	126,648	1,723.5
Illinois.....	41,076	12,982	28,094	216.4	185,020	103,386	81,634	79.0	273,373	110,554	162,819	147.3
Michigan.....	94,932	71,370	23,566	33.0	1,162,403	1,134,431	27,972	2.5	1,337,430	689,133	648,297	94.1
Wisconsin.....	78,017	68,819	9,198	13.4	1,165,055	1,068,819	96,236	8.2	1,645,928	824,603	821,325	99.6
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	835	670	165	24.6	14,964	9,021	5,943	65.9	18,384	9,338	9,046	96.9
Iowa.....	731	1,556	-825	-53.0	9,007	27,606	-18,599	-67.4	11,669	24,473	-12,804	-52.3
Missouri.....	23,036	5,319	17,717	333.1	109,357	54,793	54,564	99.7	180,391	66,701	113,690	170.4
North Dakota.....	399	84	315	( <sup>1</sup> )	5,543	710	4,833	680.7	8,368	1,001	7,367	736.0
South Dakota.....	1,783	37	1,746	( <sup>1</sup> )	10,598	462	10,146	2,244.7	11,223	591	10,632	1,799.0
Nebraska.....	26	126	-100	-79.4	169	1,586	-1,417	-89.3	308	2,041	-1,733	-84.9
Kansas.....	825	151	674	446.4	5,235	2,006	3,229	161.0	10,739	2,306	8,433	365.7
<b>SOUTH ATLANTIC:</b>												
Delaware.....	1,615	518	1,097	211.8	12,521	4,650	7,871	169.3	25,278	5,086	20,192	397.0
Maryland.....	2,742	947	1,795	189.6	5,603	12,459	-6,856	-55.0	11,143	12,725	-1,582	-12.4
District of Columbia.....												
Virginia.....	2,12,091	22,206	189,885	89.5	66,488	219,142	-152,654	-69.7	127,211	218,477	-91,266	-41.8
West Virginia.....	2,232	323	1,909	593.8	1,490	3,613	-2,123	-58.8	3,312	3,731	-419	-11.2
North Carolina.....	2,169,934	88,407	1,081,527	122.3	651,567	876,167	-224,600	-25.6	1,024,228	649,194	375,034	57.8
South Carolina.....	2,265,632	143,070	1,122,562	85.7	711,853	1,162,705	-450,852	-38.8	1,311,454	859,932	451,522	52.5
Georgia.....	2,210,315	167,032	1,043,283	62.9	786,009	1,130,441	-344,432	-34.9	1,204,783	953,241	251,542	26.4
Florida.....	2,7,144	17,875	10,269	119.1	56,713	159,814	-103,101	-64.5	98,383	171,702	-73,319	-42.7
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	2,8,465	8,394	20,071	238.3	44,772	83,089	-38,317	-46.1	84,514	90,739	-6,225	-6.9
Tennessee.....	2,36,640	82,841	283,799	342.5	133,924	760,603	-626,739	-82.4	245,434	767,840	-522,406	-68.0
Alabama.....	2,85,034	91,126	75,908	84.5	418,007	665,388	-247,381	-37.2	660,270	536,793	123,477	23.0
Mississippi.....	2,73,090	69,490	66,600	97.4	285,768	590,537	-304,769	-51.6	570,508	567,279	3,229	0.6
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	2,52,730	31,414	21,316	67.9	229,444	245,894	-16,450	-6.7	376,076	255,709	120,367	47.1
Louisiana.....	2,33,150	15,190	17,960	118.2	161,659	146,298	15,361	10.5	252,362	156,843	95,519	60.9
Oklahoma.....	2,6,245	3,455	5,790	1,272.5	33,282	5,049	28,233	559.2	63,857	4,690	59,167	1,261.6
Texas.....	2,46,777	33,974	12,803	37.7	254,361	333,462	-79,101	-23.7	402,854	349,306	53,548	15.3
<b>MOUNTAIN:</b>												
Montana.....	1,184	1,512	-328	-21.7	21,670	32,265	-10,595	-32.8	37,757	33,273	4,484	13.5
Idaho.....	234	170	64	37.6	4,875	2,506	2,369	94.5	9,160	4,058	5,102	125.7
Wyoming.....	326	13	313	( <sup>1</sup> )	9,231	232	8,999	3,878.9	9,552	305	9,247	3,031.8
Colorado.....	24,230	3,621	20,609	569.2	258,281	47,461	210,820	44.2	397,540	29,906	367,634	1,229.3
New Mexico.....	2,2,485	2,220	265	11.9	30,829	28,071	2,758	9.8	35,077	20,365	14,712	72.2
Arizona.....	13	50	-37	( <sup>1</sup> )	93	866	-773	-89.3	293	1,205	-912	-75.7
Utah.....	126	143	-17	-11.9	3,222	2,694	528	19.6	5,753	3,504	2,249	64.2
Nevada.....		4	-4			85	-85			92	-92	
<b>PACIFIC:</b>												
Washington.....	3,196	3,573	-377	-10.6	91,032	91,899	-867	-0.9	116,065	78,124	37,941	48.6
Oregon.....	436	1,304	-868	-66.6	9,344	22,615	-13,271	-58.7	16,035	21,114	-5,079	-24.1
California.....	2,959	2,014	945	46.9	57,468	57,299	169	0.3	101,016	70,633	30,383	43.0

<sup>1</sup> Per cent not shown where base is less than 100. <sup>2</sup> A considerable amount of this acreage is probably a duplication of other crop acreage. <sup>3</sup> Includes Indian Territory.

PEANUTS.

The United States as a whole.—The statistics for peanuts for the United States as a whole are given in Table 57.

	PEANUTS.			
	1909	1899	Increase. <sup>1</sup>	
			Amount.	Per cent.
Number of farms reporting.....	218,008	133,909	85,089	63.5
Per cent of all farms.....	3.4	2.3		
Acreage.....	869,887	516,654	353,233	68.4
Acres per farm reporting.....	4.0	3.9	0.1	
Production (bushels).....	19,415,816	11,964,100	7,451,707	62.3
Average yield per acre.....	22.3	23.2	-0.9	
Value.....	\$18,271,929	\$7,270,515	\$11,001,414	151.3
Average per bushel.....	\$0.94	\$0.61	\$0.33	
Average per acre.....	\$21.00	\$14.07	\$6.93	

<sup>1</sup> A minus sign (-) denotes decrease.

The acreage of peanuts in 1909 was 869,887, as compared with 516,654 in 1899; the production was 19,416,000 bushels in 1909, as compared with 11,964,000 bushels 10 years earlier; and the value was \$18,272,000 at the later date, as compared with \$7,271,000 at the earlier. The average value per bushel increased from 61 cents to 94 cents during the decade, and the average value per acre rose from \$14.07 to \$21.

Tables 58 and 59 give the statistics for peanuts, by divisions and states.

The acreage of peanuts is practically confined to the Southern states, the South Atlantic division having a very much larger acreage than either the East or the West South Central divisions. The leading state in the acreage of peanuts in 1909 was North Carolina with, 195,134 acres, followed by Georgia, Virginia, Florida, and Alabama, no other state reporting as much as 100,000 acres in peanuts. These five states and Texas were the only ones to report a production of peanuts of over 1,000,000 bushels, or a value for the peanut crop in excess of \$1,000,000. All of the six leading states showed considerable increases in the acreage of peanuts between 1899 and 1909, the absolute increase being greatest in North Carolina, while Texas showed the greatest relative increase, the acreage of peanuts in that state in 1909 being six times as great as that 10 years earlier.

The average yield of peanuts per acre in 1909 was considerably higher in North Carolina and Virginia, where it was 30.6 and 29.5 bushels, respectively, than in any of the other leading peanut growing states, the averages being 18.4 for Florida, 16.7 for Texas, 16 for Georgia, and 15.6 for Alabama. There was com-

paratively little variation from state to state in the value of peanuts per bushel, but the value per acre was considerably higher for Virginia and North Carolina, where the yield per acre was higher than for the other leading peanut growing states.

DIVISION OR STATE.	PEANUTS.					
	Farms reporting.				Average acres per farm.	
	Number.		Per cent of all farms.			
	1909	1899	1909	1899	1909	1899
<b>United States.....</b>	<b>219,003</b>	<b>133,909</b>	<b>3.4</b>	<b>2.3</b>	<b>4.0</b>	<b>3.9</b>
<b>GEOGRAPHIC DIVISIONS:</b>						
New England.....	9	7	( <sup>1</sup> )	( <sup>1</sup> )		
Middle Atlantic.....	14	36	( <sup>1</sup> )	( <sup>1</sup> )	0.5	0.1
East North Central.....	340	249	( <sup>1</sup> )	( <sup>1</sup> )	0.8	0.2
West North Central.....	1,032	1,970	0.1	0.2	0.2	0.3
South Atlantic.....	102,128	76,060	9.2	7.9	6.2	5.1
East South Central.....	64,960	36,941	6.2	4.1	2.1	2.8
West South Central.....	50,291	18,571	5.3	2.5	2.0	1.1
Mountain.....	184	21	0.1	( <sup>1</sup> )	0.8	0.6
Pacific.....	45	54	( <sup>1</sup> )	( <sup>1</sup> )	2.3	8.0
<b>NEW ENGLAND:</b>						
Maine.....	1	4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	0.3
New Hampshire.....	2	1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Vermont.....						
Massachusetts.....	3	2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Rhode Island.....	3		( <sup>1</sup> )		( <sup>2</sup> )	
Connecticut.....						
<b>MIDDLE ATLANTIC:</b>						
New York.....	4		( <sup>1</sup> )		1.5	
New Jersey.....	8	4	( <sup>1</sup> )	( <sup>1</sup> )	0.1	( <sup>2</sup> )
Pennsylvania.....	2	32	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	0.1
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	11	11	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	0.1
Indiana.....	43	50	( <sup>1</sup> )	( <sup>1</sup> )	0.4	0.2
Illinois.....	230	188	0.1	0.1	0.5	0.3
Michigan.....	25		( <sup>1</sup> )		2.6	
Wisconsin.....	31		( <sup>1</sup> )		2.3	
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	7		( <sup>1</sup> )		0.1	
Iowa.....	21	45	( <sup>1</sup> )	( <sup>1</sup> )	0.6	0.3
Missouri.....	671	1,332	0.2	0.5	0.2	0.2
North Dakota.....	2		( <sup>1</sup> )		5.0	
South Dakota.....	6		( <sup>1</sup> )		( <sup>2</sup> )	
Nebraska.....	41	46	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.2
Kansas.....	284	547	0.2	0.3	0.2	0.4
<b>SOUTH ATLANTIC:</b>						
Delaware.....	10	8	0.1	( <sup>1</sup> )	2.5	0.3
Maryland.....	12	23	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.3
District of Columbia.....						
Virginia.....	12,927	11,572	7.0	6.9	11.2	10.1
West Virginia.....	21	61	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	0.1
North Carolina.....	31,603	19,085	12.4	8.8	6.2	4.9
South Carolina.....	5,846	6,123	3.3	3.9	1.3	1.2
Georgia.....	32,690	24,918	11.2	11.1	4.9	4.6
Florida.....	19,219	13,050	38.4	33.4	6.6	5.1
<b>EAST SOUTH CENTRAL:</b>						
Kentucky.....	140	289	0.1	0.1	0.6	0.3
Tennessee.....	3,947	4,546	1.6	2.0	4.8	4.3
Alabama.....	37,702	23,089	14.3	10.6	2.7	3.3
Mississippi.....	23,171	8,417	8.4	3.8	0.6	0.7
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	10,025	5,747	4.7	3.2	1.0	0.9
Louisiana.....	14,492	2,467	12.0	2.1	1.7	1.3
Oklahoma.....	1,299	2,801	0.7	2.6	1.2	0.8
Texas.....	24,475	7,496	5.9	2.1	2.6	1.4
<b>MOUNTAIN:</b>						
Montana.....					1.0	
Idaho.....	1		( <sup>1</sup> )			
Wyoming.....		1		( <sup>1</sup> )		0.4
Colorado.....	3	12	( <sup>1</sup> )	( <sup>1</sup> )	0.7	
New Mexico.....	158	3	0.4	( <sup>1</sup> )	0.8	0.3
Arizona.....	20	3	0.2	0.1	0.6	0.3
Utah.....	2	2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	1.0
Nevada.....						
<b>PACIFIC:</b>						
Washington.....		3		( <sup>1</sup> )		( <sup>2</sup> )
Oregon.....	3	4	( <sup>1</sup> )	( <sup>1</sup> )	1.0	0.3
California.....	42	47	( <sup>1</sup> )	0.1	2.4	9.2

<sup>1</sup> Less than one-tenth of 1 per cent. <sup>2</sup> Not computed because of small acreage. <sup>3</sup> Includes Indian Territory.

# INDIVIDUAL CROPS.

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PEANUTS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 59 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELLS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	869,887	516,654	353,233	68.4	19,415,816	11,964,109	7,451,707	62.3	\$18,271,929	\$7,270,515	\$11,001,414	151.3
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....		1	-1		24	27	-3	( <sup>1</sup> )	48	54	-6	( <sup>1</sup> )
Middle Atlantic.....	7	2	5	( <sup>1</sup> )	152	84	68	( <sup>1</sup> )	198	109	89	81.7
East North Central.....	261	61	200	( <sup>1</sup> )	4,503	1,098	3,405	310.1	5,005	1,182	3,823	323.4
West North Central.....	203	514	-311	-60.5	5,845	11,543	-5,698	-49.4	7,380	11,133	-3,753	-33.7
South Atlantic.....	634,436	389,993	244,443	62.7	15,305,253	9,700,563	5,595,690	57.6	14,341,058	5,855,132	8,485,926	144.9
East South Central.....	133,637	104,357	29,280	28.1	2,407,562	1,866,519	541,043	29.0	2,196,522	1,066,574	1,129,948	105.9
West South Central.....	101,103	21,279	79,824	375.1	1,687,523	359,238	1,328,285	369.7	1,715,690	322,149	1,392,541	430.9
Mountain.....	138	13	125	( <sup>1</sup> )	1,757	536	1,221	227.8	2,843	499	2,344	469.7
Pacific.....	102	434	-332	-76.5	3,197	15,501	-12,304	-79.4	3,185	12,683	-9,498	-74.9
<b>NEW ENGLAND:</b>												
Maine.....	( <sup>2</sup> )	1	-1	( <sup>1</sup> )	5	22	-17	( <sup>1</sup> )	15	46	-31	( <sup>1</sup> )
New Hampshire.....	( <sup>2</sup> )	( <sup>2</sup> )			3	2	1	( <sup>1</sup> )	7	2	5	( <sup>1</sup> )
Vermont.....												
Massachusetts.....	( <sup>2</sup> )	( <sup>2</sup> )			12	3	9	( <sup>1</sup> )	13	6	7	( <sup>1</sup> )
Rhode Island.....	( <sup>2</sup> )		( <sup>2</sup> )		4		4		13		13	
Connecticut.....												
<b>MIDDLE ATLANTIC:</b>												
New York.....	6		6		132		132		168		168	
New Jersey.....	1	( <sup>2</sup> )	1	( <sup>1</sup> )	16	7	9	( <sup>1</sup> )	27	10	17	( <sup>1</sup> )
Pennsylvania.....	( <sup>2</sup> )	2	-2	( <sup>1</sup> )	4	77	-73	( <sup>1</sup> )	8	99	-91	( <sup>1</sup> )
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	( <sup>2</sup> )	1	-1	( <sup>1</sup> )	31	20	11	( <sup>1</sup> )	49	20	29	( <sup>1</sup> )
Indiana.....	18	11	7	( <sup>1</sup> )	624	199	425	213.6	692	223	469	210.3
Illinois.....	109	49	60	( <sup>1</sup> )	1,792	879	913	103.9	2,111	939	1,172	124.8
Michigan.....	64		64		1,111		1,111		1,089		1,089	
Wisconsin.....	70		70		945		945		1,064		1,064	
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	1		1		15		15		34		34	
Iowa.....	13	7	6	( <sup>1</sup> )	359	127	232	182.7	296	164	132	59.5
Missouri.....	130	271	-141	-52.0	3,220	6,679	-3,459	-51.8	4,040	6,407	-2,367	-36.9
North Dakota.....	10		10		101		101		151		151	
South Dakota.....	( <sup>2</sup> )		( <sup>2</sup> )		10		10		20		20	
Nebraska.....	1	11	-10	( <sup>1</sup> )	93	221	-128	-57.9	170	256	-86	-33.6
Kansas.....	48	225	-177	-78.7	2,047	4,516	-2,469	-54.7	2,669	4,306	-1,637	-38.0
<b>SOUTH ATLANTIC:</b>												
Delaware.....	25	2	23	( <sup>1</sup> )	202	23	179	( <sup>1</sup> )	196	29	167	( <sup>1</sup> )
Maryland.....	1	7	-6	( <sup>1</sup> )	-30	143	-113	-79.0	37	137	-100	-73.0
District of Columbia.....												
Virginia.....	145,213	116,914	28,299	24.2	4,284,340	3,713,347	570,993	15.4	4,239,832	2,261,148	1,978,684	87.5
West Virginia.....	( <sup>2</sup> )	11	-11	( <sup>1</sup> )	64	199	-135	-67.8	168	228	-60	-26.3
North Carolina.....	195,134	95,856	99,278	103.6	5,980,919	3,460,439	2,520,480	72.8	5,368,826	1,852,110	3,516,716	189.9
South Carolina.....	7,596	7,162	434	6.1	154,822	131,710	23,112	17.5	144,211	106,018	38,193	36.0
Georgia.....	160,317	100,589	59,728	59.4	2,569,787	1,435,775	1,134,012	79.0	2,440,926	935,749	1,505,177	160.8
Florida.....	126,150	69,452	56,698	81.6	2,315,089	967,927	1,347,162	139.2	2,146,863	699,713	1,447,149	206.8
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	79	92	-13	( <sup>1</sup> )	1,735	1,405	330	23.5	1,867	1,353	514	38.0
Tennessee.....	18,952	19,534	-582	-3.0	547,240	747,668	-200,428	-26.8	386,765	392,648	-5,883	-1.5
Alabama.....	100,609	78,878	21,731	27.6	1,573,796	1,021,708	552,088	54.0	1,490,654	583,223	907,431	155.6
Mississippi.....	13,997	5,853	8,144	139.1	284,791	95,738	189,053	197.5	317,236	89,350	227,886	255.0
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	10,192	5,233	4,959	94.8	168,608	78,237	90,371	115.5	183,364	69,632	113,732	163.3
Louisiana.....	25,020	3,107	21,913	705.3	412,037	45,713	366,324	801.3	422,232	44,785	377,447	842.8
Oklahoma.....	1,564	2,205	-641	-29.1	31,880	50,428	-18,548	-36.8	34,984	30,190	4,794	15.9
Texas.....	64,327	10,734	53,593	499.3	1,074,998	184,860	890,138	481.5	1,075,110	178,542	896,568	502.2
<b>MOUNTAIN:</b>												
Montana.....												
Idaho.....	1		1		20		20		25		25	
Wyoming.....		1	-1			3	-3			3	-3	
Colorado.....	2	5	-3	( <sup>1</sup> )	7	138	-131	-94.9	10	173	-163	-94.2
New Mexico.....	126	1	125	( <sup>1</sup> )	1,375	10	1,365	( <sup>1</sup> )	2,177	12	2,165	( <sup>1</sup> )
Arizona.....	9	4	5	( <sup>1</sup> )	345	234	111	47.4	608	233	370	155.5
Utah.....	( <sup>2</sup> )	2	-2	( <sup>1</sup> )	10	151	-141	-93.4	23	73	-50	( <sup>1</sup> )
Nevada.....												
<b>PACIFIC:</b>												
Washington.....		( <sup>2</sup> )				15	-15			15	-15	
Oregon.....	3	1	2	( <sup>1</sup> )	206	25	181	( <sup>1</sup> )	296	18	278	( <sup>1</sup> )
California.....	99	433	-334	-77.1	2,991	15,461	-12,470	-80.7	2,589	12,650	-9,761	-77.2

<sup>1</sup> Per cent not shown where base is less than 100.

<sup>2</sup> Less than 1 acre.

<sup>3</sup> Includes Indian Territory.

## FLAXSEED.

The United States as a whole.—In the United States flax is raised primarily for the sake of 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. In fact the value of the crop, at least for 1909, as shown in Tables 60 and 61, represents only that of the seed, the small value of flax straw sold being shown separately in Table 120, page 701. The statistics of flaxseed for the United States as a whole are shown in Table 60.

	FLAXSEED.			
	1909	1899	1889	1879
Number of farms reporting.....	77,184	88,300		
Per cent of all farms.....	1.2	1.5		
Acreage.....	2,083,142	2,110,517	1,318,698	
Increase over preceding census <sup>1</sup> .....	-27,375	791,819		
Per cent of increase <sup>1</sup> .....	-1.3	60.0		
Acres per farm reporting.....	27.0	23.9		
Per cent that acreage in flax formed of total improved acreage.....	0.4	0.5	0.4	
Production (bushels).....	19,512,705	19,979,492	10,250,410	7,170,951
Increase over preceding census <sup>1</sup> .....	-466,727	9,720,082	3,070,459	
Per cent of increase <sup>1</sup> .....	-2.3	94.9	42.9	
Average yield per acre.....	9.4	9.5	7.8	
Value.....	\$28,970,554	\$19,624,901		
Increase over preceding census.....	\$9,345,653			
Per cent of increase.....	47.6			
Average per bushel.....	\$1.48	\$0.98		
Average per acre.....	\$13.91	\$9.30		
Per cent that value of flaxseed formed of total value of all crops.....	0.5	0.6		

<sup>1</sup> A minus sign (-) denotes decrease.

The acreage of flax in 1909 was 2,083,142 and the production of flaxseed was 19,513,000 bushels, both acreage and production showing slight decreases since 1899, while the value of the seed increased from \$19,625,000 to \$28,971,000, or 47.6 per cent, during the decade. The average value of flaxseed per bushel thus rose from 98 cents in 1899 to \$1.48 in 1909, and the average value, per acre, increased from \$9.30 in 1899 to \$13.91 in 1909.

The acreage for flax increased 60 per cent between 1889 and 1899, and the production of flaxseed increased 94.9 per cent during that decade, which shows larger increases in flax raising than any other decade for which statistics are available.

Tables 61, 62, and 63 give the statistics for flaxseed, by divisions and states.

The West North Central and the Mountain divisions reported nearly all of the flax raised. North Dakota alone in 1909 reported more than one-half of the total flax acreage, South Dakota reported about one-fourth, and Minnesota more than one-sixth, Kansas and Montana being the only other states with more than 30,000 acres devoted to flax.

Table 62 shows that in 1879 Illinois, Iowa, and Indiana were the leading flaxseed producing states, while in 1909 none of these states were important producers of this crop, the production of flaxseed having moved northwest.

Table 63 shows the percentage of farms reporting flaxseed, and average yield per acre, 1889 to 1909, for the United States as a whole and by divisions and states.

# INDIVIDUAL CROPS.

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FLAXSEED—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 61 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States.....	2,083,142	2,110,517	-27,375	-1.3	19,512,765	19,979,492	-466,727	-2.3	\$28,970,554	\$19,624,901	\$9,345,653	47.6
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	7	5	2	(1)	200	46	154	(1)	152	39	113	(1)
Middle Atlantic.....	130	234	-104	-44.4	1,108	2,034	-926	-45.5	2,312	2,236	86	3.9
East North Central.....	10,390	15,803	-5,413	-34.3	127,850	185,625	-57,745	-31.1	180,899	188,399	-7,500	-4.0
West North Central.....	2,029,168	2,070,034	-40,866	-2.0	18,901,292	19,612,049	-710,757	-3.6	28,061,938	19,272,776	8,789,162	45.6
South Atlantic.....	19	17	2	(1)	216	116	100	86.2	291	109	182	167.0
East South Central.....	4	5	-1	(1)	45	21	24	(1)	57	21	36	(1)
West South Central.....	1,414	3,659	-2,245	-61.4	12,165	21,158	-8,993	-42.5	17,849	17,597	252	1.4
Mountain.....	41,731	17,691	24,040	135.9	467,572	136,243	331,329	243.2	703,245	123,844	579,401	467.9
Pacific.....	279	3,069	-2,790	-90.9	2,287	22,200	-19,913	-89.7	3,811	19,899	-16,079	-80.8
<b>NEW ENGLAND:</b>												
Maine.....	(2)	2	-2	(1)	6	16	-10	(1)	12	22	-10	(1)
New Hampshire.....	4		4		163		163		87		87	
Vermont.....	2		2		25		25		38		38	
Massachusetts.....												
Rhode Island.....												
Connecticut.....	1	3	-2	(1)	6	30	-24	(1)	15	17	-2	(1)
<b>MIDDLE ATLANTIC:</b>												
New York.....	58	159	-101	-63.5	400	1,350	-950	-70.4	837	1,485	-648	-43.6
New Jersey.....	(2)		(2)		4		4		4		4	
Pennsylvania.....	72	75	-3	(1)	704	684	20	2.9	1,471	741	730	98.5
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	552	3,092	-2,540	-82.1	4,809	29,821	-25,012	-83.9	6,307	28,935	-22,628	-78.2
Indiana.....	39	171	-132	-77.2	179	1,394	-1,215	-87.2	245	1,412	-1,167	-82.6
Illinois.....	115	394	-279	-70.8	1,156	4,336	-3,180	-73.3	1,548	4,705	-3,157	-67.1
Michigan.....	261	883	-622	-70.4	2,943	9,309	-6,366	-68.4	4,951	10,108	-5,157	-51.0
Wisconsin.....	9,423	11,263	-1,840	-16.3	118,793	140,765	-21,972	-15.6	167,848	143,239	24,609	17.2
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	358,426	566,801	-208,375	-36.8	3,277,238	5,895,479	-2,618,241	-44.4	4,863,328	5,898,556	-1,035,228	-17.6
Iowa.....	15,549	126,453	-110,904	-87.7	140,906	1,413,380	-1,272,474	-90.0	182,569	1,380,102	-1,197,533	-86.8
Missouri.....	20,630	100,952	-80,322	-79.0	154,532	611,888	-457,356	-74.7	168,771	519,929	-351,158	-67.5
North Dakota.....	1,068,049	773,909	294,050	38.0	10,245,684	7,766,610	2,479,074	31.9	15,488,016	7,735,640	7,752,376	100.2
South Dakota.....	518,566	302,010	216,556	71.7	4,759,794	2,452,528	2,307,266	94.1	7,001,717	2,422,269	4,579,448	189.1
Nebraska.....	2,934	7,652	-4,718	-61.7	20,647	54,394	-33,747	-62.0	30,135	53,793	-23,658	-44.0
Kansas.....	45,014	192,167	-147,153	-76.6	302,491	1,417,770	-1,115,279	-78.7	327,402	1,262,487	-935,085	-74.1
<b>SOUTH ATLANTIC:</b>												
Delaware.....												
Maryland.....	1	3	-2	(1)	4	50	-46	(1)	5	41	-36	(1)
District of Columbia.....												
Virginia.....	13	10	3	(1)	138	50	88	(1)	162	52	110	(1)
West Virginia.....	(2)	2	-2	(1)	28	7	21	(1)	55	7	48	(1)
North Carolina.....	4	2	2	(1)	19	9	10	(1)	40	9	31	(1)
South Carolina.....	1		1		19		19		19		19	
Georgia.....	(2)		(2)		8		8		10		10	
Florida.....												
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	4	3	1	(1)	45	10	35	(1)	57	10	47	(1)
Tennessee.....		1	-1			7	-7			7	-7	
Alabama.....		1	-1			4	-4			4	-4	
Mississippi.....												
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	(2)	40	-40	(1)	2	408	-406	-99.5	4	414	-410	-99.0
Louisiana.....	312		312		2,215		2,215		4,920		4,920	
Oklahoma.....	1,036	3,544	-2,508	-70.8	9,933	20,110	-11,017	-54.8	11,345	16,622	-5,277	-31.7
Texas.....	66	75	-9	(1)	855	640	215	33.6	1,580	561	1,019	181.6
<b>MOUNTAIN:</b>												
Montana.....	37,647	16	37,631	(1)	447,484	220	447,264	203,301.8	676,945	258	676,677	252,491.4
Idaho.....	81	17,239	-17,158	-99.5	608	134,180	-133,572	-99.5	916	121,682	-120,766	-99.2
Wyoming.....	1,110		1,110		5,983		5,983		7,858		7,858	
Colorado.....	2,887	434	2,453	565.1	13,462	1,820	11,642	639.7	17,485	1,851	15,634	844.6
New Mexico.....	6	1	5	(1)	34	3	31	(1)	37	3	34	(1)
Arizona.....												
Utah.....	(2)	1	-1	(1)	1	20	-19	(1)	4	40	-36	(1)
Nevada.....												
<b>PACIFIC:</b>												
Washington.....	1	149	-148	-99.3	14	850	-836	-98.4	20	767	-747	-97.4
Oregon.....	38	2,016	-1,978	-98.1	391	8,740	-8,349	-95.5	567	8,564	-7,997	-93.4
California.....	240	904	-664	-73.5	1,882	12,610	-10,728	-85.1	3,224	10,559	-7,335	-69.5

<sup>1</sup> Per cent not shown where base is less than 100.

<sup>2</sup> Less than 1 acre.

<sup>3</sup> Includes Indian Territory.

FLAXSEED—FARMS REPORTING, ACREAGE, 1889 TO 1909, AND PRODUCTION, 1879 TO 1909, BY DIVISIONS AND STATES.

Table 62 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.			PRODUCTION (BUSHELS).			
	1909	1899	1909	1899	1889	1909	1899	1889	1879
<b>United States</b> .....	77,184	88,306	2,083,142	2,110,517	1,318,698	19,512,765	19,979,492	10,250,410	7,170,951
<b>GEOGRAPHIC DIVISIONS:</b>									
New England.....	6	14	7	5	26	200	46	70	450
Middle Atlantic.....	141	147	130	234	3,441	1,108	2,034	25,498	83,007
East North Central.....	2,123	2,724	10,390	15,803	31,372	127,870	185,625	270,062	4,374,695
West North Central.....	73,420	84,523	2,029,108	2,070,034	1,236,775	18,001,292	19,612,049	9,815,841	2,607,533
South Atlantic.....	22	45	19	17	311	216	116	1,052	6,563
East South Central.....	4	14	4	5	203	45	21	1,372	3,001
West South Central.....	40	179	1,414	3,050	74	12,165	21,158	806	233
Mountain.....	1,397	558	41,731	17,691	78,424	467,572	136,243	85,403	15,735
Pacific.....	10	102	279	3,069	5,082	2,287	22,200	50,286	79,714
<b>NEW ENGLAND:</b>									
Maine.....	1	12	(1)	2	24	0	16	46	68
New Hampshire.....	3		4			163			
Vermont.....	1		2		1	25		20	392
Massachusetts.....					1			4	
Rhode Island.....									
Connecticut.....	1	2	1	3		6	30		
<b>MIDDLE ATLANTIC:</b>									
New York.....	37	37	58	159	2,022	400	1,350	21,307	72,372
New Jersey.....	1		(1)		2	4		8	5,288
Pennsylvania.....	103	110	72	75	517	704	684	4,183	5,392
<b>EAST NORTH CENTRAL:</b>									
Ohio.....	120	413	552	3,092	20,553	4,809	29,821	145,557	592,217
Indiana.....	7	37	39	171	2,737	179	1,394	17,566	1,419,172
Illinois.....	19	42	115	394	4,072	1,156	4,336	35,013	1,812,438
Michigan.....	187	200	261	883	417	2,943	9,309	3,719	2,764
Wisconsin.....	1,700	1,972	9,423	11,293	5,073	118,793	140,705	68,227	547,104
<b>WEST NORTH CENTRAL:</b>									
Minnesota.....	23,010	31,647	358,420	566,801	303,635	3,277,238	5,895,479	2,721,987	68,689
Iowa.....	1,361	8,322	15,549	126,453	230,085	140,906	1,413,380	2,282,350	1,511,131
Missouri.....	1,144	5,730	20,630	100,952	50,421	154,532	611,888	450,831	379,535
North Dakota.....	30,632	17,447	1,008,040	773,999	43,724	10,245,684	7,706,610	164,319	226,757
South Dakota.....	14,614	10,810	518,506	302,010	354,951	4,760,794	2,452,528	1,801,114	(2)
Nebraska.....	125	245	2,934	7,652	103,900	20,647	54,394	1,401,104	77,805
Kansas.....	2,540	10,322	45,014	192,167	114,069	302,491	1,417,770	994,127	513,616
<b>SOUTH ATLANTIC:</b>									
Delaware.....									4
Maryland.....	1	5	1	3	1	4	50	2	34
District of Columbia.....									
Virginia.....	8	30	13	10	131	138	50	538	4,526
West Virginia.....	7	4	(1)	2	36	28	7	115	1,417
North Carolina.....	3	6	4	2	143	19	9	397	503
South Carolina.....	2		1			19			
Georgia.....	1		(1)			8			69
Florida.....									
<b>EAST SOUTH CENTRAL:</b>									
Kentucky.....	4	7	4	3	186	45	10	1,321	2,192
Tennessee.....		5		1	17		7	51	787
Alabama.....		2		1			4		52
Mississippi.....									
<b>WEST SOUTH CENTRAL:</b>									
Arkansas.....	1	6	(1)	40	2	2	408	12	160
Louisiana.....	2		312			2,215			
Oklahoma.....	42	163	1,036	43,544		9,093	420,110		
Texas.....	4	10	66	75	72	855	940	794	73
<b>MOUNTAIN:</b>									
Montana.....	1,208	7	37,647	16		447,484	220		
Idaho.....	2	535	81	17,239	8,002	668	134,180	83,409	14,901
Wyoming.....	65		1,110			5,953			
Colorado.....	118	14	2,887	434	422	18,462	1,820	1,994	
New Mexico.....	3	1	6	1		34	3		834
Arizona.....									
Utah.....	1	1	(1)	1		1	20		
Nevada.....									
<b>PACIFIC:</b>									
Washington.....	1	9	1	149	4,270	14	850	42,285	12,292
Oregon.....	7	78	38	2,016	563	391	8,740	3,871	21,742
California.....	8	15	240	904	240	1,882	12,610	4,130	45,770

1 Less than 1 acre.

2 Figures for Dakota Territory.

3 See North Dakota.

4 Includes Indian Territory.

# INDIVIDUAL CROPS.

FLAXSEED—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, 1899 TO 1909, AND AVERAGE YIELD PER ACRE, 1889 TO 1909, BY DIVISIONS AND STATES.

Table 63 DIVISION OR STATE.	FARMS REPORTING FLAXSEED.				PER CENT OF ALL IMPROVED LAND OCCUPIED.			AVERAGE YIELD PER ACRE (BUSHEL).			AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.		PER CENT DISTRIBUTION OF ACREAGE.		
	Per cent of all farms.		Average acres per farm.		1909	1899	1889	1909	1899	1889	1909	1899	1909	1899	1909	1899	1889
	1909	1899	1909	1899	1909	1899	1889	1909	1899	1889	1909	1899	1909	1899	1909	1899	1889
United States .....	1.2	1.5	27.0	23.9	0.4	0.5	0.4	9.4	9.5	7.8	\$1.48	\$0.98	\$13.91	\$9.30	100.0	100.0	100.0
<b>GEOGRAPHIC DIVISIONS:</b>																	
New England.....	(1)	(1)	1.2	0.4	(1)	(1)	(1)	28.6	9.2	2.7	0.76	0.85	21.71	7.80	(1)	(1)	(1)
Middle Atlantic.....	(1)	(1)	0.9	1.6	(1)	(1)	(1)	8.5	8.7	7.4	2.09	1.09	17.78	9.51	(1)	(1)	0.3
East North Central.....	0.2	0.2	4.9	5.8	(1)	(1)	(1)	12.3	11.7	7.9	1.41	1.01	17.41	11.92	0.5	0.7	2.6
West North Central.....	6.6	8.0	27.6	24.5	1.2	1.5	1.2	9.3	9.5	7.7	1.48	0.98	13.83	9.31	97.4	98.1	96.1
South Atlantic.....	(1)	(1)	0.9	0.4	(1)	(1)	(1)	11.4	6.8	3.4	1.35	0.94	15.32	6.41	(1)	(1)	(1)
East South Central.....	(1)	(1)	1.0	0.4	(1)	(1)	(1)	11.2	4.2	6.8	1.27	1.00	14.25	4.20	(1)	(1)	(1)
West South Central.....	(1)	(1)	23.9	20.4	(1)	(1)	(1)	8.6	5.8	10.9	1.47	0.83	12.62	4.81	0.1	0.2	(1)
Mountain.....	0.8	0.6	29.9	31.7	0.3	0.2	0.2	11.2	7.7	10.1	1.50	0.91	16.85	7.00	2.0	0.8	0.6
Pacific.....	(1)	0.1	17.4	30.1	(1)	(1)	(1)	8.2	7.2	9.9	1.67	0.90	13.66	6.48	(1)	0.1	0.4
<b>NEW ENGLAND:</b>																	
Maine.....	(1)	(1)	(2)	0.2	(1)	(1)	(1)	(2)	8.0	1.9	2.00	1.28	(2)	11.00	(1)	(1)	(1)
New Hampshire.....	(1)		1.3		(1)			40.8			0.53		21.75		(1)		
Vermont.....	(1)		2.0		(1)			12.5		20.0	1.52		19.00		(1)		(1)
Massachusetts.....							(1)			4.0							(1)
Rhode Island.....																	(1)
Connecticut.....	(1)	(1)	1.0	1.5	(1)	(1)		6.0	10.0		2.50	0.57	15.00	5.67	(1)	(1)	
<b>MIDDLE ATLANTIC:</b>																	
New York.....	(1)	(1)	1.6	4.3	(1)	(1)	(1)	6.9	8.5	7.3	2.09	1.10	14.43	9.34	(1)	(1)	0.2
New Jersey.....	(1)		(2)		(1)		(1)	(2)		4.0	1.00						(1)
Pennsylvania.....	(1)	(1)	0.7	0.7	(1)	(1)	(1)	9.8	9.1	8.1	2.09	1.08	20.43	9.88	(1)	(1)	(1)
<b>EAST NORTH CENTRAL:</b>																	
Ohio.....	(1)	0.1	4.6	7.5	(1)	(1)	0.1	8.7	9.6	7.1	1.31	0.97	11.43	9.36	(1)	0.1	1.6
Indiana.....	(1)	(1)	5.6	4.6	(1)	(1)	(1)	4.6	8.2	6.4	1.37	1.01	6.28	8.26	(1)	(1)	0.2
Illinois.....	(1)	(1)	6.1	9.4	(1)	(1)	(1)	10.1	11.0	7.5	1.34	1.09	13.46	11.94	(1)	(1)	0.4
Michigan.....	0.1	0.1	1.4	3.4	(1)	(1)	(1)	11.3	10.5	8.9	1.68	1.09	18.97	11.45	(1)	(1)	(1)
Wisconsin.....	1.0	1.2	5.3	5.7	0.1	0.1	0.1	12.6	12.5	11.4	1.41	1.02	17.81	12.72	0.5	0.5	0.6
<b>WEST NORTH CENTRAL:</b>																	
Minnesota.....	14.7	20.5	15.6	17.9	1.8	3.1	2.7	9.1	10.4	9.0	1.48	1.00	13.57	10.41	17.2	26.9	23.0
Iowa.....	0.6	3.6	11.4	15.2	0.1	0.4	0.9	9.1	11.2	9.9	1.30	0.98	11.74	10.91	0.7	6.0	17.4
Missouri.....	0.4	2.0	18.0	17.6	0.1	0.4	0.3	7.5	6.1	8.0	1.09	0.85	8.18	5.15	1.0	4.8	4.3
North Dakota.....	41.2	38.5	34.9	44.4	5.2	8.0	0.9	9.6	10.0	3.8	1.51	1.00	14.50	9.99	51.3	36.7	3.3
South Dakota.....	18.8	20.5	35.5	27.9	3.3	2.7	5.1	9.2	8.1	5.1	1.47	0.99	13.50	8.02	24.9	14.3	28.9
Nebraska.....	0.1	0.2	23.5	31.2	(1)	(1)	1.1	7.0	7.1	8.5	1.46	0.99	10.27	7.03	0.1	0.4	12.4
Kansas.....	1.4	6.0	17.7	18.6	0.2	0.8	0.5	6.7	7.4	8.7	1.08	0.89	7.27	6.57	2.2	9.1	8.7
<b>SOUTH ATLANTIC:</b>																	
Delaware.....																	
Maryland.....	(1)	(1)	1.0	0.6	(1)	(1)	(1)	4.0	16.7	2.0	1.25	0.82	5.00	13.67	(1)	(1)	(1)
District of Columbia.....																	
Virginia.....	(1)	(1)	1.6	0.3	(1)	(1)	(1)	10.6	5.0	4.1	1.17	1.04	12.46	5.20	(1)	(1)	(1)
West Virginia.....	(1)	(1)	(2)	0.5	(1)	(1)	(1)	(2)	3.5	3.2	1.96	1.00	(2)	3.50	(1)	(1)	(1)
North Carolina.....	(1)	(1)	1.3	0.3	(1)	(1)	(1)	4.8	4.5	2.8	2.11	1.00	10.00	4.50	(1)	(1)	(1)
South Carolina.....	(1)		0.5		(1)			19.0			1.00		19.00		(1)		
Georgia.....	(1)		(2)		(1)			(2)			1.25		(2)		(1)		
Florida.....																	
<b>EAST SOUTH CENTRAL:</b>																	
Kentucky.....	(1)	(1)	1.0	0.4	(1)	(1)	(1)	11.2	3.3	7.1	1.27	1.00	14.25	3.33	(1)	(1)	(1)
Tennessee.....		(1)		0.2		(1)	(1)		7.0	3.0		1.00		7.00		(1)	(1)
Alabama.....		(1)		0.5		(1)			4.0			1.00		4.00		(1)	
Mississippi.....																	
<b>WEST SOUTH CENTRAL:</b>																	
Arkansas.....	(1)	(1)	(2)	6.7	(1)	(1)	(1)	(2)	10.2	6.0	2.00	1.01	(2)	10.35	(1)	(1)	(1)
Louisiana.....	(1)		156.0		(1)			7.1			2.22		15.77		(1)		
Oklahoma.....	(1)	0.2	24.7	21.7	(1)	(1)		8.8	5.7		1.25	0.83	10.95	4.69	(1)	0.2	
Texas.....	(1)	(1)	16.5	7.5	(1)	(1)	(1)	13.0	8.5	11.0	1.85	0.88	23.94	7.48	(1)	(1)	(1)
<b>MOUNTAIN:</b>																	
Montana.....	4.6	0.1	31.2	2.3	1.0	(1)		11.9	13.8		1.51	1.22	17.98	16.75	1.8	(1)	
Idaho.....	(1)	3.1	40.5	32.2	(1)	1.2	1.3	7.5	7.8	10.4	1.51	0.91	11.31	7.06	(1)	0.8	0.6
Wyoming.....	0.6		17.1		0.1			5.4			1.31		7.08		0.1		
Colorado.....	0.3	0.1	24.5	31.0	0.1	(1)	(1)	4.7	4.2	4.7	1.30	1.02	6.06	4.26	0.1	(1)	(1)
New Mexico.....	(1)	(1)	2.0	1.0	(1)	(1)		5.7	3.0		1.09	1.00	6.17	3.00	(2)	(1)	
Arizona.....																	
Utah.....	(1)	(1)	(2)	1.0	(1)	(1)		(2)	20.0		4.00	2.00	(2)	40.00	(1)	(1)	
Nevada.....																	
<b>PACIFIC:</b>																	
Washington.....	(1)	(1)	1.0	16.6	(1)	(1)	0.2	14.0	5.7	9.9	1.43	0.90	20.00	5.15	(1)	(1)	0.3
Oregon.....	(1)	0.2	5.4	25.8	(1)	0.1	(1)	10.3	4.3	6.9	1.45	0.98	14.92	4.25	(1)	0.1	(1)
California.....	(1)	(1)	33.0	60.3	(1)	(1)	(1)	7.8	13.9	16.6	1.71	0.84	13.43	11.68	(1)	(1)	(1)

1 Less than one-tenth of 1 per cent.

2 Averages not shown because of small acreage.

**GRASS SEED AND FLOWER AND VEGETABLE SEEDS.**

The United States as a whole.—Table 64 presents statistics for all grass seed (including clover and alfalfa seed), clover seed separately, and for flower and vegetable seeds, by divisions and states, for 1909 and 1899, and Table 65 gives statistics for the different kinds of grass seed for 1909.

As already stated, the acreage from which grass seed and flower and vegetable seeds were raised has not been tabulated. In some cases this acreage was not reported, and in many other cases it would represent a duplication of the acreage reported for hay and forage, flowers and plants, and vegetables. The reported production of flower and vegetable seeds doubtless represents chiefly that of farms producing such seeds for sale, small quantities raised by farmers for their own use presumably being often, if not generally, omitted. Since statements of quantity for all classes of flower and vegetable seeds combined would obviously have no significance, only the total value of these

seeds is shown in Table 64. For the country as a whole the value in 1909 was \$1,411,000. The most important states in the production of such seeds in 1909 were California, Illinois, New York, and Ohio.

The production of all grass seed (including clover and alfalfa) increased from 4,865,000 bushels in 1899 to 6,671,000 in 1909, an increase of 37.1 per cent, and the value from \$8,228,000 to \$15,138,000, or 84 per cent. The production of clover seed, however, decreased from 1,349,000 bushels in 1899 to 1,026,000 in 1909, and the value of this seed increased at a lower rate than that for all grass and clover seed combined.

Of the total value of grass and clover seed reported in 1909, the value of clover seed constituted \$6,925,000; that of timothy, \$4,019,000; of alfalfa, \$2,052,000; of millet, \$492,000; and all other kinds, \$1,650,000. The East North Central division was the principal one in the production of clover seed; the West North Central in that of timothy and millet seed; and the Mountain in that of alfalfa seed.

## INDIVIDUAL CROPS.

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SEEDS—PRODUCTION AND VALUE OF GRASS SEED, AND VALUE OF FLOWER AND VEGETABLE SEEDS, BY DIVISIONS AND STATES: 1909 AND 1899.

Table 64 DIVISION OR STATE.	ALL GRASS SEED.				CLOVER SEED.				FLOWER AND VEGETABLE SEEDS.	
	Production.		Value.		Production.		Value.		Value.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States.....	6,671,348	4,865,078	\$15,137,683	\$8,228,417	1,025,816	1,349,209	\$6,925,122	\$5,359,578	\$1,411,013	\$826,019
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	5,451	2,168	10,269	6,097	500	644	2,966	3,687	45,096	91,173
Middle Atlantic.....	55,137	66,758	219,146	233,085	22,109	45,287	164,201	206,883	162,607	201,568
East North Central.....	2,157,957	1,696,878	6,320,653	4,651,031	746,820	1,065,326	5,021,888	4,181,717	357,032	157,963
West North Central.....	3,265,021	2,558,743	5,915,510	2,571,033	202,259	127,251	1,373,395	505,270	116,777	153,288
South Atlantic.....	78,352	46,513	198,638	122,422	17,365	21,524	115,078	94,782	18,839	29,356
East South Central.....	671,790	304,431	632,743	305,329	8,200	15,254	58,408	65,521	17,455	10,789
West South Central.....	50,624	26,076	223,441	19,845	2,118	695	11,375	3,045	34,104	15,183
Mountain.....	198,110	60,707	1,037,009	227,172	7,931	56,859	55,204	221,213	20,669	22,668
Pacific.....	179,906	42,744	580,274	92,403	18,514	16,369	122,607	77,460	638,384	144,011
<b>NEW ENGLAND:</b>										
Maine.....	527	936	1,544	3,810	132	519	568	2,956	950	3,082
New Hampshire.....	142	47	556	121	30	2	275	10	1,319	855
Vermont.....	601	108	1,538	296	8	3	51	10	2,670	463
Massachusetts.....	3,397	167	4,163	387	59	1	575	6	291	40,622
Rhode Island.....	19	536	39	1,235		101		605	2,564	1,900
Connecticut.....	765	314	2,429	248	271	18	1,497	100	37,302	44,181
<b>MIDDLE ATLANTIC:</b>										
New York.....	17,879	11,449	88,239	47,790	10,576	7,830	72,823	42,384	72,991	54,148
New Jersey.....	12,804	5,187	14,799	2,795	412	181	3,086	977	53,300	43,191
Pennsylvania.....	24,454	50,122	116,108	182,500	11,121	37,276	88,292	163,522	38,316	104,229
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	288,605	388,721	1,352,136	1,418,689	169,082	336,318	1,154,015	1,358,494	67,303	33,989
Indiana.....	105,488	525,145	785,041	1,820,149	108,359	472,282	713,950	1,764,003	8,414	8,502
Illinois.....	1,289,996	552,705	1,719,420	650,463	115,674	97,544	793,049	376,262	194,626	71,456
Michigan.....	151,567	88,541	964,655	315,000	138,289	67,993	940,448	290,781	44,106	28,706
Wisconsin.....	262,301	141,766	1,490,401	446,730	215,416	91,189	1,420,426	392,177	42,583	15,336
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	945,666	561,973	1,496,438	529,301	48,013	8,034	326,299	34,536	6,645	9,249
Iowa.....	1,118,044	1,292,072	1,721,289	1,215,763	36,201	15,114	275,842	69,640	4,853	6,044
Missouri.....	257,872	278,497	756,445	423,395	85,554	58,737	519,063	220,759	17,726	15,416
North Dakota.....	74,162	14,645	99,024	10,054	754		6,405		1,075	653
South Dakota.....	424,623	80,196	594,670	30,141	2,910	345	23,598	1,420	25,914	
Nebraska.....	120,423	49,972	451,347	69,782	13,204	8,156	108,163	37,322	39,737	77,496
Kansas.....	324,231	281,388	796,897	292,597	15,623	36,865	119,030	141,583	20,827	44,431
<b>SOUTH ATLANTIC:</b>										
Delaware.....	5,878	3,515	29,928	14,290	5,742	3,515	29,679	14,290	507	1,861
Maryland.....	16,080	11,100	72,785	46,780	8,909	10,484	65,427	45,761	8,792	7,183
District of Columbia.....										
Virginia.....	49,031	25,104	74,979	40,600	1,811	4,144	12,714	19,503	5,583	3,384
West Virginia.....	2,645	4,384	8,726	16,109	602	3,030	5,149	13,798	190	750
North Carolina.....	2,071	1,646	4,963	3,921	285	331	2,012	1,347	2,501	8,382
South Carolina.....	314	221	459	243	2	17	15	72	91	505
Georgia.....	2,197	506	2,508	442	14	3	82	11	975	3,669
Florida.....	1,136	37	4,290	37					200	3,622
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	612,406	278,680	538,219	198,798	3,953	7,707	26,252	30,933	15,658	8,668
Tennessee.....	58,486	84,366	92,386	104,477	4,022	7,414	31,121	34,145	1,568	458
Alabama.....	537	876	1,110	1,027	50	3	400	11	240	1,510
Mississippi.....	361	509	1,028	1,032	175	130	635	432	19	153
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	1,180	500	4,893	2,039	375	416	3,448	1,902	836	2,447
Louisiana.....	11,268	271	30,343	500	1,336	7	4,198	35	3,083	5,000
Oklahoma.....	25,825	14,813	149,070	13,332	407	1,178	3,729	1,728	7,253	4,835
Texas.....	21,351	20,492	39,135	13,974		94		380	22,932	2,901
<b>MOUNTAIN:</b>										
Montana.....	14,204	1,226	96,103	3,682	80	374	795	1,963	700	
Idaho.....	30,463	3,505	172,012	13,785	6,927	2,355	47,649	11,343	5,398	280
Wyoming.....	17,411	5,080	85,120	20,206	71	4,280	620	19,310	275	75
Colorado.....	51,208	13,635	162,822	53,295	284	12,623	2,309	52,830	13,395	11,113
New Mexico.....	9,092	45	46,935	320	13	45	40	320	151	
Arizona.....	22,598	1,762	156,840	6,958		1,697		6,918		
Utah.....	52,604	35,367	313,814	127,988	422	35,328	2,595	127,901	700	10,330
Nevada.....	530	157	3,263	938	134	157	1,196	938	10	900
<b>PACIFIC:</b>										
Washington.....	3,355	837	9,388	1,546	166	12	1,508	54	37,571	11,667
Oregon.....	151,016	26,385	364,852	21,460	18,038	1,948	118,276	9,856	6,689	10,448
California.....	25,535	15,522	206,034	69,397	310	14,409	2,823	67,550	594,724	121,896

1 Includes Indian Territory.

## GRASS SEED—FARMS REPORTING, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909.

DIVISION OR STATE.	CLOVER.			TIMOTHY.			ALFALFA.			MILLET.			ALL OTHER.	
	Farms reporting.	Production.	Value.	Farms reporting.	Production.	Value.	Farms reporting.	Production.	Value.	Farms reporting.	Production.	Value.	Production.	Value.
<b>United States.....</b>	<b>72,996</b>	<b>1,025,816</b>	<b>\$6,925,122</b>	<b>46,274</b>	<b>2,878,700</b>	<b>\$4,018,951</b>	<b>7,431</b>	<b>263,328</b>	<b>\$2,051,840</b>	<b>4,490</b>	<b>588,270</b>	<b>\$491,566</b>	<b>1,915,144</b>	<b>\$1,650,204</b>
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	66	500	2,966	242	1,715	3,868				11	3,014	2,925	222	510
Middle Atlantic.....	2,750	22,109	164,201	2,222	27,950	47,280	22	247	2,470	54	3,483	3,405	1,320	1,781
East North Central.....	53,023	746,820	5,021,888	9,689	345,471	558,557	49	1,058	5,105	214	35,215	26,282	1,029,393	708,821
West North Central.....	14,377	202,250	1,373,305	33,002	2,455,911	3,320,204	3,064	85,801	713,339	3,208	423,778	338,349	97,272	161,163
South Atlantic.....	1,333	17,305	115,078	600	13,028	21,456	1	2	20	57	2,293	2,943	45,064	59,141
East South Central.....	687	8,200	58,408	290	14,159	17,052	4	64	516	235	49,534	52,308	599,833	504,439
West South Central.....	99	2,118	11,875	17	1,407	2,345	838	15,194	147,685	300	29,106	32,800	11,649	29,146
Mountain.....	175	7,931	55,204	175	15,106	32,439	2,407	128,913	911,708	407	41,699	32,294	4,461	5,364
Pacific.....	486	18,514	122,607	37	3,334	6,090	446	32,049	270,988	4	88	170	125,921	179,819
<b>NEW ENGLAND:</b>														
Maine.....	32	132	568	74	360	900							35	70
New Hampshire.....	7	30	275	29	84	219				1	6	15	22	47
Vermont.....	4	8	51	92	572	1,429							21	58
Massachusetts.....	2	59	575	20	253	456				8	2,968	2,870	117	262
Rhode Island.....				2	17	33							2	6
Connecticut.....	21	271	1,497	25	420	825				2	40	40	25	67
<b>MIDDLE ATLANTIC:</b>														
New York.....	804	10,576	72,823	380	4,791	10,406	22	247	2,470	23	1,925	1,787	340	744
New Jersey.....	63	412	3,086	62	11,397	10,692				2	55	123	940	896
Pennsylvania.....	1,823	11,121	88,292	1,771	11,781	26,182				20	1,593	1,495	49	159
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	13,861	160,082	1,154,015	4,172	107,048	182,650	7	97	925	16	1,215	1,149	11,163	13,291
Indiana.....	8,331	108,359	713,950	620	30,028	46,484				66	15,222	8,795	11,879	15,812
Illinois.....	8,098	115,674	793,049	2,875	153,166	234,055	6	74	800	69	14,898	12,684	1,006,184	678,832
Michigan.....	10,587	138,289	940,448	233	10,682	19,466	21	203	1,747	40	2,226	2,208	167	786
Wisconsin.....	12,140	215,416	1,420,420	1,780	44,547	75,890	15	684	1,633	23	1,654	1,440		
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	3,342	48,013	320,299	10,282	876,467	1,150,126	10	16	228	277	20,371	18,856	809	929
Iowa.....	2,424	30,201	275,842	16,467	1,028,604	1,405,860	2	7	50	217	47,959	32,759	5,213	6,772
Missouri.....	6,351	85,554	519,063	2,276	116,808	176,221	2	6	37	274	31,105	27,217	24,399	33,907
North Dakota.....	24	754	6,405	437	30,020	47,085	5	53	473	244	29,403	27,084	13,932	17,077
South Dakota.....	194	2,910	23,593	2,591	371,950	492,466	254	4,557	37,511	280	32,752	25,715	12,454	15,285
Nebraska.....	947	13,204	108,163	548	15,244	28,516	1,488	31,408	271,535	517	57,936	45,030	2,631	3,166
Kansas.....	1,005	15,623	119,030	401	16,708	28,684	1,903	49,754	403,505	1,300	204,252	161,688	37,834	84,090
<b>SOUTH ATLANTIC:</b>														
Delaware.....	202	5,742	20,679	3	5	9				28	131	240		
Maryland.....	703	8,909	65,427	71	3,687	4,641				2	60	58	2,424	2,659
District of Columbia.....														
Virginia.....	174	1,811	12,714	252	8,551	13,919	1	2	20	17	1,234	1,498	37,433	46,828
West Virginia.....	65	602	5,140	201	993	2,252				1	2	5	1,048	1,320
North Carolina.....	95	285	2,012	65	247	454				3	118	98	1,421	2,399
South Carolina.....	2	2	15	5	54	100				3	139	135	119	200
Georgia.....	2	14	82							3	609	909	1,574	1,517
Florida.....				3	91	72							1,046	4,218
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	208	3,953	26,252	207	12,090	14,894	4	64	516	14	3,374	3,714	592,019	492,843
Tennessee.....	475	4,022	31,121	78	1,055	1,894				216	45,932	48,336	7,477	11,035
Alabama.....	1	50	400	2	36	80				4	168	138	283	492
Mississippi.....	3	175	635	3	72	184				1	60	120	54	89
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	54	375	3,448	1	2	3	2	24	240	2	248	281	531	921
Louisiana.....	23	1,330	4,198	2	39	86							9,893	26,659
Oklahoma.....	22	407	3,729	11	1,258	1,925	818	13,494	131,909	140	9,611	9,638	1,060	1,779
Texas.....				3	208	331	18	1,676	15,446	158	19,307	22,971	165	387
<b>MOUNTAIN:</b>														
Montana.....	7	80	795	28	2,656	5,038	192	10,879	88,375	15	889	1,495	200	400
Idaho.....	118	9,927	47,649	83	9,955	21,723	289	12,615	100,453	4	508	872	458	1,315
Wyoming.....	5	71	620	38	1,776	3,855	272	8,890	75,671	88	6,544	4,016	624	958
Colorado.....	15	284	2,309	11	378	878	396	18,040	137,212	240	29,439	10,988	3,067	2,435
New Mexico.....	1	13	40	3	47	137	101	4,958	41,523	48	4,071	5,233	3	2
Arizona.....				1	6	12	126	22,492	150,628	1	100	200		
Utah.....	27	422	2,595	9	113	366	1,015	51,812	310,109	2	148	490	109	254
Nevada.....	2	134	1,196	2	175	430	16	221	1,737					
<b>PACIFIC:</b>														
Washington.....	4	166	1,508	7	342	1,158	2	162	1,900				2,685	4,822
Oregon.....	472	18,938	118,276	26	2,635	4,467	97	8,096	68,265	4	88	170	122,159	173,674
California.....	10	310	2,823	4	357	1,065	347	23,791	200,823				1,077	1,823

MINOR SEEDS.

The United States as a whole.—Table 66 shows, for 1909, the acreage, quantity, and value of the minor seeds produced in the United States as a whole and in the states which lead in the production of each kind. Mustard seed is used mainly as a condiment and sunflower seed probably largely for poultry feed, but the other classes 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 various seeds, not only because farmers raising small quantities for their own use were not likely to report them but also because they were not listed by name on the census schedule. The reported acreage of all minor seeds in 1909 was only 81,308, and the total value \$769,000. Of the total acreage reported, 72,497 acres were devoted to sorghum cane seed. The quantity of sorghum cane seed reported was 834,000 bushels, valued at \$544,000. Kansas, Nebraska, Texas, and Oklahoma in the order named, led in production.

KIND OF SEED AND STATES REPORTING.	MINOR SEEDS.		
	Acreage.	Production (bushels).	Value.
Total.....	81,308		\$769,000
Sorghum cane seed, total.....	72,497	833,707	544,322
Colorado.....	704	9,147	5,799
Illinois.....	155	3,122	1,884
Kansas.....	53,706	656,522	404,329
Missouri.....	456	6,054	4,775
Nebraska.....	7,209	83,134	46,899
New Mexico.....	193	1,021	1,243
Oklahoma.....	4,250	30,435	23,079
Texas.....	5,483	38,683	50,255
All other states.....	341	5,589	6,054
Mustard seed, California.....	1,964	3,168,270	160,731
Sunflower seed, total.....	4,731	63,677	53,318
California.....	257	6,855	6,264
Illinois.....	3,969	49,004	44,539
Indiana.....	430	6,330	5,894
All other states.....	75	1,488	1,621
Hemp seed, Kentucky.....	563	5,416	20,097
Chufas seed, Georgia.....	481	12,531	28,194
Broom corn seed, total.....	1,071	6,833	14,752
Illinois.....	30	1,011	5,050
New Mexico.....	184	553	1,627
Texas.....	702	1,216	3,404
All other states.....	155	4,023	4,671
Tobacco seed, total.....	1	1,389	1,789
Pennsylvania.....	(*)	1,290	1,400
All other states.....	1	1,189	389
All other seeds.....	(*)		512

\* Expressed in pounds.      † Less than 1 acre.  
 ‡ Includes golden seal seed and anise seed.

HAY AND FORAGE.

The United States as a whole.—The statistics for hay and forage are given for the United States as a whole in Table 67.

	HAY AND FORAGE.			
	1909	1899	1889	1879
Number of farms reporting.....	3,403,206	3,583,747	.....	.....
Per cent of all farms.....	53.5	62.5	.....	.....
Acreage.....	72,280,776	61,691,069	52,948,797	30,631,054
Increase over preceding census.....	10,589,707	8,742,272	22,317,743	.....
Per cent of increase.....	17.2	16.5	72.9	.....
Acres per farm reporting.....	21.2	17.2	.....	.....
Per cent that acreage in hay and forage formed of—				
Total improved acreage.....	15.1	14.9	14.8	10.8
Total reported crop acreage.....	23.2	21.8	.....	.....
Production (tons).....	97,453,735	79,251,562	66,831,480	35,150,711
Increase over preceding census.....	18,202,173	12,420,082	31,680,769	7,834,663
Per cent of increase.....	23.0	18.6	90.1	28.7
Average yield per acre (tons).....	1.35	1.28	1.26	1.15
Value.....	\$824,004,877	\$484,254,703	.....	.....
Increase over preceding census.....	\$339,750,174	.....	.....	.....
Per cent of increase.....	70.2	.....	.....	.....
Average per ton.....	\$8.46	\$5.76	.....	.....
Average per acre.....	\$11.40	\$7.85	.....	.....
Per cent that value of hay and forage formed of total value of all crops.....	15.0	16.1	.....	.....

NOTE.—The production of hay and forage was 27,316,048 tons in 1869 and 19,083,896 tons in 1859.

The acreage of the group of crops classed as hay and forage was 72,280,776 in 1909, as compared with 61,691,069 in 1899, showing an increase of 10,589,707 acres, or 17.2 per cent. The acreage in 1909 was equal to 15.1 per cent of the total improved acreage and formed 23.2 per cent of the total known crop acreage, hay and forage being second only to corn in this respect. It should be noted, in considering the proportion which

the acreage of hay and forage bears to the total improved acreage, that considerable quantities of hay and forage, especially west of the Mississippi, are harvested from land, which has never been plowed, and some of which was no doubt returned as unimproved land.

The production of hay and forage in 1909 amounted to 97,454,000 tons, showing an increase of 23 per cent over that of 10 years earlier—79,252,000 tons. The average yield per acre in 1909, 1.35 tons, was somewhat higher than that in 1899, 1.28 tons, the year 1909 being a fairly good year for hay and forage, as the rainy summer in important states was favorable to these crops. The value of hay and forage in 1909 was \$824,005,000, or 15 per cent of the total value of all crops, the only crops having higher values being corn, valued at \$1,438,554,000, and cotton, including cotton seed, \$824,696,000. The value of hay and forage in 1899 was \$484,255,000, the increase during the decade amounting to \$339,750,000, or 70.2 per cent. The average value of hay and forage per ton rose from \$5.76 in 1899 to \$8.46 in 1909, and the average value per acre showed an even greater increase—from \$7.85 to \$11.40. The proportion of all farms that reported hay and forage declined from 62.5 per cent in 1899 to 53.5 per cent in 1909, while the average acreage per farm rose from 17.2 to 21.2 during the decade.

During the 30 years, 1879 to 1909, the acreage of hay and forage increased from 30,631,054 to 72,280,776, the acreage at the end of the period thus being nearly two and one-half times as great as that at the beginning; and the production increased at an even more

rapid rate, from 35,150,711 tons in 1879 to 97,453,735 tons in 1909—an increase of 177.2 per cent. More than one-half of the 30-year increase in the acreage as well as in the production of hay and forage occurred

during the first decade of the period, that is, between 1879 and 1889.

Table 68 shows statistics for the different kinds of hay and forage produced in 1909 and 1899.

**Table 68**

	Total.	Timothy alone. <sup>1</sup>	Timothy and clover mixed. <sup>1</sup>	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses. <sup>2</sup>	Wild, salt, or prairie grasses.	Grains out green.	Coarse forage.	Root forage.
<b>1909—Acreage</b> .....	72,280,776	14,686,393	19,542,382	2,443,263	4,767,146	1,117,769	4,218,957	17,186,522	4,324,878	4,034,432	19,034
Production..... tons.....	97,453,735	17,085,420	24,748,555	3,158,324	11,859,881	1,546,533	4,166,772	18,383,574	5,367,292	9,982,305	255,079
Average yield per acre..... tons.....	1.35	1.22	1.27	1.29	2.52	1.38	0.99	1.07	2.47	2.47	13.40
Value..... dollars.....	824,004,877	188,082,895	257,280,330	20,334,356	93,103,908	11,145,226	44,408,775	91,026,169	61,686,131	40,753,262	1,183,735
Average value per ton..... dollars.....	8.46	10.40	10.40	9.29	7.85	7.21	10.06	4.95	11.49	4.68	4.64
Farms reporting.....	3,403,206	1,024,670	1,184,826	202,892	283,012	204,167	300,808	539,717	418,056	464,108	9,392
<b>1899—Acreage</b> .....	61,691,069	.....	.....	4,103,968	2,094,011	1,743,887	31,301,674	15,456,777	3,883,530	3,107,222	.....
Production..... tons.....	79,251,562	.....	.....	5,167,188	5,220,671	2,850,959	35,624,376	17,284,858	4,964,657	8,138,853	.....
Average yield per acre..... tons.....	1.28	.....	.....	1.26	2.49	1.63	1.14	1.12	1.28	2.62	.....

<sup>1</sup> Included with "other tame or cultivated grasses" in 1899.

<sup>2</sup> In 1899 this included "timothy alone" and "timothy and clover mixed."

The most valuable factor in the hay and forage crop in 1909 was timothy and clover mixed, valued at \$257,280,000; followed by timothy alone, with a value of \$188,083,000; alfalfa, with \$93,104,000; and wild, salt, or prairie grasses, with \$91,026,000; the value of these four kinds comprising more than three-fourths of the total for hay and forage. The principal increase between 1899 and 1909 was reported in the production of alfalfa, while the production of clover showed a decline. Statistics were not shown in 1899 for timothy alone or for timothy and clover mixed, both of these crops being included under "other tame or cultivated grasses." When the same crops are included under this designation for 1909 the aggregate shows a considerable increase for the decade. Statistics for root forage in any census prior to 1909 were not shown.

**Divisions and states.**—Tables 69 to 72, inclusive, give, by divisions and states, information similar to that shown for the United States as a whole in Table 67. Table 73 gives, by divisions and states, information corresponding to that shown in Table 68.

Every geographic division in 1909 reported an acreage of hay and forage in excess of 2,000,000, the range being from 2,487,554 in the East South Central to 27,398,258 in the West North Central division. The four northern divisions contained about 75.4 per cent of the entire acreage of hay and forage, the share of the West (12.7 per cent) being somewhat greater than that of the South (11.9 per cent).

A comparison of the acreage of hay and forage with the total improved farm acreage in each division shows that in New England it comprised more than one-half (52.3 per cent); in the Mountain and the Middle Atlantic divisions somewhat less than one-third (31.2 and 29.1 per cent); in the Pacific about one-fifth (19.1 per cent); in each of the two North Central divisions, about one-sixth (16.6 and 16.7 per cent), while in each of the three southern divisions the acreage of hay and forage formed less than 6 per cent of the total improved land.

Of the individual states, Iowa and New York had the greatest acreage of hay and forage in 1909, 5,046,185

and 5,043,373, respectively, and 20 other states had acreages of more than 1,000,000 each. Of the 22 states, 16 were in the North, 3 in the South, and 3 in the West. The proportion that the acreage of hay and forage formed of the total improved acreage varied from 2.1 per cent in Georgia to 63.1 per cent in Vermont. Increases of over 1,000,000 acres between 1899 and 1909 in hay and forage were reported for Nebraska, North Dakota, and South Dakota, and every state in the South and in the West reported an increase, the decreases being largely confined to New England and the Middle Atlantic division. Indiana and Kansas were the only states in the North Central divisions that reported a smaller acreage of hay and forage in 1909 than in 1899. The distribution of the acreage of hay and forage in 1909 is shown graphically by the map on page 639.

Following is a list of the 10 leading states in the acreage of hay and forage in 1909 and 1899. The only state that dropped out of the list during the decade was Indiana, while South Dakota was included for the first time in the list for 1909.

Rank.	STATE.	Acres.	Rank.	STATE.	Acres.
<b>1909</b>			<b>1899</b>		
1	Iowa.....	5,046,185	1	New York.....	5,154,965
2	New York.....	5,043,373	2	Iowa.....	4,649,378
3	Nebraska.....	4,523,034	3	Kansas.....	4,337,342
4	Kansas.....	3,957,745	4	Missouri.....	3,481,506
5	Minnesota.....	3,646,072	5	Illinois.....	3,343,910
6	Missouri.....	3,028,348	6	Pennsylvania.....	3,269,441
7	South Dakota.....	3,235,650	7	Minnesota.....	3,157,680
8	Illinois.....	3,349,435	8	Ohio.....	3,015,261
9	Ohio.....	3,306,461	9	Nebraska.....	2,823,652
10	Pennsylvania.....	3,088,105	10	Indiana.....	2,442,414

The production of hay and forage in 1909 amounted to 36,326,000 tons in the West North Central, to 20,392,000 tons in the East North Central, and to 11,302,000 in the Middle Atlantic division, the smallest production, 2,566,000 tons, being reported for the East South Central division. The South reported an even smaller share of the production than of the acreage of hay and forage, because the yield per acre was lower in that section than elsewhere.

Between 1899 and 1909 the production of hay and forage increased in every state except 8, the greatest

increases being reported for Nebraska, Wisconsin, and Minnesota. The 10 leading states in the production of hay and forage in 1909 and 1899 are listed below.

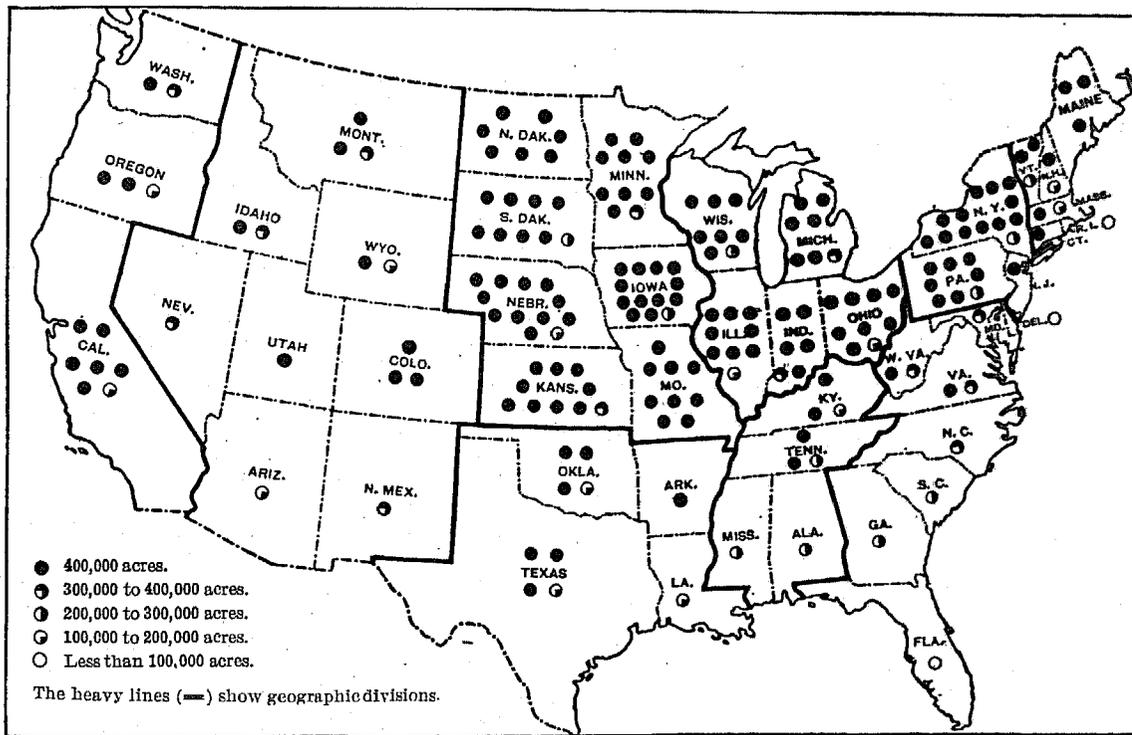
Rank.	STATE.	Production (tons).	Rank.	STATE.	Production (tons).
	1909			1899	
1	Iowa.....	7,823,181	1	Kansas.....	7,066,671
2	New York.....	7,055,429	2	Iowa.....	6,600,169
3	Minnesota.....	6,036,747	3	New York.....	6,319,475
4	Kansas.....	5,936,997	4	Minnesota.....	4,339,328
5	Nebraska.....	5,776,475	5	Missouri.....	4,062,199
6	Wisconsin.....	5,002,644	6	Illinois.....	3,948,563
7	Ohio.....	4,521,409	7	Pennsylvania.....	3,703,834
8	Illinois.....	4,354,466	8	Ohio.....	3,623,722
9	California.....	4,327,130	9	Nebraska.....	3,502,380
10	Missouri.....	4,091,342	10	Wisconsin.....	3,275,169

The value of hay and forage raised in 1909 was \$211,305,000 in the West North Central, \$184,708,000

in the East North Central, and \$130,612,000 in the Middle Atlantic division, while the East South Central division reported only \$29,645,000. Among the states the highest value of hay and forage in 1909 was reported for New York, \$77,361,000, and there were 26 other states reporting values of over \$10,000,000 each. The value of hay and forage increased between 1899 and 1909 in every division and every state.

The value of hay and forage per ton in 1909 showed considerable variations in different divisions. The lowest average was \$5.82, reported for the West North Central division, and the highest for the South Atlantic and New England divisions, \$12.97 and \$12.69. Such variations are rendered possible by the high relative cost of transporting hay.

HAY AND FORAGE—ACREAGE, BY STATES: 1909.



A comparison of the per cent distribution of the acreage of hay and forage by divisions in 1909 and 1879 shows that the New England, Middle Atlantic, and East North Central divisions lost in relative importance during the 30 years, while all of the other divisions gained during the same period. The same tendency is shown even more clearly by the percentages of production which are carried back 20 years further; while the proportion for New England dropped from 20.2 to 4.8 per cent during the period 1859-1909, and that for the Middle Atlantic from 33.2 to 11.6 per cent, the proportion for the West North Central division rose from 7.7 to 37.3 per cent, and that for the Mountain division from 0.1 to 8.8 per cent. The changes in the southern divisions were comparatively small, except in the case of the West South Central, whose share of the production of hay and forage rose from 0.4 per cent in 1859 to 3.5 per cent in 1909.

A study of the distribution of the different crops included under the term "hay and forage" shows that in 1909 the acreage of timothy alone and of timothy and clover mixed was concentrated largely in the East and West North Central and Middle Atlantic divisions, and that of clover was principally located in the two North Central divisions. Alfalfa had about an equal acreage in the West North Central and in the Mountain division, while more than one-half of the acreage of millet or Hungarian grass was in the West North Central division, and a large part of that of "other tame or cultivated grasses" was in New England and the Middle Atlantic division. The acreage of wild, salt, or prairie grasses was mostly in the West North Central division; while that of grains cut green was mostly in the Pacific and South Atlantic divisions. The acreage of coarse forage was mostly in the West North Central and the West South Central divisions.

HAY AND FORAGE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

DIVISION OR STATE.	ACREAGE.				PRODUCTION (TONS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States.....</b>	<b>72,280,776</b>	<b>61,691,069</b>	<b>10,589,707</b>	<b>17.2</b>	<b>97,453,735</b>	<b>79,251,562</b>	<b>18,202,173</b>	<b>23.0</b>	<b>\$824,004,877</b>	<b>\$484,254,703</b>	<b>\$339,750,174</b>	<b>70.2</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	3,797,598	4,050,025	-252,427	-6.2	4,659,906	4,576,865	83,041	1.8	59,112,700	43,062,239	15,450,461	35.4
Middle Atlantic.....	8,532,793	8,869,016	-336,223	-3.8	11,302,178	10,551,446	750,732	7.1	130,611,620	98,207,195	32,314,425	32.9
East North Central.....	14,750,878	13,528,065	1,222,813	9.0	20,391,562	16,462,276	3,929,286	23.9	184,707,528	115,904,044	68,803,484	59.4
West North Central.....	27,398,258	22,147,977	5,250,281	23.7	36,326,167	29,695,529	6,629,638	22.3	211,305,443	105,962,362	105,343,081	99.4
South Atlantic.....	2,856,398	2,161,201	695,197	32.2	2,917,870	2,194,115	723,755	33.0	37,836,676	28,926,431	8,910,245	30.8
East South Central.....	2,487,554	1,513,370	974,184	64.4	2,565,716	1,563,909	1,001,807	64.1	29,644,061	16,079,741	13,564,320	84.4
West South Central.....	3,276,291	2,370,292	905,999	38.2	3,383,010	3,519,416	-136,406	-3.9	29,783,321	14,583,492	15,199,829	104.2
Mountain.....	4,965,543	3,582,500	1,382,983	38.6	8,600,736	5,707,443	2,893,293	50.7	66,442,108	29,424,695	37,017,413	125.8
Pacific.....	4,215,463	3,468,563	746,900	21.5	7,306,590	4,979,563	2,327,027	46.7	74,560,820	31,414,504	43,146,316	137.3
<b>NEW ENGLAND:</b>												
Maine.....	1,255,011	1,270,254	-15,243	-1.2	1,113,095	1,133,932	-20,837	-1.8	15,115,821	10,641,540	4,474,275	42.0
New Hampshire.....	529,817	615,042	-85,225	-13.9	582,454	653,265	-70,811	-10.8	7,846,143	6,336,252	1,509,891	23.8
Vermont.....	1,030,618	1,006,375	24,243	2.4	1,502,730	1,329,972	172,758	13.0	16,335,530	10,544,825	5,790,705	54.9
Massachusetts.....	519,503	610,023	-90,520	-14.8	831,955	848,950	-16,995	-2.0	11,280,989	9,056,854	2,224,135	24.6
Rhode Island.....	61,327	69,776	-8,449	-12.1	80,306	75,410	4,896	6.5	1,309,717	1,081,482	228,235	21.1
Connecticut.....	401,322	478,555	-77,233	-16.1	549,366	535,336	14,030	2.6	7,224,500	6,001,280	1,223,220	20.4
<b>MIDDLE ATLANTIC:</b>												
New York.....	5,043,373	5,154,965	-111,592	-2.2	7,055,429	6,319,475	735,954	11.6	77,360,645	55,237,446	22,123,199	40.1
New Jersey.....	401,315	444,610	-43,295	-9.7	569,442	465,137	104,305	22.4	7,627,402	5,544,970	2,082,432	37.6
Pennsylvania.....	3,088,105	3,269,441	-181,336	-5.5	3,677,307	3,766,884	-89,577	-2.4	45,623,573	37,514,779	8,108,794	21.6
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	3,306,461	3,015,261	291,200	9.7	4,521,409	3,629,722	891,687	24.6	42,357,364	29,047,532	13,309,832	45.8
Indiana.....	2,300,579	2,442,414	-141,835	-5.8	2,880,104	2,905,608	-25,504	-0.9	24,883,461	20,227,107	4,656,264	23.0
Illinois.....	3,349,435	3,348,910	5,25	0.2	4,354,466	3,948,563	405,903	10.3	40,560,220	25,568,619	14,991,601	58.6
Michigan.....	2,715,301	2,328,498	386,803	16.6	3,632,939	2,703,214	929,725	34.4	36,040,087	21,792,987	14,247,100	65.4
Wisconsin.....	3,079,102	2,397,982	681,120	28.4	5,002,644	3,275,169	1,727,475	52.7	40,866,396	19,267,709	21,598,687	112.1
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	3,946,072	3,157,690	788,382	25.0	6,036,747	4,339,328	1,697,419	39.1	26,724,801	14,585,281	12,139,520	83.2
Iowa.....	5,046,185	4,649,378	396,807	8.5	7,823,181	6,600,109	1,223,072	18.5	59,360,225	30,042,246	29,317,979	97.6
Missouri.....	3,628,348	3,481,506	146,842	4.2	4,091,342	4,062,199	29,143	0.7	33,845,094	20,467,501	13,377,593	65.4
North Dakota.....	2,864,218	1,410,534	1,453,684	103.1	3,010,401	1,747,390	1,263,011	72.3	12,368,014	5,182,917	7,185,097	138.6
South Dakota.....	3,435,656	2,287,875	1,147,781	50.2	3,651,024	2,378,392	1,272,632	53.5	15,243,664	5,954,229	9,289,435	156.0
Nebraska.....	4,520,034	2,823,682	1,696,382	60.1	5,776,475	3,502,380	2,274,095	64.9	31,729,691	11,230,001	20,498,790	182.5
Kansas.....	3,957,745	4,337,342	-379,597	-8.8	5,936,997	7,066,671	-1,129,674	-16.0	32,033,654	18,499,287	13,534,367	73.2
<b>SOUTH ATLANTIC:</b>												
Delaware.....	80,669	74,800	5,869	7.8	103,575	79,303	24,272	30.6	1,174,473	989,848	184,625	18.7
Maryland.....	398,842	374,848	23,994	6.4	477,564	415,197	62,367	15.0	6,011,749	4,709,072	1,302,677	27.7
District of Columbia.....	962	1,228	-266	-21.7	2,148	2,241	-93	-4.1	25,633	22,772	2,861	12.6
Virginia.....	773,577	612,962	160,615	26.2	823,383	627,979	195,404	31.1	10,256,998	7,070,082	2,586,916	33.7
West Virginia.....	708,900	601,935	106,965	17.8	639,104	541,084	98,020	18.1	7,492,747	5,517,073	1,975,674	35.8
North Carolina.....	375,795	229,998	145,797	63.4	369,332	246,820	122,512	49.6	4,781,562	4,242,561	539,001	12.7
South Carolina.....	269,767	100,124	169,643	97.7	186,131	108,886	77,245	70.9	3,180,122	2,304,734	884,388	38.4
Georgia.....	253,157	137,312	115,845	84.4	261,333	150,224	111,109	74.0	4,056,907	3,084,992	1,021,915	33.7
Florida.....	54,729	21,994	32,735	148.8	55,300	22,351	32,949	147.1	847,485	435,297	412,188	94.7
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	966,377	683,139	283,238	41.5	957,241	655,066	302,175	46.1	10,306,344	6,100,647	4,205,697	68.9
Tennessee.....	1,032,816	645,617	407,199	63.1	1,077,836	679,450	398,386	58.6	12,617,538	6,811,577	5,805,961	85.2
Alabama.....	238,656	85,353	153,303	179.6	251,403	100,061	151,342	151.2	3,357,132	1,707,638	1,649,494	96.6
Mississippi.....	229,705	99,261	130,444	131.4	279,236	129,332	149,904	115.9	3,363,647	1,469,879	1,893,768	130.4
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	435,915	239,426	196,489	82.1	461,817	271,616	190,201	70.0	4,887,139	1,913,163	2,973,976	155.4
Louisiana.....	180,811	97,136	83,675	86.1	245,815	163,443	82,372	50.4	2,433,101	1,353,118	1,079,983	79.8
Oklahoma.....	1,347,598	1,095,706	251,892	23.0	1,417,533	1,617,905	-200,372	-12.4	9,638,648	4,022,761	5,615,887	139.6
Texas.....	1,311,967	938,024	373,943	39.9	1,257,845	1,466,452	-208,607	-14.2	12,824,433	7,294,450	5,529,983	75.8
<b>MOUNTAIN:</b>												
Montana.....	1,135,376	875,712	259,664	29.7	1,692,656	1,059,268	633,388	59.8	12,344,606	5,974,850	6,369,756	106.5
Idaho.....	732,886	513,656	219,230	42.7	1,584,365	899,125	685,240	76.2	12,099,963	4,238,993	7,860,970	185.4
Wyoming.....	585,386	380,769	204,617	53.7	853,515	462,101	391,414	84.7	6,077,354	2,332,028	3,745,326	160.6
Colorado.....	1,285,064	952,214	332,850	35.0	2,241,566	1,643,847	598,219	36.4	17,282,276	8,159,279	9,122,997	111.8
New Mexico.....	368,409	87,358	281,051	321.7	431,053	195,324	235,729	120.7	4,469,709	1,427,317	3,042,392	213.2
Arizona.....	102,490	92,674	9,816	10.6	259,750	177,504	82,246	46.3	2,583,228	1,362,112	1,191,116	87.4
Utah.....	405,394	388,043	17,351	4.5	1,015,913	850,962	164,951	19.4	7,429,901	3,862,820	3,567,081	92.3
Nevada.....	350,538	292,134	58,404	20.0	521,918	419,812	102,106	24.3	4,185,071	2,067,296	2,117,775	102.4
<b>PACIFIC:</b>												
Washington.....	742,137	497,139	244,998	49.3	1,391,664	826,897	564,767	68.3	17,147,048	5,831,088	11,316,960	194.1
Oregon.....	939,979	781,823	158,156	28.4	1,587,796	1,117,400	470,396	42.1	15,225,957	6,147,018	9,078,939	147.7
California.....	2,533,347	2,239,601	293,746	13.1	4,327,130	3,035,266	1,291,864	42.6	42,187,215	10,436,398	22,750,817	117.1

<sup>1</sup> Includes Indian Territory.

# INDIVIDUAL CROPS.

## HAY AND FORAGE—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1909.

[Where corn was produced for grain in 1899 the acreage and production of cornstalks were not included in hay and forage, but the value was included in the total value.]

Table 70 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (TONS).			
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879
United States.....	3,403,206	3,583,747	72,280,776	61,691,069	52,948,797	30,631,054	97,483,735	79,251,562	66,831,480	35,150,711
GEOGRAPHIC DIVISIONS:										
New England.....	177,167	184,203	3,797,598	4,050,025	4,180,355	4,254,246	4,659,906	4,576,865	4,565,014	4,079,545
Middle Atlantic.....	411,184	445,873	8,532,793	8,869,016	9,024,966	7,772,118	11,302,178	10,551,446	11,669,031	8,588,149
East and North Central.....	800,003	891,906	14,750,878	13,528,065	13,102,467	8,661,809	20,391,562	16,462,276	16,999,895	10,150,809
West North Central.....	848,427	707,385	27,398,258	22,147,977	19,118,001	6,820,057	30,320,107	29,006,529	24,010,830	9,031,669
South Atlantic.....	337,014	571,041	2,856,398	2,161,201	1,925,753	1,128,420	2,917,870	2,104,115	2,104,458	943,941
East South Central.....	284,491	316,605	2,487,554	1,513,370	1,339,410	514,137	2,565,716	1,563,909	1,422,770	423,675
West South Central.....	240,326	108,705	3,276,291	2,370,292	574,122	119,296	3,383,010	3,519,416	773,973	98,739
Mountain.....	112,974	72,616	4,965,543	3,582,560	1,490,075	370,022	8,000,736	5,707,443	2,039,239	418,050
Pacific.....	125,620	105,413	4,215,463	3,408,593	2,184,648	981,279	7,300,690	4,979,583	3,246,170	1,418,125
NEW ENGLAND:										
Maine.....	57,953	58,413	1,255,011	1,270,254	1,300,302	1,279,209	1,113,095	1,133,932	1,192,228	1,107,788
New Hampshire.....	25,712	28,731	529,817	615,042	652,722	674,440	582,454	653,265	659,368	588,170
Vermont.....	31,924	32,557	1,030,618	1,006,375	994,107	1,015,020	1,502,780	1,329,972	1,205,653	1,052,183
Massachusetts.....	33,569	34,278	519,593	610,023	627,385	639,498	831,055	848,650	793,167	684,679
Rhode Island.....	4,546	4,721	61,327	60,770	94,111	102,894	80,366	75,410	101,392	82,646
Connecticut.....	23,463	25,503	401,322	478,555	511,728	542,495	549,366	535,336	612,906	564,079
MIDDLE ATLANTIC:										
New York.....	195,654	210,527	5,043,373	5,154,965	5,243,010	4,644,452	7,055,429	6,319,475	6,675,658	5,255,642
New Jersey.....	23,837	27,040	401,315	444,610	453,267	412,757	509,442	465,137	661,791	518,990
Pennsylvania.....	191,693	207,706	3,088,105	3,269,441	3,323,689	2,714,900	3,677,307	3,766,834	4,331,582	2,811,517
EAST NORTH CENTRAL:										
Ohio.....	203,044	220,089	3,906,461	3,015,261	2,992,026	2,189,782	4,521,400	3,629,722	3,981,070	2,212,133
Indiana.....	148,400	167,072	2,300,570	2,442,414	2,330,504	1,274,364	2,880,104	2,905,608	2,741,045	1,361,083
Illinois.....	176,355	181,534	3,340,435	3,343,010	3,522,884	2,467,302	4,354,460	3,943,663	4,911,104	3,276,319
Michigan.....	170,656	171,692	2,715,301	2,328,498	2,024,736	1,245,441	3,682,639	2,703,214	2,385,155	1,393,845
Wisconsin.....	161,248	150,619	3,079,102	2,397,982	2,232,317	1,484,920	5,002,644	3,275,169	2,981,521	1,907,429
WEST NORTH CENTRAL:										
Minnesota.....	138,880	132,851	3,946,072	3,157,690	2,799,191	1,053,378	6,036,747	4,339,328	3,135,241	1,637,199
Iowa.....	180,098	187,122	5,046,185	4,040,378	5,238,918	2,490,027	7,823,181	6,600,169	7,264,700	3,613,941
Missouri.....	181,662	176,893	3,628,348	3,481,500	2,870,562	1,297,994	4,091,342	4,062,199	3,567,635	1,083,929
North Dakota.....	55,662	34,422	2,864,218	1,410,534	558,720	188,792	3,010,401	1,747,390	581,472	1,308,036
South Dakota.....	54,927	44,165	3,435,656	2,287,875	1,554,913	(?)	3,051,024	2,378,392	1,541,524	(?)
Nebraska.....	102,419	84,849	4,520,034	2,823,652	2,402,245	516,899	5,776,675	3,502,380	3,115,398	788,722
Kansas.....	134,179	137,083	3,957,745	4,337,342	3,723,452	1,281,997	5,930,997	7,066,671	4,854,990	1,601,932
SOUTH ATLANTIC:										
Delaware.....	6,928	7,717	80,609	74,800	76,199	42,688	163,575	79,303	105,231	49,632
Maryland.....	29,642	20,979	398,842	374,848	372,626	259,511	477,664	415,197	494,157	264,567
District of Columbia.....	86	125	962	1,228	1,561	2,361	2,148	2,241	1,868	3,769
Virginia.....	79,067	115,910	773,577	612,962	604,857	336,289	823,383	627,979	656,153	289,823
West Virginia.....	61,864	64,767	708,900	601,935	579,129	366,328	639,104	541,084	550,045	232,338
North Carolina.....	69,615	141,532	375,795	229,998	199,754	101,758	369,332	246,829	191,262	89,528
South Carolina.....	34,467	87,777	209,767	106,124	29,182	2,897	186,131	108,886	27,000	2,706
Georgia.....	45,460	107,648	253,157	137,312	63,834	10,318	261,333	150,224	69,769	14,409
Florida.....	9,885	15,586	54,729	21,994	7,661	330	55,800	22,381	8,373	179
EAST SOUTH CENTRAL:										
Kentucky.....	92,203	86,575	966,377	683,130	661,705	300,251	957,241	655,066	652,995	218,739
Tennessee.....	103,360	118,357	1,052,816	645,617	571,553	191,651	1,077,836	679,450	630,417	186,998
Alabama.....	44,243	68,661	238,656	85,353	39,993	12,916	251,493	100,061	54,304	10,544
Mississippi.....	44,085	43,612	229,705	90,261	66,159	9,319	279,236	129,332	85,054	7,694
WEST SOUTH CENTRAL:										
Arkansas.....	55,999	43,220	435,915	239,420	138,290	25,749	461,817	271,016	164,399	20,630
Louisiana.....	15,022	14,635	180,811	97,136	27,676	35,514	245,815	163,443	40,601	29,579
Oklahoma.....	64,487	45,479	1,347,598	1,065,706	30,733	.....	1,417,533	1,617,905	40,473	.....
Texas.....	110,908	95,371	1,311,967	938,024	377,523	58,033	1,257,845	1,466,452	528,500	48,530
MOUNTAIN:										
Montana.....	14,993	10,656	1,135,376	875,712	300,033	56,801	1,692,656	1,059,268	268,689	62,709
Idaho.....	20,733	13,798	732,886	513,656	190,501	34,399	1,584,365	899,125	269,104	40,053
Wyoming.....	6,990	4,141	585,386	380,760	173,010	24,828	853,515	462,101	147,963	23,516
Colorado.....	20,138	17,008	1,285,064	952,214	481,621	97,117	2,241,566	1,043,347	714,555	86,562
New Mexico.....	17,394	5,454	368,409	87,358	26,375	12,351	431,053	195,324	47,253	11,025
Arizona.....	3,738	2,639	102,400	9						

HAY AND FORAGE—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

[Where corn was produced for grain in 1899 the acreage and production of cornstalks were not included in hay and forage, but the value was included in the total value.]

Table 71 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1870	1869	1859
United States.....	100.0	100.0	100.0	100.0	.....	.....	.....	.....	100.0	100.0	100.0	100.0	100.0	100.0	.....	.....	.....	.....	.....	.....
GEOGRAPHIC DIVISIONS:																				
New England.....	5.3	6.6	7.9	13.9	6	4	4	4	4.8	5.8	6.8	11.6	14.5	20.2	6	6	4	4	3	3
Middle Atlantic.....	11.8	14.4	17.0	25.4	3	3	3	2	11.6	13.3	17.5	24.4	32.9	33.2	3	3	3	3	1	1
East North Central.....	20.4	21.9	24.7	28.3	2	2	2	1	20.9	20.8	25.4	28.9	31.8	29.3	2	2	2	1	2	2
West North Central.....	37.9	35.9	36.1	22.3	1	1	1	3	37.3	37.5	35.9	25.7	13.9	7.7	1	1	1	2	4	4
South Atlantic.....	4.0	3.5	3.6	3.7	8	8	6	5	3.0	2.8	3.1	2.7	2.8	5.3	8	8	6	6	5	5
East South Central.....	3.4	2.5	2.5	1.7	9	9	8	7	2.6	2.0	2.1	1.2	1.2	2.1	9	9	8	8	7	6
West South Central.....	4.5	3.8	1.1	0.4	7	7	9	9	3.5	4.4	1.2	0.3	0.1	0.4	7	7	9	9	9	8
Mountain.....	6.9	5.8	2.8	1.2	4	5	7	8	8.8	7.2	3.1	1.2	0.4	0.1	4	4	7	7	8	9
Pacific.....	5.8	5.6	4.1	3.2	5	6	5	6	7.5	6.3	4.9	4.0	2.4	1.7	5	5	5	5	6	7
NEW ENGLAND:																				
Maine.....	1.7	2.1	2.5	4.2	19	16	15	9	1.1	1.4	1.8	3.1	3.9	5.1	24	20	16	11	9	5
New Hampshire.....	0.7	1.0	1.2	2.2	30	25	18	15	0.6	0.8	1.0	1.7	2.3	3.4	32	29	20	17	13	11
Vermont.....	1.4	1.6	1.9	3.3	22	18	16	13	1.5	1.7	1.8	3.0	3.7	4.9	20	19	15	13	10	6
Massachusetts.....	0.7	1.0	1.2	2.1	31	27	19	16	0.9	1.1	1.2	1.9	2.2	3.5	29	25	17	16	14	10
Rhode Island.....	0.1	( <sup>1</sup> )	0.2	0.3	47	47	38	27	0.1	( <sup>1</sup> )	0.1	0.2	0.3	0.4	47	47	39	32	25	24
Connecticut.....	0.6	0.8	1.0	1.8	34	31	24	17	0.6	0.7	0.9	1.6	2.1	2.9	34	32	25	18	15	13
MIDDLE ATLANTIC:																				
New York.....	7.0	8.4	9.9	15.2	2	1	1	1	7.2	8.0	10.0	14.9	20.6	18.7	2	3	2	1	1	1
New Jersey.....	0.6	0.7	0.9	1.4	35	32	27	19	0.6	0.6	1.0	1.5	1.9	2.7	33	33	19	19	17	14
Pennsylvania.....	4.3	5.3	6.3	8.9	10	6	5	2	3.8	4.8	6.5	8.0	10.4	11.8	11	7	5	4	2	2
EAST NORTH CENTRAL:																				
Ohio.....	4.6	4.9	5.6	7.2	9	8	6	5	4.6	4.6	6.0	6.3	8.4	8.2	7	8	6	5	4	4
Indiana.....	3.2	4.0	4.4	4.2	15	10	10	10	3.0	3.7	4.1	3.9	3.9	3.3	15	12	11	10	8	12
Illinois.....	4.6	5.4	6.7	8.1	8	5	4	4	4.5	5.0	7.3	9.3	10.1	9.3	8	6	3	3	3	3
Michigan.....	3.8	3.8	3.8	4.1	13	12	12	11	3.7	3.4	3.6	4.0	4.7	4.0	13	13	12	9	6	9
Wisconsin.....	4.3	3.9	4.2	4.9	11	11	11	6	5.1	4.1	4.5	5.4	4.7	4.5	6	10	10	6	7	7
WEST NORTH CENTRAL:																				
Minnesota.....	5.5	5.1	5.1	3.4	5	7	8	12	6.2	5.5	4.7	4.7	2.6	0.9	3	4	8	7	11	24
Iowa.....	7.0	7.5	9.9	8.1	1	2	2	3	8.0	8.3	10.9	10.3	6.5	4.3	1	2	1	2	5	8
Missouri.....	5.0	5.6	5.4	4.2	6	4	7	7	4.2	5.1	5.3	3.1	2.3	2.1	10	5	7	12	12	16
North Dakota.....	4.0	2.3	1.1	20.6	12	15	23	25	3.1	2.2	0.8	30.9	20.1	( <sup>1,2</sup> )	14	15	27	20	35	41
South Dakota.....	4.8	3.7	2.9	( <sup>3</sup> )	7	13	13	( <sup>2</sup> )	3.7	3.0	2.3	( <sup>3</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	12	14	14	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Nebraska.....	6.3	4.6	4.6	1.7	3	9	9	18	5.9	4.4	4.7	2.2	0.6	0.1	5	9	9	15	23	32
Kansas.....	5.5	7.0	7.0	4.2	4	3	3	8	6.1	8.9	7.3	4.6	1.8	0.3	4	1	4	8	18	26
SOUTH ATLANTIC:																				
Delaware.....	0.1	0.1	0.1	0.1	46	46	39	35	0.1	0.1	0.2	0.1	0.2	0.2	46	46	38	34	28	29
Maryland.....	0.6	0.6	0.7	0.8	36	35	29	23	0.5	0.5	0.7	0.8	0.8	1.0	36	36	29	23	20	18
District of Columbia.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	49	49	49	46	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	49	49	40	45	45	38
Virginia.....	1.1	1.0	1.1	1.1	25	26	20	21	0.8	0.8	1.0	0.8	0.7	2.3	30	30	21	21	22	15
West Virginia.....	1.0	1.0	1.1	1.2	28	28	21	20	0.7	0.7	0.8	0.7	0.8	( <sup>4</sup> )	31	31	26	24	19	( <sup>5</sup> )
North Carolina.....	0.5	0.4	0.4	0.3	37	38	32	28	0.4	0.3	0.3	0.3	0.3	1.0	39	38	35	30	26	19
South Carolina.....	0.3	0.2	0.1	( <sup>1</sup> )	43	40	44	45	0.2	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.5	45	44	47	46	36	23
Georgia.....	0.4	0.2	0.1	0.1	40	39	41	40	0.3	0.2	0.1	( <sup>1</sup> )	( <sup>1</sup> )	0.2	41	42	41	40	38	28
Florida.....	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	48	48	48	47	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	48	48	48	47	47	35
EAST SOUTH CENTRAL:																				
Kentucky.....	1.3	1.1	1.2	1.0	23	23	17	22	1.0	0.8	1.0	0.6	0.8	0.8	27	28	22	25	21	21
Tennessee.....	1.5	1.0	1.1	0.6	21	24	22	24	1.1	0.9	0.9	0.5	0.4	0.8	25	27	24	28	24	23
Alabama.....	0.3	0.1	0.1	( <sup>1</sup> )	41	45	42	41	0.3	0.1	0.1	( <sup>1</sup> )	( <sup>1</sup> )	0.3	43	45	43	42	37	25
Mississippi.....	0.3	0.2	0.1	( <sup>1</sup> )	42	41	40	43	0.3	0.2	0.1	( <sup>1</sup> )	( <sup>1</sup> )	0.2	40	43	40	43	40	30
WEST SOUTH CENTRAL:																				
Arkansas.....	0.6	0.4	0.3	0.1	32	37	37	38	0.5	0.3	0.2	0.1	( <sup>1</sup> )	( <sup>1</sup> )	37	37	36	39	42	36
Louisiana.....	0.3	0.2	( <sup>4</sup> )	0.1	44	42	46	36	0.3	0.2	0.1	0.1	( <sup>1</sup> )	0.3	44	41	45	37	39	27
Oklahoma.....	1.9	1.8	0.1	.....	16	17	43	.....	1.5	2.0	0.1	.....	.....	.....	21	17	46	.....	.....	.....
Texas.....	1.8	1.5	0.7	0.2	17	20	28	32	1.3	1.9	0.8	0.1	0.1	0.1	23	18	28	35	33	34
MOUNTAIN:																				
Montana.....	1.6	1.4	0.6	0.2	20	21	30	33	1.7	1.3	0.4	0.2	0.1	.....	17	22	33	33	34	.....
Idaho.....	1.0	0.8	0.4	0.1	27	29	33	37	1.6	1.1	0.4	0.1	( <sup>1</sup> )	.....	19	23	32	36	41	.....
Wyoming.....	0.8	0.6	0.3	0.1	29	34	34	39	0.9	0.6	0.2	0.1	( <sup>1</sup> )	.....	28	34	37	38	44	.....
Colorado.....	1.8	1.5	0.9	0.3	18	19	25	29	2.3	2.1	1.1	0.2	0.1	.....	16	16	18	31	32	.....
New Mexico.....	0.5	0.1	( <sup>1</sup> )	( <sup>1</sup> )	38	44	47	42	0.4	0.3	0.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	38	39	44	41	43	40
Arizona.....	0.1	0.2	0.1	( <sup>1</sup> )	45	43	45	44	0.3	0.2	0.1	( <sup>1</sup> )	( <sup>1</sup> )	.....	42	40	42	44	46	.....
Utah.....	0.6	0.6	0.3	0.2	33	33	35	31	1.0	1.1	0.4	0.3	0.1	0.1	26	24	31	29	31	33
Nevada.....	0.5	0.5	0.3	0.2	39	36	36	30	0.5	0.5	0.3	0.3	0.1	( <sup>1</sup> )	35	35	34	28	29	39
PACIFIC:																				
Washington.....	1.0	0.8	0.5	0.2	26	30	31	34	1.4	1.1	0.6	0.3	0.1	( <sup>1</sup> )	22	26	30	27	30	37
Oregon.....	1.3	1.2	0.9	0.5	24	22	26	26	1.6	1.4	0.9	0.8	0.3	0.1	18	21	23	22	27	31
California.....	3.5	3.6	2.7	2.5	14	14	14	14	4.4	3.8	3.3	3.0	2.0	1.6	9	11	13	14	16	17

<sup>1</sup> Less than one-tenth of 1 per cent. <sup>2</sup> Includes South Dakota. <sup>3</sup> See North Dakota. <sup>4</sup> Includes West Virginia. <sup>5</sup> See Virginia. <sup>6</sup> Includes Indian Territory.

# INDIVIDUAL CROPS.

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## HAY AND FORAGE—PER CENT OF FARMS REPORTING, 1909 AND 1899, BY DIVISIONS AND STATES.

[Where corn was produced for grain in 1899 the acreage and production of cornstalks were not included in hay and forage, but the value was included in the total value.]

DIVISION OR STATE.	FARMS REPORTING HAY AND FORAGE.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (TONS).				AVERAGE VALUE PER TON.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms.		Average acres per farm.		1909		1899		1909		1899		1909	1899	1909	1899
	1909	1899	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899
<b>United States.....</b>	<b>53.5</b>	<b>62.5</b>	<b>21.2</b>	<b>17.2</b>	<b>15.1</b>	<b>14.9</b>	<b>14.8</b>	<b>10.8</b>	<b>1.35</b>	<b>1.28</b>	<b>1.26</b>	<b>1.15</b>	<b>\$8.46</b>	<b>\$5.76</b>	<b>\$11.40</b>	<b>\$7.85</b>
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	93.8	96.0	21.4	22.0	52.3	49.8	38.9	32.4	1.23	1.13	1.09	0.96	12.69	9.48	15.57	10.78
Middle Atlantic.....	87.8	91.8	20.8	19.9	29.1	28.8	28.6	23.4	1.32	1.19	1.29	1.10	11.56	8.97	15.31	11.08
East North Central.....	76.6	78.5	17.2	15.2	16.6	15.6	16.6	11.5	1.38	1.22	1.30	1.17	9.06	6.26	12.52	8.57
West North Central.....	76.4	75.2	32.3	27.8	16.7	16.3	18.1	11.1	1.33	1.34	1.26	1.32	5.82	3.48	7.71	4.78
South Atlantic.....	30.3	59.3	8.5	3.8	5.9	4.7	4.6	3.1	1.02	1.02	1.09	0.84	12.97	9.06	13.25	13.38
East South Central.....	27.3	35.0	8.7	4.8	5.7	3.8	3.7	1.7	1.03	1.03	1.06	0.82	11.55	8.39	11.92	10.63
West South Central.....	26.1	26.3	13.3	11.9	5.6	6.0	1.9	0.6	1.03	1.48	1.35	0.83	8.80	3.98	9.09	6.15
Mountain.....	61.6	71.7	44.0	49.3	31.2	42.6	27.5	16.7	1.73	1.59	1.36	1.13	7.73	5.15	13.28	8.21
Pacific.....	66.2	74.5	33.6	32.9	19.1	18.5	12.4	7.3	1.73	1.44	1.49	1.45	10.20	6.31	17.69	9.06
<b>NEW ENGLAND:</b>																
Maine.....	96.6	98.5	21.7	21.7	53.2	53.2	42.7	36.7	0.89	0.89	0.92	0.87	13.58	9.36	12.04	8.38
New Hampshire.....	95.0	98.0	20.6	21.4	57.0	57.1	37.8	29.2	1.10	1.06	1.01	0.87	13.47	9.67	14.81	10.30
Vermont.....	97.6	98.3	32.3	30.0	63.1	47.3	37.4	30.9	1.46	1.32	1.21	1.04	10.87	7.89	15.85	10.48
Massachusetts.....	90.9	90.9	15.5	17.8	44.6	47.2	37.9	30.0	1.60	1.39	1.26	1.07	13.56	10.57	21.71	14.85
Rhode Island.....	85.9	85.9	13.5	14.8	34.4	37.2	34.3	34.5	1.31	1.08	1.08	0.80	16.31	14.06	21.86	15.60
Connecticut.....	87.5	94.6	17.1	18.8	40.6	45.0	37.1	33.0	1.37	1.12	1.20	1.04	13.15	11.05	18.00	12.54
<b>MIDDLE ATLANTIC:</b>																
New York.....	90.8	92.9	25.8	24.5	34.0	33.0	32.0	26.2	1.40	1.23	1.27	1.13	10.96	8.65	15.24	10.72
New Jersey.....	71.2	79.8	16.8	16.1	22.3	22.5	22.9	19.7	1.42	1.05	1.44	1.26	13.39	10.22	19.01	12.47
Pennsylvania.....	87.4	92.6	16.1	15.7	24.4	24.8	25.2	20.2	1.19	1.15	1.30	1.04	12.41	9.33	14.77	11.47
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	74.6	79.5	16.3	13.7	17.2	15.7	16.3	12.1	1.37	1.20	1.33	1.01	9.37	6.93	12.81	9.63
Indiana.....	68.9	75.6	15.5	14.6	13.6	14.6	15.4	9.1	1.25	1.19	1.18	1.07	8.64	5.83	10.82	8.28
Illinois.....	70.0	68.7	19.0	18.4	11.9	12.1	13.7	9.4	1.30	1.18	1.39	1.33	9.31	6.01	12.11	7.65
Michigan.....	82.6	84.5	15.9	13.6	21.2	19.7	20.5	15.0	1.34	1.16	1.18	1.12	9.92	7.45	13.27	9.36
Wisconsin.....	91.0	88.9	19.1	15.9	25.9	21.3	22.8	16.2	1.62	1.37	1.34	1.28	8.17	5.25	13.27	8.03
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	89.0	85.9	28.4	23.8	20.1	17.1	24.3	14.5	1.53	1.37	1.16	1.55	4.43	3.31	6.77	4.62
Iowa.....	83.3	81.8	27.9	24.8	17.1	15.6	20.6	12.5	1.55	1.42	1.39	1.45	7.59	4.38	11.76	6.46
Missouri.....	65.5	62.1	20.0	19.7	14.8	15.2	14.5	7.8	1.13	1.17	1.24	0.84	8.27	4.73	9.23	5.88
North Dakota.....	74.9	75.9	51.5	41.0	14.0	14.6	12.0	16.4	1.05	1.24	0.95	1.63	4.11	2.96	4.32	3.67
South Dakota.....	70.7	83.9	62.5	51.8	21.7	20.3	22.3	( <sup>2</sup> )	1.06	1.04	0.99	( <sup>2</sup> )	4.18	2.50	4.44	2.60
Nebraska.....	79.0	69.8	44.1	33.3	18.5	15.3	16.1	9.4	1.28	1.24	1.27	1.52	5.49	3.19	7.02	3.98
Kansas.....	75.4	79.2	29.5	31.6	13.2	17.3	16.7	11.9	1.50	1.63	1.30	1.25	5.40	2.56	8.09	4.27
<b>SOUTH ATLANTIC:</b>																
Delaware.....	63.9	79.7	11.6	9.7	11.3	9.9	10.0	5.7	1.28	1.06	1.38	1.16	11.34	7.72	14.56	13.23
Maryland.....	60.6	65.2	13.5	12.5	11.9	10.7	10.9	7.8	1.20	1.11	1.33	1.02	12.59	9.29	15.07	12.56
District of Columbia.....	39.6	46.5	11.2	9.8	18.7	20.7	15.8	18.7	2.23	1.82	1.20	1.59	11.93	10.16	26.65	18.54
Virginia.....	43.0	69.0	9.8	5.3	7.8	6.1	6.6	4.0	1.06	1.02	1.08	0.85	12.46	8.13	13.26	12.51
West Virginia.....	64.0	69.7	11.5	9.3	12.8	10.9	12.7	9.7	0.90	0.90	0.95	0.63	11.72	8.56	10.57	9.17
North Carolina.....	27.4	63.0	5.4	1.6	4.3	2.8	2.4	1.6	0.98	1.07	1.00	0.88	12.95	9.87	12.72	13.45
South Carolina.....	19.5	56.5	6.1	1.2	3.4	1.8	0.6	0.1	0.89	1.03	0.93	0.95	17.13	10.81	15.20	21.72
Georgia.....	15.6	47.9	5.6	1.3	2.1	1.3	0.7	0.2	1.03	1.09	1.09	0.88	15.52	10.57	16.03	22.10
Florida.....	19.8	38.2	5.5	1.4	3.0	1.5	0.7	( <sup>3</sup> )	1.01	1.02	1.09	0.54	15.33	11.71	15.49	19.79
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	35.6	36.9	10.5	7.9	6.7	5.0	5.6	2.8	0.99	0.96	0.99	0.73	10.77	7.86	10.66	8.93
Tennessee.....	42.0	52.7	10.2	5.5	9.7	6.3	6.1	2.3	1.02	1.05	1.10	0.97	11.71	8.49	11.98	10.55
Alabama.....	16.8	30.8	5.4	1.2	2.5	1.0	0.5	0.2	1.05	1.17	1.36	0.82	13.35	9.88	14.07	20.01
Mississippi.....	16.3	19.5	5.1	2.3	2.5	1.3	1.0	0.2	1.22	1.30	1.29	0.83	12.05	8.87	14.64	14.71
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	26.0	24.2	7.8	5.5	5.4	3.4	2.5	0.7	1.06	1.13	1.19	0.80	10.58	6.63	11.21	7.99
Louisiana.....	12.5	12.6	12.0	6.6	3.4	2.1	0.7	1.3	1.36	1.68	1.47	0.83	9.90	5.44	13.46	13.93
Oklahoma.....	33.9	42.1	20.9	24.1	7.7	12.8	5.5		1.05	1.48	1.32		6.80	2.49	7.15	3.67
Texas.....	26.5	27.1	11.8	9.8	4.8	4.8	1.8	0.5	0.96	1.56	1.40	0.84	10.20	4.88	9.77	7.78
<b>MOUNTAIN:</b>																
Montana.....	57.2	79.7	75.7	82.2	31.2	50.4	32.8	21.6	1.49	1.21	0.90	1.10	7.29	5.64	10.87	6.82
Idaho.....	67.3	79.0	35.3	37.2	26.4	36.3	31.4	17.4	2.16	1.75	1.41	1.16	7.64	4.71	16.51	8.25
Wyoming.....	63.8	67.9	84.1	92.0	46.6	48.1	36.3	29.3	1.46	1.21	0.86	0.97	7.12	5.05	10.38	6.12
Colorado.....	63.1	68.9	44.1	56.0	29.9	41.9	26.4	15.8	1.74	1.73	1.48	0.89	7.71	4.95	13.45	8.57
New Mexico.....	48.8	44.3	21.2	16.0	25.1	26.7	10.0	5.2	1.17	2.24	1.79	0.89	10.37	7.26	12.13	16.34
Arizona.....	40.5	45.4	27.4	35.1	29.3	36.4	26.9	9.9	2.53	1.92	2.29	1.01	9.83	7.66	24.91	14.70
Utah.....	82.8	87.9	22.6	22.8	29.6	37.6	29.1	15.7	2.51	2.19	1.89	1.42	7.31	4.53	13.33	9.95
Nevada.....	77.4	86.0	168.4	155.6	46.6	51.0	19.4	21.8	1.49	1.44	1.61	1.28	8.02	4.92	11.94	7.08
<b>PACIFIC:</b>																
Washington.....	69.2	80.5	19.1	18.6	11.6	14.3	15.7	11.7	1.88	1.66	1.38	1.88	12.32	7.05	23.11	11.73
Oregon.....	72.4	81.7	28.5	25.0	22.0	22.0	13.3	7.0	1.69	1.53	1.35	1.60	9.59	5.50	18.20	8.40
California.....	61.0	68.1	47.1	45.3	22.2	18.7	11.7	7.1	1.71	1.36	1.55	1.38	9.75	6.40	16.65	8.68

<sup>1</sup> Includes South Dakota.

<sup>2</sup> See North Dakota.

<sup>3</sup> Less than one-tenth of 1 per cent.

<sup>4</sup> Includes Indian Territory.

HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH AVERAGES, FOR 1909, AND ACREAGE AND PRODUCTION, FOR 1899, BY CLASSES, AND BY DIVISIONS AND STATES.

**Table 73**

DIVISION OR STATE.	Total.	Timothy alone. <sup>1</sup>	Timothy and clover mixed. <sup>1</sup>	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt, or prairie grasses. <sup>2</sup>	Grains cut green.	Coarse forage.	Root forage.
<b>UNITED STATES</b>											
1909—Acres.....	72,280,776	14,080,303	19,542,392	2,443,203	4,707,146	1,117,769	4,218,967	17,186,522	4,324,878	4,034,432	19,034
Production..... tons	97,453,735	17,985,429	24,748,555	3,158,324	11,859,861	1,546,533	4,166,772	18,383,574	5,367,292	9,382,305	256,079
Average yield per acre..... tons	1.35	1.22	1.27	1.29	2.52	1.38	0.99	1.07	1.24	2.47	13.40
Value..... dollars	824,004,877	188,082,895	257,280,330	29,334,356	93,103,998	11,145,226	44,408,775	91,026,169	61,686,131	46,753,282	1,183,735
Average value per ton..... dollars	8.46	10.46	10.40	9.29	7.85	7.21	10.66	4.95	11.49	4.68	4.64
Farms reporting.....	3,403,206	1,024,670	1,184,820	262,892	283,012	204,167	300,813	539,717	418,056	484,108	9,392
1899—Acres.....	61,691,069	1,024,670	1,184,820	4,103,968	2,094,611	1,743,887	31,301,674	15,456,777	3,883,630	3,107,222	
Production..... tons	79,251,562			5,167,188	5,220,671	2,860,969	35,624,376	17,284,858	4,964,657	8,138,853	
Average yield per acre..... tons	1.28			1.26	2.49	1.63	1.14	1.12	1.28	2.62	
<b>GEOGRAPHIC DIVISIONS</b>											
<b>NEW ENGLAND.</b>											
1909—Acres.....	3,707,598	505,037	1,756,188	15,097	1,255	32,625	1,100,999	99,968	79,404	116,623	402
Production..... tons	4,659,006	604,711	1,816,002	21,687	2,031	60,889	874,904	93,037	168,781	953,094	4,690
Average yield per acre..... tons	1.23	1.12	1.03	1.44	1.62	1.87	0.79	0.93	2.13	8.17	11.64
Value..... dollars	59,112,700	10,825,372	27,568,306	310,633	32,388	717,707	12,458,480	908,568	1,760,502	4,470,805	50,839
Average value per ton..... dollars	12.69	16.20	15.18	14.32	15.95	11.70	14.24	9.77	10.43	4.70	10.86
Farms reporting.....	177,107	40,144	91,062	3,281	415	14,446	61,469	11,204	32,425	28,059	866
1899—Acres.....	4,050,025			18,081	408	19,185	3,744,163	84,426	79,894	103,288	
Production..... tons	4,576,865			25,461	497	33,308	3,654,344	81,437	139,995	641,733	
Average yield per acre..... tons	1.13			1.36	1.22	1.74	0.98	0.96	1.75	6.21	
<b>MIDDLE ATLANTIC.</b>											
1909—Acres.....	8,532,793	2,309,312	4,818,714	158,532	41,664	26,285	649,086	108,292	72,228	350,697	983
Production..... tons	11,302,178	2,505,856	5,282,363	198,435	99,447	43,743	539,995	121,861	144,301	2,356,548	9,629
Average yield per acre..... tons	1.32	1.09	1.10	1.25	2.39	1.66	0.83	1.13	2.00	6.72	9.80
Value..... dollars	130,611,620	36,108,784	70,607,441	2,525,626	1,379,501	480,214	6,071,788	1,007,898	1,421,504	9,072,404	76,370
Average value per ton..... dollars	11.50	14.41	13.38	12.73	13.87	10.98	12.91	8.27	10.85	4.23	7.83
Farms reporting.....	411,184	158,296	280,036	20,498	9,387	9,111	38,247	9,357	17,639	99,164	1,062
1899—Acres.....	8,869,016			454,473	5,828	23,569	7,044,010	68,238	112,703	259,505	
Production..... tons	10,551,446			504,004	13,279	38,205	8,534,928	89,344	164,054	1,207,622	
Average yield per acre..... tons	1.19			1.11	2.28	1.62	1.07	1.31	1.46	4.65	
<b>EAST NORTH CENTRAL.</b>											
1909—Acres.....	14,750,878	6,102,134	5,568,367	1,168,404	60,220	78,322	290,262	588,000	106,318	666,620	2,165
Production..... tons	20,391,562	7,778,001	7,462,015	1,504,748	226,396	110,372	287,310	732,294	233,027	2,039,858	15,972
Average yield per acre..... tons	1.38	1.26	1.35	1.29	3.61	1.41	0.99	1.25	2.15	3.06	7.38
Value..... dollars	184,707,528	80,078,923	72,708,010	12,091,871	2,521,433	831,441	2,091,931	4,064,752	1,751,136	7,531,639	106,367
Average value per ton..... dollars	9.08	10.30	9.75	8.63	11.14	7.53	7.18	5.55	7.50	3.69	6.66
Farms reporting.....	860,003	401,852	392,870	114,571	19,740	20,107	21,019	41,004	25,811	74,200	2,845
1899—Acres.....	13,528,065			2,185,259	14,480	150,538	6,640,460	825,538	349,444	347,346	
Production..... tons	16,462,276			2,730,098	10,080	240,260	11,238,621	980,808	450,665	783,938	
Average yield per acre..... tons	1.22			1.25	1.17	1.57	1.16	1.20	1.29	2.26	
<b>WEST NORTH CENTRAL.</b>											
1909—Acres.....	27,398,258	3,942,465	5,571,387	516,537	1,778,360	581,212	464,071	12,956,493	242,054	1,314,897	873
Production..... tons	36,320,167	5,119,161	7,881,490	742,494	3,867,357	912,073	574,030	14,060,555	297,056	2,864,151	6,900
Average yield per acre..... tons	1.33	1.30	1.41	1.39	2.17	1.57	1.24	1.09	1.23	2.18	7.90
Value..... dollars	211,305,443	38,427,562	50,135,440	5,001,624	27,081,229	4,740,480	2,001,808	60,250,725	1,023,619	11,196,351	46,666
Average value per ton..... dollars	5.82	7.51	7.50	7.54	7.00	5.19	5.06	4.29	6.48	3.91	6.78
Farms reporting.....	848,427	227,386	271,885	40,477	126,839	70,485	22,407	360,424	23,475	116,159	1,066
1899—Acres.....	22,147,977			808,323	401,070	1,139,093	6,566,377	11,326,486	423,619	1,484,103	
Production..... tons	29,690,520			1,143,360	910,144	1,982,588	8,314,710	12,064,701	693,884	3,678,136	
Average yield per acre..... tons	1.34			1.42	2.29	1.74	1.27	1.14	1.04	2.48	
<b>SOUTH ATLANTIC.</b>											
1909—Acres.....	2,850,398	650,159	917,313	148,312	8,710	30,423	390,176	104,800	506,161	100,141	203
Production..... tons	2,917,370	652,169	908,148	173,859	18,907	37,225	376,565	115,262	476,228	158,611	636
Average yield per acre..... tons	1.02	1.00	0.99	1.17	2.18	1.23	0.97	1.10	0.94	1.58	3.16
Value..... dollars	37,836,076	8,081,024	11,543,467	2,100,171	291,294	485,167	4,833,710	1,236,168	7,440,971	1,158,600	6,104
Average value per ton..... dollars	12.97	13.31	12.67	12.42	15.36	12.90	12.84	10.72	15.62	7.30	9.60
Farms reporting.....	337,014	93,305	81,007	33,093	2,302	9,718	57,214	21,693	98,483	19,120	94
1899—Acres.....	2,161,201			254,100	1,087	27,613	1,574,484	39,481	300,223	55,305	
Production..... tons	2,194,115			256,592	1,618	33,377	1,541,225	47,600	222,252	91,621	
Average yield per acre..... tons	1.02			1.01	1.49	1.21	0.98	1.20	1.06	1.65	
<b>EAST SOUTH CENTRAL.</b>											
1909—Acres.....	2,487,554	473,619	428,163	287,367	41,784	122,550	574,795	119,025	340,829	99,404	18
Production..... tons	2,565,716	490,259	448,294	302,158	74,194	120,780	543,859	127,459	332,368	117,284	64
Average yield per acre..... tons	1.03	1.04	1.05	1.05	1.78	1.06	0.95	1.07	0.98	1.19	3.56
Value..... dollars	29,644,061	5,585,515	5,242,061	3,501,421	973,044	1,444,818	6,311,859	1,342,428	4,373,118	870,631	374
Average value per ton..... dollars	11.56	11.39	11.69	11.59	13.11	11.13	11.61	10.53	13.16	7.42	5.84
Farms reporting.....	284,491	47,714	38,093	20,280	5,878	32,105	71,269	24,136	69,007	21,697	7
1899—Acres.....	1,513,370			209,776	1,833	144,000	697,000	28,470	300,223	74,009	
Production..... tons	1,563,909			271,800	2,773	154,040	682,277	28,001	324,999	100,319	
Average yield per acre..... tons	1.03			1.02	1.51	1.07	0.98	0.98	1.08	1.36	
<b>WEST SOUTH CENTRAL.</b>											
1909—Acres.....	3,276,291	48,779	79,774	28,853	290,157	183,046	239,018	1,044,778	305,297	1,030,550	33
Production..... tons	3,383,010	47,177	83,010	36,748	480,988	180,463	236,332	933,463	302,790	1,075,340	109
Average yield per acre..... tons	1.03	0.97	1.05	1.27	1.66	1.02	0.99	0.88	0.99	1.04	3.30
Value..... dollars	29,783,321	537,616	948,874	422,755	5,390,135	1,907,367	2,470,000	6,077,248	3,261,521	8,757,842	864
Average value per ton..... dollars	8.80	11.40	11.35	11.50	11.21	10.23	10.40	10.77	11.84	8.14	7.96
Farms reporting.....	246,326	5,518	7,073	3,406	24,510	33,094	15,903	44,896	46,671	112,780	16
1899—Acres.....	2,370,292			22,335	39,704	211,740	149,939	1,056,814	210,478	680,482	
Production..... tons	3,519,416			27,263	72,102	335,369	189,997	1,124,140	338,175	1,435,370	
Average yield per acre..... tons	1.48			1.22	1.82	1.58	1.27	1.06	1.61	2.11	
<b>MOUNTAIN.</b>											
1909—Acres.....	4,965,543	335,099	228,273	23,310	1,755,520	59,595	330,559	1,645,734	275,006	802,026	8,315
Production..... tons	8,600,736	497,325	410,078	51,283	4,717,754	60,089	405,415	1,639,130	383,633	273,086	101,623
Average yield per acre..... tons	1.73	1.48	1.80	2.23	2.69	1.01	1.21	1.00	1.39	0.99	12.22
Value..... dollars	60,442,108	4,759,483	3,091,680	383,874	35,403,233	491,230	3,478,692	12,127,436	3,732,631	1,892,142	481,793
Average value per ton..... dollars	7.39	9.57	8.80	7.50	8.17	7.40	7.47	7.40	9.73	6.91	1.67
Farms reporting.....	112,074	12,100	6,098	1,354	63,620	5,092	5,737	19,695	18,475	16,864	
1899—Acres.....	3,582,560			33,245	1,241,919	17,001	474,271	1,651,827	219,067	44,630	
Production..... tons	5,707,443			69,601	3,091,108	22,089	617,257	1,500,021	294,530	81,937	

HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH AVERAGES, FOR 1909, AND ACREAGE AND PRODUCTION, FOR 1899, BY CLASSES, AND BY DIVISIONS AND STATES—Continued.

Table 73—Continued.

DIVISION OR STATE.	Total.	Timothy alone. <sup>1</sup>	Timothy and clover mixed. <sup>1</sup>	Clover alone.	Alfalfa.	Millot or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt or prairie grasses. <sup>2</sup>	Grains cut green.	Coarse forage.	Root forage.	
<b>NEW ENGLAND</b>												
<b>MAINE.</b>												
1909—Acres.....	1,255,011	100,080	643,189	4,818	174	10,041	380,351	24,557	13,388	11,753	60	
Production..... tons.....	1,113,095	143,855	559,293	5,753	216	16,793	258,789	21,148	25,059	81,227	962	
Average yield per acre..... tons.....	0.89	0.87	0.87	1.19	1.24	1.68	0.68	0.86	1.87	6.91	16.03	
Value..... dollars.....	15,115,821	2,112,052	8,158,437	77,401	2,873	206,488	3,675,487	192,781	277,699	401,210	11,387	
Average value per ton..... dollars.....	13.58	14.08	14.59	13.45	13.30	12.30	14.20	9.12	11.08	4.94	11.84	
Farms reporting.....	57,953	9,621	33,112	952	51	4,895	19,507	2,857	7,095	5,101	232	
1899—Acres.....	1,270,254			6,781	93	4,676	1,214,124	17,874	14,212	12,494		
Production..... tons.....	1,133,932			8,963	108	7,754	1,027,258	16,061	20,967	52,831		
Average yield per acre..... tons.....	0.89			1.32	1.16	1.66	0.85	0.90	1.48	4.23		
<b>NEW HAMPSHIRE.</b>												
1909—Acres.....	529,817	84,155	210,196	2,420	47	5,429	180,611	21,536	12,702	12,700	21	
Production..... tons.....	582,454	83,412	203,106	3,292	97	9,251	131,621	18,106	24,748	108,453	368	
Average yield per acre..... tons.....	1.10	0.99	0.97	1.36	2.06	1.70	0.73	0.84	1.95	8.54	17.52	
Value..... dollars.....	7,849,143	1,441,229	3,204,686	49,201	1,387	119,672	1,978,044	180,510	276,900	530,260	4,254	
Average value per ton..... dollars.....	13.47	17.28	16.07	14.95	14.30	12.94	15.03	9.97	11.19	4.89	11.56	
Farms reporting.....	25,712	5,790	12,100	548	41	2,243	11,217	2,495	6,036	4,096	57	
1899—Acres.....	615,042			2,500	26	3,903	565,651	17,388	14,188	11,391		
Production..... tons.....	653,265			3,083	36	6,736	524,403	15,378	24,732	78,837		
Average yield per acre..... tons.....	1.06			1.23	1.38	1.73	0.93	0.88	1.74	6.92		
<b>VERMONT.</b>												
1909—Acres.....	1,030,618	102,422	567,016	4,136	252	6,074	197,149	13,951	24,177	55,805	76	
Production..... tons.....	1,502,730	179,847	628,098	6,040	515	13,667	160,014	13,052	47,621	452,461	815	
Average yield per acre..... tons.....	1.46	1.11	1.11	1.61	2.04	2.25	0.81	0.94	1.97	8.17	10.72	
Value..... dollars.....	16,335,530	2,557,309	8,910,372	89,449	8,147	136,939	1,967,799	124,887	499,536	2,034,634	7,358	
Average value per ton..... dollars.....	10.87	14.22	14.19	13.47	15.82	9.95	11,217	12.30	10.49	4.50	9.03	
Farms reporting.....	31,924	7,201	21,240	680	100	3,031	7,484	1,134	7,662	11,172	178	
1899—Acres.....	1,006,375			3,692	38	3,236	935,215	6,700	17,924	39,520		
Production..... tons.....	1,329,972			5,580	46	5,972	1,008,896	7,163	33,178	269,131		
Average yield per acre..... tons.....	1.32			1.51	1.18	1.82	1.08	1.07	1.85	6.88		
<b>MASSACHUSETTS.</b>												
1909—Acres.....	519,503	100,802	185,821	1,920	232	6,774	155,863	25,290	15,522	21,342	137	
Production..... tons.....	831,955	153,622	249,317	3,145	394	16,276	150,723	25,645	45,701	186,657	1,475	
Average yield per acre..... tons.....	1.60	1.44	1.34	1.64	1.70	2.26	0.97	1.01	2.94	8.75	10.77	
Value..... dollars.....	11,280,989	2,858,598	4,338,496	51,652	6,147	178,910	2,244,396	256,240	409,295	921,380	15,875	
Average value per ton..... dollars.....	13.56	18.61	17.40	16.42	15.90	11.71	14.89	9.99	8.96	4.94	10.70	
Farms reporting.....	33,569	9,945	14,302	4,065	96	3,081	10,678	2,976	6,368	4,652	197	
1899—Acres.....	610,023			4,065	96	5,327	529,671	28,518	18,711	23,635		
Production..... tons.....	848,950			5,004	102	9,001	594,677	28,322	35,740	174,904		
Average yield per acre..... tons.....	1.39			1.38	1.06	1.80	1.12	0.99	1.91	7.40		
<b>RHODE ISLAND.</b>												
1909—Acres.....	61,327	10,604	22,046	205	34	725	16,084	1,399	2,505	1,713	12	
Production..... tons.....	80,306	21,892	28,292	295	78	1,392	14,432	1,194	4,033	7,871	177	
Average yield per acre..... tons.....	1.31	1.32	1.28	1.44	2.29	1.92	0.90	0.85	1.85	4.59	14.75	
Value..... dollars.....	1,309,717	412,692	507,738	4,780	1,290	19,375	245,138	12,810	56,828	49,055	2,325	
Average value per ton..... dollars.....	16.31	18.85	17.95	16.22	16.54	13.92	16.79	10.73	12.20	6.23	13.14	
Farms reporting.....	4,546	1,421	1,917	60	11	315	1,435	226	925	440	13	
1899—Acres.....	99,779			612	2	847	60,420	1,242	3,870	2,783		
Production..... tons.....	75,410			932	2	1,484	58,031	1,216	6,063	7,742		
Average yield per acre..... tons.....	1.08			1.52	1.00	1.75	0.96	0.98	1.55	2.78		
<b>CONNECTICUT.</b>												
1909—Acres.....	401,322	58,974	127,920	1,598	510	2,982	171,141	13,235	11,110	13,750	96	
Production..... tons.....	549,396	82,083	147,890	2,602	731	4,510	159,365	13,892	21,019	116,425	833	
Average yield per acre..... tons.....	1.37	1.39	1.16	1.60	1.42	1.51	0.93	1.05	1.80	8.47	9.20	
Value..... dollars.....	7,234,500	1,443,492	2,398,007	38,144	12,544	57,283	2,849,616	141,730	240,604	542,750	9,640	
Average value per ton..... dollars.....	13.15	17.59	16.15	14.89	17.16	12.70	14.74	10.20	11.45	4.66	10.92	
Farms reporting.....	23,463	6,157	9,281	429	116	881	11,148	1,606	4,338	2,572	189	
1899—Acres.....	478,555			1,031	153	1,146	439,082	12,709	10,989	13,445		
Production..... tons.....	536,336			1,209	204	1,851	441,019	13,307	19,375	58,281		
Average yield per acre..... tons.....	1.12			1.26	1.33	1.62	1.00	1.05	1.76	4.33		
<b>MIDDLE ATLANTIC</b>												
<b>NEW YORK.</b>												
1909—Acres.....	5,043,873	1,078,358	2,935,470	87,267	35,343	17,163	519,940	62,577	47,474	259,118	663	
Production..... tons.....	7,085,429	1,169,083	3,215,021	114,864	87,042	31,147	412,479	63,034	89,294	1,876,795	6,670	
Average yield per acre..... tons.....	1.40	1.07	1.10	1.32	2.46	1.81	0.79	1.01	1.88	7.24	10.06	
Value..... dollars.....	77,360,645	16,944,241	42,530,142	1,413,693	1,182,246	333,704	5,494,699	612,353	897,458	7,898,063	54,046	
Average value per ton..... dollars.....	10.96	14.62	13.23	12.31	13.58	10.71	13.32	9.71	10.05	4.21	8.10	
Farms reporting.....	195,654	63,343	137,702	10,963	7,413	6,087	21,862	5,566	13,067	53,069	710	
1899—Acres.....	5,154,965			103,155	5,682	10,401	4,768,523	26,006	61,697	189,601		
Production..... tons.....	6,310,475			114,000	13,002	18,341	5,082,822	29,719	90,693	964,735		
Average yield per acre..... tons.....	1.23			1.11	2.33	1.76	0.97	1.14	1.57	5.09		
<b>NEW JERSEY.</b>												
1909—Acres.....	401,315	117,008	193,752	6,893	1,386	1,481	31,169	33,146	16,491	9,868	121	
Production..... tons.....	569,442	140,700	230,400	9,475	3,251	1,021	36,226	47,742	29,533	56,828	1,270	
Average yield per acre..... tons.....	1.42	1.25	1.20	1.37	2.35	1.30	1.16	1.44	1.79	5.78	10.55	
Value..... dollars.....	7,627,402	2,419,402	3,078,635	140,308	53,601	23,465	421,745	285,233	355,350	242,175	7,538	
Average value per ton..... dollars.....	13.30	16.49	15.55	14.81	16.49	13.21	11.64	5.97	12.03	4.26	5.91	
Farms reporting.....	23,837	9,730	15,245	1,110	349	369	2,423	1,772	1,871	1,318	86	
1899—Acres.....	444,610			57,635	104	4,613	312,961	38,302	6,277	24,628		
Production..... tons.....	465,137			53,273	205	6,331	278,496	55,422	9,540	61,871		
Average yield per acre..... tons.....	1.05			0.92	1.06	1.87	0.89	1.45	1.52	2.51		
<b>PENNSYLVANIA.</b>												
1909—Acres.....	3,088,105	1,110,946	1,699,492	64,372	4,935	7,641	97,977	12,569	8,263	81,711	199	
Production..... tons.....	3,677,307	1,200,073	1,830,852	74,096	9,154	10,675	91,290	11,085	25,474	422,925	1,683	
Average yield per acre..... tons.....	1.19	1.08	1.03	1.15	1.95	1.40	0.93	0.88	3.08	5.18	8.46	
Value..... dollars.....	45,623,573	16,745,141	24,453,714	971,625	143,654	123,045	1,055,344	110,312	168,696	1,832,256	14,786	
Average value per ton..... dollars.....	12.41	13.95	13.36	13.11	15.69	11.53	11.56	9.95	6.62	4.33	8.79	
Farms reporting.....	191,603	85,223	127,058	8,425	1,625	2,555	13,962	2,019	2,671	14,777	266	
1899—Acres.....	3,269,441			293,683	52	8,555	2,873,126	3,930	44,729	45,366		
Production..... tons.....	3,769,834			336,072	72	13,633	3,174,110	4,203	57,821	181,023		
Average yield per acre..... tons.....	1.15			1.14	1.38	1.58	1.10	1.07	1.29	3.99		

<sup>1</sup> Included with "other tame or cultivated grasses" in 1899.

<sup>2</sup> In 1899 this included timothy alone and timothy and clover mixed.

HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH AVERAGES, FOR 1909, AND ACREAGE AND PRODUCTION, FOR 1899, BY CLASSES, AND BY DIVISIONS AND STATES—Continued.

Table 73—Continued. DIVISION OR STATE.	Total.	Timothy alone. <sup>1</sup>	Timothy and clover mixed. <sup>1</sup>	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt, or prairie grasses. <sup>2</sup>	Grains cut green.	Coarse forage.	Root forage.
<b>EAST NORTH CENTRAL</b>											
<b>OHIO.</b>											
1909—Acres.....	3,306,461	1,887,900	1,016,066	181,048	29,439	8,005	53,005	2,471	5,437	121,067	153
Production..... tons.....	4,521,409	2,348,060	1,340,347	230,492	70,125	12,104	44,965	2,045	11,970	443,612	1,268
Average yield per acre..... tons.....	1.37	1.24	1.32	1.32	2.38	1.51	0.85	1.19	2.20	3.64	7.90
Value..... dollars.....	42,357,364	24,388,403	13,042,834	2,115,024	770,894	90,490	390,892	18,460	80,970	1,432,692	8,905
Average value per ton..... dollars.....	9.37	10.38	6.69	8.83	11.12	8.22	8.69	6.76	6.76	3.23	6.84
Farms reporting.....	203,044	140,080	82,766	20,229	2,422	4,177	2,253	1,133	1,104	40,039	73
1899—Acres.....	3,015,201	.....	.....	617,516	2,799	13,018	2,270,808	3,548	60,813	.....	.....
Production..... tons.....	3,620,722	.....	.....	773,857	3,041	10,552	2,627,980	3,563	77,749	123,068	.....
Average yield per acre..... tons.....	1.20	.....	.....	1.25	1.41	1.50	1.15	1.00	1.28	.....	.....
<b>INDIANA.</b>											
1909—Acres.....	2,300,570	1,200,380	426,370	271,607	17,898	10,313	54,106	60,859	47,567	202,292	51
Production..... tons.....	2,880,104	1,442,218	524,385	314,818	40,320	25,147	50,088	63,220	60,680	352,618	195
Average yield per acre..... tons.....	1.25	1.20	1.23	1.10	2.25	1.30	0.94	1.04	1.40	1.74	6.20
Value..... dollars.....	24,883,401	14,337,656	4,852,078	2,540,101	435,807	174,021	400,260	300,007	400,304	1,337,073	1,364
Average value per ton..... dollars.....	8.64	9.94	9.25	8.07	10.91	6.90	7.90	4.80	7.45	3.79	6.00
Farms reporting.....	148,400	97,100	34,774	25,049	4,115	4,759	5,235	2,489	7,342	19,838	28
1899—Acres.....	2,442,414	.....	.....	770,810	844	21,273	1,365,815	137,721	67,757	72,194	.....
Production..... tons.....	2,905,008	.....	.....	955,811	1,206	30,203	1,555,754	156,329	87,215	119,020	.....
Average yield per acre..... tons.....	1.10	.....	.....	1.23	1.50	1.42	1.14	1.14	1.20	.....	.....
<b>ILLINOIS.</b>											
1909—Acres.....	3,349,435	1,587,210	827,025	427,057	18,344	33,068	128,258	112,078	80,226	132,827	33
Production..... tons.....	4,354,406	1,947,572	1,123,254	530,700	52,284	48,018	122,888	128,531	99,828	293,108	200
Average yield per acre..... tons.....	1.30	1.23	1.30	1.26	2.85	1.38	0.90	1.14	1.24	2.21	8.38
Value..... dollars.....	40,590,220	20,028,040	11,177,121	4,000,006	585,476	346,100	742,037	801,138	832,087	1,205,227	2,130
Average value per ton..... dollars.....	9.31	10.28	9.95	8.03	11.40	7.38	6.94	6.93	6.84	4.42	7.45
Farms reporting.....	170,355	100,050	40,013	34,037	3,110	8,852	6,031	6,415	10,426	12,230	34
1899—Acres.....	3,343,910	.....	.....	302,044	9,290	65,025	2,444,208	198,809	142,248	121,626	.....
Production..... tons.....	3,948,563	.....	.....	438,887	9,572	111,170	2,702,540	227,528	182,337	216,517	.....
Average yield per acre..... tons.....	1.18	.....	.....	1.41	1.03	1.62	1.13	1.14	1.28	.....	.....
<b>MICHIGAN.</b>											
1909—Acres.....	2,716,301	749,503	1,025,220	168,180	6,553	11,088	11,820	33,345	19,415	80,338	70
Production..... tons.....	3,032,039	929,105	1,091,018	216,802	13,872	10,349	10,411	39,070	20,035	379,279	6,978
Average yield per acre..... tons.....	1.34	1.24	1.23	1.20	2.12	1.47	0.88	1.50	1.50	4.25	8.28
Value..... dollars.....	30,040,087	10,409,304	21,276,325	2,103,810	100,273	130,007	91,787	232,410	170,997	1,323,278	45,820
Average value per ton..... dollars.....	9.02	11.30	10.08	9.70	11.55	8.32	8.82	5.81	5.89	3.49	7.18
Farms reporting.....	170,956	58,731	110,320	18,987	1,450	3,087	1,236	3,800	3,688	13,004	1,132
1899—Acres.....	2,328,498	.....	.....	225,630	1,087	20,463	1,920,131	50,512	42,043	47,026	.....
Production..... tons.....	2,703,214	.....	.....	264,312	1,300	34,150	2,167,808	60,388	49,068	110,488	.....
Average yield per acre..... tons.....	1.16	.....	.....	1.17	1.26	1.29	1.13	1.17	1.17	2.48	.....
<b>WISCONSIN.</b>											
1909—Acres.....	3,079,102	707,012	1,612,171	110,522	17,080	5,048	43,013	378,413	13,673	120,190	1,108
Production..... tons.....	5,002,044	1,110,440	2,477,311	193,786	40,794	9,854	58,307	407,622	26,205	571,441	7,816
Average yield per acre..... tons.....	1.62	1.56	1.54	1.02	2.77	1.90	1.30	1.32	1.92	4.75	6.00
Value..... dollars.....	40,800,390	10,824,854	22,418,758	1,572,231	561,083	74,014	436,355	2,016,744	160,877	2,143,489	48,194
Average value per ton..... dollars.....	8.17	9.75	9.05	8.11	11.20	7.00	7.48	5.26	6.48	3.76	6.18
Farms reporting.....	161,248	50,831	109,100	15,200	4,108	2,087	3,740	27,048	3,227	17,964	1,378
1899—Acres.....	2,397,982	.....	.....	203,253	400	30,129	1,030,348	425,948	35,983	65,361	.....
Production..... tons.....	3,276,109	.....	.....	303,231	838	51,170	2,124,514	533,000	53,671	208,845	.....
Average yield per acre..... tons.....	1.37	.....	.....	1.40	1.82	1.70	1.30	1.25	1.40	3.17	.....
<b>WEST NORTH CENTRAL</b>											
<b>MINNESOTA.</b>											
1909—Acres.....	3,946,072	780,375	820,000	57,358	2,288	27,136	118,403	1,088,064	10,081	121,019	553
Production..... tons.....	6,036,747	1,101,510	1,433,073	100,334	6,314	50,383	188,371	2,714,121	31,000	401,614	3,965
Average yield per acre..... tons.....	1.53	1.41	1.73	1.85	2.76	1.86	1.59	1.36	1.55	3.30	7.11
Value..... dollars.....	20,724,801	5,018,190	7,015,050	572,700	44,540	231,527	793,100	0,009,031	143,120	1,471,445	30,315
Average value per ton..... dollars.....	4.43	5.37	5.52	5.30	7.65	4.00	4.21	3.54	4.61	3.66	7.55
Farms reporting.....	138,880	45,100	54,047	0,840	568	3,020	6,486	84,552	2,776	15,905	399
1899—Acres.....	3,157,690	.....	.....	74,690	658	58,339	754,240	2,100,023	20,304	46,851	.....
Production..... tons.....	4,330,328	.....	.....	128,707	1,781	93,954	1,114,450	2,842,234	45,033	112,600	.....
Average yield per acre..... tons.....	1.37	.....	.....	1.72	2.71	1.61	1.48	1.20	1.73	2.40	.....
<b>IOWA.</b>											
1909—Acres.....	5,040,185	1,312,422	2,445,836	125,751	20,143	31,547	61,257	845,054	17,131	177,113	21
Production..... tons.....	7,823,181	1,952,056	3,732,189	105,679	84,569	54,346	84,361	1,178,000	30,694	510,184	406
Average yield per acre..... tons.....	1.55	1.49	1.53	1.56	2.00	1.72	1.38	1.39	1.79	2.88	13.10
Value..... dollars.....	59,360,225	10,307,550	30,380,941	1,523,000	718,271	330,320	517,181	0,013,710	192,043	2,404,206	2,068
Average value per ton..... dollars.....	7.59	8.35	8.14	7.70	8.40	6.24	6.13	5.87	6.31	4.33	5.09
Farms reporting.....	180,698	65,370	103,805	8,851	4,301	5,087	3,315	40,131	2,130	17,852	12
1899—Acres.....	4,640,378	.....	.....	148,720	2,208	161,777	2,838,005	1,233,135	80,944	178,409	.....
Production..... tons.....	6,000,160	.....	.....	220,326	0,252	321,732	3,823,133	1,038,182	156,001	425,488	.....
Average yield per acre..... tons.....	1.42	.....	.....	1.54	2.74	1.90	1.35	1.33	1.79	2.38	.....
<b>MISSOURI.</b>											
1909—Acres.....	3,628,348	1,200,890	1,504,055	269,622	35,478	115,907	52,090	142,022	80,315	164,484	28
Production..... tons.....	4,091,342	1,334,556	1,630,211	309,209	96,105	141,626	48,794	102,000	94,296	274,308	198
Average yield per acre..... tons.....	1.13	1.09	1.08	1.18	2.71	1.22	0.93	1.13	1.09	1.67	8.61
Value..... dollars.....	33,845,004	11,807,264	13,950,872	2,033,224	973,031	1,014,202	413,104	1,027,007	879,071	1,044,094	1,085
Average value per ton..... dollars.....	8.27	8.91	8.52	8.52	10.13	7.16	8.47	6.34	6.34	3.81	8.51
Farms reporting.....	181,602	83,003	71,647	25,510	5,879	19,577	4,404	0,871	11,174	18,753	23
1899—Acres.....	3,481,506	.....	.....	377,228	2,239	160,709	2,563,305	167,950	124,515	70,491	.....
Production..... tons.....	4,002,199	.....	.....	403,364	5,409	230,995	2,820,485	190,288	151,067	154,691	.....
Average yield per acre..... tons.....	1.17	.....	.....	1.31	2.42	1.30	1.10	1.18	1.22	1.95	.....
<b>NORTH DAKOTA.</b>											
1909—Acres.....	2,804,218	133,680	34,008	1,172	3,033	88,031	70,757	2,303,094	45,628	43,232	17
Production..... tons.....	3,010,401	197,047	39,724	1,480	5,038	140,429	74,102	2,372,018	61,507	107,924	196
Average yield per acre..... tons.....	1.05	1.08	1.17	1.80	1.86	1.60	1.05	0.99	1.35	2.50	7.41
Value..... dollars.....	12,308,014	1,040,470	202,325	7,765	30,050	708,173	340,313	0,213,861	202,930	458,667	1,460
Average value per ton..... dollars.....	4.11	5.20	5.00	5.60	6.30	5.14	4.50	3.88	4.76	4.25	11.59
Farms reporting.....	55,602	0,930	972	116	407	7,102	2,000	48,805	2,910	3,324	15
1899—Acres.....	1,410,534	.....	.....	201	384	85,955	38,005	1,248,250	21,782	16,117	.....
Production..... tons.....	1,747,390	.....	.....	349	470	112,538	38,471	1,536,951	30,486	28,116	.....
Average yield per acre..... tons.....	1.24	.....	.....	1.20	1.43	1.31	1.01	1.23	1.40	1.74	.....
<b>SOUTH DAKOTA.</b>											
1909—Acres.....	3,435,656	178,881	120,095	2,603							

INDIVIDUAL CROPS.

HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH AVERAGES, FOR 1909, AND ACREAGE AND PRODUCTION, FOR 1899, BY CLASSES, AND BY DIVISIONS AND STATES—Continued.

Table 73—Continued. DIVISION OR STATE.		Total.	Timothy alone. <sup>1</sup>	Timothy and clover mixed. <sup>1</sup>	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt, or prairie grasses. <sup>2</sup>	Grains cut green.	Coarse forage.	Root forage.
<b>WEST NORTH CENTRAL—Contd.</b>												
<b>NEBRASKA.</b>												
1909—Acres		4,520,034	99,416	318,000	30,948	685,282	101,958	72,685	3,063,319	26,138	122,115	173
Production	tons	5,776,475	138,729	470,764	46,648	1,522,136	160,684	82,272	3,097,822	26,382	229,219	1,819
Average yield per acre	tons	1.28	1.40	1.48	1.51	2.22	1.58	1.13	1.01	1.01	1.88	10.51
Value	dollars	31,729,601	974,217	3,121,666	317,293	10,743,813	800,801	406,145	14,245,623	138,000	973,160	8,973
Average value per ton	dollars	5.49	7.02	6.03	6.80	7.06	4.98	4.94	4.60	5.23	4.25	4.93
Farms reporting		102,419	8,953	19,274	2,637	49,985	14,304	2,232	61,090	1,582	10,185	29
1899—Acres		2,823,652				115,142	191,347	92,895	2,248,927	42,096	90,828	
Production	tons	3,502,380				72,747	275,334	357,556	2,416,468	54,269	183,977	
Average yield per acre	tons	1.24			1.71	2.39	1.87	1.54	1.07	1.29	2.02	
<b>KANSAS.</b>												
1909—Acres		3,957,745	126,789	309,833	65,993	956,962	180,108	36,439	1,608,264	19,442	653,867	48
Production	tons	6,936,907	144,536	357,159	79,144	1,998,689	290,661	40,535	1,737,632	25,091	1,263,231	319
Average yield per acre	tons	1.50	1.14	1.15	1.20	2.09	1.61	1.11	1.08	1.29	1.93	6.65
Value	dollars	32,033,954	1,039,499	2,368,942	522,606	13,644,988	1,292,843	201,423	8,427,086	122,588	4,412,344	1,645
Average value per ton	dollars	5.40	7.19	6.93	6.00	6.83	4.45	4.97	4.85	4.89	3.39	5.16
Farms reporting		134,179	9,049	15,915	5,366	61,211	24,496	1,963	64,855	1,694	47,900	10
1899—Acres		4,337,342				160,395	287,376	349,906	258,108	2,165,174	94,936	
Production	tons	7,060,671				214,199	601,624	670,770	337,536	2,291,173	223,048	
Average yield per acre	tons	1.63			1.34	2.25	1.92	1.31	1.06	1.25	2.62	
<b>SOUTH ATLANTIC.</b>												
<b>DELAWARE.</b>												
1909—Acres		80,669	17,676	26,776	18,240	205	746	1,182	10,397	4,566	869	12
Production	tons	103,575	22,588	31,387	27,467	580	1,081	1,695	8,740	5,690	4,209	138
Average yield per acre	tons	1.28	1.28	1.17	1.51	2.83	1.45	1.43	0.84	1.25	4.84	11.50
Value	dollars	1,174,473	335,430	430,757	269,168	7,927	10,625	14,319	36,021	52,512	16,856	858
Average value per ton	dollars	11.34	14.85	13.72	9.80	13.67	9.83	8.45	4.12	9.23	4.00	6.22
Farms reporting		6,928	1,497	2,103	3,240	70	256	171	360	1,043	91	8
1899—Acres		74,800				26,508	173	624	36,196	5,666	3,968	
Production	tons	79,303				24,346	211	913	37,846	8,692	3,692	
Average yield per acre	tons	1.06			0.92	1.22	1.46	1.05	1.54	1.44	1.17	
<b>MARYLAND.</b>												
1909—Acres		398,842	135,941	200,823	20,545	3,188	2,122	5,873	4,169	8,846	11,827	8
Production	tons	477,564	159,890	215,052	32,942	6,806	2,819	5,856	5,081	12,213	37,632	68
Average yield per acre	tons	1.20	1.17	1.07	1.24	2.13	1.33	1.00	1.22	1.38	3.27	8.50
Value	dollars	6,011,749	2,308,448	2,835,980	357,922	104,633	31,887	69,734	37,323	114,882	150,814	626
Average value per ton	dollars	12.59	14.46	13.19	10.87	15.37	11.13	11.91	7.35	9.40	4.07	9.21
Farms reporting		29,642	11,737	15,099	4,113	789	711	851	504	2,188	1,251	9
1899—Acres		374,848				67,375	144	1,743	289,849	4,324	3,894	
Production	tons	415,197				70,539	182	2,577	316,229	5,376	9,781	
Average yield per acre	tons	1.11			1.05	1.26	1.48	1.09	1.24	1.30	2.70	
<b>DISTRICT OF COLUMBIA.</b>												
1909—Acres		962	190	158	10	28	4	160		116	296	
Production	tons	2,148	287	838	15	108	4	238		495	663	
Average yield per acre	tons	2.23	1.51	2.14	1.50	3.86	1.00	1.49		4.27	2.24	
Value	dollars	25,633	5,630	5,472	300	1,620	60	5,135		3,445	3,920	
Average value per ton	dollars	11.83	19.79	16.19	20.00	15.00	15.00	21.58		6.96	5.91	
Farms reporting		86	36	9	1	1	1	33		20	11	
1899—Acres		1,228				27		10	969		181	
Production	tons	2,241				50		25	1,625		392	
Average yield per acre	tons	1.82			1.85		2.50	1.68		2.17	3.63	
<b>VIRGINIA.</b>												
1909—Acres		773,577	163,325	358,176	54,016	3,126	11,434	97,073	8,249	55,173	22,990	15
Production	tons	823,383	169,881	366,744	63,056	7,203	14,589	94,162	8,294	56,180	43,230	44
Average yield per acre	tons	1.06	1.04	1.02	1.17	2.30	1.28	0.97	1.01	1.02	1.88	2.93
Value	dollars	10,256,998	2,312,579	4,685,910	840,747	109,409	177,674	1,139,985	79,650	686,050	224,574	420
Average value per ton	dollars	12.46	13.61	12.78	13.33	15.19	12.11	12.11	9.60	12.21	5.19	9.55
Farms reporting		79,087	15,479	32,663	12,907	796	3,396	11,660	1,359	9,870	2,407	26
1899—Acres		612,962				104,124	349	13,315	442,070	40,531	9,877	
Production	tons	627,979				105,640	521	15,294	437,436	2,922	44,329	
Average yield per acre	tons	1.02			1.01	1.49	1.15	0.99	1.08	1.09	2.21	
<b>WEST VIRGINIA.</b>												
1909—Acres		708,900	308,814	281,794	6,661	696	7,758	82,607	5,495	4,191	10,876	8
Production	tons	639,104	278,074	249,956	6,514	1,406	8,906	66,994	4,051	6,837	16,269	67
Average yield per acre	tons	0.90	0.90	0.89	0.98	2.02	1.15	0.81	0.74	1.63	1.50	8.38
Value	dollars	7,492,747	3,404,456	3,001,535	75,883	17,922	110,749	707,627	36,660	63,493	73,671	731
Average value per ton	dollars	11.72	12.24	12.01	11.65	12.75	12.44	10.56	9.06	9.29	4.53	10.91
Farms reporting		61,864	29,682	24,327	1,217	179	2,580	7,242	538	830	1,864	24
1899—Acres		601,935				25,170	123	4,924	555,787	849	13,118	
Production	tons	541,084				23,621	198	5,428	494,467	759	13,017	
Average yield per acre	tons	0.90			0.93	1.61	1.10	0.89	0.89	1.10	1.88	
<b>NORTH CAROLINA.</b>												
1909—Acres		375,795	18,400	44,467	38,681	735	2,996	80,154	44,791	129,766	15,799	6
Production	tons	369,332	16,011	39,050	39,445	1,394	3,529	81,193	54,636	118,667	15,375	6
Average yield per acre	tons	0.98	0.87	0.88	1.02	1.90	1.18	1.01	1.22	0.91	0.97	1.00
Value	dollars	4,781,682	222,010	500,508	545,718	22,276	51,780	959,262	561,337	1,776,243	142,373	55
Average value per ton	dollars	12.95	13.87	12.82	13.83	15.98	14.67	11.81	10.27	14.97	9.26	9.17
Farms reporting		69,615	3,539	5,925	10,736	272	1,316	15,058	11,882	30,507	3,207	3
1899—Acres		229,998				27,238	243	1,959	122,879	17,462	51,774	
Production	tons	246,820				28,290	392	2,705	122,411	21,236	56,780	
Average yield per acre	tons	1.07			1.04	1.61	1.38	1.00	1.22	1.10	1.78	
<b>SOUTH CAROLINA.</b>												
1909—Acres		209,767	1,966	177	375	138	1,147	32,237	6,505	159,127	8,075	20
Production	tons	186,131	1,654	237	536	328	1,576	31,650	6,914	133,996	9,158	82
Average yield per acre	tons	0.89	0.84	1.34	1.43	2.38	1.37	0.98	1.06	0.84	1.13	4.10
Value	dollars	3,189,122	25,797	4,036	8,629	6,853	25,733	506,575	102,291	2,387,103	121,680	420
Average value per ton	dollars	17.13	15.60	17.03	16.10	20.89	16.33	16.01	14.79	17.81	13.29	5.12
Farms reporting		34,467	377	39	114	65	286	6,488	1,395	27,778	2,442	2
1899—Acres		106,124				18	474	50,733	954	48,918	3,562	
Production	tons	108,886				1,728	31	51,608	985	47,912	5,816	
Average yield per acre	tons	1.03			1.20	1.72	1.70	1.02	1.03	0.98	1.62	
<b>GEORGIA.</b>												
1909—Acres		253,157	2,963	3,560	2,107	545	3,447	68,212	15,743	132,005	24,423	92
Production	tons	261,333	3,237	4,153	2,266	1,079	3,985	71,315	17,218	128,929	29,076	75
Average yield per acre	tons	1.03	1.09	1.17	1.05	1.98	1.15	1.05	1.09	0.98	1.19	0.82
Value	dollars	4,058,907	52,713	61,053	35,864	19,768	62,668	1,054,322	225,420	2,166,200	377,350	1,550
Average value per ton	dollars	15.52	16.28	14.70	15.83	18.31	15.73	13.09	13.09			

HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH AVERAGES, FOR 1909, AND ACREAGE AND PRODUCTION, FOR 1899, BY CLASSES, AND BY DIVISIONS AND STATES—Continued.

Table 73—Continued.

DIVISION OR STATE.	Total.	Timothy alone. <sup>1</sup>	Timothy and clover mixed. <sup>1</sup>	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt, or prairie grasses. <sup>2</sup>	Grains cut green.	Coarse forage.	Root forage.	
<b>SOUTH ATLANTIC—Continued.</b>												
<b>FLORIDA.</b>												
1909—Acres.....	54,729	884	1,382	1,417	49	760	22,078	9,451	12,371	5,486	42	
Production..... tons.....	55,300	747	1,201	1,418	63	936	23,457	10,328	13,196	3,598	158	
Average yield per acre..... tons.....	1.01	0.85	0.87	1.00	1.29	1.22	1.03	1.09	1.07	0.66	3.71	
Value..... dollars.....	847,485	13,011	18,210	25,990	886	14,491	370,751	157,427	101,037	47,392	1,444	
Average value per ton..... dollars.....	15.33	18.62	15.17	16.04	14.08	15.48	10.06	15.24	14.48	13.16	9.26	
Farms reporting.....	9,885	327	356	379	8	207	4,342	2,053	1,403	723	20	
1899—Acres.....	21,904	.....	.....	111	.....	58	13,951	1,435	3,096	2,443	.....	
Production..... tons.....	22,381	.....	.....	109	.....	106	13,625	1,655	4,158	2,728	.....	
Average yield per acre..... tons.....	1.02	.....	.....	0.98	.....	1.83	0.98	1.15	1.04	1.12	.....	
<b>EAST SOUTH CENTRAL</b>												
<b>KENTUCKY.</b>												
1909—Acres.....	906,877	346,892	207,080	76,074	20,220	35,180	176,448	7,193	54,473	41,902	6	
Production..... tons.....	957,241	353,230	204,865	80,688	37,978	35,851	139,382	6,381	55,363	43,476	18	
Average yield per acre..... tons.....	0.99	1.02	0.99	1.05	1.88	1.02	0.79	0.89	1.02	1.04	3.00	
Value..... dollars.....	10,306,344	3,021,465	2,304,093	800,955	429,870	361,945	1,540,945	57,343	600,552	213,377	190	
Average value per ton..... dollars.....	10.77	11.10	11.25	10.78	11.24	10.10	11.12	8.99	10.85	4.91	10.56	
Farms reporting.....	92,293	33,480	18,008	7,307	3,670	9,076	19,414	1,431	9,002	6,388	3	
1899—Acres.....	683,130	.....	.....	158,110	808	37,653	403,211	0,375	55,334	21,948	.....	
Production..... tons.....	655,066	.....	.....	159,747	1,050	37,130	370,461	5,550	60,911	24,202	.....	
Average yield per acre..... tons.....	0.96	.....	.....	1.01	1.31	0.99	0.92	0.87	1.03	1.12	.....	
<b>TENNESSEE.</b>												
1909—Acres.....	1,052,816	121,000	215,024	193,578	5,323	72,230	237,723	28,480	140,038	29,138	12	
Production..... tons.....	1,077,836	130,834	236,656	201,026	10,000	76,311	218,482	26,521	130,674	39,786	46	
Average yield per acre..... tons.....	1.02	1.08	1.10	1.04	1.99	1.00	0.92	0.93	0.91	1.37	3.83	
Value..... dollars.....	12,617,538	1,585,620	2,836,721	2,363,241	138,525	845,430	2,021,015	203,834	1,712,025	260,843	184	
Average value per ton..... dollars.....	11.71	12.12	11.90	11.65	13.07	11.08	12.00	9.95	12.53	6.54	4.00	
Farms reporting.....	103,300	13,527	18,073	18,603	945	17,433	23,719	5,022	28,012	6,163	4	
1899—Acres.....	645,617	.....	.....	104,134	654	97,676	218,821	11,523	181,318	31,586	.....	
Production..... tons.....	670,450	.....	.....	106,820	1,173	104,690	222,765	10,444	184,946	48,573	.....	
Average yield per acre..... tons.....	1.05	.....	.....	1.03	1.79	1.07	1.02	0.91	1.02	1.54	.....	
<b>ALABAMA.</b>												
1909—Acres.....	238,656	3,970	3,706	7,377	6,987	13,288	85,806	27,853	71,116	13,544	.....	
Production..... tons.....	251,403	4,566	4,109	7,544	8,966	15,228	92,968	30,079	60,946	20,997	.....	
Average yield per acre..... tons.....	1.05	1.15	1.12	1.02	1.27	1.15	1.08	1.08	0.94	1.13	.....	
Value..... dollars.....	3,357,132	60,015	65,883	118,256	137,070	208,685	1,127,140	356,222	1,033,210	249,745	.....	
Average value per ton..... dollars.....	13.36	13.14	15.80	15.68	15.49	13.82	12.12	11.82	15.43	11.89	.....	
Farms reporting.....	44,243	531	486	1,161	416	4,241	14,097	6,897	15,955	5,853	.....	
1899—Acres.....	85,353	.....	.....	1,592	272	8,364	40,880	3,814	10,723	15,708	.....	
Production..... tons.....	100,061	.....	.....	1,724	343	10,442	46,383	4,042	17,104	20,023	.....	
Average yield per acre..... tons.....	1.17	.....	.....	1.08	1.26	1.25	1.13	1.00	1.16	1.27	.....	
<b>MISSISSIPPI.</b>												
1909—Acres.....	229,705	1,082	2,353	9,438	9,245	1,852	74,818	55,490	65,092	9,825	.....	
Production..... tons.....	279,236	1,620	2,694	12,000	16,710	2,390	98,027	64,478	73,382	13,025	.....	
Average yield per acre..... tons.....	1.22	1.50	1.11	1.27	1.81	1.29	1.24	1.16	1.12	1.33	.....	
Value..... dollars.....	3,363,647	18,415	34,464	100,269	269,670	28,753	1,013,759	605,029	1,020,722	146,569	.....	
Average value per ton..... dollars.....	12.05	11.37	13.24	13.36	16.14	12.03	10.90	10.31	13.99	11.25	.....	
Farms reporting.....	44,085	170	620	2,155	841	455	13,979	10,786	16,038	3,293	.....	
1899—Acres.....	99,201	.....	.....	2,040	99	1,307	84,157	6,753	48,848	5,967	.....	
Production..... tons.....	129,332	.....	.....	3,500	201	2,369	42,038	7,965	65,138	7,821	.....	
Average yield per acre..... tons.....	1.30	.....	.....	1.19	2.03	1.70	1.25	1.18	1.35	1.43	.....	
<b>WEST SOUTH CENTRAL</b>												
<b>ARKANSAS.</b>												
1909—Acres.....	435,015	86,964	99,855	17,004	15,929	13,647	80,138	112,741	100,589	27,985	10	
Production..... tons.....	461,817	95,113	72,100	18,360	33,231	14,652	40,440	119,873	90,940	30,957	43	
Average yield per acre..... tons.....	1.06	0.95	0.93	1.08	2.09	1.07	1.12	1.06	0.91	1.14	4.30	
Value..... dollars.....	4,887,139	423,939	820,794	210,938	449,876	104,842	412,565	887,264	1,235,214	270,288	420	
Average value per ton..... dollars.....	10.63	12.22	11.45	11.81	13.36	11.25	10.20	7.40	12.74	8.73	9.77	
Farms reporting.....	55,909	4,570	6,471	2,408	2,363	4,954	6,308	9,199	23,770	9,439	7	
1899—Acres.....	230,426	.....	.....	18,262	2,278	8,352	69,504	71,486	62,756	16,788	.....	
Production..... tons.....	271,016	.....	.....	20,426	4,444	10,446	67,032	72,683	73,375	23,261	.....	
Average yield per acre..... tons.....	1.13	.....	.....	1.12	1.95	1.25	1.13	1.02	1.17	1.39	.....	
<b>LOUISIANA.</b>												
1909—Acres.....	180,811	1,048	2,078	9,601	12,073	542	20,892	21,275	105,073	1,624	5	
Production..... tons.....	245,815	1,331	4,597	15,287	28,140	858	38,910	20,252	127,126	3,265	13	
Average yield per acre..... tons.....	1.36	1.27	1.72	1.59	2.33	1.58	1.45	1.23	1.21	2.03	2.60	
Value..... dollars.....	2,433,101	13,920	69,127	171,170	376,562	8,042	387,197	253,245	1,131,280	27,548	107	
Average value per ton..... dollars.....	9.90	10.40	13.73	11.20	13.38	10.42	9.95	9.65	8.90	8.36	8.23	
Farms reporting.....	15,022	104	111	659	685	100	2,780	2,940	7,674	408	3	
1899—Acres.....	97,136	.....	.....	1,637	2,365	426	14,724	5,086	66,823	9,075	.....	
Production..... tons.....	103,443	.....	.....	2,760	4,156	728	19,606	6,278	112,481	17,425	.....	
Average yield per acre..... tons.....	1.03	.....	.....	1.69	1.76	1.71	1.83	1.23	1.68	2.87	.....	
<b>OKLAHOMA.</b>												
1909—Acres.....	1,347,598	9,690	6,935	1,719	200,823	65,819	10,124	695,176	24,986	317,317	9	
Production..... tons.....	1,417,533	9,817	6,355	2,214	321,675	75,591	18,215	607,120	23,721	352,814	11	
Average yield per acre..... tons.....	1.05	1.01	0.92	1.29	1.56	1.15	0.95	0.87	0.95	1.11	1.22	
Value..... dollars.....	9,638,048	83,741	53,284	20,675	3,230,384	593,965	110,896	3,388,598	186,402	1,964,638	65	
Average value per ton..... dollars.....	6.80	8.53	8.38	9.34	10.04	7.80	6.42	5.58	7.86	5.57	5.91	
Farms reporting.....	64,487	678	471	212	17,467	10,046	930	23,263	2,690	25,168	3	
1899—Acres.....	1,095,700	.....	.....	496	10,092	50,212	11,706	603,163	20,048	295,010	.....	
Production..... tons.....	1,017,005	.....	.....	724	30,108	89,516	14,714	702,084	65,046	655,713	.....	
Average yield per acre..... tons.....	1.43	.....	.....	1.46	1.87	1.78	1.26	1.10	2.24	2.22	.....	
<b>TEXAS.</b>												
1909—Acres.....	1,311,967	1,077	309	520	55,332	103,038	150,804	235,680	68,649	690,577	9	
Production..... tons.....	1,267,845	910	468	878	97,936	165,352	138,758	180,218	55,093	688,274	42	
Average yield per acre..... tons.....	0.96	0.85	1.53	1.66	1.77	0.93	0.88	0.70	0.80	1.00	4.77	
Value..... dollars.....	12,824,433	11,016	5,060	13,972	1,330,314	1,139,618	1,562,441	1,548,138	708,625	6,495,368	6.48	
Average value per ton..... dollars.....	10.20	12.03	12.11	15.91	13.68	11.95	11.26	8.59	12.528	77,780	3	
Farms reporting.....	110,908	157	20	67	4,001	17,904	6,780	9,518	52,051	362,600	.....	
1899—Acres.....	938,024	.....	.....	1,940	18,990	152,750	63,605	286,079	52,051	362,600	.....	
Production..... tons.....	1,466,452	.....	.....	3,344	35,394	234,680	88,645	280,145	87,273	738,971	.....	
Average yield per acre..... tons.....	1.56	.....	.....	1.72	1.76	1.54	1.39	0.98	1.68	2.04	.....	

<sup>1</sup> Included with "other tame or cultivated grasses" in 1899.  
<sup>2</sup> In 1899 this included timothy alone and timothy and clover mixed.  
<sup>3</sup> Includes Indian Territory.

# INDIVIDUAL CROPS.

HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH AVERAGES, FOR 1909, AND ACREAGE AND PRODUCTION, FOR 1899, BY CLASSES, AND BY DIVISIONS AND STATES—Continued.

Table 73—Continued.

DIVISION OR STATE.	Total.	Timothy alone. <sup>1</sup>	Timothy and clover mixed. <sup>1</sup>	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt, or prairie grasses. <sup>2</sup>	Grains cut green.	Coarse forage.	Root forage.
<b>MOUNTAIN</b>											
<b>MONTANA.</b>											
1909—Acres.....	1,135,376	117,888	90,541	11,575	224,226	3,160	55,961	584,732	45,892	1,138	263
Production..... tons.....	1,692,656	171,030	150,039	24,094	599,747	4,742	73,915	599,860	70,336	1,719	1,174
Average yield per acre..... tons.....	1.49	1.45	1.72	2.08	2.67	1.50	1.32	1.01	1.53	1.51	4.46
Value..... dollars.....	12,344,606	1,594,398	1,457,117	176,507	3,793,059	37,701	541,018	4,131,324	592,351	14,102	7,029
Average value per ton..... dollars.....	7.29	9.32	9.34	7.33	6.32	7.95	7.32	7.00	8.42	8.20	5.99
Farms reporting.....	14,993	3,504	2,223	437	5,582	163	814	6,461	3,185	127	60
1899—Acres.....	875,712	.....	.....	12,498	68,959	3,690	180,178	567,587	40,374	2,426	.....
Production..... tons.....	1,059,268	.....	.....	22,630	186,408	4,705	237,950	545,841	57,937	3,807	.....
Average yield per acre..... tons.....	1.21	.....	.....	1.81	2.70	1.28	1.32	0.96	1.43	1.57	.....
<b>IDAHO.</b>											
1909—Acres.....	732,886	102,610	53,992	8,836	308,892	831	38,955	120,361	97,211	994	304
Production..... tons.....	1,534,365	140,134	99,864	20,944	964,529	1,071	70,949	141,925	140,098	1,580	3,271
Average yield per acre..... tons.....	2.16	1.37	1.85	2.37	3.12	1.29	1.82	1.18	1.44	1.77	10.76
Value..... dollars.....	12,099,993	1,571,379	952,656	152,189	6,621,460	7,969	476,567	855,064	1,426,622	12,837	23,220
Average value per ton..... dollars.....	7.64	11.21	9.54	7.27	6.86	7.44	6.72	6.02	10.18	8.12	7.10
Farms reporting.....	20,733	4,374	1,762	697	11,303	64	893	2,068	6,247	152	88
1899—Acres.....	613,656	.....	.....	14,786	160,029	813	99,281	140,467	91,654	6,626	.....
Production..... tons.....	899,125	.....	.....	35,420	425,706	1,559	139,354	160,290	125,043	11,753	.....
Average yield per acre..... tons.....	1.75	.....	.....	2.40	2.66	1.92	1.40	1.14	1.36	1.77	.....
<b>WYOMING.</b>											
1909—Acres.....	585,386	29,438	8,066	360	170,431	4,270	106,951	242,706	19,548	3,442	179
Production..... tons.....	853,515	44,655	16,323	808	397,669	6,252	129,857	228,066	23,813	4,799	1,358
Average yield per acre..... tons.....	1.46	1.52	2.02	2.24	2.33	1.46	1.21	0.94	1.22	1.37	7.59
Value..... dollars.....	6,077,354	841,700	132,788	5,472	2,630,457	46,552	896,722	1,782,230	200,907	34,738	6,780
Average value per ton..... dollars.....	7.12	7.65	8.13	6.77	6.81	7.45	6.90	7.81	8.44	7.88	4.99
Farms reporting.....	6,960	975	211	21	3,364	383	1,007	2,503	1,318	399	23
1899—Acres.....	380,799	.....	.....	900	74,688	1,715	44,490	242,243	14,827	1,909	.....
Production..... tons.....	462,101	.....	.....	1,561	173,344	2,237	53,878	208,422	20,022	2,637	.....
Average yield per acre..... tons.....	1.21	.....	.....	1.73	2.32	1.30	1.21	0.86	1.35	1.38	.....
<b>COLORADO.</b>											
1909—Acres.....	1,285,064	51,505	45,001	1,418	508,892	30,926	72,030	394,799	75,033	101,721	3,739
Production..... tons.....	2,241,566	82,482	84,636	3,095	1,265,915	35,263	107,910	368,408	94,260	156,547	42,450
Average yield per acre..... tons.....	1.74	1.60	1.88	2.16	2.49	1.14	1.50	0.93	1.26	1.54	11.35
Value..... dollars.....	17,282,276	746,146	685,164	29,106	9,709,180	248,190	883,806	3,086,956	845,544	848,532	109,622
Average value per ton..... dollars.....	7.71	9.05	8.10	7.88	7.67	7.04	8.19	8.38	8.97	5.42	4.79
Farms reporting.....	29,138	1,779	904	96	15,981	3,318	1,317	4,404	4,371	7,144	378
1899—Acres.....	952,214	.....	.....	2,582	455,237	8,323	80,566	335,748	46,530	23,228	.....
Production..... tons.....	1,643,347	.....	.....	5,410	1,107,471	9,370	113,292	309,599	53,277	42,928	.....
Average yield per acre..... tons.....	1.73	.....	.....	2.10	2.43	1.13	1.41	0.92	1.19	1.85	.....
<b>NEW MEXICO.</b>											
1909—Acres.....	368,409	2,370	1,881	197	102,650	19,268	9,849	28,023	13,139	191,024	8
Production..... tons.....	431,053	3,233	2,650	410	265,022	10,637	9,718	22,050	17,363	99,320	50
Average yield per acre..... tons.....	1.17	1.39	1.41	2.08	2.59	0.55	0.99	0.79	1.32	0.52	6.25
Value..... dollars.....	4,469,709	37,003	28,035	3,591	2,846,388	130,184	108,087	239,366	194,639	885,001	325
Average value per ton..... dollars.....	10.37	11.45	10.58	8.70	10.72	12.24	10.31	10.56	11.21	8.91	6.50
Farms reporting.....	17,394	232	198	16	7,197	1,943	598	1,002	1,550	8,302	6
1899—Acres.....	87,858	.....	.....	101	55,407	265	2,722	19,233	4,857	4,713	.....
Production..... tons.....	195,324	.....	.....	261	154,973	498	3,423	19,155	7,871	9,143	.....
Average yield per acre..... tons.....	2.24	.....	.....	2.58	2.79	1.88	1.26	1.00	1.62	1.94	.....
<b>ARIZONA.</b>											
1909—Acres.....	102,490	120	143	119	66,102	443	1,745	9,514	19,058	3,980	1,266
Production..... tons.....	259,750	132	289	119	194,534	791	2,196	8,168	29,712	7,762	15,997
Average yield per acre..... tons.....	2.53	1.52	2.02	1.00	2.94	1.79	1.26	0.86	1.56	1.95	12.64
Value..... dollars.....	2,553,228	1,948	4,984	1,255	1,896,459	11,683	31,129	81,987	363,316	84,003	71,464
Average value per ton..... dollars.....	9.83	10.70	17.25	10.55	9.75	14.77	14.18	10.04	12.40	10.52	4.47
Farms reporting.....	3,738	14	10	4	3,179	75	103	327	999	572	7
1899—Acres.....	92,674	.....	.....	62,585	.....	107	1,078	10,425	15,349	3,130	.....
Production..... tons.....	177,504	.....	.....	137,270	.....	212	1,995	9,524	20,487	8,016	.....
Average yield per acre..... tons.....	1.92	.....	.....	2.19	.....	1.98	1.85	0.91	1.33	2.56	.....
<b>UTAH.</b>											
1909—Acres.....	435,394	16,819	11,508	728	284,182	447	19,140	67,883	1,541	591	2,555
Production..... tons.....	1,016,913	34,214	24,115	1,793	791,355	876	30,872	91,315	2,625	1,329	37,319
Average yield per acre..... tons.....	2.51	2.03	2.10	2.46	2.78	1.96	1.62	1.35	1.70	2.25	14.61
Value..... dollars.....	7,420,901	302,980	204,659	14,789	5,950,250	6,312	217,886	530,029	20,500	9,218	173,278
Average value per ton..... dollars.....	7.31	8.80	8.49	8.25	7.52	7.21	7.03	5.80	7.81	6.94	4.64
Farms reporting.....	17,937	1,026	633	77	16,565	34	788	2,110	220	131	474
1899—Acres.....	388,043	.....	.....	1,367	283,229	2,604	38,999	71,065	3,324	2,465	.....
Production..... tons.....	850,962	.....	.....	2,995	681,515	3,376	66,587	88,690	4,290	3,509	.....
Average yield per acre..... tons.....	2.19	.....	.....	2.21	2.54	1.30	1.71	1.25	1.29	1.42	.....
<b>NEVADA.</b>											
1909—Acres.....	350,538	14,954	17,141	77	90,151	250	25,928	197,716	4,184	136	1
Production..... tons.....	521,918	21,395	26,157	120	238,383	467	39,898	189,338	5,426	730	4
Average yield per acre..... tons.....	1.49	1.43	1.53	1.56	2.64	1.87	1.54	0.96	1.30	5.37	4.00
Value..... dollars.....	4,185,071	163,929	226,179	965	1,955,980	2,638	327,467	1,420,450	83,702	3,711	50
Average value per ton..... dollars.....	8.02	7.68	8.65	8.04	8.21	5.65	8.21	7.50	15.43	5.08	12.50
Farms reporting.....	2,081	142	157	6	1,479	7	212	760	185	40	1
1899—Acres.....	292,134	.....	.....	1,021	96,725	84	28,957	165,059	2,152	136	.....
Production..... tons.....	419,812	.....	.....	1,324	224,331	132	30,778	159,400	3,703	144	.....
Average yield per acre..... tons.....	1.44	.....	.....	1.30	2.32	1.57	1.14	0.97	1.72	1.66	.....

<sup>1</sup> Included with "other tame or cultivated grasses" in 1899.

<sup>2</sup> In 1899 this included timothy alone and timothy and clover mixed.

HAY AND FORAGE—FARMS REPORTING, ACREAGE, PRODUCTION, AND VALUE, WITH AVERAGES, FOR 1900, AND ACREAGE AND PRODUCTION, FOR 1899, BY CLASSES, AND BY DIVISIONS AND STATES—Continued.

**Table 73—Continued.**

DIVISION OR STATE.	Total.	Timothy alone. <sup>1</sup>	Timothy and clover mixed. <sup>1</sup>	Clover alone.	Alfalfa.	Millet or Hungarian grass.	Other tame or cultivated grasses.	Wild, salt, or prairie grasses. <sup>2</sup>	Grains cut green.	Coarse forage.	Root forage.
<b>PACIFIC</b>											
<b>WASHINGTON.</b>											
1900—Acres.....	742,137	88,208	120,890	10,897	94,000	269	28,769	28,168	358,543	10,328	1,086
Production..... tons.....	1,301,064	143,401	253,194	21,923	357,595	421	42,722	30,503	499,955	26,005	15,825
Average yield per acre..... tons.....	1.88	1.62	2.00	2.01	3.77	1.63	1.49	1.09	1.39	2.52	14.59
Value..... dollars.....	17,147,048	2,108,916	3,035,020	293,948	3,007,991	5,014	594,002	298,016	6,225,515	163,814	94,806
Average value per ton..... dollars.....	12.32	15.12	14.30	13.41	10.29	11.01	13.90	9.75	12.45	6.30	5.99
Farms reporting.....	38,897	5,310	11,220	2,166	5,643	42	1,340	1,136	24,119	1,540	1,008
1899—Acres.....	497,139	.....	.....	18,484	35,169	319	168,872	49,993	226,652	7,683	.....
Production..... tons.....	820,897	.....	.....	40,054	118,559	490	301,656	51,200	301,076	13,196	.....
Average yield per acre..... tons.....	1.66	.....	.....	2.17	3.37	1.55	1.90	1.03	1.33	1.72	.....
<b>OREGON.</b>											
1900—Acres.....	939,979	40,166	66,052	47,435	120,427	1,310	60,808	218,071	373,703	10,462	945
Production..... tons.....	1,587,796	67,239	129,278	83,909	375,445	1,090	106,120	248,917	509,030	57,107	9,055
Average yield per acre..... tons.....	1.69	1.67	1.94	1.77	3.12	1.29	1.75	1.14	1.36	5.46	9.58
Value..... dollars.....	15,225,967	724,091	1,440,854	929,144	3,275,220	14,232	1,063,978	1,684,046	5,738,931	292,929	53,532
Average value per ton..... dollars.....	9.59	10.77	11.22	11.07	8.72	8.42	10.03	6.77	11.27	5.13	5.91
Farms reporting.....	32,963	2,660	4,080	5,057	4,708	56	3,985	2,533	22,954	2,364	630
1899—Acres.....	731,823	.....	.....	31,885	53,612	698	189,183	202,680	245,759	8,106	.....
Production..... tons.....	1,117,400	.....	.....	70,341	146,875	970	323,734	234,220	320,735	21,525	.....
Average yield per acre..... tons.....	1.53	.....	.....	2.21	2.72	1.62	1.71	1.16	1.31	2.66	.....
<b>CALIFORNIA.</b>											
1900—Acres.....	2,533,347	13,725	46,061	8,519	484,134	2,142	90,414	253,127	1,604,745	25,868	4,012
Production..... tons.....	4,327,130	20,001	73,183	20,380	1,639,707	2,688	119,415	281,033	2,019,526	60,611	90,586
Average yield per acre..... tons.....	1.71	1.40	1.67	2.39	3.39	1.25	1.32	1.11	1.26	2.34	22.58
Value..... dollars.....	42,187,215	185,579	629,575	213,289	13,088,530	27,483	1,253,428	2,028,494	24,059,727	438,095	266,015
Average value per ton..... dollars.....	9.75	9.28	8.60	10.47	7.98	10.23	10.50	7.22	11.91	7.23	2.94
Farms reporting.....	63,760	370	953	703	19,904	101	2,274	3,679	39,397	2,175	1,021
1899—Acres.....	2,239,601	.....	.....	12,407	298,898	1,741	153,646	223,854	1,506,360	42,695	.....
Production..... tons.....	3,035,206	.....	.....	22,038	838,730	3,567	195,027	176,466	1,714,692	83,546	.....
Average yield per acre..... tons.....	1.36	.....	.....	1.82	2.81	2.05	1.27	0.79	1.14	1.96	.....

<sup>1</sup> Included with "other tame or cultivated grasses" in 1899.

<sup>2</sup> In 1899 this included timothy alone and timothy and clover mixed.

## VEGETABLES.

## POTATOES.

The United States as a whole.—The statistics for potatoes are given for the United States as a whole in Table 74.

	1909	1899	1889	1879
Number of farms reporting..	3,179,907	2,836,105		
Per cent of all farms.....	50.0	49.4		
Acres <sup>1</sup> .....	3,668,855	2,938,778	2,600,750	1,911,325
Increase over preceding census.....	30,077	338,028		
Per cent of increase.....	24.8	13.0		
Acres per farm reporting..	1.2	1.0		
Per cent that acreage in potatoes formed of—				
Total improved acreage.....	0.8	0.7	0.7	
Total reported crop acreage.....	1.2	1.0		
Production (bushels).....	389,194,965	273,318,167	217,546,302	169,458,539
Increase over preceding census.....	115,876,798	55,771,805	48,087,823	26,121,066
Per cent of increase.....	42.4	25.6	23.4	18.2
Average yield per acre.....	106.1	93.0	83.6	
Value.....	\$166,423,910	\$98,380,110		
Increase over preceding census.....	\$68,043,800			
Per cent of increase.....	69.2			
Average per bushel.....	\$0.43	\$0.36		
Average per acre.....	\$45.36	\$33.48		
Per cent that value of potatoes formed of total value of crops.....	3.0	3.3		

<sup>1</sup> Report of acreage in 1879 was very incomplete; consequently increases and other derivative items are not computed. The production figures are apparently comparable.

NOTE.—The production of potatoes was 143,337,473 bushels in 1889 and 111,099,867 bushels in 1859.

The reported acreage of potatoes in 1909 was 3,668,855, or 1.2 per cent of the total reported crop acreage, but there is little doubt that a considerable quantity of potatoes is raised by farmers on small patches for their own consumption, and that the acreage for such potatoes is frequently not reported. In 1899 the number of acres planted to potatoes was 2,938,778, so that the increase for the decade amounted to 730,077 acres, or 24.8 per cent. The production of potatoes in 1909 was 389,195,000 bushels, showing an increase of 42.4 per cent over the production in 1899, which amounted to 273,318,000 bushels. The more rapid increase of production than of acreage was due to an increase in the yield per acre from 93 bushels in 1899 to 106.1 bushels in 1909. The value of the potato crop in 1909 amounted to \$166,424,000, showing an increase of 69.2 per cent over the value 10 years earlier, \$98,380,000. The average value of potatoes per bushel rose from 36 cents to 43 cents and the average value per acre from \$33.48 to \$45.36 during the decade.

One-half of all the farms in 1909, 3,179,907, reported a potato crop, and the proportion was substantially the same 10 years earlier, the increase in the number of farms reporting potatoes being practically at the same rate as that for all farms. The average potato acreage per farm reporting was only 1.2 in 1909, and even that was an increase over 1899, when the average was 1 acre.

The acreage devoted to potatoes increased steadily at every census since 1879, although the published

figures for 1879 are not comparable with those for later censuses. The production of potatoes has shown a steady increase for 50 years, being about three and one-half times as great in 1909 as in 1859; the greatest increase for the half century was shown for the last decade, 1899–1909. The average yield of potatoes per acre, however, increased from 83.6 bushels in 1889 to 106.1 in 1909.

Divisions and states.—Tables 75 to 78, inclusive, give, by divisions and states, information similar to that which Table 74 gives for the United States as a whole.

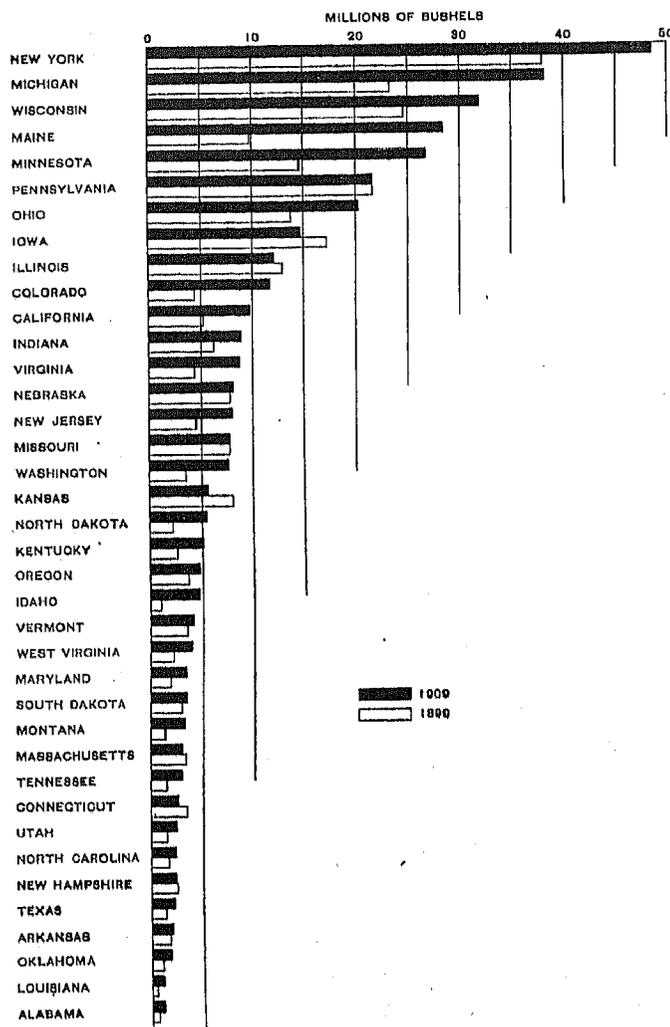
More than three-fourths, 77.7 per cent, of the acreage of potatoes in 1909 was in the North; about one-eighth, 13 per cent, was in the South; and less than one-tenth, 9.3 per cent, in the West. The only division with a potato acreage of more than 1,000,000 in 1909 was the East North Central, with 1,106,032, while the lowest acreage, 117,761, was reported for the West South Central division.

Ten states, all in the North, had a potato acreage of over 100,000 each in 1909, the leading states being New York, with 394,319 acres; Michigan, with 365,483; and Wisconsin, with 290,185. Increases in the acreage of potatoes between 1899 and 1909 were reported for every geographic division and for nearly every state outside of New England—New York, Iowa, and Kansas being the only exceptions. Of the New England states Maine was the only one to show an increase in the acreage of potatoes, but the increase for that state, 64,034 acres, was more than sufficient to offset the decreases in the other states of the division. The diagram on page 652 shows the production, in millions of bushels, for each of the principal potato producing states for both 1909 and 1899.

The average acreage of potatoes per farm reporting was less than 1 acre in each of the southern divisions, varied between 1 and 1.8 acres in the northern divisions, and was over 2 acres in each of the western divisions. The average was higher in 1909 than in 1899 in every division except the East South Central, for which no change was reported.

The yield of potatoes per acre being higher in the North than in the South, the former section of the country had an even greater proportion of the production than of the acreage of that crop, 77.9 per cent, as compared with 12 per cent for the West, and 10.1 per cent for the South. New York, the leading state in acreage, also ranked first in production of potatoes in 1909, with 48,598,000 bushels. Michigan, with 38,244,000 bushels; Wisconsin, with 31,968,000; and Maine, with 28,557,000, ranked in production in the order named. The only state in the West that reported over 10,000,000 bushels of potatoes in 1909 was Colorado, with 11,781,000 bushels, as compared with a production of 4,466,000 bushels in 1899—an increase of 163.8 per cent.

PRODUCTION OF POTATOES: 1909 AND 1899.



Every geographic division showed an increase in the production of potatoes between 1899 and 1909, the greatest absolute increase, 30,619,000 bushels,

being reported for the East North Central division, followed by New England, with an increase of 17,780,000 bushels, while the Mountain division with an increase of 15,185,000 bushels, or 167.9 per cent, was third in absolute and first in relative increase.

Among the individual states, Maine showed the greatest absolute increase in the potato crop in 1909 as compared with 1899, the increase in that state being 18,743,000 bushels, or 191 per cent. Increases of over 10,000,000 bushels were also shown by Michigan, Minnesota, and New York, while of the Western states, Colorado, with an increase of 7,315,000 bushels, made the greatest advance in potato raising during the decade.

The highest average yield of potatoes per acre, 210.3 bushels, in 1909 was in Maine, while the lowest, 47.4 bushels, was in New Mexico; 23 states showed average yields of over 100 bushels per acre, while 25 showed lower yields. The yields were higher in 1909 than in 1899 for most of the states.

The value of the potato crop in 1909 exceeded \$10,000,000 in three states—New York, with \$20,339,000; Pennsylvania, with \$11,974,000; and Maine, with \$10,225,000. Thirty-five states reported a potato crop valued at over \$1,000,000 each. The average value of potatoes per bushel in 1909 was considerably higher in the South than in the North or the West, while the average value per acre was much higher in New England, \$74.89, than in any other division, the next highest average value, \$58.77, being reported for the South Atlantic division. The average value per acre was higher in 1909 than in 1899 in every division and in nearly every state.

While the figures in Table 77 show the tendency for potato raising to move west, this tendency is not as pronounced as in the case of the cereals.

INDIVIDUAL CROPS.

POTATOES—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 75 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Perct.
United States .....	3,668,855	2,938,778	730,077	24.8	389,194,965	273,318,167	115,876,798	42.4	\$166,423,910	\$98,380,110	\$68,043,800	69.2
GEOGRAPHIC DIVISIONS:												
New England.....	233,095	180,025	53,070	29.5	41,245,977	23,466,222	17,779,755	75.8	17,456,938	10,092,191	7,364,747	73.0
Middle Atlantic.....	729,323	676,403	52,920	7.8	78,395,736	64,372,759	14,022,977	21.8	37,292,509	26,008,645	10,683,864	40.1
East North Central.....	1,106,032	957,193	148,839	15.5	111,006,777	80,983,131	30,618,646	37.8	37,427,211	25,501,069	11,926,142	46.8
West North Central.....	783,813	637,184	146,629	23.0	72,067,551	60,812,316	11,255,235	18.5	30,088,015	16,524,932	14,563,083	63.8
South Atlantic.....	239,762	167,481	82,281	52.2	22,102,630	12,150,748	9,951,882	81.9	14,091,735	6,691,072	7,400,663	110.6
East South Central.....	119,541	80,138	39,403	49.2	9,816,160	5,051,854	4,764,306	94.3	5,940,784	2,647,924	3,292,860	124.4
West South Central.....	117,761	72,876	44,885	61.6	7,413,887	4,867,562	2,546,325	52.3	5,439,504	2,428,721	3,010,783	124.0
Mountain.....	169,678	80,226	89,452	111.5	24,232,109	9,046,736	15,185,373	167.9	8,715,380	3,725,046	4,990,334	134.0
Pacific.....	169,850	97,252	72,598	74.6	22,314,138	12,561,839	9,752,299	77.6	9,971,834	5,160,510	4,811,324	93.2
NEW ENGLAND:												
Maine.....	135,799	71,765	64,034	89.2	28,556,837	9,813,748	18,743,089	191.0	10,224,714	3,711,999	6,512,715	175.5
New Hampshire.....	17,370	19,422	-2,052	-10.6	2,360,241	2,420,668	-60,427	-2.5	1,204,626	1,090,495	114,131	10.5
Vermont.....	26,859	28,353	-1,494	-5.3	4,145,630	3,547,829	597,801	16.8	1,743,049	1,333,730	409,319	30.7
Massachusetts.....	24,459	27,521	-3,062	-11.1	2,946,178	3,346,590	-400,412	-12.0	1,993,923	1,800,937	192,986	10.7
Rhode Island.....	4,649	5,816	-1,167	-20.1	552,677	843,853	-291,176	-34.5	406,429	440,372	-31,943	-7.3
Connecticut.....	23,959	27,148	-3,189	-11.7	2,684,414	3,493,534	-809,120	-23.2	1,882,197	1,714,658	167,539	9.8
MIDDLE ATLANTIC:												
New York.....	394,319	395,640	-1,321	-0.3	48,597,701	38,060,471	10,537,230	27.7	20,338,766	15,019,135	5,319,631	35.4
New Jersey.....	72,991	52,896	20,095	38.0	8,067,424	4,542,816	3,514,608	77.4	4,979,900	2,192,456	2,787,444	127.1
Pennsylvania.....	262,013	227,867	34,146	15.0	21,740,611	21,769,472	-28,861	-0.1	11,973,843	9,397,054	2,576,789	27.4
EAST NORTH CENTRAL:												
Ohio.....	212,808	167,590	45,218	27.0	20,322,984	13,709,238	6,613,746	48.2	9,377,955	5,750,068	3,627,887	63.1
Indiana.....	99,504	84,245	15,259	18.1	8,905,679	6,209,080	2,696,599	43.4	3,816,126	2,463,074	1,353,052	54.9
Illinois.....	138,052	136,464	1,588	1.2	12,166,091	12,951,871	-785,780	-6.1	6,401,598	4,702,033	1,699,565	36.1
Michigan.....	365,483	311,963	53,520	17.2	38,243,828	23,476,444	14,767,384	62.9	9,913,778	6,759,342	3,154,436	46.7
Wisconsin.....	290,185	250,931	39,254	12.9	31,968,195	24,641,498	7,326,697	29.7	7,917,754	5,826,552	2,091,202	35.9
WEST NORTH CENTRAL:												
Minnesota.....	223,692	146,659	77,033	52.5	26,802,948	14,643,327	12,159,621	83.0	7,685,269	3,408,997	4,276,262	125.4
Iowa.....	169,667	175,888	-6,321	-3.6	14,710,247	17,305,919	-2,595,672	-15.0	6,629,234	3,870,746	2,758,488	71.3
Missouri.....	96,259	93,915	2,344	2.5	7,796,410	7,786,623	9,787	0.1	4,470,125	2,756,696	1,713,440	62.2
North Dakota.....	54,067	21,936	32,131	146.5	5,551,430	2,257,550	3,294,080	145.9	2,079,125	587,498	1,491,627	253.9
South Dakota.....	50,052	33,567	16,485	49.1	3,441,692	2,909,914	531,778	18.3	1,967,550	680,530	1,287,020	189.1
Nebraska.....	111,151	79,901	31,250	39.1	8,117,775	7,817,438	300,337	3.8	3,785,224	1,734,666	2,050,558	118.2
Kansas.....	79,025	85,318	-6,293	-7.4	5,647,049	8,091,745	-2,444,696	-30.2	3,471,488	2,455,800	965,688	39.7
SOUTH ATLANTIC:												
Delaware.....	9,703	5,755	3,948	68.6	880,360	414,610	465,750	112.3	453,400	221,411	231,989	104.8
Maryland.....	39,299	26,472	12,827	48.5	3,444,311	1,991,357	1,452,954	73.0	1,782,954	1,020,003	762,951	74.8
District of Columbia.....	226	194	32	16.5	32,028	15,586	16,442	105.5	20,231	9,546	10,685	111.9
Virginia.....	86,927	51,021	35,906	70.4	8,770,778	4,409,672	4,361,106	98.9	5,667,557	2,494,627	3,172,930	127.2
West Virginia.....	42,621	30,123	12,498	41.5	4,677,066	2,245,821	1,831,245	81.5	2,278,638	1,133,381	1,145,257	101.1
North Carolina.....	31,990	23,619	8,371	35.4	2,372,260	1,636,445	735,815	45.0	1,755,413	862,509	892,904	103.5
South Carolina.....	8,610	8,068	542	6.7	782,430	651,916	130,514	20.0	609,424	435,468	173,956	39.9
Georgia.....	11,877	8,477	3,400	40.1	886,430	553,129	333,301	60.3	664,427	326,853	337,574	109.4
Florida.....	8,509	3,752	4,757	126.8	856,967	232,212	624,755	269.0	839,691	187,274	652,417	348.4
EAST SOUTH CENTRAL:												
Kentucky.....	55,760	37,160	18,590	50.0	5,120,141	2,661,774	2,458,367	92.4	2,724,043	1,260,100	1,463,943	116.2
Tennessee.....	40,963	27,103	13,860	51.1	2,922,713	1,404,997	1,517,716	108.2	1,790,233	817,419	972,814	119.0
Alabama.....	14,486	9,505	4,981	52.4	1,128,564	587,711	540,853	92.0	884,497	324,628	559,869	172.5
Mississippi.....	8,342	6,370	1,972	31.0	644,742	398,272	246,470	61.9	542,011	245,777	296,234	120.5
WEST SOUTH CENTRAL:												
Arkansas.....	29,719	26,486	3,233	12.2	2,096,893	1,783,969	312,924	17.5	1,439,991	855,140	584,851	68.4
Louisiana.....	19,655	9,220	10,435	113.2	1,183,525	549,280	634,245	115.5	924,311	309,082	615,229	199.0
Oklahoma.....	32,295	115,360	16,935	110.3	1,897,486	1,191,997	705,489	59.2	1,250,052	1,539,354	710,698	131.8
Texas.....	36,092	21,810	14,282	65.5	2,235,983	1,342,316	893,667	66.6	1,825,150	725,145	1,100,005	151.7
MOUNTAIN:												
Montana.....	20,710	9,613	11,097	115.4	3,240,696	1,332,062	1,908,634	143.3	1,298,830	661,163	637,667	96.4
Idaho.....	28,341	9,313	19,028	204.3	4,710,262	1,035,290	3,674,972	355.0	1,583,447	442,459	1,140,988	257.8
Wyoming.....	8,333	2,809	5,524	196.7	932,162	262,338	669,824	255.3	524,459	138,368	386,121	279.1
Colorado.....	85,839	44,075	41,764	94.8	11,780,674	4,455,748	7,314,926	163.8	3,704,768	1,717,111	1,987,657	115.8
New Mexico.....	6,230	1,122	5,108	455.3	295,255	72,613	222,642	306.6	234,636	49,552	185,084	373.5
Arizona.....	1,151	626	525	83.9	97,141	33,927	63,214	186.3	98,597	33,923	64,674	190.6
Utah.....	14,210	10,433	3,777	36.2	2,409,093	1,483,570	925,523	62.4	873,961	487,816	386,145	79.2
Nevada.....	4,864	2,235	2,629	117.6	766,826	361,188	405,638	112.3	396,652	194,619	202,033	103.8
PACIFIC:												
Washington.....	67,897	25,119	32,778	130.5	7,667,171	3,557,876	4,109,295	115.5	2,998,737	1,312,943	1,685,794	128.0
Oregon.....	44,265	30,035	14,230	47.4	4,822,962	3,761,367	1,061,595	28.2	2,098,648	1,210,034	888,614	73.4
California.....	67,688	42,098	25,590	60.8	9,824,005	5,242,596	4,581,409	87.4	4,879,449	2,637,528	2,241,921	85.0

1 Includes Indian Territory.

POTATOES—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1900.

Table 76 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).			
	1900	1899	1900	1899	1889	1879	1900	1899	1889	1879
United States.....	3,179,907	2,836,105	3,068,855	2,938,778	2,600,750	911,325	389,194,965	273,318,167	217,546,362	169,458,539
GEOGRAPHIC DIVISIONS:										
New England.....	149,312	156,855	233,095	180,025	159,203	202,099	41,245,977	23,406,222	13,591,099	22,068,090
Middle Atlantic.....	400,285	419,150	729,323	676,493	590,167	505,224	78,395,736	64,372,759	41,571,002	53,493,419
East North Central.....	865,452	828,199	1,106,032	957,193	827,141	128,848	111,606,777	80,988,131	75,480,826	48,750,440
West North Central.....	782,450	721,933	783,813	637,184	645,264	(1)	72,067,551	60,812,316	57,957,907	25,046,084
South Atlantic.....	350,428	270,008	239,762	157,481	122,100	321	22,102,630	12,150,748	8,518,026	6,366,776
East South Central.....	307,436	206,538	119,541	80,138	97,345	(1)	9,816,160	5,051,854	7,917,749	4,263,117
West South Central.....	189,099	143,878	117,761	72,876	34,333	(1)	7,413,887	4,867,562	2,493,981	810,974
Mountain.....	65,085	35,519	169,678	80,226	49,074	7,800	24,232,100	9,046,736	3,468,926	1,723,988
Pacific.....	69,400	54,016	169,850	97,252	69,223	7,033	22,314,138	12,561,830	6,545,916	6,945,672
NEW ENGLAND:										
Maine.....	49,381	49,548	135,799	71,765	40,017	70,170	28,550,837	9,813,748	5,251,430	7,999,625
New Hampshire.....	21,809	24,320	17,370	19,422	22,085	28,778	2,300,241	2,420,068	1,916,641	3,358,828
Vermont.....	27,848	29,167	26,859	28,353	31,943	38,503	4,145,630	3,547,820	2,474,971	4,438,172
Massachusetts.....	24,757	27,470	24,459	27,521	26,873	31,054	2,046,178	3,346,590	1,959,927	3,070,339
Rhode Island.....	3,941	4,190	4,649	5,816	5,595	5,793	552,677	843,853	330,883	606,739
Connecticut.....	21,480	22,142	23,959	27,148	23,090	27,789	2,684,414	3,493,534	1,657,447	2,584,262
MIDDLE ATLANTIC:										
New York.....	183,813	194,914	394,319	395,640	357,464	340,536	48,597,701	38,000,471	24,616,736	33,644,807
New Jersey.....	22,723	25,298	72,991	52,893	40,711	41,609	8,057,424	4,542,816	4,055,851	3,563,783
Pennsylvania.....	193,749	198,947	262,013	227,867	191,992	183,079	21,740,611	21,769,472	12,899,315	16,284,819
EAST NORTH CENTRAL:										
Ohio.....	199,410	199,745	212,808	167,599	185,393	(1)	20,322,984	13,799,238	15,804,931	12,719,215
Indiana.....	140,803	143,643	99,504	84,245	113,599	(1)	8,905,679	6,209,080	9,516,978	6,232,246
Illinois.....	189,903	182,031	138,052	136,404	170,726	(1)	12,100,091	12,051,871	17,725,701	10,365,707
Michigan.....	176,649	166,317	305,483	311,963	198,476	128,848	38,243,828	23,476,444	15,651,833	10,924,111
Wisconsin.....	158,087	145,463	290,185	256,931	159,037	(1)	31,908,195	24,641,498	16,781,883	8,599,161
WEST NORTH CENTRAL:										
Minnesota.....	132,492	110,595	223,692	146,659	105,880	(1)	26,802,048	14,643,327	11,155,707	5,184,676
Iowa.....	170,318	176,488	169,597	175,888	169,870	(1)	14,710,247	17,305,919	18,068,811	9,962,537
Missouri.....	185,790	191,191	98,259	93,915	96,350	(1)	7,796,410	7,786,623	8,188,921	4,189,694
North Dakota.....	51,886	26,148	54,017	21,936	18,262	(1)	5,551,430	2,257,350	1,340,734	* 664,066
South Dakota.....	44,829	33,169	50,052	33,567	35,440	(1)	3,441,692	2,909,914	1,823,968	(1)
Nebraska.....	90,398	80,607	111,151	79,931	103,722	(1)	8,117,775	7,817,438	9,138,273	2,160,883
Kansas.....	107,237	97,735	70,025	85,318	112,734	(1)	5,647,049	8,091,745	8,242,953	2,894,196
SOUTH ATLANTIC:										
Delaware.....	7,641	6,907	9,793	5,755	4,870	(1)	880,360	414,610	403,631	283,864
Maryland.....	34,870	28,582	39,290	20,472	24,987	(1)	3,444,311	1,991,357	1,749,656	1,497,017
District of Columbia.....	91	111	226	191	180	321	32,028	15,586	13,387	33,064
Virginia.....	106,499	83,780	89,027	51,021	36,412	(1)	8,770,778	4,409,672	2,387,333	2,016,766
West Virginia.....	81,297	60,917	42,621	30,123	27,465	(1)	4,077,006	2,245,821	1,987,367	1,398,539
North Carolina.....	77,421	54,764	31,000	23,619	17,375	(1)	2,372,290	1,636,445	1,199,416	722,778
South Carolina.....	13,650	9,177	8,610	8,068	3,793	(1)	782,430	651,916	272,139	144,942
Georgia.....	23,801	13,362	11,877	8,477	5,791	(1)	886,430	553,129	431,008	249,590
Florida.....	5,092	3,408	8,500	3,752	1,218	(1)	856,907	232,212	74,089	20,221
EAST SOUTH CENTRAL:										
Kentucky.....	130,076	97,545	55,750	37,160	49,396	(1)	5,120,141	2,661,774	4,342,551	2,269,890
Tennessee.....	111,967	70,221	40,963	27,193	30,992	(1)	2,922,713	1,404,097	2,733,459	1,354,481
Alabama.....	37,374	17,326	14,486	9,505	5,871	(1)	1,128,564	587,711	470,013	334,925
Mississippi.....	28,019	15,446	8,342	6,370	5,116	(1)	644,742	398,272	362,726	306,821
WEST SOUTH CENTRAL:										
Arkansas.....	79,127	59,593	29,719	26,489	14,442	(1)	2,096,893	1,783,969	1,213,872	402,027
Louisiana.....	18,230	7,649	19,655	9,220	7,990	(1)	1,183,525	549,280	375,842	180,115
Oklahoma.....	45,369	* 31,046	32,295	15,360	70	.....	1,897,486	* 1,191,997	4,762	.....
Texas.....	47,273	48,500	36,092	21,810	11,831	(1)	2,235,983	1,342,316	899,605	228,832
MOUNTAIN:										
Montana.....	11,248	6,522	20,710	9,613	4,204	(1)	3,240,696	1,332,062	495,032	228,792
Idaho.....	14,837	8,426	28,341	9,313	3,721	(1)	4,710,202	1,035,290	370,979	157,307
Wyoming.....	5,125	1,965	8,333	2,800	1,077	(1)	932,162	262,338	140,833	30,686
Colorado.....	16,480	6,475	85,839	44,075	31,454	(1)	11,780,674	4,465,748	1,738,374	383,123
New Mexico.....	3,310	671	6,230	1,122	610	(1)	295,255	72,613	35,999	21,883
Arizona.....	634	276	1,151	620	407	(1)	97,141	33,927	38,918	26,249
Utah.....	12,199	10,187	14,210	10,433	6,591	7,800	2,409,093	1,483,570	519,497	573,565
Nevada.....	1,252	907	4,864	2,235	1,301	(1)	766,826	361,188	189,294	302,142
PACIFIC:										
Washington.....	31,712	21,539	57,897	25,119	13,080	7,033	7,667,171	3,557,876	1,445,018	1,035,177
Oregon.....	25,215	22,717	44,205	30,035	17,965	(1)	4,822,962	3,761,367	1,436,008	1,359,690
California.....	12,533	9,700	67,688	42,098	38,178	(1)	9,824,005	5,242,596	3,664,920	4,550,565

\* Owing to unsatisfactory reports, acreage not published for 1879.

\* Includes South Dakota.

\* See North Dakota.

\* Includes Indian Territory.

INDIVIDUAL CROPS.

POTATOES—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 77

DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
United States.....	100.0	100.0	100.0	100.0	.....	.....	.....	.....	100.0	100.0	100.0	100.0	100.0	100.0	.....	.....	.....	.....	.....	.....
<b>GEOGRAPHIC DIVISIONS:</b>																				
New England.....	6.4	6.1	6.1	22.2	5	4	4	2	10.6	8.6	6.2	13.0	16.8	19.2	4	4	4	4	3	3
Middle Atlantic.....	19.9	23.0	22.9	62.0	3	2	3	1	20.1	23.6	19.1	31.6	32.2	38.1	2	2	3	1	1	1
East North Central.....	30.1	32.6	31.8	14.1	1	1	1	3	28.7	29.6	34.7	28.8	31.0	24.4	1	1	1	2	2	2
West North Central.....	21.4	21.7	24.8	( <sup>1</sup> )	2	3	2		18.5	22.3	26.6	14.8	10.6	7.0	3	3	2	3	4	4
South Atlantic.....	6.5	5.4	4.7	( <sup>1</sup> )	4	5	5	( <sup>1</sup> )	5.7	4.4	3.9	3.8	3.7	4.8	7	6	5	6	5	5
East South Central.....	3.3	2.7	3.7	( <sup>1</sup> )	8	8	6	( <sup>1</sup> )	2.5	1.8	3.6	2.5	2.8	3.5	8	8	6	7	6	6
West South Central.....	3.2	2.5	1.3	( <sup>1</sup> )	9	9	9	( <sup>1</sup> )	1.9	1.8	1.1	0.5	0.5	0.9	9	9	9	9	9	8
Mountain.....	4.6	2.7	1.9	0.9	7	7	8	4	6.2	3.3	1.6	1.0	0.5	0.1	5	7	8	8	8	9
Pacific.....	4.6	3.3	2.7	0.8	6	6	7	5	5.7	4.6	3.0	4.1	1.9	2.0	6	5	7	5	7	7
<b>NEW ENGLAND:</b>																				
Maine.....	3.7	2.4	1.9	7.7	9	13	13	4	7.3	3.6	2.4	4.7	5.4	5.7	4	9	13	8	6	4
New Hampshire.....	0.5	0.7	0.8	3.2	36	32	26	8	0.6	0.9	0.9	2.0	3.2	3.7	33	25	22	15	12	9
Vermont.....	0.7	1.0	1.2	4.2	31	22	20	6	1.1	1.3	1.1	2.6	3.6	4.7	23	20	18	12	10	7
Massachusetts.....	0.7	0.9	1.0	3.4	32	23	23	7	0.8	1.2	0.9	1.8	2.1	2.9	28	22	21	16	14	12
Rhode Island.....	0.1	0.2	0.2	0.6	47	42	37	12	0.1	0.3	0.1	0.4	0.5	0.5	46	37	41	29	26	23
Connecticut.....	0.7	0.9	0.9	3.0	33	24	25	9	0.7	1.3	0.8	1.5	2.0	1.7	30	21	26	18	15	17
<b>MIDDLE ATLANTIC:</b>																				
New York.....	10.7	13.5	13.7	37.4	1	1	1	1	12.5	13.9	11.3	19.9	19.9	23.8	1	1	1	1	1	1
New Jersey.....	2.0	1.8	1.8	4.6	16	14	15	5	2.1	1.7	1.9	2.1	3.3	3.8	15	15	15	14	11	8
Pennsylvania.....	7.1	7.8	7.4	20.1	4	4	3	2	5.6	8.0	5.9	9.6	9.0	10.5	6	4	7	2	2	2
<b>EAST NORTH CENTRAL:</b>																				
Ohio.....	5.8	5.7	7.1	( <sup>1</sup> )	6	6	4	( <sup>1</sup> )	5.2	5.0	7.3	7.5	7.8	7.8	7	7	5	3	3	3
Indiana.....	2.7	2.9	4.4	( <sup>1</sup> )	11	11	8	( <sup>1</sup> )	2.3	2.3	4.4	3.7	3.8	3.5	12	13	9	9	9	10
Illinois.....	3.8	4.6	6.6	( <sup>1</sup> )	8	8	5	( <sup>1</sup> )	3.1	4.7	8.1	6.1	7.6	5.0	9	8	3	5	4	5
Michigan.....	10.0	10.6	7.0	14.1	2	2	2	3	9.8	8.6	7.2	6.5	7.2	4.7	2	3	6	4	5	6
Wisconsin.....	7.9	8.7	6.1	( <sup>1</sup> )	3	3	7	( <sup>1</sup> )	8.2	9.0	7.7	5.0	4.6	3.4	3	2	4	7	7	11
<b>WEST NORTH CENTRAL:</b>																				
Minnesota.....	6.1	5.0	4.1	( <sup>1</sup> )	5	7	11	( <sup>1</sup> )	6.9	5.4	5.1	3.1	1.4	2.3	5	6	8	10	19	14
Iowa.....	4.6	6.0	6.5	( <sup>1</sup> )	7	5	6	( <sup>1</sup> )	3.8	6.3	8.3	5.9	4.1	2.5	8	5	2	6	8	13
Missouri.....	2.6	3.2	3.7	( <sup>1</sup> )	12	9	12	( <sup>1</sup> )	2.0	2.9	3.8	2.5	3.0	1.8	16	12	12	13	13	16
North Dakota.....	1.5	0.8	0.7	( <sup>1</sup> )	20	30	27	( <sup>1</sup> )	1.4	0.8	0.6	0.4	( <sup>2,3</sup> )	( <sup>2,3</sup> )	19	26	29	28	42	39
South Dakota.....	1.4	1.1	1.4	( <sup>1</sup> )	21	19	19	( <sup>1</sup> )	0.9	1.1	0.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	26	23	23	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Nebraska.....	3.0	2.7	4.1	( <sup>1</sup> )	10	12	10	( <sup>1</sup> )	2.1	2.9	4.2	1.3	0.5	0.1	14	11	10	20	24	35
Kansas.....	2.2	2.9	4.3	( <sup>1</sup> )	15	10	9	( <sup>1</sup> )	1.5	3.0	3.8	1.7	1.6	0.3	18	10	11	17	17	30
<b>SOUTH ATLANTIC:</b>																				
Delaware.....	0.3	0.2	0.2	( <sup>1</sup> )	40	43	39	( <sup>1</sup> )	0.2	0.2	0.2	0.2	0.3	0.3	41	42	37	36	29	27
Maryland.....	1.1	0.9	1.0	( <sup>1</sup> )	25	27	24	( <sup>1</sup> )	0.9	0.7	0.8	0.9	1.1	1.1	25	23	24	22	20	20
District of Columbia.....	( <sup>2</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	49	49	48	13	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	49	49	48	43	43	37
Virginia.....	2.4	1.7	1.4	( <sup>1</sup> )	13	15	18	( <sup>1</sup> )	2.3	1.6	1.1	1.2	0.9	2.1	13	17	19	21	21	15
West Virginia.....	1.2	1.0	1.1	( <sup>1</sup> )	23	20	22	( <sup>1</sup> )	1.0	0.8	0.9	0.8	0.7	( <sup>2</sup> )	24	27	20	23	23	( <sup>2</sup> )
North Carolina.....	0.9	0.8	0.7	( <sup>1</sup> )	28	29	29	( <sup>1</sup> )	0.6	0.6	0.5	0.4	0.5	0.8	32	30	31	27	25	22
South Carolina.....	0.2	0.3	0.1	( <sup>1</sup> )	41	40	41	( <sup>1</sup> )	0.2	0.2	0.1	0.1	0.1	0.2	43	38	42	42	39	32
Georgia.....	0.3	0.3	0.2	( <sup>1</sup> )	39	39	36	( <sup>1</sup> )	0.2	0.2	0.2	0.2	0.1	0.3	40	40	36	37	34	28
Florida.....	0.2	0.1	( <sup>2</sup> )	( <sup>1</sup> )	42	44	45	( <sup>1</sup> )	0.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	42	46	45	47	44	38
<b>EAST SOUTH CENTRAL:</b>																				
Kentucky.....	1.5	1.3	1.9	( <sup>1</sup> )	19	18	14	( <sup>1</sup> )	1.3	1.0	2.0	1.3	1.7	1.6	20	24	14	19	16	19
Tennessee.....	1.1	0.9	1.4	( <sup>1</sup> )	24	25	17	( <sup>1</sup> )	0.8	0.5	1.3	0.8	0.8	1.1	29	32	17	25	22	21
Alabama.....	0.4	0.3	0.2	( <sup>1</sup> )	37	36	35	( <sup>1</sup> )	0.3	0.2	0.2	0.2	0.1	0.4	38	39	34	33	35	24
Mississippi.....	0.2	0.2	0.2	( <sup>1</sup> )	43	41	38	( <sup>1</sup> )	0.2	0.1	0.2	0.2	0.2	0.4	45	43	40	34	32	26
<b>WEST SOUTH CENTRAL:</b>																				
Arkansas.....	0.8	0.9	0.6	( <sup>1</sup> )	29	26	30	( <sup>1</sup> )	0.5	0.7	0.6	0.2	0.3	0.4	35	29	30	31	28	25
Louisiana.....	0.5	0.3	0.3	( <sup>1</sup> )	35	38	33	( <sup>1</sup> )	0.3	0.2	0.2	0.1	0.1	0.3	37	41	38	40	40	31
Oklahoma.....	0.9	0.6	( <sup>2</sup> )	( <sup>1</sup> )	27	33	49	( <sup>1</sup> )	0.5	0.4	( <sup>3</sup> )	.....	.....	.....	36	35	49	.....	.....	.....
Texas.....	1.0	0.7	0.5	( <sup>1</sup> )	26	31	32	( <sup>1</sup> )	0.6	0.5	0.4	0.1	0.1	0.2	34	33	32	38	33	33
<b>MOUNTAIN:</b>																				
Montana.....	0.6	0.3	0.2	( <sup>1</sup> )	34	35	40	( <sup>1</sup> )	0.8	0.5	0.2	0.1	0.1	.....	27	34	35	39	38	.....
Idaho.....	0.8	0.3	0.1	( <sup>1</sup> )	30	37	42	( <sup>1</sup> )	1.2	0.4	0.2	0.1	( <sup>1</sup> )	.....	22	36	39	41	41	.....
Wyoming.....	0.2	0.1	0.1	( <sup>1</sup> )	44	45	43	( <sup>1</sup> )	0.2	0.1	0.1	( <sup>2</sup> )	( <sup>2</sup> )	.....	39	45	44	44	46	.....
Colorado.....	2.3	1.5	1.2	( <sup>1</sup> )	14	16	21	( <sup>1</sup> )	3.0	1.6	0.8	0.2	0.1	.....	10	16	25	32	37	.....
New Mexico.....	0.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>1</sup> )	45	47	46	( <sup>1</sup> )	0.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	47	47	47	46	45	41
Arizona.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>1</sup> )	48	48	47	( <sup>1</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	48	48	46	45	47	.....
Utah.....	0.4	0.4	0.3	0.9	38	34	34	10	0.6	0.5	0.2	0.3	0.2	0.1	31	31	33	30	30	36
Nevada.....	0.1	0.1	0.1	( <sup>1</sup> )	40	46	44	( <sup>1</sup> )	0.2	0.1	0.1	0.2	0.1	( <sup>2</sup> )	44	44	43	35	36	40
<b>PACIFIC:</b>																				
Washington.....	1.6	0.9	0.5	0.8	18	28	31	11	2.0	1.3	0.7	0.6	0.2	0.1	17	19	27	26	31	34
Oregon.....	1.2	1.0	0.7	( <sup>1</sup> )	22	21	28	( <sup>1</sup> )	1.2	1.4	0.7	0.8	0.3	0.3	21	18	28	24	27	29
California.....	1.8	1.4	1.5	( <sup>1</sup> )	17	17	16	( <sup>1</sup> )	2.5	1.9	1.7	2.7	1.4	1.6	11	14	16	11	18	18

<sup>1</sup> Census of 1880 gave acreage for but 13 states, owing to unsatisfactory reports.

<sup>2</sup> Includes South Dakota.  
<sup>3</sup> Less than one-tenth of 1 per cent.

POTATOES—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BUSHEL AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

DIVISION OR STATE.	FARMS REPORTING POTATOES.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHELS).				AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms.		Average acres per farm.		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899
	1909	1899	1909	1899												
United States.....	50.0	49.4	1.2	1.0	0.8	0.7	0.7	0.3	106.1	93.0	83.6	185.9	\$0.43	\$0.36	\$45.38	\$33.48
<b>GEOGRAPHIC DIVISIONS:</b>																
New England.....	70.1	81.7	1.0	1.1	3.2	2.2	1.5	1.5	176.9	130.3	85.4	109.1	0.42	0.43	74.89	56.06
Middle Atlantic.....	85.5	80.3	1.8	1.6	2.5	2.2	1.9	1.7	107.5	95.2	60.7	94.6	0.48	0.41	51.13	39.34
East North Central.....	77.0	72.9	1.3	1.2	1.2	1.1	1.1	(1)	100.0	84.0	91.3	(1)	0.34	0.31	33.84	26.64
West North Central.....	70.5	68.1	1.0	0.9	0.5	0.5	0.6	(1)	91.9	95.4	80.8	(1)	0.42	0.26	38.39	24.36
South Atlantic.....	31.5	28.1	0.7	0.6	0.5	0.3	0.3	(1)	92.2	77.2	69.8	(1)	0.64	0.55	58.77	42.49
East South Central.....	20.5	22.9	0.4	0.4	0.3	0.2	0.3	(1)	82.1	63.0	81.3	(1)	0.61	0.52	49.70	33.04
West South Central.....	20.1	19.1	0.0	0.5	0.2	0.2	0.1	(1)	63.0	66.8	72.0	(1)	0.73	0.50	46.19	33.33
Mountain.....	35.5	35.1	2.0	2.3	1.1	1.0	0.9	(1)	142.8	112.8	90.4	(1)	0.36	0.41	51.36	46.43
Pacific.....	36.6	38.2	2.4	1.8	0.8	0.5	0.4	(1)	131.4	129.2	94.6	(1)	0.45	0.41	58.71	53.06
<b>NEW ENGLAND:</b>																
Maine.....	82.3	83.0	2.8	1.4	5.8	3.0	1.6	2.0	210.3	130.7	105.8	114.0	0.30	0.38	75.29	51.72
New Hampshire.....	80.9	83.0	0.8	0.8	1.0	1.8	1.3	1.2	135.0	124.0	80.8	116.7	0.51	0.45	69.35	50.15
Vermont.....	85.1	88.1	1.0	1.0	1.6	1.3	1.2	1.2	154.3	125.1	77.5	115.3	0.42	0.38	64.90	47.04
Massachusetts.....	67.1	72.8	1.0	1.0	2.1	2.1	1.6	1.5	120.5	121.0	72.9	98.9	0.68	0.54	81.52	65.44
Rhode Island.....	74.5	76.4	1.2	1.4	2.6	3.1	2.0	1.9	118.9	145.1	59.1	104.7	0.74	0.52	87.85	75.72
Connecticut.....	80.1	82.2	1.1	1.2	2.4	2.0	1.7	1.7	112.0	128.7	71.8	93.0	0.70	0.49	78.56	63.16
<b>MIDDLE ATLANTIC:</b>																
New York.....	85.3	86.0	2.1	2.0	2.7	2.5	2.2	1.9	123.2	96.2	68.9	98.8	0.42	0.39	51.58	37.96
New Jersey.....	67.0	73.0	3.2	2.1	4.0	2.7	2.3	2.0	110.4	85.0	86.8	85.6	0.62	0.48	68.23	41.45
Pennsylvania.....	88.3	88.7	1.4	1.1	2.1	1.7	1.5	1.4	83.0	95.5	67.2	88.9	0.55	0.43	45.70	41.24
<b>EAST NORTH CENTRAL:</b>																
Ohio.....	73.3	68.9	1.1	0.9	1.1	0.9	1.0	(1)	95.5	81.8	85.3	(1)	0.46	0.42	44.07	34.31
Indiana.....	65.3	64.7	0.7	0.6	0.6	0.5	0.8	(1)	89.5	73.7	83.8	(1)	0.43	0.40	58.35	29.24
Illinois.....	75.4	68.9	0.7	0.7	0.5	0.5	0.7	(1)	88.1	94.9	103.8	(1)	0.53	0.36	46.37	34.46
Michigan.....	85.3	81.8	2.1	1.9	2.8	2.0	2.0	1.6	104.6	75.3	78.9	84.8	0.26	0.29	27.13	21.67
Wisconsin.....	89.6	85.7	1.8	1.8	2.4	2.3	1.6	(1)	110.2	95.9	105.5	(1)	0.25	0.24	27.29	22.68
<b>WEST NORTH CENTRAL:</b>																
Minnesota.....	84.0	75.4	1.7	1.3	1.1	0.8	1.0	(1)	119.8	99.8	105.4	(1)	0.29	0.23	34.36	23.24
Iowa.....	78.5	77.2	1.0	1.0	0.6	0.6	0.7	(1)	86.8	98.4	106.4	(1)	0.45	0.22	39.10	22.01
Missouri.....	67.0	67.1	0.5	0.5	0.4	0.4	0.5	(1)	81.0	82.9	85.0	(1)	0.57	0.35	46.44	29.35
North Dakota.....	60.1	57.7	1.1	0.8	0.3	0.2	0.4	(1,2)	102.7	102.0	73.4	(1,2)	0.37	0.26	38.45	26.78
South Dakota.....	57.7	63.0	1.1	1.0	0.3	0.3	0.5	(9)	68.8	86.7	51.4	(9)	0.57	0.23	39.31	20.27
Nebraska.....	60.7	63.3	1.2	1.0	0.5	0.4	0.7	(1)	73.0	97.8	85.0	(1)	0.47	0.22	34.05	21.71
Kansas.....	60.3	56.5	0.7	0.9	0.3	0.3	0.5	(1)	71.5	94.8	73.1	(1)	0.61	0.31	43.93	29.14
<b>SOUTH ATLANTIC:</b>																
Delaware.....	70.5	71.3	1.3	0.8	1.4	0.8	0.6	(1)	90.7	72.0	82.9	(1)	0.52	0.53	46.73	38.47
Maryland.....	71.3	62.1	1.1	0.9	1.2	0.8	0.7	(1)	87.6	75.2	70.0	(1)	0.52	0.51	45.37	38.53
District of Columbia.....	41.9	41.3	2.5	1.7	4.4	3.3	1.9	2.5	141.7	80.3	70.8	103.0	0.63	0.61	89.52	49.21
Virginia.....	57.9	49.0	0.8	0.6	0.9	0.5	0.4	(1)	100.9	80.4	65.0	(1)	0.65	0.57	65.20	48.89
West Virginia.....	84.1	75.3	0.5	0.4	0.8	0.5	0.6	(1)	95.7	74.6	72.4	(1)	0.50	0.50	53.46	37.63
North Carolina.....	30.5	24.4	0.4	0.4	0.4	0.3	0.2	(1)	74.2	69.3	69.0	(1)	0.74	0.53	54.87	36.52
South Carolina.....	7.7	5.9	0.6	0.9	0.1	0.1	0.1	(1)	90.9	80.8	71.7	(1)	0.78	0.67	70.78	53.97
Georgia.....	8.2	5.0	0.5	0.6	0.1	0.1	0.1	(1)	74.6	65.3	74.4	(1)	0.77	0.59	57.63	38.56
Florida.....	10.2	8.4	1.7	1.1	0.5	0.2	0.1	(1)	100.7	61.9	60.8	(1)	0.98	0.81	98.68	49.61
<b>EAST SOUTH CENTRAL:</b>																
Kentucky.....	50.2	41.0	0.4	0.4	0.4	0.3	0.4	(1)	91.8	71.0	88.0	(1)	0.53	0.47	48.86	33.91
Tennessee.....	45.5	33.9	0.4	0.4	0.4	0.3	0.4	(1)	71.4	51.8	73.9	(1)	0.61	0.58	43.70	30.16
Alabama.....	14.2	7.8	0.4	0.5	0.1	0.1	0.1	(1)	77.9	61.8	81.0	(1)	0.78	0.55	61.06	34.15
Mississippi.....	10.2	7.0	0.3	0.4	0.1	0.1	0.1	(1)	77.3	62.5	70.9	(1)	0.84	0.62	64.97	38.58
<b>WEST SOUTH CENTRAL:</b>																
Arkansas.....	36.9	31.7	0.4	0.5	0.4	0.4	0.3	(1)	70.6	67.4	84.1	(1)	0.69	0.48	48.45	32.29
Louisiana.....	15.1	6.6	1.1	1.2	0.4	0.2	0.2	(1)	60.2	59.0	47.0	(1)	0.78	0.50	47.03	33.52
Oklahoma.....	23.9	28.7	0.7	0.5	0.2	0.2	(9)	.....	58.8	77.6	68.0	.....	0.66	0.45	38.71	25.11
Texas.....	11.3	13.8	0.8	0.4	0.1	0.1	0.1	(1)	62.0	61.5	76.0	(1)	0.82	0.54	50.57	33.25
<b>MOUNTAIN:</b>																
Montana.....	42.9	48.8	1.8	1.5	0.6	0.6	0.5	(1)	156.5	138.6	103.5	(1)	0.40	0.50	62.72	68.78
Idaho.....	48.2	48.2	1.9	1.1	1.0	0.7	0.6	(1)	166.2	111.2	99.7	(1)	0.34	0.43	55.87	47.51
Wyoming.....	46.0	32.2	1.0	1.4	0.7	0.4	0.4	(1)	111.9	98.4	84.0	(1)	0.56	0.53	62.94	49.26
Colorado.....	35.7	26.2	5.2	6.8	2.0	1.9	1.7	(1)	137.2	101.3	55.3	(1)	0.31	0.38	43.16	38.96
New Mexico.....	9.3	5.5	1.9	1.7	0.4	0.3	0.2	(1)	47.4	64.7	58.2	(1)	0.79	0.68	37.66	44.16
Arizona.....	6.9	4.8	1.8	2.3	0.3	0.2	0.4	(1)	84.4	54.2	95.6	(1)	1.01	1.00	85.66	54.20
Utah.....	56.3	52.5	1.2	1.0	1.0	1.0	1.2	1.9	169.5	142.2	78.8	73.5	0.36	0.33	61.50	46.78
Nevada.....	46.6	45.7	3.9	2.2	0.6	0.4	0.2	(1)	157.7	161.6	145.5	(1)	0.52	0.54	81.55	87.08
<b>PACIFIC:</b>																
Washington.....	56.4	64.9	1.8	1.2	0.9	0.7	0.7	1.5	132.4	141.0	110.5	147.2	0.39	0.37	51.71	52.27
Oregon.....	55.4	63.4	1.8	1.3	1.0	0.9	0.5	(1)	109.0	125.2	79.9	(1)	0.44	0.32	47.41	40.29
California.....	14.2	13.5	5.4	4.3	0.6	0.4	0.3	(1)	145.1	124.5	96.0	(1)	0.50	0.50	72.09	62.65

<sup>1</sup> Census of 1890 gave average for but 13 states, owing to unsatisfactory reports.

<sup>4</sup> Includes Indian Territory.

<sup>2</sup> Includes South Dakota.

<sup>6</sup> Less than one-tenth of 1 per cent.

<sup>3</sup> See North Dakota.

SWEET POTATOES AND YAMS.

The United States as a whole.—Table 79 shows the statistics for sweet potatoes and yams for the United States as a whole.

	1909	1899	1889	1879
Number of farms reporting.	1,121,900	1,001,719		
Per cent of all farms.....	17.6	17.5		
Acreage.....	641,255	537,312	524,588	444,817
Increase over preceding census.....	105,943	12,724	79,771	
Per cent of increase.....	19.3	2.4	17.9	
Acres per farm reporting.....	0.6	0.5		
Per cent that acreage in sweet potatoes and yams formed of—				
Total improved acreage.....	0.1	0.1	0.1	0.2
Total reported crop acreage.....	0.2	0.2		
Production (bushels).....	59,232,070	42,517,412	43,950,261	33,378,093
Increase over preceding census <sup>1</sup> .....	16,714,658	-1,432,849	10,571,568	11,668,899
Per cent of increase.....	39.3	-3.3	31.7	59.7
Average yield per acre.....	92.4	79.1	83.8	75.0
Value.....	\$35,429,170	\$19,869,840		
Increase over preceding census.....	\$15,559,336			
Per cent of increase.....	78.3			
Average per bushel.....	\$0.80	\$0.47		
Average per acre.....	\$55.25	\$36.98		
Per cent that value of sweet potatoes and yams formed of total value of all crops.....	0.6	0.7		

<sup>1</sup> A minus sign (-) denotes decrease.

NOTE.—The production of sweet potatoes and yams was 21,709,824 bushels in 1889 and 42,095,026 bushels in 1899.

The acreage of sweet potatoes and yams in 1909 was 641,255, as compared with 537,312 in 1899, showing an increase of 19.3 per cent for the decade. The acreage of these crops constituted only 0.2 per cent of the total reported crop acreage. The number of farms reporting sweet potatoes and yams was 1,121,900, or 17.6 per cent of all the farms, and the average acreage per farm was necessarily very small, only 0.6.

The production of sweet potatoes and yams was 59,232,000 bushels, showing an increase of 16,715,000 bushels, or 39.3 per cent, over that of 1899. The average yield per acre increased from 79.1 bushels in 1899 to 92.4 bushels in 1909.

The value of sweet potatoes and yams in 1909 was \$35,429,000, as compared with \$19,870,000 in 1899, the increase for the decade being \$15,559,000, or 78.3 per cent. The average value of sweet potatoes and yams per acre rose from \$36.98 to \$55.25.

During the 30 years, 1879–1909, the acreage of sweet potatoes and yams increased 196,438, or 44.2 per cent, and the production increased 25,853,000 bushels, or 77.5 per cent, the average yield per acre having increased from 75 bushels in 1879 to 92.4 in 1909.

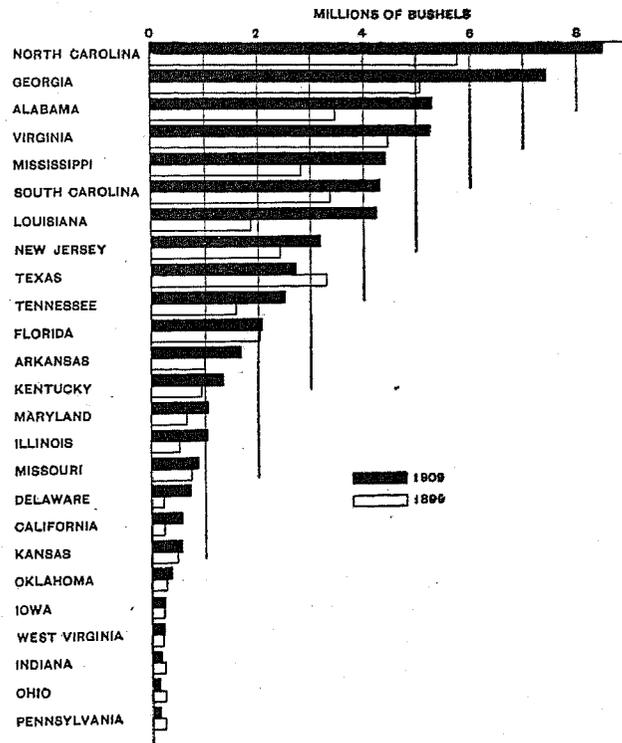
Divisions and states.—Tables 80 to 83, inclusive, give, by divisions and states, information similar to that which Table 79 gives for the United States as a whole. More than nine-tenths, 90.9 per cent, of the acreage of sweet potatoes and yams in 1909 was in the South, and nearly all the rest was in the states bor-

dering on this section, the acreage of this crop in the West being negligible. Of the three southern divisions the South Atlantic was the most important, with 295,879 acres in 1909, while the East South Central had 160,756 acres and the West South Central 126,407 acres.

Of the individual states, North Carolina, Georgia, Alabama, Louisiana, and Mississippi reported an acreage of over 50,000 in sweet potatoes and yams in 1909, and 7 other states in the South reported more than 10,000 acres each. In the North, New Jersey, with 22,504 acres, and Illinois, with 10,568, were the only states with more than 10,000 acres of sweet potatoes and yams, and in the West, 5,111 acres in California comprised more than nine-tenths of the acreage for that section.

Between 1899 and 1909 the southern and western divisions showed increases in the acreage of sweet potatoes and yams, while the northern divisions showed decreases (New England, where the acreage is insignificant, being ignored in this statement). Of the states, Louisiana showed the greatest absolute increase in the acreage of sweet potatoes and yams (29,581, or 108.1 per cent), and Mississippi, North Carolina, Alabama, and Georgia each showed increases of over 10,000 acres, while the greatest relative increase, 218 per cent, was shown for California.

PRODUCTION OF SWEET POTATOES AND YAMS: 1909 AND 1899.



The diagram above shows the production of sweet potatoes and yams, by millions of bushels, for each of the principal producing states for both 1909 and 1899.

The list of 10 leading states in the acreage of sweet potatoes and yams in 1909 and 1899 is given below:

Rank	STATE.	Acres.	Rank	STATE.	Acres.
	<b>1909</b>			<b>1899</b>	
1	North Carolina.....	84,740	1	Georgia.....	70,620
2	Georgia.....	84,038	2	North Carolina.....	68,730
3	Alabama.....	60,613	3	Alabama.....	50,865
4	Louisiana.....	50,953	4	South Carolina.....	48,831
5	Mississippi.....	50,045	5	Texas.....	43,661
6	South Carolina.....	48,878	6	Virginia.....	40,681
7	Texas.....	42,010	7	Mississippi.....	38,109
8	Virginia.....	40,838	8	Louisiana.....	27,372
9	Tennessee.....	20,216	9	Tennessee.....	23,374
10	New Jersey.....	22,504	10	Florida.....	22,791

The concentration in the South of the production of sweet potatoes and yams was somewhat less pronounced than that of the acreage, the yield per acre being less in that section than elsewhere and especially in the two South Central divisions, where the average was considerably below that for the entire country. Nevertheless the South produced more than seven-eighths of all the sweet potatoes and yams raised in 1909. The production increased between 1899 and 1909 in every division and in each of the 19 states having a production in 1909 of at least 500,000 bushels, with the single exception of Texas, which showed a decrease of 17.2 per cent.

The distribution of the value of sweet potatoes and yams was substantially similar to that of the acreage and production. The average value of the crop per bushel varied from 49 cents in the Middle Atlantic, to \$1.35 in the Mountain division. In the South it varied from 54 cents per bushel in the South Atlantic to 69 cents in the West South Central division.

The figures in Table 82, which shows the distribution of the acreage for the several censuses from 1879 to 1909 and of the production from 1859 to 1909, indicate that at no time has the raising of sweet potatoes and yams been of any great importance except in the South, New Jersey being the only state outside of that section to report at any time as much as 2 per cent of either the acreage or the production. In proportion the total acreage of the West South Central division gained decidedly between 1879 and 1909, while the East South Central division showed a corresponding loss in acreage and an even more marked decline in its percentage of the total production. Louisiana and Texas showed marked increases in their proportion of the total acreage between 1879 and 1909, though certain important states in the South Atlantic division showed greater relative gains in production—notably, Georgia, North Carolina, and Virginia.

# INDIVIDUAL CROPS.

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SWEET POTATOES AND YAMS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 80 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BUSHELS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States</b> .....	641,255	537,312	103,943	19.3	59,232,070	42,517,412	16,714,658	39.3	\$35,429,176	\$19,869,840	\$15,559,336	78.3
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	49	8	41	( <sup>1</sup> )	4,818	567	4,251	749.7	4,543	346	4,197	1,213.0
Middle Atlantic.....	23,923	24,104	-181	-0.8	3,326,190	2,662,046	664,144	24.9	1,638,902	1,349,588	289,314	21.4
East North Central.....	13,300	15,394	-2,094	-13.6	1,304,256	1,004,277	359,979	35.8	751,929	619,833	132,096	21.3
West North Central.....	15,381	17,660	-2,279	-12.9	1,606,111	1,491,275	204,836	13.7	1,095,724	895,669	290,055	36.0
South Atlantic.....	295,879	263,925	31,954	12.1	29,628,153	21,881,977	7,746,176	35.4	16,146,222	9,183,650	6,962,572	75.8
East South Central.....	160,756	126,586	34,170	27.0	13,573,580	8,772,133	4,801,447	54.7	9,116,510	4,536,187	4,580,323	101.0
West South Central.....	126,407	87,780	38,627	44.0	9,025,928	6,439,547	2,586,381	40.2	6,265,750	3,220,595	3,045,155	94.6
Mountain.....	439	169	270	159.8	38,877	19,064	19,813	103.9	52,596	14,207	38,389	270.2
Pacific.....	5,121	1,686	3,435	203.7	574,157	246,526	327,631	132.9	357,000	139,765	217,235	155.4
<b>NEW ENGLAND:</b>												
Maine.....												
New Hampshire.....		1	-1			6	-6			6	-6	
Vermont.....	1	4	-3	( <sup>1</sup> )	132	306	-174	-56.9	67	176	-109	-61.9
Massachusetts.....	7	( <sup>2</sup> )	7		548	23	525	( <sup>1</sup> )	433	11	422	( <sup>1</sup> )
Rhode Island.....	( <sup>2</sup> )	1	-1	( <sup>1</sup> )	5	102	-97	-95.1	8	60	-52	( <sup>1</sup> )
Connecticut.....	41	2	39	( <sup>1</sup> )	4,133	130	4,003	3,079.2	4,035	93	3,942	( <sup>1</sup> )
<b>MIDDLE ATLANTIC:</b>												
New York.....	113	73	40	( <sup>1</sup> )	10,921	8,681	2,240	25.8	7,394	5,588	1,806	32.0
New Jersey.....	22,504	20,588	1,916	9.3	3,186,499	2,418,641	767,858	31.7	1,527,074	1,213,010	314,064	25.9
Pennsylvania.....	1,306	3,443	-2,137	-62.1	128,770	234,724	-105,954	-45.1	104,434	130,990	-26,556	-20.3
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,143	3,796	-2,653	-69.9	133,788	249,767	-115,969	-46.4	104,181	158,103	-53,922	-34.1
Indiana.....	1,561	3,989	-2,428	-60.9	178,300	239,487	-61,187	-25.5	139,886	155,585	-15,699	-10.1
Illinois.....	10,568	7,534	3,034	40.3	1,050,932	511,695	539,237	105.4	506,760	303,638	203,122	66.9
Michigan.....	24	71	-47	( <sup>1</sup> )	909	3,242	-2,333	-72.0	905	2,408	-1,503	-62.4
Wisconsin.....	4	4			317	86	231	( <sup>1</sup> )	197	99	98	( <sup>1</sup> )
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	( <sup>3</sup> )	4	-4	( <sup>1</sup> )	50	136	-86	-63.2	80	149	-69	-46.2
Iowa.....	2,274	2,688	-414	-15.4	232,413	224,622	7,791	3.5	125,763	128,961	-3,218	-2.5
Missouri.....	7,938	9,844	-1,906	-19.4	876,234	743,377	132,857	17.9	567,413	424,470	142,943	33.7
North Dakota.....	( <sup>2</sup> )	( <sup>2</sup> )			27	1	26	( <sup>1</sup> )	54	2	52	( <sup>1</sup> )
South Dakota.....	7	3	4	( <sup>1</sup> )	866	105	761	724.8	861	85	776	( <sup>1</sup> )
Nebraska.....	279	551	-272	-49.4	28,500	43,224	-19,724	-40.9	28,121	27,933	188	0.7
Kansas.....	4,883	4,570	313	6.8	558,021	474,810	83,211	17.5	373,432	224,049	149,383	66.7
<b>SOUTH ATLANTIC:</b>												
Delaware.....	5,229	2,265	2,964	130.9	733,746	222,165	511,581	230.3	276,679	96,566	180,113	186.5
Maryland.....	7,956	6,469	1,487	23.0	1,065,956	677,848	388,108	57.3	483,751	317,462	166,289	52.4
District of Columbia.....	126	145	-19	-13.1	19,662	19,936	-274	-1.4	13,287	13,078	209	1.6
Virginia.....	40,838	40,681	157	0.4	5,270,202	4,470,602	799,600	17.9	2,681,472	1,720,188	961,284	55.9
West Virginia.....	2,079	3,393	-1,314	-38.7	215,582	202,424	13,158	6.5	170,086	125,523	44,563	35.5
North Carolina.....	84,740	68,730	16,010	23.3	8,493,283	5,781,587	2,711,696	46.9	4,333,297	2,119,956	2,213,341	104.4
South Carolina.....	48,878	48,831	47	0.1	4,319,926	3,369,957	949,969	28.2	2,606,606	1,538,205	1,068,401	69.5
Georgia.....	84,038	70,620	13,418	19.0	7,420,131	5,087,674	2,332,457	46.0	4,349,806	2,354,390	1,995,416	84.8
Florida.....	21,995	22,791	-796	-3.5	2,083,665	2,049,784	33,881	1.7	1,231,238	898,282	332,956	37.1
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	11,882	14,178	-2,296	-16.2	1,326,245	925,786	400,459	43.3	839,454	607,038	232,416	65.6
Tennessee.....	26,216	23,374	2,842	12.2	2,504,490	1,671,575	832,915	59.4	1,625,056	883,620	741,436	83.9
Alabama.....	66,613	50,865	15,748	31.0	5,314,857	3,457,386	1,857,471	53.7	3,578,710	1,687,039	1,891,671	112.1
Mississippi.....	56,045	38,169	17,876	46.8	4,427,988	2,817,386	1,610,602	57.2	3,073,290	1,458,490	1,614,800	110.7
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	22,388	13,271	9,117	68.7	1,685,308	993,767	691,541	68.7	1,359,669	534,616	825,053	154.3
Louisiana.....	56,953	27,372	29,581	108.1	4,251,086	1,865,482	2,385,604	127.9	2,357,729	859,733	1,497,996	174.2
Oklahoma.....	5,056	* 3,876	1,180	41.4	359,451	* 276,163	83,288	30.2	350,553	* 137,231	213,322	155.4
Texas.....	42,010	43,561	-1,551	-3.6	2,730,083	3,299,135	-569,052	-17.2	2,197,799	1,689,015	508,784	30.1
<b>MOUNTAIN:</b>												
Montana.....									85	227	-142	-62.6
Idaho.....	1	6	-5	( <sup>1</sup> )	185	413	-228	-55.2	30		30	
Wyoming.....	( <sup>3</sup> )				10		10		4,537	2,064	2,473	119.8
Colorado.....	21	20	1	( <sup>1</sup> )	2,827	2,291	536	23.4	18,707	4,588	14,119	307.7
New Mexico.....	211	47	164	( <sup>1</sup> )	13,831	6,180	7,651	123.8	28,098	4,636	23,462	506.1
Arizona.....	200	51	149	( <sup>1</sup> )	21,206	4,299	16,907	393.3	110	1,635	-1,525	-93.3
Utah.....	( <sup>2</sup> )	40	-40	( <sup>1</sup> )	68	4,958	-4,890	-98.6	1,029	1,057	-28	-2.6
Nevada.....	6	5	1	( <sup>1</sup> )	760	923	-173	-18.7				
<b>PACIFIC:</b>												
Washington.....	5	52	-47	( <sup>1</sup> )	500	4,672	-4,172	-89.3	418	2,250	-1,832	-51.4
Oregon.....	5	27	-22	( <sup>1</sup> )	843	2,825	-1,982	-70.2	958	1,903	-945	-49.7
California.....	5,111	1,607	3,504	218.0	572,814	239,029	333,785	139.6	355,624	135,612	220,012	162.2

<sup>1</sup> Per cent not shown where base is less than 100.

<sup>2</sup> Less than 1 acre.

<sup>3</sup> Includes Indian Territory.

## SWEET POTATOES AND YAMS—FARMS REPORTING, ACREAGE, AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1909.

Table 81 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BUSHELS).			
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879
<b>United States.....</b>	<b>1,121,900</b>	<b>1,001,719</b>	<b>641,255</b>	<b>537,312</b>	<b>524,588</b>	<b>444,817</b>	<b>59,232,070</b>	<b>42,517,412</b>	<b>43,950,261</b>	<b>33,378,693</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	50	14	49	8	16	( <sup>1</sup> )	4,818	507	1,047	2,082
Middle Atlantic.....	18,634	23,500	23,923	24,104	21,117	24,523	3,326,190	2,602,046	2,346,561	2,277,705
East North Central.....	39,470	64,369	13,300	15,304	8,017	12,550	1,364,256	1,004,277	789,074	745,943
West North Central.....	47,155	57,020	15,381	17,060	14,339	13,260	1,096,111	1,491,275	1,329,159	762,705
South Atlantic.....	484,044	422,078	205,879	263,925	244,790	202,684	29,628,153	21,881,977	19,602,572	15,388,770
East South Central.....	368,122	289,030	160,756	126,586	135,537	141,631	13,573,580	8,772,133	10,424,045	10,447,234
West South Central.....	162,863	139,875	120,407	87,780	98,645	50,169	9,025,928	6,439,547	9,253,534	3,659,449
Mountain.....	420	188	430	169	280	( <sup>1</sup> )	38,877	19,064	20,374	8,520
Pacific.....	1,152	570	5,121	1,686	947	( <sup>1</sup> )	574,157	246,526	123,895	86,284
<b>NEW ENGLAND:</b>										
Maine.....					4				267	
New Hampshire.....		1		1	1			6	93	
Vermont.....	2	4	1	4			132	306		
Massachusetts.....	22	2	7	( <sup>2</sup> )	2	( <sup>1</sup> )	548	23	137	450
Rhode Island.....	3	4	( <sup>2</sup> )	1		( <sup>1</sup> )	5	102	2	714
Connecticut.....	23	3	41	2	9	( <sup>1</sup> )	4,133	130	548	918
<b>MIDDLE ATLANTIC:</b>										
New York.....	109	121	113	73	26	( <sup>1</sup> )	10,921	8,681	2,281	6,633
New Jersey.....	7,666	7,080	22,504	20,588	20,157	21,224	3,186,499	2,418,641	2,254,344	2,086,721
Pennsylvania.....	10,859	20,450	1,306	3,443	934	3,299	128,770	234,724	89,936	184,142
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	8,238	18,484	1,143	3,796	1,430	4,788	133,798	249,767	148,408	239,578
Indiana.....	11,420	25,507	1,561	3,980	2,075	3,282	178,300	239,487	177,293	244,630
Illinois.....	19,675	20,076	10,568	7,534	5,253	4,480	1,050,032	511,695	451,125	249,407
Michigan.....	124	291	21	71	117	( <sup>1</sup> )	909	3,242	9,579	4,904
Wisconsin.....	13	11	4	4	42	( <sup>1</sup> )	317	86	2,069	7,124
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	15	7	( <sup>2</sup> )	4	7		50	136	365	
Iowa.....	3,667	5,450	2,274	2,688	2,014	1,430	232,413	224,622	189,874	122,368
Missouri.....	86,258	41,689	7,038	9,844	6,243	6,635	876,234	743,377	561,551	481,484
North Dakota.....	3	1	( <sup>2</sup> )	( <sup>2</sup> )	1		27	1	40	
South Dakota.....	30	5	7	3	2		866	105	140	
Nebraska.....	1,083	1,384	270	551	480	( <sup>1</sup> )	28,500	48,224	43,343	13,628
Kansas.....	0,009	8,400	4,833	4,570	5,592	5,195	568,021	474,810	533,846	195,225
<b>SOUTH ATLANTIC:</b>										
Delaware.....	4,560	4,332	5,220	2,265	2,158	2,472	733,746	222,165	202,914	198,937
Maryland.....	11,175	11,037	7,956	6,469	4,024	4,231	1,065,956	677,848	408,549	329,590
District of Columbia.....	53	47	126	145	217	( <sup>1</sup> )	19,662	19,936	31,256	23,347
Virginia.....	67,500	68,104	40,838	40,081	28,180	23,755	5,270,202	4,470,602	2,816,041	1,901,521
West Virginia.....	15,032	18,512	2,070	3,303	1,370	2,187	215,582	202,424	109,385	87,214
North Carolina.....	142,238	112,051	84,740	68,730	71,782	50,803	8,493,288	5,781,587	5,665,391	4,576,148
South Carolina.....	88,340	70,145	48,878	48,831	46,086	39,059	4,310,926	3,369,957	3,063,040	2,189,622
Georgia.....	131,458	103,983	84,038	70,020	71,399	61,010	7,426,131	5,087,674	5,616,317	4,897,778
Florida.....	23,070	23,907	21,065	22,791	18,698	19,167	2,083,665	2,049,784	1,749,679	1,667,513
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	63,046	59,447	11,882	14,178	10,953	21,069	1,320,245	925,786	904,125	1,017,554
Tennessee.....	89,361	74,908	20,210	23,374	23,746	35,432	2,504,490	1,571,575	1,973,025	2,369,901
Alabama.....	117,522	87,134	66,613	60,805	56,650	43,250	5,314,857	3,457,386	4,339,170	3,448,819
Mississippi.....	97,593	67,490	50,045	38,169	44,188	41,874	4,427,088	2,817,386	3,207,125	3,610,660
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	53,207	35,732	22,388	13,271	10,445	12,069	1,685,308	998,767	1,822,960	881,260
Louisiana.....	52,074	29,014	56,953	27,372	20,555	17,923	4,251,086	1,865,482	1,912,080	1,318,110
Oklahoma.....	9,480	* 11,920	5,056	* 3,570	189		359,451	* 276,163	13,042	
Texas.....	48,002	63,209	42,010	43,561	52,596	19,580	2,730,083	3,299,135	5,505,452	1,460,079
<b>MOUNTAIN:</b>										
Idaho.....	5	7	1	6	3		185	413	222	
Wyoming.....	1		( <sup>2</sup> )				10		5	
Colorado.....	50	25	21	20	50		2,827		5,847	
New Mexico.....	200	42	211	47	117	( <sup>1</sup> )	13,831	6,180	5,351	3,217
Arizona.....	130	58	200	51	101	( <sup>1</sup> )	21,206	4,299	8,619	5,363
Utah.....	5	40	( <sup>2</sup> )	40	1		68	4,058	230	
Nevada.....	20	7	6	5	2		750	923	100	
<b>PACIFIC:</b>										
Washington.....	8	60	5	52	11		500	4,672	2,535	
Oregon.....	11	27	5	27	5		843	2,825	503	
California.....	1,133	477	5,111	1,607	931	( <sup>1</sup> )	572,814	230,029	120,852	86,264

\* Owing to unsatisfactory reports, acreage not published.

\* Less than 1 acre.

\* Includes Indian Territory.

INDIVIDUAL CROPS.

SWEET POTATOES AND YAMS—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 82 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
United States.....	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0						
<b>GEOGRAPHIC DIVISIONS:</b>																				
New England.....	(1)	(1)	(1)	(2)	9	9	9		(1)	(1)	(1)	(1)	(1)	(1)	9	9	9	9	8	8
Middle Atlantic.....	3.7	4.5	4.0	5.5	4	4	4	4	5.6	6.3	5.3	6.8	7.8	2.8	4	4	4	4	4	4
East North Central.....	2.1	2.9	1.7	2.8	6	6	6	6	2.3	2.4	1.8	2.2	3.3	2.2	6	6	6	6	5	5
West North Central.....	2.4	3.3	2.7	3.0	5	5	5	5	2.9	3.5	3.0	2.3	1.5	0.9	5	5	5	5	6	6
South Atlantic.....	46.1	49.1	46.7	45.6	1	1	1	1	50.0	51.5	44.7	46.1	41.7	48.2	1	1	1	1	1	1
East South Central.....	25.1	23.6	25.8	31.8	2	2	2	2	22.9	20.6	23.7	31.3	25.9	32.4	2	2	2	2	2	2
West South Central.....	19.7	16.3	18.8	11.3	3	3	3	3	15.2	15.1	21.1	11.0	18.9	13.0	3	3	3	3	3	3
Mountain.....	0.1	(1)	0.1	(2)	8	8	8		0.1	(1)	(1)	(1)	(1)	(1)	8	8	8	8	9	9
Pacific.....	0.8	0.3	0.2	(2)	7	7	7		1.0	0.6	0.3	0.3	0.9	0.5	7	7	7	7	7	7
<b>NEW ENGLAND:</b>																				
Maine.....			(1)					38			(1)		(1)	(1)			38		35	29
New Hampshire.....		(1)	(1)					43			(1)	(1)		(1)		45	44		37	38
Vermont.....	(1)	(1)			41	39			(1)	(1)			(1)	(1)	41	38			39	32
Massachusetts.....	(1)		(1)		34			40	(1)	(1)	(1)	(1)	(1)	(1)	37	44	42	34	31	33
Rhode Island.....		(1)						44	(1)	(1)	(1)	(1)	(1)	(1)	46	42	47	33	38	30
Connecticut.....	(1)	(1)	(1)		31	42		35	(1)	(1)	(1)	(1)	(1)	(1)	31	40	35	32	32	27
<b>MIDDLE ATLANTIC:</b>																				
New York.....	(1)	(1)	(1)		30	28		33	(1)	(1)	(1)	(1)	0.1	(1)	30	28	34	28	25	25
New Jersey.....	3.5	3.8	3.8	4.8	10	11		10	8	5.4	5.7	5.1	6.3	7.1	8	8	8	7	6	13
Pennsylvania.....	0.2	0.6	0.2	0.7	24	21		23	19	0.2	0.5	0.2	0.6	0.6	0.3	25	22	24	21	20
<b>EAST NORTH CENTRAL:</b>																				
Ohio.....	0.2	0.7	0.3	1.1	25	19		21	16	0.2	0.6	0.3	0.7	1.1	0.7	24	19	21	18	16
Indiana.....	0.2	0.8	0.4	0.7	23	18		19	20	0.3	0.6	0.4	0.7	0.7	0.7	23	20	20	17	17
Illinois.....	1.6	1.4	1.0	1.0	14	15		16	17	1.8	1.2	1.0	0.7	1.5	0.7	15	16	16	16	14
Michigan.....	(1)	(1)	(1)		32	29		28		(1)	(1)	(1)	(1)	(1)	0.1	33	33	28	30	27
Wisconsin.....	(1)	(1)	(1)		39	40		32		(1)	(1)	(1)	(1)	(1)	(1)	39	43	32	27	28
<b>WEST NORTH CENTRAL:</b>																				
Minnesota.....		(1)	(1)					38	36	(1)	(1)	(1)		(1)	(1)	43	39	37		39
Iowa.....	0.4	0.5	0.4	0.3	21	23		20	23	0.4	0.5	0.4	0.4	0.2	0.1	21	23	19	22	24
Missouri.....	1.2	1.8	1.2	1.5	16	14		14	14	1.5	1.7	1.3	1.3	1.1	0.8	16	14	14	14	15
North Dakota.....			(1)					44		(1)	(1)	(1)				44	46	45		
South Dakota.....	(1)	(1)	(1)		35	41		42		(1)	(1)	(1)				34	41	41		
Nebraska.....	(1)	0.1	0.1		26	26		25		(1)	0.1	0.1	(1)	(1)	(1)	26	26	25	26	33
Kansas.....	0.8	0.9	1.1	1.2	20	17		15	15	0.9	1.1	1.2	0.6	0.2	(1)	19	17	15	20	22
<b>SOUTH ATLANTIC:</b>																				
Delaware.....	0.8	0.4	0.4	0.6	17	24		18	21	1.2	0.5	0.5	0.6	0.4	0.3	17	24	18	19	21
Maryland.....	1.2	1.2	0.9	1.0	15	16		17	18	1.8	1.6	0.9	1.0	1.0	0.6	14	15	17	15	18
District of Columbia.....	(1)	(1)	(1)		29	27		26		(1)	(1)	0.1	0.1	(1)	(1)	28	27	26	25	26
Virginia.....	6.4	7.6	5.4	5.3	8	6		7	7	8.0	10.5	6.4	5.7	4.0	4.7	4	3	7	8	11
West Virginia.....	0.3	0.6	0.3	0.5	22	22		22	22	0.4	0.5	0.3	0.3	0.2	(1)	22	25	23	23	(1)
North Carolina.....	13.2	12.8	13.7	11.4	1	2		1	2	14.3	13.6	12.9	13.7	14.2	14.6	1	1	1	1	2
South Carolina.....	7.6	9.1	8.8	8.8	6	4		5	5	7.3	7.9	7.0	6.6	6.2	9.8	6	5	6	6	7
Georgia.....	13.1	13.1	13.6	13.7	2	1		2	1	12.5	12.0	12.8	13.2	12.1	15.5	2	2	2	2	1
Florida.....	3.4	4.2	3.6	4.3	12	10		12	11	3.5	4.8	4.0	5.1	3.6	2.7	11	9	12	9	13
<b>EAST SOUTH CENTRAL:</b>																				
Kentucky.....	1.9	2.6	2.1	4.7	13	12		13	9	2.2	2.2	2.1	3.0	3.7	2.5	13	13	13	12	12
Tennessee.....	4.1	4.4	4.5	8.0	9	9		9	6	4.2	3.7	4.5	7.1	5.6	6.2	10	11	9	5	8
Alabama.....	10.4	9.5	10.8	9.7	3	3		3	3	9.0	8.1	9.9	10.3	8.6	12.9	3	4	4	4	3
Mississippi.....	8.7	7.1	8.4	9.4	5	7		6	4	7.5	6.6	7.3	10.8	8.0	10.8	5	7	5	3	4
<b>WEST SOUTH CENTRAL:</b>																				
Arkansas.....	3.5	2.5	3.7	2.9	11	13		11	13	2.8	2.3	4.1	2.6	4.1	3.7	12	12	11	13	10
Louisiana.....	8.9	5.1	5.1	4.0	4	8		8	12	7.2	4.4	4.4	3.9	4.7	4.9	7	10	10	11	9
Oklahoma.....	0.8	0.7	(1)		19	20		27		0.6	0.7	(1)				20	18	27		
Texas.....	6.6	8.1	10.0	4.4	7	5		4	10	4.6	7.8	12.5	4.4	10.1	4.4	9	6	3	10	3
<b>MOUNTAIN:</b>																				
Montana.....																				
Idaho.....	(1)	(1)	(1)		40	36		39		(1)	(1)	(1)				40	37	40		
Wyoming.....										(1)	(1)	(1)				45		46		
Colorado.....	(1)	(1)	(1)		33	35		31		(1)	(1)	(1)		(1)		32	35	30		40
New Mexico.....	(1)	(1)	(1)		27	32		29		(1)	(1)	(1)		(1)		29	29	31	31	36
Arizona.....	(1)	(1)	(1)		28	31		30		(1)	(1)	(1)		(1)		27	32	29	29	41
Utah.....		(1)	(1)					33	45	(1)	(1)	(1)		(1)		42	30	39		36
Nevada.....	(1)	(1)	(1)		36	37		41		(1)	(1)	(1)		(1)		36	36	43		35
<b>PACIFIC:</b>																				
Washington.....	(1)	(1)	(1)		38	30		34		(1)	(1)	(1)		(1)	(1)	38	31	33		34
Oregon.....	(1)	(1)	(1)		37	34		37		(1)	(1)	(1)		(1)	(1)	35	34	36		29
California.....	0.8	0.3	0.2		18	25		24		1.0	0.6	0.3	0.3	0.9	0.5	18	21	22	24	18

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Census of 1880 gave acreage for but 23 states, owing to unsatisfactory reports.

<sup>3</sup> Includes West Virginia.

<sup>4</sup> See Virginia.

<sup>5</sup> Includes Indian Territory.

SWEET POTATOES AND YAMS—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BUSHEL AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

DIVISION OR STATE.	FARMS REPORTING SWEET POTATOES AND YAMS.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BUSHELS).				AVERAGE VALUE PER BUSHEL.		AVERAGE VALUE PER ACRE.	
	Per cent of all farms.		Average acres per farm.		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899
	1909	1899	1909	1899												
United States.....	17.6	17.5	0.6	0.5	0.1	0.1	0.1	0.2	92.4	79.1	83.8	75.0	\$0.60	\$0.47	\$55.25	\$36.98
GEOGRAPHIC DIVISIONS:																
New England.....	(1)	(1)	1.0	0.6	(1)	(1)	(1)	(1)	98.3	70.9	65.4	(2)	0.94	0.61	92.71	43.25
Middle Atlantic.....	4.0	5.9	1.3	0.8	0.1	0.1	0.1	0.1	139.0	110.4	111.1	92.9	0.49	0.51	98.51	55.99
East North Central.....	3.5	5.7	0.3	0.2	(1)	(1)	(1)	(1)	102.6	65.2	88.5	59.4	0.55	0.62	56.54	40.26
West North Central.....	4.2	5.4	0.3	0.3	(1)	(1)	(1)	(1)	110.3	84.4	92.7	57.5	0.65	0.54	71.24	45.62
South Atlantic.....	43.5	43.9	0.6	0.6	0.6	0.6	0.6	0.6	100.1	82.9	80.3	75.9	0.54	0.42	54.57	34.80
East South Central.....	35.3	32.0	0.4	0.4	0.4	0.3	0.4	0.5	84.4	60.3	70.9	73.8	0.67	0.52	56.71	35.83
West South Central.....	17.3	18.5	0.8	0.6	0.2	0.2	0.3	0.3	71.4	73.4	93.8	72.9	0.69	0.50	40.57	36.69
Mountain.....	0.2	0.2	1.0	0.9	(1)	(1)	(1)	(1)	88.6	112.8	72.8	(1)	1.35	0.75	119.81	84.07
Pacific.....	0.0	0.4	4.4	3.0	(1)	(1)	(1)	(1)	112.1	146.2	130.8	(2)	0.62	0.57	69.71	82.90
NEW ENGLAND:																
Maine.....							(1)									
New Hampshire.....		(1)		1.0		(1)	(1)			6.0	93.0			1.00		6.00
Vermont.....	(1)	(1)	0.5	1.0	(1)	(1)			132.0	76.5			0.51	0.58	87.00	44.00
Massachusetts.....	0.1	(1)	0.3	(2)	(1)	(2)	(1)	(2)	78.3	(2)	68.5	(2)	0.70	0.48	61.86	(1)
Rhode Island.....	0.1	0.1	(2)	0.2	(2)	(1)		(2)	(2)	102.0		(2)	1.00	0.59	(2)	60.00
Connecticut.....	0.1	(1)	1.8	0.7	(1)	(1)	(1)	(2)	100.8	65.0	60.9	(2)	0.98	0.72	98.41	46.50
MIDDLE ATLANTIC:																
New York.....	0.1	0.1	1.0	0.6	(1)	(1)	(1)	(2)	96.6	118.9	87.7	(2)	0.68	0.64	65.43	76.55
New Jersey.....	22.9	23.0	2.9	2.6	1.2	1.0	1.0	1.0	141.6	117.5	111.8	98.3	0.48	0.50	87.86	58.92
Pennsylvania.....	5.0	9.1	0.1	0.2	(1)	(1)	(1)	(1)	98.6	68.2	96.3	55.8	0.81	0.56	79.96	38.05
EAST NORTH CENTRAL:																
Ohio.....	3.0	6.7	0.1	0.2	(1)	(1)	(1)	(1)	117.1	65.8	103.8	50.0	0.78	0.63	91.15	41.65
Indiana.....	5.3	11.5	0.1	0.2	(1)	(1)	(1)	(1)	114.2	60.0	85.4	74.6	0.78	0.65	89.01	39.00
Illinois.....	7.8	7.6	0.5	0.4	(1)	(1)	(1)	(1)	90.4	67.0	85.9	55.7	0.48	0.59	47.95	40.30
Michigan.....	0.1	0.1	0.2	0.2	(1)	(1)	(1)	(2)	37.9	45.7	81.0	(2)	1.00	0.74	37.71	33.92
Wisconsin.....	(1)	(1)	0.3	0.4	(1)	(1)	(1)	(2)	79.2	21.5	63.5	(2)	0.62	1.15	49.25	24.75
WEST NORTH CENTRAL:																
Minnesota.....	(1)	(1)	(2)	0.6	(2)	(1)	(1)		(2)	34.0	52.1		1.60	1.10	(2)	37.25
Iowa.....	1.7	2.4	0.6	0.5	(1)	(1)	(1)	(1)	102.2	83.0	94.3	85.6	0.54	0.57	55.30	47.98
Missouri.....	13.1	14.6	0.2	0.2	(1)	(1)	(1)	(1)	110.4	75.5	80.9	65.0	0.65	0.57	71.48	43.12
North Dakota.....	(1)	(1)	(2)	(2)	(2)	(2)	(1)		(2)	(2)	40.0		2.00	2.00	(2)	(2)
South Dakota.....	(1)	(1)	0.2	0.6	(1)	(1)	(1)		123.7	35.0	70.0		0.99	0.81	123.00	28.33
Nebraska.....	0.8	1.1	0.3	0.4	(1)	(1)	(1)	(2)	102.2	87.5	90.3	(2)	0.99	0.58	100.79	56.70
Kansas.....	3.4	4.9	0.8	0.5	(1)	(1)	(1)	(1)	114.3	103.0	95.5	37.6	0.67	0.47	76.48	49.05
SOUTH ATLANTIC:																
Delaware.....	42.1	44.7	1.1	0.5	0.7	0.3	0.3	0.3	140.3	98.1	94.0	79.3	0.38	0.43	52.91	42.63
Maryland.....	22.8	24.0	0.7	0.6	0.2	0.2	0.1	0.1	134.0	104.8	83.0	77.9	0.45	0.47	60.80	49.07
District of Columbia.....	24.4	17.5	2.4	3.1	2.5	2.4	2.2	(2)	156.0	137.5	144.0	(2)	0.68	0.66	105.45	90.19
Virginia.....	36.7	40.6	0.6	0.6	0.4	0.4	0.3	0.3	120.1	100.9	99.9	80.0	0.51	0.58	65.66	42.28
West Virginia.....	16.2	19.9	0.1	0.2	(1)	0.1	(1)	0.1	103.7	50.7	79.8	30.9	0.79	0.62	81.81	36.99
North Carolina.....	50.1	50.3	0.6	0.6	1.0	0.8	0.9	0.8	100.2	84.1	70.0	90.1	0.51	0.37	51.14	30.84
South Carolina.....	50.1	50.9	0.6	0.6	0.8	0.8	0.9	0.9	88.4	69.0	66.5	56.1	0.60	0.40	53.33	31.50
Georgia.....	45.2	40.3	0.6	0.7	0.7	0.7	0.7	0.7	88.4	72.0	78.7	72.1	0.59	0.40	51.76	33.34
Florida.....	46.1	58.7	1.0	1.0	1.2	1.5	1.6	2.0	94.7	89.9	93.6	88.0	0.59	0.44	55.98	39.41
EAST SOUTH CENTRAL:																
Kentucky.....	24.0	25.3	0.2	0.2	0.1	0.1	0.1	0.2	111.6	65.3	82.5	48.3	0.63	0.55	70.65	35.76
Tennessee.....	36.3	33.4	0.3	0.3	0.2	0.2	0.3	0.4	95.5	67.2	83.1	66.9	0.65	0.56	(1.99)	37.80
Alabama.....	44.7	39.0	0.6	0.6	0.7	0.6	0.7	0.7	79.8	68.0	76.6	79.7	0.67	0.49	53.72	33.17
Mississippi.....	35.6	30.6	0.6	0.6	0.6	0.5	0.6	0.8	79.0	73.8	72.6	86.2	0.60	0.52	54.84	38.21
WEST SOUTH CENTRAL:																
Arkansas.....	24.8	20.0	0.4	0.4	0.3	0.2	0.4	0.4	75.3	75.3	93.7	69.6	0.81	0.54	60.73	40.28
Louisiana.....	43.2	25.0	1.1	0.9	1.1	0.6	0.7	0.7	74.6	68.2	72.0	73.5	0.55	0.46	41.40	31.41
Oklahoma.....	5.0	11.0	0.5	0.3	(1)	(2)	(1)		71.1	77.2	93.8		0.98	0.50	69.33	48.38
Texas.....	11.5	17.9	0.9	0.7	0.2	0.2	0.3	0.2	65.0	75.7	104.9	74.6	0.81	0.51	52.32	38.77
MOUNTAIN:																
Idaho.....	(1)	(1)	0.2	0.0	(1)	(1)	(1)		185.0	98.8	74.0		0.46	0.55	85.00	37.83
Wyoming.....	(1)		(2)		(2)				(2)				3.00		(2)	
Colorado.....	0.1	0.1	0.4	0.8	(1)	(1)	(1)		134.6	114.6	104.4		1.60	0.90	216.05	103.20
New Mexico.....	0.6	0.3	1.1	1.1	(1)	(1)	(1)	(2)	65.5	131.5	45.7	(2)	1.35	0.74	88.66	97.62
Arizona.....	1.5	1.0	1.4	0.9	0.1	(1)	0.1	(2)	106.0	84.3	85.3	(2)	1.33	1.68	140.49	90.60
Utah.....	(1)	0.3	(2)	0.8	(2)	(1)	(1)		(2)	124.0	230.0		1.62	0.33	(2)	40.83
Nevada.....	0.7	0.3	0.3	0.7	(1)	(1)	(1)		125.0	184.0	50.0		1.37	1.15	171.50	211.40
PACIFIC:																
Washington.....	(1)	0.2	0.6	0.8	(1)	(1)	(1)		100.0	89.8	230.5		0.84	0.48	83.60	43.27
Oregon.....	(1)	0.1	0.5	1.0	(1)	(1)	(1)		168.6	104.6	101.6		1.14	0.67	191.60	79.43
California.....	1.3	0.7	4.5	3.4	(1)	(1)	(1)	(2)	112.1	148.7	129.8	(2)	0.62	0.57	69.58	84.39

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Census of 1930 gave average for but 21 states, owing to unsatisfactory reports.

<sup>3</sup> Less than 1 acre.

<sup>4</sup> Includes Indian Territory.

OTHER VEGETABLES.

The United States as a whole.—Except for potatoes and sweet potatoes and yams, which are generally grown in considerable quantities, it is practically impossible to obtain a correct total of the acreage, production, or value of individual kinds of vegetables. Enumerators were instructed to obtain from every farm a separate report for any vegetable grown for sale in considerable quantities, and in all cases to ascertain the total acreage in vegetables of all classes combined, whether grown for farm use or for sale, and the total value of the product. It is scarcely likely, however, that the total acreage and value reported are as accurate even in the case of all vegetables combined as in the case of the major crops, since on many farms the production of vegetables is practically confined to small gardens, for which no acreage or value was reported.

In 1909 the agricultural schedule contained an inquiry as to whether the farm had a farm garden, and a further inquiry as to the acreage and value of vegetables. The total number of farms that reported farm gardens in 1909 was 4,969,540, or 78.1 per cent of all farms, of which 4,261,776 farms gave the acreage and value of the products and 707,763 farms failed to give such information. In 1899 there was no separate inquiry as to farm gardens, but 3,514,566 farms reported the acreage and value of vegetables. To this total was added an estimated number of 757,534 farms, which were presumed to have raised some vegetables although not reporting acreage or value; so that the total number of farms raising vegetables in 1899, including the estimate, was 4,272,100, or 74.5 per cent of all farms.

In tabulating the statistics the Census Bureau has distinguished between farms which reported the production in 1909 of vegetables (other than potatoes and sweet potatoes and yams) valued at \$500 or more and those on which the product was valued at less than that amount. Farms of the former group usually produce vegetables chiefly for sale and make this an important part of their business, while on a large proportion of the other farms vegetables are raised only for home consumption. No comparable classification of farms raising vegetables was made in 1899. Of the total number of farms reporting vegetables in 1909, 4,220,045 reported a value of products less than \$500, while 41,731 reported a value of \$500 or over.

The reported acreage of vegetables, other than potatoes and sweet potatoes and yams, in 1909 was 2,763,269, as compared with 2,162,130 in 1899. The acreage of vegetables reported on farms with a product of less than \$500 in value was 2,196,752, or 0.5 per farm, while that reported on farms with a product valued at \$500 or over was 566,517, or an average of 13.58 per farm.

The reported value of vegetables increased from \$120,282,000 in 1899 to \$216,257,000 in 1909. The value of vegetables produced on farms reporting a total less than \$500 was \$156,153,000, or \$37 per farm and

\$71.08 per acre, while the value of vegetables raised on farms reporting a total of over \$500 was \$60,105,000, or \$1,440 per farm and \$106.09 per acre.

In addition to the data for all vegetables, other than potatoes and sweet potatoes and yams combined, a tabulation of the farms reporting acreage and value was made for every vegetable for which at least 100 farms reported 1 acre or more. The results for the United States as a whole are given in Table 84.

Table 84

VEGETABLE.	VEGETABLES (EXCLUDING POTATOES AND SWEET POTATOES AND YAMS): 1909		
	Farms reporting.	Acres.	Value.
Asparagus.....	5,300	25,639	\$2,248,631
Beans (green).....	21,561	53,610	2,844,951
Beets.....	1,684	3,202	352,896
Cabbage.....	43,843	125,986	9,719,641
Cantaloupes and muskmelons.....	16,278	52,419	3,604,636
Carrots.....	2,608	3,764	473,499
Cauliflower.....	1,060	3,466	602,885
Celery.....	4,005	15,863	3,922,833
Corn (pop).....	2,535	12,773	326,141
Corn (sweet).....	48,514	178,224	5,936,419
Cucumbers.....	16,714	32,310	2,719,340
Eggplant.....	469	894	154,643
Horse-radish.....	480	1,475	232,885
Kale.....	337	1,495	146,010
Lettuce.....	2,178	5,489	1,598,085
Okra.....	148	347	24,969
Onions.....	14,989	47,625	6,709,647
Onions (green).....	120	184	44,788
Parsley.....	112	192	27,181
Parsnips.....	436	722	102,674
Peas (green).....	17,219	70,457	2,785,502
Peppers (green).....	1,641	3,433	408,741
Pumpkins.....	361	1,163	29,993
Radishes.....	895	2,269	293,062
Rhubarb.....	1,021	2,364	338,831
Rutabagas.....	353	631	30,970
Spinach.....	1,122	6,668	817,079
Sprouts.....	188	300	45,576
Squash.....	1,002	2,380	207,391
Tomatoes.....	64,751	207,379	13,707,929
Turnips.....	11,732	22,324	1,169,469
Watermelons.....	35,345	137,005	4,453,361

Judged by value, tomatoes were the most important vegetable, the value exceeding \$13,700,000 in 1909, followed by cabbage, \$9,720,000; onions, \$6,709,000; and sweet corn, \$5,936,000; no other vegetable had a reported value as high as \$5,000,000.

Divisions and states.—Tables 85 to 88, inclusive, present statistics for vegetables (other than potatoes and sweet potatoes and yams), by divisions and states.

Both in acreage and value the leading divisions for vegetables were the South Atlantic, followed by the East North Central; the West North Central division being third in acreage and the Middle Atlantic third in value. Of the individual states, the leading ones, judged by value of vegetables produced, were New York, with \$15,963,000; Ohio, with \$11,394,000; Pennsylvania, with \$10,014,000; Illinois, with \$9,392,000; Virginia, with \$8,989,000; Kentucky, with \$8,287,000; and Missouri, with \$8,268,000.

For individual vegetables the principal states were as follows: For tomatoes, New Jersey, Maryland, and Florida; for cabbage, New York and Wisconsin; for onions, New York and Ohio; and for sweet corn, New York and Illinois. New Jersey was the leading state in value of asparagus, California in that of cantaloupes and muskmelons, and Florida in that of green beans, cucumbers, eggplant, and lettuce. The leading state in the value of watermelons was Texas.

VEGETABLES (EXCLUDING POTATOES AND SWEET POTATOES AND YAMS)—FARMS REPORTING, CLASSIFIED BY VALUE OR DISPOSITION OF PRODUCT, BY DIVISIONS AND STATES: 1909 AND 1899.

DIVISION OR STATE.	FARMS REPORTING VEGETABLES: 1909					FARMS REPORTING VEGETABLES: 1899				
	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.
<b>United States</b> .....	<b>4,069,540</b>	<b>707,763</b>	<b>4,261,776</b>	<b>41,731</b>	<b>4,220,045</b>	<b>4,272,100</b>	<b>757,534</b>	<b>3,514,566</b>	<b>614,146</b>	<b>2,900,420</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	155,746	7,465	148,281	3,230	145,051	162,034	42,852	119,182	22,175	97,007
Middle Atlantic.....	409,507	26,520	382,987	10,881	372,106	414,304	73,829	340,475	71,969	268,506
East North Central.....	954,826	111,874	842,951	8,241	834,710	891,192	174,125	717,067	83,234	633,833
West North Central.....	851,501	136,475	715,026	2,743	712,283	776,106	165,031	611,077	81,051	530,024
South Atlantic.....	882,761	94,431	788,330	7,486	780,844	718,421	82,420	636,001	175,991	460,010
East South Central.....	842,261	97,934	744,327	1,687	742,640	682,591	85,040	597,551	82,434	515,117
West South Central.....	600,688	184,403	476,285	2,210	474,075	488,845	83,862	404,983	70,207	334,776
Mountain.....	94,746	25,842	68,904	2,036	66,868	34,111	32,614	10,710	10,710	21,904
Pacific.....	117,504	22,810	94,694	3,217	91,477	71,882	16,204	55,618	16,375	39,243
<b>NEW ENGLAND:</b>										
Maine.....	48,613	3,407	45,116	243	44,873	46,253	11,720	34,533	7,141	27,392
New Hampshire.....	22,820	596	22,230	149	22,081	26,685	7,028	19,657	1,366	18,291
Vermont.....	27,852	904	26,948	122	26,826	29,794	12,154	17,640	576	17,064
Massachusetts.....	29,163	276	28,887	1,961	26,926	34,698	8,862	25,836	8,043	17,793
Rhode Island.....	4,601	276	4,325	184	4,141	4,124	308	3,816	1,898	2,418
Connecticut.....	22,691	1,016	20,775	571	20,204	20,480	2,780	17,700	3,711	13,989
<b>MIDDLE ATLANTIC:</b>										
New York.....	182,700	13,040	169,661	4,907	164,754	188,178	46,462	141,716	28,174	113,542
New Jersey.....	29,377	2,160	27,217	3,857	23,360	28,788	2,688	26,100	12,756	13,344
Pennsylvania.....	197,430	11,311	186,119	2,027	184,092	197,338	24,679	172,659	31,039	141,620
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	242,672	23,827	218,845	2,405	216,440	229,677	50,067	179,610	26,147	153,463
Indiana.....	100,841	26,174	74,667	1,294	73,373	184,175	23,897	160,278	19,015	141,263
Illinois.....	219,204	33,046	186,158	2,227	183,931	206,038	31,911	174,127	12,961	161,166
Michigan.....	160,690	12,660	148,030	1,401	146,629	152,440	41,716	110,730	12,792	97,938
Wisconsin.....	141,329	16,167	125,161	914	124,247	118,856	26,534	92,322	12,319	80,003
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	117,725	14,235	103,490	594	102,896	108,261	45,232	63,029	5,749	57,280
Iowa.....	177,714	25,112	152,602	646	151,956	182,808	33,251	149,647	17,070	132,577
Missouri.....	241,582	26,142	215,440	839	214,601	228,411	6,600	221,721	31,889	189,832
North Dakota.....	43,252	10,499	32,753	42	32,711	28,559	17,622	10,937	1,461	9,476
South Dakota.....	47,331	15,715	31,616	91	31,525	35,257	20,048	15,209	2,273	12,936
Nebraska.....	94,471	20,068	74,403	181	74,222	80,200	23,010	57,190	8,175	49,015
Kansas.....	129,420	30,764	98,656	350	98,306	112,514	19,178	93,336	14,434	78,902
<b>SOUTH ATLANTIC:</b>										
Delaware.....	9,583	1,058	8,525	201	8,324	8,265	592	7,673	5,122	2,551
Maryland.....	44,765	2,414	42,351	2,222	40,129	40,491	5,206	35,285	14,592	20,693
Distriet of Columbia.....	170	1	175	67	108	202	10	193	145	38
Virginia.....	164,285	8,633	155,652	1,116	154,536	134,309	4,161	130,148	36,457	93,691
West Virginia.....	89,678	4,240	85,438	200	85,238	76,156	2,689	73,467	16,791	56,676
North Carolina.....	204,774	16,676	188,098	354	187,744	168,478	15,750	152,728	46,776	105,952
South Carolina.....	121,511	10,697	110,814	327	109,487	108,748	24,885	83,863	13,725	70,138
Georgia.....	215,350	37,172	178,178	467	177,711	157,281	22,596	134,688	35,008	99,686
Florida.....	32,633	4,540	28,093	2,433	25,660	24,488	6,522	17,966	7,380	10,586
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	221,896	19,117	202,779	456	202,323	187,734	23,303	164,431	26,995	137,436
Tennessee.....	210,729	16,191	194,538	403	194,135	179,698	11,416	168,282	33,584	134,698
Alabama.....	208,712	27,607	181,105	321	180,784	149,557	13,629	135,928	7,700	128,228
Mississippi.....	200,924	35,019	165,905	507	165,398	165,602	30,662	128,910	14,155	114,755
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	169,110	20,017	149,093	146	148,947	125,086	15,496	109,590	9,455	100,135
Louisiana.....	78,787	22,454	56,333	573	55,760	81,178	37,128	44,050	8,067	35,983
Oklahoma.....	131,206	40,911	84,295	153	84,142	107,877	13,998	63,879	13,214	40,665
Texas.....	281,535	65,021	216,514	1,338	215,176	214,704	17,240	197,464	39,471	157,993
<b>MOUNTAIN:</b>										
Montana.....	13,810	3,816	9,994	203	9,791	9,350	5,015	4,344	1,616	2,728
Idaho.....	10,371	5,082	5,289	198	5,091	13,103	5,842	7,261	1,911	5,350
Wyoming.....	5,774	1,503	4,271	65	4,206	3,667	2,025	1,642	453	1,189
Colorado.....	29,535	6,511	23,024	653	22,371	18,525	10,979	7,546	2,622	4,924
New Mexico.....	13,559	5,810	7,749	118	7,631	4,024	2,333	2,591	1,256	1,335
Arizona.....	3,136	732	2,404	140	2,264	1,743	361	1,382	738	644
Utah.....	11,042	1,906	9,136	256	8,880	14,540	7,548	6,992	1,863	5,129
Nevada.....	1,519	383	1,136	94	1,042	874	8	866	261	605
<b>PACIFIC:</b>										
Washington.....	40,372	8,478	31,894	644	31,250	23,241	4,577	18,664	6,185	12,479
Oregon.....	33,984	4,948	29,036	498	28,538	26,878	5,130	21,739	5,172	16,567
California.....	43,148	9,303	33,845	2,075	31,770	21,763	6,548	15,215	5,018	10,197

<sup>1</sup> Includes Indian Territory.

## INDIVIDUAL CROPS.

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VEGETABLES (EXCLUDING POTATOES AND SWEET POTATOES AND YAMS)—FARMS REPORTING, ACREAGE, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 86 DIVISION OR STATE.	FARMS REPORTING.				ACREAGE.				VALUE.			
	Number.		Per cent of all farms.		1909	1899	Increase.		1909	1899	Increase.	
	1909	1899	1909	1899			Amount.	Per cent.			Amount.	Per cent.
<b>United States.....</b>	<b>4,261,776</b>	<b>3,514,568</b>	<b>67.0</b>	<b>61.3</b>	<b>2,763,269</b>	<b>2,162,130</b>	<b>601,139</b>	<b>27.8</b>	<b>\$216,257,068</b>	<b>\$120,281,811</b>	<b>\$95,975,257</b>	<b>79.8</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	148,281	119,182	78.5	62.1	101,436	79,793	21,643	27.1	12,888,885	7,808,535	5,080,350	65.1
Middle Atlantic.....	382,937	340,475	81.8	70.1	355,740	301,223	54,517	18.1	33,543,797	21,981,048	11,562,749	52.6
East North Central.....	842,961	717,067	75.0	63.1	519,003	406,704	112,299	27.6	39,164,621	21,890,473	17,274,148	78.9
West North Central.....	715,026	611,075	64.4	57.6	369,447	328,731	40,716	12.4	24,078,158	15,081,722	8,996,436	59.7
South Atlantic.....	788,330	636,001	70.9	66.1	596,852	469,705	127,147	29.8	42,605,737	21,678,980	20,926,757	96.5
East South Central.....	744,327	597,551	71.4	66.2	345,753	265,453	80,300	30.3	26,551,035	13,338,645	13,212,390	99.1
West South Central.....	476,285	404,983	50.5	53.7	274,173	217,223	56,950	26.2	18,553,851	10,669,669	7,884,182	73.4
Mountain.....	68,904	32,614	37.6	32.2	74,163	40,704	33,459	82.2	6,546,672	2,828,751	3,717,921	131.4
Pacific.....	94,685	55,618	49.9	39.3	126,702	62,594	64,108	102.4	12,324,312	4,973,968	7,350,344	147.8
<b>NEW ENGLAND:</b>												
Maine.....	45,116	34,533	75.2	58.2	25,288	20,012	5,276	26.4	2,153,003	1,245,235	907,768	72.9
New Hampshire.....	22,230	19,657	82.2	67.0	8,855	7,357	1,498	20.4	1,071,551	627,271	444,280	70.8
Vermont.....	26,948	17,640	82.4	58.3	8,548	5,131	3,417	66.6	872,183	371,744	500,439	134.6
Massachusetts.....	28,887	25,836	78.2	68.5	37,220	29,779	7,441	25.0	6,189,857	3,745,348	2,444,509	65.3
Rhode Island.....	4,325	3,816	81.7	69.4	5,275	5,165	110	2.1	636,656	552,035	84,621	15.3
Connecticut.....	20,775	17,700	77.5	65.7	16,250	12,349	3,901	31.6	1,965,635	1,266,902	698,733	55.2
<b>MIDDLE ATLANTIC:</b>												
New York.....	169,651	141,716	78.7	62.5	175,402	144,318	31,084	21.5	15,963,384	10,656,058	5,307,326	49.8
New Jersey.....	27,217	26,100	81.3	75.3	86,227	77,779	8,448	10.9	7,566,493	5,020,130	2,546,363	59.7
Pennsylvania.....	186,119	172,659	84.9	77.0	94,111	79,126	14,985	18.9	10,013,920	6,304,860	3,709,060	58.8
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	218,845	179,610	80.4	64.9	123,461	103,346	20,115	19.5	11,393,791	6,446,236	4,947,555	76.8
Indiana.....	164,667	160,278	76.4	72.2	114,267	95,434	18,833	19.7	7,498,024	4,524,435	2,973,589	65.7
Illinois.....	186,248	174,127	73.9	65.9	120,291	110,845	9,446	8.5	9,392,296	5,304,903	4,087,393	77.0
Michigan.....	148,030	110,730	71.5	54.5	90,861	57,501	33,360	58.0	6,266,645	3,394,265	2,872,380	85.2
Wisconsin.....	125,161	92,322	70.7	54.4	70,123	39,578	30,545	77.2	4,593,865	2,220,634	2,373,231	166.9
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	103,490	63,029	66.3	40.8	46,021	28,361	17,660	62.3	3,359,052	1,503,401	1,855,651	123.4
Iowa.....	152,602	149,647	70.3	65.5	80,402	83,193	-2,791	-3.4	5,266,411	3,509,127	1,757,284	59.1
Missouri.....	221,440	221,721	79.9	77.8	129,570	116,236	13,334	11.5	8,268,281	5,544,337	2,723,944	49.1
North Dakota.....	32,753	10,937	44.0	24.1	13,383	4,289	9,094	212.0	1,069,125	256,206	812,919	317.3
South Dakota.....	31,616	15,209	40.7	28.9	15,150	7,954	7,196	90.5	1,033,163	389,717	643,446	165.1
Nebraska.....	74,463	57,196	57.4	47.1	36,164	34,532	1,632	4.7	2,118,393	1,438,629	679,764	47.3
Kansas.....	98,662	93,336	55.5	53.9	48,757	54,166	-5,409	-10.0	2,963,723	2,440,305	523,418	21.4
<b>SOUTH ATLANTIC:</b>												
Delaware.....	8,525	7,673	78.7	79.2	22,939	23,987	-1,048	-4.4	1,102,620	826,244	276,376	33.4
Maryland.....	42,351	35,285	86.6	76.7	108,084	100,403	7,681	7.7	5,729,400	3,978,267	1,751,133	44.0
District of Columbia....	175	183	80.6	68.0	964	985	-21	-2.1	167,376	87,616	79,760	91.0
Virginia.....	155,652	130,148	84.6	77.5	124,354	99,002	25,352	25.6	8,989,467	4,868,459	4,121,008	84.6
West Virginia.....	85,438	73,467	88.4	79.1	43,524	29,290	14,234	48.6	4,519,894	1,667,028	2,852,866	166.3
North Carolina.....	188,098	152,728	74.1	68.0	95,980	64,598	31,382	48.6	6,496,308	3,121,492	3,374,816	108.1
South Carolina.....	101,814	83,863	57.7	54.0	51,994	40,771	11,223	27.5	3,705,991	2,001,174	1,614,817	77.2
Georgia.....	178,184	134,688	61.2	59.9	91,413	73,907	17,506	23.7	5,580,368	3,053,898	2,526,470	82.7
Florida.....	28,093	17,966	56.2	44.0	57,600	26,762	30,838	115.2	6,314,313	1,954,802	4,359,511	223.0
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	202,779	164,431	78.2	70.1	115,007	83,634	31,373	37.5	8,287,497	4,418,816	3,868,681	87.5
Tennessee.....	194,538	168,282	79.1	74.9	100,055	75,408	24,647	32.7	7,015,686	3,445,553	3,570,133	103.6
Alabama.....	181,105	135,928	68.9	60.9	69,468	55,822	13,646	24.4	5,379,577	2,642,566	2,737,011	103.6
Mississippi.....	165,905	128,910	60.5	58.4	61,223	50,589	10,634	21.0	5,868,275	2,831,710	3,036,565	107.2
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	149,093	109,590	69.5	61.3	60,251	45,355	14,896	32.8	4,843,442	2,245,587	2,597,855	115.7
Louisiana.....	56,333	44,050	46.7	38.0	38,221	26,506	11,715	44.2	3,000,864	1,753,850	1,247,014	71.1
Oklahoma.....	84,295	53,879	44.3	49.9	51,011	13,463	17,548	52.4	2,610,239	1,439,614	1,170,625	81.3
Texas.....	186,564	197,404	44.7	56.1	124,690	111,899	12,791	11.4	8,099,306	5,260,638	2,838,668	54.0
<b>MOUNTAIN:</b>												
Montana.....	9,994	4,344	38.1	32.5	7,300	4,272	3,028	70.9	928,906	378,792	550,114	145.2
Idaho.....	14,289	7,261	46.4	41.6	10,029	6,332	3,697	58.4	1,007,667	391,315	616,352	157.5
Wyoming.....	4,271	1,632	38.9	26.8	2,933	1,431	1,502	105.0	332,120	87,882	244,238	277.9
Colorado.....	20,024	7,546	43.4	30.6	32,422	15,496	16,926	109.2	2,349,634	1,131,950	1,217,684	107.6
New Mexico.....	7,740	2,591	21.7	21.0	8,219	4,034	4,185	103.7	567,154	207,424	359,730	173.4
Arizona.....	2,404	1,382	26.1	23.8	4,302	2,192	2,110	96.3	379,293	136,508	242,785	177.9
Utah.....	9,046	6,992	41.7	36.1	7,006	6,023	983	16.3	717,776	396,099	321,677	81.2
Nevada.....	1,136	866	42.2	39.7	1,952	924	1,028	111.3	264,122	98,781	165,341	167.4
<b>PACIFIC:</b>												
Washington.....	31,894	18,664	56.8	56.2	24,410	13,848	10,562	76.3	2,988,510	1,040,668	1,947,842	187.2
Oregon.....	29,036	21,739	63.8	60.7	23,129	16,345	6,784	41.5	2,448,917	1,074,468	1,374,449	137.9
California.....	33,755	15,215	38.3	21.0	79,163	32,401	46,762	144.3	6,888,885	2,858,832	4,029,053	140.9

1 Does not include farms (if any) which reported only onions without reporting any other vegetables.

2 Includes Indian Territory.

**VEGETABLES (EXCLUDING POTATOES AND SWEET POTATOES AND YAMS)—FARMS REPORTING, ACREAGE, AND VALUE, WITH AVERAGES PER FARM AND PER ACRE, CLASSIFIED BY VALUE OF PRODUCT.**
**Table 87**

DIVISION OR STATE.	FARMS PRODUCING VEGETABLES VALUED AT \$500 OR OVER: 1909							FARMS REPORTING VEGETABLES VALUED AT LESS THAN \$500: 1909						
	Farms reporting.		Acreage.		Value.			Farms reporting.		Acreage.		Value.		
	Number.	Per ct. of all farms.	Total.	Av. per farm.	Total.	Av. per farm.	Average per acre.	Number.	Per ct. of all farms.	Total.	Av. per farm.	Total.	Av. per farm.	Av. per acre.
<b>United States.....</b>	<b>41,731</b>	<b>0.7</b>	<b>566,517</b>	<b>13.58</b>	<b>\$80,104,504</b>	<b>\$1,440</b>	<b>\$106.09</b>	<b>4,220,045</b>	<b>66.3</b>	<b>2,196,752</b>	<b>0.5</b>	<b>\$156,152,564</b>	<b>\$37</b>	<b>\$71.08</b>
<b>GEOGRAPHIC DIVISIONS:</b>														
New England.....	3,230	1.7	27,380	8.48	5,087,028	1,854	218.60	145,051	76.8	74,056	0.5	6,901,857	48	83.20
Middle Atlantic.....	10,881	2.3	129,547	11.91	15,458,878	1,421	119.33	372,106	70.4	226,103	0.6	18,084,919	49	79.95
East North Central.....	8,241	0.7	106,443	12.92	10,532,517	1,278	98.95	834,710	74.3	412,500	0.5	28,632,104	34	69.40
West North Central.....	2,743	0.2	36,410	13.27	2,937,542	1,071	80.68	712,283	64.2	333,037	0.5	21,140,616	30	63.48
South Atlantic.....	7,486	0.7	144,088	10.25	11,707,673	1,564	81.25	780,844	70.2	452,704	0.6	30,898,064	40	68.24
East South Central.....	1,687	0.2	15,999	9.48	1,684,997	900	105.32	742,640	71.2	329,754	0.4	24,869,038	33	75.41
West South Central.....	2,210	0.2	29,036	13.14	3,025,197	1,369	104.10	474,075	50.3	245,137	0.5	15,528,684	33	63.35
Mountain.....	2,030	1.1	16,240	7.98	2,308,010	1,134	142.12	66,868	36.5	57,923	0.9	4,238,656	63	73.18
Pacific.....	3,217	1.7	61,374	10.08	6,462,086	2,009	105.30	91,468	48.2	65,328	0.7	5,861,626	64	89.73
<b>NEW ENGLAND:</b>														
Maine.....	243	0.4	1,534	6.31	277,204	1,141	180.71	44,873	74.8	23,754	0.5	1,875,799	42	78.97
New Hampshire.....	149	0.0	904	6.07	158,447	1,063	175.27	22,081	81.6	7,951	0.4	913,104	41	114.84
Vermont.....	122	0.4	832	6.82	111,530	914	134.05	26,826	82.0	7,716	0.3	760,653	28	93.58
Massachusetts.....	1,961	5.3	17,269	8.81	4,277,296	2,181	247.69	26,026	72.9	19,951	0.7	1,912,561	71	65.96
Rhode Island.....	184	3.5	2,105	11.44	360,995	1,962	171.40	4,141	78.3	3,170	0.8	275,661	67	86.96
Connecticut.....	571	2.1	4,736	8.29	801,556	1,404	169.25	20,204	75.3	11,514	0.6	1,164,079	58	101.10
<b>MIDDLE ATLANTIC:</b>														
New York.....	4,907	2.3	59,208	11.85	7,561,630	1,513	127.71	164,654	76.4	116,104	0.7	8,401,745	51	72.31
New Jersey.....	3,857	11.5	52,492	13.61	5,180,060	1,345	98.81	23,360	69.8	33,735	1.4	2,379,524	102	70.54
Pennsylvania.....	2,027	0.9	17,847	8.80	2,710,270	1,337	151.86	184,092	83.9	76,264	0.4	7,303,650	40	95.77
<b>EAST NORTH CENTRAL:</b>														
Ohio.....	2,405	0.9	26,225	10.90	3,250,193	1,355	124.28	210,440	70.6	97,236	0.4	8,134,598	38	83.66
Indiana.....	1,294	0.6	16,820	13.01	1,327,017	1,020	78.85	163,373	75.8	97,438	0.6	6,171,007	38	63.33
Illinois.....	2,227	0.9	30,796	16.52	3,291,585	1,478	80.45	181,021	73.1	83,495	0.5	6,100,711	33	73.07
Michigan.....	1,401	0.7	11,933	8.52	1,528,349	1,091	128.08	146,029	70.8	78,928	0.5	4,758,296	32	60.29
Wisconsin.....	914	0.5	14,660	16.04	1,126,373	1,232	76.83	124,247	70.1	55,463	0.4	3,467,492	28	62.62
<b>WEST NORTH CENTRAL:</b>														
Minnesota.....	594	0.4	5,195	8.75	614,895	1,035	118.36	102,896	65.9	40,826	0.4	2,744,157	27	67.22
Iowa.....	640	0.3	14,437	22.35	773,011	1,197	53.54	151,956	70.0	65,965	0.4	4,493,400	30	68.12
Missouri.....	839	0.3	8,648	10.31	800,488	1,020	90.50	220,601	79.6	120,922	0.5	7,407,793	34	61.26
North Dakota.....	42	0.1	321	7.64	41,199	970	128.07	32,711	44.0	13,662	0.4	1,028,016	31	78.70
South Dakota.....	91	0.1	667	7.33	82,852	910	124.22	31,525	40.6	14,483	0.5	950,311	30	65.62
Nebraska.....	181	0.1	2,654	14.66	182,924	1,011	98.02	74,282	57.3	33,510	0.5	1,935,469	26	57.76
Kansas.....	350	0.2	4,488	12.82	382,263	1,092	85.17	98,312	55.3	44,269	0.5	2,581,470	26	68.31
<b>SOUTH ATLANTIC:</b>														
Delaware.....	291	2.7	3,710	12.75	239,450	823	64.54	8,234	76.0	19,229	2.3	863,170	105	44.89
Maryland.....	2,222	4.5	59,762	20.90	2,713,405	1,221	45.40	40,129	82.0	48,322	1.2	3,015,995	75	62.41
District of Columbia.....	7	30.9	862	12.87	154,729	2,300	170.50	108	49.8	102	0.0	12,647	117	123.99
Virginia.....	1,110	0.6	19,512	17.48	1,875,624	1,681	96.13	154,536	84.0	104,842	0.7	7,113,848	46	67.35
West Virginia.....	200	0.2	1,759	8.42	193,296	925	109.87	85,229	88.2	41,765	0.5	4,326,628	51	103.59
North Carolina.....	354	0.1	6,281	17.74	440,363	1,244	70.11	187,744	74.0	80,699	0.5	6,055,945	32	67.51
South Carolina.....	327	0.2	9,228	28.22	797,547	2,439	86.43	101,487	57.5	42,766	0.4	2,908,444	29	68.01
Georgia.....	407	0.2	6,492	20.33	596,069	1,270	62.80	177,717	61.1	81,921	0.5	4,984,299	28	69.84
Florida.....	2,433	4.0	33,482	13.76	4,697,220	1,931	140.20	25,660	51.3	24,118	0.9	1,617,993	63	67.05
<b>EAST SOUTH CENTRAL:</b>														
Kentucky.....	450	0.2	4,227	9.27	447,345	981	105.83	202,323	78.1	110,780	0.5	7,840,152	39	70.77
Tennessee.....	403	0.2	3,624	8.99	343,784	853	94.80	194,135	78.9	96,431	0.5	6,671,962	34	69.19
Alabama.....	321	0.1	3,846	11.98	420,322	1,309	100.29	180,784	68.8	65,622	0.4	4,959,255	27	75.57
Mississippi.....	507	0.2	4,302	8.49	473,546	934	110.08	165,398	60.3	56,921	0.3	5,394,729	33	94.78
<b>WEST SOUTH CENTRAL:</b>														
Arkansas.....	140	0.1	1,175	8.05	121,472	832	103.38	148,947	60.4	59,076	0.4	4,721,970	32	79.93
Louisiana.....	573	0.5	6,603	11.52	731,573	1,277	110.70	55,790	46.3	31,618	0.6	2,269,291	41	71.77
Oklahoma.....	163	0.1	1,810	11.80	131,364	859	72.22	84,142	44.2	49,192	0.6	2,478,575	29	59.29
Texas.....	1,338	0.3	19,439	14.53	2,040,758	1,525	104.98	185,226	44.3	105,251	0.6	6,058,548	33	67.56
<b>MOUNTAIN:</b>														
Montana.....	293	0.8	1,046	5.15	236,593	1,165	226.19	9,791	37.4	6,254	0.6	692,313	71	110.79
Idaho.....	198	0.6	1,026	5.18	194,239	981	180.32	14,091	45.7	9,093	0.6	813,428	58	90.35
Wyoming.....	65	0.6	228	3.51	51,687	795	226.70	4,299	38.3	2,705	0.6	280,433	67	103.67
Colorado.....	953	2.1	8,836	9.27	1,110,423	1,165	125.67	10,071	41.3	23,586	1.2	1,239,211	65	62.64
New Mexico.....	118	0.3	984	8.34	144,405	1,224	146.81	7,622	21.4	7,235	0.9	422,689	55	68.42
Arizona.....	140	1.0	1,570	10.54	184,623	1,239	117.59	2,255	24.4	2,732	1.2	194,670	86	71.26
Utah.....	256	1.2	1,630	6.37	225,613	881	138.41	8,790	40.6	5,376	0.6	492,163	56	61.55
Nevada.....	94	3.5	920	9.79	160,373	1,700	174.32	1,612	38.8	1,032	1.0	103,749	100	100.53
<b>PACIFIC:</b>														
Washington.....	644	1.1	4,154	6.45	954,000	1,481	229.00	31,250	55.6	20,250	0.6	2,034,504	65	100.44
Oregon.....	438	1.1	3,851	7.73	672,679	1,351	174.08	28,538	62.7	19,278	0.7	1,776,238	62	62.14
California.....	2,075	2.4	53,369	25.72	4,836,001	2,331	90.61	31,680	35.9	25,794	0.8	2,050,884	65	79.51

# INDIVIDUAL CROPS.

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VEGETABLES—FARMS REPORTING, ACREAGE, AND VALUE OF SPECIFIED VEGETABLES ON FARMS REPORTING ONE ACRE OR OVER, BY DIVISIONS AND STATES: 1909.

**Table 88** (pp. 667 to 674).

DIVISION OR STATE.	ASPARAGUS. ✓			BEANS (GREEN). ✓			BEETS.			CABBAGE. ✓		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
<b>United States.....</b>	<b>5,800</b>	<b>25,639</b>	<b>\$2,246,631</b>	<b>21,561</b>	<b>53,610</b>	<b>\$2,844,951</b>	<b>1,684</b>	<b>3,202</b>	<b>\$352,696</b>	<b>43,843</b>	<b>125,998</b>	<b>\$9,719,641</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	434	1,061	168,665	601	1,224	134,555	215	385	78,878	2,081	3,981	655,081
Middle Atlantic.....	2,226	7,342	904,652	2,903	7,939	566,857	581	1,118	121,959	16,418	45,812	3,207,422
East North Central.....	1,030	2,987	268,877	1,617	3,065	151,461	300	473	37,740	9,965	23,413	1,777,563
West North Central.....	346	650	72,121	584	1,008	56,312	68	121	8,560	2,633	7,702	462,105
South Atlantic.....	643	3,294	230,699	7,720	19,764	1,144,681	119	247	30,759	6,235	19,708	1,738,060
East South Central.....	121	291	28,127	5,997	9,235	269,815	44	61	7,942	2,040	4,689	435,000
West South Central.....	28	77	6,826	1,177	2,818	165,371	167	337	27,211	1,804	6,767	644,623
Mountain.....	144	270	37,202	255	728	27,221	63	142	12,601	1,366	3,754	350,768
Pacific.....	328	9,667	479,462	707	7,829	328,678	127	318	27,146	1,251	5,172	479,019
<b>NEW ENGLAND:</b>												
Maine.....				44	64	3,327	19	22	3,276	185	353	71,434
New Hampshire.....	10	23	2,424	19	34	1,816	7	11	2,115	90	163	21,184
Vermont.....	3	4	430	9	24	1,587	5	8	762	75	98	16,263
Massachusetts.....	327	776	116,622	370	781	93,094	144	259	58,019	1,227	2,442	426,586
Rhode Island.....	24	93	17,504	66	154	13,305	12	37	7,027	93	192	25,838
Connecticut.....	70	165	31,685	93	167	21,426	28	48	7,679	411	733	93,796
<b>MIDDLE ATLANTIC:</b>												
New York.....	434	1,003	127,370	1,225	3,619	281,501	408	834	84,042	11,321	25,269	2,325,999
New Jersey.....	1,343	5,148	602,317	1,286	3,740	238,149	71	113	15,635	1,991	4,864	368,454
Pennsylvania.....	449	1,191	174,955	392	580	47,207	102	171	22,282	3,106	5,679	502,969
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	176	303	39,391	433	664	39,352	40	72	8,078	2,436	6,279	366,910
Indiana.....	37	81	11,260	245	430	20,154	7	9	740	1,010	2,107	126,052
Illinois.....	609	2,241	181,557	476	798	49,255	146	234	18,693	1,740	5,207	341,161
Michigan.....	154	275	25,171	303	676	26,633	63	100	7,807	1,832	4,314	257,144
Wisconsin.....	54	87	11,498	160	497	16,067	44	58	2,422	2,947	10,506	686,296
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	83	149	17,685	54	97	4,532	22	40	2,789	858	2,315	128,430
Iowa.....	98	237	17,079	44	79	5,759	9	29	2,062	501	2,789	148,529
Missouri.....	75	103	19,276	384	543	32,036	29	39	2,828	635	959	79,707
North Dakota.....	2	3	350	7	59	1,901				80	109	8,724
South Dakota.....	4	6	925	11	64	1,588	2	2	50	79	175	13,759
Nebraska.....	21	32	4,478	9	12	782	2	4	300	164	348	27,144
Kansas.....	63	120	12,328	75	154	9,714	4	7	541	366	1,007	55,812
<b>SOUTH ATLANTIC:</b>												
Delaware.....	183	410	37,097	11	19	670	1	1	60	118	200	14,972
Maryland.....	183	554	42,740	838	2,746	153,013	21	29	2,766	1,276	3,481	304,394
District of Columbia.....	10	32	5,861	27	52	6,263	9	18	3,250	38	102	11,659
Virginia.....	79	301	31,205	1,131	2,867	167,199	31	57	6,728	2,516	8,680	487,334
West Virginia.....	5	5	1,025	1,768	3,464	60,156				139	212	24,562
North Carolina.....	41	138	17,186	1,263	2,387	61,100	16	38	3,411	655	1,371	132,715
South Carolina.....	122	1,773	138,317	539	1,732	109,865	22	71	11,104	241	1,828	270,675
Georgia.....	17	75	6,068	596	1,484	102,488	11	18	1,060	497	806	57,191
Florida.....	3	6	1,200	1,547	5,013	483,927	8	15	2,380	755	3,028	434,558
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	44	62	10,170	3,589	5,041	94,663	19	26	4,131	395	738	63,288
Tennessee.....	49	139	13,003	1,411	2,300	68,536	5	7	880	709	1,189	64,714
Alabama.....	16	58	3,482	427	842	62,691	5	6	475	354	1,366	208,754
Mississippi.....	12	32	1,472	570	1,052	43,925	15	22	2,476	582	1,396	98,244
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	3	9	556	150	255	9,472	1	1	50	139	206	14,086
Louisiana.....	2	11	515	400	727	59,102	125	247	17,443	531	1,962	208,678
Oklahoma.....	5	7	383	30	52	1,323	3	4	298	68	137	9,510
Texas.....	18	50	5,372	597	1,784	95,474	88	85	9,420	1,066	4,462	382,349
<b>MOUNTAIN:</b>												
Montana.....				5	18	1,074	7	12	1,880	178	359	56,210
Idaho.....				16	60	2,798	4	6	607	159	289	43,517
Wyoming.....				4	7	202	4	7	770	24	32	6,269
Colorado.....	73	103	14,269	74	171	11,930	21	70	5,225	733	2,568	180,964
New Mexico.....	5	24	7,660	113	386	6,105	5	9	515	62	106	15,034
Arizona.....	9	17	1,655	27	67	3,450	3	3	255	66	147	18,365
Utah.....	48	99	1									

VEGETABLES—FARMS REPORTING, ACREAGE, AND VALUE OF SPECIFIED VEGETABLES ON FARMS REPORTING ONE ACRE OR OVER, BY DIVISIONS AND STATES: 1909—Continued.

Table 88—Continued. DIVISION OR STATE.	CANTALOUPE AND MUSKMELONS.			CARROTS.			CAULIFLOWER.			CELERY.		
	Farms report- ing.	Acreage.	Value.	Farms report- ing.	Acreage.	Value.	Farms report- ing.	Acreage.	Value.	Farms report- ing.	Acreage.	Value.
<b>United States.....</b>	<b>16,278</b>	<b>52,419</b>	<b>\$3,604,636</b>	<b>2,008</b>	<b>3,764</b>	<b>\$473,499</b>	<b>1,000</b>	<b>3,466</b>	<b>\$602,885</b>	<b>4,005</b>	<b>15,863</b>	<b>\$3,922,848</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	146	302	40,527	180	350	81,212	00	152	33,615	346	1,432	459,990
Middle Atlantic.....	2,239	5,172	457,270	735	1,510	207,830	547	1,800	372,227	1,373	4,043	1,402,552
East North Central.....	3,688	9,868	604,522	517	780	70,694	168	365	50,340	1,893	5,168	974,359
West North Central.....	1,469	3,478	177,207	63	85	5,004	36	70	9,638	74	143	50,506
South Atlantic.....	3,937	15,508	1,001,705	31	70	10,336	54	124	27,773	348	950	445,731
East South Central.....	1,051	2,457	103,636	27	41	5,199	7	8	1,675	14	19	5,780
West South Central.....	1,710	3,705	162,650	106	205	18,751	18	40	3,719	7	11	1,226
Mountain.....	1,210	5,722	488,075	94	138	13,878	26	52	13,252	209	489	146,589
Pacific.....	828	6,207	439,909	246	585	59,629	114	840	90,651	241	3,008	435,735
<b>NEW ENGLAND:</b>												
Maine.....	3	4	215	13	20	2,500	4	4	1,371	6	7	3,714
New Hampshire.....	7	9	1,185	12	15	3,678	1	1	50	5	13	4,800
Vermont.....	13	31	4,082	3	3	426				1	3	600
Massachusetts.....	32	51	10,583	129	268	67,517	75	126	28,034	238	1,187	368,554
Rhode Island.....	21	48	7,504	7	12	2,685	2	3	455	14	37	28,880
Connecticut.....	70	150	25,898	25	32	5,406	8	18	3,705	82	185	55,142
<b>MIDDLE ATLANTIC:</b>												
New York.....	529	978	110,650	501	1,262	171,043	505	1,720	333,808	851	2,926	946,424
New Jersey.....	1,494	3,861	306,073	83	151	23,808	38	85	37,365	203	621	201,735
Pennsylvania.....	216	333	31,550	61	97	12,585	4	4	1,054	319	1,096	254,693
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	815	1,065	154,434	49	60	7,257	19	30	6,006	403	1,473	331,230
Indiana.....	994	3,855	198,531	1	1	100	1	1	100	52	177	26,599
Illinois.....	927	2,332	139,165	226	370	34,607	112	227	32,690	184	531	91,010
Michigan.....	841	1,820	140,801	203	298	24,912	22	39	6,004	740	2,850	488,610
Wisconsin.....	111	187	25,591	38	51	3,818	14	68	5,540	14	137	36,570
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	195	453	41,013	40	56	3,578	11	16	2,488	25	55	26,715
Iowa.....	234	764	42,848	3	5	205	5	6	1,490	12	20	4,625
Missouri.....	758	1,701	65,380	6	8	925	17	45	3,655	24	45	16,701
North Dakota.....				5	6	276				5	7	1,680
South Dakota.....	18	31	2,140	4	4	285						
Nebraska.....	61	112	5,020	1	1	300	1	1	600	6	14	2,180
Kansas.....	203	417	19,291	4	5	395	2	2	1,400	2	2	205
<b>SOUTH ATLANTIC:</b>												
Delaware.....	551	1,163	52,228							25	44	12,394
Maryland.....	1,193	3,510	246,333	9	12	758	2	10	5,448	27	42	8,794
District of Columbia.....	32	69	10,016	6	14	1,875				8	11	1,785
Virginia.....	401	969	83,148	3	3	420				3	3	540
West Virginia.....	54	128	7,878							11	25	4,630
North Carolina.....	626	2,256	163,902	1	3	250						
South Carolina.....	214	977	58,400	12	38	7,333						
Georgia.....	368	3,022	209,161									
Florida.....	408	3,408	230,009				52	105	22,325	274	825	417,578
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	357	504	35,172	2	3	320	6	7	1,640	12	16	4,960
Tennessee.....	506	1,456	41,691							2	3	800
Alabama.....	122	285	20,294	1	3	93	1	1	35			
Mississippi.....	66	122	6,470	24	35	4,736						
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	448	904	33,855							4	5	426
Louisiana.....	209	371	22,000	68	103	17,246	8	21	1,035			
Oklahoma.....	258	655	23,438				1	1	54			
Texas.....	795	1,685	83,363	8	12	1,505	9	18	1,730	3	6	900
<b>MOUNTAIN:</b>												
Montana.....	4	5	1,090	14	17	1,915	3	7	2,060	4	11	4,800
Idaho.....	61	213	15,407	31	56	4,756	1	2	297	10	11	3,030
Wyoming.....				1	1	100				1	2	500
Colorado.....	738	3,970	334,291	21	29	3,079	14	30	7,635	153	357	110,114
New Mexico.....	131	491	36,005	2	2	191				13	49	13,500
Arizona.....	110	452	27,560	3	3	485				6	13	1,010
Utah.....	109	192	16,917	13	25	2,602	6	10	2,800	10	43	10,835
Nevada.....	57	309	56,715	4	5	690	2	3	500	3	3	1,900
<b>PACIFIC:</b>												
Washington.....	111	310	18,688	61	63	11,380	13	22	5,938	49	103	39,696
Oregon.....	61	113	14,337	47	73	6,814	14	34	6,179	13	24	14,290
California.....	656	5,784	406,944	138	410	41,435	87	790	78,634	179	2,881	381,759

INDIVIDUAL CROPS.

VEGETABLES—FARMS REPORTING, ACREAGE, AND VALUE OF SPECIFIED VEGETABLES ON FARMS REPORTING ONE ACRE OR OVER, BY DIVISIONS AND STATES: 1909—Continued.

DIVISION OR STATE.	CORN (POP.)			CORN (SWEET)			CUCUMBERS			EGGPLANT		
	Farms report- ing.	Acreage.	Value.	Farms report- ing.	Acreage.	Value.	Farms report- ing.	Acreage.	Value.	Farms report- ing.	Acreage.	Value.
<b>United States.....</b>	<b>2,535</b>	<b>12,773</b>	<b>\$326,141</b>	<b>48,514</b>	<b>178,224</b>	<b>\$5,936,419</b>	<b>16,714</b>	<b>32,310</b>	<b>\$2,719,340</b>	<b>459</b>	<b>894</b>	<b>\$154,643</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	71	191	10,786	7,296	18,266	879,575	303	711	217,737	10	25	12,551
Middle Atlantic.....	255	485	18,091	14,185	45,945	2,007,467	2,764	5,305	491,340	190	301	35,478
East North Central.....	724	2,340	77,696	12,449	54,766	1,506,226	8,370	14,605	883,486	12	14	1,399
West North Central.....	1,029	3,614	190,374	6,533	25,795	499,029	1,340	2,170	98,864	5	6	1,240
South Atlantic.....	91	163	3,416	4,734	23,933	573,840	1,976	5,991	729,658	191	461	93,258
East South Central.....	49	64	1,520	651	1,755	55,996	855	483	30,410	1	2	56
West South Central.....	189	304	6,691	732	2,329	89,741	633	1,542	111,097	38	66	6,877
Mountain.....	43	135	3,031	659	1,563	79,867	227	567	61,884	5	8	2,630
Pacific.....	84	477	14,536	1,275	3,872	244,078	246	935	94,864	7	11	1,140
<b>NEW ENGLAND:</b>												
Maine.....	8	11	349	3,549	8,693	272,614	21	31	8,185			
New Hampshire.....	8	16	616	267	589	28,835	10	12	1,701			
Vermont.....	8	48	2,517	285	1,110	35,650	8	10	790			
Massachusetts.....	31	93	5,412	1,976	4,942	355,933	204	372	179,084	7	17	9,651
Rhode Island.....	4	4	265	317	790	49,440	13	199	18,330	1	6	2,000
Connecticut.....	12	19	1,627	902	2,142	137,083	47	87	9,647	2	2	900
<b>MIDDLE ATLANTIC:</b>												
New York.....	188	344	13,697	6,584	23,739	942,023	1,780	3,350	337,841	10	15	4,300
New Jersey.....	17	34	1,357	2,705	10,442	557,708	795	1,631	120,307	179	285	30,913
Pennsylvania.....	50	107	3,037	4,896	11,764	507,736	189	325	33,192	1	1	265
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	172	439	16,878	4,591	17,298	528,162	608	965	113,238	3	3	162
Indiana.....	100	357	12,337	2,058	7,977	188,054	1,327	2,095	111,268			
Illinois.....	189	998	28,994	2,431	19,976	558,746	1,085	2,981	234,203	9	11	1,237
Michigan.....	200	362	12,443	2,433	5,728	147,762	4,356	7,061	342,042			
Wisconsin.....	54	184	7,044	936	3,789	83,502	994	1,563	82,735			
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	73	266	5,340	803	2,829	62,387	745	1,190	59,512	2	2	150
Iowa.....	428	5,345	135,270	2,013	12,568	219,220	240	373	16,395	2	3	840
Missouri.....	87	226	4,165	1,174	2,858	80,028	265	381	14,113	1	1	250
North Dakota.....	4	9	221	75	141	3,369	2	2	185			
South Dakota.....	31	81	2,279	194	579	12,018	6	10	295			
Nebraska.....	213	2,167	33,854	851	3,167	46,208	28	79	3,368			
Kansas.....	193	520	9,245	1,423	3,653	75,499	64	135	4,996			
<b>SOUTH ATLANTIC:</b>												
Delaware.....	3	3	146	272	1,341	35,073	10	18	1,173			
Maryland.....	9	17	594	2,680	18,887	386,277	287	591	46,633	13	31	5,280
District of Columbia.....				23	47	2,709	6	12	1,001	3	4	305
Virginia.....	10	18	473	751	2,101	73,050	385	1,766	177,254	21	76	20,430
West Virginia.....	6	7	350	455	878	37,449	16	31	1,894			
North Carolina.....	7	16	396	211	369	13,796	162	454	22,648	1	2	650
South Carolina.....	5	8	410	33	91	2,048	190	962	115,247			
Georgia.....	50	93	1,035	229	444	13,249	33	71	9,038	2	5	600
Florida.....	1	1	12	130	275	10,189	837	2,086	354,770	151	343	65,993
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	15	19	551	409	1,103	35,758	752	248	17,288			
Tennessee.....	18	23	689	134	365	11,246	19	23	1,237			
Alabama.....	12	16	220	57	175	4,799	70	162	8,415	1	2	50
Mississippi.....	4	6	60	51	112	4,193	14	50	3,470			
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	16	24	380	74	145	4,661	6	9	340			
Louisiana.....	67	89	1,891	251	1,218	62,060	125	274	57,850	27	49	4,663
Oklahoma.....	54	98	2,428	240	548	9,138	3	3	240			
Texas.....	52	93	2,012	167	418	13,882	499	1,256	52,667	11	17	2,214
<b>MOUNTAIN:</b>												
Montana.....				79	164	13,692						
Idaho.....	9	13	550	64	115	4,725	4	6	2,875			
Wyoming.....				24	44	1,815	2	5	700			
Colorado.....	24	97	1,444	342	950	40,008	170	464	45,940	3	5	2,200
New Mexico.....	1	7	21	20	41	1,850	4	4	470			
Arizona.....	1	2	10	37	106	7,472	6	9	2,250			
Utah.....	8	16	1,006	75	120	8,842	41	79	9,649	2	3	450
Nevada.....				18	23	1,463						
<b>PACIFIC:</b>												
Washington.....	11	62	700	255	561	34,891	44	92	11,527	1	1	140
Oregon.....	14	54	3,652	211	457	21,371	58	198	22,825	1	1	150
California.....	59	361	10,184	809	2,854	187,816	144	645	60,512	5	9	850

## VEGETABLES—FARMS REPORTING, ACREAGE, AND VALUE OF SPECIFIED VEGETABLES ON FARMS REPORTING ONE ACRE OR OVER, BY DIVISIONS AND STATES: 1909—Continued.

Table 88—Continued. DIVISION OR STATE.	HORSE-RADISH.			KALE.			LETTUCE.			OKRA.		
	Farms reporting.	Acres.	Value.	Farms reporting.	Acres.	Value.	Farms reporting.	Acres.	Value.	Farms reporting.	Acres.	Value.
United States.....	480	1,475	\$233,885	337	1,495	\$146,010	2,178	5,489	\$1,595,085	148	347	\$24,969
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	6	10	1,700	8	16	2,720	124	315	215,137			
Middle Atlantic.....	144	710	98,234	10	47	3,784	485	1,355	404,410	5	8	468
East North Central.....	114	221	42,124	17	21	927	391	436	249,170	2	2	105
West North Central.....	170	412	65,077	26	45	1,148	137	214	38,822			
South Atlantic.....	15	31	3,683	174	1,205	128,054	584	1,848	440,208	55	176	9,371
East South Central.....	11	14	3,607	65	105	5,492	25	44	12,225	13	16	1,569
West South Central.....	1	2	500	2	3	1,575	257	583	101,133	71	142	12,296
Mountain.....	3	10	4,000				27	71	15,741			
Pacific.....	7	50	14,870	26	53	2,310	148	623	100,239	2	3	640
<b>NEW ENGLAND:</b>												
Maine.....	1	3	700				4	4	2,600			
New Hampshire.....							1	2	250			
Vermont.....												
Massachusetts.....	1	1	200	5	11	1,980	99	275	192,217			
Rhode Island.....				2	3	400	6	11	14,070			
Connecticut.....	4	6	890	1	2	250	14	23	5,400			
<b>MIDDLE ATLANTIC:</b>												
New York.....	91	238	34,645	14	34	2,572	308	1,012	280,050			
New Jersey.....	37	197	20,355	4	12	1,192	105	187	66,487	5	8	468
Pennsylvania.....	10	284	43,234	1	1	50	72	150	48,864			
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	11	26	6,800	11	12	645	248	142	76,372			
Indiana.....	1	1	350	0	0	282	11	18	7,071			
Illinois.....	70	123	25,041				114	231	153,784	2	2	105
Michigan.....	22	58	6,975				15	42	11,418			
Wisconsin.....	10	13	1,908				3	3	525			
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	3	14	610				13	16	4,820			
Iowa.....	3	8	885				5	9	3,775			
Missouri.....	167	374	62,604	25	43	1,023	107	170	26,542			
North Dakota.....												
South Dakota.....												
Nebraska.....	2	6	200				3	3	435			
Kansas.....	4	10	688	1	2	125	0	16	3,250			
<b>SOUTH ATLANTIC:</b>												
Delaware.....	1	2	240									
Maryland.....	12	26	3,258	48	153	8,472	73	105	15,126			
District of Columbia.....	1	2	50	20	33	3,351	18	39	12,044			
Virginia.....				101	1,013	115,058	38	111	24,187			
West Virginia.....	1	1	135	4	4	298	3	6	975			
North Carolina.....							37	80	24,541	4	13	665
South Carolina.....							8	40	26,499	9	9	520
Georgia.....				1	2	275	5	8	1,480	15	118	6,374
Florida.....							402	1,450	343,450	27	36	2,312
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	11	14	3,607	65	115	5,492	15	18	5,275			
Tennessee.....							3	4	1,175	4	6	490
Alabama.....							1	10	600	6	7	547
Mississippi.....							6	12	5,175	3	3	522
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....				2	3	1,575	1	2	1,000			
Louisiana.....							222	515	94,321	24	69	6,980
Oklahoma.....	1	2	500				4	5	285			
Texas.....							30	61	5,527	47	73	5,316
<b>MOUNTAIN:</b>												
Montana.....	1	2	2,700				1	7	300			
Idaho.....												
Wyoming.....												
Colorado.....	1	6	800				11	18	8,250			
New Mexico.....							1	1	20			
Arizona.....							5	8	701			
Utah.....	1	2	500									
Nevada.....							9	37	6,380			
<b>PACIFIC:</b>												
Washington.....							10	17	6,970			
Oregon.....	5	50	13,570	12	31	1,685	6	11	2,710			
California.....	2	6	1,300	14	22	625	132	505	99,550	2	3	640

INDIVIDUAL CROPS.

VEGETABLES—FARMS REPORTING, ACREAGE, AND VALUE OF SPECIFIED VEGETABLES ON FARMS REPORTING ONE ACRE OR MORE, BY DIVISIONS AND STATES: 1909—Continued.

Table 88—Continued. DIVISION OR STATE.	ONIONS.			ONIONS (GREEN).			PARSLEY.			PARSNIPS.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States.....	14,989	47,625	\$8,709,047	130	184	\$44,788	112	182	\$27,181	436	722	\$102,674
GEOGRAPHIC DIVISIONS:												
New England.....	910	3,010	703,011	7	14	5,002	1	1	1,500	78	138	34,588
Middle Atlantic.....	2,464	7,526	1,233,261				29	49	7,945	142	247	33,483
East North Central.....	4,480	15,275	2,136,304	33	45	5,500	4	4	475	133	214	29,841
West North Central.....	1,495	2,843	407,843	19	29	8,459				19	29	3,667
South Atlantic.....	904	1,356	116,089	49	66	11,635	11	16	5,483	13	20	2,060
East South Central.....	1,349	2,338	229,507							1	2	350
West South Central.....	1,893	8,573	1,007,677	9	9	1,340	65	118	11,358			
Mountain.....	512	1,177	166,337	1	1	150				22	35	3,222
Pacific.....	982	5,527	709,018	12	20	12,702	2	4	420	28	37	4,463
NEW ENGLAND:												
Maine.....	13	25	3,057							1	1	50
New Hampshire.....	15	29	6,560	1	2	500				3	4	800
Vermont.....	23	29	6,780							1	1	130
Massachusetts.....	718	2,493	624,630	5	10	4,202	1	1	1,500	67	120	31,368
Rhode Island.....	24	152	23,828	1	2	300				3	8	1,580
Connecticut.....	117	282	38,156							3	4	660
MIDDLE ATLANTIC:												
New York.....	1,518	5,558	954,610				18	27	4,290	109	189	22,583
New Jersey.....	607	1,417	171,344				3	12	1,300	18	25	2,300
Pennsylvania.....	339	551	107,307				8	10	2,355	15	33	7,600
EAST NORTH CENTRAL:												
Ohio.....	1,351	6,132	858,440							21	26	4,106
Indiana.....	1,111	4,048	488,811	28	36	4,569				3	5	180
Illinois.....	1,136	3,315	546,951				4	4	475	65	105	8,518
Michigan.....	578	1,130	146,507							43	77	7,917
Wisconsin.....	304	650	95,595	5	9	931				1	1	120
WEST NORTH CENTRAL:												
Minnesota.....	585	1,099	182,069	6	10	3,459				3	4	300
Iowa.....	371	849	118,155	4	9	2,825				2	2	333
Missouri.....	227	348	36,886							7	8	1,305
North Dakota.....	26	37	9,188									
South Dakota.....	58	104	13,133	2	3	650				1	1	165
Nebraska.....	97	163	18,659	2	2	700						
Kansas.....	131	243	29,753	5	5	825				6	14	1,564
SOUTH ATLANTIC:												
Delaware.....	19	24	2,986									
Maryland.....	67	111	10,699	45	57	8,927	1	1	350	6	11	1,438
District of Columbia.....	3	5	1,095	4	9	2,708				5	6	430
Virginia.....	522	787	59,524				3	4	3,950	2	3	192
West Virginia.....	27	35	4,442									
North Carolina.....	58	81	6,505									
South Carolina.....	35	44	4,148				1	2	300			
Georgia.....	122	189	14,786									
Florida.....	51	80	11,904				6	9	883			
EAST SOUTH CENTRAL:												
Kentucky.....	1,100	1,959	200,317							1	2	350
Tennessee.....	143	235	15,068									
Alabama.....	65	92	8,613									
Mississippi.....	41	52	5,509									
WEST SOUTH CENTRAL:												
Arkansas.....	67	108	10,185									
Louisiana.....	690	2,909	147,377				65	118	11,358			
Oklahoma.....	172	386	29,143	4	4	900						
Texas.....	964	5,170	820,972	5	5	440						
MOUNTAIN:												
Montana.....	56	119	15,310							1	1	290
Idaho.....	59	85	17,065							2	2	190
Wyoming.....	13	16	3,260							1	1	150
Colorado.....	193	577	64,665							14	25	2,185
New Mexico.....	53	97	8,640							1	1	132
Arizona.....	42	87	11,480									
Utah.....	57	72	13,394	1	1	150				3	5	275
Nevada.....	39	124	32,523									
PACIFIC:												
Washington.....	192	415	67,949	12	20	12,702				10	12	1,735
Oregon.....	218	721	168,261							9	13	1,556
California.....	572	4,391	472,808				2	4	420	9	12	1,173

## VEGETABLES—FARMS REPORTING, ACREAGE, AND VALUE OF SPECIFIED VEGETABLES ON FARMS REPORTING ONE ACRE OR OVER, BY DIVISIONS AND STATES: 1909—Continued.

Table 88—Continued. DIVISION OR STATE.	PEAS (GREEN.)			PEPPERS (GREEN.)			PUMPKINS.			RADISHES.		
	Farms report- ing.	Acreage.	Value.	Farms report- ing.	Acreage.	Value.	Farms report- ing.	Acreage.	Value.	Farms report- ing.	Acreage.	Value.
United States.....	17,219	70,487	\$2,785,502	1,041	3,483	\$408,741	361	1,103	\$29,993	895	2,269	\$283,062
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	698	1,313	124,105	69	112	22,518	22	81	2,979	30	60	29,332
Middle Atlantic.....	5,027	22,457	1,053,940	877	1,063	159,284	44	111	4,041	238	516	70,378
East North Central.....	3,915	21,035	650,835	94	105	22,061	27	121	2,387	199	332	52,550
West North Central.....	368	1,370	52,168	35	40	3,771	37	100	2,297	126	179	23,516
South Atlantic.....	3,769	12,600	461,370	100	334	99,369	14	42	1,243	71	279	23,912
East South Central.....	1,076	1,025	72,849	16	22	3,440	3	6	80	117	456	59,237
West South Central.....	508	1,150	33,306	57	149	26,839	17	79	1,765	75	242	15,499
Mountain.....	306	1,142	52,900	274	276	18,580	50	101	2,762	6	9	1,750
Pacific.....	952	3,895	283,810	59	422	52,804	147	522	12,439	27	140	10,338
<b>NEW ENGLAND:</b>												
Maine.....	158	257	20,747				4	5	220	2	3	1,200
New Hampshire.....	26	33	3,077				1	1	15	1	1	50
Vermont.....	20	30	2,615				2	6	63			
Massachusetts.....	288	547	51,554	37	53	14,247	10	42	1,220	20	38	17,478
Rhode Island.....	76	205	12,700	14	23	3,470	1	20	1,000	4	8	10,269
Connecticut.....	124	232	24,382	18	36	4,795	4	7	455	9	16	935
<b>MIDDLE ATLANTIC:</b>												
New York.....	4,501	10,992	815,256	49	71	8,566	14	35	800	145	329	40,988
New Jersey.....	876	4,912	208,034	822	1,882	140,433	24	67	2,937	49	93	20,143
Pennsylvania.....	250	553	29,750	6	10	1,285	6	9	304	44	94	15,247
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	538	2,000	69,000	30	36	3,387	6	8	487	59	99	15,194
Indiana.....	771	4,084	103,013	13	16	1,443				37	88	7,569
Illinois.....	340	2,821	54,626	44	101	14,926	12	89	1,441	77	152	23,462
Michigan.....	926	4,548	102,203	7	12	2,305	5	19	400	10	32	5,290
Wisconsin.....	1,340	11,182	321,324				4	5	50	7	11	1,035
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	141	316	13,304	5	8	1,319	7	13	482	9	11	2,375
Iowa.....	58	397	9,113	3	5	95	4	24	302	15	23	4,560
Missouri.....	97	301	9,292	25	25	2,032	7	11	305	88	124	14,234
North Dakota.....	6	10	615									
South Dakota.....	6	82	2,214				10	12	230			
Nebraska.....	5	7	615				5	16	340	2	3	350
Kansas.....	55	257	17,015	2	2	325	4	24	578	12	18	1,947
<b>SOUTH ATLANTIC:</b>												
Delaware.....	384	1,234	42,780				3	6	118	7	12	639
Maryland.....	1,179	6,030	220,709	3	8	926	2	4	72	14	25	1,316
District of Columbia.....	20	40	4,015				1	2	115	3	4	1,000
Virginia.....	1,053	2,292	97,535	2	4	127	5	12	593	42	230	19,842
West Virginia.....	43	72	2,053	2	2	90	2	16	245	1	1	240
North Carolina.....	339	835	31,032	7	11	1,630				1	1	25
South Carolina.....	227	551	18,700	1	7	700				2	4	600
Georgia.....	265	933	17,058	2	6	1,050				1	2	250
Florida.....	259	613	27,488	143	296	94,246	1	2	100			
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	411	678	20,436	7	8	813				19	28	2,485
Tennessee.....	217	380	14,573	3	8	1,013	2	4	30	1	1	200
Alabama.....	191	426	13,498	2	2	450	1	2	50	51	233	26,356
Mississippi.....	257	435	18,342	4	4	570				46	194	30,216
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	79	180	4,275	1	1	60				5	5	338
Louisiana.....	86	182	9,368	22	72	7,972	1	1	20	33	133	9,505
Oklahoma.....	32	40	2,038				4	7	475	2	3	76
Texas.....	311	742	17,085	34	76	18,807	12	71	1,270	35	101	5,471
<b>MOUNTAIN:</b>												
Montana.....	7	10	895							1	2	165
Idaho.....	24	95	2,375				1	1	25			
Wyoming.....							1	1	100			
Colorado.....	101	654	27,614	1	1	14	8	15	668	4	6	1,510
New Mexico.....	12	16	303	266	260	17,228	16	24	363			
Arizona.....	21	37	2,661	6	13	1,097	21	54	1,116			
Utah.....	138	323	18,810	1	2	250	2	2	90	1	1	75
Nevada.....	3	7	248				1	4	400			
<b>PACIFIC:</b>												
Washington.....	105	352	27,758	3	3	370	3	3	165	4	6	2,450
Oregon.....	60	116	12,505	1	2	200	7	8	369	3	4	375
California.....	787	3,427	243,547	55	417	52,294	137	511	11,905	26	130	7,533

INDIVIDUAL CROPS.

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VEGETABLES—FARMS REPORTING, ACREAGE, AND VALUE OF SPECIFIED VEGETABLES ON FARMS REPORTING ONE ACRE OR OVER, BY DIVISIONS AND STATES: 1909—Continued.

Table 88—Continued. DIVISION OR STATE.	RHUBARB.			RUTABAGAS.			SPINACH. ✓			SPEAR.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States.....	1,021	2,304	\$338,831	353	631	\$30,970	1,152	6,668	\$817,069	188	390	\$45,576
GEOGRAPHIC DIVISIONS:												
New England.....	52	106	35,188	1	2	50	130	346	56,721			
Middle Atlantic.....	272	615	106,822	7	22	715	281	1,052	114,708	176	362	44,015
East North Central.....	307	750	77,726	229	372	13,357	129	282	29,280			
West North Central.....	75	118	17,380	67	122	4,645	128	249	12,611			
South Atlantic.....	19	31	8,308	7	25	1,783	352	4,446	578,291	6	14	413
East South Central.....	32	55	8,052	2	20	1,210	28	85	2,990			
West South Central.....	6	17	2,795	1	1	35	56	128	10,680			
Mountain.....	8	14	1,012	30	54	6,285	22	35	4,255			
Pacific.....	190	658	81,548	9	13	2,890	26	45	7,533	6	14	1,148
NEW ENGLAND:												
Maine.....							2	2	460			
New Hampshire.....	3	3	600				1	1	200			
Vermont.....												
Massachusetts.....	38	84	30,873	1	2	50	94	237	41,148			
Rhode Island.....	5	9	2,490				5	21	3,643			
Connecticut.....	6	10	1,225				28	85	11,270			
MIDDLE ATLANTIC:												
New York.....	94	280	54,935	2	3	275	165	627	76,255	175	356	43,765
New Jersey.....	117	230	31,069				70	305	24,150	1	6	250
Pennsylvania.....	61	105	20,818	5	19	440	46	120	14,273			
EAST NORTH CENTRAL:												
Ohio.....	39	65	11,329				39	80	7,037			
Indiana.....	20	25	2,800	1	1	15	2	2	200			
Illinois.....	270	603	56,033	1	1	120	71	172	19,383			
Michigan.....	37	53	7,264	36	71	3,402	13	24	1,710			
Wisconsin.....	1	4	300	191	299	9,820	4	4	350			
WEST NORTH CENTRAL:												
Minnesota.....	17	33	5,262	60	109	4,865	1	2	52			
Iowa.....	4	4	1,105	3	4	115						
Missouri.....	24	34	3,215				120	235	11,571			
North Dakota.....				1	5	75						
South Dakota.....												
Nebraska.....				3	4	90						
Kansas.....	30	47	7,798				7	12	988			
SOUTH ATLANTIC:												
Delaware.....	2	2	233				4	10	457			
Maryland.....	12	22	5,805	3	13	1,028	130	1,314	80,653	6	14	413
District of Columbia.....	3	5	1,680				16	52	6,911			
Virginia.....	2	2	590	4	12	755	196	3,058	489,170			
West Virginia.....							3	3	375			
North Carolina.....												
South Carolina.....												
Georgia.....							2	4	475			
Florida.....							1	5	250			
EAST SOUTH CENTRAL:												
Kentucky.....	21	30	5,497				27	84	2,945			
Tennessee.....	11	25	2,555									
Alabama.....				2	20	1,210						
Mississippi.....							1	1	45			
WEST SOUTH CENTRAL:												
Arkansas.....	3	4	275	1	1	35	4	7	1,220			
Louisiana.....							26	54	4,431			
Oklahoma.....	3	13	2,520									
Texas.....							26	67	5,029			
MOUNTAIN:												
Montana.....	2	2	450	16	34	3,960	1	1	100			
Idaho.....				3	3	560						
Wyoming.....												
Colorado.....	5	11	465	9	15	1,730	17	29	3,635			
New Mexico.....	1	1	97	1	1	15	1	1	40			
Arizona.....												
Utah.....							3	4	450			
Nevada.....				1	1	20						
PACIFIC:												
Washington.....	37	56	10,304	2	5	2,050	15	21	3,895			
Oregon.....	10	15	2,168	7	8	840	1	3	450	1	1	200
California.....	143	587	69,076				10	22	3,188	5	13	948

## VEGETABLES—FARMS REPORTING, ACREAGE, AND VALUE OF SPECIFIED VEGETABLES ON FARMS REPORTING ONE ACRE OR OVER, BY DIVISIONS AND STATES: 1909—Continued.

Table 88—Continued. DIVISION OR STATE.	SQUASH.			TOMATOES.			TURNIPS.			WATERMELONS.		
	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.	Farms reporting.	Acreage.	Value.
United States.....	1,002	2,380	\$207,391	64,751	207,379	\$13,707,929	11,732	22,324	\$1,169,499	35,345	137,065	\$4,453,101
GEOGRAPHIC DIVISIONS:												
New England.....	318	830	118,334	1,106	2,165	428,039	1,012	2,010	213,732	58	100	12,490
Middle Atlantic.....	147	274	16,002	11,002	39,392	3,320,295	2,528	5,889	293,371	1,005	2,556	102,993
East North Central.....	130	306	18,772	12,089	35,264	1,604,888	2,305	4,122	165,761	3,589	15,510	563,743
West North Central.....	59	159	6,656	5,518	15,221	586,208	1,155	1,974	77,028	3,765	18,644	560,297
South Atlantic.....	80	179	15,407	21,793	83,372	5,157,216	1,018	3,049	147,844	10,295	51,817	1,409,938
East South Central.....	11	14	744	5,737	13,594	1,004,037	977	2,086	79,816	4,091	10,590	367,378
West South Central.....	29	39	2,387	3,425	8,502	678,558	852	1,511	84,858	9,402	29,077	913,067
Mountain.....	111	218	9,247	1,177	3,370	322,311	208	437	32,130	900	1,864	128,911
Pacific.....	117	361	18,882	1,254	6,499	606,377	327	646	74,950	1,190	6,847	304,344
NEW ENGLAND:												
Maine.....	65	201	22,460	40	60	9,728	332	472	42,585			
New Hampshire.....	4	8	493	21	51	7,143	49	68	6,832			
Vermont.....	14	37	1,158	14	18	4,236	35	64	6,543	4	10	920
Massachusetts.....	217	555	91,388	680	1,228	268,380	620	1,068	95,754	21	31	3,367
Rhode Island.....	5	9	936	92	187	22,898	109	196	21,050	3	5	1,100
Connecticut.....	13	20	1,890	343	621	115,654	407	742	40,968	30	54	7,103
MIDDLE ATLANTIC:												
New York.....	86	103	10,494	3,670	8,636	775,803	1,255	2,727	151,098	71	89	8,088
New Jersey.....	58	105	5,888	6,273	26,552	2,131,973	520	1,410	56,194	896	2,226	137,584
Pennsylvania.....	3	6	520	2,019	4,204	412,510	747	1,752	80,079	128	241	17,321
EAST NORTH CENTRAL:												
Ohio.....	35	62	5,700	3,733	8,263	501,020	454	684	31,791	377	777	46,063
Indiana.....	2	3	60	4,890	18,472	501,180	344	579	19,040	1,677	7,015	291,027
Illinois.....	33	84	6,393	2,339	5,316	343,132	336	677	28,192	1,192	6,211	188,869
Michigan.....	55	149	6,247	1,434	2,850	217,256	898	1,497	66,850	238	430	26,429
Wisconsin.....	5	8	282	203	363	42,300	363	685	19,888	105	168	11,355
WEST NORTH CENTRAL:												
Minnesota.....	33	75	3,031	313	490	52,631	260	443	22,978	59	103	7,046
Iowa.....	7	24	1,040	621	2,055	100,457	105	160	5,740	477	3,464	112,217
Missouri.....	3	5	265	3,845	11,083	322,426	409	753	20,818	1,709	10,727	258,940
North Dakota.....				3	3	410	47	88	3,145	77	96	3,719
South Dakota.....	4	8	110	33	62	4,335	48	93	2,533	119	212	10,025
Nebraska.....	8	42	1,105	145	282	21,012	60	92	3,120	295	725	36,223
Kansas.....	4	5	145	558	1,237	84,937	136	336	9,094	1,029	3,317	131,527
SOUTH ATLANTIC:												
Delaware.....	1	8	120	4,234	13,108	583,630	35	50	2,108	320	859	26,343
Maryland.....	9	17	1,025	9,741	42,721	2,037,634	501	905	34,372	653	2,432	94,737
District of Columbia.....	6	11	1,240	52	133	21,086	33	68	3,556	5	9	531
Virginia.....	7	10	509	3,957	11,905	495,773	340	592	22,582	1,304	3,169	136,898
West Virginia.....				585	1,846	87,386	117	163	4,809	149	473	21,059
North Carolina.....	1	1	50	162	359	22,562	232	333	22,041	1,895	5,825	179,238
South Carolina.....	0	15	1,085	80	146	12,633	92	289	22,042	1,082	5,051	146,418
Georgia.....	7	12	1,005	402	756	57,270	224	445	29,470	3,255	16,298	410,147
Florida.....	43	105	10,433	2,580	12,338	1,839,233	44	85	5,604	1,627	17,711	394,567
EAST SOUTH CENTRAL:												
Kentucky.....	1	1	80	1,433	3,574	128,017	205	307	11,120	779	1,600	70,144
Tennessee.....	4	5	291	2,750	5,803	426,714	395	807	29,853	1,372	2,398	105,061
Alabama.....	6	8	373	280	566	47,322	200	738	22,847	1,786	4,798	135,260
Mississippi.....				1,205	3,651	401,984	171	234	15,987	1,054	1,794	86,973
WEST SOUTH CENTRAL:												
Arkansas.....				543	1,704	28,671	217	332	15,518	1,768	3,410	138,583
Louisiana.....	5	5	260	258	448	33,554	216	423	23,868	800	1,278	69,356
Oklahoma.....	1	2	100	155	315	19,295	44	101	6,182	1,623	5,923	165,725
Texas.....	23	32	2,027	2,409	6,035	597,038	375	655	39,290	5,271	18,466	539,313
MOUNTAIN:												
Montana.....	3	4	47	13	16	2,522	30	60	3,858	16	30	2,600
Idaho.....	5	6	455	20	42	8,840	23	35	2,470	75	165	15,016
Wyoming.....	2	8	175	4	5	1,324	24	33	2,839	6	9	1,130
Colorado.....	31	59	3,306	486	1,640	138,339	101	164	11,881	210	467	28,430
New Mexico.....	13	25	1,152	17	34	5,466	47	75	3,203	154	287	13,978
Arizona.....	25	36	1,058	29	40	9,239	15	32	5,700	328	735	52,502
Utah.....	28	70	1,850	590	1,571	154,455	10	12	1,305	87	137	12,232
Nevada.....	4	4	514	9	10	2,126	9	17	823	24	34	2,922
PACIFIC:												
Washington.....	5	8	675	190	304	62,613	57	87	11,484	98	214	15,525
Oregon.....	18	43	2,501	129	203	39,060	80	141	10,317	104	568	32,842
California.....	94	310	15,706	935	5,932	504,704	100	418	53,149	988	6,065	265,977

TOBACCO.

The United States as a whole.—Statistics for tobacco for the United States as a whole are given in Table 89.

Table 89	TOBACCO.			
	1909	1899	1889	1879
Number of farms reporting.	326, 019	308, 292		
Per cent of all farms.....	5.1	5.4		
Acreage.....	1, 294, 911	1, 101, 460	695, 301	638, 841
Increase over preceding census.....	193, 451	406, 159	56, 460	
Per cent of increase.....	17.6	58.4	8.8	
Acres per farm reporting.....	4.0	3.6		
Per cent that acreage in tobacco formed of—				
Total improved acreage.....	0.3	0.3	0.2	0.2
Total reported crop acreage.....	0.4	0.4		
Production (pounds).....	1, 055, 764, 306	868, 112, 865	488, 256, 646	472, 661, 157
Increase over preceding census.....	187, 651, 941	379, 856, 219	15, 595, 489	209, 925, 816
Per cent of increase.....	21.6	77.8	3.3	79.9
Average yield per acre.....	815	788	702	740
Value.....	\$104, 302, 856	\$56, 987, 902		
Increase over preceding census.....	\$47, 314, 954			
Per cent of increase.....	83.0			
Average per pound.....	\$0.10	\$0.07		
Average per acre.....	\$80.55	\$51.74		
Per cent that value of tobacco formed of total value of all crops.....	1.9	1.9		

NOTE.—The production of tobacco was 262,735,341 pounds in 1869 and 434,209,461 pounds in 1859.

The acreage of tobacco in 1909 was 1,294,911, or 0.4 per cent of the total reported crop acreage. In 1899, the acreage was 1,101,460, the increase for the decade being 193,451, or 17.6 per cent. The production of tobacco amounted to 1,055,765,000 pounds in 1909, as compared with 868,113,000 pounds in 1899, showing an increase of 187,652,000, or 21.6 per cent, during the decade. The average yield per acre increased from 788 pounds in 1899 to 815 pounds in 1909. The value of tobacco in 1909 was \$104,303,000, showing an increase of 83 per cent over that in 1899, when it was \$56,988,000. The average value of tobacco per pound rose from 7 cents to 10 cents during the decade 1899–1909, and the average value per acre from \$51.74 to \$80.55.

During the 30 years, 1879–1909, the acreage of tobacco more than doubled, the greatest increase occurring between 1889 and 1899. The production figures go back 20 years further and show that the tobacco crop increase was about two and one-half times as great in 1909 as in 1859.

Divisions and states.—Tables 90 to 93 give, by divisions and states, information similar to that presented for the United States as a whole in Table 89.

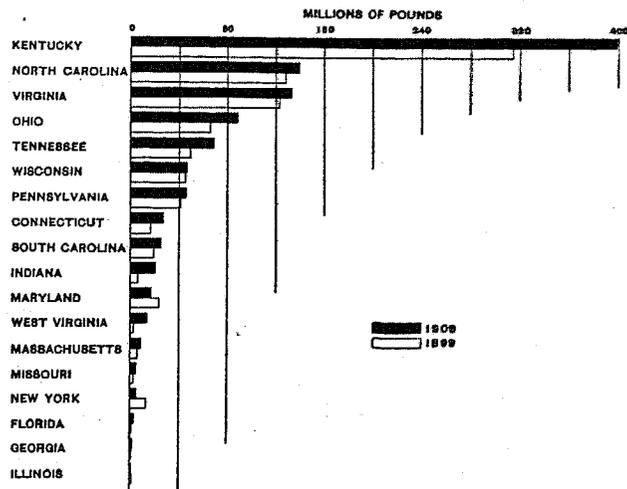
There were only five states in 1909 where as many as 50,000 acres were devoted to tobacco—Kentucky, with 469,795 acres; North Carolina, with 221,890; Virginia, with 185,427; Ohio, with 106,477; and Tennessee, with 90,468—these five states comprising more than four-fifths (82.9 per cent) of the total tobacco acreage of the country. Kentucky showed the greatest absolute increase in acreage of tobacco between 1899 and 1909, 84,990 acres, or 22.1 per cent, and Ohio showed the next greatest, 35,055 acres, or 49.1 per cent. The increase in the acreage

of tobacco in North Carolina was only 9.3 per cent, and in Virginia only 0.6 per cent.

The five states mentioned were the only ones where the production of tobacco amounted in 1909 to as much as 50,000,000 pounds, or its value to as much as \$5,000,000. The production of tobacco in Kentucky was 398,482,000 pounds, valued at \$39,869,000, while in the next most important state, North Carolina, it was 138,813,000 pounds, valued at \$13,848,000.

As shown in the diagram below, every one of the five leading tobacco growing states showed between 1899 and 1909 an increase in the production and in the value of tobacco, but in Virginia and North Carolina the percentages of increase in production were very much smaller, and those in value somewhat smaller than in the other states.

PRODUCTION OF TOBACCO: 1909 AND 1899.



In 1909 the average yield of tobacco per acre was 848 pounds in Kentucky, 832 in Ohio, and 760 in Tennessee, while in Virginia it was only 717 pounds, and in North Carolina 626 pounds. The average yield increased considerably between 1899 and 1909 in Kentucky, Tennessee, and Virginia, while in North Carolina it decreased slightly and in Ohio it showed a considerable decline. The average value of tobacco per pound was 10 cents in three of these leading states, 9 cents in Virginia, and 8 cents in Tennessee.

A study of the distribution of the acreage of tobacco at the several censuses from 1879 to 1909 shows that the general location of the acreage has undergone but little change during the 30 years. Of the individual states, Virginia shows a serious loss since 1879, while North Carolina shows a large gain, and Kentucky, Ohio, and Tennessee show small increases in their proportion of the total acreage. The figures for production, going back 20 years further, show that during the 50 years since 1859, the East South Central and East North Central divisions have gained in importance as tobacco raising sections, while the South Atlantic division lost ground in this respect.

TOBACCO—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 90 DIVISION OR STATE.	ACREAGE.				PRODUCTION (POUNDS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States.....</b>	<b>1,294,911</b>	<b>1,101,460</b>	<b>193,451</b>	<b>17.6</b>	<b>1,055,764,806</b>	<b>868,112,865</b>	<b>187,651,941</b>	<b>21.6</b>	<b>\$104,303,856</b>	<b>\$56,987,902</b>	<b>\$47,314,954</b>	<b>83.0</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	21,745	14,212	7,533	53.0	37,061,893	23,810,524	14,151,369	59.4	5,670,002	4,101,428	1,568,574	38.2
Middle Atlantic.....	46,852	30,069	6,783	17.4	51,510,925	55,461,710	-3,950,785	-7.1	4,328,854	4,131,623	197,231	4.8
East North Central..	171,973	115,810	50,163	48.5	167,050,785	119,851,780	38,198,005	31.8	15,082,802	8,298,606	6,784,196	81.7
West North Central..	5,700	4,708	1,003	21.3	5,704,572	3,340,811	2,354,761	70.3	713,321	245,720	467,606	190.3
South Atlantic.....	487,411	405,754	21,657	4.6	334,569,490	300,194,090	34,375,400	11.5	32,843,156	18,627,038	14,216,118	76.3
East South Central..	560,523	457,098	102,525	22.4	467,348,072	363,820,310	103,527,762	28.5	45,548,716	21,355,283	24,193,433	113.3
West South Central..	1,683	3,867	-2,174	-56.4	700,915	1,592,830	-891,915	-56.0	114,452	222,302	-107,940	-48.5
Mountain.....	11	8	3	(1)	3,457	2,510	947	37.7	778	408	370	90.7
Pacific.....	4	40	-42	(1)	5,601	20,300	-23,000	-80.0	685	5,308	-4,623	-87.1
<b>NEW ENGLAND:</b>												
Maine.....	(2)	(2)			50	150	-100	-66.7	10	14	-4	(1)
New Hampshire.....	79	109	-30	-27.5	136,894	181,644	-44,750	-24.0	18,404	27,920	-9,516	-34.1
Vermont.....	103	158	-55	-34.8	164,680	204,300	-126,710	-43.5	17,416	43,073	-25,657	-59.6
Massachusetts.....	5,521	3,826	1,695	44.3	6,549,306	6,406,570	3,142,736	49.1	1,218,060	950,399	261,661	27.4
Rhode Island.....	(2)				510		510		164		164	
Connecticut.....	16,042	10,110	5,932	58.5	28,110,456	16,930,770	11,179,683	66.0	4,416,948	3,074,022	1,341,926	43.7
<b>MIDDLE ATLANTIC:</b>												
New York.....	4,100	11,307	-7,198	-63.7	5,345,035	13,058,370	-8,613,335	-61.7	402,517	1,172,236	-769,719	-65.7
New Jersey.....	1	2	-1	(1)	1,090	720	370	51.4	221	83	138	(1)
Pennsylvania.....	41,742	27,760	13,982	60.4	46,164,800	41,502,620	4,662,180	11.2	3,926,116	2,959,304	966,812	32.7
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	106,477	71,422	35,055	49.1	88,603,308	65,957,100	22,646,208	34.3	8,998,887	4,864,191	4,134,696	85.0
Indiana.....	23,694	8,219	15,475	188.3	21,387,824	6,882,470	14,505,354	210.8	2,145,193	445,658	1,699,535	381.4
Illinois.....	1,313	2,242	-929	-41.4	1,029,610	1,447,150	-417,534	-28.0	80,389	85,411	-5,022	-5.9
Michigan.....	31	67	-36	(1)	29,855	64,580	-34,725	-53.8	3,390	5,345	-1,955	-36.6
Wisconsin.....	40,458	33,880	6,578	19.6	46,909,182	45,500,480	1,408,702	3.1	3,855,933	2,898,091	957,842	33.0
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	150	117	33	28.2	173,321	127,730	45,591	35.7	20,554	12,869	7,685	59.7
Iowa.....	81	131	-50	-38.2	102,886	127,420	-24,534	-19.3	8,751	8,345	406	4.9
Missouri.....	5,433	4,361	1,072	24.6	5,372,738	3,041,906	2,330,742	76.6	676,479	218,091	457,488	208.9
North Dakota.....	0	1	5	(1)	3,008	210	3,768	1,789.5	530	22	508	(1)
South Dakota.....	(2)	2	-2	(1)	800	730	130	17.8	120	85	35	(1)
Nebraska.....	(2)	14	-14	(1)	2,423	5,765	-3,342	-58.0	356	610	-254	-41.6
Kansas.....	39	80	-41	(1)	48,376	45,060	2,416	5.3	6,631	4,804	1,727	35.9
<b>SOUTH ATLANTIC:</b>												
Delaware.....		4	-4			2,000	-2,000			200	-200	
Maryland.....	20,072	42,911	-16,839	-39.2	17,845,600	24,589,480	-6,743,781	-27.4	1,457,112	1,438,169	18,943	1.3
District of Columbia												
Virginia.....	185,427	184,384	1,043	0.6	132,970,390	122,884,900	10,094,490	8.2	12,160,080	7,210,195	4,958,885	68.8
West Virginia.....	17,928	5,129	12,799	249.5	14,350,400	3,087,140	11,263,260	365.0	1,923,180	228,620	1,694,560	741.2
North Carolina.....	221,800	203,023	18,777	9.3	138,813,163	127,503,400	11,309,763	8.9	13,847,559	8,088,691	5,758,868	72.3
South Carolina.....	30,082	25,993	4,089	15.7	25,583,049	19,895,070	5,687,979	28.6	2,123,576	1,297,293	826,283	63.7
Georgia.....	2,025	2,304	-279	-12.1	1,485,994	1,105,600	380,394	34.4	297,167	159,059	137,698	86.1
Florida.....	3,987	2,050	1,931	93.0	3,505,891	1,125,600	2,380,291	211.5	1,025,470	254,211	771,259	303.4
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	409,795	384,805	24,990	22.1	398,482,301	314,288,050	84,194,251	26.8	39,868,753	18,541,982	21,326,771	115.0
Tennessee.....	90,408	71,840	18,568	26.0	68,750,599	40,157,550	28,593,049	39.9	5,061,681	2,748,495	2,313,186	106.0
Alabama.....	211	1,141	-930	-81.5	90,572	311,950	-221,378	-71.0	14,892	55,581	-40,689	-73.2
Mississippi.....	49	203	-154	-75.9	18,600	62,760	-44,160	-70.4	3,300	9,225	-5,925	-63.3
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	768	1,887	-1,120	-59.8	310,418	831,700	-515,282	-62.0	40,489	85,395	-44,906	-52.6
Louisiana.....	519	275	244	88.7	172,418	102,100	70,318	68.9	42,617	20,488	22,129	108.0
Oklahoma.....	82	4,252	-1,170	-67.5	50,546	108,010	-57,464	-53.6	5,312	11,815	-6,503	-55.0
Texas.....	324	1,443	-1,119	-77.5	161,533	550,120	-388,587	-70.6	20,084	104,694	-84,610	-75.1
<b>MOUNTAIN:</b>												
Montana.....	3	1	2	(1)	150	200	-50	-25.0	55	60	-5	(1)
Idaho.....	(1)	1	-1	(1)	103	750	-647	-86.3	61	150	-89	-59.3
Wyoming.....												
Colorado.....	(2)				100		100		10		10	
New Mexico.....	7	6	1	(1)	2,334	1,460	874	59.0	480	173	316	182.7
Arizona.....	1	(2)	1	(1)	500	100	400	400.0	65	25	70	(1)
Utah.....	(1)				270		270		68		68	
Nevada.....												
<b>PACIFIC:</b>												
Washington.....	(2)	5	-5	(1)	600	1,180	-481	-40.8	88	187	-99	-52.9
Oregon.....	(2)	14	-14	(1)	400	4,630	-4,140	-80.4	118	769	-651	-84.7
California.....	4	27	-23	(1)	4,502	23,490	-18,988	-80.8	479	4,352	-3,873	-89.0

1 Per cent not shown where base is less than 100. 2 Less than 1 acre. 3 Corrected from 1909 Report on Agriculture, Part II. 4 Includes Indian Territory.

# INDIVIDUAL CROPS.

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TOBACCO—ACREAGE AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1909.

Table 91 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (POUNDS).			
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879
United States.....	326,919	308,292	1,294,911	1,101,460	695,301	638,841	1,055,764,806	868,112,865	488,256,646	472,661,157
<b>GEOGRAPHIC DIVISIONS:</b>										
New England.....	3,865	4,026	21,745	14,212	8,451	12,199	37,961,893	23,810,524	11,827,083	19,717,368
Middle Atlantic.....	13,032	13,846	45,852	30,069	35,629	32,655	51,510,925	55,461,710	38,306,227	43,597,018
East North Central.....	42,929	29,783	171,973	115,810	75,094	61,223	157,959,785	119,851,780	68,007,946	58,236,291
West North Central.....	6,724	11,264	5,709	4,706	11,695	16,815	5,704,572	3,349,811	9,596,421	12,757,601
South Atlantic.....	120,731	117,629	487,411	465,754	234,981	241,480	334,569,496	300,194,090	100,843,545	135,651,502
East South Central.....	135,360	120,900	560,523	457,998	326,971	271,320	467,348,072	363,820,310	258,473,239	201,332,925
West South Central.....	4,196	10,731	1,683	3,857	2,408	3,002	700,915	1,592,830	1,177,341	1,247,457
Mountain.....	53	12	11	8	8	12	3,457	2,510	1,562	3,390
Pacific.....	29	101	4	46	64	135	5,691	29,300	23,272	97,572
<b>NEW ENGLAND:</b>										
Maine.....	3	2	( <sup>1</sup> )	( <sup>1</sup> )	1	1	50	150	200	250
New Hampshire.....	33	37	79	109	57	88	136,894	181,644	86,693	179,843
Vermont.....	45	69	103	158	50	84	164,660	291,390	70,518	131,432
Massachusetts.....	910	1,009	5,521	3,826	2,012	3,358	9,549,306	6,406,570	2,794,848	5,369,426
Rhode Island.....	5		( <sup>2</sup> )				510			785
Connecticut.....	2,869	2,909	10,042	10,119	6,331	8,666	28,110,453	16,930,770	8,874,924	14,944,632
<b>MIDDLE ATLANTIC:</b>										
New York.....	1,355	4,221	4,109	11,307	8,629	4,937	5,345,035	13,958,370	9,316,135	6,461,431
New Jersey.....	11	4	1	2	45	152	1,090	720	33,855	132,315
Pennsylvania.....	11,666	9,621	41,742	27,760	28,955	27,566	46,164,800	41,562,620	28,956,247	26,943,272
<b>EAST NORTH CENTRAL:</b>										
Ohio.....	23,119	16,666	106,477	71,422	44,303	34,676	88,603,308	65,957,100	37,853,563	34,736,235
Indiana.....	8,660	3,990	23,694	8,219	9,373	11,955	21,387,824	6,882,470	7,716,297	8,872,842
Illinois.....	1,652	2,106	1,313	2,242	4,155	5,612	1,029,616	1,447,150	3,042,936	3,935,825
Michigan.....	108	102	81	97	22	170	29,855	64,560	11,984	83,969
Wisconsin.....	9,390	6,919	40,458	33,830	17,241	8,810	46,909,182	45,500,430	19,389,166	10,608,423
<b>WEST NORTH CENTRAL:</b>										
Minnesota.....	186	186	150	117	49	163	173,321	127,730	23,285	69,922
Iowa.....	174	281	81	131	124	662	102,886	127,420	74,396	420,477
Missouri.....	6,168	10,475	5,433	4,361	11,350	15,621	5,372,738	3,041,996	9,424,823	12,013,667
North Dakota.....	16	3	6	1	2	25	3,968	210	590	1,1897
South Dakota.....	11	11	( <sup>1</sup> )	2	1	( <sup>2</sup> )	860	730	195	( <sup>3</sup> )
Nebraska.....	37	101	( <sup>1</sup> )	14	46	101	2,423	5,765	11,049	57,979
Kansas.....	132	207	39	80	123	333	48,376	45,960	62,063	191,669
<b>SOUTH ATLANTIC:</b>										
Delaware.....		1		4	20	4		2,000	29,680	1,278
Maryland.....	4,392	5,338	26,072	42,911	20,274	38,174	17,846,699	24,589,480	12,356,833	26,082,147
District of Columbia.....						2				1,400
Virginia.....	44,472	44,872	185,427	184,334	110,579	140,791	132,979,390	122,884,900	48,522,655	79,988,868
West Virginia.....	9,299	5,045	17,928	5,129	4,647	4,071	14,356,400	3,087,140	2,602,021	2,296,146
North Carolina.....	51,926	51,106	221,890	203,023	97,077	57,208	138,813,163	127,603,400	36,375,258	26,966,213
South Carolina.....	8,166	6,744	30,082	25,993	894	169	25,583,049	19,895,970	222,898	45,678
Georgia.....	1,760	3,525	2,025	2,304	800	971	1,485,994	1,105,600	263,732	228,590
Florida.....	716	998	3,987	2,056	1,190	90	3,505,801	1,125,600	470,443	21,182
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	108,050	86,534	469,795	384,805	274,587	226,120	398,482,301	314,288,050	221,880,303	171,120,784
Tennessee.....	25,637	27,960	90,468	71,849	51,471	41,532	68,756,569	49,157,150	36,368,395	29,365,632
Alabama.....	1,267	5,287	211	1,141	679	2,197	90,572	311,950	162,430	452,426
Mississippi.....	406	1,119	49	203	234	1,471	18,600	62,760	62,111	414,663
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	3,329	7,781	758	1,887	1,876	2,064	316,418	331,700	954,790	970,220
Louisiana.....	208	522	519	275	109	253	172,418	102,100	46,845	55,954
Oklahoma.....	207	4,082	82	4,252			50,546	108,910		
Texas.....	452	1,746	324	1,443	423	685	161,533	550,120	175,706	221,283
<b>MOUNTAIN:</b>										
Montana.....	2	1	3	1			150	200	25	
Idaho.....	2	3	( <sup>1</sup> )	1		2	103	750		400
Colorado.....	2		( <sup>1</sup> )		2		100		120	
New Mexico.....	38	7	7	6	6	7	2,324	1,460	1,415	890
Arizona.....	4	1	1	( <sup>1</sup> )		1	500	100	2	600
Utah.....	5		( <sup>1</sup> )				270			
Nevada.....						2				1,569
<b>PACIFIC:</b>										
Washington.....	9	23	( <sup>1</sup> )	5	25	8	609	1,180	7,040	6,930
Oregon.....	8	67	( <sup>1</sup> )	14	12	43	490	4,630	3,325	17,325
California.....	12	11	4	27	27	84	4,502	23,490	12,907	73,317

<sup>1</sup> Less than 1 acre.

<sup>2</sup> Includes South Dakota.

<sup>3</sup> See North Dakota.

<sup>4</sup> Includes Indian Territory.

TOBACCO—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 92 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
United States.....	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0						
GEOGRAPHIC DIVISIONS:																				
New England.....	1.7	1.3	1.2	1.9	5	5	6	6	3.6	2.7	2.4	4.2	6.1	2.2	5	5	5	5	4	6
Middle Atlantic.....	3.5	3.5	5.1	5.1	4	4	4	4	4.9	6.4	7.8	9.2	2.2	2.0	4	4	4	4	6	6
East North Central.....	13.3	10.5	10.8	9.6	3	3	3	3	15.0	13.8	13.9	12.3	13.1	9.2	3	3	3	3	3	3
West North Central.....	0.4	0.4	1.7	2.6	6	6	5	5	0.5	0.4	2.0	2.7	4.7	5.9	6	6	6	6	5	4
South Atlantic.....	37.6	42.3	33.8	37.8	2	1	2	2	31.7	34.6	20.7	28.7	25.3	45.5	2	2	2	2	2	1
East South Central.....	43.3	41.6	47.0	42.5	1	2	1	1	44.3	41.9	52.9	42.6	48.4	35.0	1	1	1	1	1	2
West South Central.....	0.1	0.4	0.3	0.5	7	7	7	7	0.1	0.2	0.2	0.3	0.2	0.2	7	7	7	7	7	7
Mountain.....	(1)	(1)	(1)	(1)	8	8	8	8	(1)	(1)	(1)	(1)	(1)	(1)	9	9	9	9	9	8
Pacific.....	(1)	(1)	(1)	(1)	9	9	9	9	(1)	(1)	(1)	(1)	(1)	(1)	8	8	8	8	8	9
NEW ENGLAND:																				
Maine.....	(1)	(1)	(1)	(1)	42	39	43		(1)	(1)	(1)	(1)	(1)	(1)	45	42	38	43	42	35
New Hampshire.....	(1)	(1)	(1)	(1)	27	28	26	30	(1)	(1)	(1)	(1)	0.1	(1)	24	23	22	24	19	28
Vermont.....	(1)	(1)	(1)	(1)	24	25	27	32	(1)	(1)	(1)	(1)	(1)	(1)	22	22	24	25	21	30
Massachusetts.....	0.4	0.3	0.3	0.5	13	15	15	15	0.9	0.7	0.6	1.1	2.8	0.8	13	13	14	13	10	12
Rhode Island.....	(1)	(1)	(1)	(1)				41	(1)			(1)	(1)	(1)	38			40	37	26
Connecticut.....	1.2	0.9	0.9	1.4	12	11	12	11	2.7	1.9	1.8	3.0	3.2	1.4	8	10	11	8	9	10
MIDDLE ATLANTIC:																				
New York.....	0.3	1.0	1.2	0.8	15	10	11	13	0.5	1.6	1.9	1.4	0.9	1.3	15	11	10	12	13	11
New Jersey.....	(1)	(1)	(1)	(1)	30	37	30	27	(1)	(1)	(1)	(1)	(1)	(1)	35	39	28	23	26	20
Pennsylvania.....	3.2	2.5	3.9	4.3	6	8	6	7	4.4	4.8	5.9	7.8	1.3	0.7	7	7	6	3	12	13
EAST NORTH CENTRAL:																				
Ohio.....	8.2	6.5	6.4	5.4	4	5	5	6	8.4	7.6	7.8	7.4	7.1	5.8	4	4	3	4	4	6
Indiana.....	1.8	0.7	1.3	1.0	10	12	10	9	2.0	0.8	1.6	1.9	3.6	1.8	10	12	12	11	8	8
Illinois.....	0.1	0.2	0.6	0.9	18	17	14	12	0.1	0.2	0.6	0.8	2.0	1.6	18	16	13	14	11	9
Michigan.....	(1)	(1)	(1)	(1)	30	20	33	24	(1)	(1)	(1)	(1)	(1)	(1)	29	28	32	20	33	21
Wisconsin.....	3.1	3.1	2.5	1.4	7	7	8	10	4.4	5.2	4.0	2.3	0.4	(1)	6	6	7	10	15	24
WEST NORTH CENTRAL:																				
Minnesota.....	(1)	(1)	(1)	(1)	23	27	28	26	(1)	(1)	(1)	(1)	(1)	(1)	20	24	30	28	31	26
Iowa.....	(1)	(1)	(1)	0.1	26	26	23	20	(1)	(1)	(1)	0.1	(1)	0.1	25	25	23	18	22	17
Missouri.....	0.4	0.4	1.6	2.4	14	14	9	8	0.5	0.4	1.9	2.6	4.7	5.8	14	15	9	9	6	7
North Dakota.....	(1)	(1)	(1)	(1,2)	32	41	38	36	(1)	(1)	(1)	(1,2)		(1,2)	32	40	37	35		30
South Dakota.....	(1)	(1)	(1)	(1)					(1)	(1)	(1)	(1)		(1)	30	38	39	(1)		(1)
Nebraska.....	(1)	(1)	(1)	(1)					(1)	(1)	(1)	(1)		(1)	33	32	33	29	32	33
Kansas.....	(1)	(1)	(1)	0.1	29	30	24	22	(1)	(1)	(1)	(1)		(1)	28	30	26	22	28	27
SOUTH ATLANTIC:																				
Delaware.....	(1)	(1)	(1)	(1)					(1)	(1)	(1)	(1)		(1)				34	29	38
Maryland.....	2.0	3.9	2.0	0.0	9	6	7	5	1.7	2.8	2.5	5.5	6.0	8.0	11	8	8	7	5	4
District of Columbia.....				(1)										(1)				37		29
Virginia.....	14.3	16.7	15.9	22.0	3	3	2	2	12.6	14.2	9.9	10.9	14.1	28.0	3	3	2	2	2	(1)
West Virginia.....	1.4	0.5	0.7	0.6	11	13	13	14	1.4	0.4	0.5	0.5	0.8	(1)	12	14	15	15	14	(1)
North Carolina.....	17.1	18.4	14.0	9.0	2	2	3	3	13.1	14.7	7.5	5.7	4.2	7.6	2	2	4	6	7	5
South Carolina.....	2.3	2.4	0.1	(1)	8	9	21	25	2.4	2.3	0.1	(1)	(1)	(1)	9	9	19	31	27	23
Georgia.....	0.2	0.2	0.1	0.2	17	16	18	19	0.1	0.1	0.1	0.1	0.1	0.2	17	18	18	20	17	15
Florida.....	0.3	0.2	0.2	(1)	16	18	17	20	0.3	0.1	0.1	(1)	0.1	0.2	16	17	17	32	13	16
EAST SOUTH CENTRAL:																				
Kentucky.....	36.3	34.0	30.5	35.4	1	1	1	1	37.7	30.2	45.5	30.2	40.1	24.9	1	1	1	1	1	2
Tennessee.....	7.0	6.5	7.4	6.5	5	4	4	4	6.5	5.7	7.5	6.2	8.2	10.0	5	5	5	5	3	3
Alabama.....	(1)	0.1	0.1	0.4	22	21	10	16	(1)	(1)	(1)	0.1	0.1	0.1	26	21	21	17	20	18
Mississippi.....	(1)	(1)	(1)	0.2	28	24	22	18	(1)	(1)	(1)	0.1	(1)	(1)	30	29	25	19	24	19
WEST SOUTH CENTRAL:																				
Arkansas.....	0.1	0.2	0.3	0.3	10	10	16	17	(1)	(1)	0.2	0.2	0.2	0.2	19	19	16	16	16	14
Louisiana.....	(1)	(1)	(1)	0.1	20	22	25	23	(1)	(1)	(1)	(1)	(1)	(1)	21	27	27	30	29	25
Oklahoma.....	(1)	(1,2)			25	23			(1)	(1,2)					27	26				
Texas.....	(1)	0.1	0.1	0.1	21	20	20	21	(1)	(1)	(1)	0.1	(1)	(1)	23	20	20	21	25	23
MOUNTAIN:																				
Montana.....	(1)	(1)			34	40			(1)	(1)	(1)		(1)		42	41	41			38
Idaho.....		(1)		(1)		30		30	(1)	(1)		(1)			43	37		42		
Wyoming.....																				
Colorado.....			(1)				37		(1)		(1)		(1)		44			40		36
New Mexico.....	(1)	(1)	(1)	(1)	31	34	36	35	(1)	(1)	(1)	(1)	(1)	(1)	34	35	36	39	30	32
Arizona.....	(1)	(1)		(1)	35	43		42	(1)	(1)	(1)	(1)	(1)	(1)	30	43	42	41	40	
Utah.....	(1)								(1)						41					
Nevada.....				(1)				40				(1)	(1)					36	41	
PACIFIC:																				
Washington.....	(1)	(1)	(1)	(1)		35	32	34	(1)	(1)	(1)	(1)	(1)	(1)	37	36	34	34	35	36
Oregon.....	(1)	(1)	(1)	(1)		33	35	33	(1)	(1)	(1)	(1)	(1)	(1)	40	33	35	33	34	37
California.....	(1)	(1)	(1)	(1)		33	31	31	(1)	(1)	(1)	(1)	(1)	(1)	31	31	31	27	23	34

<sup>1</sup> Less than one-tenth of 1 per cent.  
<sup>2</sup> Includes South Dakota.

<sup>3</sup> See North Dakota.  
<sup>4</sup> Includes West Virginia.

<sup>5</sup> See Virginia.  
<sup>6</sup> Includes Indian Territory.

<sup>7</sup> Less than 1 acre.

# INDIVIDUAL CROPS.

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TOBACCO—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER POUND AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

Table 93 DIVISION OR STATE.	FARMS REPORTING TOBACCO.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (POUNDS).				AVERAGE VALUE PER POUND.		AVERAGE VALUE PER ACRE.		
	Per cent of all farms.		Average acres per farm.		1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1909	1899	
	1909	1899	1909	1899													
United States.....	5.1	5.4	4.0	3.8	0.3	0.3	0.2	0.2	815	788	702	740	\$0.10	\$0.07	\$80.55	\$51.74	
<b>GEOGRAPHIC DIVISIONS:</b>																	
New England.....	2.0	2.1	5.6	3.5	0.3	0.2	0.1	0.1	1,746	1,675	1,400	1,616	0.15	0.17	260.75	288.59	
Middle Atlantic.....	2.8	2.9	3.5	2.8	0.2	0.1	0.1	0.1	1,123	1,420	1,075	1,335	0.08	0.07	94.41	105.75	
East North Central.....	3.8	2.6	4.0	3.9	0.2	0.1	0.1	0.1	919	1,035	906	951	0.10	0.07	87.71	71.66	
West North Central.....	0.6	1.1	0.8	0.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	999	712	821	759	0.13	0.07	124.95	52.22	
South Atlantic.....	10.9	12.2	4.0	4.0	1.0	1.0	0.6	0.7	686	645	429	562	0.10	0.06	67.38	39.99	
East South Central.....	13.0	13.4	4.1	3.8	1.3	1.1	0.9	0.9	834	794	791	742	0.10	0.06	81.26	46.63	
West South Central.....	0.4	1.4	0.4	0.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	417	413	489	416	0.16	0.14	68.00	57.66	
Mountain.....	( <sup>1</sup> )	( <sup>1</sup> )	0.2	0.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	314	314	195	283	0.23	0.16	70.73	51.00	
Pacific.....	( <sup>1</sup> )	0.1	0.1	0.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,423	637	364	723	0.12	0.18	171.25	115.39	
<b>NEW ENGLAND:</b>																	
Maine.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	200	250	0.20	0.09	( <sup>2</sup> )	( <sup>2</sup> )	
New Hampshire.....	0.1	0.1	2.4	2.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,733	1,666	1,519	1,941	0.13	0.15	232.96	256.15	
Vermont.....	0.1	0.2	2.3	2.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,599	1,844	1,410	1,565	0.11	0.15	169.09	272.61	
Massachusetts.....	2.5	2.7	0.1	3.8	0.5	0.3	0.1	0.2	1,730	1,674	1,389	1,599	0.13	0.15	220.62	249.97	
Rhode Island.....	0.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	392	392	0.32	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
Connecticut.....	10.7	10.8	5.6	3.5	1.6	1.0	0.5	0.5	1,752	1,673	1,402	1,621	0.16	0.18	275.27	303.79	
<b>MIDDLE ATLANTIC:</b>																	
New York.....	0.6	1.9	3.0	2.7	( <sup>1</sup> )	0.1	0.1	( <sup>1</sup> )	1,301	1,234	1,080	1,313	0.08	0.08	97.96	103.67	
New Jersey.....	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,090	360	752	1,134	0.20	0.12	221.00	41.50	
Pennsylvania.....	5.3	4.3	3.6	2.9	0.3	0.2	0.2	0.2	1,106	1,495	1,074	1,340	0.09	0.07	94.06	106.60	
<b>EAST NORTH CENTRAL:</b>																	
Ohio.....	8.5	6.0	4.6	4.3	0.6	0.4	0.2	0.2	832	923	854	1,002	0.10	0.07	84.51	68.10	
Indiana.....	4.0	1.8	2.7	2.1	0.1	( <sup>1</sup> )	0.1	0.1	903	837	823	742	0.10	0.06	90.54	54.22	
Illinois.....	0.7	0.8	0.8	1.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	784	645	732	701	0.08	0.06	61.23	38.10	
Michigan.....	0.1	0.1	0.3	1.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	963	666	545	494	0.11	0.08	109.35	55.10	
Wisconsin.....	5.3	4.1	4.3	4.9	0.3	0.3	0.2	0.1	1,160	1,345	1,125	1,204	0.08	0.06	95.28	85.67	
<b>WEST NORTH CENTRAL:</b>																	
Minnesota.....	0.1	0.1	0.8	0.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,156	1,092	475	429	0.12	0.10	137.03	109.99	
Iowa.....	0.1	0.1	0.5	0.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,270	973	600	608	0.09	0.07	108.04	63.70	
Missouri.....	2.2	3.7	0.9	0.4	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1	989	698	830	774	0.13	0.07	124.51	50.22	
North Dakota.....	( <sup>1</sup> )	( <sup>1</sup> )	0.4	0.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1,2</sup> )	661	210	295	* 379	0.13	0.10	88.33	22.00	
South Dakota.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	0.2	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	365	195	( <sup>4</sup> )	0.14	0.12	( <sup>2</sup> )	42.50	
Nebraska.....	( <sup>1</sup> )	0.1	( <sup>2</sup> )	0.1	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	412	240	574	0.15	0.11	( <sup>2</sup> )	43.57	
Kansas.....	0.1	0.1	0.3	0.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,240	574	505	576	0.14	0.10	167.46	60.06	
<b>SOUTH ATLANTIC:</b>																	
Delaware.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	500	1,484	320	0.10	( <sup>1</sup> )	( <sup>1</sup> )	50.00
Maryland.....	9.0	11.6	5.9	8.0	0.8	1.2	0.6	1.1	685	573	609	683	0.08	0.06	55.89	33.52	
District of Columbia.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Virginia.....	24.2	26.7	4.2	4.1	1.9	1.8	1.2	1.7	717	667	439	568	0.09	0.06	65.63	39.11	
West Virginia.....	9.6	5.4	1.9	1.0	0.3	0.1	0.1	0.1	801	602	560	564	0.13	0.07	107.27	44.57	
North Carolina.....	20.5	22.8	4.3	4.0	2.5	2.4	1.2	0.9	626	628	375	472	0.10	0.06	62.41	39.59	
South Carolina.....	4.6	4.3	3.7	3.9	0.5	0.5	( <sup>1</sup> )	( <sup>1</sup> )	850	765	566	270	0.08	0.07	70.59	49.91	
Georgia.....	0.6	1.6	1.2	0.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	734	480	330	235	0.20	0.14	146.75	69.30	
Florida.....	1.4	2.4	5.6	2.1	0.2	0.1	0.1	( <sup>1</sup> )	879	547	395	235	0.29	0.23	287.20	123.64	
<b>EAST SOUTH CENTRAL:</b>																	
Kentucky.....	41.7	36.9	4.3	4.4	3.3	2.8	2.3	2.1	848	817	808	757	0.10	0.06	84.86	48.19	
Tennessee.....	10.4	12.4	3.5	2.6	0.8	0.7	0.5	0.5	760	684	707	707	0.08	0.06	62.58	38.25	
Alabama.....	0.5	2.4	0.2	0.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	429	273	239	206	0.16	0.18	70.58	48.71	
Mississippi.....	0.1	0.5	0.1	0.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	380	309	265	282	0.18	0.15	69.18	45.44	
<b>WEST SOUTH CENTRAL:</b>																	
Arkansas.....	1.6	4.4	0.2	0.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.1	417	441	509	470	0.13	0.10	53.42	45.25	
Louisiana.....	0.2	0.5	2.5	0.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	332	371	430	221	0.25	0.20	82.11	74.50	
Oklahoma.....	0.1	* 0.6	0.4	* 0.4	( <sup>1</sup> )	( <sup>1,5</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	616	* 432	( <sup>1</sup> )	( <sup>1</sup> )	0.11	* 0.11	64.78	* 46.88	
Texas.....	0.1	0.5	0.7	0.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	499	381	415	323	0.16	0.19	80.35	72.55	
<b>MOUNTAIN:</b>																	
Montana.....	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	50	200	( <sup>1</sup> )	( <sup>1</sup> )	0.37	0.30	18.33	60.00	
Idaho.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	0.3	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	750	( <sup>1</sup> )	200	0.59	0.20	( <sup>2</sup> )	150.00	
Wyoming.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	60	( <sup>1</sup> )	0.10	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
Colorado.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	333	243	236	127	0.21	0.12	69.86	25.83	
New Mexico.....	0.1	0.1	0.2	0.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	500	( <sup>2</sup> )	( <sup>1</sup> )	600	0.19	0.25	35.00	( <sup>2</sup> )	
Arizona.....	( <sup>1</sup> )	( <sup>1</sup> )	0.2	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.25	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
Utah.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	
Nevada.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	0.13	0.16	( <sup>2</sup> )	37.40	
<b>PACIFIC:</b>																	
Washington.....	( <sup>1</sup> )	0.1	( <sup>2</sup> )	0.2	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	236	282	866	0.24	0.17	( <sup>2</sup> )	54.93	
Oregon.....	( <sup>1</sup> )	0.2	( <sup>2</sup> )	0.2	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	331	277	403	0.11	0.19	119.75	161.19	
California.....	( <sup>1</sup> )	( <sup>1</sup> )	0.3	2.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,126	870	478	873	0.11	0.19	119.75	161.19	

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Less than 1 acre.

<sup>3</sup> Includes South Dakota.

<sup>4</sup> See North Dakota.

<sup>5</sup> Includes Indian Territory.

## COTTON AND COTTON SEED.

## COTTON.

The United States as a whole.—The statistics for cotton for the United States as a whole are given in Table 94.

	COTTON.			
	1909	1899	1889	1879
Number of farms reporting..	1,714,149	1,418,584		
Per cent of all farms.....	20.9	24.7		
Acreage.....	32,043,838	24,275,101	20,175,270	14,480,019
Increase over preceding census.....	7,768,737	4,090,831	5,095,251	
Per cent of increase.....	32.0	20.3	39.3	
Acres per farm reporting..	18.7	17.1		
Per cent that acreage in cotton formed of—				
Total improved acreage.....	6.7	5.0	5.6	5.1
Total reported crop acreage.....	10.3	8.6		
Production (bales).....	10,649,268	9,534,707	7,472,511	5,755,359
Increase over preceding census.....	1,114,561	2,002,196	1,717,152	2,743,363
Per cent of increase.....	11.7	27.6	29.8	91.1
Average yield per acre, bales.....	0.33	0.39	0.37	0.40
Value.....	\$703,019,303	\$323,758,171		
Increase over preceding census.....	\$370,861,132			
Per cent of increase.....	117.3			
Average per bale.....	\$66.07	\$33.96		
Average per acre.....	\$21.96	\$13.34		
Per cent that value of cotton formed of total value of all crops.....	12.8	10.8		

NOTE.—The production of cotton was 3,011,000 bales in 1869 and 5,387,052 bales in 1859.

The acreage of cotton in 1909 was 32,043,838, or 10.3 per cent of the total reported crop acreage, the only crops that exceeded cotton in acreage being corn, hay and forage, wheat, and oats. In 1899 the acreage of cotton was 24,275,101, the increase between 1899 and 1909 being 7,768,737, or 32 per cent. The production of cotton in 1909 was 10,649,000 bales, showing an increase of 11.7 per cent over the production of 1899, which was 9,535,000 bales. The yield per acre, however, was 0.33 bale in 1909 as compared with 0.39 bale ten years earlier. This decline in the yield per acre, however, was largely, if not wholly, due to unfavorable weather conditions, and the effect of the boll weevil in 1909. Some of the subsequent crops have been much larger in total quantity and per acre. The comparative diagram on this page shows approximately the number of bales produced in each state reporting cotton in both 1909 and 1899.

The value of the cotton crop in 1909 was \$703,619,000, or 12.8 per cent of the total value of all crops, corn and hay and forage being the only two crops that exceeded cotton in value. If to the value of cotton is added the estimated value of cotton seed, \$121,077,000 (see p. 684), the total value derived from the crop would amount to \$824,696,000, a total second only to the value of corn.

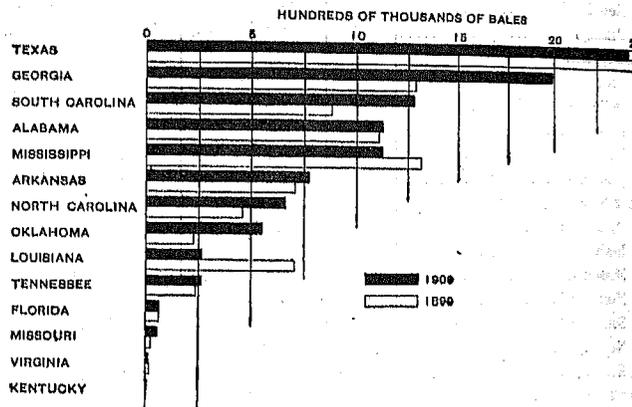
The value of the cotton crop in 1899 was \$323,758,000, the increase for the decade amounting to \$379,861,000, or 117.3 per cent. A large part of this increase was due to a rise in the price of cotton from an average per bale of \$33.96 in 1899 to that of \$66.07 in 1909, an increase of 94.6 per cent. The

average value of cotton per acre increased from \$13.34 in 1899 to \$21.96 in 1909, or 64.6 per cent. A proper measure of the value of cotton per acre, however, should include the value of the cotton seed which is derived from the same plant; by adding the estimated value of cotton seed to the value of cotton and dividing the total by the acreage, we obtain an average of \$25.74 in 1909, as compared with \$15.27 in 1899, showing an increase of 68.6 per cent.

The number of farms reporting cotton was 1,714,149 in 1909 and 1,418,584 in 1899, forming 26.9 per cent of all farms at the later date as compared with 24.7 per cent at the earlier.

The acreage of cotton has increased steadily since 1879, and was about two and one-fifth times as great in 1909 as 30 years earlier. The production figures, which go back to 1859, show a steady increase, except during the first decade, the 1869 crop being affected by the devastation of the Southern states during the Civil War.

PRODUCTION OF COTTON: 1909 AND 1899.



Divisions and states.—Tables 95 to 98, inclusive, give, by divisions and states, information similar to that which Table 94 gives for the United States as a whole.

The acreage of cotton is practically confined to the South, which in 1909 contained 99.7 per cent of the total, the only state that had a considerable acreage outside of that section being Missouri, with 96,527 acres of cotton in 1909. The leading state in cotton acreage was Texas, with 9,930,179 acres; followed by Georgia, with 4,883,304; Alabama, with 3,730,482; Mississippi, 3,400,210; South Carolina, 2,556,467; Arkansas, 2,153,222; Oklahoma, 1,976,935; and North Carolina, 1,274,404, these 8 states together containing considerably more than nine-tenths (93.3 per cent) of the total acreage for the country. The distribution of the cotton acreage is shown by the map on page 683.

The proportion that the acreage in cotton formed of the total improved acreage in each of the 8 leading states was as follows: Texas, 36.3 per cent; Georgia, 39.7; Alabama, 38.5; Mississippi, 37.7; South Carolina, 41.9; Arkansas, 26.7; Oklahoma, 11.3, and North Carolina, 14.5.

# INDIVIDUAL CROPS.

## COTTON—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 95 DIVISION OR STATE.	ACREAGE.				PRODUCTION (BALES).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per ct.			Amount.	Per ct.			Amount.	Per ct.
<b>United States.....</b>	<b>32,043,838</b>	<b>24,275,101</b>	<b>7,768,737</b>	<b>32.0</b>	<b>10,649,268</b>	<b>9,534,707</b>	<b>1,114,561</b>	<b>11.7</b>	<b>\$703,619,303</b>	<b>\$323,758,171</b>	<b>\$379,861,132</b>	<b>117.3</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
West North Central.....	96,563	45,749	50,814	111.1	54,508	25,646	28,862	112.5	3,393,040	851,478	2,541,562	298.5
South Atlantic.....	9,002,776	8,842,489	2,160,287	31.6	4,012,942	2,701,766	1,311,176	48.5	254,636,995	90,759,735	163,877,260	180.6
East South Central.....	7,926,019	6,725,588	1,200,431	17.8	2,524,714	2,656,599	-131,885	-5.0	175,543,582	92,590,366	82,953,216	89.6
West South Central.....	15,017,347	10,661,219	4,356,128	40.9	4,056,704	4,150,658	-93,954	-2.3	270,018,704	139,554,349	130,464,355	93.5
Mountain.....	809	56	753	( <sup>1</sup> )	217	38	179	( <sup>1</sup> )	15,238	2,243	12,995	579.4
Pacific.....	324		324		183		183		11,744		11,744	
<b>WEST NORTH CENTRAL:</b>												
Missouri.....	96,527	45,596	50,931	111.7	54,498	25,576	28,922	113.1	3,392,440	849,199	2,543,241	299.5
Kansas.....	36	153	-117	-76.5	10	70	-60	( <sup>1</sup> )	600	2,279	-1,679	-73.7
<b>SOUTH ATLANTIC:</b>												
Maryland.....			( <sup>2</sup> )		( <sup>2</sup> )							
Virginia.....	25,147	25,724	-577	-2.2	10,480	10,789	-309	-2.9	695,721	346,600	349,121	100.7
West Virginia.....			( <sup>2</sup> )		( <sup>2</sup> )							
North Carolina.....	1,274,404	1,007,020	267,384	26.6	665,132	459,707	205,425	44.7	42,066,090	15,699,952	26,366,147	168.0
South Carolina.....	2,556,467	2,074,081	482,386	23.3	1,279,866	881,422	398,444	45.2	80,327,945	29,590,152	50,747,793	171.5
Georgia.....	4,883,304	3,513,839	1,369,465	39.0	1,992,408	1,287,992	704,416	54.7	126,695,612	42,534,235	84,161,377	197.9
Florida.....	263,454	221,825	41,629	18.8	65,056	61,856	3,200	5.2	4,841,581	2,591,796	2,249,785	86.8
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	7,811	2,396	5,415	226.0	3,469	1,369	2,100	153.4	223,024	52,812	170,212	322.3
Tennessee.....	787,516	623,137	164,379	26.4	264,562	234,592	29,970	12.8	17,966,517	8,192,642	9,773,875	119.3
Alabama.....	3,730,482	3,202,135	528,347	16.5	1,129,527	1,106,840	22,687	2.0	74,205,236	37,004,598	37,200,638	100.5
Mississippi.....	3,400,210	2,897,920	502,290	17.3	1,127,166	1,313,798	-186,642	-14.2	83,148,805	47,340,314	35,808,491	78.6
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	2,153,222	1,641,855	511,367	31.1	776,879	709,880	66,999	9.4	54,559,503	24,671,445	29,888,058	121.1
Louisiana.....	957,011	1,376,254	-419,243	-30.5	268,909	709,041	-440,132	-62.1	17,324,804	23,523,143	-6,198,339	-26.3
Oklahoma.....	1,976,935	1,682,743	294,192	189.5	555,742	225,525	330,217	146.4	35,369,355	7,027,048	28,372,306	403.8
Texas.....	9,930,179	6,960,367	2,969,812	42.7	2,455,174	2,506,212	-51,038	-2.0	162,735,041	84,332,713	78,402,328	93.9
<b>MOUNTAIN:</b>												
New Mexico.....	790		790		206		206		14,508		14,508	
Arizona.....	19	20	-1	( <sup>1</sup> )	11	15	-4	( <sup>1</sup> )	780		814	-10.3
Utah.....		10	-10			5	-5			256	-256	
Nevada.....		26	-26			18	-18			1,179	-1,179	
<b>PACIFIC:</b>												
California.....	324		324		183		183		11,744		11,744	

<sup>1</sup> Per cent not shown where base is less than 100.

<sup>2</sup> Less than 1 bale.

<sup>3</sup> Includes Indian Territory.

## COTTON—FARMS REPORTING, ACREAGE, AND PRODUCTION, BY DIVISIONS AND STATES: 1879 TO 1909.

Table 96 DIVISION OR STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (BALES).			
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879
<b>United States.....</b>	<b>1,714,149</b>	<b>1,418,584</b>	<b>32,043,838</b>	<b>24,275,101</b>	<b>20,175,270</b>	<b>14,480,019*</b>	<b>10,649,268</b>	<b>9,534,707</b>	<b>7,472,511</b>	<b>5,755,359</b>
<b>GEOGRAPHIC DIVISIONS:</b>										
West North Central.....	7,290	4,705	96,563	45,749	57,991	32,116	54,508	25,646	16,068	20,318
South Atlantic.....	556,508	448,171	9,002,776	6,842,489	6,746,292	5,165,175	4,012,942	2,701,766	2,338,600	1,891,179
East South Central.....	522,735	432,982	7,926,019	6,725,588	6,394,543	5,161,530	2,524,714	2,656,599	2,261,387	1,994,753
West South Central.....	627,528	532,700	15,017,347	10,661,219	6,976,444	4,121,198	4,056,704	4,150,658	2,856,456	1,939,109
Mountain.....	61	26	809	56			217	38		
Pacific.....	18		324				183			
<b>WEST NORTH CENTRAL:</b>										
Missouri.....	7,296	4,691	99,527	45,596	57,260	32,116	54,498	25,576	15,556	20,318
Kansas.....	3	14	36	153	731		10	70	212	
<b>SOUTH ATLANTIC:</b>										
Maryland.....	2		( <sup>1</sup> )				( <sup>1</sup> )			
Virginia.....	5,283	4,761	25,147	25,724	39,213	45,040	10,480	10,789	5,375	19,595
West Virginia.....	2		( <sup>1</sup> )				( <sup>1</sup> )			
North Carolina.....	129,704	105,766	1,274,404	1,007,020	1,147,136	893,153	665,132	459,707	336,261	369,596
South Carolina.....	158,167	134,741	2,556,467	2,074,081	1,987,469	1,364,249	1,279,866	881,422	747,190	522,548
Georgia.....	242,673	183,907	4,883,304	3,513,839	3,345,104	2,617,138	1,992,408	1,287,992	1,191,846	814,441
Florida.....	20,677	18,996	263,454	221,825	227,370	245,595	65,056	61,856	57,928	54,997
<b>EAST SOUTH CENTRAL:</b>										
Kentucky.....	504	190	7,811	2,396	2,629	2,667	3,469	1,369	873	1,367
Tennessee.....	667,663	53,405	787,516	623,137	747,471	722,562	264,562	234,592	190,579	330,621
Alabama.....	224,871	192,388	3,730,482	3,202,135	2,761,165	2,330,086	1,129,527	1,106,840	915,210	699,654
Mississippi.....	229,697	186,999	3,400,210	2,897,920	2,883,278	2,106,215	1,127,166	1,313,798	1,154,725	963,111
<b>WEST SOUTH CENTRAL:</b>										
Arkansas.....	143,311	118,697	2,153,222	1,641,855	1,700,378	1,042,976	776,879	709,880	691,494	608,256
Louisiana.....	74,373	85,328	957,011	1,376,254	1,270,154	864,787	268,909	709,041	659,180	598,599
Oklahoma.....	88,140	141,633	1,976,935	1,682,743	171,187	135,000	555,742	225,525	134,540	17,000
Texas.....	316,704	284,037	9,930,179	6,960,367	3,934,525	2,178,435	2,455,174	2,506,212	1,471,242	895,284
<b>MOUNTAIN:</b>										
New Mexico.....	59		790				206			
Arizona.....	2	8	19	20			11	15		
Utah.....		4		10				5		
Nevada.....		14		26				18		
<b>PACIFIC:</b>										
California.....	18		324				183			

<sup>1</sup> Less than 1 acre.

<sup>2</sup> Less than 1 bale.

<sup>3</sup> Includes Indian Territory.

<sup>4</sup> Reported by special agents. Includes Indian Territory.

COTTON—PER CENT DISTRIBUTION OF ACREAGE WITH RANK, 1879 TO 1909, AND PER CENT DISTRIBUTION OF PRODUCTION WITH RANK, 1859 TO 1909, BY DIVISIONS AND STATES.

Table 97 DIVISION OR STATE.	PER CENT DISTRIBUTION OF ACREAGE.				RANK IN ACREAGE.				PER CENT DISTRIBUTION OF PRODUCTION.						RANK IN PRODUCTION.					
	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899	1889	1879	1869	1859	1909	1899	1889	1879	1869	1859
	United States.....	100.0	100.0	100.0	100.0					100.0	100.0	100.0	100.0	100.0	100.0					
GEOGRAPHIC DIVISIONS:																				
West North Central.....	0.3	0.2	0.3	0.2	4	4	4	4	0.5	0.3	0.2	0.4	0.1	0.8	4	4	4	4	4	4
South Atlantic.....	28.1	28.2	33.4	35.7	2	2	2	1	37.7	28.3	31.3	31.3	29.3	23.7	2	2	2	3	3	3
East South Central.....	24.7	27.7	31.7	35.6	3	3	3	2	23.7	27.9	30.3	34.7	39.1	40.2	3	3	3	1	1	1
West South Central.....	46.9	43.9	34.6	28.5	1	1	1	3	38.1	43.5	38.2	33.7	31.5	29.3	1	1	1	2	2	2
Mountain.....	(3)	(3)			5	5			(3)	(3)			(3)	(3)	5	5		5	5	5
Pacific.....	(3)				6				(3)						6					
WEST NORTH CENTRAL:																				
Missouri.....	0.3	0.2	0.3	0.2	12	12	12	13	0.5	0.3	0.2	0.4	0.1	0.8	12	12	12	11	11	11
Kansas.....	(3)	(3)	(3)		17	15	15		(3)	(3)	(3)		(3)	(3)	18	15	15		11	11
SOUTH ATLANTIC:																				
Virginia.....	0.1	0.1	0.2	0.3	13	13	13	11	0.1	0.1	0.1	0.3	(3)	0.2	13	13	13	12	13	12
North Carolina.....	4.0	4.1	5.7	6.2	8	8	8	7	6.2	4.8	4.5	6.8	4.8	2.7	7	8	8	8	8	9
South Carolina.....	8.0	8.5	9.9	9.4	5	5	5	5	12.0	0.2	10.0	9.1	7.5	6.0	3	5	5	6	7	7
Georgia.....	15.2	14.5	10.6	18.1	2	2	2	1	18.7	13.5	15.9	14.1	15.7	13.0	2	3	2	2	2	4
Florida.....	0.8	0.9	1.1	1.7	11	11	10	10	0.6	0.7	0.8	1.0	1.3	1.2	11	11	10	10	10	10
EAST SOUTH CENTRAL:																				
Kentucky.....	(3)	(3)	(3)	(3)	14	14	14	14	(3)	(3)	(3)	(3)	(3)	(3)	14	14	14	14	14	12
Tennessee.....	2.5	2.6	3.7	5.0	10	10	9	9	2.5	2.5	2.5	5.7	6.0	5.5	10	9	9	9	8	8
Alabama.....	11.6	13.2	13.7	16.1	3	3	4	2	10.6	11.6	12.2	12.2	14.3	18.4	4	4	4	4	3	2
Mississippi.....	10.6	11.9	14.3	14.0	4	4	3	4	10.6	13.8	15.5	10.7	18.8	22.3	5	2	3	1	1	1
WEST SOUTH CENTRAL:																				
Arkansas.....	6.7	6.8	8.4	7.2	6	6	6	6	7.3	7.5	9.3	10.6	8.2	6.8	6	6	6	5	6	6
Louisiana.....	3.0	5.7	6.3	6.0	9	7	7	8	2.5	7.4	8.8	8.8	11.7	14.5	9	7	7	7	4	3
Oklahoma.....	6.2	4.8	0.3	0.2	7	9	11	12	5.2	4.3	4.6	4.3	4.6	4.3	8	10	11	13	7	4
Texas.....	31.0	28.7	10.5	15.0	1	1	1	3	23.1	26.3	19.7	14.0	11.6	8.0	1	1	1	3	5	5
MOUNTAIN:																				
New Mexico.....	(3)				15				(3)						15					
Arizona.....	(3)				18	17			(3)	(3)					17					
Utah.....		(3)			18				(3)	(3)			(3)	(3)	18					15
Nevada.....		(3)			10				(3)	(3)					16					14
PACIFIC:																				
California.....	(3)				10				(3)						16					

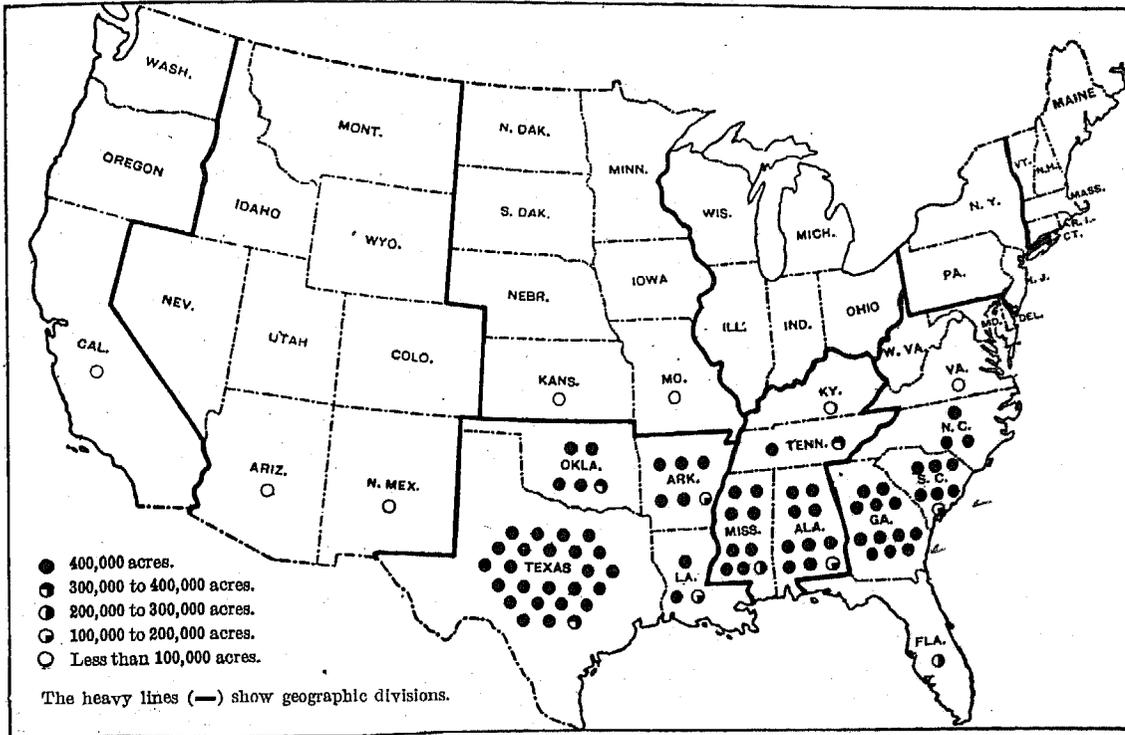
1 In addition to states named in 1870, Illinois produced 465 bales, California 34 bales, Indiana 3 bales, West Virginia 2 bales.  
 2 In 1860 Illinois produced 1,482 bales, New Mexico 19 bales.  
 3 Less than one-tenth of 1 per cent.  
 4 Includes Indian Territory.

COTTON—PER CENT OF FARMS REPORTING, AVERAGE ACRES PER FARM REPORTING, AND AVERAGE VALUE PER BALE AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

Table 98 DIVISION OR STATE.	FARMS REPORTING COTTON.				PER CENT OF ALL IMPROVED LAND OCCUPIED.				AVERAGE YIELD PER ACRE (BALES).				AVERAGE VALUE PER BALE.		AVERAGE VALUE PER ACRE.		
	Per cent of all farms.		Average acres per farm.		1909		1899		1909		1899		1909	1899	1909	1899	
	1909	1899	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879	\$00.07	\$33.96	\$21.96	\$13.34	
United States.....	26.0	24.7	18.7	17.1	0.7	5.9	5.8	5.1	0.33	0.39	0.37	0.40	\$60.07	\$33.96	\$21.96	\$13.34	
GEOGRAPHIC DIVISIONS:																	
West North Central.....	0.7	0.4	13.2	0.7	0.1	(1)	0.1	0.1	0.56	0.56	0.28	0.63	62.25	33.20	35.14	15.61	
South Atlantic.....	50.1	46.6	16.2	15.3	18.6	14.8	10.2	14.3	0.45	0.39	0.35	0.35	63.45	33.59	28.28	13.26	
East South Central.....	50.1	47.9	15.2	15.5	18.0	16.7	17.0	16.7	0.32	0.39	0.35	0.39	69.53	34.85	22.15	13.77	
West South Central.....	66.5	70.6	23.9	20.0	25.8	20.8	22.8	21.7	0.27	0.39	0.41	0.47	66.50	33.62	17.98	13.09	
Mountain.....	(1)	(1)	13.3	2.2	(1)	(1)			0.27	0.68			70.22	59.03	18.84	40.65	
Pacific.....	(1)		18.0		(1)				0.50				64.17		36.25		
WEST NORTH CENTRAL:																	
Missouri.....	2.6	1.0	13.2	0.7	0.4	0.2	0.3	0.2	0.50	0.56	0.28	0.63	62.25	33.20	35.14	15.61	
Kansas.....	(1)	(1)	12.0	10.0	(1)	(1)	(1)		0.28	0.46	0.29		60.00	32.66	16.67	16.50	
SOUTH ATLANTIC:																	
Maryland.....	(1)				(1)				(2)				(3)		(3)		
Virginia.....	2.0	2.8	4.8	5.4	0.3	0.3	0.4	0.5	0.42	0.42	0.14	0.44	66.30	32.13	27.67	14.93	
West Virginia.....	(1)				(1)				(2)				(3)		(3)		
North Carolina.....	51.1	47.1	9.8	9.5	14.5	12.1	14.7	13.8	0.52	0.46	0.29	0.44	69.24	34.15	33.01	17.86	
South Carolina.....	89.6	86.7	16.2	15.4	41.9	35.9	37.8	33.0	0.59	0.42	0.38	0.38	62.77	33.67	31.43	16.66	
Georgia.....	83.4	81.8	20.1	19.1	39.7	33.1	34.9	31.9	0.41	0.37	0.30	0.31	63.59	33.02	25.94	13.94	
Florida.....	41.3	46.5	12.7	11.7	14.6	14.7	19.8	25.9	0.25	0.28	0.25	0.22	74.42	41.90	18.38	13.05	
EAST SOUTH CENTRAL:																	
Kentucky.....	0.2	0.1	15.5	12.6	0.1	(1)	(1)	(1)	0.44	0.57	0.33	0.51	64.20	38.58	28.55	24.52	
Tennessee.....	27.5	23.8	11.6	11.7	7.2	6.1	8.0	8.5	0.34	0.38	0.25	0.46	67.91	34.02	22.81	14.71	
Alabama.....	85.5	86.2	16.6	16.0	38.5	37.0	35.0	26.5	0.30	0.35	0.33	0.30	65.70	33.43	19.89	13.14	
Mississippi.....	83.7	84.7	14.8	15.5	37.7	38.2	42.1	40.4	0.33	0.45	0.40	0.46	73.77	36.03	24.45	18.65	
WEST SOUTH CENTRAL:																	
Arkansas.....	60.1	66.4	14.5	13.8	26.7	23.6	31.1	29.0	0.36	0.43	0.41	0.58	70.23	34.75	25.34	17.09	
Louisiana.....	61.7	76.2	12.9	15.6	18.1	29.5	33.0	31.6	0.28	0.52	0.52	0.59	64.43	33.18	18.10	19.62	
Oklahoma.....	46.3	38.6	22.4	16.4	11.3	8.0	12.6	(5)	0.28	0.33	0.49	0.49	63.70	31.16	17.91	10.29	
Texas.....	75.8	80.6	31.4	24.5	36.3	35.6	19.0	17.2	0.25	0.36	0.37	0.37	66.28	33.65	16.39	13.90	
MOUNTAIN:																	
New Mexico.....	0.2		13.4		0.1				0.20				70.43		18.36		
Arizona.....	(1)	0.1	9.5	2.5	(1)	(1)			0.53	0.75			66.36	54.27	38.42	40.70	
Utah.....		(1)		2.5	(1)	(1)				0.50				59.00		26.20	47.27
Nevada.....		0.1		1.9	(1)					0.09				65.50			
PACIFIC:																	
California.....	(1)		18.0		(1)				0.50				64.17		36.25		

1 Less than one-tenth of 1 per cent.  
 2 Less than 1 bale.  
 3 Less than 1 acre.  
 4 Includes Indian Territory.  
 5 Census of 1880 gave no improved acreage, owing to unsatisfactory reports.

COTTON—ACREAGE, BY STATES: 1909.



Each of the 8 leading cotton growing states showed a considerable increase in acreage between 1899 and 1909, the absolute increases being greatest in Texas, 2,969,812 acres, and Georgia, 1,369,465 acres; the relative increase was greatest in Oklahoma, 189.5 per cent.

Of the 8 leading states, North Carolina and South Carolina had in 1909 the highest average yield of cotton per acre, 0.52 bale and 0.50 bale, respectively, while Texas and Oklahoma had the lowest, 0.25 and 0.28 bale, respectively, the low yields in the latter states being no doubt due in part to the drought that occurred in those states in 1909. The proportion of the total production of cotton in the Southwestern states was thus considerably lower than that of the acreage.

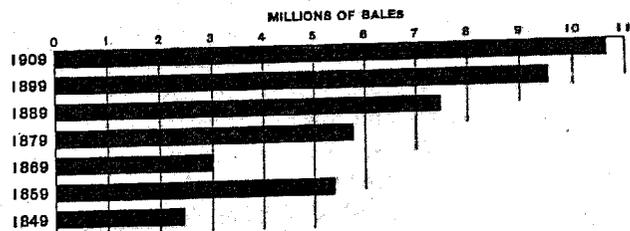
While the production of cotton was much greater in 1909 than in 1899 in North and South Carolina and in Georgia, the increases in Alabama and Arkansas were comparatively small, that in Oklahoma, while relatively large, was very much smaller than the increase in acreage, and Texas and Mississippi showed less cotton production in 1909 than in 1899. Both these states have been affected more or less in recent years by the boll weevil, but since 1909 its effects in Texas have been largely overcome and much larger crops have been raised.

The average value of cotton per bale varied comparatively little from state to state and the value of the crop was distributed in about the same proportions as the production. The value in Texas amounted to \$162,735,000; in Georgia to \$126,696,000; in Mississippi to \$83,149,000; in South Carolina to \$80,338,000;

in Alabama to \$74,205,000; and in Arkansas to \$54,560,000; no other state producing a cotton crop worth as much as \$50,000,000. The value of the cotton crop increased decidedly between 1899 and 1909 in every Southern state, except Louisiana, which, by reason of the ravages of the boll weevil, showed serious losses in cotton acreage and in production as well.

A comparison of the distribution of the cotton acreage in 1909 with that in 1879 shows that every state in the South except Texas and Oklahoma lost in its relative importance in cotton acreage during the 30 years, while the production in Texas more than doubled during the period, and that of Oklahoma rose from 0.2 per cent to 6.2 per cent.

PRODUCTION OF COTTON: 1849 TO 1909.



The production of cotton, by millions of bales, in the United States as a whole, by decades, 1849 to 1909, is shown in the diagram above.

The data for cotton production, by states, go back 20 years further than those for acreage and show more markedly the decline in relative importance in cotton growing of Mississippi, Alabama, and Louisiana, which

were the three leading states in 1859 and produced more than one-half of the cotton crop of that year, but had dropped to fifth, fourth, and ninth place, respectively, in 1909, and produced less than one-fourth of the crop for that year. The decrease in Louisiana between 1859 and 1909 was not only relative but absolute, but the absolute decrease was confined to the last decade of the period. While cotton growing in Alabama and Mississippi increased during the 50 years, the development was less rapid than in Texas and Georgia.

#### COTTON SEED.

The agricultural schedules of 1910 and 1900 did not call for the quantity of cotton seed produced or the value, but the schedule of 1910 called for the quantity and value of the cotton seed sold during 1909. It was believed that, for various reasons, it would be impossible for many farmers to report accurately the total quantity of cotton seed produced. Inasmuch, however, as the sales of cotton seed were probably not so fully reported as the production of cotton, and in any case are much less than the total production, it seemed desirable to make a rough estimate of the total quantity and value of cotton seed produced. It has been the usual custom among farmers and in the cotton trade to assume that in the case of upland cotton, which constitutes the great bulk of the crop, about one-third of the weight of the seed cotton is lint and two-thirds seed. Although during recent years the ratios have probably been nearer 35 per cent lint and 65 per cent seed, the bureau has made its estimates of the production of cotton seed on the more customary basis. It has further assumed for convenience that a bale of cotton as reported by the farmer contained 500 pounds of lint cotton, which is probably a slight exaggeration, inasmuch as no allowance is made for bagging and ties. The production of cotton seed for 1909 and

1899 has thus been estimated by the simple method of allowing 1,000 pounds of seed for each bale of cotton. The value of cotton seed has been estimated for 1899 by multiplying the estimated total quantity produced by the average price reported by the cottonseed oil mills as paid for the seed purchased during that year; and for 1909 by multiplying the estimated quantity produced by the average value per ton reported by farmers for the seed sold by them, the assumption being that the average value of the entire crop is the same as the average value of the part that was sold. Table 99 shows the estimated quantity and value of the cotton seed produced in 1909 and 1899 for the country as a whole and for the several divisions.

DIVISION.	COTTON SEED.				
	Estimated production (tons).		Estimated value.		
	1909	1899	1909	1899	Per cent of increase.
United States.....	5,324,834	4,707,353	\$121,076,984	\$46,950,575	157.9
West North Central.....	27,254	12,823	585,969	55,304	950.5
South Atlantic.....	2,000,471	1,350,883	48,408,180	14,049,561	245.0
East South Central.....	1,202,357	1,328,200	28,747,084	12,737,092	125.7
West South Central.....	2,028,352	2,075,329	43,273,088	20,108,566	115.2
Mountain.....	109	19	1,625	62	( <sup>1</sup> )
Pacific.....	91	.....	1,032	.....	.....

<sup>1</sup> Per cent not shown where base is less than 100.

The estimated quantity of cotton seed produced in 1899 was 4,767,000 tons and in 1909, 5,325,000 tons. The estimated value of the cotton seed in 1899 was \$46,951,000 and in 1909, \$121,077,000, an increase of 157.9 per cent, as compared with an increase of 117.3 per cent in the value of lint cotton produced.

The total quantity of cotton seed reported by farmers as sold during 1909 was 2,075,000 tons and its value \$47,350,000.

#### 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), 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 manufactures census, and this report relates only to the production of the beets. Most of the sugar cane also is crushed in mills covered by the manufactures census. Some, however, is crushed in mills on farms and plantations, the operations of which can not be separated from the agricultural operations, so that the products are included in the present report; these mills, however, make practically no sugar, their chief product being sirup. A part of the sorghum cane produced is used for fodder, but there are numerous small mills which crush it for the purpose of producing sirup. Almost all of these mills are on farms and the quantity

and value of their product in such cases is covered by the census of agriculture. Maple sugar and maple sirup are almost wholly made on farms.

#### SUGAR CANE.

Tables 100 and 101 show the statistics for sugar cane for the United States and for each of the 12 states where sugar cane was found. The value of the product is given for 1899, although reports of many large sugar and molasses mills on plantations were then included in the agricultural census, while in 1909 most such mills were covered by the manufactures census. A much larger proportion of the value for the earlier year, therefore, consisted of the value of the manufactured products, sugar and molasses, and this should be considered in comparing the totals for the two years.

The total acreage of sugar cane in 1909 was 476,849, showing an increase of 89,863, or 23.2 per cent, since

# INDIVIDUAL CROPS.

1899. More than two-thirds of the acreage in 1909 was in Louisiana, which had 329,684 acres in sugar cane, and more than one-fourth in the states of Georgia, with 37,046 acres; Texas, with 34,315; Alabama, with 27,211; Mississippi, with 24,861; and Florida, with 12,928. The total production of sugar cane in 1909 amounted

to 6,240,000 tons, showing an increase of 48.5 per cent since 1899. The production was even more concentrated in Louisiana than the acreage, because the average yield per acre in that state was 15 tons, as compared with 11 in Florida, 9 each in Mississippi and Texas, 8.6 in Georgia, and 8.3 in Alabama.

SUGAR CANE—ACREAGE, PRODUCTION, AND VALUE OF SUGAR CANE PRODUCED, BY STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

STATE.	ACREAGE.				PRODUCTION (TONS).				VALUE. <sup>1</sup>			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States</b> .....	<b>476,849</b>	<b>386,986</b>	<b>89,863</b>	<b>23.2</b>	<b>6,240,260</b>	<b>4,202,202</b>	<b>2,038,058</b>	<b>48.5</b>	<b>\$26,415,952</b>	<b>\$20,541,636</b>	<b>\$5,874,316</b>	<b>28.6</b>
Alabama.....	27,211	32,871	-5,660	-17.2	226,634	267,857	-41,223	-15.4	1,527,166	1,469,000	58,166	4.0
Arizona.....	16	50	-34	(2)	55	240	-185	-77.1	719	1,348	-629	-46.7
Arkansas.....	3,330	480	2,870	823.9	19,868	4,097	15,771	384.9	152,298	25,285	127,013	502.3
Florida.....	12,928	13,800	-872	-6.3	142,517	140,729	1,788	1.3	1,089,698	723,176	366,522	50.7
Georgia.....	37,046	26,056	10,990	42.2	317,460	284,410	33,050	11.6	2,268,110	1,480,704	787,406	53.2
Louisiana.....	329,684	276,986	52,718	18.0	4,941,996	3,137,338	1,804,658	57.5	17,752,637	14,627,282	3,125,355	21.4
Mississippi.....	24,861	11,552	13,309	115.2	222,600	122,384	100,216	81.9	1,506,887	804,870	702,017	87.2
New Mexico.....	111	5	106	(2)	287	211	56	26.5	3,467	705	2,762	391.8
North Carolina.....	294	25	269	(2)	1,494	199	1,295	650.8	10,697	1,412	9,285	657.6
Oklahoma.....	7,053	335	-35	(2)	2	2	-548	-99.6	56	1,320	-1,264	95.9
South Carolina.....	7,053	7,342	-289	-3.9	59,865	73,702	-13,837	-18.8	434,634	429,425	5,209	1.2
Texas.....	34,315	17,824	16,491	92.5	307,502	170,485	137,017	80.4	1,669,683	977,053	692,630	70.9

<sup>1</sup> Includes receipts from sale of cane when sold and value of sugar, sirup, and molasses when cane was crushed on farm.  
<sup>2</sup> Per cent not shown where base is less than 100.  
<sup>3</sup> Includes Indian Territory.

The total value of sugar cane in 1909, including that of sugar, sirup, and molasses manufactured on the farms, was \$26,416,000; of this total, \$17,753,000 was reported from Louisiana, \$2,268,000 from Georgia, while Texas, Alabama, Mississippi, and Florida reported values of over \$1,000,000.

The average value per ton of cane, including the cane sold as such, and the sugar, molasses, and sirup made on farms, was lowest in the principal sugar cane

raising state, Louisiana, where it was \$3.59; while in Texas it was \$5.43; in Alabama, \$6.74; in Mississippi, \$6.77; in Georgia, \$7.14; and in Florida, \$7.65.

During the 30 years, 1879-1909, the acreage of sugar cane more than doubled, increasing from 227,776 to 476,849, and it increased materially in every state included in the table. The one state that reported no sugar cane in 1879, but did report a considerable amount in 1909, was Arkansas.

SUGAR CANE—FARMS REPORTING, 1909 AND 1899, ACREAGE, 1879 TO 1909, AND AVERAGE ACRES PER FARM, AVERAGE YIELD PER ACRE, AND AVERAGE VALUE PER TON AND PER ACRE, 1909 AND 1899, BY STATES.

STATE.	FARMS REPORTING.				ACREAGE.				AVERAGE ACRES PER FARM.		AVERAGE YIELD PER ACRE (TONS).		AVERAGE VALUE.			
	Number.		Per cent of all farms.		1909	1899	1889	1879	1909	1899	1909	1899	Per ton.		Per acre.	
	1909	1899	1909	1899									1909	1899	1909	1899
<b>United States</b> .....	<b>278,233</b>	<b>181,382</b>	<b>4.4</b>	<b>3.2</b>	<b>476,849</b>	<b>386,986</b>	<b>274,975</b>	<b>227,776</b>	<b>1.7</b>	<b>2.1</b>	<b>13.1</b>	<b>10.9</b>	<b>\$4.23</b>	<b>\$4.89</b>	<b>\$55.40</b>	<b>\$53.08</b>
Alabama.....	61,226	44,639	23.3	20.0	27,211	32,871	19,415	6,627	0.4	0.7	8.3	8.1	6.74	5.48	56.12	44.69
Arizona.....	8	7	0.1	0.1	16	50	.....	.....	2.0	7.1	3.4	4.8	13.07	5.62	44.94	26.96
Arkansas.....	5,286	458	2.5	0.3	3,330	460	.....	.....	0.6	1.0	6.0	8.9	7.87	6.17	45.74	54.97
Florida.....	19,663	17,314	39.3	42.4	12,928	13,800	9,345	7,938	0.7	0.8	11.0	10.2	7.65	5.14	84.29	52.40
Georgia.....	64,468	46,335	22.1	20.6	37,046	26,056	20,238	15,053	0.6	0.6	8.8	10.9	7.14	5.21	61.22	56.83
Louisiana.....	34,487	11,774	28.6	10.2	329,684	276,986	193,694	181,592	9.6	23.5	15.0	11.3	3.59	4.66	53.85	52.81
Mississippi.....	52,860	26,300	19.3	11.9	24,861	11,552	12,694	4,555	0.8	0.4	9.0	10.6	6.77	6.53	60.61	69.67
New Mexico.....	73	3	0.2	(1)	111	5	.....	.....	1.5	1.7	2.4	42.2	12.99	3.34	31.23	141.00
North Carolina.....	596	57	0.2	(1)	294	25	.....	.....	0.5	0.4	5.1	8.0	7.16	7.10	36.38	55.48
Oklahoma.....	1	25	(1)	(1)	.....	335	.....	.....	.....	.....	.....	.....	28.00	2.50	.....	39.31
South Carolina.....	19,867	18,776	11.3	12.1	7,053	7,342	3,305	1,787	0.4	0.4	8.5	10.0	7.26	5.83	61.62	58.49
Texas.....	19,718	15,694	4.7	4.5	34,315	17,824	16,284	10,224	1.7	1.1	9.0	9.6	5.43	5.73	48.66	54.52

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Includes Indian Territory.

Tables 102 to 105, inclusive, give statistics, by states, for sugar cane sold and for sugar, sirup, and molasses made on farms and plantations. As explained before, the difference in the number of sugar and molasses mills on plantations included in the censuses of 1899

and 1909, should be considered in comparing figures for value.

The average value per ton of the cane sold in 1909 was \$3.61; the corresponding average in 1899 was \$3.45. If all of the cane had the same value per ton at

each census as the part that was sold, the total value of the cane grown in 1909 would be \$22,527,000, and in 1899, \$14,498,000, showing an increase of 55.4 per cent during the decade.

of 1909 produced 125,647 pounds of sugar, valued at \$6,190; 21,634,000 gallons of sirup, valued at \$9,642,000; and 4,153 gallons of molasses, valued at \$1,710; the total value of these products being \$9,650,000.

**Table 102**

STATE.	CANE SOLD: 1909					
	Farms reporting.		Quantity (tons).		Amount received.	
	Number.	Per cent of all farms.	Total.	Average per farm.	Total.	Average per ton.
United States.....	10,499	0.2	4,638,677	441.82	\$16,765,740	\$3.61
Alabama.....	360	0.1	3,298	9.16	7,413	2.25
Arkansas.....	57	( <sup>1</sup> )	109	1.91	1,103	10.12
Florida.....	856	1.7	2,077	3.48	35,234	11.84
Georgia.....	612	0.2	1,888	3.08	19,892	10.54
Louisiana.....	7,821	6.5	4,401,221	570.42	10,126,780	3.61
Mississippi.....	467	0.2	1,258	2.60	11,737	9.33
North Carolina.....	6	( <sup>1</sup> )	11	1.83	103	0.36
South Carolina.....	60	( <sup>1</sup> )	84	1.40	817	0.73
Texas.....	260	0.1	107,831	645.50	562,661	3.35

<sup>1</sup> Less than one-tenth of 1 per cent.

The farm and plantation mills covered by the census

**Table 103**

STATE.	SUGAR MADE ON FARMS AND PLANTATIONS: 1909		
	Farms reporting.	Quantity (pounds).	Value.
United States.....	548	125,647	\$6,190
Alabama.....	4	3,351	165
Florida.....	227	47,661	2,529
Georgia.....	126	22,302	1,171
Louisiana.....	123	38,143	1,587
Mississippi.....	20	1,065	84
South Carolina.....	41	5,525	345
Texas.....	7	6,910	289

The production of sirup increased from 12,293,000 gallons in 1899 to 21,634,000 in 1909, and the value from \$4,293,000 to \$9,642,000, the average value per gallon thus rising from 35 cents to 45 cents during the decade.

**Table 104**

STATE.	SIRUP MADE ON FARMS AND PLANTATIONS.									
	Farms reporting.				Quantity (gallons).		Value.			
	Number.		Per cent of all farms.		Total.		Total.		Average per gallon.	
	1909	1899	1909	1899	1909	1899	1909	1899	1909	1899
United States.....	268,454	160,847	4.2	2.8	21,633,579	12,293,032	\$9,642,312	\$4,293,475	\$0.45	\$0.35
Alabama.....	60,936	43,082	23.2	19.7	3,078,531	2,072,438	1,519,583	1,003,211	0.49	0.38
Arizona.....	8	2	0.1	( <sup>1</sup> )	1,040	438	719	228	0.69	0.22
Arkansas.....	5,248	455	2.4	0.3	283,637	44,810	151,111	18,791	0.53	0.42
Florida.....	10,413	10,038	38.8	39.3	2,533,096	1,087,452	1,051,403	512,038	0.42	0.30
Georgia.....	64,202	41,093	22.1	18.3	5,533,520	3,220,307	2,246,009	1,033,922	0.41	0.23
Louisiana.....	20,534	5,332	22.0	4.6	4,125,083	1,552,641	1,023,616	428,084	0.39	0.26
Mississippi.....	52,503	24,018	19.2	11.3	2,020,519	1,413,219	1,494,696	618,975	0.51	0.44
New Mexico.....	72	.....	0.2	.....	5,088	.....	3,467	.....	0.68	.....
North Carolina.....	593	55	0.2	( <sup>1</sup> )	21,077	1,957	10,594	1,008	0.49	0.59
Oklahoma.....	1	.....	( <sup>1</sup> )	.....	50	.....	50	.....	1.00	.....
South Carolina.....	19,830	17,360	11.2	11.2	881,558	805,064	433,365	310,799	0.48	0.39
Texas.....	19,054	11,612	4.6	3.3	2,240,774	888,037	1,100,733	365,819	0.49	0.41

<sup>1</sup> Less than one-tenth of 1 per cent.

**Table 105**

STATE.	CANE MOLASSES MADE ON FARMS AND PLANTATIONS: 1909	
	Quantity (gallons).	Value.
United States.....	4,153	\$1,710
Alabama.....	50	5
Arkansas.....	130	84
Florida.....	1,339	402
Georgia.....	319	78
Louisiana.....	1,325	604
Mississippi.....	740	370
South Carolina.....	250	107

**SORGHUM CANE.**

Table 106 gives the statistics for sorghum cane for the United States as a whole.

The acreage of sorghum cane in 1909 was 444,089, showing an increase of 51.5 per cent over that in 1899; the acreage in 1889, however, was nearly as great as that in 1909, 415,691. The production of sorghum cane in 1909 was 1,647,000 tons, as compared with

1,910,000 in 1899, the decrease for the decade, which amounted to 13.8 per cent, being due to a decline in average yield per acre from 6.52 tons in 1899 to 3.71 in 1909, owing to bad weather conditions in the principal sorghum cane raising states in 1909. The total value in 1909 of sorghum cane products (including cane sold, cane used as coarse forage, and sirup) was \$10,174,000, showing an increase of \$4,071,000, or 66.7 per cent, as compared with 1899. The value per ton nearly doubled during the decade, increasing from \$3.20 to \$6.18, while the value per acre increased but little, owing to the poor crop in 1909. Of the total value of the sorghum cane products in 1909, \$2,194,000 was the value of cane used as coarse forage, \$7,963,000 that of sirup made on farms, and \$17,225 that of cane sold as such. The production of sirup was 28,444,000 gallons in 1879, 24,235,000 gallons in 1889, 16,973,000 gallons in 1899, and 16,532,000 gallons in 1909, showing a steady decline during the 30 years.

Table 106

	SORGHUM CANE.			
	1909	1899	Increase. <sup>1</sup>	
			Number.	Per cent.
Number of farms reporting.....	445,684	446,621	-937	-0.2
Per cent of all farms.....	7.0	7.8		
Acreage <sup>2</sup> .....	444,089	293,152	150,937	51.5
Average per farm reporting.....	1.0	0.7		
Production (tons).....	1,647,262	1,010,046	-262,784	-13.8
Average yield per acre.....	3.71	6.52	2.81	
Sold as such.....	7,702			
Used for coarse forage.....	270,775			
Used for making sirup.....	1,376,487			
Value <sup>3</sup> .....	\$10,174,457	\$6,103,102	\$4,071,355	66.7
Average per ton.....	\$6.18	\$3.20	\$2.98	
Average per acre.....	\$22.91	\$20.82	\$2.09	
Cane sold as coarse forage.....	\$2,193,733			
Sirup.....	\$7,980,409			
Cane sold as such.....	\$17,225			

<sup>1</sup> A minus sign (-) denotes decrease.  
<sup>2</sup> The acreage of sorghum cane in 1899 was 415,691.  
<sup>3</sup> Includes value of sorghum cane sold as coarse forage, of sirup made on farms, and of cane sold as such.

Tables 107 to 110, inclusive, give, by divisions and states, information similar to that given in Table 106 for the United States as a whole. Table 110 gives the acreage, production, and value of sirup, with increases or decreases for 1909 and 1899.

The acreage of sorghum cane in 1909 was quite widely distributed through the country, but the South contained nearly three-fourths of it, and the North contained most of the remainder, the acreage in the West being small. The leading states in acreage in 1909 were Kentucky, with 62,327 acres; Texas, with 55,027; and Tennessee, with 52,907. All of the Southern states, except Delaware, showed increases in the acreage of sorghum cane between 1899 and 1909, the acreage in Kentucky being nearly three times and that in Texas more than twice as great in 1909 as 10 years earlier. Of the Northern states, Missouri, Illinois, and Indiana showed increases, while most of the other states showed decreases. Between 1889 and 1899 the acreage of sorghum cane declined markedly in the West North Central division, principally in Kansas, and the total for the country was much smaller in 1899 than ten years earlier; during the following decade sorghum cane growing increased decidedly in the two South Central divisions, and the total for the country in 1909 was above that for 1889.

The distribution of the production of sorghum cane was substantially the same as that of the acreage, except that the very low yield per acre in Texas in 1909 brought the production reported for that state below that of Tennessee or Missouri, which had smaller acreages.

While for the country as a whole about five-sixths of the sorghum cane grown in 1909 was used for mak-

ing sirup, the proportion was considerably lower in the West South Central division. In Texas, of the 101,691 tons produced in 1909, 70,789 were used for coarse forage, and only 30,902 for making sirup.

The leading states in the production of sirup in 1909 were Kentucky, with 2,734,000 gallons; Tennessee, with 2,076,000; Missouri, with 1,788,000; Arkansas, with 1,141,000; and North Carolina, with 1,099,000; no other state producing as much as 1,000,000 gallons.

Table 107

DIVISION OR STATE.	SORGHUM SIRUP MADE ON FARMS (GALLONS).			
	1909	1899	1889	1879
United States.....	16,532,382	16,972,783	24,235,219	28,444,202
GEOGRAPHIC DIVISIONS:				
New England.....			461	1,181
Middle Atlantic.....	2,634	7,937	42,294	72,162
East North Central.....	2,457,472	1,730,996	2,674,215	5,654,348
West North Central.....	2,461,986	3,507,977	6,597,102	8,429,519
South Atlantic.....	3,176,114	3,083,892	4,245,604	3,968,954
East South Central.....	6,241,739	5,655,998	6,852,400	8,964,768
West South Central.....	2,150,553	2,328,922	3,757,924	1,584,200
Mountain.....	35,546	45,479	56,718	67,356
Pacific.....	6,338	11,582	5,501	6,214
NEW ENGLAND:				
Maine.....			152	
New Hampshire.....			50	
Vermont.....			45	
Massachusetts.....				18
Connecticut.....			214	1,163
MIDDLE ATLANTIC:				
New York.....	14	973	8,305	1,134
New Jersey.....	35	450	281	1,261
Pennsylvania.....	2,685	6,514	33,708	69,767
EAST NORTH CENTRAL:				
Ohio.....	354,131	341,523	547,630	1,229,852
Indiana.....	965,056	579,061	751,968	1,741,833
Illinois.....	977,238	825,939	1,116,183	2,268,993
Michigan.....	21,350	24,059	45,324	102,500
Wisconsin.....	139,967	160,414	219,070	314,130
WEST NORTH CENTRAL:				
Minnesota.....	145,934	157,605	340,792	543,269
Iowa.....	250,205	521,212	1,386,606	2,094,620
Missouri.....	1,788,391	1,990,987	2,721,240	4,129,595
North Dakota.....	102	114	19	117,012
South Dakota.....	2,030	9,859	29,372	263,047
Nebraska.....	14,644	92,413	634,145	240,677
Kansas.....	260,680	735,787	1,434,937	1,429,476
SOUTH ATLANTIC:				
Delaware.....	4,517	8,952	3,371	25,126
Maryland.....	1,782	4,058	4,732	19,827
Virginia.....	441,189	555,321	546,328	564,556
West Virginia.....	604,201	450,777	512,747	817,168
North Carolina.....	1,099,346	1,419,570	1,268,946	964,682
South Carolina.....	262,452	473,190	539,216	281,242
Georgia.....	740,450	767,024	1,342,803	981,152
Florida.....	22,177		10,461	10,199
EAST SOUTH CENTRAL:				
Kentucky.....	2,733,683	1,277,206	2,094,962	2,062,965
Tennessee.....	2,076,339	2,047,655	2,542,533	3,776,212
Alabama.....	809,361	1,168,868	1,242,689	1,168,451
Mississippi.....	622,356	1,162,269	972,216	1,062,140
WEST SOUTH CENTRAL:				
Arkansas.....	1,140,532	1,223,091	1,868,652	1,118,364
Louisiana.....	47,029	48,727	107,763	33,777
Oklahoma.....	514,807	*179,272	31,209	
Texas.....	448,185	877,232	1,749,010	432,059
MOUNTAIN:				
Montana.....	223	100		36
Idaho.....	407	1,333	3,093	120
Wyoming.....			19,964	3,227
Colorado.....	2,547	2,661	3,510	261
New Mexico.....	5,259	9,031	4,808	5,771
Arizona.....	3,967	28,017	24,233	58,221
Utah.....	21,847	1,465	930	350
Nevada.....	1,266			
PACIFIC:				
Washington.....	634	498	1,125	1,472
Oregon.....	1,374	2,473	2,706	2,283
California.....	4,330	8,671	1,670	2,459

\* Dakota Territory. \* Included in Dakota Territory. \* Includes Indian Territory.

## SORGHUM CANE—FARMS REPORTING, PRODUCTION, AND VALUE, CLASSIFIED BY DISPOSITION OF PRODUCT, BY DIVISIONS AND STATES: 1909.

DIVISION OR STATE.	TOTAL.			USED AS COARSE FORAGE.			USED FOR MAKING SIRUP.			SOLD.		
	Farms reporting.	Production (tons).	Value.	Farms reporting.	Production (tons).	Value.	Farms reporting.	Production (tons).	Value. <sup>1</sup>	Farms reporting. <sup>2</sup>	Tons. <sup>2</sup>	Receipts from sales.
<b>United States.....</b>	<b>445,684</b>	<b>1,647,202</b>	<b>\$10,174,457</b>	<b>46,387</b>	<b>270,775</b>	<b>\$2,193,733</b>	<b>399,297</b>	<b>1,376,427</b>	<b>\$7,983,499</b>	<b>76</b>	<b>7,792</b>	<b>\$17,225</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	22	252	2,143	22	252	2,143						
Middle Atlantic.....	180	952	8,217	75	723	5,985	105	220	2,232			
East North Central.....	62,674	215,103	1,245,408	470	4,290	31,707	62,105	210,813	1,213,409	2	244	360
West North Central.....	55,106	315,093	1,612,008	5,220	65,604	370,516	40,880	250,080	1,218,007	72	7,540	16,795
South Atlantic.....	108,539	270,673	1,683,450	3,035	11,892	126,403	104,604	258,781	1,556,907	2	2	50
East South Central.....	148,422	559,951	3,356,401	14,200	60,303	462,500	134,216	499,048	2,893,901			
West South Central.....	60,511	265,483	2,137,233	21,506	111,663	1,085,071	47,915	153,823	1,052,102			
Mountain.....	1,002	13,578	101,306	713	10,868	70,253	340	2,712	22,053			
Pacific.....	168	5,574	28,203	135	5,182	24,155	33	302	4,048			
<b>NEW ENGLAND:</b>												
Maine.....	3	97	500	3	97	500						
New Hampshire.....												
Vermont.....	1	4	40	1	4	40						
Massachusetts.....	1	30	500	1	30	500						
Rhode Island.....												
Connecticut.....	17	121	1,043	17	121	1,043						
<b>MIDDLE ATLANTIC:</b>												
New York.....	50	641	5,089	55	621	5,082	1	20	7			
New Jersey.....	3	5	47	1	2	20	2	3	27			
Pennsylvania.....	121	200	3,081	10	100	883	102	206	2,198			
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	11,900	28,644	180,543	100	507	3,523	11,701	28,137	177,020			
Indiana.....	22,510	70,672	465,018	200	2,072	15,050	21,856	77,000	440,008			
Illinois.....	21,971	90,287	496,114	62	806	5,185	21,000	80,421	400,509	1	240	300
Michigan.....	1,251	2,705	18,505	28	208	5,709	1,223	2,157	12,826			
Wisconsin.....	5,439	13,735	84,620	20	237	1,580	5,416	13,498	88,029	1	4	20
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	3,677	13,253	83,980	10	396	3,248	3,661	12,857	80,718			
Iowa.....	5,304	28,057	173,259	353	4,360	33,066	5,011	24,507	139,203			
Missouri.....	42,230	201,206	1,030,203	2,807	24,441	159,203	39,833	176,795	876,979			
North Dakota.....	8	128	722	6	122	646	2	6	76			
South Dakota.....	91	851	5,011	51	654	3,742	40	197	1,269			
Nebraska.....	782	10,477	61,025	591	9,254	53,028	101	1,228	7,997			
Kansas.....	2,954	60,821	251,702	1,312	20,377	122,593	1,642	34,444	112,374	72	7,540	10,795
<b>SOUTH ATLANTIC:</b>												
Delaware.....	117	272	2,267	1	6	36	110	200	2,281			
Maryland.....	72	275	1,415	8	66	575	64	200	840			
District of Columbia.....												
Virginia.....	16,808	41,440	223,224	112	574	5,590	16,600	40,875	217,634			
West Virginia.....	10,720	48,094	300,218	1	3	30	16,710	48,091	300,188			
North Carolina.....	41,620	80,402	541,264	540	1,709	10,027	41,080	84,753	524,667			
South Carolina.....	10,802	27,612	185,358	2,100	5,241	53,525	8,792	22,371	131,833			
Georgia.....	22,008	64,333	410,561	1,150	4,134	48,738	20,948	60,202	370,773	2	2	80
Florida.....	212	2,173	10,118	23	150	1,282	189	2,014	8,831			
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	57,435	220,303	1,410,565	6,465	27,899	200,139	50,070	198,404	1,216,426			
Tennessee.....	47,130	205,001	1,145,932	4,714	22,573	164,435	42,416	183,328	981,407			
Alabama.....	24,545	72,388	450,203	1,511	4,799	51,320	23,034	67,580	398,934			
Mississippi.....	10,312	55,350	343,641	1,510	5,032	40,597	17,796	50,327	297,044			
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	31,952	93,123	658,075	3,657	10,082	94,224	28,295	83,041	568,851			
Louisiana.....	1,029	6,073	34,277	278	1,388	13,050	1,651	4,085	21,227			
Oklahoma.....	10,758	64,509	480,112	3,445	20,404	230,341	7,313	35,105	252,771			
Texas.....	24,872	101,691	655,769	14,216	70,789	741,456	10,666	30,602	214,313			
<b>MOUNTAIN:</b>												
Montana.....	9	37	340	3	10	100	0	18	159			
Idaho.....	14	253	1,464	6	220	1,132	8	24	332			
Wyoming.....	4	103	1,545	4	103	1,545						
Colorado.....	324	7,161	43,520	300	6,987	41,710	24	174	1,804			
New Mexico.....	422	2,810	26,877	324	2,379	23,545	98	440	8,832			
Arizona.....	122	1,451	19,586	73	1,122	10,818	40	329	3,068			
Utah.....	155	1,654	12,878	3	27	307	152	1,027	12,571			
Nevada.....	12	100	700				12	100	700			
<b>PACIFIC:</b>												
Washington.....	35	766	5,234	27	695	4,667	8	71	577			
Oregon.....	85	1,787	8,143	68	1,654	7,012	17	133	1,131			
California.....	48	3,021	14,820	40	2,833	12,436	8	188	2,340			

<sup>1</sup> Value of sirup made from cane crushed on the farm.<sup>2</sup> Included also with "used as coarse forage."

# INDIVIDUAL CROPS.

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SORGHUM CANE—FARMS REPORTING, 1909 AND 1899, ACREAGE, 1889 TO 1909, AND AVERAGE ACRES PER FARM, YIELD PER ACRE, AND VALUE PER TON AND PER ACRE, 1909 AND 1899, BY DIVISIONS AND STATES.

DIVISION OR STATE.	FARMS REPORTING.				ACREAGE.			AVERAGE ACRES PER FARM.		AVERAGE YIELD PER ACRE (TONS).		AVERAGE VALUE.			
	Number.		Per cent of all farms.		1909	1899	1889	1909	1899	1909	1899	Per ton.		Per acre.	
	1909	1899	1909	1899								1909	1899	1909	1899
United States.....	445,684	446,621	7.0	7.8	444,083	293,152	415,691	1.0	0.7	3.71	6.52	\$6.18	\$3.20	\$22.91	\$20.82
<b>GEOGRAPHIC DIVISIONS:</b>															
New England.....	22		( <sup>1</sup> )		22		11	1.0		11.45		8.50		97.41	
Middle Atlantic.....	180	256	( <sup>1</sup> )	0.1	233	126	608	1.3	0.5	4.09	7.54	8.63	2.89	35.27	29.33
East North Central.....	62,674	54,018	5.6	4.8	34,698	24,026	39,580	0.6	0.5	6.20	8.37	5.79	2.96	35.90	24.80
West North Central.....	55,106	71,004	5.0	6.7	72,785	67,240	125,710	1.3	0.9	4.34	5.63	5.11	3.43	22.15	19.31
South Atlantic.....	108,539	123,626	9.8	12.8	62,699	54,152	75,256	0.6	0.4	4.32	6.86	6.22	3.41	26.85	23.41
East South Central.....	148,422	131,486	14.2	14.6	150,904	83,911	114,577	1.0	0.6	3.71	7.05	5.99	3.03	22.24	21.35
West South Central.....	69,511	65,678	7.4	8.7	115,334	61,901	58,517	1.7	0.9	2.30	5.70	8.05	3.10	18.53	17.71
Mountain.....	1,062	458	0.6	0.5	6,548	689	1,342	6.2	1.5	2.07	7.35	7.46	4.51	15.47	33.15
Pacific.....	168	95	0.1	0.1	866	207	90	5.2	2.2	6.44	7.09	5.06	3.63	32.57	25.72
<b>NEW ENGLAND:</b>															
Maine.....	3		( <sup>1</sup> )		8		3	2.7		12.13		5.77		70.00	
New Hampshire.....							2								
Vermont.....	1		( <sup>1</sup> )		2		1	2.0		2.00		10.00		26.00	
Massachusetts.....	1		( <sup>1</sup> )		3			3.0		10.00		16.67		166.67	
Rhode Island.....															
Connecticut.....	17		0.1		9		5	0.5		13.44		8.62		115.89	
<b>MIDDLE ATLANTIC:</b>															
New York.....	56	20	( <sup>1</sup> )	( <sup>1</sup> )	143	14	114	2.6	0.7	4.48	7.50	7.94	3.53	35.59	26.50
New Jersey.....	3	3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	7	6	( <sup>2</sup> )	2.3	( <sup>2</sup> )	7.43	9.40	3.13	( <sup>2</sup> )	23.29
Pennsylvania.....	121	233	0.1	0.1	90	105	488	0.7	0.5	3.40	7.55	10.07	3.99	34.23	30.10
<b>EAST NORTH CENTRAL:</b>															
Ohio.....	11,900	12,418	4.4	4.5	4,709	5,037	7,505	0.4	0.4	6.08	7.69	6.30	3.27	38.34	35.17
Indiana.....	22,116	19,232	10.3	8.7	12,253	7,955	12,344	0.6	0.4	6.50	8.25	5.84	2.94	38.00	24.27
Illinois.....	21,971	16,203	8.7	6.1	15,039	9,158	15,384	0.7	0.6	6.00	9.21	5.49	2.65	32.99	24.39
Michigan.....	1,251	1,276	0.6	0.6	416	377	897	0.3	0.3	6.65	7.39	6.73	3.76	44.79	27.81
Wisconsin.....	5,436	4,889	3.1	2.9	2,281	2,399	3,450	0.4	0.5	6.02	7.07	6.16	3.80	37.10	26.86
<b>WEST NORTH CENTRAL:</b>															
Minnesota.....	3,677	3,887	2.4	2.5	1,709	2,283	3,890	0.5	0.6	7.75	6.29	6.24	4.16	49.13	26.16
Iowa.....	5,364	10,529	2.5	4.6	6,225	8,287	16,540	1.2	0.8	4.65	7.04	5.98	3.75	27.83	26.43
Missouri.....	42,230	48,951	15.2	17.2	45,088	30,997	36,280	1.1	0.6	4.46	6.49	5.15	3.25	22.96	21.31
North Dakota.....	8	7	( <sup>1</sup> )	( <sup>1</sup> )	26	10	( <sup>2</sup> )	3.2	1.4	4.92	4.10	5.64	4.41	27.77	18.10
South Dakota.....	91	112	0.1	0.2	297	196	730	3.3	1.8	2.87	7.06	5.89	3.46	16.87	24.46
Nebraska.....	782	1,791	0.6	1.5	4,034	4,778	12,505	5.2	2.7	2.60	2.96	5.82	5.30	15.13	15.66
Kansas.....	2,954	5,727	1.7	3.3	15,406	20,689	55,765	5.2	3.6	3.95	4.29	4.14	3.14	16.34	13.49
<b>SOUTH ATLANTIC:</b>															
Delaware.....	117	198	1.1	2.0	66	150	100	0.6	0.8	4.12	6.67	8.33	3.17	34.35	21.17
Maryland.....	72	144	0.1	0.3	75	63	82	1.0	0.4	3.67	6.90	5.15	4.31	18.87	29.73
District of Columbia.....															
Virginia.....	16,808	19,304	9.1	11.5	8,288	8,039	9,578	0.5	0.4	5.00	9.10	5.39	2.69	26.93	24.49
West Virginia.....	16,720	14,834	17.3	16.0	8,607	6,870	7,718	0.5	0.5	5.59	8.22	6.24	3.36	34.88	27.65
North Carolina.....	41,620	48,214	16.4	21.5	21,227	20,227	24,093	0.5	0.4	4.07	5.54	6.25	3.99	25.50	22.09
South Carolina.....	10,892	18,332	6.2	11.8	8,445	7,250	11,391	0.8	0.4	3.27	6.83	6.71	3.60	21.95	24.60
Georgia.....	22,098	22,600	7.6	10.1	15,612	11,553	23,089	0.7	0.5	4.12	6.82	6.52	3.18	26.87	21.69
Florida.....	212		0.4		379		205	1.8		5.73		4.65		26.68	
<b>EAST SOUTH CENTRAL:</b>															
Kentucky.....	57,435	33,692	22.2	14.4	62,327	21,982	37,236	1.1	0.7	3.63	6.93	6.28	2.95	22.73	20.44
Tennessee.....	47,180	45,461	19.2	20.2	52,907	31,364	40,330	1.1	0.7	3.89	7.22	5.57	2.86	21.66	20.63
Alabama.....	24,545	27,150	9.3	12.2	17,819	14,831	21,189	0.7	0.5	4.06	6.29	6.22	3.98	25.27	25.04
Mississippi.....	19,312	25,183	7.0	11.4	17,851	15,734	15,822	0.9	0.6	3.10	7.57	6.21	2.71	19.25	20.56
<b>WEST SOUTH CENTRAL:</b>															
Arkansas.....	31,952	26,927	14.9	15.1	33,071	17,684	27,371	1.0	0.7	2.82	6.94	7.07	3.00	19.90	20.86
Louisiana.....	1,929	2,107	1.6	1.8	1,690	937	1,755	0.9	0.4	3.59	6.50	5.64	3.02	20.28	19.60
Oklahoma.....	10,758	4,696	5.7	4.3	25,546	16,477	844	2.4	3.5	2.63	2.99	7.57	3.13	19.15	9.35
Texas.....	24,872	31,948	6.0	9.1	55,027	26,803	28,547	2.2	0.8	1.85	6.63	9.40	3.17	17.37	20.70
<b>MOUNTAIN:</b>															
Montana.....	9	1	( <sup>1</sup> )	( <sup>1</sup> )	17	2		1.9	2.0	2.18	7.00	9.35	5.00	20.35	35.00
Idaho.....	14	11	( <sup>1</sup> )	0.1	29	21	54	2.1	1.9	8.72	9.10	5.79	3.40	50.48	30.95
Wyoming.....	4		( <sup>1</sup> )		22			5.5		4.68		15.00		70.23	
Colorado.....	324	20	0.7	0.1	3,169	51	818	9.8	2.6	2.26	6.84	6.08	3.17	13.73	21.71
New Mexico.....	422	70	1.2	0.6	2,371	81	90	5.6	1.2	1.19	3.88	9.53	6.25	11.34	24.23
Arizona.....	122	52	1.3	0.9	586	133	69	4.8	2.6	2.48	7.17	9.57	5.12	23.70	26.71
Utah.....	155	283	0.7	1.5	340	371	283	2.2	1.3	4.86	8.30	7.79	4.36	37.88	36.21
Nevada.....	12	21	0.4	1.0	14	30	16	1.2	1.4	7.14	5.40	7.90	4.52	56.43	34.43
<b>PACIFIC:</b>															
Washington.....	35	8	0.1	( <sup>1</sup> )	66	28	20	1.9	3.5	11.61	2.93	6.83	4.20	79.30	12.29
Oregon.....	85	33	0.2	0.1	153	39	45	1.8	1.2	11.68	7.69	4.56	3.98	53.22	39.59
California.....	48	54	0.1	0.1	647	140	25	13.5	2.6	4.67	7.75	4.91	3.49	22.91	27.06

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Less than 1 acre.

<sup>3</sup> Average not shown because of small acreage.

<sup>4</sup> Includes Indian Territory.

## SORGHUM CANE—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 110 DIVISION OR STATE.	ACREAGE.				PRODUCTION (TONS).				VALUE. <sup>1</sup>			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States</b> .....	444,089	293,152	150,937	51.5	1,647,262	1,910,046	-262,784	-13.8	\$10,174,457	\$6,103,102	\$4,071,355	66.7
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	22		22		252		252		2,143		2,143	
Middle Atlantic.....	233	126	107	84.9	952	950	2	0.2	8,217	3,095	4,522	122.4
East North Central.....	34,098	24,926	9,772	39.2	215,103	208,520	6,583	3.2	1,245,496	618,111	627,385	101.5
West North Central.....	72,785	67,240	5,545	8.2	315,693	378,271	-62,578	-16.5	1,612,008	1,298,159	313,849	24.2
South Atlantic.....	62,090	54,152	8,547	15.8	270,673	371,396	-100,723	-27.1	1,083,450	1,267,710	415,740	32.8
East South Central.....	150,904	83,911	66,993	79.8	559,951	591,307	-31,356	-5.3	3,350,401	1,791,178	1,559,223	87.4
West South Central.....	115,334	61,901	53,433	86.3	205,486	353,072	-87,586	-24.8	2,137,233	1,096,084	1,041,149	95.0
Mountain.....	6,548	689	5,859	850.4	13,578	5,063	8,515	168.2	101,306	22,840	78,466	343.5
Pacific.....	860	207	659	318.4	5,574	1,467	4,107	280.0	28,203	5,325	22,878	429.6
<b>NEW ENGLAND:</b>												
Maine.....	8		8		97		97		500		500	
New Hampshire.....												
Vermont.....	2		2		4		4		40		40	
Massachusetts.....	3		3		30		30		500		500	
Rhode Island.....												
Connecticut.....	9		9		121		121		1,043		1,043	
<b>MIDDLE ATLANTIC:</b>												
New York.....	143	14	129	(*)	641	105	536	510.5	5,089	371	4,718	1,271.7
New Jersey.....	(*)	7	-7	(*)	5	52	-47	(*)	47	163	-116	-71.2
Pennsylvania.....	90	105	-15	-14.3	306	793	-487	-61.4	3,081	3,161	-80	-2.5
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	4,709	5,037	-328	-6.5	28,644	38,759	-10,115	-26.1	180,543	126,781	53,762	42.4
Indiana.....	12,253	7,955	4,298	54.0	79,672	65,685	13,987	21.3	405,618	193,056	272,562	141.2
Illinois.....	15,039	9,158	5,881	64.2	90,287	84,326	5,961	7.1	496,114	223,344	272,770	122.1
Michigan.....	416	377	39	10.3	2,765	2,787	-22	-0.8	18,595	10,486	8,109	77.3
Wisconsin.....	2,281	2,399	-118	-4.9	13,735	16,963	-3,228	-19.0	84,626	64,444	20,182	31.3
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	1,709	2,283	-574	-25.1	13,253	14,369	-1,116	-7.8	83,906	59,714	24,222	40.6
Iowa.....	6,225	8,287	-2,062	-24.9	28,957	58,347	-29,390	-50.4	173,259	218,999	-45,740	-20.9
Missouri.....	45,088	30,997	14,091	45.5	201,200	201,165	41	(*)	1,036,263	660,624	375,639	56.9
North Dakota.....	20	10	10	(*)	128	41	87	(*)	722	181	541	298.9
South Dakota.....	297	196	101	51.5	851	1,384	-533	-38.5	5,011	4,795	216	4.5
Nebraska.....	4,034	4,778	-744	-15.6	10,477	14,119	-3,642	-25.8	61,025	74,817	-13,792	-18.4
Kansas.....	15,406	20,689	-5,283	-25.5	60,821	88,840	-28,025	-31.5	251,762	279,029	-27,267	-9.8
<b>SOUTH ATLANTIC:</b>												
Delaware.....	66	150	-84	-56.0	272	1,001	-729	-72.8	2,267	3,175	-908	-28.6
Maryland.....	75	63	12	(*)	275	435	-160	-36.8	1,415	1,873	-458	-24.5
District of Columbia.....												
Virginia.....	8,288	8,039	249	3.1	41,449	73,137	-31,688	-43.3	223,224	196,915	26,309	13.4
West Virginia.....	8,607	6,870	1,737	25.3	48,094	56,400	-8,375	-14.8	300,218	189,935	110,283	58.1
North Carolina.....	21,227	20,227	1,000	4.0	86,462	112,056	-25,594	-22.8	541,294	446,897	94,397	21.1
South Carolina.....	8,445	7,250	1,195	16.5	27,612	40,630	-13,018	-44.3	185,358	178,323	7,035	3.9
Georgia.....	15,612	11,553	4,059	35.1	64,336	78,768	-14,432	-18.3	419,501	250,592	168,909	67.4
Florida.....	379		379		2,173		2,173		10,113		10,113	
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	62,327	21,982	40,345	183.5	220,303	152,321	73,982	48.6	1,416,505	449,276	967,289	215.3
Tennessee.....	52,907	81,304	21,543	68.7	205,091	226,523	-20,922	-9.1	1,145,932	647,129	498,803	77.1
Alabama.....	17,819	14,831	2,988	20.1	72,388	93,299	-20,911	-22.4	450,263	371,356	78,907	21.2
Mississippi.....	17,851	15,734	2,117	13.5	55,359	119,164	-63,805	-53.5	343,641	323,417	20,224	6.3
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	33,071	17,684	15,387	87.0	93,123	122,779	-29,656	-24.2	658,075	368,816	289,259	78.4
Louisiana.....	1,690	937	753	80.4	6,073	6,091	-18	-0.3	34,277	18,897	15,910	85.6
Oklahoma.....	25,540	* 10,477	9,069	55.0	64,599	* 49,237	15,362	31.2	489,112	* 154,111	335,001	217.4
Texas.....	55,027	26,803	28,224	105.3	101,691	174,965	-73,274	-41.0	955,790	554,790	400,979	72.3
<b>MOUNTAIN:</b>												
Montana.....	17	2	15	(*)	37	14	23	(*)	346	70	276	(*)
Idaho.....	29	21	8	(*)	253	191	62	32.5	1,404	650	814	125.2
Wyoming.....	22		22		103		103		1,545		1,545	
Colorado.....	3,169	51	3,118	(*)	7,101	340	6,812	195.2	43,520	1,107	42,413	3,831.3
New Mexico.....	2,371	81	2,290	(*)	2,819	314	2,505	797.8	20,877	1,963	24,914	1,269.2
Arizona.....	586	133	453	340.6	1,451	953	498	52.3	13,886	4,882	9,004	184.4
Utah.....	840	371	469	55.8	1,654	3,080	-1,426	-46.3	12,878	13,435	-557	-4.1
Nevada.....	14	30	-16	(*)	100	162	-62	-38.3	790	733	57	7.8
<b>PACIFIC:</b>												
Washington.....	60	28	38	(*)	706	82	684	(*)	5,234	344	4,890	1,421.5
Oregon.....	153	39	114	(*)	1,787	300	1,487	495.7	8,143	1,193	6,950	682.6
California.....	647	140	507	302.1	3,021	1,085	1,936	178.4	14,826	3,788	11,038	291.4

<sup>1</sup> Includes value of cane when used as coarse forage, receipts from sale of cane when sold, and value of sirup made when cane was used for that purpose.  
<sup>2</sup> Per cent not shown where base is less than 100. <sup>3</sup> Less than 1 acre. <sup>4</sup> Less than one-tenth of 1 per cent. <sup>5</sup> Includes Indian Territory.

## SUGAR BEETS.

The United States as a whole.—Table 111 shows the statistics for sugar beets for the United States as a whole.

Table 111	SUGAR BEETS.			
	1909	1899	Increase.	
			Amount.	Per cent.
Number of farms reporting .....	35,682	14,035	21,647	154.2
Per cent of all farms .....	0.6	0.2		
Acreage .....	364,093	110,170	253,923	230.5
Average per farm reporting .....	10.2	7.8	2.4	
For root forage .....	3,660			
For manufacture of sugar .....	360,433			
Production (tons) .....	3,932,857	793,353	3,139,504	395.7
Average yield per acre .....	10.8	7.2	3.6	
For root forage .....	30,786			
For manufacture of sugar .....	3,902,071			
Value .....	\$19,880,724	\$3,323,240	\$16,557,484	\$498.2
Average per ton .....	\$5.06	\$4.19	\$0.87	
Average per acre .....	\$54.60	\$30.16	\$24.44	
Beets used for root forage .....	\$185,340			
Beets used for the manufacture of sugar .....	\$19,695,384			

The acreage of sugar beets in 1909 was 364,093 and in 1899, 110,170, showing an increase of 253,923 acres. Of the acreage in 1909, 360,433 acres were used to raise beets for the manufacture of sugar, and only 3,660 to raise beets for root forage. The production of sugar beets in 1909, 3,933,000 tons, was nearly five times as great as that in 1899, and the yield per acre increased from 7.2 tons to 10.8 tons during the decade. The value of sugar beets in 1909, \$19,881,000, was nearly six times as great as that in 1899, \$3,323,000. The average value per ton increased from \$4.19 to \$5.06 and the average value per acre from \$30.16 to \$54.60 during the decade.

Tables 112 to 114, inclusive, give the statistics for sugar beets, by divisions and states. A very large proportion of the acreage in sugar beets in 1909 was in the two western and in the East North Central divisions. The leading states were Colorado, with 108,082 acres; California, with 78,957; Michigan, with 78,779; Utah, with 27,472; Idaho, with 15,601; and Wisconsin, with 12,379. Practically all of the beets in these states were used for the manufacture of sugar, while in general the small amounts raised in the South, in New England, in the Middle Atlantic states, with the exception of New York, and in Missouri, North and South Dakota, and Nevada were used as root forage. All of the important beet producing states showed large increases in acreage between 1899 and 1909, the most remarkable development being that in Colorado, where the progress of irrigation has helped to increase the acreage in beets from 1,094 in 1899 to 108,082 in 1909.

Among the important states, the lowest average yield of beets per acre in 1909 was in Michigan, 8.98 tons, and the highest in Utah, 15.07 tons, the average for Colorado being 11.40 tons. The distribution of the production of beets was nevertheless substantially similar to that of the acreage, Colorado being the only state that produced more than 1,000,000 tons of sugar beets in 1909. The value of the sugar beets produced in 1909 was \$6,061,000 in Colorado, \$4,321,000 in California, \$4,014,000 in Michigan, and \$1,859,000 in Utah. The average value per ton was highest in Michigan among the leading states, being \$5.67, and lowest in Utah, \$4.49, the average in Colorado being \$4.92.

## SUGAR BEETS—FARMS REPORTING, ACREAGE HARVESTED, PRODUCTION, AND VALUE, CLASSIFIED BY DISPOSITION OF PRODUCT, BY DIVISIONS AND STATES: 1909.

Table 112 DIVISION OR STATE.	TOTAL.				USED AS ROOT FORAGE.				USED FOR MANUFACTURE OF SUGAR.			
	Farms report- ing.	Acreage.	Produc- tion (tons).	Value.	Farms report- ing.	Acres- age.	Produc- tion (tons).	Value.	Farms report- ing.	Acreage.	Produc- tion (tons).	Value.
<b>United States.....</b>	<b>35,682</b>	<b>364,093</b>	<b>3,932,857</b>	<b>\$19,880,724</b>	<b>2,375</b>	<b>3,060</b>	<b>30,786</b>	<b>\$185,340</b>	<b>33,307</b>	<b>360,433</b>	<b>3,902,071</b>	<b>\$19,695,384</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	124	106	1,114	12,450	124	106	1,114	12,450				
Middle Atlantic.....	475	1,400	12,310	67,641	210	208	2,250	16,047	265	1,193	10,060	51,594
East North Central.....	20,572	100,131	921,036	5,119,508	207	243	2,300	13,705	20,365	93,883	918,640	5,105,773
West North Central.....	1,677	13,519	122,460	593,597	227	301	1,401	8,663	1,450	13,218	121,050	584,934
South Atlantic.....	203	170	592	5,193	203	170	592	5,193				
East South Central.....	325	306	1,216	7,794	325	306	1,216	7,794				
West South Central.....	420	745	1,453	12,819	420	745	1,453	12,819				
Mountain.....	10,184	165,007	1,998,076	9,580,274	97	260	2,108	10,402	10,087	165,407	1,995,968	9,569,872
Pacific.....	1,702	81,953	874,591	4,481,388	502	1,231	18,253	98,177	1,140	80,722	850,338	4,383,211
<b>NEW ENGLAND:</b>												
Maine.....	43	21	198	1,814	43	21	198	1,814				
New Hampshire.....	3	3	125	1,005	3	3	125	1,005				
Vermont.....	11	5	46	322	11	5	46	322				
Massachusetts.....	65	74	742	9,209	65	74	742	9,209				
Rhode Island.....	2	3	3	40	2	3	3	40				
Connecticut.....												
<b>MIDDLE ATLANTIC:</b>												
New York.....	376	1,313	10,990	59,200	111	115	930	7,606	265	1,198	10,060	51,594
New Jersey.....	28	30	529	2,615	28	30	529	2,615				
Pennsylvania.....	71	57	800	5,826	71	57	800	5,826				
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,139	7,086	63,696	319,667	39	27	150	1,227	1,100	7,000	63,546	318,440
Indiana.....	109	756	7,194	40,861	41	66	646	3,284	68	600	6,548	37,577
Illinois.....	293	1,181	14,081	77,732	19	11	65	307	274	1,170	14,910	77,335
Michigan.....	14,600	78,779	707,030	4,014,123	51	63	640	3,045	14,630	78,711	706,990	4,010,178
Wisconsin.....	4,341	12,379	127,526	667,185	57	71	880	4,942	4,284	12,308	126,046	662,243
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	774	2,238	24,140	118,625	41	41	384	2,153	733	2,197	23,756	116,472
Iowa.....	247	1,051	7,117	35,024	30	21	155	1,127	211	1,030	6,962	33,897
Missouri.....	106	180	506	2,905	106	180	506	2,905				
North Dakota.....	4	3	59	370	4	3	59	370				
South Dakota.....	0	5	28	191	0	5	28	191				
Nebraska.....	327	4,191	30,874	180,247	11	0	118	654	316	4,182	39,756	179,583
Kansas.....	210	5,851	50,736	250,292	20	42	751	1,200	100	5,809	50,585	254,922
<b>SOUTH ATLANTIC:</b>												
Delaware.....	3	3	25	186	3	3	25	186				
Maryland.....	8	5	81	541	8	5	81	541				
District of Columbia.....												
Virginia.....	36	20	94	870	36	20	94	870				
West Virginia.....	10		45	320	10		45	320				
North Carolina.....	32	39	85	634	32	39	85	634				
South Carolina.....	37	52	95	1,188	37	52	95	1,188				
Georgia.....	75	49	104	1,385	75	49	104	1,385				
Florida.....	2	2	3	60	2	2	3	60				
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	190	192	675	3,939	190	192	675	3,939				
Tennessee.....	123	167	429	2,810	123	167	429	2,810				
Alabama.....	12	18	43	305	12	18	43	305				
Mississippi.....	30	19	60	650	30	19	60	650				
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	155	244	468	3,945	155	244	468	3,945				
Louisiana.....	3	1	15	240	3	1	15	240				
Oklahoma.....	101	207	359	2,715	101	207	359	2,715				
Texas.....	161	293	611	5,919	161	293	611	5,919				
<b>MOUNTAIN:</b>												
Montana.....	369	8,804	100,434	546,832	27	94	658	3,354	342	8,710	108,776	543,478
Idaho.....	1,037	15,601	179,661	813,904	7	3	23	144	1,030	15,598	179,638	813,460
Wyoming.....	136	1,207	13,418	61,308	12	20	184	1,024	124	1,181	13,234	60,374
Colorado.....	4,868	108,082	1,231,712	6,061,152	13	77	994	3,623	4,885	108,005	1,230,718	6,057,529
New Mexico.....	20	55	239	1,492	22	27	72	604	7	28	167	828
Arizona.....	67	4,443	40,630	236,907	2		6	110	65	4,443	49,624	236,887
Utah.....	3,644	27,472	413,946	1,858,600	10	30	135	1,284	3,634	27,442	413,811	1,857,316
Nevada.....	4	3	36	199	4	3	36	199				
<b>PACIFIC:</b>												
Washington.....	381	1,820	13,794	85,954	333	550	7,238	47,947	48	1,270	6,556	38,007
Oregon.....	208	1,179	15,606	74,902	187	305	9,093	43,079	21	781	6,513	31,223
California.....	1,113	78,057	845,191	4,320,532	42	286	1,922	6,551	1,071	78,071	843,269	4,313,981

# INDIVIDUAL CROPS.

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SUGAR BEETS—FARMS REPORTING AND PERCENTAGE OF ALL FARMS, AVERAGE ACRES PER FARM, AVERAGE YIELD PER ACRE, AND AVERAGE VALUE PER TON AND PER ACRE, BY DIVISIONS AND STATES: 1909 AND 1899.

**Table 113**

DIVISION OR STATE.	FARMS REPORTING.				AVERAGE ACRES PER FARM.		AVERAGE YIELD PER ACRE (TONS).		AVERAGE VALUE.			
	Number.		Per cent of all farms.		1909	1899	1909	1899	Per ton.		Per acre.	
	1909	1899	1909	1899					1909	1899	1909	1899
<b>United States</b> .....	35,682	14,035	0.6	0.2	10.2	7.8	10.80	7.20	\$5.06	\$4.19	\$54.69	\$36.18
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	124		0.1		0.9		10.51		11.18		117.45	
Middle Atlantic.....	475	774	0.1	0.2	3.0	2.7	8.76	7.79	5.49	4.72	48.11	36.77
East North Central.....	20,572	9,171	1.8	0.8	4.9	4.5	9.20	5.40	5.56	4.07	51.13	21.96
West North Central.....	1,677	1,159	0.2	0.1	8.1	9.3	9.06	7.28	4.85	3.60	43.91	26.18
South Atlantic.....	203		(1)		0.8		3.48		8.77		30.55	
East South Central.....	325		(1)		1.2		3.07		6.41		19.68	
West South Central.....	420	20	(1)	(1)	1.8	6.8	1.95	3.87	8.82	4.69	17.21	18.16
Mountain.....	10,184	1,956	5.6	1.9	16.3	5.1	12.06	9.71	4.79	4.23	57.83	41.12
Pacific.....	1,702	955	0.9	0.7	48.2	47.8	10.67	8.27	5.12	4.35	54.68	35.95
<b>NEW ENGLAND:</b>												
Maine.....	43		0.1		0.5		9.43		9.16		86.38	
New Hampshire.....	3		(1)		1.0		41.67		8.04		335.00	
Vermont.....	11		(1)		0.5		9.20		7.00		64.49	
Massachusetts.....	65		0.2		1.1		10.03		12.49		125.29	
Rhode Island.....	2		(1)		1.5		1.00		13.33		13.33	
Connecticut.....												
<b>MIDDLE ATLANTIC:</b>												
New York.....	376	774	0.2	0.3	3.5	2.7	8.37	7.79	5.39	4.72	45.69	36.77
New Jersey.....	28		0.1		1.3		14.69		4.94		72.64	
Pennsylvania.....	71		(1)		0.8		14.04		7.28		162.21	
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,139		0.4		6.2		9.05		5.02		45.42	
Indiana.....	109		0.1		6.9		9.52		5.68		54.05	
Illinois.....	293	78	0.1	(1)	4.0	17.6	12.69	6.65	5.19	3.96	65.82	28.44
Michigan.....	14,690	9,085	7.1	4.5	5.4	4.4	8.98	5.35	5.67	4.07	50.95	21.80
Wisconsin.....	4,341	8	2.5	(1)	2.9	4.3	10.30	6.85	5.23	4.02	53.90	27.56
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	774	624	0.5	0.4	2.9	3.4	10.79	7.55	4.91	3.75	53.60	28.30
Iowa.....	247		0.1		4.3		6.77		4.92		33.32	
Missouri.....	106		(1)		1.7		2.81		5.74		16.14	
North Dakota.....	4		(1)		0.8		19.67		6.27		123.39	
South Dakota.....	9		(1)		0.6		5.60		5.86		32.89	
Nebraska.....	327	535	0.3	0.4	12.8	16.2	9.51	7.21	4.32	3.56	43.01	25.66
Kansas.....	210		0.1		27.9		8.67		5.05		48.99	
<b>SOUTH ATLANTIC:</b>												
Delaware.....	3		(1)		1.0		8.33		7.44		62.00	
Maryland.....	8		(1)		0.6		16.20		6.68		108.20	
District of Columbia.....												
Virginia.....	36		(1)		0.6		4.70		9.26		43.50	
West Virginia.....	10		(1)		(2)		(2)		7.31		(2)	
North Carolina.....	32		(1)		1.2		2.18		7.46		16.26	
South Carolina.....	37		(1)		1.4		1.83		12.51		22.85	
Georgia.....	75		(1)		0.7		3.35		8.45		28.27	
Florida.....	2		(1)		1.0		1.50		20.00		30.09	
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	160		0.1		1.2		3.52		5.84		20.52	
Tennessee.....	123		(1)		1.4		2.57		6.55		16.53	
Alabama.....	12		(1)		1.5		2.39		9.19		21.94	
Mississippi.....	30		(1)		0.6		3.63		9.42		34.21	
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	155		0.1		1.6		1.92		8.43		16.17	
Louisiana.....	3		(1)		0.3		15.00		16.00		240.00	
Oklahoma.....	101		0.1		2.0		1.73		7.56		13.12	
Texas.....	161	20	(1)	(1)	1.8	6.8	2.09	3.87	9.69	4.69	20.20	18.18
<b>MOUNTAIN:</b>												
Montana.....	369		1.4		23.9		12.43		5.00		62.11	
Idaho.....	1,037		3.4		15.0		11.52		4.53		52.15	
Wyoming.....	136		1.2		8.9		11.12		4.58		50.87	
Colorado.....	4,898	169	10.6	0.7	22.1	6.5	11.40	6.08	4.92	4.01	56.08	24.42
New Mexico.....	29	33	0.1	(1)	1.9	39.3	4.35	3.05	6.24	4.25	27.13	12.98
Arizona.....	67		0.7		66.3		11.17		4.78		53.34	
Utah.....	3,644	1,753	16.8	9.0	7.5	4.3	15.07	11.39	4.49	4.25	67.65	48.39
Nevada.....	4	1	0.1	(1)	0.8	2.0	12.00	1.00	5.53	5.00	66.33	5.00
<b>PACIFIC:</b>												
Washington.....	381	29	0.7	0.1	4.8	64.2	7.58	3.30	6.23	4.26	47.28	14.05
Oregon.....	208	63	0.5	0.2	5.7	39.8	13.27	5.76	4.80	4.38	68.69	25.23
California.....	1,113	863	1.3	1.2	70.9	47.8	10.70	8.64	5.11	4.35	54.72	37.59

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Average not shown because of small acreage.

## SUGAR BEETS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 114 DIVISION OR STATE.	ACREAGE.				PRODUCTION (TONS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
United States .....	364,093	110,170	253,923	230.5	3,932,857	793,353	3,139,504	395.7	\$19,880,724	\$3,323,240	\$16,557,484	488.2
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	106		106		1,114		1,114		12,450		12,450	
Middle Atlantic.....	1,406	2,053	-647	-31.5	12,310	10,003	-3,084	-23.0	67,641	75,487	-7,846	-10.4
East North Central.....	100,131	41,051	58,480	140.4	921,036	224,715	696,321	300.0	5,119,568	914,641	4,204,927	459.7
West North Central.....	13,519	10,776	2,743	25.5	122,460	78,420	44,031	56.1	593,597	282,084	311,513	110.4
South Atlantic.....	170		170		592		592		5,103		5,103	
East South Central.....	396		396		1,216		1,216		7,794		7,794	
West South Central.....	745	135	610	451.0	1,453	523	930	177.8	12,819	2,451	10,368	423.0
Mountain.....	165,067	9,940	155,727	1,506.6	1,098,076	96,537	1,001,539	1,969.8	9,580,274	408,733	9,171,541	2,243.9
Pacific.....	81,953	45,615	36,338	79.7	874,591	377,146	497,445	131.9	4,481,388	1,630,844	2,851,544	173.3
<b>NEW ENGLAND:</b>												
Maine.....	21		21		198		198		1,814		1,814	
New Hampshire.....	3		3		125		125		1,005		1,005	
Vermont.....	5		5		46		46		322		322	
Massachusetts.....	74		74		742		742		9,269		9,269	
Rhode Island.....	3		3		3		3		40		40	
Connecticut.....												
<b>MIDDLE ATLANTIC:</b>												
New York.....	1,313	2,053	-740	-36.0	10,900	16,003	-5,013	-31.3	59,200	75,487	-16,287	-21.6
New Jersey.....	36		36		529		529		2,615		2,615	
Pennsylvania.....	57		57		800		800		5,826		5,826	
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	7,036		7,036		63,696		63,696		319,667		319,667	
Indiana.....	756		756		7,194		7,194		40,861		40,861	
Illinois.....	1,181	1,370	-189	-13.8	14,981	9,100	5,872	64.5	77,732	30,223	47,509	114.6
Michigan.....	78,770	40,247	38,523	95.7	707,030	215,373	492,266	228.6	4,014,123	877,481	3,136,642	357.5
Wisconsin.....	12,379	34	12,345	(1)	127,526	233	127,293	54,032.2	667,185	937	666,248	71,104.4
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	2,238	2,114	124	5.9	24,140	15,959	8,181	51.3	118,625	59,826	58,799	98.3
Iowa.....	1,051		1,051		7,117		7,117		35,024		35,024	
Missouri.....	180		180		506		506		2,905		2,905	
North Dakota.....	3		3		59		59		370		370	
South Dakota.....	5		5		28		28		164		164	
Nebraska.....	4,191	8,662	-4,471	-51.6	39,874	62,470	-22,596	-30.2	180,247	222,258	-42,011	-18.9
Kansas.....	5,851		5,851		50,730		50,730		250,262		250,262	
<b>SOUTH ATLANTIC:</b>												
Delaware.....	3		3		25		25		186		186	
Maryland.....	5		5		81		81		541		541	
District of Columbia.....												
Virginia.....	20		20		94		94		870		870	
West Virginia.....	(*)				45		45		329		329	
North Carolina.....	39		39		85		85		634		634	
South Carolina.....	52		52		95		95		1,188		1,188	
Georgia.....	40		40		164		164		1,385		1,385	
Florida.....	2		2		3		3		60		60	
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	192		192		675		675		3,939		3,939	
Tennessee.....	107		107		429		429		2,810		2,810	
Alabama.....	18		18		43		43		395		395	
Mississippi.....	19		19		69		69		650		650	
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	244		244		468		468		3,945		3,945	
Louisiana.....	1		1		15		15		240		240	
Oklahoma.....	207		207		359		359		2,715		2,715	
Texas.....	293	135	158	117.0	611	523	88	16.8	5,919	2,451	3,468	141.5
<b>MOUNTAIN:</b>												
Montana.....	8,804		8,804		100,434		100,434		540,832		540,832	
Idaho.....	15,601		15,601		179,661		179,661		813,604		813,604	
Wyoming.....	1,207		1,207		13,418		13,418		61,398		61,398	
Colorado.....	108,082	1,094	106,988	9,770.5	1,231,712	6,656	1,225,056	18,405.3	6,061,152	26,711	6,034,441	22,591.4
New Mexico.....	55	1,298	-1,243	95.8	230	3,965	-3,726	-94.0	1,492	16,849	-15,357	-91.1
Arizona.....	4,443		4,443		40,630		40,630		236,997		236,997	
Utah.....	27,472	7,540	19,926	264.1	413,946	85,914	328,032	381.8	1,858,600	365,163	1,493,437	409.0
Nevada.....	3	2	1	(1)	36	2	34	(1)	199	10	189	(1)
<b>PACIFIC:</b>												
Washington.....	1,820	1,863	-43	-2.3	13,794	6,149	7,645	124.3	85,954	26,176	59,778	228.4
Oregon.....	1,176	2,510	-1,334	-53.1	15,606	14,462	1,144	7.9	74,902	63,322	11,580	18.3
California.....	78,957	41,242	37,715	91.4	845,191	356,535	488,656	137.1	4,320,532	1,550,340	2,770,192	178.7

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

\* Less than 1 acre.

MAPLE SUGAR AND SIRUP.

The United States as a whole.—Tables 115 to 117, inclusive, show the statistics for maple sugar and maple sirup for the United States as a whole.

The number of farms reporting maple sugar or sirup made in 1909 was 87,537, and the number of trees tapped for sugar or sirup was 18,899,533. The total production reported was 4,106,000 gallons of sirup and 14,060,000 pounds of sugar, the combined value being \$5,178,000, or nearly twice as much as that in 1899, \$2,637,000.

The three leading states in the value of maple sugar and sirup combined in 1909 were New York, with a value of \$1,241,000; Ohio, with \$1,099,000; and Vermont, with \$1,087,000. Pennsylvania, Michigan, Indiana, New Hampshire, and Wisconsin were the only

other states that produced maple sugar and sirup valued at as much as \$100,000.

The value of the maple sirup produced in 1909 was \$3,797,000, or nearly three times as great as that of the sugar, which was \$1,380,000. Ohio was the only state that produced over \$1,000,000 worth of maple sirup in 1909 (\$1,071,000), while New York produced \$907,000 worth and Vermont \$366,000 worth. In the value of maple sugar, on the other hand, Vermont was far in the lead, with a product valued at \$721,000, while New York came next with \$334,000, and Pennsylvania third with \$107,000.

The production of maple sirup showed an increase from 1,796,000 gallons in 1879 to 4,106,000 gallons in 1909, while the production of maple sugar showed a decline from 36,576,000 pounds to 14,060,000 pounds during the 30 years.

MAPLE SUGAR AND SIRUP MADE—FARMS REPORTING AND TOTAL VALUE AND AVERAGE VALUE PER FARM, 1909 AND 1899, AND TOTAL NUMBER OF TREES TAPPED AND AVERAGE NUMBER PER FARM, 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease.]

Table 115 DIVISION OR STATE.	FARMS REPORTING.				TREES TAPPED: 1909		VALUE.					
	Number.		Per cent of all farms.		Number.	Average per farm.	1909	1899	Increase.		Average per farm.	
	1909	1899	1909	1899					Amount.	Per cent.	1909	1899
United States .....	87,537	62,718	1.4	1.1	18,899,533	216	\$5,177,809	\$2,636,711	\$2,541,096	96.4	\$59	\$42
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	17,692	13,142	9.4	6.8	6,899,379	390	1,405,972	747,471	658,561	88.1	79	57
Middle Atlantic.....	35,989	26,721	7.7	5.5	6,248,064	174	1,712,934	870,953	841,981	96.7	48	33
East North Central.....	28,937	20,218	2.6	1.8	5,397,976	187	1,907,334	948,848	958,486	101.0	66	47
West North Central.....	1,660	528	0.1	(1)	125,960	76	49,151	13,211	35,940	272.0	20	25
South Atlantic.....	2,740	1,950	0.2	0.2	205,484	75	94,152	53,038	41,114	77.5	24	27
East South Central.....	497	157	(1)	(1)	21,533	43	8,014	3,077	4,937	160.4	16	20
West South Central.....	20		(1)		1,001	50	230		230		12	
Mountain.....	1		(1)		36	(2)	12				(2)	
Pacific.....	1	2	(1)	(1)	50	(2)	10	113	-103	-91.2	(2)	(2)
<b>NEW ENGLAND:</b>												
Maine.....	2,274	841	3.8	1.1	252,764	111	52,137	15,920	36,217	227.5	21	25
New Hampshire.....	3,518	1,631	13.0	5.6	792,147	225	182,341	82,626	99,715	120.7	52	51
Vermont.....	10,066	9,811	30.8	29.6	5,585,632	555	1,086,933	598,953	487,980	81.5	108	61
Massachusetts.....	1,525	1,000	4.1	2.7	250,501	168	77,559	48,236	29,323	60.8	51	48
Rhode Island.....	2		(1)		39	(2)	14					
Connecticut.....	307	59	1.1	0.2	12,296	40	6,988	1,736	5,252	302.5	23	29
<b>MIDDLE ATLANTIC:</b>												
New York.....	25,625	20,567	11.8	9.1	4,948,784	194	1,240,684	631,180	609,504	96.6	49	31
New Jersey.....	81		0.2		1,275	16	1,037				13	
Pennsylvania.....	10,383	6,164	4.7	2.7	1,298,005	125	471,213	239,773	231,440	96.5	45	39
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	12,103	12,067	4.4	4.4	3,170,828	262	1,099,248	665,226	434,022	65.2	91	55
Indiana.....	5,422	4,467	2.5	2.0	742,588	137	300,755	186,307	134,448	80.8	55	37
Illinois.....	557	248	0.2	0.1	48,098	85	23,502	9,841	13,661	138.3	42	40
Michigan.....	6,542	3,168	3.2	1.6	986,737	151	333,791	100,596	233,195	231.8	51	32
Wisconsin.....	4,313	268	2.4	0.2	449,727	104	150,038	6,878	143,160	2,081.4	35	26
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	698	147	0.4	0.1	67,225	95	23,362	3,672	19,690	536.2	33	25
Iowa.....	398	83	0.2	(1)	23,965	60	11,495	2,920	8,575	263.7	29	35
Missouri.....	537	296	0.2	0.1	30,399	57	12,950	6,559	6,391	97.4	24	22
North Dakota.....	1		(1)		1,000	(2)	100		100		(2)	
South Dakota.....	1		(1)		8	(2)	3		3		(2)	
Nebraska.....	5		(1)		140	(2)	24		24		(2)	
Kansas.....	20	2	(1)	(1)	3,223	161	1,217	60	1,157	(2)	61	(2)
<b>SOUTH ATLANTIC:</b>												
Maryland.....	218	209	0.4	0.5	79,658	365	34,386	24,183	10,203	42.2	158	116
Virginia.....	447	213	0.2	0.1	25,451	57	12,233	3,350	8,883	265.2	27	16
West Virginia.....	1,990	1,507	2.1	1.6	97,274	49	46,568	25,271	21,297	84.3	23	17
North Carolina.....	85	21	(1)	(1)	3,101	36	965	234	731	312.4	11	11
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	333	93	0.1	(1)	17,476	52	6,681	2,741	3,940	143.7	20	29
Tennessee.....	164	64	0.1	(1)	4,107	25	1,333	336	997	296.7	8	5
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	20		(2)		1,001	50	230		230		12	
<b>MOUNTAIN:</b>												
Montana.....	1		(2)		36	(2)	12		12		(2)	
<b>PACIFIC:</b>												
Washington.....	1	2	(1)	(1)	50	(2)	10	113	-103	-91.2	(2)	(2)

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Averages not shown where less than 10 farms are reported.

<sup>3</sup> Per cent not shown where base is less than 100.

MAPLE SUGAR AND SIRUP.

The United States as a whole.—Tables 115 to 117, inclusive, show the statistics for maple sugar and maple sirup for the United States as a whole.

The number of farms reporting maple sugar or sirup made in 1909 was 87,537, and the number of trees tapped for sugar or sirup was 18,899,533. The total production reported was 4,106,000 gallons of sirup and 14,060,000 pounds of sugar, the combined value being \$5,178,000, or nearly twice as much as that in 1899, \$2,637,000.

The three leading states in the value of maple sugar and sirup combined in 1909 were New York, with a value of \$1,241,000; Ohio, with \$1,099,000; and Vermont, with \$1,087,000. Pennsylvania, Michigan, Indiana, New Hampshire, and Wisconsin were the only

other states that produced maple sugar and sirup valued at as much as \$100,000.

The value of the maple sirup produced in 1909 was \$3,797,000, or nearly three times as great as that of the sugar, which was \$1,380,000. Ohio was the only state that produced over \$1,000,000 worth of maple sirup in 1909 (\$1,071,000), while New York produced \$907,000 worth and Vermont \$366,000 worth. In the value of maple sugar, on the other hand, Vermont was far in the lead, with a product valued at \$721,000, while New York came next with \$334,000, and Pennsylvania third with \$107,000.

The production of maple sirup showed an increase from 1,796,000 gallons in 1879 to 4,106,000 gallons in 1909, while the production of maple sugar showed a decline from 36,576,000 pounds to 14,060,000 pounds during the 30 years.

MAPLE SUGAR AND SIRUP MADE—FARMS REPORTING AND TOTAL VALUE AND AVERAGE VALUE PER FARM, 1909 AND 1899, AND TOTAL NUMBER OF TREES TAPPED AND AVERAGE NUMBER PER FARM, 1909, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease.]

Table 115 DIVISION OR STATE.	FARMS REPORTING.				TREES TAPPED: 1909		VALUE.					
	Number.		Per cent of all farms.		Number.	Average per farm.	1909	1899	Increase.		Average per farm.	
	1909	1899	1909	1899					Amount.	Per cent.	1909	1899
United States .....	87,537	62,718	1.4	1.1	18,899,533	216	\$5,177,809	\$2,636,711	\$2,541,098	96.4	\$50	\$42
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	17,692	13,142	9.4	6.8	6,899,379	390	1,405,972	747,471	658,501	82.1	79	57
Middle Atlantic.....	35,989	26,721	7.7	5.5	6,248,064	174	1,712,934	870,953	841,981	96.7	48	33
East North Central.....	28,937	20,218	2.6	1.8	5,397,976	187	1,907,334	948,848	958,486	101.0	66	47
West North Central.....	1,660	628	0.1	( <sup>1</sup> )	125,960	76	49,151	13,211	35,940	77.5	30	25
South Atlantic.....	2,740	1,950	0.2	0.2	205,484	75	94,152	63,038	41,114	160.4	34	27
East South Central.....	497	157	( <sup>1</sup> )	( <sup>1</sup> )	21,583	43	8,014	3,077	4,937	12	16	20
West South Central.....	20		( <sup>1</sup> )		1,001	50	230		230		12	
Mountain.....	1		( <sup>1</sup> )		36	( <sup>1</sup> )	12		12		( <sup>1</sup> )	
Pacific.....	1	2	( <sup>1</sup> )	( <sup>1</sup> )	50	( <sup>1</sup> )	10	113	-103	-91.2	( <sup>1</sup> )	( <sup>1</sup> )
<b>NEW ENGLAND:</b>												
Maine.....	2,274	641	3.8	1.1	252,764	111	52,137	15,920	36,217	227.5	21	25
New Hampshire.....	3,518	1,631	13.0	5.6	792,147	225	182,341	82,626	99,715	120.7	52	51
Vermont.....	10,066	9,811	30.8	29.6	5,585,632	555	1,086,933	598,953	487,980	81.5	106	61
Massachusetts.....	1,525	1,000	4.1	2.7	250,501	168	77,559	48,236	29,323	60.8	51	48
Rhode Island.....	2		( <sup>1</sup> )		39	( <sup>1</sup> )	14		14		( <sup>1</sup> )	
Connecticut.....	307	59	1.1	0.2	12,296	40	6,988	1,736	5,252	302.5	23	29
<b>MIDDLE ATLANTIC:</b>												
New York.....	25,525	20,567	11.8	9.1	4,948,784	194	1,240,684	631,180	609,504	96.6	49	31
New Jersey.....	81		0.2		1,275	16	1,037		1,037		13	
Pennsylvania.....	10,383	6,154	4.7	2.7	1,298,005	125	471,213	230,773	241,440	96.5	45	39
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	12,103	12,067	4.4	4.4	3,170,828	262	1,099,248	665,226	434,022	65.2	91	55
Indiana.....	5,422	4,467	2.5	2.0	742,586	137	304,755	166,307	134,448	80.8	55	37
Illinois.....	557	248	0.2	0.1	48,098	85	23,502	9,841	13,661	138.8	42	40
Michigan.....	6,542	3,168	3.2	1.6	986,737	151	333,791	100,596	233,195	231.8	51	32
Wisconsin.....	4,313	268	2.4	0.2	449,727	104	150,038	6,878	143,160	2,081.4	35	26
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	698	147	0.4	0.1	67,225	96	23,362	3,672	19,690	536.2	23	25
Iowa.....	398	83	0.2	( <sup>1</sup> )	23,965	60	11,495	2,420	8,575	293.7	29	35
Missouri.....	537	296	0.2	0.1	30,399	57	12,950	6,559	6,391	97.4	24	22
North Dakota.....	1		( <sup>1</sup> )		1,000	( <sup>2</sup> )			100		( <sup>1</sup> )	
South Dakota.....	1		( <sup>1</sup> )		8	( <sup>2</sup> )			3		( <sup>1</sup> )	
Nebraska.....	5		( <sup>1</sup> )		140	( <sup>2</sup> )			24		( <sup>1</sup> )	
Kansas.....	20	2	( <sup>1</sup> )	( <sup>1</sup> )	3,223	161	1,217	60	1,157	( <sup>1</sup> )	61	( <sup>1</sup> )
<b>SOUTH ATLANTIC:</b>												
Maryland.....	218	209	0.4	0.5	79,658	365	34,386	24,183	10,203	42.2	158	116
Virginia.....	447	213	0.2	0.1	25,451	57	12,233	3,350	8,883	263.2	27	18
West Virginia.....	1,990	1,507	2.1	1.6	97,274	49	46,568	25,271	21,297	84.3	23	17
North Carolina.....	85	21	( <sup>1</sup> )	( <sup>1</sup> )	3,101	36	965	234	731	312.4	11	11
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	333	93	0.1	( <sup>1</sup> )	17,476	52	6,681	2,741	3,940	143.7	20	29
Tennessee.....	164	64	0.1	( <sup>1</sup> )	4,107	25	1,333	336	997	296.7	8	5
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	20		( <sup>1</sup> )		1,001	50	230		230		12	
<b>MOUNTAIN:</b>												
Montana.....	1		( <sup>1</sup> )		36	( <sup>1</sup> )	12		12		( <sup>1</sup> )	
<b>PACIFIC:</b>												
Washington.....	1	2	( <sup>1</sup> )	( <sup>1</sup> )	50	( <sup>1</sup> )	10	113	-103	-91.2	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Averages not shown where less than 10 farms are reported.

<sup>3</sup> Per cent not shown where base is less than 100.

SUGAR BEETS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (—) denotes decrease.]

Table 114 DIVISION OR STATE.	ACREAGE.				PRODUCTION (TONS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States</b> .....	384,093	110,170	253,923	230.5	3,932,857	793,353	3,139,504	395.7	\$19,580,724	\$3,323,240	\$16,557,484	488.2
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	106		106		1,114		1,114		12,450		12,450	
Middle Atlantic.....	1,406	2,053	-647	-31.5	12,319	16,003	-3,684	-23.0	67,041	75,487	-7,846	-10.4
East North Central.....	100,131	41,651	58,480	140.4	921,036	224,715	696,321	309.9	5,119,568	914,641	4,204,927	459.7
West North Central.....	13,519	10,776	2,743	25.5	122,460	78,420	44,031	56.1	593,597	282,084	311,513	110.4
South Atlantic.....	170		170		502		502		5,193		5,193	
East South Central.....	396		396		1,210		1,210		7,794		7,794	
West South Central.....	745	135	610	451.9	1,453	523	930	177.8	12,819	2,451	10,368	423.0
Mountain.....	165,667	9,940	155,727	1,566.6	1,998,070	96,537	1,901,533	1,909.8	9,580,274	408,733	9,171,541	2,243.9
Pacific.....	81,953	45,615	36,338	79.7	874,501	377,140	497,445	131.0	4,481,388	1,630,844	2,841,544	173.3
<b>NEW ENGLAND:</b>												
Maine.....	21		21		198		198		1,814		1,814	
New Hampshire.....	3		3		125		125		1,005		1,005	
Vermont.....	5		5		46		46		322		322	
Massachusetts.....	74		74		742		742		9,269		9,269	
Rhode Island.....	3		3		3		3		40		40	
Connecticut.....												
<b>MIDDLE ATLANTIC:</b>												
New York.....	1,313	2,053	-740	-36.0	10,900	16,003	-5,013	-31.3	59,200	75,487	-16,287	-21.6
New Jersey.....	36		36		529		529		2,615		2,615	
Pennsylvania.....	57		57		800		800		5,826		5,826	
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	7,036		7,036		63,696		63,696		319,667		319,667	
Indiana.....	750		750		7,194		7,194		40,861		40,861	
Illinois.....	1,181	1,370	-189	-13.8	14,981	9,100	5,872	64.5	77,732	30,223	41,509	114.6
Michigan.....	78,779	40,247	38,532	95.7	707,639	215,373	492,266	228.0	4,014,123	877,481	3,136,642	357.5
Wisconsin.....	12,379	34	12,345	(1)	127,520	233	127,287	54,632.2	667,185	937	666,248	71,104.4
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	2,238	2,114	124	5.9	24,140	15,950	8,181	51.3	118,025	59,826	58,199	98.3
Iowa.....	1,051		1,051		7,117		7,117		35,024		35,024	
Missouri.....	180		180		506		506		2,905		2,905	
North Dakota.....	3		3		59		59		370		370	
South Dakota.....	5		5		28		28		164		164	
Nebraska.....	4,191	8,062	-4,471	-51.0	30,874	62,470	-22,596	-36.2	180,247	222,258	-42,011	-18.9
Kansas.....	5,851		5,851		50,736		50,736		256,262		256,262	
<b>SOUTH ATLANTIC:</b>												
Delaware.....	3		3		25		25		186		186	
Maryland.....	5		5		81		81		541		541	
District of Columbia.....												
Virginia.....	20		20		94		94		870		870	
West Virginia.....	(4)				45		45		329		329	
North Carolina.....	30		30		85		85		634		634	
South Carolina.....	52		52		95		95		1,188		1,188	
Georgia.....	40		40		164		164		1,385		1,385	
Florida.....	2		2		3		3		60		60	
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	192		192		675		675		3,939		3,939	
Tennessee.....	167		167		420		420		2,810		2,810	
Alabama.....	18		18		43		43		395		395	
Mississippi.....	19		19		69		69		650		650	
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	244		244		468		468		3,945		3,945	
Louisiana.....	1		1		15		15		240		240	
Oklahoma.....	207		207		359		359		2,715		2,715	
Texas.....	293	135	158	117.0	611	523	88	16.8	5,910	2,451	3,458	141.5
<b>MOUNTAIN:</b>												
Montana.....	8,804		8,804		100,434		100,434		540,832		540,832	
Idaho.....	15,601		15,601		179,661		179,661		813,604		813,604	
Wyoming.....	1,207		1,207		13,418		13,418		61,898		61,898	
Colorado.....	108,082	1,094	106,988	9,770.5	1,231,712	6,656	1,225,056	18,405.3	6,061,152	26,711	6,034,441	22,591.4
New Mexico.....	55	1,298	-1,243	95.8	230	3,665	-3,726	-94.0	1,402	10,849	-15,357	-91.1
Arizona.....	4,443		4,443		40,630		40,630		230,907		230,907	
Utah.....	27,472	7,546	19,926	204.1	413,946	85,914	328,032	381.8	1,858,600	365,163	1,493,437	409.0
Nevada.....	3	2	1	(1)	36	2	34	(1)	199	10	189	(1)
<b>PACIFIC:</b>												
Washington.....	1,820	1,863	-43	-2.3	13,794	6,149	7,645	124.3	85,954	20,173	59,778	228.4
Oregon.....	1,170	2,510	-1,334	-53.1	15,606	14,462	1,144	7.0	74,902	63,322	11,580	18.3
California.....	78,957	41,242	37,715	91.4	845,101	356,535	488,566	137.1	4,320,532	1,550,340	2,770,192	178.7

<sup>1</sup> Per cent not shown where base is less than 100.

<sup>2</sup> Less than 1 acre.

MAPLE SUGAR MADE—FARMS REPORTING, 1909; PRODUCTION, 1879 TO 1909; AND VALUE, 1909 AND 1899, BY DIVISIONS AND STATES.

[A minus sign (—) denotes decrease.]

DIVISION OR STATE.	FARMS REPORTING: 1909		PRODUCTION (POUNDS).						VALUE.			
	Number.	Per cent of all farms.	1909	1899	Increase.		1880	1879	1909	1899	Increase.	
					Amount.	Per cent.					Amount.	Per cent.
<b>United States.....</b>	<b>29,444</b>	<b>0.5</b>	<b>14,060,206</b>	<b>11,928,770</b>	<b>2,131,436</b>	<b>17.9</b>	<b>32,952,927</b>	<b>36,576,061</b>	<b>\$1,380,492</b>	<b>\$1,074,260</b>	<b>\$306,232</b>	<b>28.5</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	9,717	5.1	8,468,175	5,425,160	3,043,015	56.1	10,900,264	15,060,241	811,451	530,901	280,490	52.8
Middle Atlantic.....	14,558	3.1	4,349,544	5,053,080	-703,536	-13.0	12,136,996	13,562,125	440,423	423,094	17,329	4.1
East North Central.....	3,110	0.3	616,877	976,875	-359,998	-36.9	3,425,963	7,083,078	72,740	80,679	-7,939	-9.8
West North Central.....	313	(1)	96,531	31,955	25,576	58.2	100,231	187,048	6,146	4,301	1,845	42.9
South Atlantic.....	1,440	0.1	540,249	420,200	114,040	26.8	368,712	576,738	46,697	34,767	11,930	34.3
East South Central.....	291	(1)	15,023	3,500	11,523	329.2	20,420	97,831	2,869	458	2,411	526.4
West South Central.....	15	(1)	807	.....	807	.....	335	.....	166	.....	166	.....
<b>NEW ENGLAND:</b>												
Maine.....	117	0.2	15,388	5,500	9,888	179.8	84,537	153,334	2,425	643	1,782	277.1
New Hampshire.....	1,437	5.3	558,811	441,870	116,941	26.5	2,124,515	2,731,045	63,688	44,312	19,376	43.7
Vermont.....	7,030	23.3	7,726,817	4,770,870	2,946,947	61.7	14,123,921	11,261,077	720,927	464,132	256,795	55.3
Massachusetts.....	442	1.2	166,952	192,900	-36,938	-18.7	658,674	878,793	22,277	21,124	1,153	5.5
Connecticut.....	85	0.3	10,207	4,930	5,277	107.0	8,017	44,092	2,134	750	1,384	184.5
<b>MIDDLE ATLANTIC:</b>												
New York.....	11,278	5.2	3,160,300	3,623,540	-463,240	-12.8	10,485,623	10,693,619	333,638	307,184	26,454	8.6
New Jersey.....	32	0.1	1,195	.....	1,195	.....	210	2,496	284	.....	284	.....
Pennsylvania.....	3,248	1.5	1,188,049	1,420,540	-241,491	-18.0	1,651,163	2,860,010	100,501	115,910	-9,409	-8.1
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	1,052	0.4	257,592	613,900	-356,308	-58.0	1,575,562	2,895,782	27,918	48,736	-20,818	-42.7
Indiana.....	311	0.1	33,419	51,900	-18,481	-35.6	67,320	235,117	3,950	4,372	-422	-9.7
Illinois.....	80	(1)	5,366	4,090	1,276	31.2	13,260	80,103	1,113	478	635	132.8
Michigan.....	1,308	0.6	293,301	302,715	-9,414	-3.1	1,641,402	3,423,149	35,341	26,693	8,648	32.4
Wisconsin.....	350	0.2	27,190	4,180	23,019	550.7	128,410	448,837	4,418	400	4,018	1,004.5
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	65	(1)	11,390	20,580	-18,181	-61.5	34,917	76,972	1,742	2,733	-991	-36.3
Iowa.....	73	(1)	6,173	2,320	3,853	160.1	45,120	50,710	1,212	280	932	332.9
Missouri.....	170	0.1	11,638	12,055	-417	-3.5	20,182	58,904	2,125	1,258	867	68.0
North Dakota.....	1	(1)	300	.....	300	.....	.....	.....	60	.....	60	.....
South Dakota.....	1	(1)	5	.....	5	.....	.....	.....	1	.....	1	.....
Nebraska.....	.....	.....	.....	.....	.....	.....	12	402	.....	.....	.....	.....
Kansas.....	3	(1)	40,018	.....	40,018	.....	.....	.....	1,006	.....	1,006	.....
<b>SOUTH ATLANTIC:</b>												
Maryland.....	164	0.3	351,908	264,160	87,748	33.2	150,284	176,076	24,985	20,561	4,424	21.5
Virginia.....	303	0.2	44,976	19,310	25,666	132.9	20,691	85,093	6,021	1,816	4,205	231.6
West Virginia.....	905	0.0	140,060	141,550	-1,490	-1.1	177,724	310,860	15,157	12,273	2,884	23.5
North Carolina.....	68	(1)	3,305	1,180	2,125	180.1	7,713	4,103	534	117	417	356.4
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	170	0.1	10,697	2,340	8,357	357.1	11,250	69,535	1,988	291	1,697	582.2
Tennessee.....	115	(1)	4,326	1,160	3,166	272.9	9,107	31,206	881	167	714	427.5
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	15	(1)	807	.....	807	.....	335	.....	166	.....	166	.....

<sup>1</sup> Less than one-tenth of 1 per cent.

# INDIVIDUAL CROPS.

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MAPLE SIRUP MADE--FARMS REPORTING, 1909; PRODUCTION, 1879 TO 1909; AND VALUE, 1909 AND 1899, BY DIVISIONS AND STATES.

[A minus sign (-) denotes decrease.]

Table 117 DIVISION OR STATE.	FARMS REPORTING SIRUP MADE: 1909		SIRUP PRODUCED (GALLONS).						SIRUP PRODUCED (VALUE).			
	Number.	Per cent of all farms.	1909	1899	Increase.		1889	1879	1909	1899	Increase.	
					Amount.	Per cent.					Amount.	Per cent.
<b>United States.....</b>	<b>79,381</b>	<b>1.2</b>	<b>4,106,418</b>	<b>2,056,611</b>	<b>2,049,807</b>	<b>99.7</b>	<b>2,258,376</b>	<b>1,796,048</b>	<b>\$3,797,317</b>	<b>\$1,562,451</b>	<b>\$2,234,866</b>	<b>143.0</b>
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	12,247	6.5	622,764	240,652	376,112	152.5	407,136	304,999	594,521	216,510	378,011	174.6
Middle Atlantic.....	34,006	7.3	1,384,988	573,456	811,532	141.5	612,442	497,391	1,272,511	447,879	824,632	184.1
East North Central.....	28,678	2.6	2,008,861	1,202,074	806,787	67.1	1,167,603	938,002	1,834,594	868,169	966,425	111.3
West North Central.....	1,611	0.1	35,997	9,280	26,737	288.7	34,839	45,397	43,005	8,610	34,395	392.7
South Atlantic.....	2,499	0.2	49,798	22,505	27,293	121.3	24,663	38,839	47,455	18,271	29,184	159.7
East South Central.....	324	(1)	3,020	2,538	1,382	54.5	11,654	31,218	5,145	2,619	2,526	96.4
West South Central.....	14	(1)	68	-----	-----	-----	-----	-----	-----	-----	-----	-----
Mountain.....	1	(1)	12	-----	-----	-----	-----	-----	-----	-----	-----	-----
Pacific.....	1	(1)	10	126	-116	-92.1	-----	-----	-----	-----	-----	-----
<b>New ENGLAND:</b>												
Maine.....	2,230	3.7	43,971	16,024	27,947	174.4	71,818	82,006	49,712	15,277	34,435	225.4
New Hampshire.....	3,003	11.1	111,500	41,588	69,912	168.1	81,997	79,712	118,653	38,314	80,339	209.7
Vermont.....	5,202	16.1	409,953	160,918	249,035	154.8	218,252	128,091	366,006	134,321	231,685	171.5
Massachusetts.....	1,457	3.9	53,091	27,174	25,917	95.4	33,632	13,017	55,282	27,112	28,170	103.9
Rhode Island.....	2	(1)	13	-----	-----	-----	-----	-----	-----	-----	-----	-----
Connecticut.....	293	1.1	4,236	948	3,288	346.8	1,437	2,173	4,854	986	3,868	392.3
<b>MIDDLE ATLANTIC:</b>												
New York.....	23,896	11.1	993,242	413,159	580,083	140.4	457,658	266,390	907,046	323,996	583,050	180.0
New Jersey.....	75	0.2	504	-----	-----	-----	-----	-----	-----	-----	-----	-----
Pennsylvania.....	10,036	4.0	391,242	160,297	230,945	144.1	154,650	140,667	364,712	123,863	240,849	194.4
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	12,061	4.4	1,323,431	923,519	399,912	43.3	727,142	495,839	1,071,330	616,490	454,840	73.6
Indiana.....	5,408	2.5	273,728	170,576	94,152	52.4	180,702	242,084	296,865	161,935	134,876	83.3
Illinois.....	548	0.2	18,492	9,357	9,135	97.6	13,978	40,077	22,359	9,363	13,026	139.1
Michigan.....	6,369	3.1	269,093	82,997	186,096	224.2	197,775	131,990	298,450	73,963	224,487	203.4
Wisconsin.....	4,292	2.4	124,117	6,625	117,492	1,773.4	48,006	58,012	145,620	6,478	139,142	2,147.9
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	694	0.4	17,808	1,079	16,729	1,550.4	12,091	11,407	21,620	939	20,681	2,202.4
Iowa.....	390	0.2	8,596	2,662	5,934	222.9	14,413	17,766	10,283	2,640	7,643	289.5
Missouri.....	500	0.2	9,389	5,474	3,915	71.5	8,333	16,224	10,825	5,271	5,554	185.4
North Dakota.....	1	(1)	20	-----	-----	-----	-----	-----	-----	-----	-----	-----
South Dakota.....	1	(1)	2	-----	-----	-----	-----	-----	-----	-----	-----	-----
Nebraska.....	5	(1)	32	-----	-----	-----	-----	-----	-----	-----	-----	-----
Kansas.....	20	(1)	150	45	105	(5)	-----	-----	-----	-----	-----	-----
<b>SOUTH ATLANTIC:</b>												
Maryland.....	202	0.4	12,172	5,825	6,347	109.0	1,021	2,043	9,401	3,622	5,779	159.6
Virginia.....	387	0.2	6,046	1,677	4,369	260.5	3,468	7,518	6,212	1,534	4,678	365.0
West Virginia.....	1,850	1.0	31,176	14,874	16,302	109.6	19,032	28,666	31,411	12,998	18,413	141.7
North Carolina.....	60	(1)	404	129	275	213.2	1,142	582	431	117	314	208.4
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	235	0.1	3,547	2,367	1,180	49.9	10,468	27,530	4,693	2,450	2,243	91.6
Tennessee.....	89	(1)	373	171	202	118.1	1,188	3,688	452	169	283	167.5
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	14	(1)	68	-----	-----	-----	-----	-----	-----	-----	-----	-----
<b>MOUNTAIN:</b>												
Montana.....	1	(1)	12	-----	-----	-----	-----	-----	-----	-----	-----	-----
Nevada.....	1	(1)	12	-----	-----	-----	-----	-----	-----	-----	-----	-----
<b>PACIFIC:</b>												
Washington.....	1	(1)	10	126	-116	-92.1	-----	-----	-----	-----	-----	-----

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Per cent not shown where base is less than 100.

OTHER 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 individual counties and even states. These crops can not be logically classified under any other designation and are grouped together here, although they are in no way closely related to one another in use, method of

production, or geographic distribution. The reports for the minor crops are not nearly as complete as those for the more important crops.

Table 118 gives statistics for broom corn, hemp, and hops, by states.

Table 119 gives statistics for chicory, chufas, ginseng, mint, teasels, and willows, by states.

MINOR CROPS—FARMS REPORTING AND VALUE, 1909 AND 1899, AND ACREAGE AND PRODUCTION, 1879 TO 1909, BY STATES.

STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (POUNDS).				VALUE.	
	1909	1899	1909	1899	1880	1879	1909	1899	1880	1879	1909	1899
<b>Broom corn, total.....</b>	<b>23,238</b>	<b>17,477</b>	<b>326,102</b>	<b>178,584</b>	<b>93,423</b>	(1)	<b>78,950,958</b>	<b>90,947,370</b>	<b>38,556,329</b>	<b>29,470,825</b>	<b>\$5,134,434</b>	<b>\$3,588,414</b>
Alabama.....	115	253	52	152	61		17,010	50,290	25,698		1,562	2,452
Arizona.....	1	4	14	30			0,000	21,100		200	400	937
Arkansas.....	204	834	332	879	135		100,578	304,090	62,701		8,198	12,588
California.....	24	31	1,023	1,600	815		614,250	1,140,000	611,975	191,600	32,509	40,506
Colorado.....	240	45	5,931	1,241	301		1,187,791	226,550	60,165	3,000	71,717	10,877
Connecticut.....	2				1		150		543		14	
Delaware.....	21	11	13	4	14		4,198	3,000	2,430		492	221
Florida.....		8		34	171			3,390	196,820			174
Georgia.....	8	28	22	31	33		7,007	18,100	7,939		694	972
Idaho.....		1		1	13			300	4,240	300		15
Illinois.....	1,854	3,018	38,452	95,137	34,340		19,309,425	60,665,520	15,932,502	11,045,101	1,457,172	2,357,066
Indiana.....	335	272	323	815	413		153,259	384,170	157,231	430,159	13,461	18,255
Iowa.....	49	100	150	2,220	1,108		75,370	1,178,130	507,072	1,169,967	6,670	50,629
Kansas.....	1,728	1,487	41,064	34,383	30,717		8,708,853	11,813,310	10,800,434	5,683,018	593,947	458,481
Kentucky.....	1,041	1,265	342	830	195		157,280	384,550	93,063		13,641	18,299
Louisiana.....	203	21	320	107	24		92,208	41,120	11,420		7,285	2,130
Maryland.....	201	92	19	93	8		18,589	35,910	3,368		2,006	1,538
Massachusetts.....	2	7	2	11	1		2,100	7,050	800		168	357
Michigan.....	9	13	4	51	11		2,200	23,920	5,079		233	1,090
Minnesota.....	13	20	13	140	80		10,250	70,000	42,090		738	4,121
Mississippi.....	43	107	154	214	41		60,574	143,750	24,770		5,548	6,950
Missouri.....	1,225	1,978	5,339	10,210	2,618		1,774,530	3,693,370	1,051,139	3,159,466	115,243	159,983
Nebraska.....	51	270	458	6,027	10,792		157,140	2,733,200	6,514,763	1,751,807	11,116	103,252
New Jersey.....	10	0	11	11	0		6,760	4,810	3,010		658	266
New Mexico.....	368	3	4,470	14	102		644,892	5,800	24,500		33,492	290
New York.....	10	32	2	356	993		1,001	201,000	450,380	2,926,742	97	8,967
North Carolina.....	128	339	15	67	15		6,493	30,490	6,155		549	1,501
North Dakota.....	3	1	18	3			7,250	2,000		2,450	725	85
Ohio.....	383	335	170	802	1,574		92,292	537,140	801,957	1,504,165	9,110	26,317
Oklahoma.....	10,151	2,887	216,350	12,763	59		42,741,725	3,565,510	16,550		2,559,235	136,331
Pennsylvania.....	727	822	108	221	57		45,582	114,610	36,319	251,269	5,253	6,817
South Carolina.....	3	9	2	21	54		650	11,280	14,463		63	823
South Dakota.....	14	27	64	239	237		35,400	100,570	117,200		3,408	4,938
Tennessee.....	2,220	3,375	1,348	3,444	1,439		347,064	1,015,460	409,436		27,733	47,252
Texas.....	531	304	9,448	3,743	590		2,368,400	1,638,150	315,741		140,533	60,313
Utah.....	1	7		19	16		200	4,830	14,000	15,865	12	259
Virginia.....	660	911	107	1,792	140		46,014	603,390	43,159	127,976	3,588	34,558
Washington.....	5	3	183	67	55		45,040	20,000	22,000		2,905	1,000
West Virginia.....	397	397	45	82	31		30,456	32,570	13,743	125,348	3,229	2,029
Wisconsin.....	12	22	28	64	157		14,830	38,850	92,468	201,121	1,026	2,510
<b>Hemp, total.....</b>	<b>536</b>	<b>2,964</b>	<b>7,647</b>	<b>16,042</b>	<b>24,881</b>	(1)	<b>7,483,295</b>	<b>11,750,030</b>	<b>25,636,880</b>	<b>10,870,720</b>	<b>412,699</b>	<b>546,338</b>
Arkansas.....				1				420			39,000	45,000
California.....			300	500	22		600,000	620,000	24,640		700	5
Colorado.....			77				16,300				5	21,784
Illinois.....			(1)	783	1,178		50	515,400	1,245,440	130,640	21,755	
Indiana.....			335				395,467					
Kentucky.....	400		6,855	14,107	23,468		6,420,232	10,303,560	24,178,560	10,265,920	348,386	468,454
Louisiana.....	1		(1)				20				1,250	
Maine.....	1		15				25,000				118	
Maryland.....	13		(1)				723					
Missouri.....	1		15	10	79		5,500	2,000	69,440	468,100	288	100
Nebraska.....			638	134				305,400	118,800			10,722
New Mexico.....			1				50				201	
Oklahoma.....	1		40				3,530					
Pennsylvania.....	7		(1)	3			7,192	3,850			387	223
Tennessee.....	4		(1)				121				151	
Virginia.....	2		2				2,600				423	
Wisconsin.....	3		7				6,510					

<sup>1</sup> Not reported.

<sup>2</sup> Includes Indian Territory.

<sup>3</sup> Not reported separately.

<sup>4</sup> Less than 1 acre.

# INDIVIDUAL CROPS.

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MINOR CROPS—FARMS REPORTING AND VALUE, 1909 AND 1899, AND ACREAGE AND PRODUCTION, 1879 TO 1909,  
BY STATES—Continued.

STATE.	FARMS REPORTING.		ACREAGE.				PRODUCTION (POUNDS).				VALUE.	
	1909	1899	1909	1899	1889	1879	1909	1899	1889	1879	1909	1899
<b>Hops, total</b> .....	<b>3,957</b>	<b>7,633</b>	<b>44,693</b>	<b>55,613</b>	<b>50,190</b>	<b>46,800</b>	<b>40,718,748</b>	<b>49,209,704</b>	<b>39,152,220</b>	<b>26,546,378</b>	<b>\$7,844,745</b>	<b>\$4,081,929</b>
Alabama.....	1	5	2	1			100	440			10	32
Arizona.....		2		1				600				21
Arkansas.....		8		1				530				55
California.....	273	203	8,391	6,890	3,974	1,119	11,994,953	10,124,660	6,547,338	1,444,077	1,731,110	925,319
Connecticut.....	1		(1)				15				2	
Delaware.....	3		4									
Idaho.....	2	9	(1)	63			28				14	
Illinois.....	12	11	(1)	2	44	21	110	58,870			22	7,361
Indiana.....	13	27	(1)		29	69	86	690	22,300	7,788	18	68
Iowa.....	13	9	(1)	(1)		51	56	640	10,464		19	52
							2,625	120		16,915	251	16
Kansas.....	1		(1)			1	10				3	
Kentucky.....	3	10	6	4			4,005	1,688			651	113
Louisiana.....	1		(1)				5				2	
Maine.....		5		(1)	37	219		60	24,873	48,214		6
Maryland.....	27	8	7	(1)			461	230			73	21
Massachusetts.....	3	10	(1)	13	2	23	20	7,480	800	9,895	7	736
Michigan.....	7	6	(1)	10	121	491	58	3,560	64,815	266,010	14	299
Minnesota.....	7	6	(1)	(1)	2	30	372	51	500	10,928	38	9
Mississippi.....		1		(1)				15				2
Missouri.....	13	28	2	1	1		296	383	310		36	57
Nebraska.....	2		(1)	(1)			104	50			21	4
Nevada.....		1		(1)				100				10
New Hampshire.....		4		(1)	15	69		60	9,033	23,955		6
New Jersey.....	4	4	(1)	(1)			38	75			7	9
New York.....	2,147	5,003	12,023	27,532	36,670	39,072	8,677,138	17,332,340	20,063,029	21,628,931	2,597,951	1,600,305
North Carolina.....	7	7	1	(1)			763	85			60	12
Ohio.....	14	39	18	3		9	2,428	2,910		5,510	305	279
Oregon.....	1,071	1,096	21,770	15,433	3,130	304	16,582,562	14,675,577	3,613,725	244,371	2,838,869	937,513
Pennsylvania.....	132	601	(1)	13	4		2,205	13,710	1,500	36,995	349	1,451
Rhode Island.....		2		(1)				40				5
South Dakota.....		1		(1)				50				25
Tennessee.....	5	16	(1)	(1)			220	307			29	32
Vermont.....		2		6	81	264		4,400	51,705	109,350		375
Virginia.....	9	4	6	(1)		12	4,039	165		1,599	260	17
Washington.....	155	415	2,433	5,296	5,113	534	3,432,504	6,813,830	8,313,280	703,277	665,493	569,582
West Virginia.....	27	31	(1)	1			237	602			52	117
Wisconsin.....	4	57	30	342	967	4,439	13,290	165,346	428,547	1,966,827	9,041	18,020

1 Less than 1 acre.

**Broom corn.**—The acreage of broom corn in 1909 was 326,102 and the production was 78,960,000 pounds, valued at \$5,134,000. About two-thirds of the acreage of broom corn in 1909 was in Oklahoma and most of the remainder in Kansas and Illinois.

The acreage of broom corn has increased at every census since 1889, and was nearly three and one-half times as great in 1909 as 20 years earlier. The production, on the other hand, increased about threefold between 1879 and 1899, but was less in 1909 than in 1899, in spite of an increase of 82.6 per cent in acreage. The value of broom corn rose from \$3,588,000 in 1899 to \$5,134,000 in 1909, an increase of 43.1 per cent.

**Hemp.**—The acreage of hemp in 1909 was 7,647, a large part of which (6,855 acres) was in Kentucky. The production of hemp amounted to 7,483,000 pounds, valued at \$413,000. The only states, besides Kentucky, where the production of hemp was at all considerable were California, with 600,000 pounds, and Indiana, with 395,000 pounds. The acreage of hemp decreased from 24,881 in 1889 to 7,647 in 1909, and the production decreased from 25,637,000 pounds in 1889 to 7,483,000 pounds in 1909. The production of hemp in 1889, however, was about two and one-half

times as great as that 10 years earlier. The value of hemp declined from \$546,000 to \$413,000 between 1899 and 1909.

**Hops.**—The acreage of hops in 1909 was 44,693 and the production was 40,719,000 pounds, valued at \$7,845,000. The acreage and the production of hops declined nearly one-fifth between 1899 and 1909, but the value of the crop nearly doubled during the decade. There were only four states in 1909 where the acreage or the production of hops was considerable. Oregon reported 21,770 acres and a production of 16,583,000 pounds; New York reported 12,023 acres and a production of 8,677,000 pounds; California reported 8,391 acres and 11,995,000 pounds; and Washington reported 2,433 acres and 3,433,000 pounds. Between 1879 and 1909 the acreage of hops for the country as a whole had declined somewhat, while the production in 1909 was considerably greater than 30 years earlier. The acreage in New York state was less than one-third as great in 1909 as 30 years earlier, while that in Oregon, California, and Washington had greatly increased during the same period.

**Other crops.**—The acreage of chicory in 1909 was 1,589 and the production was 19,284,000 pounds, valued at \$70,460, nearly all of it being produced in

Michigan. The acreage in 1909 was only about one-half as great as that in 1899, but the decrease in the production and the value was much less marked.

STATE.	MINOR CROPS.					
	Acreage.		Production. <sup>1</sup>		Value.	
	1900	1899	1909	1899	1909	1899
<b>Chicory, total</b> .....	1,589	3,009	19,284,000	21,495,870	\$70,400	\$73,627
California.....	5	78	80,000	135,500	440	4,200
Iowa.....		( <sup>2</sup> )		80		2
Maine.....		29		64,820		217
Michigan.....	1,584	2,823	19,274,000	19,876,970	70,020	64,640
Nebraska.....		124		1,314,000		4,057
New York.....		4		20,500		162
Wisconsin.....		11		84,000		280
<b>Chufas, total</b> .....	1,712	( <sup>3</sup> )	32,261		62,391	16,734
Alabama.....	52		782		3,100	
Florida.....	1,072		21,500		43,470	13,521
Georgia.....						940
Louisiana.....	11		197		300	
Mississippi.....	28		610		1,377	
North Carolina.....	370		6,880		10,529	2,007
South Carolina.....	141		2,192		3,559	266
Texas.....	2		100		50	
<b>Ginseng, total</b> .....	23	( <sup>4</sup> )			151,888	( <sup>5</sup> )
Alabama.....	( <sup>2</sup> )				100	
Arkansas.....	( <sup>2</sup> )				342	
Connecticut.....	( <sup>2</sup> )				817	
Georgia.....	( <sup>2</sup> )				400	
Illinois.....	( <sup>2</sup> )				770	
Indiana.....	( <sup>2</sup> )				3,818	
Iowa.....	( <sup>2</sup> )				2,362	
Kentucky.....	( <sup>2</sup> )				3,008	
Massachusetts.....	( <sup>2</sup> )				225	
Michigan.....	( <sup>2</sup> )				13,794	
Minnesota.....	( <sup>2</sup> )				7,040	
Mississippi.....	( <sup>2</sup> )				63	
Missouri.....	( <sup>2</sup> )				21,868	
New Hampshire.....	( <sup>2</sup> )				100	
New Jersey.....	( <sup>2</sup> )				21	
New York.....	( <sup>2</sup> )				27,138	
North Carolina.....	( <sup>2</sup> )				66	
Ohio.....	( <sup>2</sup> )				10,639	
Oregon.....	( <sup>2</sup> )				231	
Pennsylvania.....	( <sup>2</sup> )				15,291	
Tennessee.....	6				3,202	
Vermont.....	( <sup>2</sup> )				191	
Virginia.....	( <sup>2</sup> )				605	
Washington.....	( <sup>2</sup> )				5,785	
West Virginia.....	1				685	
Wisconsin.....	10				25,977	
<b>Mint, total</b> .....	8,195	8,591	158,091	187,427	253,000	143,618
Indiana.....	1,814	879	36,021	22,380	58,110	19,557
Michigan.....	6,300	7,648	121,109	164,177	194,301	123,444
New York.....	21	62	301	700	409	613
Tennessee.....		2		170		4
<b>Teasels, total</b> .....	162	( <sup>6</sup> )	78		13,760	
New York.....	110		61		10,760	
Oregon.....	52		17		3,000	
<b>Willows, total</b> .....	661	521	857		44,175	36,523
California.....	2		( <sup>7</sup> )		400	
Illinois.....	5		10		600	
Indiana.....	12	22	9		1,035	2,224
Kentucky.....	37	90	39		4,847	7,007
Maryland.....	159	23	112		16,800	2,838
Michigan.....	25		1		87	
New York.....	405	300	667		19,038	22,495
Ohio.....	3	14	2		272	1,144
Pennsylvania.....	6	5	12		380	715
Texas.....	3		( <sup>8</sup> )		60	
Washington.....	( <sup>9</sup> )		2		288	
Wisconsin.....	4	1	3		338	100

<sup>1</sup> Expressed in pounds for chicory and mint; in bushels for chufas; and in tons for teasels and willows.

<sup>2</sup> Reported in small fractions. <sup>3</sup> Not reported separately. <sup>4</sup> Less than 1 ton.

The acreage of chufas in 1909 was 1,712 and the production was 32,261 bushels, valued at \$62,391. About two-thirds of this production was in Florida and most of the remainder in North and South Carolina. The value of chufas was more than three and one-half times as great in 1909 as 10 years earlier.

The value of ginseng in 1909, was \$152,000, of which \$27,138 was reported from New York, \$25,977 from Wisconsin, \$21,868 from Missouri, \$16,639 from Ohio,

\$15,291 from Pennsylvania, and \$13,794 from Michigan. The acreage reports were incomplete.

The total acreage of mint in 1899 was 8,195 and the production was 158,000 pounds, valued at \$253,000. The acreage and the production of mint decreased between 1899 and 1909, while the value showed a marked increase. About three-fourths of the acreage and production of mint was in Michigan and most of the remainder in Indiana.

The acreage of teasels was 162 and the production was 78 tons, valued at \$13,760. New York and Oregon were the only states reporting this crop.

The acreage of willows in 1909 was 661 and the production 857 tons, valued at \$44,175. The acreage and the value show increases between 1899 and 1909. Three-fourths of the willows were produced in New York and most of the remainder in Maryland.

#### BY-PRODUCTS.

The United States as a whole.—Flax fiber, cornstalks, and straw, which are obtained incidentally as by-products in connection with the raising of flaxseed and the various cereal crops, have a considerable value for feeding and other purposes. They are, however, for the most part, consumed on the farms producing them, and their value is not included with the value of the main crops from which they are derived. The Census Bureau did not make any attempt to ascertain the total quantity or value of these by-products, the schedules calling only for the value of those sold during 1909. The reports of sales are probably somewhat incomplete. Table 120 gives the number of farms reporting sales and the reported receipts from sales.

The reported amount of flax fiber and straw sold in 1909 was only 21,657 tons, while that of other straw sold was 538,000 tons and that of cornstalks and leaves sold 206,000 tons, the total value for the three kinds of by-products being \$4,081,000. The sale of flax fiber was practically confined to the West North Central division, while that of other straw was widely distributed through the country, but was greatest in the East North Central and the Middle Atlantic divisions. About one-fourth of the cornstalks and leaves sold were reported from the West South Central division, but the East North Central and West North Central divisions reported almost as great quantities and the Middle Atlantic and South Atlantic also show considerable amounts. The value of the cornstalks and leaves sold was greatest in the South Atlantic division, \$190,000, and among the five divisions mentioned it was least in the West South Central, \$82,601, in spite of the fact that this division reported the greatest amount sold. The leading states in the amount of straw sold were New York, Illinois, Ohio, and Pennsylvania, while in quantity of cornstalks sold Oklahoma was by far the most important state, followed by Kansas, Ohio, Michigan, and Pennsylvania.

INDIVIDUAL CROPS.

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STRAW AND OTHER BY-PRODUCTS SOLD—TOTAL RECEIPTS FROM SALES, 1909 AND 1899, AND FARMS REPORTING, QUANTITY SOLD, AND AMOUNT RECEIVED FOR EACH CLASS, 1909, BY DIVISIONS AND STATES.

**Table 120**

DIVISION OR STATE.	TOTAL RECEIPTS FROM SALES.		FLAX FIBER AND STRAW: 1909			OTHER STRAW: 1909			CORNSTALKS AND LEAVES: 1909		
	1909	1899	Farms reporting	Quantity sold (tons).	Amount received.	Farms reporting	Quantity sold (tons).	Amount received.	Farms reporting.	Quantity sold (tons).	Amount received.
United States.....	\$4,081,106	\$789,958	1,892	21,057	\$90,832	68,805	537,699	\$3,189,424	36,987	295,585	\$800,850
<b>GEOGRAPHIC DIVISIONS:</b>											
New England.....	127,796	41,461				2,730	10,346	94,449	1,324	5,325	33,347
Middle Atlantic.....	1,848,808	398,939	3	14	178	24,872	157,091	1,682,394	6,905	27,341	166,236
East North Central.....	873,232	77,686	164	1,353	8,726	20,831	192,039	699,719	8,114	45,790	164,787
West North Central.....	401,814	121,514	1,715	20,217	81,711	8,621	79,168	216,188	3,735	43,023	103,915
South Atlantic.....	505,050	8,906				7,628	46,659	315,543	11,654	24,504	189,507
East South Central.....	63,701	10,308	1	2	18	689	4,489	22,169	2,276	6,656	41,514
West South Central.....	115,754	41,966	4	29	75	811	6,684	33,078	1,710	50,784	82,601
Mountain.....	50,219	24,578	2	2	9	1,086	17,255	43,946	173	1,291	6,264
Pacific.....	94,732	64,600	3	40	115	1,537	23,968	81,688	96	890	12,679
<b>NEW ENGLAND:</b>											
Maine.....	33,195	5,138				1,138	4,948	31,455	75	370	1,740
New Hampshire.....	5,696	10,513				118	374	2,790	134	443	2,906
Vermont.....	20,859	8,993				476	2,008	16,342	153	887	4,517
Massachusetts.....	26,638	11,175				313	1,066	13,416	555	2,042	13,223
Rhode Island.....	4,152	1,627				45	126	1,997	79	317	2,155
Connecticut.....	37,256	4,015				640	1,824	28,449	328	1,267	8,807
<b>MIDDLE ATLANTIC:</b>											
New York.....	899,986	264,723	3	14	178	11,733	75,722	844,484	2,041	9,306	55,324
New Jersey.....	393,004	88,545				2,476	27,496	367,015	853	4,964	26,589
Pennsylvania.....	555,218	45,671				10,663	53,873	470,895	4,011	13,071	84,323
<b>EAST NORTH CENTRAL:</b>											
Ohio.....	244,517	25,837	31	115	792	5,900	55,516	195,363	2,587	14,673	48,302
Indiana.....	112,521	12,550				3,159	33,235	95,030	788	5,595	17,491
Illinois.....	237,865	20,731				5,613	59,602	214,603	637	7,831	23,262
Michigan.....	203,373	8,852	41	265	2,013	4,496	31,196	140,839	3,496	13,905	59,821
Wisconsin.....	74,966	9,716	92	973	5,321	1,663	12,490	53,884	606	3,786	15,751
<b>WEST NORTH CENTRAL:</b>											
Minnesota.....	97,352	4,410	925	10,704	55,209	1,026	14,294	34,666	311	2,417	7,477
Iowa.....	137,721	24,602	149	1,655	8,874	3,954	29,285	97,798	887	9,495	31,054
Missouri.....	72,245	48,785	167	1,089	3,208	1,755	13,104	45,381	1,290	9,117	23,656
North Dakota.....	10,361	4,707	164	2,767	6,310	82	1,009	1,631	49	536	2,430
South Dakota.....	13,208	4,380	242	3,495	7,056	215	2,521	3,847	84	689	2,305
Nebraska.....	19,421	9,213	13	78	303	732	7,230	11,880	271	4,136	7,238
Kansas.....	51,506	25,417	55	429	751	857	11,725	20,990	843	16,633	29,765
<b>SOUTH ATLANTIC:</b>											
Delaware.....	15,069	125				131	1,385	11,256	118	738	3,513
Maryland.....	186,515	1,290				2,245	21,815	164,825	820	3,799	21,690
District of Columbia.....											
Virginia.....	114,781	1,197				1,819	12,869	74,310	2,306	7,533	40,471
West Virginia.....	45,633	5,101				1,176	5,165	31,416	1,207	4,805	14,217
North Carolina.....	60,136	487				1,897	3,258	17,446	3,274	3,322	42,690
South Carolina.....	34,628	327				212	1,110	7,406	1,607	1,725	27,222
Georgia.....	47,212	309				146	1,052	8,836	2,230	2,496	28,376
Florida.....	1,076	70				2	5	48	92	86	1,028
<b>EAST SOUTH CENTRAL:</b>											
Kentucky.....	26,785	3,265	1	2	18	233	2,232	10,278	1,224	4,212	16,489
Tennessee.....	20,009	3,359				413	2,002	10,330	846	1,273	9,679
Alabama.....	11,167	839				31	213	1,318	914	790	9,849
Mississippi.....	5,740	2,845				12	42	243	292	351	5,497
<b>WEST SOUTH CENTRAL:</b>											
Arkansas.....	23,533	899	1	8	32	261	1,685	8,657	308	1,765	14,844
Louisiana.....	1,410	15,620				12	91	443	48	99	967
Oklahoma.....	65,497	3,657	3	21	43	349	2,759	11,056	1,050	47,212	54,398
Texas.....	25,314	21,790				189	2,149	12,923	304	1,688	12,362
<b>MOUNTAIN:</b>											
Montana.....	7,046	3,343				128	2,406	6,913	4	64	133
Idaho.....	9,876	475				296	5,688	9,821	3	23	55
Wyoming.....	1,671	1,800	2	2	9	69	694	1,438	9	46	224
Colorado.....	17,787	7,685				336	5,386	15,027	88	723	2,760
New Mexico.....	8,470	660				83	736	5,554	60	376	2,916
Arizona.....	1,184	5,510				11	260	1,120	3	13	64
Utah.....	3,935	5,075				161	2,043	3,823	6	46	112
Nevada.....	250	30				2	42	250			
<b>PACIFIC:</b>											
Washington.....	26,472	1,374	2	35	105	505	7,539	24,520	48	266	1,847
Oregon.....	34,431	6,078				795	10,673	34,198	10	99	333
California.....	33,829	57,148	1	5	10	237	5,756	23,220	38	534	10,599

1 Includes Indian Territory.

## FRUITS AND NUTS.

The value of fruits (including small fruits or berries) and nuts produced in the United States in 1909 amounted to \$222,024,000, or 4 per cent of the total value of farm crops. The value reported for 1899 was \$133,049,000, the increase for the decade amounting to 66.9 per cent. While it is impossible to reduce the quantity of the product to a single total, the statistics for individual classes show that in general the value increased by a much larger percentage than the production.

Of the total value of fruits and nuts in 1909, \$140,867,000 was contributed by orchard fruits, \$29,974,000

by small fruits, \$22,711,000 by citrus fruits, \$22,028,000 by grapes, \$4,448,000 by nuts, and \$1,995,000 by tropical and subtropical fruits (other than citrus). The distribution of the value of fruits and nuts in 1909, by states, is shown by the map on page 720.

## SMALL FRUITS.

The United States as a whole.—The statistics for small fruits or berries for the United States as a whole are shown in Table 121, and the statistics for the divisions and states are given in Tables 122 to 129, inclusive.

Table 121

CROP.	Farms reporting: 1909	Acreage.				Production (quarts).				Value: 1909
		1909	1899	Increase. <sup>1</sup>		1909	1899	Increase. <sup>1</sup>		
				Amount.	Per cent.			Amount.	Per cent.	
All small fruits.....		272,460	309,770	-37,310	-12.0	426,566,863	463,219,612	-36,652,749	-7.9	\$22,974,461
Strawberries.....	216,544	143,045	151,363	-8,318	-5.5	255,702,035	257,427,103	-1,725,068	-0.7	17,913,526
Blackberries and dewberries.....	141,157	49,004	50,211	-1,207	-2.4	55,343,570	62,189,885	-6,846,315	-11.0	3,909,821
Raspberries and loganberries.....	116,929	48,668	60,916	-12,248	-20.1	60,918,100	76,628,107	-15,709,911	-20.5	5,132,277
Cranberries.....	3,910	18,431	20,364	-1,933	-9.5	38,243,060	31,600,512	6,642,548	21.0	1,755,613
Currents.....	62,093	7,862	12,865	-5,003	-38.9	10,448,532	18,592,605	-8,144,163	-43.3	790,431
Gooseberries.....	58,567	4,765	6,752	-1,987	-29.4	5,282,843	9,320,530	-4,037,687	-43.3	417,661
Other berries.....	609	685	7,299			627,627	7,459,780			55,366

<sup>1</sup> A minus sign (-) denotes decrease.

The acreage of small fruits in 1909 was 272,460, representing 0.1 per cent of the total improved farm acreage; the production was 426,566,000 quarts, and the value \$29,974,000, or 0.5 per cent of the total value of farm crops. In 1899 the acreage was 309,770, the production 463,219,000 quarts, and the value \$25,030,000. The acreage thus showed a decrease of 12 per cent and the production a decrease of 7.9 per cent, while the value increased 19.8 per cent. More than one-half of the acreage in small fruits in 1909 was in strawberries, the area being 143,045 acres, blackberries and dewberries, with 49,004 acres, and raspberries and loganberries, with 48,668 acres, ranking second and third, respectively. Cranberries, with 18,431 acres, was the only other small fruit with an acreage exceeding 10,000. The acreage decreased between 1899 and 1909 for every class of small fruits. The production of each class of small fruits also showed a decrease between 1899 and 1909, except cranberries, the production of which increased 21 per cent during the decade. The value of strawberries produced in 1909 was \$17,914,000; that of raspberries and loganberries, \$5,132,000; that of blackberries and dewberries, \$3,910,000; and that of cranberries, \$1,756,000. The values of small fruits were not reported by classes in 1899.

The acreage of small fruits in 1909 was pretty widely distributed through the country, the leading divisions being the East North Central with 56,957 acres, the Middle Atlantic with 55,243, and the South Atlantic with 45,403 acres. The leading states in the acreage

of small fruits were New Jersey, New York, and Michigan, no other state reporting as much as 20,000 acres in these crops. Every division east of the Mississippi River, with the exception of New England, showed a decrease in the acreage of small fruits between 1899 and 1909 and every division west of the river showed an increase, the most considerable increase being that in the Pacific division. The Middle Atlantic division led in 1909 in the production of small fruits, the East North Central ranking next, the South Atlantic third, and the Pacific fourth. New Jersey was the leading state in the production of small fruits, with 38,823,000 quarts in 1909; New York followed with 37,858,000 quarts; Massachusetts was third with 29,260,000 quarts; Michigan was fourth with 27,215,000 quarts; California was fifth with 26,824,000 quarts; and Maryland was sixth with 26,277,000 quarts. Of these states, New Jersey, Massachusetts, and California showed increases in production between 1899 and 1909, while the others showed decreases.

The value of small fruits in 1909 was greatest in New York, where it was \$2,875,000; followed by Michigan, with \$2,029,000; New Jersey, \$1,954,000; California, \$1,789,000; Missouri, \$1,761,000; Massachusetts, \$1,677,000; Ohio, \$1,296,000; Maryland, \$1,228,000; Pennsylvania, \$1,175,000; and Illinois, \$1,110,000, no other state having a value as high as \$1,000,000. The value of small fruits was greater in 1909 than in 1899 in each of the leading states with the exception of Ohio, Illinois, and Pennsylvania.

# INDIVIDUAL CROPS.

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## SMALL FRUITS—ACREAGE, PRODUCTION, AND VALUE, BY DIVISIONS AND STATES: 1909 AND 1899.

[A minus sign (-) denotes decrease.]

Table 122 DIVISION OR STATE.	ACREAGE.				PRODUCTION (QUARTS).				VALUE.			
	1909	1899	Increase.		1909	1899	Increase.		1909	1899	Increase.	
			Amount.	Per cent.			Amount.	Per cent.			Amount.	Per cent.
<b>United States.....</b>	272,480	309,770	-37,310	-12.0	428,565,863	463,218,612	-36,652,749	-7.9	\$29,974,481	\$25,028,757	\$4,944,724	19.8
<b>GEOGRAPHIC DIVISIONS:</b>												
New England.....	13,777	13,647	130	1.0	37,631,006	34,456,666	3,174,310	9.2	2,460,094	2,183,009	286,085	13.1
Middle Atlantic.....	55,243	62,672	-7,429	-11.9	90,300,863	87,975,716	2,325,147	2.6	6,004,636	5,213,239	791,397	15.2
East North Central.....	56,957	92,616	-35,659	-38.5	73,745,968	137,580,655	-63,834,687	-46.4	5,813,117	6,689,485	-876,368	-13.1
West North Central.....	35,587	34,810	777	2.2	46,275,534	45,374,254	901,280	2.0	3,921,982	2,797,864	1,124,118	40.2
South Atlantic.....	45,403	49,403	-4,000	-8.1	72,300,168	73,878,565	-1,578,397	-2.1	4,122,467	3,505,119	617,348	17.6
East South Central.....	18,994	21,380	-2,386	-11.2	22,182,689	26,751,730	-4,569,041	-17.1	1,563,767	1,223,660	330,107	27.0
West South Central.....	19,417	17,519	1,898	10.8	23,878,888	22,639,210	1,239,678	5.5	1,771,332	1,174,029	597,303	50.9
Mountain.....	6,765	5,127	1,638	31.9	10,687,207	7,927,305	2,669,902	33.6	946,263	618,663	327,600	53.0
Pacific.....	20,317	12,596	7,721	61.3	49,663,540	26,634,481	23,029,059	86.5	3,371,823	1,624,689	1,747,134	107.5
<b>NEW ENGLAND:</b>												
Maine.....	1,260	1,585	-325	-20.5	2,285,415	1,754,688	530,727	30.2	233,124	157,679	75,445	47.8
New Hampshire.....	618	730	-112	-15.3	998,244	1,261,176	-262,932	-20.8	107,365	116,890	-9,465	-8.1
Vermont.....	469	418	51	12.2	826,122	930,260	-104,138	-11.2	92,030	85,121	6,909	8.1
Massachusetts.....	9,552	8,346	1,206	14.5	29,260,143	25,882,372	3,377,771	13.1	1,676,790	1,493,714	183,076	12.2
Rhode Island.....	281	581	-300	-51.6	437,660	789,698	-352,138	-44.6	43,033	51,292	-8,259	-16.1
Connecticut.....	1,597	1,987	-390	-19.6	3,823,522	3,838,502	-14,980	-0.4	316,752	278,373	38,379	13.8
<b>MIDDLE ATLANTIC:</b>												
New York.....	22,496	25,051	-2,555	-10.2	37,857,829	40,375,554	-2,518,025	-6.2	2,875,495	2,538,363	337,132	13.3
New Jersey.....	24,069	25,350	-1,281	-5.1	38,822,987	28,339,302	10,483,685	37.0	1,954,125	1,406,049	548,076	39.0
Pennsylvania.....	8,678	12,271	-3,593	-29.3	13,620,047	19,260,560	-5,640,513	-29.3	1,175,616	1,268,827	-93,211	-7.4
<b>EAST NORTH CENTRAL:</b>												
Ohio.....	11,591	21,121	-9,530	-45.1	15,721,023	33,736,030	-18,015,007	-53.4	1,296,343	1,767,357	-471,014	-26.7
Indiana.....	5,919	13,115	-7,196	-54.9	7,424,831	22,088,205	-14,663,374	-66.4	612,725	1,112,527	-500,802	-45.0
Illinois.....	11,723	16,794	-5,071	-30.2	13,602,676	26,129,216	-12,526,540	-47.9	1,109,747	1,293,233	-183,486	-14.2
Michigan.....	21,419	29,197	-7,778	-26.6	27,214,659	40,168,178	-12,953,519	-32.2	2,028,865	1,680,249	348,616	20.7
Wisconsin.....	6,305	12,389	-6,084	-49.1	9,782,779	15,459,026	-5,676,247	-36.7	765,437	838,119	-69,682	-8.3
<b>WEST NORTH CENTRAL:</b>												
Minnesota.....	3,738	3,092	646	20.9	4,476,575	4,542,640	-66,065	-1.5	493,406	339,569	153,837	45.3
Iowa.....	7,211	9,635	-2,424	-25.2	10,344,052	11,327,132	-983,080	-8.7	966,894	878,447	88,447	10.1
Missouri.....	17,009	14,860	2,149	14.5	23,696,221	21,494,920	2,211,301	10.3	1,761,409	1,060,811	710,598	67.6
North Dakota.....	399	67	332	(1)	285,696	70,152	215,544	307.2	39,641	7,785	31,856	409.2
South Dakota.....	419	161	258	160.2	401,295	166,744	235,551	142.1	47,263	16,629	30,634	184.2
Nebraska.....	1,411	1,171	240	20.5	1,594,421	1,211,630	382,791	31.6	159,169	98,159	61,010	62.2
Kansas.....	5,400	5,824	-424	-7.3	5,477,274	6,572,036	-1,094,762	-16.7	454,200	406,464	47,736	11.7
<b>SOUTH ATLANTIC:</b>												
Delaware.....	8,687	10,599	-1,912	-18.0	14,425,209	13,670,380	754,829	5.5	649,732	461,621	188,111	40.7
Maryland.....	16,595	17,522	-927	-5.3	26,277,054	27,957,590	-1,680,536	-6.0	1,227,548	1,181,054	46,494	3.9
District of Columbia.....	12	82	-70	(1)	24,109	126,332	-102,223	-80.9	1,875	7,855	-5,980	-76.1
Virginia.....	7,295	8,796	-1,501	-17.1	11,342,980	13,473,920	-2,130,940	-15.8	671,843	765,097	-93,254	-12.2
West Virginia.....	2,913	1,994	919	46.1	2,336,562	2,388,070	-51,508	-2.2	191,002	149,391	41,611	27.9
North Carolina.....	6,701	6,837	-136	-2.0	12,827,427	11,934,060	893,367	7.5	599,963	553,113	46,850	8.5
South Carolina.....	856	597	259	44.8	1,408,099	959,305	448,794	46.8	113,254	59,486	53,768	90.4
Georgia.....	988	1,634	-646	-39.5	1,262,155	1,597,928	-335,773	-21.0	111,754	90,785	20,969	23.1
Florida.....	1,356	1,348	8	0.6	2,396,573	1,770,980	625,593	35.3	302,353	189,867	112,486	59.3
<b>EAST SOUTH CENTRAL:</b>												
Kentucky.....	4,387	6,126	-1,739	-28.4	4,972,702	8,862,560	-3,889,858	-43.9	357,597	435,462	-77,865	-17.9
Tennessee.....	12,539	12,944	-405	-3.1	13,895,493	15,200,120	-1,304,627	-8.6	923,613	593,092	330,521	55.7
Alabama.....	1,232	761	471	61.9	1,907,193	953,570	953,623	100.0	165,386	54,097	111,289	205.7
Mississippi.....	836	1,549	-713	-46.0	1,407,301	1,735,480	-328,179	-18.9	107,171	141,009	-33,838	-24.0
<b>WEST SOUTH CENTRAL:</b>												
Arkansas.....	8,032	10,819	-2,787	-25.8	8,965,572	14,097,990	-5,132,418	-36.4	601,722	604,323	-2,601	-0.4
Louisiana.....	3,587	1,408	2,179	154.8	6,420,207	1,856,510	4,563,697	245.8	486,988	172,802	314,186	181.8
Oklahoma.....	2,745	2,138	1,357	97.8	2,310,367	2,475,790	-165,423	-6.7	202,291	292,223	-90,932	-31.1
Texas.....	5,053	3,904	1,149	29.4	6,182,742	5,208,920	973,822	18.7	480,331	304,680	175,651	57.7
<b>MOUNTAIN:</b>												
Montana.....	562	554	8	1.4	766,791	1,033,885	-267,094	-25.8	86,586	79,891	6,695	8.4
Idaho.....	1,673	957	716	74.8	2,071,141	1,246,110	825,031	66.2	201,525	95,115	106,410	111.9
Wyoming.....	106	37	69	(1)	96,883	37,330	59,553	159.5	13,984	4,964	9,020	181.7
Colorado.....	2,829	2,347	482	20.5	4,294,988	3,649,230	645,758	17.7	398,836	294,355	104,481	35.5
New Mexico.....	66	48	18	(1)	76,532	59,690	16,842	28.2	9,335	5,766	3,569	61.8
Arizona.....	76	79	-3	(1)	112,190	129,470	-17,280	-13.3	12,967	12,265	722	5.9
Utah.....	1,416	1,052	364	34.6	3,118,395	1,694,730	1,423,665	84.0	217,327	117,489	99,838	85.0
Nevada.....	37	53	-16	(1)	50,287	76,860	-26,573	-34.6	5,683	8,786	-3,103	-35.3
<b>PACIFIC:</b>												
Washington.....	5,508	2,845	2,663	93.6	13,490,930	5,406,996	8,083,934	149.5	941,415	326,646	614,769	188.2
Oregon.....	5,122	3,470	1,652	47.6	9,348,490	6,645,534	2,702,956	40.7	641,194	386,632	254,562	65.8
California.....	9,687	6,281	3,406	54.2	26,824,120	4,581,951	12,242,169	84.0	1,789,214	911,411	877,803	96.3

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

\* Includes Indian Territory

**Strawberries.**—The leading states in the acreage of strawberries in 1909 were Maryland, Tennessee, Missouri, New Jersey, and Michigan. In the production of strawberries Maryland and New Jersey were the two leading states, while the value was highest in New York, followed by California, Missouri, Maryland, and Michigan, no other state producing as much as \$1,000,000 worth of strawberries in 1909. The greatest number of farms reporting strawberries in 1909 were in Iowa, 19,871; Michigan, 16,798; New York, 14,086; and Pennsylvania, 13,515; but the proportion of farms reporting strawberries was highest in Delaware, 33.5 per cent; New Jersey, 18.2 per cent; and Maryland, 15.3 per cent.

**Table 123**

**STRAWBERRIES.**

DIVISION OR STATE.	Farms reporting.	Acreage.		Production (quarts).		Value.
		1909	1909	1909	1899	1909
<b>United States...</b>	<b>216,544</b>	<b>143,045</b>	<b>151,363</b>	<b>255,702,035</b>	<b>257,427,103</b>	<b>\$17,913,926</b>
<b>GEOGRAPHIC DIVISIONS:</b>						
New England.....	13,767	4,432	4,203	11,741,820	10,181,750	1,008,887
Middle Atlantic.....	33,087	19,202	21,724	43,747,240	37,303,410	2,875,072
East North Central.....	63,425	23,004	35,545	30,698,906	66,465,200	3,037,873
West North Central.....	52,831	16,433	13,873	26,308,539	22,488,270	2,152,142
South Atlantic.....	27,927	37,280	37,847	63,124,937	62,595,123	3,565,520
East South Central.....	12,772	14,253	17,060	17,648,083	22,802,190	1,257,412
West South Central.....	7,848	13,017	12,993	19,701,936	17,524,800	1,440,460
Mountain.....	4,791	3,115	2,034	5,030,445	3,960,630	441,580
Pacific.....	10,306	10,809	5,478	28,700,140	14,106,230	2,074,359
<b>NEW ENGLAND:</b>						
Maine.....	3,404	608	512	1,626,250	1,066,800	168,847
New Hampshire.....	1,594	310	307	638,057	508,040	68,562
Vermont.....	1,240	276	232	615,820	598,020	68,000
Massachusetts.....	4,654	2,015	2,027	5,518,807	4,997,240	405,438
Rhode Island.....	545	140	154	326,540	331,870	61,712
Connecticut.....	2,200	993	971	3,010,265	2,500,120	235,648
<b>MIDDLE ATLANTIC:</b>						
New York.....	14,086	6,382	7,311	15,945,863	13,840,800	1,187,410
New Jersey.....	6,086	8,084	8,740	18,737,473	13,274,120	1,280,108
Pennsylvania.....	13,515	4,136	5,637	9,033,004	10,179,430	750,164
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	8,709	4,700	9,373	8,501,065	17,010,080	677,767
Indiana.....	5,493	2,574	4,714	3,759,132	9,069,710	100,430
Illinois.....	10,311	5,410	7,113	8,031,824	13,181,350	613,917
Michigan.....	16,798	8,061	10,837	14,318,768	18,384,340	1,000,788
Wisconsin.....	12,084	2,863	3,508	5,188,117	7,343,740	434,071
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	9,420	1,873	1,302	2,730,099	2,500,020	208,772
Iowa.....	19,871	2,017	2,335	5,330,105	3,104,320	470,511
Missouri.....	13,420	9,048	7,408	15,171,034	13,018,460	1,122,784
North Dakota.....	883	883	3	60,028	4,040	1,445
South Dakota.....	1,830	220	92	238,104	65,430	26,704
Nebraska.....	3,425	592	399	654,001	408,350	65,772
Kansas.....	3,907	1,719	2,304	2,110,048	3,321,050	178,094
<b>SOUTH ATLANTIC:</b>						
Delaware.....	3,025	7,104	6,344	12,730,205	10,498,040	509,354
Maryland.....	7,408	14,292	13,080	23,611,005	24,035,040	1,070,072
District of Columbia.....	10	11	50	18,709	84,480	1,305
Virginia.....	4,051	6,000	7,821	10,761,381	12,270,300	620,040
West Virginia.....	2,408	709	700	812,049	1,008,300	74,778
North Carolina.....	5,068	5,420	5,016	10,313,361	10,074,010	712,126
South Carolina.....	1,383	815	499	1,337,208	845,095	108,038
Georgia.....	1,204	800	1,423	1,157,472	1,385,728	101,161
Florida.....	1,014	1,343	1,315	2,383,397	1,731,730	301,050
<b>EAST SOUTH CENTRAL:</b>						
Kentucky.....	3,083	1,553	4,128	2,114,020	6,707,300	159,705
Tennessee.....	6,040	10,761	11,548	12,330,584	13,083,840	835,739
Alabama.....	1,958	1,167	607	1,848,537	804,480	160,026
Mississippi.....	785	772	1,383	1,345,013	1,546,570	101,882
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	3,800	7,361	6,611	8,259,240	12,067,740	549,041
Louisiana.....	874	3,570	1,395	6,405,236	1,841,600	425,478
Oklahoma.....	1,182	825	1,620	830,404	1,070,540	71,260
Texas.....	1,423	2,101	1,361	4,207,050	2,944,220	334,661
<b>MOUNTAIN:</b>						
Montana.....	619	265	281	406,038	532,260	46,870
Idaho.....	1,005	698	239	953,723	379,630	92,004
Wyoming.....	146	24	19	20,896	10,020	3,320
Colorado.....	1,231	1,326	1,067	1,074,023	2,224,240	166,059
New Mexico.....	54	20	9	35,034	15,400	4,086
Arizona.....	68	58	60	95,247	109,550	10,775
Utah.....	1,049	719	345	1,832,706	993,190	125,854
Nevada.....	10	5	14	11,189	16,440	1,218
<b>PACIFIC:</b>						
Washington.....	4,323	3,283	1,268	7,583,774	2,577,580	520,535
Oregon.....	3,701	2,941	1,792	5,322,040	3,897,820	395,349
California.....	2,282	4,685	2,418	15,094,326	7,090,830	1,149,475

<sup>1</sup> Includes Indian Territory.

**Blackberries and dewberries.**—The acreage of blackberries and dewberries was also widely distributed through the country, the leading state being Missouri with 5,975 acres, followed by New Jersey with 4,332 acres, and Illinois with 3,503 acres. The acreage in Missouri showed an increase between 1899 and 1909, while that in Illinois and New Jersey showed decreases. Missouri and New Jersey were the two leading states in the production of these berries, as well as in the acreage, but California surpassed Illinois in production. There were 19 states in 1909 each producing more than 1,000,000 quarts of blackberries and dewberries and 15 states in which the value of these fruits exceeded \$100,000.

**Table 124**

**BLACKBERRIES AND DEWBERRIES.**

DIVISION OR STATE.	Farms reporting.	Acreage.		Production (quarts).		Value.
		1909	1909	1909	1899	1909
<b>United States.....</b>	<b>141,187</b>	<b>49,004</b>	<b>50,211</b>	<b>55,343,570</b>	<b>62,189,885</b>	<b>\$3,909,881</b>
<b>GEOGRAPHIC DIVISIONS:</b>						
New England.....	4,411	690	795	804,695	1,176,350	80,006
Middle Atlantic.....	11,927	7,518	8,697	9,029,897	9,080,480	616,473
East North Central.....	30,540	10,655	16,417	10,437,802	23,425,250	812,555
West North Central.....	48,774	11,516	8,524	12,311,030	9,301,074	970,774
South Atlantic.....	11,234	5,423	6,525	6,403,811	5,980,410	343,333
East South Central.....	13,190	3,766	1,045	3,580,336	2,103,080	210,933
West South Central.....	13,296	5,106	3,855	3,836,025	4,390,090	300,524
Mountain.....	1,461	554	388	722,167	448,760	73,640
Pacific.....	6,315	3,776	3,065	8,155,047	0,278,391	662,543
<b>NEW ENGLAND:</b>						
Maine.....	1,464	145	123	152,816	164,300	15,931
New Hampshire.....	522	67	65	75,013	105,200	7,738
Vermont.....	433	47	48	56,252	84,990	6,032
Massachusetts.....	1,363	287	305	307,887	522,860	31,454
Rhode Island.....	69	16	17	17,875	23,600	1,927
Connecticut.....	555	128	177	192,752	275,310	16,969
<b>MIDDLE ATLANTIC:</b>						
New York.....	4,882	1,951	2,060	2,509,851	3,167,090	210,986
New Jersey.....	2,153	4,332	5,254	5,456,780	3,918,320	813,480
Pennsylvania.....	4,892	1,235	1,383	1,063,257	1,905,070	91,007
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	4,207	2,425	3,397	2,465,407	4,905,430	195,294
Indiana.....	5,216	1,347	3,102	1,482,000	5,255,840	113,322
Illinois.....	14,138	3,503	5,032	2,015,473	7,294,990	237,058
Michigan.....	4,707	2,073	4,355	3,076,954	5,324,110	218,174
Wisconsin.....	2,272	407	411	408,110	644,880	43,707
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	848	145	162	139,741	192,010	16,666
Iowa.....	15,874	2,270	1,719	2,738,728	1,066,070	247,734
Missouri.....	22,071	5,978	4,441	6,391,209	5,121,860	456,233
North Dakota.....	75	2	1	3,404	880	470
South Dakota.....	112	5	5	6,058	4,880	809
Nebraska.....	1,082	428	162	501,872	157,880	45,643
Kansas.....	6,012	2,682	2,044	2,535,918	1,867,514	201,134
<b>SOUTH ATLANTIC:</b>						
Delaware.....	650	1,256	2,035	1,403,977	1,976,810	61,817
Maryland.....	979	1,180	1,501	1,372,104	1,713,680	68,517
District of Columbia.....	2	(1)	10	1,700	12,720	160
Virginia.....	1,580	344	444	273,551	532,850	48,554
West Virginia.....	8,329	1,292	367	803,498	396,850	136,609
North Carolina.....	2,655	1,233	1,073	2,464,065	1,089,290	136,609
South Carolina.....	675	38	89	64,764	50,960	3,710
Georgia.....	648	67	148	67,285	144,060	5,594
Florida.....	210	13	13	12,817	13,210	1,287
<b>EAST SOUTH CENTRAL:</b>						
Kentucky.....	8,011	2,141	1,024	2,165,547	1,968,340	137,259
Tennessee.....	3,884	1,514	733	1,316,100	836,210	65,476
Alabama.....	632	53	104	44,954	98,500	3,726
Mississippi.....	722	58	84	53,735	97,000	4,531
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	1,430	525	769	587,977	969,290	40,543
Louisiana.....	187	16	9	14,332	10,170	3,470
Oklahoma.....	6,220	1,792	1,083	1,366,497	2,714,850	119,554
Texas.....	6,450	2,773	2,394	1,868,119	2,701,750	158,537
<b>MOUNTAIN:</b>						
Montana.....	120	34	18	36,321	17,970	4,020
Idaho.....	590	170	87	249,984	117,140	24,688
Wyoming.....	9	(1)	(1)	149	480	39
Colorado.....	334	228	165	227,598	216,020	27,833
New Mexico.....	54	10	3	10,059	2,940	1,668
Arizona.....	40	16	9	13,808	8,690	1,791
Utah.....	247	65	72	184,140	80,110	13,447
Nevada.....	11	1	4	1,078	5,410	164
<b>PACIFIC:</b>						
Washington.....	1,818	769	388	2,340,779	808,340	139,094
Oregon.....	1,307	491	717	915,744	1,810,920	61,666
California.....	3,190	2,576	1,000	4,898,524	4,159,131	224,588

<sup>1</sup> Reported in small fractions.

<sup>2</sup> Includes Indian Territory.

Raspberries and loganberries.—About three-fourths of the acreage of raspberries and loganberries in 1909 was in the Middle Atlantic and the two North Central divisions, the leading states being New York, with 11,057 acres, and Michigan, with 8,786 acres, no other state showing as much as 4,000 acres. The acreage in raspberries and loganberries was smaller in 1909 than in 1899 in every division except the Mountain and the Pacific and in most of the states outside of these divisions.

the greatest production being reported for New York, 14,752,000 quarts. The production also showed decided decreases in every division and in most of the states outside of the West. The increase in California, however, was very substantial. New York, with \$1,168,000, was the only state where the value of raspberries and loganberries in 1909 was over \$1,000,000; Michigan with \$695,000 coming next.

Cranberries.—Nearly half the acreage in cranberries in 1909 was in New Jersey and more than one-third was in Massachusetts, the only other state having over 1,000 acres being Wisconsin. The acreage increased in New Jersey and Massachusetts between 1899 and 1909 and decreased decidedly in Wisconsin. The production of cranberries amounted to 22,714,000 quarts in Massachusetts, 12,072,000 in New Jersey, and 2,549,000 in Wisconsin, in 1909.

The only state in which the value of cranberries in 1909 amounted to \$1,000,000 was Massachusetts, with a crop valued at \$1,062,000. The crop in New Jersey was valued at \$504,000 and that in Wisconsin at \$127,000.

Table 125

DIVISION OR STATE.	RASPBERRIES AND LOGANBERRIES.					
	Farms report- ing.	Acreage.		Production (quarts).		Value.
	1909	1909	1899	1909	1899	1909
United States.....	116,920	48,668	60,916	60,918,196	76,628,107	\$5,132,277
<b>GEOGRAPHIC DIVISIONS:</b>						
New England.....	4,902	1,003	1,139	1,119,007	1,660,420	149,646
Middle Atlantic.....	23,627	16,395	18,554	19,802,119	25,442,790	1,618,978
East North Central.....	35,042	16,976	24,790	16,895,570	30,849,170	1,505,474
West North Central.....	27,343	5,403	7,389	5,034,788	7,883,630	607,053
South Atlantic.....	7,175	2,263	3,867	2,218,296	3,955,042	179,090
East South Central.....	2,749	833	1,288	799,212	1,306,400	73,456
West South Central.....	1,067	313	491	268,809	527,380	22,959
Mountain.....	4,989	1,820	1,307	3,194,610	1,639,055	297,722
Pacific.....	9,435	4,662	2,091	10,985,785	3,364,220	677,899
<b>NEW ENGLAND:</b>						
Maine.....	1,051	127	131	154,121	214,700	20,657
New Hampshire.....	657	85	80	86,558	124,760	11,821
Vermont.....	591	80	92	85,065	176,440	10,596
Massachusetts.....	1,506	388	413	376,136	588,010	55,757
Rhode Island.....	154	34	57	32,871	83,300	4,197
Connecticut.....	943	289	366	384,256	503,210	46,618
<b>MIDDLE ATLANTIC:</b>						
New York.....	13,187	11,057	12,376	14,751,940	17,575,530	1,168,062
New Jersey.....	1,450	1,744	2,240	2,143,877	2,506,730	178,579
Pennsylvania.....	8,900	2,594	3,938	2,906,302	5,360,530	272,337
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	6,175	3,869	6,795	4,029,480	8,745,950	364,272
Indiana.....	4,104	1,412	3,277	1,595,921	4,210,900	140,204
Illinois.....	8,156	1,945	2,909	1,834,337	3,468,000	191,401
Michigan.....	11,075	8,786	10,193	8,381,943	12,119,400	695,019
Wisconsin.....	6,132	964	1,616	1,063,880	2,314,920	114,578
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	4,890	1,388	1,115	1,340,469	1,252,930	178,689
Iowa.....	12,574	1,373	3,394	1,728,547	3,604,210	191,037
Missouri.....	5,631	1,331	1,660	1,563,527	1,940,850	133,196
North Dakota.....	923	85	12	60,742	13,700	9,141
South Dakota.....	519	66	21	60,285	19,030	8,703
Nebraska.....	1,128	247	230	265,183	282,580	28,841
Kansas.....	1,678	713	957	616,035	820,330	56,446
<b>SOUTH ATLANTIC:</b>						
Delaware.....	237	223	1,280	275,871	1,147,120	17,519
Maryland.....	1,333	846	1,385	959,369	1,450,250	67,356
District of Columbia.....	2	(1)	12	700	15,582	60
Virginia.....	1,121	276	365	257,322	424,110	24,853
West Virginia.....	3,905	847	704	648,174	788,360	60,749
North Carolina.....	331	40	69	37,704	78,050	3,388
South Carolina.....	79	2	4	4,955	4,150	477
Georgia.....	159	29	43	33,928	41,750	4,063
Florida.....	8	(1)	5	213	5,670	25
<b>EAST SOUTH CENTRAL:</b>						
Kentucky.....	1,650	504	755	558,529	787,820	50,472
Tennessee.....	830	253	471	222,331	448,170	20,931
Alabama.....	169	11	13	10,546	14,390	1,380
Mississippi.....	109	5	49	7,806	56,020	673
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	449	123	345	96,414	348,450	9,766
Louisiana.....	7	(1)	(1)	639	110	40
Oklahoma.....	387	85	243	74,104	255,180	6,851
Texas.....	224	104	103	97,652	123,640	6,302
<b>MOUNTAIN:</b>						
Montana.....	361	113	80	165,473	110,795	19,732
Idaho.....	2,086	496	230	575,209	257,960	59,854
Wyoming.....	80	14	6	15,213	5,220	2,910
Colorado.....	-1,071	801	689	1,060,785	817,450	156,668
New Mexico.....	50	12	9	10,222	8,930	1,581
Arizona.....	17	1	2	1,550	1,480	250
Utah.....	1,291	374	284	758,317	426,000	54,826
Nevada.....	33	9	7	17,841	11,220	1,901
<b>PACIFIC:</b>						
Washington.....	3,617	1,210	625	3,118,720	1,134,970	223,001
Oregon.....	3,294	1,460	479	2,644,945	783,060	150,729
California.....	2,524	1,992	987	5,222,117	1,446,190	304,169

<sup>1</sup> Reported in small fractions.

<sup>2</sup> Includes Indian Territory.

There were 15 states in 1909 each producing more than 1,000,000 quarts of raspberries and loganberries,

Table 126

DIVISION OR STATE.	CRANBERRIES.					
	Farms report- ing.	Acreage.		Production (quarts).		Value.
	1909	1909	1899	1909	1899	1909
United States.....	3,810	18,431	20,364	33,243,060	31,690,512	\$1,755,613
<b>GEOGRAPHIC DIVISIONS:</b>						
New England.....	2,385	7,011	5,816	21,026,206	19,677,218	1,085,247
Middle Atlantic.....	557	9,311	8,469	12,495,386	8,033,126	535,272
East North Central.....	514	1,808	6,042	2,780,106	3,820,640	136,302
West North Central.....	407	69	26	30,464	40,329	2,732
South Atlantic.....	7	40	.....	19,136	.....	1,067
East South Central.....	1	(1)	.....	66	.....	10
West South Central.....	4	(1)	.....	288	.....	26
Mountain.....	2	(1)	.....	128	.....	14
Pacific.....	33	72	11	61,248	27,200	4,923
<b>NEW ENGLAND:</b>						
Maine.....	536	151	90	100,192	49,728	7,957
New Hampshire.....	233	109	23	30,304	31,136	2,686
Vermont.....	29	1	.....	1,120	.....	110
Massachusetts.....	1,350	6,577	5,125	22,714,496	19,164,992	1,062,205
Rhode Island.....	127	70	300	34,688	209,888	2,734
Connecticut.....	195	123	275	145,408	221,472	9,555
<b>MIDDLE ATLANTIC:</b>						
New York.....	88	277	113	327,370	348,064	29,743
New Jersey.....	414	9,030	8,356	12,072,288	7,687,072	504,026
Pennsylvania.....	53	4	.....	5,728	.....	503
<b>EAST NORTH CENTRAL:</b>						
Ohio.....	.....	3	.....	4,256	.....	352
Indiana.....	3	4	70	7,552	139,520	498
Illinois.....	166	10	1	13,418	14,696	1,248
Michigan.....	91	202	150	125,536	124,288	6,992
Wisconsin.....	229	1,689	5,821	2,549,344	3,555,136	127,212
<b>WEST NORTH CENTRAL:</b>						
Minnesota.....	264	61	22	22,112	35,840	1,981
Iowa.....	4	(1)	1	.....	1,952	3
Missouri.....	103	8	.....	6,944	.....	618
North Dakota.....	29	(1)	(1)	1,120	32	125
South Dakota.....	7	(1)	1	288	704	25
Nebraska.....	.....	.....	1	.....	640	.....
Kansas.....	.....	.....	1	.....	1,152	.....
<b>SOUTH ATLANTIC:</b>						
Virginia.....	2	40	.....	18,112	.....	1,050
North Carolina.....	5	(1)	.....	1,024	.....	17
<b>EAST SOUTH CENTRAL:</b>						
Alabama.....	1	(1)	.....	96	.....	10
<b>WEST SOUTH CENTRAL:</b>						
Arkansas.....	4	(1)	.....	288	.....	26
<b>MOUNTAIN:</b>						
Montana.....	1	(1)	.....	32	.....	4
New Mexico.....	1	(1)	.....	96	.....	10
<b>PACIFIC:</b>						
Washington.....	4	5	5	9,728	4,416	953
Oregon.....	17	14	6	40,564	22,784	3,327
California.....	12	53	.....	10,656	.....	443

<sup>1</sup> Reported in small fractions.

**Currants.**—The acreage of currants was largely concentrated in the Middle Atlantic and East North Central divisions, the only state reporting more than 1,000 acres being New York, with 2,557 acres. The acreage of currants was smaller in 1909 than in 1899 in most of the states, the largest decreases being in Michigan and Iowa. The production of currants in New York in 1909 was 3,982,000 quarts, no other state producing as much as 1,000,000 quarts. The production showed a decrease between 1899 and 1909 in every division except the West South Central and in most of the states. The value of the currant crop of 1909 was \$319,000 in the Middle Atlantic division and \$168,000 in the East North Central.

**Gooseberries and other berries.**—The acreage of gooseberries was largely concentrated in the East North Central, West North Central, Middle Atlantic, and Mountain divisions, the leading states being Illinois and Missouri. The production of gooseberries in 1909 exceeded 100,000 quarts in each of the Middle Atlantic and East North Central states, and in Iowa, Missouri, Kansas, Maryland, Kentucky, Idaho, Colorado, Utah, and the three Pacific Coast states. The value of gooseberries in 1909 was highest in Illinois, \$44,238; the production in Missouri was valued at \$39,941.

The total acreage in 1909 of miscellaneous berries not enumerated above was 685, the production was 628,000 quarts and the value, \$55,369.

Table 127

DIVISION OR STATE.	CURRANTS.						
	Farms reporting.	Acreage.			Production (quarts).		Value.
		1909	1900	1899	1909	1899	
<b>United States.....</b>	<b>62,093</b>	<b>7,862</b>	<b>12,865</b>	<b>10,448,532</b>	<b>18,592,695</b>	<b>\$790,431</b>	
<b>GEOGRAPHIC DIVISIONS:</b>							
New England.....	5,142	480	470	483,201	677,220	45,781	
Middle Atlantic.....	13,280	3,230	3,468	4,637,483	5,880,600	318,993	
East North Central.....	10,497	1,683	4,035	2,086,723	6,914,205	167,959	
West North Central.....	17,955	934	1,839	900,002	2,127,910	88,174	
South Atlantic.....	1,413	80	207	89,995	215,890	8,307	
East South Central.....	373	16	32	19,795	37,450	1,800	
West South Central.....	319	40	20	39,098	22,550	4,445	
Mountain.....	4,586	752	757	1,028,078	1,031,000	85,488	
Pacific.....	2,528	623	1,131	1,164,097	1,685,000	69,478	
<b>NEW ENGLAND:</b>							
Maine.....	1,076	80	31	70,031	37,080	6,086	
New Hampshire.....	838	42	24	43,310	34,000	4,587	
Vermont.....	922	58	30	58,533	50,400	5,084	
Massachusetts.....	1,636	243	100	213,810	255,580	19,004	
Rhode Island.....	130	12	20	17,110	14,020	1,504	
Connecticut.....	870	54	175	74,488	245,900	7,053	
<b>MIDDLE ATLANTIC:</b>							
New York.....	7,528	2,557	2,594	3,982,380	4,584,080	204,051	
New Jersey.....	377	124	168	161,223	204,740	12,701	
Pennsylvania.....	5,375	558	716	493,871	1,031,870	42,181	
<b>EAST NORTH CENTRAL:</b>							
Ohio.....	2,861	359	705	400,575	1,153,920	30,820	
Indiana.....	2,690	165	577	208,040	1,044,025	16,601	
Illinois.....	3,635	252	640	205,858	842,000	21,803	
Michigan.....	3,458	609	2,286	768,250	2,721,070	53,288	
Wisconsin.....	3,853	298	607	383,982	1,153,100	31,078	
<b>WEST NORTH CENTRAL:</b>							
Minnesota.....	3,053	200	250	182,825	311,950	10,783	
Iowa.....	0,000	253	1,017	317,037	1,226,500	27,315	
Missouri.....	1,672	92	194	91,207	223,730	8,312	
North Dakota.....	2,378	138	36	67,598	35,440	12,128	
South Dakota.....	1,448	67	38	52,951	37,140	6,021	
Nebraska.....	1,000	80	161	90,779	162,880	8,502	
Kansas.....	820	98	134	67,005	130,210	6,023	
<b>SOUTH ATLANTIC:</b>							
Delaware.....	23	3	12	2,973	12,000	204	
Maryland.....	360	36	65	34,000	63,460	3,138	
District of Columbia.....	3	1	6	2,000	5,040	200	
Virginia.....	205	5	30	8,127	42,060	791	
West Virginia.....	658	30	50	34,000	51,340	3,153	
North Carolina.....	80	3	28	5,382	32,300	400	
South Carolina.....	30	1	2	999	2,200	102	
Georgia.....	36	1	6	2,320	6,740	214	
Florida.....	3	( <sup>1</sup> )		146		15	
<b>EAST SOUTH CENTRAL:</b>							
Kentucky.....	205	14	15	15,150	19,370	1,420	
Tennessee.....	52	2	12	3,726	13,100	261	
Alabama.....	15	( <sup>1</sup> )	2	548	2,060	64	
Mississippi.....	11	( <sup>1</sup> )	3	362	2,830	52	
<b>WEST SOUTH CENTRAL:</b>							
Arkansas.....	58	4	5	3,201	6,090	300	
Louisiana.....		( <sup>1</sup> )		50			
Oklahoma.....	212	36	11	31,024	10,140	3,559	
Texas.....	40	0	4	4,873	5,370	496	
<b>MOUNTAIN:</b>							
Montana.....	654	115	120	123,031	252,800	12,195	
Idaho.....	1,374	107	181	161,230	218,680	13,700	
Wyoming.....	303	41	8	38,833	7,030	4,378	
Colorado.....	1,049	282	220	493,726	204,480	30,935	
New Mexico.....	74	7	10	5,523	14,340	591	
Arizona.....	10	1	2	1,010	3,280	111	
Utah.....	1,043	128	194	195,901	304,850	13,435	
Nevada.....	79	11	16	8,824	25,070	1,083	
<b>PACIFIC:</b>							
Washington.....	1,287	127	238	104,367	410,170	16,518	
Oregon.....	877	89	169	117,374	233,420	9,452	
California.....	364	407	724	852,378	1,031,100	43,608	

<sup>1</sup> Reported in small fractions.

\* Includes Indian Territory.

Table 128

DIVISION OR STATE.	GOOSEBERRIES.						
	Farms reporting.	Acreage.			Production (quarts).		Value.
		1909	1900	1899	1909	1899	
<b>United States.....</b>	<b>58,567</b>	<b>4,765</b>	<b>6,752</b>	<b>5,282,843</b>	<b>9,320,530</b>	<b>\$417,034</b>	
<b>GEOGRAPHIC DIVISIONS:</b>							
New England.....	1,710	120	70	154,233	100,490	14,029	
Middle Atlantic.....	4,043	553	550	661,576	795,840	48,645	
East North Central.....	17,005	1,482	2,383	1,029,689	3,554,280	126,007	
West North Central.....	24,552	1,232	2,050	1,085,304	2,470,510	100,581	
South Atlantic.....	1,579	310	111	379,439	539,250	24,797	
East South Central.....	1,520	126	216	134,815	267,600	10,071	
West South Central.....	550	35	40	31,486	54,030	2,878	
Mountain.....	3,895	624	458	610,323	650,420	47,762	
Pacific.....	3,007	374	547	505,778	879,020	42,264	
<b>NEW ENGLAND:</b>							
Maine.....	824	50	30	65,867	41,230	5,881	
New Hampshire.....	139	5	4	5,841	3,540	683	
Vermont.....	244	0	3	7,424	4,500	728	
Massachusetts.....	330	42	30	57,827	46,390	5,007	
Rhode Island.....	43	8	5	8,251	5,820	852	
Connecticut.....	130	9	7	9,023	8,010	878	
<b>MIDDLE ATLANTIC:</b>							
New York.....	1,606	259	190	331,135	304,750	23,427	
New Jersey.....	348	155	102	121,337	124,160	16,171	
Pennsylvania.....	1,909	130	267	109,104	366,930	9,047	
<b>EAST NORTH CENTRAL:</b>							
Ohio.....	2,208	226	530	255,840	767,700	18,404	
Indiana.....	4,088	274	617	320,963	1,077,840	25,682	
Illinois.....	8,131	603	401	541,498	770,730	44,238	
Michigan.....	1,637	207	559	403,680	673,360	28,932	
Wisconsin.....	1,811	82	177	107,708	265,590	8,761	
<b>WEST NORTH CENTRAL:</b>							
Minnesota.....	1,807	71	112	60,661	128,250	6,412	
Iowa.....	6,382	189	777	323,544	755,890	21,251	
Missouri.....	0,091	555	731	470,029	865,870	39,941	
North Dakota.....	1,857	86	10	56,804	11,690	7,332	
South Dakota.....	1,271	55	25	43,408	29,270	4,926	
Nebraska.....	2,616	88	102	82,086	189,680	8,259	
Kansas.....	1,028	188	212	138,772	269,800	12,460	
<b>SOUTH ATLANTIC:</b>							
Delaware.....	30	11	24	12,123	31,750	968	
Maryland.....	365	241	234	300,321	332,140	18,000	
District of Columbia.....	1	( <sup>1</sup> )	1	1,000	1,000	60	
Virginia.....	20	22	06	23,447	75,140	1,969	
West Virginia.....	784	30	59	35,632	66,400	3,233	
North Carolina.....	127	5	25	5,831	30,340	536	
South Carolina.....	5	( <sup>1</sup> )	( <sup>1</sup> )	1,182	420	27	
Georgia.....	19	1	2	1,102	1,900	119	
Florida.....			( <sup>1</sup> )	70			
<b>EAST SOUTH CENTRAL:</b>							
Kentucky.....	1,336	115	90	118,338	114,590	8,661	
Tennessee.....	141	0	114	13,740	150,620	1,205	
Alabama.....	40	1	2	2,452	1,890	177	
Mississippi.....	3	1	1	285	590	28	
<b>WEST SOUTH CENTRAL:</b>							
Arkansas.....	394	10	29	18,168	43,970	1,530	
Louisiana.....		( <sup>1</sup> )		50		223	
Oklahoma.....	151	7	10	8,276	9,250	325	
Texas.....	11	9	1	5,042	760		
<b>MOUNTAIN:</b>							
Montana.....	350	35	51	35,806	115,390	3,765	
Idaho.....	1,300	142	150	130,987	197,540	10,317	
Wyoming.....	234	27	3	21,513	3,680	2,819	
Colorado.....	842	192	122	247,056	133,750	18,341	
New Mexico.....	125	17	12	14,800	11,680	1,848	
Arizona.....	4	( <sup>1</sup> )	2	575	1,230	90	
Utah.....	851	100	110	147,241	173,490	9,765	
Nevada.....	90	11	8	11,355	13,690	1,317	
<b>PACIFIC:</b>							
Washington.....	1,199	114	211	143,264	350,570	12,285	
Oregon.....	1,405	186	203	307,395	320,780	20,893	
California.....	343	74	133	145,119	195,670	9,066	

<sup>1</sup> Reported in small fractions.

\* Includes Indian Territory.

Table 129

DIVISION OR STATE.	MISCELLANEOUS BERRIES.				DIVISION OR STATE.	MISCELLANEOUS BERRIES.			
	Farms report- ing.	Acre- age.	Produc- tion (quarts).	Value.		Farms report- ing.	Acreage.	Produc- tion (quarts).	Value.
	1909	1909	1909	1909		1909	1909	1909	1909
United States.....	609	685	627,627	\$55,369					
<b>GEOGRAPHIC DIVISIONS:</b>					<b>SOUTH ATLANTIC:</b>				
New England.....	309	3	301,843	25,498	Delaware.....				
Middle Atlantic.....	22	25	17,162	1,603	Maryland.....	1	( <sup>1</sup> )	96	
East North Central.....	185	649	297,112	26,047	District of Columbia.....				
West North Central.....	62	( <sup>1</sup> )	4,507	508	Virginia.....	2	2	1,040	
South Atlantic.....	6	7	4,384	344	West Virginia.....	2	5	3,200	
East South Central.....	4	( <sup>1</sup> )	372	29	North Carolina.....				
West South Central.....	6	( <sup>1</sup> )	346	34	South Carolina.....				
Mountain.....	8	( <sup>1</sup> )	456	51	Georgia.....	1	( <sup>1</sup> )	48	
Pacific.....	7	1	1,445	357	Florida.....				
<b>NEW ENGLAND:</b>					<b>EAST SOUTH CENTRAL:</b>				
Maine.....	103	( <sup>1</sup> )	109,138	6,865	Kentucky.....	1	( <sup>1</sup> )	200	
New Hampshire.....	130	( <sup>1</sup> )	118,252	11,243	Tennessee.....	1	( <sup>1</sup> )	12	
Vermont.....	3	1	1,908	190	Alabama.....	1	( <sup>1</sup> )	60	
Massachusetts.....	61	( <sup>1</sup> )	71,020	7,025	Mississippi.....	1	( <sup>1</sup> )	100	
Rhode Island.....	2	1	225	47	<b>WEST SOUTH CENTRAL:</b>				
Connecticut.....	4	1	1,300	128	Arkansas.....	4	( <sup>1</sup> )	284	
<b>MIDDLE ATLANTIC:</b>					Louisiana.....				
New York.....	9	13	9,281	816	Oklahoma.....	2	( <sup>1</sup> )	62	
New Jersey.....					Texas.....				
Pennsylvania.....	13	12	7,881	787	<b>MOUNTAIN:</b>				
<b>EAST NORTH CENTRAL:</b>					Montana.....				
Ohio.....	2	3	4,400	425	Idaho.....	1	( <sup>1</sup> )	8	
Indiana.....	38	143	50,305	5,688	Wyoming.....	3	( <sup>1</sup> )	280	
Illinois.....	1	( <sup>1</sup> )	288	22	Colorado.....				
Michigan.....	141	501	240,519	20,672	New Mexico.....	4	( <sup>1</sup> )	168	
Wisconsin.....	3	2	1,620	140	Arizona.....				
<b>WEST NORTH CENTRAL:</b>					Utah.....				
Minnesota.....	6	( <sup>1</sup> )	668	73	Nevada.....				
Iowa.....	5	( <sup>1</sup> )	491	43	<b>PACIFIC:</b>				
Missouri.....	39	( <sup>1</sup> )	2,271	275	Washington.....	3	( <sup>1</sup> )	300	
North Dakota.....					Oregon.....	2	1	145	
South Dakota.....	3	( <sup>1</sup> )	141	15	California.....	1	( <sup>1</sup> )	1,000	
Nebraska.....	6	( <sup>1</sup> )	440	57					
Kansas.....	3	( <sup>1</sup> )	496	43					

<sup>1</sup> Reported in small fractions.

ORCHARD FRUITS.

Neither in 1910 nor in 1900 did the census schedules call for the acreage of orchard fruits, but at both censuses the number of trees of bearing age was called for, and at the later census also the number not of bearing age. In the report for the census of 1900, however, the belief was expressed that some trees not of bearing age were reported by the enumerators as of bearing age. This doubtless accounts wholly or in part for the decrease in the reported number of trees of bearing age for all classes of orchard fruits combined,

from 369,377,000 in 1900 to 301,117,000 in 1910. In view of the fact that the available figures are not strictly comparable it has been thought best to make no comparisons of the number of trees between the two census years.

The United States as a whole.—Table 130 presents statistics for orchard fruits for the United States as a whole. Tables 131 to 139, inclusive, show, by divisions and states, the statistics for orchard fruits combined and for the several individual fruits.

Table 130

CROP.	ORCHARD FRUITS.						
	Trees of bearing age: 1910	Trees not of bearing age: 1910	Production (bushels).				Value: 1909
			1909	1899	Increase. <sup>1</sup>		
					Amount.	Per cent.	
<b>Orchard fruits.....</b>	<b>301,117,277</b>	<b>130,973,852</b>	<b>214,683,695</b>	<b>212,365,600</b>	<b>2,318,095</b>	<b>1.1</b>	<b>\$140,367,347</b>
Apples.....	151,322,840	65,791,848	146,122,818	175,397,600	-29,275,282	-16.7	83,231,492
Peaches and nectarines.....	94,606,657	42,266,243	35,470,274	15,432,603	20,037,673	129.8	28,781,078
Pears.....	15,171,524	8,803,885	8,840,735	6,625,417	2,215,316	33.4	7,910,600
Plums and prunes.....	23,445,009	6,923,581	15,480,170	8,764,032	6,716,138	76.6	10,299,495
Cherries.....	11,822,044	5,621,660	4,126,099	2,873,499	1,252,600	43.6	7,231,160
Apricots.....	3,669,714	956,202	4,150,263	2,642,128	1,508,135	57.1	2,884,119
Quinces.....	1,154,889	594,801	428,672	(?)			517,243
All other.....	25,090	15,132	65,164	1,630,321			12,160

<sup>1</sup> A minus sign (—) denotes decrease.

<sup>2</sup> Not reported separately.

<sup>3</sup> Includes quinces.

The number of orchard trees of bearing age in 1910 was 301,117,000, and the number of trees not of bearing age was 130,973,000. The production of orchard fruits amounted to 214,684,000 bushels in 1909, as

compared with 212,366,000 bushels in 1899, the increase for the decade being 2,318,000, or 1.1 per cent. The small increase was due to the fact that there was a decided decrease in the most important orchard

fruit, apples, which was only a little more than offset by increases in the production of every other kind of orchard fruit. The value of orchard fruits in 1909 was \$140,867,000, as compared with \$83,751,000 in 1899, showing an increase of \$57,116,000, or 68.2 per cent. The value for 1899, moreover, included the value of some products—vinegar, cider, and the like—derived from orchard fruits, while that for 1909 did not include such products.

Of the total production of orchard fruits, 146,122,000 bushels, or somewhat more than two-thirds, consisted of apples, 35,470,000 bushels were peaches and nectarines, and 15,480,000 were plums and prunes, no other kind of orchard fruit having a production of as much as 10,000,000 bushels. The value of apples in 1909 was \$83,231,000, that of peaches \$28,781,000, and that of prunes and plums \$10,299,000, no other orchard fruit crop having a value as great as \$10,000,000. The value of the different kinds of orchard fruits was not reported separately in 1899.

Definite conclusions as to the relative importance of different states can not always be drawn from the number of trees of bearing age, since the trees in some states are much more prolific than in others, nor does the production of any given year furnish an altogether satisfactory index, since weather and other temporary conditions may be favorable in one part of the country and unfavorable in another.

The production of orchard fruits in 1909 was widely distributed through the country, the leading division being the Middle Atlantic, with 45,115,000 bushels, followed by the Pacific, with 38,769,000. California, with a production of 30,102,000 bushels, was the

most important state; followed by New York, with 29,456,000 bushels; Michigan, with 15,220,000; Pennsylvania, with 13,286,000; and Missouri, with 11,957,000. The production of orchard fruits increased decidedly between 1899 and 1909 in the Pacific, West North Central, East South Central, and Mountain divisions, the increase in each of these divisions amounting to over 5,000,000 bushels, while it decreased 16,752,000 bushels in the East North Central and 12,463,000 bushels in the Middle Atlantic divisions. The relative increase was highest in the Mountain division. All of the leading states of 1909 except Pennsylvania showed increases between 1899 and 1909, but Ohio and Virginia, which were among the leading states in 1899, showed decided decreases. The absolute increase in the production of orchard fruits was greatest in California (7,411,000 bushels), while Michigan ranked second with 5,360,000 bushels and a relative increase of 54.4 per cent. The greatest value of the orchard fruit crop was reported for California (\$18,359,000) in 1909, the next highest shown being for New York (\$17,989,000); no other state reporting as much as \$10,000,000; 27 other states reported orchard fruits valued at over \$1,000,000 each—the value in Michigan being \$9,021,000 and in Pennsylvania \$8,678,000. The value of orchard fruits increased between 1899 and 1909 in nearly every state, the most conspicuous decrease being that in Kansas, with only 4 other states reporting decreases. The greatest absolute increase in the value of orchard fruits for any state amounted to \$7,447,000 and was reported for New York, the next highest, \$5,345,000, being that shown for Michigan.