

## CHAPTER X.

### AGRICULTURAL STATISTICS, BY COUNTIES.

At the Thirteenth Census all of the important facts relating to the status of agriculture on April 15, 1910, and to agricultural products for the year 1909, were published for the various counties of the respective states in two series of state bulletins. The first series was issued as rapidly as possible after the enumeration had been completed and contained only a part of the results, much being left for inclusion in the second series. The second series contained all of the information found in the first series, and in addition thereto all other data which were tabulated after the first bulletin of the first series was issued. The first series of bulletins, being preliminary, was not bound, and did not form any part of the permanent reports of the Thirteenth Census. The second series of bulletins has been bound in two volumes, which constitute Volumes VI and VII of the Thirteenth Decennial Census. The second series of bulletins was also reprinted in the form of state supplements in the Abstract of the Thirteenth Census.

This method of presentation, which brings together in one place all the details relating to every county in a given state, was believed to be best adapted to the needs of most people, who are interested primarily in the statistics for the county or state in which they live. The arrangement of data was entirely different from that at earlier censuses, which presented statistics according to subject, rather than according to locality. Information at hand shows that the presentation in the bulletins such as those which were issued at the Thirteenth Census more nearly supplied the demands than any other method which has been attempted in the past. On the other hand, to meet the needs of those people whose interest in county statistics may be general, centering about the subject rather than any one locality, the following table has been prepared covering the entire United States for some of the more important items selected from the great body of data published in the state bulletins. Only those items which stand out prominently as being of primary significance in all counties in the United States have been presented in this form, inasmuch as all of the information contained in the table will also be found presented in another way in Volumes VI and VII above referred to.

The table shows the total land area of each county, together with the total acreage of land in farms, the improved acreage, and the total value of farm prop-

erty. It was not thought necessary to present in this way the acreage of unimproved land or the acreage of woodland, nor indeed the value of the different classes of farm property. The table shows, however, the value of all farm crops and the value of each of the more important crops or classes of crops. It also shows the value of live stock products and of each of the four main classes of such products. In addition two columns are carried showing the receipts from sale of animals by farmers, and the value of all animals slaughtered on farms.

No attempt has been made at the census of 1910 to compute or even to estimate approximately the total value of farm products either by counties, for the states, or for the United States. Among the numerous difficulties which stand in the way of obtaining a total which would be at once comprehensive, free from duplication, and confined exclusively to the products of a definite period of time, are the following:

(1) The duplication resulting from the feeding of farm crops to farm live stock when the value both of the products derived from such live stock and of the crops are included in the same total. In 1900 an attempt was made to eliminate this duplication by means of an inquiry as to the total of the products of each farm fed to the live stock on that farm, but, aside from the fact that this would not eliminate the duplication where the products of one farm are fed to the live stock of another farm, it is believed that the farmers were unable to make even approximately accurate answers to the inquiry, and it was accordingly not included in the schedule for 1910.

(2) The fact that farmers may buy domestic animals during the census year which are subsequently sold or slaughtered during the same year and that it is impossible to eliminate the duplication accurately, and the further fact that the value of domestic animals sold or slaughtered or of forest products cut during a given year (as well as some other minor items) does not usually represent a value created wholly during that year, and that it is quite impossible to ascertain the value created during the year.

(3) The fact that the returns for some products are incomplete. The returns for all products are to a considerable extent estimates made by the farmers. Special difficulty was encountered in cases where the person in possession of the farm in April, 1910, when the census was taken, was not in possession of it during the crop year 1909. In such cases the farmer was not always able to report completely and accurately the products of the land for the preceding year. It is probable that the returns for the principal crops are in general fairly accurate, but that those for minor crops and for dairy and poultry products are frequently understated, particularly because the home consumption was disregarded or underestimated. In the belief that no accurate result could be obtained from such an inquiry, the Bureau of the Census did not even attempt to ascertain the total quantity and value of certain by-products, such as straw and cornstalks, which are of considerable importance, the schedule calling only for the value of such by-products sold.

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF NEW ENGLAND.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>MAINE.</b>										
1 The state	10,132,800	6,296,859	2,360,657	\$109,271,998	\$39,317,647	\$3,100,902	\$434,834	\$91,554	\$2,293,947	
2 Androscoggin	293,760	250,760	103,000	9,214,608	1,841,232	65,890	20,053	94	35,005	
3 Arrostook	4,129,920	864,450	443,007	44,220,004	10,150,055	1,617,614	24,970	81,880	1,364,425	
4 Cumberland	645,920	387,734	181,523	17,520,108	2,652,424	78,293	30,306	286	35,009	
5 Frankla	1,144,000	341,301	100,323	6,947,540	1,482,007	64,053	20,273	48	30,383	
6 Hancock	974,080	303,469	65,030	7,393,374	1,184,800	27,305	1,884	172	25,580	
7 Kennebec	562,500	407,049	198,385	10,130,345	2,780,031	181,385	58,945	1,060	111,529	
8 Knox	224,640	157,715	51,719	5,623,880	903,701	10,894	6,052	175	9,887	
9 Lincoln	292,480	222,624	75,023	5,809,404	990,097	33,534	9,312	163	19,584	
10 Oxford	1,267,200	538,225	155,340	11,900,080	2,376,112	98,342	66,760	114	29,897	
11 Penobscot	2,085,120	679,633	277,217	19,573,364	4,263,167	335,788	28,486	4,223	258,734	
12 Piscataquis	2,412,800	255,541	81,218	5,866,516	1,430,268	100,275	9,732	961	81,223	
13 Sagadahoc	160,000	118,024	53,010	3,680,740	681,407	30,595	6,800	253	20,999	
14 Somerset	2,325,120	595,757	244,329	13,471,848	2,602,180	218,814	44,340	815	151,721	
15 Waldo	463,360	375,813	143,837	8,828,795	2,145,403	118,194	20,303	793	88,728	
16 Washington	1,617,020	317,146	67,114	6,018,507	1,160,505	37,327	408	418	81,486	
17 York	632,960	413,238	140,368	10,948,877	2,355,032	73,194	59,064	80	11,885	
<b>NEW HAMPSHIRE.</b>										
1 The state	5,779,840	3,249,458	929,185	\$103,704,196	\$15,976,175	\$879,631	\$621,306	\$1,496	\$214,938	
2 Belknap	254,080	203,567	51,618	6,566,137	880,681	43,521	32,739	108	9,221	
3 Carroll	611,200	280,162	70,650	7,529,200	1,140,872	34,535	32,066	30	2,242	
4 Cheshire	465,920	323,737	70,894	10,100,524	1,381,027	109,122	85,939	77	21,317	
5 Coos	1,180,720	273,670	93,201	7,445,874	1,320,701	78,031	4,584	379	59,847	
6 Grafton	1,106,560	560,820	171,900	14,148,797	2,463,228	180,891	80,651	377	75,876	
7 Hillsborough	572,800	389,447	117,447	14,858,161	2,155,815	92,013	36,800	109	4,517	
8 Merrimack	506,480	443,708	123,636	13,790,040	2,004,120	119,748	106,386	170	11,273	
9 Rockingham	442,240	325,742	113,573	10,559,800	2,372,638	95,795	88,732	20	4,023	
10 Strafford	242,560	172,720	53,898	5,973,700	1,023,700	37,750	35,222	48	1,320	
11 Sullivan	337,280	278,885	62,266	6,731,708	1,138,880	100,425	68,687	82	27,302	
<b>VERMONT.</b>										
1 The state	5,839,360	4,663,577	1,633,965	\$145,399,728	\$27,446,836	\$2,651,877	\$1,102,222	\$14,279	\$1,169,223	
2 Addison	493,840	440,621	228,105	10,154,980	2,377,067	401,188	101,788	7,193	216,470	
3 Bennington	260,800	200,820	91,648	8,117,299	1,320,399	191,089	80,587	207	89,520	
4 Caledonia	305,520	273,940	132,708	10,862,819	2,040,797	132,207	24,897	886	80,516	
5 Chittenden	347,520	297,670	128,749	13,504,440	2,197,727	256,182	104,391	491	118,741	
6 Essex	408,320	143,791	30,642	2,837,608	646,870	40,757	4,697	118	28,588	
7 Franklin	417,280	361,777	148,223	14,050,058	2,621,884	241,875	56,699	987	144,758	
8 Grand Isle	53,120	36,298	3,367,541	3,367,541	446,752	83,701	14,953	791	47,097	
9 Lamoille	279,040	213,218	74,379	5,961,723	1,463,460	79,873	34,609	116	33,188	
10 Orange	432,640	405,134	111,083	9,615,087	2,236,752	211,068	109,025	246	68,240	
11 Orleans	440,320	377,309	130,774	11,810,118	2,576,098	117,856	10,467	1,021	76,564	
12 Rutland	583,040	442,549	153,738	13,580,680	2,532,120	281,000	161,344	372	98,333	
13 Washington	460,160	369,640	112,427	11,140,533	2,319,850	163,503	74,588	788	67,193	
14 Windham	508,800	389,409	93,232	9,218,714	1,846,340	165,075	133,727	592	25,809	
15 Windsor	606,720	538,012	152,007	14,194,478	2,823,702	280,317	190,570	537	75,546	
<b>MASSACHUSETTS.</b>										
1 The state	5,144,960	2,875,941	1,164,501	\$226,474,025	\$31,948,095	\$1,617,131	\$1,372,144	\$2,515	\$157,381	
2 Barnstable	261,760	49,798	17,379	4,475,052	672,183	10,370	9,813	44	209	
3 Berkshire	618,240	388,353	169,703	10,314,342	2,221,180	240,208	116,601	803	96,405	
4 Bristol	862,880	190,285	76,706	17,394,054	2,308,535	132,856	121,214	358	6,930	
5 Dukes	68,480	19,209	4,981	682,117	64,208	6,530	5,433	20	720	
6 Essex	318,080	171,893	82,007	24,078,227	2,796,491	70,371	66,129	.....	2,633	
7 Franklin	446,080	314,700	92,591	12,170,694	2,784,078	210,988	107,536	268	8,060	
8 Hampden	407,040	263,398	100,431	14,515,476	2,342,710	183,476	101,140	194	7,451	
9 Hampshire	374,400	276,054	103,271	13,054,140	2,837,923	255,620	242,252	45	4,235	
10 Middlesex	532,480	349,634	132,880	42,459,401	6,472,399	158,712	140,409	206	5,408	
11 Nantucket	32,640	3,109	1,250	119,851	22,001	1,449	1,242	.....	180	
12 Norfolk	262,400	104,042	45,000	18,523,980	1,514,821	30,252	27,781	171	1,041	
13 Plymouth	432,000	186,915	50,196	15,245,614	2,000,624	48,326	45,364	119	1,097	
14 Suffolk	32,640	3,435	2,606	5,013,132	306,392	715	630	.....	175	
15 Worcester	995,840	615,116	244,330	37,946,130	5,474,050	267,215	236,634	292	22,547	

# STATISTICS, BY COUNTIES.

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## FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES.

### NEW ENGLAND.

VALUE: 1909—continued.											Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.							
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			

#### MAINE.

1	\$15,115,821	\$12,377,717	\$2,448,240	\$6,274,967	\$10	\$13,235,413	\$8,079,692	\$4,881,260	\$20,686	\$253,775	\$6,531,033	\$1,886,898
2	881,200	302,012	236,061	356,009	.....	901,060	640,803	256,676	392	3,759	393,765	99,187
3	1,980,599	5,847,442	78,544	626,756	.....	738,950	439,658	254,454	7,549	37,289	581,729	256,879
4	1,345,629	564,825	195,429	408,248	.....	1,580,422	913,177	669,334	1,086	2,825	596,231	194,514
5	698,216	191,213	244,696	283,524	.....	474,700	329,548	125,381	542	19,229	499,332	113,423
6	511,584	255,904	73,708	316,299	.....	558,696	294,224	254,076	588	9,806	116,473	73,761
7	1,290,743	569,054	296,461	461,988	5	1,314,189	883,977	399,010	1,827	49,385	738,480	143,737
8	466,447	154,476	111,597	151,287	.....	559,781	288,698	263,432	611	7,040	199,765	41,662
9	468,059	153,441	72,502	271,561	.....	544,190	224,180	313,481	382	6,147	133,692	79,354
10	1,152,117	311,028	275,438	539,187	.....	955,255	642,914	300,357	819	11,165	514,248	157,506
11	1,725,077	1,410,795	244,372	546,135	.....	1,506,372	951,663	491,033	1,840	31,636	654,228	215,845
12	523,444	436,529	62,311	307,709	.....	379,971	238,933	126,654	471	13,913	218,868	87,226
13	329,051	127,856	47,702	146,203	5	336,402	196,006	137,672	275	2,449	55,092	34,751
14	1,148,796	683,725	141,202	710,149	.....	805,266	502,199	270,163	1,419	31,515	838,344	127,891
15	898,784	604,167	201,517	262,741	.....	880,293	452,956	390,805	1,520	15,012	262,166	104,322
16	493,944	351,407	54,766	223,121	.....	470,892	293,837	166,953	195	9,967	105,024	76,494
17	1,202,131	353,783	111,934	618,900	.....	1,242,334	776,919	461,779	1,170	2,466	672,745	141,866

#### NEW HAMPSHIRE.

1	\$7,846,143	\$2,276,177	\$841,752	\$4,132,472	\$18,404	\$8,329,222	\$5,589,711	\$2,675,045	\$13,623	\$50,843	\$3,482,531	\$847,153
2	465,043	144,844	44,084	183,189	.....	443,970	309,214	130,814	858	3,064	118,258	76,596
3	448,036	143,265	34,016	489,420	.....	354,862	208,084	144,615	537	1,616	126,038	76,326
4	643,425	159,653	78,603	390,159	18,037	648,654	433,873	207,712	887	4,062	296,437	69,219
5	762,763	238,803	16,334	229,805	.....	536,477	446,242	82,437	324	7,474	373,962	64,299
6	1,398,792	282,500	87,610	517,530	.....	1,180,788	889,947	277,145	2,394	11,302	672,247	132,179
7	1,005,002	277,508	242,349	537,543	285	1,604,644	982,740	617,434	2,106	2,364	340,444	91,427
8	999,499	274,370	119,331	581,188	82	1,044,416	698,730	334,120	2,018	9,548	462,677	142,618
9	1,065,695	478,888	133,109	599,061	.....	1,475,193	917,128	554,729	1,631	1,706	567,159	74,893
10	626,266	143,274	36,111	281,308	.....	555,228	379,459	173,425	1,157	1,487	715,961	42,232
11	532,029	133,002	50,155	323,269	.....	486,800	324,294	162,614	1,711	8,181	257,528	77,519

#### VERMONT.

1	\$16,335,530	\$2,615,299	\$910,881	\$4,933,249	\$17,416	\$14,621,406	\$12,128,465	\$2,287,710	\$26,166	\$179,045	\$5,660,550	\$1,468,245
2	1,441,163	188,609	56,990	289,657	8	1,171,804	955,333	175,348	6,581	34,542	459,171	162,122
3	667,089	191,267	74,026	196,928	9	638,467	467,535	152,272	2,121	16,539	166,453	76,965
4	1,250,149	102,865	46,016	455,500	.....	1,337,626	1,134,068	191,221	500	11,237	731,117	175,749
5	1,380,651	241,876	64,196	254,822	181	1,310,354	1,161,258	143,977	1,597	3,522	367,023	124,530
6	384,126	69,147	10,461	141,879	.....	277,978	230,653	42,726	1,124	3,475	192,008	26,436
7	1,772,838	197,476	27,743	381,952	.....	1,604,422	1,438,691	189,806	1,948	4,277	351,282	133,719
8	233,690	41,307	49,245	47,650	.....	221,790	164,265	52,581	807	3,837	48,675	22,449
9	835,103	124,462	29,322	390,709	.....	657,636	565,284	87,498	168	4,686	202,600	52,776
10	1,375,259	172,875	94,704	382,846	.....	1,201,699	938,206	244,795	1,629	17,669	715,024	136,962
11	1,697,442	192,021	34,004	535,075	.....	1,409,323	1,244,109	153,455	500	11,259	520,870	94,667
12	1,510,024	299,599	88,493	353,067	22	1,396,575	1,165,421	206,810	4,866	19,478	468,199	139,472
13	1,304,824	232,099	61,698	467,666	25	1,300,054	1,093,853	198,264	1,208	7,329	445,962	182,267
14	619,445	241,642	144,031	376,147	17,171	788,192	690,173	182,962	1,178	13,879	630,542	96,362
15	1,473,718	259,964	144,352	659,351	.....	1,304,886	979,016	285,964	1,939	27,937	666,784	128,997

#### MASSACHUSETTS.

1	\$11,280,989	\$8,184,213	\$3,785,589	\$7,080,173	\$1,218,060	\$21,496,374	\$15,187,774	\$6,258,999	\$19,176	\$30,425	\$5,614,442	\$1,098,098
2	88,230	94,062	433,334	46,187	.....	338,122	149,831	188,062	211	18	24,746	14,512
3	1,148,007	392,757	145,808	293,710	17	1,401,744	1,057,903	333,754	2,207	7,880	328,695	131,368
4	863,693	740,518	172,967	398,501	31	2,517,513	1,645,713	970,344	1,199	257	410,355	60,382
5	28,743	15,399	7,497	6,039	.....	64,443	37,582	22,990	.....	3,961	5,862	2,999
6	1,043,739	917,988	257,201	507,192	17	2,376,813	1,781,364	593,129	1,692	629	472,484	198,206
7	986,921	563,117	297,864	726,138	346,589	1,093,748	805,896	278,007	2,213	9,642	538,133	112,540
8	778,831	552,291	192,713	635,399	249,590	1,123,441	776,211	348,180	1,631	2,419	275,794	85,742
9	900,940	596,542	167,968	916,853	621,713	1,180,934	856,617	329,863	1,323	2,186	390,627	99,965
10	1,672,455	2,435,695	695,614	1,509,923	20	3,822,280	2,842,259	977,225	1,670	1,126	937,051	168,620
11	11,588	8,544	170	250	.....	29,081	20,163	9,693	.....	120	1,510	207
12	534,647	331,969	101,256	516,697	.....	1,646,692	1,116,968	528,635	762	327	378,722	29,516
13	503,956	378,791	723,059	415,492	5	1,314,431	750,988	562,519	1,689	135	197,218	37,875
14	32,000	139,853	9,349	184,475	.....	127,976	112,376	15,445	137	18	15,351	6,332
15	2,686,630	1,016,687	580,789	923,317	78	4,453,256	3,334,833	1,112,204	4,442	1,777	1,037,884	297,727

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF NEW ENGLAND--Continued.

COUNTY.	ACREAGE: 1910				Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.	All crops.		Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>RHODE ISLAND.</b>										
1 The state.....	682,880	443,308	178,344	\$32,090,730	\$3,937,077	\$376,097	\$335,029	\$211	\$28,661	
2 Bristol.....	15,360	0,551	0,048	1,843,840	176,197	17,080	16,540	8	481	
3 Kent.....	111,360	68,056	21,250	4,046,370	384,654	30,401	28,683	20	334	
4 Newport.....	72,960	47,240	34,883	8,453,170	916,229	144,307	117,906	95	20,971	
5 Providence.....	275,200	166,343	57,785	13,015,084	1,735,330	76,323	72,037	-----	1,655	
6 Washington.....	208,000	151,218	58,369	5,632,248	725,658	106,996	100,463	88	5,226	

<b>CONNECTICUT.</b>										
COUNTY.	ACREAGE: 1910				Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.	All crops.		Cereals.				
						Total.	Corn.	Wheat.	Oats.	
1 The state.....	3,084,800	2,185,788	988,252	\$150,309,771	\$22,487,909	\$2,039,211	\$1,693,939	\$12,587	\$161,188	
2 Fairfield.....	403,840	267,561	141,310	43,322,640	2,055,362	315,503	256,570	5,180	21,192	
3 Hartford.....	406,560	328,218	172,055	35,416,482	7,617,087	492,819	448,112	1,125	14,557	
4 Litchfield.....	592,000	438,330	209,918	21,835,643	2,830,789	332,412	235,874	1,464	66,605	
5 Middlesex.....	230,100	140,625	53,495	7,031,817	1,404,307	131,902	108,420	1,092	6,650	
6 New Haven.....	385,920	248,040	123,888	21,049,700	3,000,220	207,272	224,386	2,573	8,990	
7 New London.....	421,760	318,371	120,520	12,541,114	1,875,820	231,137	106,758	480	20,408	
8 Tolland.....	258,560	194,248	68,975	7,095,337	1,320,079	122,300	98,605	384	10,916	
9 Windham.....	320,000	241,377	88,485	9,306,060	1,295,245	145,866	125,214	294	11,870	

<b>MIDDLE ATLANTIC.</b>										
COUNTY.	ACREAGE: 1910				Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.	All crops.		Cereals.				
						Total.	Corn.	Wheat.	Oats.	

<b>NEW YORK.</b>										
COUNTY.	ACREAGE: 1910				Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.	All crops.		Cereals.				
						Total.	Corn.	Wheat.	Oats.	
1 The state.....	30,408,560	22,030,367	14,844,039	\$1,451,481,495	\$209,168,236	\$43,099,988	\$11,439,169	\$7,175,523	\$17,977,155	
2 Albany.....	337,280	289,820	220,938	17,742,806	3,151,092	735,404	178,210	11,290	277,844	
3 Allegany.....	670,080	585,015	373,003	20,071,802	3,000,324	707,440	60,164	30,107	475,557	
4 Broome.....	461,200	411,475	301,070	16,638,904	2,451,382	303,472	54,094	4,838	144,004	
5 Cattaraugus.....	869,520	669,900	418,266	30,270,650	4,182,033	658,702	90,497	8,839	406,121	
6 Cayuga.....	449,920	411,170	337,383	20,915,448	4,752,628	1,988,703	542,913	399,067	604,269	
7 Chautauque.....	684,160	613,000	400,723	43,738,499	7,015,713	954,997	315,852	20,160	435,808	
8 Chemung.....	200,480	229,772	170,060	10,288,587	1,527,270	306,330	61,574	50,829	132,307	
9 Chenango.....	572,100	530,084	353,507	20,912,000	3,308,063	403,110	108,540	1,000	236,480	
10 Clinton.....	671,360	450,324	207,479	18,110,645	2,880,128	513,418	90,814	1,485	327,303	
11 Columbia.....	412,100	374,415	294,125	19,810,360	3,411,089	832,031	300,810	2,240	280,771	
12 Cortland.....	321,920	200,707	100,250	13,171,013	2,225,408	331,135	41,505	2,064	205,983	
13 Delaware.....	927,360	768,131	409,752	27,714,855	4,026,106	320,781	30,210	240	189,472	
14 Dutchess.....	515,840	404,202	341,523	32,988,710	4,354,570	671,387	571,529	35,304	266,427	
15 Erie.....	661,700	571,386	434,875	63,808,309	7,210,450	1,580,322	338,788	375,921	699,071	
16 Essex.....	1,175,040	356,008	146,800	11,029,202	1,404,708	221,918	65,550	880	127,795	
17 Franklin.....	1,073,920	420,437	199,824	17,751,227	2,964,160	544,121	90,093	11,234	373,152	
18 Fulton.....	330,240	205,845	98,781	6,808,265	1,200,801	228,200	74,658	084	119,313	
19 Genesee.....	317,440	280,187	235,295	25,044,508	3,070,101	1,405,037	232,763	757,480	349,400	
20 Greene.....	411,520	309,124	178,301	14,544,994	2,207,705	303,044	135,481	6,477	115,995	
21 Hamilton.....	1,088,000	59,487	18,897	1,653,827	200,007	0,955	2,353	-----	5,348	
22 Herkimer.....	933,760	371,969	258,595	19,607,700	2,847,042	413,353	111,910	1,256	265,553	
23 Jefferson.....	815,360	732,861	501,383	40,005,331	5,091,706	1,207,715	159,208	0,403	1,034,417	
24 Kings.....	44,800	1,433	1,259	4,005,500	518,632	1,107	1,107	-----	323,890	
25 Lewis.....	812,800	476,033	241,409	16,288,674	2,885,393	385,909	23,430	365	481,012	
26 Livingston.....	403,840	389,636	310,063	28,006,858	4,830,101	1,343,332	206,079	548,510	366,770	
27 Madison.....	410,000	381,434	283,265	20,891,990	3,980,117	635,247	133,977	-----	15,819	
28 Monroe.....	424,320	385,266	344,124	59,704,614	9,349,900	2,241,000	472,398	041,452	605,360	
29 Montgomery.....	254,720	234,041	195,202	15,409,547	2,073,527	750,512	272,012	8,417	383,541	
30 Nassau.....	175,360	55,770	42,802	43,189,302	2,541,508	232,842	210,389	8,329	2,082	
31 New York.....	40,320	1,905	1,420	4,575,032	184,420	707	707	-----	610,677	
32 Niagara.....	334,080	305,800	282,817	39,605,809	6,497,092	1,623,100	405,016	643,634	-----	
33 Oneida.....	800,000	690,431	450,642	38,437,091	5,887,675	719,590	244,036	15,410	392,293	
34 Onondaga.....	499,840	437,658	302,182	37,201,043	5,715,757	1,375,732	431,586	192,100	583,645	
35 Ontario.....	415,360	387,969	320,470	32,593,035	6,082,295	1,794,100	386,885	578,615	665,898	
36 Orange.....	533,760	384,145	289,257	35,610,309	3,909,000	465,833	320,900	20,628	65,026	
37 Orleans.....	253,440	232,892	202,302	26,551,582	5,040,374	1,122,667	210,383	558,454	300,063	

# STATISTICS, BY COUNTIES.

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## FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

### NEW ENGLAND—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>RHODE ISLAND.</b>												
1	\$1,309,717	\$1,045,093	\$250,877	\$955,293	\$164	\$3,320,014	\$2,065,941	\$1,245,508	\$2,959	\$5,606	\$580,949	\$165,634
2	49,169	73,486	8,008	27,554	-----	132,202	73,017	59,113	25	137	12,605	1,799
3	141,527	97,134	24,724	90,868	33	351,148	199,311	151,321	379	137	60,933	34,524
4	262,423	280,041	37,130	185,232	-----	798,633	362,195	433,164	509	2,765	107,977	61,824
5	581,838	441,190	150,190	485,798	131	1,524,774	1,152,896	370,564	1,196	118	233,059	31,628
6	274,760	147,242	30,819	165,841	-----	513,167	278,522	231,346	850	2,449	147,242	35,559

CONNECTICUT.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
1	\$7,224,500	\$3,851,867	\$1,692,451	\$7,679,970	\$4,415,948	\$11,241,384	\$7,669,183	\$3,530,904	\$25,813	\$15,384	\$2,687,816	\$753,285
2	1,096,425	900,100	252,789	600,595	39,671	1,825,845	1,140,547	678,494	6,174	630	341,902	109,796
3	1,358,471	906,497	333,391	4,525,909	3,971,992	2,280,321	1,619,455	655,032	3,212	2,622	463,396	159,590
4	1,348,376	431,397	190,812	536,793	193,233	1,859,510	1,408,930	444,474	4,125	1,990	609,465	172,144
5	474,124	217,569	120,255	550,547	71,039	565,502	339,171	223,187	2,005	1,239	205,324	51,792
6	934,104	801,003	480,847	606,094	680	1,693,702	1,145,399	543,844	3,356	1,603	284,167	70,796
7	822,994	390,851	126,312	304,526	150	1,273,234	835,545	428,550	4,410	4,529	403,117	85,765
8	587,113	190,638	85,281	334,747	134,092	842,398	593,020	277,104	1,363	911	211,918	73,890
9	602,894	223,812	102,814	210,859	91	900,763	617,316	280,719	1,268	1,460	168,527	71,490

MIDDLE ATLANTIC.												
VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>NEW YORK.</b>												
1	\$77,360,645	\$36,309,544	\$24,900,491	\$27,497,568	\$402,517	\$102,913,303	\$77,807,161	\$23,634,440	\$389,642	\$1,082,060	\$29,333,568	\$9,927,603
2	1,045,309	500,054	466,225	345,000	8	1,276,970	821,380	425,893	10,600	19,127	283,929	221,764
3	1,833,799	949,420	123,904	345,761	-----	2,145,974	1,748,645	354,346	9,950	33,033	752,294	150,028
4	1,343,979	471,759	112,785	219,387	1,069	2,034,540	1,602,869	417,200	4,952	9,519	404,451	159,590
5	2,292,014	501,663	202,865	466,699	5	3,206,402	2,678,930	501,101	10,214	10,157	825,973	299,434
6	1,617,069	635,210	247,706	263,850	42,070	2,107,192	1,295,343	771,994	16,747	23,108	715,066	236,009
7	2,129,044	615,102	2,417,788	898,812	-----	2,816,212	2,097,464	693,977	9,618	14,153	1,126,255	355,164
8	533,790	255,707	71,588	269,368	102,047	770,040	545,202	214,573	2,472	7,799	178,157	96,454
9	2,150,702	430,100	103,933	302,112	-----	3,830,231	2,975,631	543,282	5,899	9,960	102,402	146,266
10	1,317,408	594,114	66,438	397,750	84	1,041,922	838,445	186,996	3,442	13,639	440,135	145,066
11	1,110,253	254,676	889,643	313,486	-----	1,194,029	783,802	382,219	5,903	22,045	433,267	208,527
12	1,118,894	523,515	66,385	185,479	-----	1,922,008	1,595,671	316,114	6,436	3,787	504,615	85,662
13	3,250,622	371,903	160,207	516,503	-----	5,312,505	4,762,996	629,376	12,048	8,087	907,798	233,877
14	1,609,288	386,528	586,797	800,576	4,788	2,781,712	2,131,838	632,523	4,317	13,034	550,519	213,302
15	2,283,315	1,990,494	704,676	651,643	38	3,342,851	2,403,204	916,500	13,473	9,674	1,196,851	362,982
16	728,255	196,928	43,724	273,073	17	508,802	355,503	126,130	2,632	24,537	166,563	94,997
17	1,320,419	591,027	40,515	467,478	13	1,382,392	1,174,737	199,882	2,178	5,595	448,823	176,555
18	553,790	196,341	35,591	182,070	-----	592,916	437,818	150,387	3,169	1,542	96,404	89,573
19	879,985	586,620	387,412	710,107	-----	1,633,626	682,155	329,019	6,082	46,420	610,967	144,034
20	912,741	219,711	458,937	253,362	5	1,076,916	746,294	314,393	5,787	10,462	242,564	186,906
21	96,154	44,514	3,405	46,879	-----	64,549	36,099	25,275	1,102	2,073	14,511	17,178
22	1,736,104	364,461	108,242	224,882	710	2,501,481	2,199,633	290,047	8,976	2,825	467,399	176,655
23	3,341,954	454,184	72,847	525,006	-----	3,864,304	3,368,052	473,425	12,482	10,345	902,586	288,618
24	1,530	133,448	132	382,415	-----	25,578	18,705	6,873	-----	-----	3,407	-----
25	1,639,424	290,954	21,936	547,110	61	1,852,475	1,663,908	182,704	2,246	3,517	390,308	157,785
26	1,325,668	803,079	188,545	1,169,237	-----	1,244,285	852,790	310,105	12,512	68,578	720,419	144,420
27	1,828,307	752,130	138,330	632,004	3	2,731,511	2,275,039	441,152	7,608	7,712	812,122	177,605
28	1,369,076	1,084,715	2,405,190	1,349,061	-----	1,595,200	869,181	686,585	7,079	32,355	633,798	300,801
29	1,433,171	204,201	101,027	178,616	-----	1,632,471	1,299,769	315,758	13,759	3,185	265,270	156,419
30	183,835	1,783,139	50,469	311,223	-----	350,661	177,863	172,231	564	303	29,718	13,143
31	6,096	83,672	5,207	85,738	-----	50,185	50,480	8,705	-----	-----	3,541	1,760
32	1,081,740	711,847	2,758,296	322,019	-----	1,152,488	553,713	559,882	8,239	30,634	440,475	229,530
33	2,851,262	1,089,590	183,607	1,043,626	2	4,101,802	3,462,287	627,181	6,569	5,765	858,661	362,529
34	2,149,415	1,459,496	292,299	438,815	126,809	2,866,059	2,123,637	712,423	10,621	19,378	978,530	292,333
35	1,158,264	1,008,012	956,836	1,164,993	30	1,093,585	535,985	470,342	8,523	78,407	696,767	248,985
36	1,806,206	993,515	382,505	255,900	-----	4,209,467	3,570,647	632,119	4,396	2,305	1,096,251	159,188
37	705,245	509,996	1,061,639	740,827	-----	587,927	238,625	264,025	3,404	71,873	475,835	118,555

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF MIDDLE ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.			Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>NEW YORK—Continued.</b>										
38 Oswego.....	618,240	491,008	310,951	\$23,804,151	\$3,709,543	\$630,702	\$200,311	\$7,017	\$274,632	436,735
39 Otsego.....	445,760	592,531	440,731	26,018,410	4,062,408	774,475	106,181	876	436,735	10,217
40 Putnam.....	149,120	109,703	57,705	8,851,342	726,150	31,109	76,071	260	10,217	613
41 Queens.....	67,200	14,588	12,228	20,554,002	2,444,835	31,018	20,992	25	281,523	1,447
42 Rensselaer.....	424,320	305,542	245,006	18,210,034	3,257,077	750,375	250,802	1,447	50	330
43 Richmond.....	30,720	5,320	3,857	3,730,574	420,523	0,570	5,480	50	1,873	10,801
44 Rockland.....	117,120	52,117	20,400	11,494,040	745,487	77,707	51,870	1,873	9,933	992,865
45 St. Lawrence.....	1,728,040	1,001,610	512,224	49,975,175	7,211,750	1,321,655	199,869	0,933	3,078	236,911
46 Saratoga.....	520,720	392,185	245,715	16,900,106	2,531,122	699,853	203,372	457	313,410	154,476
47 Schenectady.....	131,840	100,251	85,074	7,219,178	1,029,029	302,684	73,441	321,211	622,925	37,076
48 Schoharie.....	410,880	371,107	257,107	14,454,132	3,265,020	639,505	123,900	9,483	313,410	154,476
49 Schuyler.....	216,040	150,032	150,454	9,293,801	1,580,007	477,262	81,470	87,521	321,211	622,925
50 Seneca.....	215,040	191,105	160,080	14,589,014	2,542,752	1,007,213	203,495	360,557	178,039	622,925
51 Steuben.....	800,040	818,373	500,303	37,300,643	0,037,860	1,238,200	134,940	477,552	92,034	37,076
52 Suffolk.....	691,360	178,003	95,580	35,537,021	3,081,470	635,190	477,552	92,034	274	77,467
53 Sullivan.....	641,280	451,216	192,881	19,628,460	1,000,030	261,774	91,270	274	185,512	31,295
54 Tioga.....	332,800	238,463	227,436	11,085,480	1,787,652	470,192	81,158	22,492	154,476	37,076
55 Tompkins.....	304,640	273,022	215,070	14,898,705	2,503,033	862,402	100,253	156,262	190,182	22,576
56 Ulster.....	720,000	490,705	242,348	20,430,072	4,103,580	584,752	286,478	60	22,576	37,076
57 Warren.....	562,500	250,349	100,100	0,580,380	021,432	85,286	37,076	60	367,424	508,350
58 Washington.....	535,680	446,456	313,504	18,450,034	3,270,161	866,323	407,472	1,298	367,424	508,350
59 Wayne.....	383,160	357,800	300,208	34,481,902	0,006,024	1,533,304	517,713	363,018	4,750	19,561
60 Westchester.....	286,720	145,837	90,072	66,180,044	2,400,030	102,143	119,333	4,750	270,066	460,516
61 Wyoming.....	384,640	373,444	265,387	23,178,370	3,040,047	914,525	67,205	270,066	313,995	220,513
62 Yates.....	210,520	204,214	106,874	15,576,703	2,582,578	773,014	147,700			

NEW JERSEY.

1 The state.....	4,808,900	2,573,857	1,803,330	\$254,832,005	\$40,340,491	\$9,797,937	\$6,064,162	\$1,568,880	\$712,609
2 Atlantic.....	304,100	72,057	34,035	5,088,027	1,102,850	95,850	94,787	134	3,005
3 Bergen.....	151,680	52,728	32,083	15,834,378	1,455,620	72,173	63,170	3,208	7,719
4 Burlington.....	521,000	287,810	175,231	18,046,546	4,050,886	1,120,006	857,245	109,311	1,685
5 Camden.....	142,080	61,033	60,187	8,484,203	1,050,433	232,410	100,003	18,014	230
6 Cape May.....	100,000	42,106	18,388	2,100,117	304,200	82,481	82,243	85,078	7,192
7 Cumberland.....	320,000	184,553	96,820	11,443,506	2,570,050	542,832	445,005		788
8 Essex.....	81,280	22,783	13,130	8,053,504	809,135	25,207	21,796	734	4,313
9 Gloucester.....	212,480	139,087	100,812	12,202,382	3,012,325	408,203	420,834	21,787	25
10 Hudson.....	27,520	1,595	935	3,842,020	883,520	100	100	319,213	231,045
11 Hunterdon.....	279,080	244,085	203,862	15,133,101	2,350,800	1,300,551	707,771	143,054	44,615
12 Mercer.....	144,640	123,670	103,701	15,340,204	2,205,407	720,522	482,371		
13 Middlesex.....	199,680	107,874	82,078	13,300,002	1,000,154	513,300	335,091	100,003	12,723
14 Monmouth.....	306,560	200,550	150,583	28,945,120	4,470,280	1,002,818	785,170	90,942	5,391
15 Morris.....	304,000	198,010	98,376	20,587,875	1,877,005	408,100	238,000	49,502	08,772
16 Ocean.....	407,680	53,648	21,708	3,101,630	460,524	111,305	68,042	718	1,759
17 Passaic.....	125,440	46,304	23,300	8,167,394	770,788	46,335	33,814	1,240	1,409
18 Salem.....	210,520	108,000	124,703	12,044,180	3,185,274	824,007	630,330	170,625	108,569
19 Somerset.....	195,200	105,000	130,057	21,704,407	1,832,017	810,403	420,737	205,021	75,455
20 Sussex.....	338,560	238,411	161,283	10,801,800	1,470,080	445,040	274,559	18,433	2,060
21 Union.....	35,020	23,405	17,490	7,000,542	800,023	87,287	51,247	1,004	123,394
22 Warren.....	231,080	183,067	142,837	9,953,147	1,600,043	840,810	422,210		

PENNSYLVANIA.

1 The state.....	28,692,480	18,586,832	12,073,519	\$1,263,274,802	\$160,739,898	\$70,348,726	\$27,330,860	\$22,020,638	\$14,421,972
2 Adams.....	337,020	281,858	227,084	10,003,103	3,382,345	2,076,970	807,300	934,170	197,730
3 Allegheny.....	404,000	308,342	244,720	62,805,880	4,016,942	917,533	408,809	217,610	206,001
4 Armstrong.....	417,020	355,243	266,570	20,780,783	2,225,711	903,482	422,740	208,384	249,600
5 Beaver.....	274,560	220,788	173,428	16,403,442	1,042,891	644,840	271,006	170,037	196,790
6 Bedford.....	656,040	466,016	264,814	13,020,308	2,451,707	1,258,102	540,292	348,571	200,101
7 Berks.....	553,000	458,450	381,500	36,020,801	5,048,957	2,824,715	810,000	1,248,002	567,218
8 Blair.....	541,760	176,513	117,000	10,094,209	1,038,188	698,118	277,007	238,520	137,637
9 Bradford.....	732,800	623,303	458,637	23,826,741	3,594,004	1,007,951	233,270	78,447	389,375
10 Bucks.....	380,120	352,028	298,120	38,400,771	5,788,117	2,307,054	1,371,932	559,183	206,083
11 Butler.....	505,000	413,107	310,030	27,714,216	1,322,802	1,322,263	519,451	278,241	398,930
12 Cambria.....	458,880	228,004	130,410	14,100,073	1,776,854	528,574	150,734	52,082	197,746
13 Cameron.....	250,880	31,748	10,800	31,774,531	138,701	25,275	10,470	362	7,599
14 Carbon.....	250,840	96,303	40,087	3,587,091	611,322	213,451	59,314	23,041	60,374
15 Center.....	733,440	286,822	188,033	13,330,041	2,345,354	1,220,512	428,115	489,546	261,779
16 Chester.....	497,280	423,827	351,525	46,150,720	6,130,106	2,631,754	1,264,032	650,807	392,353

STATISTICS, BY COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

MIDDLE ATLANTIC—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>NEW YORK—Continued.</b>												
38	\$1,709,008	\$612,473	\$415,870	\$340,830	\$26,314	\$2,480,674	\$1,950,833	\$518,137	\$6,078	\$5,626	\$779,273	\$226,385
39	2,336,498	586,702	150,148	1,114,585	11	3,493,362	2,826,725	654,828	5,799	11,010	930,821	258,410
40	384,108	99,634	74,688	74,563	.....	693,836	573,898	118,325	735	878	134,407	29,290
41	17,607	1,408,984	4,450	981,807	1,000	318,030	293,747	24,249	34	.....	23,824	3,061
42	1,160,099	718,573	297,582	325,048	.....	1,734,145	1,252,398	436,403	5,516	39,828	348,487	191,550
43	18,312	311,944	13,526	70,105	.....	143,680	128,785	12,812	2,057	26	3,060	5,238
44	193,818	130,811	128,902	214,249	.....	358,028	161,552	194,881	1,276	319	31,814	16,020
45	4,559,215	589,215	100,136	641,529	142	5,222,172	4,491,072	698,880	13,471	18,749	1,183,533	404,992
46	807,354	485,423	171,405	277,037	.....	1,228,398	787,410	423,247	5,890	11,849	904,908	191,866
47	405,288	132,956	86,918	101,183	1	395,127	253,598	132,420	5,342	3,767	93,751	82,986
48	1,321,364	219,464	126,844	958,443	.....	1,902,373	1,443,765	428,454	16,805	13,349	363,762	215,604
49	563,274	149,554	244,955	151,502	.....	446,881	182,437	2,580	2,580	33,020	179,709	62,696
50	791,025	206,093	389,707	148,054	.....	666,209	274,300	266,952	5,891	19,066	223,865	119,378
51	2,322,985	1,434,758	470,769	571,074	68,389	2,110,251	1,455,994	568,322	9,323	76,612	904,908	272,689
52	347,250	2,330,279	94,258	265,487	10	1,133,459	320,171	810,344	313	2,631	102,414	76,779
53	1,008,561	243,741	135,322	260,232	.....	1,337,410	770,830	557,225	4,959	4,396	408,432	129,991
54	743,325	334,030	65,307	167,892	13,992	1,213,128	865,989	329,898	5,064	12,177	328,926	86,784
55	907,388	345,297	133,336	199,520	286	1,175,701	774,713	370,484	9,442	21,022	451,397	116,961
56	1,291,790	446,927	1,365,204	414,918	856	1,787,896	1,111,721	683,003	8,158	5,614	367,869	221,612
57	385,731	165,381	48,757	236,277	.....	342,381	216,502	109,263	2,697	13,919	122,349	50,149
58	1,374,831	656,588	121,975	259,444	4	1,840,162	1,367,254	401,221	8,588	62,089	469,732	206,617
59	1,189,720	844,690	1,951,005	477,245	14,552	1,606,607	942,530	631,527	6,095	26,455	557,918	254,235
60	733,275	400,014	218,042	947,456	.....	1,221,956	809,865	406,485	4,348	1,258	327,115	28,294
61	1,294,972	601,737	804,312	732,401	1	1,702,736	1,368,403	292,341	12,008	28,984	776,023	134,166
62	575,380	147,805	806,977	278,502	.....	470,787	192,714	227,595	2,316	47,662	328,566	98,993

NEW JERSEY.

1	\$7,627,402	\$14,073,467	\$4,069,446	\$4,772,239	\$221	\$17,316,097	\$10,156,600	\$7,118,001	\$22,917	\$18,579	\$3,433,924	\$1,562,326
2	54,531	406,050	480,198	60,215	2	336,872	55,498	290,782	590	2	17,429	35,021
3	153,842	607,036	144,110	473,409	.....	609,666	239,667	288,961	966	162	36,299	19,787
4	740,994	1,806,270	771,169	415,357	.....	1,601,209	923,922	675,643	1,417	527	262,902	174,647
5	190,240	780,274	327,315	139,188	89	346,411	174,544	171,332	535	.....	77,793	28,928
6	49,760	175,402	55,978	30,639	165	169,454	59,497	106,551	406	.....	16,849	12,681
7	324,274	1,257,521	359,176	80,263	.....	818,142	343,375	474,249	1,023	295	227,666	107,319
8	161,945	213,884	52,131	355,878	.....	853,728	733,682	119,805	241	.....	84,829	14,627
9	347,525	2,461,705	264,970	69,832	.....	749,308	292,204	465,753	1,157	194	179,525	125,123
10	14,008	217,454	76	651,798	.....	96,756	68,993	27,660	103	.....	279,271	2,296
11	643,113	114,708	166,709	68,728	4	1,564,037	845,387	700,345	3,880	5,425	296,223	226,944
12	576,269	558,468	137,425	266,723	.....	1,002,971	579,409	421,861	1,058	643	186,779	109,792
13	575,350	559,437	134,584	126,483	.....	711,083	398,116	312,136	572	259	102,694	36,537
14	630,470	2,001,775	385,140	450,083	.....	1,073,193	513,109	558,143	1,283	678	170,063	137,323
15	406,226	262,139	125,952	584,492	1	829,694	580,551	344,182	2,758	2,203	162,678	65,999
16	102,513	107,151	100,869	44,636	10	259,574	75,016	184,120	438	.....	32,741	12,726
17	168,286	347,931	46,682	167,554	.....	469,323	311,363	157,046	624	290	65,842	33,917
18	489,075	1,709,543	119,770	42,879	.....	1,337,290	780,019	556,729	299	243	266,686	113,042
19	653,979	121,805	104,173	141,597	.....	1,046,030	517,416	525,222	1,648	1,804	278,294	93,722
20	712,251	135,353	113,030	69,806	.....	1,999,667	1,719,541	282,500	1,060	1,906	250,999	110,699
21	144,588	168,276	84,754	455,018	.....	570,122	371,493	198,399	320	.....	69,390	4,452
22	393,163	271,235	89,155	62,671	.....	870,787	500,188	274,582	1,859	4,108	268,991	117,513

PENNSYLVANIA.

1	\$15,623,573	\$22,092,197	\$10,794,172	\$17,861,230	\$3,926,116	\$68,705,042	\$42,808,802	\$24,430,813	\$262,804	\$1,202,623	\$29,592,251	\$15,712,856
2	714,361	210,948	239,013	141,153	1,865	1,081,859	443,399	628,734	3,436	6,250	422,759	361,169
3	850,141	1,095,675	434,202	669,201	4	1,998,764	1,437,328	553,742	970	6,724	293,855	199,953
4	545,722	326,529	235,900	123,979	31	792,036	423,768	351,928	5,276	11,064	372,865	264,577
5	489,454	253,132	182,787	72,678	3	719,604	460,998	223,799	762	34,045	205,829	136,857
6	471,995	282,008	235,353	234,279	101	714,290	371,013	320,784	5,439	17,054	459,190	344,200
7	1,622,491	605,235	362,704	243,812	16,981	2,734,696	1,657,113	1,071,394	5,244	945	1,030,689	781,489
8	383,441	280,904	162,592	137,143	.....	574,136	395,645	170,226	2,410	5,855	334,587	152,003
9	1,528,072	428,126	188,252	351,363	27,407	2,467,110	1,840,038	597,127	7,732	22,213	827,734	261,747
10	1,690,292	979,247	251,893	469,671	132	2,936,981	1,771,317	1,161,119	2,756	1,789	707,296	472,344
11	934,297	481,179	194,779	153,374	30	1,146,310	651,745	465,234	6,226	23,105	597,146	375,163
12	514,360	418,264	100,786	214,861	6	644,043	411,441	222,795	6,412	3,295	298,156	147,691
13	50,045	30,098	9,306	15,077	.....	61,052	35,731	24,071	806	442	9,983	14,070
14	164,603	130,459	44,859	58,050	.....	258,793	144,850	112,847	1,051	45	42,916	57,444
15	600,301	224,434	140,328	163,099	.....	596,012	349,137	232,391	3,230	11,254	319,140	253,532
16	1,846,871	701,681	209,754	740,046	46,030	4,008,409	3,141,880	857,778	4,735	4,016	1,273,694	313,803

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF  
MIDDLE ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
17	Clarion.....	384,640	272,745	185,453	\$13,321,502	\$1,984,036	\$1,074,954	\$398,343	\$232,505	\$340,183
18	Clearfield.....	730,880	271,000	161,218	12,321,554	2,053,801	615,495	207,430	58,457	182,954
19	Columbia.....	561,020	120,610	67,542	5,300,140	883,084	417,180	144,232	150,531	99,152
20	Columbia.....	306,560	228,050	103,030	11,010,070	2,120,044	1,153,585	300,755	353,081	259,635
21	Crawford.....	664,320	580,411	375,045	30,155,560	4,001,021	1,417,612	480,522	182,317	549,810
22	Cumberland.....	337,920	263,246	228,554	20,407,947	3,105,203	1,953,850	506,078	1,075,211	284,800
23	Dauphin.....	333,440	214,300	170,512	15,870,001	2,375,546	1,162,496	304,092	492,203	271,093
24	Delaware.....	118,400	92,575	67,550	22,531,381	1,542,014	402,951	300,412	122,883	24,093
25	Elk.....	515,840	76,032	34,872	3,023,312	505,426	103,102	17,421	3,240	63,846
26	Erie.....	490,840	447,001	292,067	33,205,301	4,430,380	1,243,620	436,061	123,374	622,116
27	Payetto.....	508,800	318,475	211,510	25,212,084	2,131,743	903,201	472,217	193,083	191,705
28	Forest.....	270,720	40,221	20,241	1,750,460	238,413	75,907	22,734	7,700	31,573
29	Franklin.....	480,640	385,334	205,500	28,405,201	4,490,501	2,704,780	956,226	1,553,835	102,831
30	Fulton.....	257,280	190,858	107,037	4,051,868	864,114	492,700	208,334	186,333	32,564
31	Greene.....	307,360	354,160	306,584	27,487,150	2,102,061	988,021	636,051	182,333	166,415
32	Huntingdon.....	587,520	340,530	188,807	9,155,240	1,852,209	912,730	414,800	201,819	152,485
33	Indiana.....	530,560	432,077	315,480	23,171,431	2,578,026	1,204,070	404,204	252,325	274,748
34	Jefferson.....	420,240	240,189	122,339	12,422,071	1,750,864	1,178,906	225,207	98,501	245,511
35	Juniata.....	250,880	173,136	102,308	6,030,006	1,200,675	608,050	258,807	277,175	142,923
36	Lackawanna.....	288,640	134,160	53,700	8,031,682	1,101,631	110,136	20,234	387	54,273
37	Lancaster.....	602,240	550,409	472,705	84,426,907	13,050,588	5,459,810	2,305,472	2,770,808	377,148
38	Lawrence.....	230,400	193,702	148,487	16,038,274	1,708,443	749,589	311,809	202,806	216,493
39	Lebanon.....	230,400	173,593	148,750	15,524,188	2,230,232	1,276,325	315,853	673,006	204,086
40	Lehigh.....	220,160	191,057	105,002	21,104,188	2,071,075	1,433,509	487,334	560,831	195,905
41	Luzerne.....	570,880	260,486	137,778	15,162,204	2,562,985	521,165	173,028	63,574	142,265
42	Lycoming.....	780,800	358,200	200,547	17,280,014	2,820,820	1,275,605	477,187	370,808	287,889
43	McKean.....	631,680	150,150	66,822	6,342,064	814,721	109,384	8,824	1,763	77,846
44	Mercer.....	448,000	389,208	272,160	21,000,154	2,801,847	1,240,151	475,091	333,858	339,833
45	Mifflin.....	254,720	143,719	94,469	7,333,465	1,137,048	651,151	213,241	293,984	133,116
46	Monroe.....	308,720	204,077	97,298	7,440,072	1,008,173	402,020	101,070	24,168	77,261
47	Montgomery.....	300,760	251,751	222,636	49,223,307	4,000,205	1,626,783	853,504	420,074	219,879
48	Montour.....	83,200	74,540	60,150	4,063,790	834,776	470,095	149,050	171,174	128,937
49	Northampton.....	238,080	192,051	105,618	18,314,227	2,097,420	1,004,751	595,760	572,292	282,188
50	Northumberland.....	200,560	211,583	104,470	12,050,095	2,168,088	1,126,170	329,808	474,692	247,204
51	Perry.....	360,060	250,118	140,021	8,321,164	1,757,207	980,877	357,033	382,146	210,739
52	Philadelphia.....	85,120	30,488	20,013	28,705,885	1,795,641	157,836	117,040	26,458	3,794
53	Pike.....	348,100	173,481	25,407	4,076,309	300,871	72,220	28,454	2,209	13,440
54	Potter.....	685,440	271,217	117,941	7,830,716	1,176,853	225,500	17,310	2,105	146,550
55	Schuylkill.....	407,280	216,348	142,370	12,804,062	2,101,173	689,707	176,468	199,811	163,338
56	Snyder.....	100,040	151,022	112,304	7,154,465	1,277,137	769,714	260,680	303,870	158,065
57	Somerset.....	661,760	475,258	258,154	22,783,104	3,014,271	1,231,376	422,868	185,922	485,167
58	Sullivan.....	203,120	90,216	30,068	2,908,771	512,104	135,250	30,779	9,080	55,678
59	Susquehanna.....	527,300	472,428	290,057	17,008,701	2,543,845	387,803	107,111	3,940	173,561
60	Tioga.....	730,880	475,471	293,011	19,026,582	2,820,001	591,347	92,619	17,250	320,383
61	Union.....	105,200	108,790	86,073	7,725,206	1,200,005	730,235	231,904	320,909	168,922
62	Venango.....	423,040	246,367	145,813	10,204,622	1,400,078	542,540	191,075	68,204	196,501
63	Warren.....	577,280	254,321	112,025	8,773,520	1,308,440	282,532	77,019	14,052	142,775
64	Washington.....	551,680	503,023	432,001	41,650,370	3,850,007	1,800,430	1,070,794	416,803	406,547
65	Wayne.....	472,000	375,557	123,486	11,537,272	1,720,427	224,042	61,224	281	83,314
66	Westmoreland.....	604,000	463,491	360,635	37,501,005	4,142,584	1,804,340	883,210	403,101	470,351
67	Wyoming.....	254,080	160,031	107,423	6,870,065	918,067	207,735	67,335	7,688	63,701
68	York.....	577,920	532,017	433,483	38,488,570	7,224,260	4,104,000	1,016,760	1,950,697	395,700



STATISTICS, BY-COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

MIDDLE ATLANTIC—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
17	\$525,589	\$107,751	\$94,752	\$90,990	.....	\$535,376	\$291,248	\$231,729	\$5,370	\$7,029	\$350,521	\$219,659
18	462,466	360,592	123,909	401,999	\$40	579,841	337,248	231,086	8,430	3,077	141,310	206,495
19	182,563	106,993	61,720	114,619	28,823	237,933	142,602	92,800	1,108	1,423	93,096	86,288
20	411,936	232,566	163,785	167,173	10	535,104	310,092	271,621	2,562	529	216,815	266,699
21	1,268,707	493,853	205,345	330,504	21	1,806,749	1,260,230	509,395	7,609	29,315	1,076,825	311,324
22	698,127	210,434	133,060	108,892	.....	1,042,647	626,378	401,930	2,595	11,738	613,782	288,591
23	673,317	283,808	119,825	136,100	9,123	1,013,407	653,196	356,061	2,949	1,201	456,890	325,617
24	420,703	284,170	48,712	320,372	.....	1,142,506	914,221	225,351	2,205	728	304,667	118,129
25	219,698	112,170	30,868	89,588	.....	227,010	137,184	83,515	5,224	493	40,946	55,569
26	1,288,187	743,564	778,988	385,021	.....	1,898,521	1,470,886	407,778	6,199	13,668	684,372	222,613
27	611,154	272,055	137,676	207,597	170	700,754	361,023	324,661	3,864	11,206	375,252	237,904
28	82,990	43,198	14,718	21,504	.....	66,640	33,324	23,945	3,326	1,048	23,148	23,993
29	988,498	268,314	359,240	175,063	.....	1,269,388	555,199	691,999	4,269	17,921	1,009,498	367,568
30	160,509	73,265	54,392	83,179	9	221,598	76,131	134,410	2,592	6,465	159,938	162,538
31	539,837	191,839	141,064	242,050	82	802,712	224,889	282,765	4,090	291,468	841,116	225,723
32	433,293	174,953	130,936	194,297	9	476,324	230,466	230,312	3,708	11,838	258,349	215,611
33	588,284	306,135	204,572	154,905	.....	877,246	472,559	379,707	11,510	13,170	578,252	344,558
34	472,080	312,250	124,040	132,492	6	520,242	285,955	218,933	7,432	2,922	158,523	231,721
35	244,510	85,832	84,896	95,687	3,879	403,228	147,913	249,429	2,363	3,523	138,991	134,623
36	446,225	285,359	105,918	153,893	.....	700,472	511,331	185,909	1,507	1,725	145,727	36,551
37	2,287,361	1,137,034	396,698	3,778,685	3,305,384	4,037,286	2,343,594	1,679,466	10,673	3,553	2,790,332	879,939
38	531,271	241,203	100,065	85,325	290	696,271	432,921	236,807	1,211	25,332	328,168	147,878
39	624,901	153,833	91,469	92,704	32,075	913,435	601,508	308,669	2,943	415	1,357,549	299,863
40	590,311	688,515	151,074	107,666	.....	1,058,035	633,517	447,040	2,120	2,658	373,182	340,626
41	601,036	662,231	228,113	550,440	3	818,945	538,482	275,885	2,539	2,020	136,409	170,774
42	722,576	327,859	214,413	289,376	9,462	894,477	562,440	323,764	4,252	4,021	249,189	210,175
43	408,508	131,065	45,866	118,998	.....	440,002	325,614	104,226	5,215	4,947	99,760	54,047
44	892,837	376,893	203,820	178,146	7	1,034,326	570,156	406,799	4,840	62,541	696,555	362,765
45	249,078	85,373	68,591	83,755	.....	359,610	197,204	155,531	1,850	4,725	299,267	124,679
46	262,079	156,109	67,054	210,911	.....	409,256	213,724	252,312	2,099	1,121	110,298	136,340
47	1,225,232	590,899	151,729	525,652	720	2,985,216	1,967,258	1,014,469	2,026	1,463	749,734	255,905
48	224,855	59,386	36,522	37,918	.....	248,925	153,263	94,867	365	400	69,374	86,894
49	591,137	449,870	170,622	121,040	.....	1,195,468	699,051	523,163	2,221	1,013	325,678	247,165
50	506,573	249,243	107,688	118,414	1,468	684,646	392,445	289,313	2,115	773	223,323	274,576
51	373,450	125,093	117,240	159,947	145	554,472	194,760	353,126	3,115	3,116	285,100	185,039
52	139,054	638,894	16,124	843,733	.....	249,396	166,191	82,975	230	.....	92,311	15,160
53	112,994	77,268	28,622	78,761	14	156,234	79,810	75,156	93	1,172	28,463	26,826
54	549,903	188,125	70,346	142,970	.....	495,865	355,187	115,590	12,250	12,838	220,960	90,923
55	712,058	470,548	156,717	162,053	.....	836,139	515,658	368,676	1,632	273	140,294	257,587
56	235,499	110,332	110,505	61,087	.....	405,406	162,647	240,922	1,470	366	133,517	187,322
57	922,142	428,464	110,724	321,565	.....	817,554	477,506	321,562	7,291	11,195	710,355	319,546
58	209,432	43,182	39,234	85,000	.....	191,906	107,437	75,598	3,365	5,506	95,418	58,218
59	1,396,775	329,024	170,492	259,691	.....	2,052,750	1,594,633	434,612	5,743	17,742	694,863	177,550
60	1,476,256	304,470	175,844	281,075	59,015	1,472,117	1,144,854	284,566	10,209	32,488	551,484	111,655
61	367,887	70,473	68,523	41,847	150	501,216	282,403	217,307	586	620	176,573	164,026
62	444,061	260,050	77,422	165,996	.....	479,491	281,715	180,629	3,946	13,201	163,224	179,211
63	562,855	200,865	99,087	163,107	63	722,850	518,390	194,157	3,801	6,472	201,383	135,383
64	1,087,429	404,715	233,302	224,125	7	2,112,439	1,193,911	529,324	957	388,247	1,010,896	319,152
65	931,592	254,198	153,793	165,802	.....	1,250,785	648,463	289,783	5,868	6,671	280,519	134,344
66	1,261,439	494,715	366,803	215,188	.....	1,729,721	1,102,963	611,927	2,837	11,994	805,814	384,469
67	360,248	175,389	102,006	73,589	.....	578,737	414,251	155,066	3,294	6,126	177,855	72,738
68	1,319,801	739,529	384,540	676,303	382,551	2,345,618	1,077,508	1,259,839	5,649	2,622	1,079,541	785,906

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST NORTH CENTRAL.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
<b>1 The state</b> .....	<b>20,073,600</b>	<b>24,105,708</b>	<b>19,227,069</b>	<b>\$1,002,694,589</b>	<b>\$230,337,981</b>	<b>\$137,007,934</b>	<b>\$82,327,269</b>	<b>\$21,112,975</b>	<b>\$23,212,352</b>
2 Adams.....	349,440	327,409	219,708	10,406,851	2,488,904	863,074	642,327	201,441	13,896
3 Allen.....	259,840	203,222	254,513	25,992,184	2,425,973	1,565,800	989,036	194,845	339,346
4 Ashland.....	269,440	258,525	203,110	18,760,355	2,679,768	1,640,810	673,046	624,163	335,782
5 Ashtabula.....	462,720	399,187	261,685	22,405,068	2,852,224	1,040,867	391,707	97,207	441,224
6 Athens.....	311,680	280,923	201,673	10,170,285	1,121,685	500,330	363,065	110,803	18,041
7 Auglaize.....	254,080	247,509	196,995	22,894,558	2,610,524	1,894,225	1,159,188	395,893	331,024
8 Belmont.....	339,200	318,728	254,513	19,302,268	2,174,013	1,081,556	646,016	207,979	122,351
9 Brown.....	307,840	303,447	262,037	15,140,925	2,844,507	1,158,549	832,287	246,594	42,451
10 Butler.....	289,280	278,563	226,832	23,618,321	3,091,051	2,246,007	1,882,288	505,405	176,199
11 Carroll.....	247,080	239,888	195,181	11,002,770	1,578,490	834,085	404,991	225,619	199,974
12 Champaign.....	269,440	256,240	220,814	24,111,670	2,988,407	2,370,879	1,748,048	204,573	407,177
13 Clark.....	239,480	241,631	208,353	25,204,080	3,150,050	1,981,010	1,510,544	284,065	176,858
14 Clermont.....	207,600	274,210	228,064	14,781,906	2,442,549	1,030,712	737,879	213,311	65,520
15 Clinton.....	263,040	260,404	231,318	24,386,107	3,095,185	1,524,475	1,882,765	563,280	61,155
16 Columbiana.....	341,760	312,100	238,874	20,312,848	2,714,035	1,220,252	480,836	401,769	339,194
17 Coshocton.....	357,120	343,597	276,699	15,567,134	2,131,012	1,236,073	690,941	401,854	140,350
18 Crawford.....	261,760	245,412	205,363	23,110,801	2,884,850	1,824,700	922,062	463,950	443,512
19 Cuyahoga.....	290,320	217,730	154,592	47,834,845	4,012,363	926,642	335,022	181,097	394,026
20 Darke.....	375,040	372,180	325,757	42,193,809	5,642,320	3,292,200	2,413,979	354,181	518,068
21 Deane.....	259,200	249,682	190,187	22,890,778	2,577,974	807,074	807,496	271,018	599,249
22 Delaware.....	284,800	276,582	230,113	23,510,844	2,447,036	1,437,351	1,066,495	222,226	129,817
23 Erie.....	163,840	144,319	119,010	15,822,810	1,601,811	928,107	351,077	357,338	201,058
24 Fairfield.....	316,800	301,037	260,909	26,703,064	3,191,739	2,153,809	1,342,000	756,426	45,940
25 Fayette.....	264,320	249,140	214,463	26,756,525	3,129,313	2,786,980	1,932,442	789,998	58,355
26 Franklin.....	330,880	306,201	277,044	38,892,033	4,018,540	2,475,957	1,707,527	600,880	148,998
27 Fulton.....	259,200	246,250	203,334	25,506,733	2,917,481	1,981,692	1,087,895	347,090	500,390
28 Gallia.....	287,360	273,042	213,580	7,354,195	1,391,242	634,063	382,000	138,530	13,085
29 Geauga.....	286,240	239,595	137,785	14,321,554	1,730,205	645,172	230,852	77,233	305,475
30 Greene.....	265,000	258,098	220,693	24,603,850	2,914,748	2,280,825	1,892,633	343,271	124,401
31 Guernsey.....	331,520	311,880	254,136	13,574,586	1,583,748	734,700	480,617	172,440	68,699
32 Hamilton.....	280,480	197,775	152,725	25,603,202	3,095,952	974,197	693,462	778,403	92,495
33 Hancock.....	342,400	319,419	268,581	34,630,198	3,245,777	2,136,600	1,222,463	624,173	370,013
34 Hardin.....	302,720	270,995	266,846	27,619,680	3,217,977	1,938,377	1,375,152	124,920	413,628
35 Harrison.....	250,040	245,420	202,133	13,465,512	1,454,105	657,531	308,434	140,276	110,688
36 Henry.....	264,960	254,550	217,227	29,110,199	3,287,757	2,051,798	1,523,545	434,097	659,049
37 Highland.....	351,360	345,020	290,485	19,081,263	2,700,362	1,975,214	1,340,484	500,850	42,193
38 Hocking.....	283,040	225,928	158,386	6,240,418	2,805,593	471,105	304,648	140,099	12,717
39 Holmes.....	267,520	258,493	198,675	17,090,855	2,430,535	1,636,622	691,918	563,105	274,752
40 Huron.....	316,160	290,923	233,779	24,245,277	3,138,087	1,964,565	784,978	664,563	515,213
41 Jackson.....	268,560	247,014	172,118	5,721,620	730,018	381,373	270,150	93,162	6,726
42 Jefferson.....	260,480	220,405	158,350	11,505,843	1,342,051	651,106	344,080	157,254	147,994
43 Knox.....	328,320	312,710	269,353	22,694,287	2,871,589	1,629,431	975,444	499,395	134,926
44 Lake.....	154,240	130,748	92,300	17,292,595	1,790,082	465,059	209,000	55,200	196,166
45 Lawrence.....	283,520	265,345	133,733	8,862,056	1,040,132	385,440	315,985	37,114	13,270
46 Licking.....	428,160	414,800	367,920	28,632,428	3,073,066	1,829,289	1,104,651	480,119	118,966
47 Logan.....	288,040	278,978	226,380	22,653,204	2,785,066	1,803,027	1,375,469	88,579	414,830
48 Loyal.....	318,080	282,720	232,084	25,307,746	3,207,567	1,418,097	571,951	893,726	450,950
49 Lucas.....	318,880	195,457	137,543	23,237,068	2,620,626	1,209,540	737,342	194,043	299,852
50 Madison.....	318,080	280,586	263,825	28,033,950	3,108,805	2,559,352	1,902,991	319,892	812,521
51 Mahoning.....	373,280	234,900	164,638	19,095,019	2,230,682	908,004	331,120	281,813	283,707
52 Marion.....	261,760	242,376	216,692	23,860,020	2,681,077	1,801,807	1,229,444	221,947	407,303
53 Medina.....	278,400	254,908	199,396	19,099,694	2,855,186	1,516,071	513,349	613,466	374,758
54 Meigs.....	263,680	253,846	192,489	8,077,434	1,106,645	538,075	330,850	187,444	15,304
55 Mercer.....	288,000	277,694	232,094	28,333,971	2,957,757	2,174,808	1,330,340	281,434	539,593
56 Miami.....	261,120	247,456	221,371	28,273,297	3,977,496	2,461,265	1,759,169	207,387	432,042
57 Monroe.....	286,720	271,577	201,484	10,310,577	1,474,513	644,414	402,604	159,469	69,625
58 Montgomery.....	291,200	268,402	230,520	38,364,501	4,610,958	2,917,750	1,389,994	368,180	249,453
59 Morgan.....	257,280	254,407	203,300	9,537,764	1,158,225	590,849	393,415	170,095	25,060
60 Morrow.....	257,920	249,236	202,202	18,642,018	2,111,633	1,160,758	660,698	287,940	195,786
61 Muskingum.....	424,060	390,442	324,520	18,002,738	2,204,607	1,133,992	691,435	358,207	78,559
62 Noble.....	255,360	242,325	210,997	11,059,322	1,387,643	517,061	358,180	130,613	26,347
63 Ottawa.....	172,800	120,958	92,027	18,530,027	2,095,966	920,182	514,182	130,092	256,552
64 Paulding.....	264,320	255,699	220,573	28,165,844	3,131,063	2,434,137	1,400,440	133,544	887,572
65 Perry.....	225,360	172,875	9,693,887	9,693,887	1,328,802	525,075	438,206	261,000	30,163
66 Plekaway.....	313,600	310,422	283,807	32,534,721	3,899,469	3,307,310	2,109,917	1,225,829	28,931
67 Pike.....	273,920	242,226	136,462	6,358,950	1,106,256	792,265	566,950	206,122	12,962
68 Portage.....	333,440	295,552	184,945	19,630,745	2,453,042	1,159,163	378,473	407,211	358,593
69 Putnam.....	266,240	265,810	224,891	25,717,338	3,484,240	2,211,030	1,586,101	452,073	169,456
70 Ross.....	308,480	292,592	252,800	34,655,350	3,295,690	2,404,207	1,526,290	800,814	538,536
71 Richland.....	321,920	303,085	230,328	24,049,593	3,213,265	1,929,447	827,973	669,771	422,849
72 Sandusky.....	427,520	404,171	291,013	25,689,295	3,474,338	2,645,856	1,800,563	814,304	20,260
73 Seneca.....	264,320	247,142	206,198	28,194,341	3,169,642	2,114,567	976,765	684,012	438,740
74 Shelby.....	398,720	279,273	198,295	8,236,625	1,569,923	820,160	566,439	230,382	17,665
75 Seneca.....	352,000	330,045	280,592	33,158,428	3,985,824	2,664,293	1,190,084	960,973	503,788
76 Shelby.....	264,320	247,095	209,238	23,235,619	2,788,415	2,175,000	1,339,877	209,761	532,281

OHIO.

# STATISTICS, BY COUNTIES.

745

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## EAST NORTH CENTRAL.

VALUE: 1909—continued.

	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.				Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
				Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.			Wool, mohair and goat hair.
<b>OHIO.</b>												
1	\$42,357,304	\$20,875,927	\$7,858,204	\$21,338,552	\$8,998,887	\$66,372,807	\$30,869,408	\$29,220,018	\$133,831	\$6,149,490	\$74,632,856	\$14,964,150
2	203,147	158,305	51,122	1,212,416	1,074,189	527,857	149,208	358,295	4,243	16,113	498,158	161,945
3	531,014	154,672	46,117	125,280	-----	701,976	279,950	373,331	585	48,119	1,402,878	187,063
4	670,987	144,495	53,742	163,724	-----	659,004	238,947	321,376	580	98,101	735,754	148,473
5	950,180	464,109	177,425	229,643	85	1,494,840	1,081,309	386,143	10,782	16,626	467,272	139,353
6	316,370	155,069	68,894	80,394	334	684,604	192,622	252,768	3,457	135,757	411,787	102,029
7	361,617	126,626	41,510	186,546	1,241	640,222	240,518	381,754	690	17,260	1,284,851	261,776
8	567,536	287,453	123,745	214,623	125,581	1,049,987	489,708	355,312	2,289	212,678	890,455	203,832
9	263,157	174,074	48,431	1,170,296	1,098,151	708,022	213,227	474,958	2,487	17,230	699,416	185,986
10	395,501	215,095	23,680	210,698	141,365	734,251	397,545	323,280	78	13,368	1,084,822	151,922
11	420,172	129,066	100,533	94,634	-----	688,072	191,910	220,258	865	155,039	439,806	161,589
12	330,383	134,152	50,875	102,118	5,596	543,513	226,299	277,301	469	39,444	1,815,691	199,694
13	367,095	224,558	66,380	510,407	20,586	712,700	369,901	285,512	608	58,589	1,459,688	158,174
14	439,628	251,247	119,657	592,905	513,256	781,155	384,630	388,884	1,617	6,024	433,763	151,730
15	302,108	141,087	37,972	89,543	2,791	593,828	185,490	367,243	944	40,151	1,729,566	152,411
16	752,990	334,513	239,771	167,530	-----	1,115,048	682,982	361,555	1,225	69,286	591,828	219,282
17	504,078	184,700	84,989	121,772	9	786,634	216,459	312,717	1,749	255,709	1,122,326	187,939
18	691,508	163,130	38,799	166,647	10	687,689	237,914	326,333	756	122,656	1,161,323	177,213
19	700,826	1,300,549	610,615	478,721	2	1,189,394	743,004	435,233	1,710	9,447	1,599,739	390,147
20	519,598	233,217	102,399	1,494,877	1,890,119	1,109,729	464,959	634,327	916	9,627	1,215,746	467,574
21	546,045	107,983	46,716	207,156	20	686,946	246,136	384,030	476	36,304	591,472	146,226
22	741,151	147,109	38,368	83,057	-----	991,486	488,284	380,023	443	122,736	1,244,381	147,179
23	239,684	257,338	175,332	61,350	-----	442,317	213,648	197,781	1,178	29,710	319,559	119,728
24	626,350	210,884	117,424	83,272	285	667,297	261,256	370,172	1,017	34,852	1,243,682	261,683
25	200,574	81,069	20,103	40,587	35	354,452	93,448	234,898	413	25,693	1,876,285	109,177
26	711,611	515,405	69,150	246,426	55	1,368,909	861,122	482,036	702	20,049	1,113,825	198,957
27	549,338	159,821	50,891	109,739	-----	1,266,364	773,559	460,959	811	31,035	1,384,603	124,084
28	187,452	165,433	53,027	460,657	402,745	464,031	144,454	280,515	4,172	34,990	382,027	119,976
29	528,050	222,812	70,175	273,080	-----	1,127,085	864,455	248,948	1,569	12,113	1,569,231	76,078
30	311,035	162,078	40,833	119,077	30,514	630,851	285,834	400,002	532	44,483	1,243,402	158,602
31	471,175	148,465	94,047	135,361	33,270	674,888	297,928	220,877	1,910	213,975	569,482	176,539
32	521,019	1,028,876	181,204	390,656	88,788	1,687,955	1,306,565	377,303	813	3,274	682,294	175,661
33	722,271	114,767	50,884	221,265	4	824,364	285,907	439,807	1,608	97,042	1,420,693	192,563
34	677,250	467,411	32,667	102,272	103	675,841	188,029	377,526	2,074	111,212	1,221,047	158,849
35	440,245	89,493	69,282	197,554	-----	729,108	192,984	203,956	1,033	331,123	588,029	136,965
36	357,317	110,452	36,967	131,223	-----	723,050	233,645	473,720	1,121	14,561	641,838	145,054
37	349,404	154,636	46,171	183,847	36,584	646,040	184,892	415,624	2,831	42,663	1,454,839	196,957
38	191,866	123,125	42,321	67,176	116	289,738	116,548	135,507	1,423	36,360	1,277,850	121,000
39	501,276	100,465	94,157	138,015	76	703,264	311,145	322,591	951	68,577	1,221,368	161,014
40	778,371	178,063	59,858	159,691	-----	774,466	267,244	355,694	1,523	149,185	744,575	121,029
41	159,477	122,321	37,972	40,376	70	267,653	114,632	144,788	2,375	6,448	285,684	89,304
42	416,257	133,980	82,364	59,244	105	621,589	309,108	188,695	751	123,035	326,827	160,512
43	622,403	107,103	49,478	112,174	130	963,882	255,988	359,653	1,011	347,280	1,162,949	160,030
44	269,709	377,184	136,810	467,830	430	496,705	308,516	149,061	1,057	8,071	1,72,565	43,226
45	99,375	231,476	102,619	196,322	135,260	325,943	185,017	134,676	4,667	1,583	139,554	87,549
46	827,230	246,837	84,740	111,870	-----	1,216,218	505,734	453,286	833	256,365	1,264,607	199,870
47	527,279	127,828	52,752	184,780	12,728	759,879	287,804	379,742	1,075	91,258	1,268,931	151,385
48	916,290	443,654	218,892	180,634	10	1,301,796	850,693	408,021	2,346	40,766	752,951	161,266
49	345,401	645,019	106,780	193,886	48	775,353	443,554	326,172	2,215	3,412	281,406	162,335
50	325,559	89,919	15,900	28,105	-----	434,043	123,104	267,795	217	42,827	2,068,691	127,250
51	630,794	328,447	160,846	211,531	-----	1,033,229	694,712	294,945	531	43,041	645,734	277,546
52	520,776	122,403	30,748	145,283	-----	610,294	187,524	313,482	335	117,893	1,503,090	129,414
53	767,186	303,147	64,337	205,445	14,325	949,860	556,517	340,809	1,549	50,925	750,075	156,979
54	255,020	108,436	51,363	63,151	4,191	539,896	152,294	290,971	3,745	82,886	358,222	116,433
55	450,678	138,329	49,204	135,648	1,740	715,909	222,972	467,798	817	24,322	1,100,837	229,306
56	346,413	199,842	84,172	885,864	714,022	691,860	340,653	347,140	309	3,758	645,931	235,395
57	347,917	174,183	74,030	233,063	162,144	552,717	249,279	263,500	3,653	36,285	269,791	193,677
58	484,659	384,941	107,714	1,615,894	1,420,196	1,298,401	779,892	514,347	267	3,895	602,455	361,194
59	342,913	120,249	61,384	62,830	1,745	726,191	167,182	318,657	2,648	237,704	582,067	116,727
60	638,895	133,604	36,808	140,968	30	773,674	228,790	342,082	547	262,255	841,666	133,465
61	576,018	234,756	144,256	115,675	1,119	916,213	316,825	328,390	3,338	814,329	202,660	292,239
62	364,002	132,641	66,493	306,846	258,076	624,995	174,536	273,095	2,502	174,862	635,167	165,898
63	380,796	97,039	541,479	00,470	-----	407,740	158,839	234,602	1,551	12,748	295,949	109,145
64	437,039	97,467	23,652	130,668	1,787	479,475	137,152	319,999	1,192	21,152	481,738	139,848
65	345,251	142,063	45,025	71,358	28	400,292	163,639	197,383	1,841	67,829	409,514	160,294
66	276,739	173,523	27,824	54,073	1,370	488,558	162,660	306,385	524	16,059	1,575,969	267,469
67	106,850	110,783	29,618	126,740	37,964	235,303	61,684	164,433	1,256	7,930	261,809	68,216
68	531,999	463,144	69,979	228,757	-----	1,026,562	704,107	287,207	903	34,635	525,063	155,795
69	388,410	135,900	58,154	740,746	667,910	685,416	290,492	384,145	522	10,347	1,250,000	194,641
70	484,182	138,957	50,780	217,554	-----	811,090	265,476	515,435	966	29,213	1,272,232	197,179
71	706,724	235,274	107,990	233,800	11	771,760	350,052	321,363	683	99,657	748,487	200,063
72	269,077	271,203	73,583	123,619	2,674	505,670	168,617	309,112	1,636	26,305	1,174,045	185,943

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1900				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
<b>O H I O—Continued.</b>									
77 Stark.....	362,240	335,382	275,214	\$33,205,813	\$4,203,700	\$2,384,008	\$858,419	\$977,526	\$542,265
78 Summit.....	261,120	227,405	163,191	21,410,718	2,533,862	1,320,762	434,558	523,324	356,764
79 Trumbull.....	405,120	365,859	253,073	23,075,086	2,402,217	885,085	349,375	193,598	298,634
80 Tuscarawas.....	355,200	332,536	200,918	19,043,486	2,403,600	1,274,775	597,272	422,812	248,865
81 Union.....	285,440	269,064	236,904	24,395,735	2,426,895	1,029,074	1,219,742	147,831	242,068
82 Van Wert.....	259,840	250,482	219,045	28,091,093	3,013,376	2,220,140	1,422,448	90,482	684,606
83 Vinton.....	263,680	216,347	138,508	4,228,811	546,210	284,835	217,008	58,078	6,989
84 Warren.....	264,320	249,783	205,813	10,840,067	2,663,785	1,681,810	1,202,477	248,166	124,691
85 Washington.....	403,200	398,307	257,759	14,778,493	1,965,950	848,040	499,355	277,700	63,586
86 Wayne.....	356,480	336,807	200,894	31,015,553	4,557,787	2,003,262	1,036,508	1,339,372	522,827
87 Williams.....	263,040	260,255	208,341	22,118,051	2,700,926	1,018,007	757,724	356,142	477,519
88 Wood.....	391,680	360,008	308,407	41,395,393	4,564,766	3,044,026	2,293,547	368,122	1,047,785
89 Wyandot.....	259,840	242,102	208,700	23,007,554	2,588,347	1,722,451	982,217	397,849	329,509

**I N D I A N A.**

1 The state.....	23,068,800	21,299,823	16,931,252	\$1,809,135,238	\$204,209,812	\$151,698,146	\$98,437,988	\$33,593,141	\$18,922,706
2 Adams.....	215,680	208,802	178,358	23,152,087	2,244,714	1,594,275	982,468	168,593	418,016
3 Allen.....	423,040	395,312	314,044	43,085,470	4,083,003	2,956,289	1,585,347	455,744	887,768
4 Bartholomew.....	280,480	244,900	200,450	21,010,313	2,431,528	1,932,096	1,105,815	690,681	35,338
5 Benton.....	261,120	252,190	245,329	37,924,011	3,776,721	3,550,061	2,541,593	11,016	995,510
6 Blackford.....	107,520	98,373	83,810	9,065,752	963,023	666,543	521,142	23,631	117,688
7 Boone.....	273,280	264,558	228,205	35,656,025	3,523,925	2,985,489	2,278,389	290,929	409,767
8 Brown.....	267,960	160,798	91,489	3,402,355	557,659	288,331	215,708	56,893	14,436
9 Carroll.....	241,280	227,630	194,253	27,321,014	3,089,982	2,500,028	1,699,285	617,099	250,498
10 Cass.....	266,240	249,898	206,525	27,144,230	2,989,456	2,361,150	1,424,972	696,234	233,248
11 Clark.....	240,000	216,898	151,879	9,598,589	1,253,431	661,102	420,848	180,669	55,931
12 Clay.....	231,040	212,461	169,404	13,505,177	1,350,609	885,015	497,838	224,469	112,433
13 Clinton.....	261,120	255,853	227,195	36,696,785	3,952,904	3,423,907	2,343,184	449,054	628,311
14 Crawford.....	193,920	181,433	98,099	3,896,499	817,774	430,250	262,245	157,994	5,849
15 Daviess.....	277,120	253,412	220,511	18,700,394	2,139,974	1,931,469	1,093,843	485,936	80,118
16 Dearborn.....	200,320	185,405	135,454	9,894,103	1,576,460	955,097	417,690	159,998	64,133
17 Decatur.....	241,920	223,171	184,284	18,840,847	2,155,056	1,700,892	1,249,071	408,273	38,619
18 Dekalb.....	230,800	221,903	178,049	19,722,585	2,344,880	1,450,060	641,381	404,896	385,183
19 Delaware.....	250,880	240,483	210,349	26,716,122	2,513,109	1,940,590	1,544,406	167,683	219,498
20 Dubois.....	273,280	262,570	180,627	10,008,080	1,692,265	1,066,171	504,549	504,507	84,718
21 Elkhart.....	205,680	270,590	227,883	26,826,318	2,948,906	1,906,551	897,356	701,959	272,768
22 Fayette.....	138,240	134,200	103,960	11,443,825	1,338,022	1,080,019	823,888	239,780	25,072
23 Floyd.....	94,720	80,750	52,438	4,441,398	685,840	424,077	140,737	78,935	11,577
24 Fountain.....	252,800	240,845	199,939	26,223,240	2,798,007	2,380,534	1,532,957	352,389	493,392
25 Franklin.....	252,100	240,732	187,970	12,038,952	1,640,708	1,137,022	851,110	225,578	51,778
26 Fulton.....	234,880	221,387	182,137	18,521,913	1,850,488	1,438,914	841,027	366,244	232,653
27 Gibson.....	311,040	273,102	244,537	21,484,996	2,983,738	2,413,077	1,352,774	1,015,885	39,976
28 Grant.....	270,720	246,857	214,150	30,676,494	2,962,841	2,285,982	1,653,060	798,708	946,178
29 Greene.....	347,520	315,073	258,985	16,026,309	1,858,719	1,281,087	1,003,783	198,739	76,963
30 Hamilton.....	255,300	243,379	210,594	31,379,992	3,282,193	2,726,708	1,981,689	555,050	236,113
31 Hancock.....	196,480	186,190	163,307	21,906,421	2,320,177	1,907,830	1,473,824	309,912	119,836
32 Harrison.....	311,040	288,405	191,596	9,302,934	1,070,093	1,020,358	495,251	486,874	26,990
33 Hendricks.....	261,120	254,159	208,769	28,677,219	2,580,853	2,076,821	1,558,385	338,191	175,294
34 Henry.....	254,080	244,432	214,088	27,310,164	2,789,093	2,176,067	1,707,611	307,600	156,283
35 Howard.....	190,080	184,020	162,068	20,168,700	2,682,119	2,212,728	1,549,030	396,023	264,258
36 Huntington.....	247,040	234,149	195,092	24,079,534	2,679,468	1,891,929	1,145,997	292,447	447,827
37 Jackson.....	331,520	294,597	211,114	17,489,956	2,011,339	1,388,437	829,679	461,659	90,905
38 Jasper.....	359,680	307,028	229,096	22,169,362	2,224,547	1,724,917	1,219,597	89,082	390,218
39 Jay.....	240,000	235,191	169,776	22,939,974	2,452,004	1,819,536	1,318,085	83,442	408,378
40 Jefferson.....	232,960	219,872	142,051	8,892,308	1,476,627	669,699	402,924	224,564	37,181
41 Jennings.....	245,120	219,611	159,959	9,342,922	1,093,261	669,656	425,832	201,255	36,898
42 Johnson.....	204,080	197,493	167,483	24,598,370	2,718,605	2,177,074	1,499,324	642,408	34,213
43 Knox.....	326,400	309,087	269,302	27,610,620	3,096,830	2,088,051	1,857,375	1,056,852	66,560
44 Kosciusko.....	340,240	310,833	259,268	28,651,992	3,136,332	2,289,639	1,135,114	726,344	363,353
45 Lagrange.....	247,680	230,576	179,923	18,421,945	2,275,394	1,734,144	802,161	728,264	166,128
46 Laclede.....	314,880	224,204	180,372	21,980,313	2,125,020	1,297,136	831,619	61,251	388,121
47 Laporte.....	380,800	340,693	267,121	26,055,948	2,984,300	2,228,720	1,191,222	661,390	343,962
48 Lawrence.....	291,840	259,799	172,526	8,479,077	1,183,061	785,596	545,705	127,980	57,372
49 Madison.....	288,000	269,757	234,182	30,538,872	2,780,917	2,309,017	2,033,773	475,355	263,378
50 Marion.....	254,080	215,510	184,492	42,330,840	3,211,725	1,930,913	1,267,547	483,814	175,594
51 Marshall.....	282,240	268,196	207,398	22,576,139	2,624,398	1,938,158	1,038,292	581,920	256,712
52 Martin.....	216,960	194,877	134,436	5,550,085	732,425	466,393	301,345	81,684	21,450
53 Miami.....	243,840	220,464	188,444	24,933,643	2,587,456	1,984,939	1,265,419	495,950	228,266
54 Monroe.....	266,240	228,541	148,150	7,885,095	1,051,079	608,595	459,959	104,984	51,454
55 Montgomery.....	320,640	307,195	259,987	34,884,700	3,649,289	3,111,598	2,229,989	421,693	452,607
56 Morgan.....	259,840	240,211	171,902	17,152,713	1,949,014	1,445,424	1,052,759	325,422	64,732
57 Newton.....	235,200	231,935	193,850	24,004,163	2,250,540	2,029,933	1,376,082	37,464	592,268
58 Noble.....	333,680	255,759	199,287	22,074,887	2,854,603	1,995,902	863,018	767,332	304,475
59 Ohio.....	54,406	42,824	43,406	2,547,847	156,039	100,488	100,488	48,028	5,264
60 Orange.....	260,480	237,843	149,775	7,467,322	1,183,636	717,578	510,934	188,059	38,978
61 Owen.....	251,520	230,962	155,885	9,909,164	942,695	585,561	424,409	110,200	49,121

# STATISTICS, BY COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

EAST NORTH CENTRAL—Continued.

VALUE: 1909—continued.

	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
				Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
<b>OHIO—Continued.</b>												
77	\$814,037	\$610,030	\$200,753	\$194,962		\$1,126,212	\$666,536	\$424,185	\$531	\$34,900	\$661,436	\$445,213
78	523,293	443,149	105,087	141,571	\$83	1,057,134	790,998	256,205	844	9,087	304,312	165,665
79	322,786	333,704	113,821	246,761		1,332,061	934,283	363,986	1,770	32,022	633,195	192,267
80	538,447	265,175	176,240	98,963		775,328	422,756	270,355	1,386	80,829	568,530	290,319
81	630,043	70,124	19,415	59,639	50	738,466	300,604	348,026	1,080	88,756	1,002,334	134,111
82	533,349	110,420	56,021	84,437	296	568,316	171,288	369,539	1,129	26,360	904,651	160,663
83	119,741	81,901	18,366	41,367	1,217	247,948	82,183	116,930	1,178	47,657	247,071	67,595
84	383,887	170,815	25,583	401,690	300,587	680,583	380,120	288,228	327	11,908	921,297	127,654
85	610,529	362,898	121,728	122,155	4,260	753,332	279,355	371,318	5,107	97,552	353,042	172,306
86	831,435	524,885	115,831	182,374	24,598	1,009,888	479,764	488,741		918	1,326,037	286,081
87	679,726	124,406	67,411	220,376	26	845,422	378,110	404,472	1,055	61,782	899,305	166,894
88	637,450	195,876	74,984	112,430	26	905,013	357,741	520,049	1,629	25,097	1,236,752	231,355
89	595,476	122,235	32,895	115,280		640,810	169,311	316,105		720	1,261,417	133,518

**INDIANA.**

1	\$24,883,461	\$11,454,036	\$4,617,092	\$11,357,077	\$2,145,193	\$42,743,422	\$16,668,374	\$24,707,013	\$105,715	\$1,264,230	\$81,437,250	\$11,458,882
2	479,062	64,937	31,304	75,040	4	467,713	152,186	291,710	606	23,211	947,412	140,915
3	956,677	323,438	129,742	317,757	15	1,034,969	472,773	517,058	2,001	43,137	1,092,691	272,168
4	248,898	97,244	22,755	130,535	1,713	480,146	121,997	349,145	650	8,354	623,694	127,673
5	146,986	51,053	21,209	7,352		230,080	68,756	167,550	851	2,023	496,182	78,674
6	161,437	38,454	11,128	25,461		220,088	73,043	131,952	421	14,672	822,372	61,369
7	201,487	127,413	71,431	48,105		759,012	251,048	487,301	657	20,006	1,754,757	267,643
8	89,340	79,320	33,448	67,220	649	155,068	43,232	106,271	715	4,850	162,133	58,338
9	216,140	89,067	59,170	164,977	13	408,820	134,453	261,181	1,194	11,992	1,120,456	151,620
10	314,297	139,473	81,074	93,462	50	586,281	247,634	318,519	1,426	18,702	1,548,850	171,677
11	160,922	127,014	101,389	202,944	96,524	401,171	179,518	212,938	1,055	7,960	378,687	85,901
12	336,723	87,660	38,042	52,269	154	412,647	177,965	226,871	2,223	5,588	396,427	139,930
13	271,771	106,011	71,141	80,134	108	526,864	190,629	322,964	909	12,362	1,084,182	186,696
14	120,554	107,770	35,592	123,608	2,002	244,817	69,501	169,680	472	5,164	160,484	72,916
15	235,133	142,020	37,837	63,518	603	477,787	132,238	333,807	1,633	10,089	701,788	147,142
16	432,204	127,422	41,068	319,659	243,970	486,231	236,862	243,767	1,006	4,596	267,631	111,449
17	288,793	76,486	21,095	70,290	66	390,402	106,102	273,129	493	10,678	2,598,833	81,138
18	527,481	165,152	67,930	124,367		625,369	199,949	355,150	962	49,308	642,232	136,013
19	306,230	142,616	55,232	68,741	828	617,522	266,264	329,353	370	21,535	1,464,745	154,401
20	227,553	103,920	27,767	236,864	18,180	343,409	89,934	248,827	451	4,197	308,638	160,423
21	462,083	220,608	168,048	101,616	8	771,113	407,772	338,253	1,386	23,702	843,588	206,365
22	120,123	61,812	23,397	43,671	416	222,168	81,043	132,146	368	3,611	738,538	67,281
23	106,308	97,250	91,906	145,705	589	215,119	127,141	87,074	416	483	1,099,691	73,462
24	225,585	83,739	50,826	57,323	30	405,793	103,681	285,545	1,125	15,442	1,066,895	142,734
25	216,031	102,417	29,701	155,597	64,465	424,311	141,445	269,591	853	12,422	660,178	105,428
26	195,173	88,523	64,101	64,101	25	510,834	224,263	259,646	1,281	25,644	909,187	121,211
27	275,363	167,736	47,855	79,707	938	433,059	124,217	296,276	1,493	11,973	795,607	154,722
28	350,826	194,184	65,285	66,664	1,299	669,710	273,919	370,971	709	24,120	1,534,171	159,438
29	270,592	138,742	38,466	129,842	13,031	507,880	138,646	352,692	2,678	15,864	1,059,018	152,645
30	315,513	134,210	56,666	49,096	15	692,421	317,267	363,657	230	11,327	1,697,373	191,489
31	210,341	80,202	39,630	82,174		448,129	175,627	261,915	244	10,343	1,057,870	123,619
32	201,520	158,958	101,203	187,964	15,796	450,200	162,013	292,520	971	4,696	303,057	150,895
33	300,262	90,637	50,739	63,394	132	663,174	250,297	395,521	355	17,001	1,850,149	131,175
34	252,846	105,906	44,589	208,995	1	558,914	197,177	343,292	562	17,883	1,500,406	136,912
35	221,088	121,439	63,785	63,079	13	482,944	185,756	285,895	259	11,124	1,182,066	148,776
36	491,907	125,580	52,257	117,795		619,454	240,858	351,488	2,100	25,008	1,045,125	160,796
37	238,785	168,221	42,878	173,018	1,065	399,924	124,005	269,580	1,962	4,377	605,080	144,191
38	252,946	81,486	32,433	132,765	13	408,846	168,205	229,409	4,682	6,550	1,020,182	94,610
39	366,815	101,736	41,595	122,322	6,941	587,620	166,975	393,143	1,209	26,293	998,001	154,604
40	178,156	133,713	41,169	453,950	384,604	357,783	121,785	228,547	673	6,778	342,521	87,244
41	204,731	101,328	23,330	94,216		329,470	86,344	235,304	928	6,894	633,015	72,655
42	271,607	136,825	43,973	89,126	5,423	477,821	197,020	269,612	430	10,759	1,427,356	161,798
43	266,771	210,003	48,470	153,535	2,249	489,659	157,769	322,083	2,914	6,943	1,311,203	162,142
44	393,661	217,323	105,658	130,051		720,960	269,287	415,610	1,218	34,845	1,513,158	183,479
45	288,541	102,468	55,410	94,831		511,434	189,347	269,569	488	52,000	847,071	106,908
46	547,683	207,312	22,783	50,106		748,350	512,872	225,347	2,479	7,652	457,895	87,533
47	339,936	209,417	85,612	120,615	20	623,666	340,799	268,666	1,447	12,754	547,781	95,774
48	189,677	89,844	45,700	122,244	200	306,237	104,826	185,844	1,597	7,970	521,316	88,147
49	322,000	113,759	60,524	86,077	1	645,757	250,330	375,908	437	10,082	1,629,612	172,694
50	394,060	398,452	107,688	380,612	4,291	1,028,911	695,995	327,793	384	4,739	994,846	118,015
51	314,973	190,896	84,691	130,590	41	592,531	267,248	300,070	1,304	23,909	936,589	166,310
52	112,098	44,613	19,050	90,271	540	221,460	48,300	161,988	250	10,922	310,143	73,885
53	286,982	129,371	59,039	126,625		552,885	213,454	323,355	1,134	14,922	1,052,492	138,688
54	187,472	109,056	35,972	110,884	510	296,522	116,470	171,076	822	8,151	337,608	82,247
55	269,027	113,104	69,169	86,421	18	585,518	172,780	386,190	1,364	25,184	1,902,859	178,879
56	235,592	110,390	45,903	112,305	744	491,782	188,307	295,027	1,404	7,044	962,606	115,669
57	151,339	39,706	14,450	21,112	16	210,962	77,478	127,175	3,058	3,251	571,476	53,659
58	354,338	281,030	87,260	165,273	133	582,702	222,557	314,862	760	44,407	1,334,151	138,301
59	93,897	19,442	11,193	144,009	142,770	104,125	36,170	64,198	134	3,000	91,010	26,325
60	168,863	116,256	46,240	154,699	1,352	407,569	136,898	259,797	913</			

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF

EAST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Cereals.			
						Total.	Corn.	Wheat.	Oats.
62 Purko.....	286,080	256,392	160,741	\$18,231,405	\$2,075,685	\$1,505,874	\$1,010,312	\$385,317	\$102,179
63 Perry.....	245,760	212,939	109,506	5,152,079	1,082,689	650,055	375,510	260,303	16,324
64 Pike.....	216,320	194,723	108,378	9,716,720	1,362,751	1,010,738	734,018	247,987	25,420
65 Porter.....	205,600	239,320	180,130	10,301,911	2,195,255	1,491,807	838,096	232,881	382,208
66 Posey.....	257,280	238,834	212,343	18,320,040	3,026,907	2,013,133	1,252,553	1,369,113	21,256
67 Pulaski.....	276,480	258,170	103,784	10,497,543	1,596,280	1,228,047	769,110	244,002	195,436
68 Putnam.....	309,120	292,309	198,573	20,398,825	2,059,545	1,446,031	1,091,091	211,455	136,647
69 Randolph.....	286,080	280,332	240,587	29,318,595	2,080,050	2,323,823	1,781,934	207,249	329,873
70 Ripley.....	286,720	273,171	200,282	12,584,050	1,718,961	1,037,592	638,843	321,400	58,671
71 Rush.....	201,760	253,872	221,800	31,280,415	3,388,713	2,902,463	2,160,690	692,726	48,260
72 St. Joseph.....	294,400	253,463	205,543	25,444,093	2,712,873	1,720,050	827,086	615,023	251,118
73 Scott.....	121,000	111,341	82,801	4,670,170	576,827	460,170	178,049	160,308	17,774
74 Shelby.....	360,480	251,003	224,120	31,401,623	3,351,802	2,843,100	2,069,033	732,432	40,974
75 Spencer.....	237,920	236,599	199,063	13,121,759	2,170,758	1,435,048	712,844	673,061	36,248
76 Starke.....	195,200	158,009	105,832	8,948,800	887,257	584,241	387,773	98,983	69,963
77 Steuben.....	195,200	183,911	140,208	13,743,448	1,904,675	1,318,510	641,800	363,070	222,120
78 Sullivan.....	294,400	255,399	210,818	18,378,554	2,167,619	1,502,789	1,090,066	387,242	83,126
79 Switzerland.....	142,080	136,850	103,010	5,625,763	1,139,703	850,803	245,377	80,962	14,257
80 Tippecanoe.....	321,920	299,305	205,454	34,220,057	4,401,636	3,483,079	2,373,201	386,302	718,855
81 Tipton.....	166,400	163,009	144,723	23,637,361	2,410,445	1,954,548	1,463,415	271,292	216,638
82 Union.....	103,680	102,182	80,394	9,495,008	1,113,220	945,014	728,160	194,243	22,536
83 Vanderburg.....	149,120	132,648	114,736	13,029,454	1,925,786	1,311,355	645,113	440,348	16,151
84 Vermillion.....	162,560	149,208	119,018	13,373,465	1,716,685	1,308,170	883,215	243,630	238,651
85 Vigo.....	201,760	230,576	190,373	20,472,940	2,021,869	1,388,149	820,948	437,723	127,242
86 Wabash.....	272,000	240,327	200,025	26,402,191	2,886,765	2,000,340	1,214,217	497,123	370,152
87 Warren.....	235,520	217,000	191,711	24,180,398	2,597,753	2,379,168	1,616,003	152,600	609,154
88 Warrick.....	250,880	235,234	207,780	13,124,954	2,124,064	1,367,433	702,380	667,019	25,569
89 Washington.....	332,160	310,050	212,907	11,265,619	1,002,707	1,000,680	613,522	294,120	84,416
90 Wayne.....	263,040	247,055	202,002	24,065,733	2,712,347	2,022,109	1,507,481	419,362	93,655
91 Wells.....	233,000	220,113	194,733	26,297,426	2,987,663	1,768,312	1,020,672	137,554	393,462
92 White.....	321,480	314,583	277,753	30,363,732	2,988,907	2,548,915	1,735,000	181,183	608,581
93 Whitley.....	210,320	202,763	162,005	18,283,979	2,044,053	1,302,850	694,766	315,446	365,714

ILLINOIS.

1 The state.....	35,867,520	32,532,937	28,048,323	\$3,905,321,075	\$372,270,470	\$297,523,098	\$198,350,496	\$38,000,712	\$59,693,819
2 Adams.....	538,880	495,864	388,573	45,275,190	5,102,564	3,788,357	2,292,002	1,163,201	356,390
3 Alexander.....	144,640	82,896	40,893	3,809,774	619,027	425,471	202,216	158,002	5,193
4 Bond.....	248,320	223,286	107,900	14,300,000	1,567,830	1,141,681	732,984	273,133	130,831
5 Boone.....	187,520	172,312	146,091	20,849,153	1,750,844	1,222,271	677,845	7,903	433,047
6 Brown.....	100,080	181,039	132,404	15,905,363	1,578,005	1,228,500	877,887	288,050	58,022
7 Bureau.....	563,840	524,455	461,175	76,634,035	7,165,497	6,008,065	4,275,720	141,352	1,568,672
8 Calhoun.....	163,840	142,008	76,168	7,233,195	1,010,784	724,427	362,365	10,905	10,905
9 Carroll.....	289,920	272,814	222,870	28,319,727	2,700,898	1,900,327	1,370,827	11,619	551,741
10 Cass.....	237,440	207,007	167,732	24,458,480	2,574,318	2,330,705	1,404,672	768,605	163,605
11 Champain.....	667,520	608,428	596,008	123,312,914	9,091,658	9,194,789	6,653,008	292,924	2,278,264
12 Christian.....	448,000	422,520	407,383	62,351,147	5,403,041	4,722,435	3,303,005	917,798	499,631
13 Clark.....	315,520	301,318	248,239	20,079,328	1,803,000	1,203,773	704,043	238,734	166,095
14 Clay.....	295,680	260,489	236,351	14,155,041	1,652,385	1,093,024	903,128	91,540	96,449
15 Clinton.....	309,120	280,440	244,550	17,042,941	2,488,120	2,117,627	720,960	1,150,255	228,025
16 Coles.....	330,000	306,008	280,207	48,687,765	4,463,738	3,279,262	2,572,599	189,731	515,215
17 Cook.....	597,120	587,003	331,092	91,048,002	8,941,336	2,166,113	1,144,185	69,156	925,251
18 Crawford.....	280,020	248,143	211,753	18,784,505	1,624,073	1,168,718	806,068	221,607	79,679
19 Cumberland.....	225,920	205,725	189,189	15,828,183	1,371,009	714,715	465,493	194,627	113,171
20 DeKalb.....	408,320	388,838	304,905	58,047,143	5,457,231	4,436,283	2,949,662	13,966	1,422,570
21 Dewitt.....	205,600	243,901	222,607	41,810,300	3,378,830	3,378,407	2,518,001	141,761	717,632
22 Douglas.....	266,880	256,478	246,503	51,593,050	4,200,444	3,745,992	2,951,590	137,605	655,265
23 Dupage.....	220,800	178,000	154,881	25,174,987	2,170,616	1,273,117	620,177	60,780	556,692
24 Edgar.....	367,440	331,150	352,017	59,230,903	5,315,001	4,889,637	3,574,830	266,443	994,865
25 Edwards.....	152,320	147,194	139,158	9,825,563	1,107,364	814,023	509,074	166,141	77,497
26 Ellington.....	327,040	281,310	233,078	10,953,704	1,724,101	1,211,587	694,673	161,781	234,024
27 Fayette.....	464,560	417,832	355,196	25,480,207	2,721,067	2,013,765	1,384,163	408,796	212,254
28 Ford.....	320,000	304,019	309,811	32,568,207	5,272,057	4,901,850	3,335,848	45,329	1,519,459
29 Franklin.....	281,800	222,578	194,252	12,001,604	1,301,401	820,400	687,061	96,798	40,727
30 Fulton.....	565,760	506,222	357,578	88,579,979	5,650,830	4,522,392	2,993,857	1,063,895	460,730
31 Gallatin.....	216,320	162,693	139,890	10,347,171	1,550,741	1,313,805	806,908	472,350	34,082
32 Groves.....	329,000	308,579	244,599	29,285,805	3,206,145	2,507,907	1,753,474	768,211	54,230
33 Grundy.....	277,120	249,984	228,989	37,808,995	3,774,500	3,488,722	2,385,022	14,624	1,081,944
34 Hamilton.....	291,200	247,906	216,708	12,090,033	1,369,868	864,002	725,468	94,268	43,890
35 Hancock.....	499,200	479,010	393,167	50,825,871	4,926,305	3,823,112	2,070,601	679,014	449,991
36 Hardin.....	118,400	102,617	70,001	2,356,892	471,629	316,058	292,657	18,915	5,185

# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## EAST NORTH CENTRAL—Continued.

VALUE: 1909—continued.												
	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
				Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
<b>INDIANA—Continued.</b>												
62	\$240,003	\$118,248	\$54,834	\$60,720	\$42	\$428,159	\$108,018	\$302,676	\$1,077	\$16,368	\$980,293	\$116,082
63	151,344	99,481	45,762	135,447	10,253	216,204	63,507	149,514	201	2,982	167,659	85,395
64	172,660	79,309	24,512	75,472	11,092	314,361	80,161	225,493	699	8,028	755,511	126,983
65	473,420	110,019	56,065	57,884	1	728,380	527,133	190,196	3,842	7,209	491,275	85,660
66	218,694	102,479	23,987	38,614	26	252,762	92,124	154,121	2,051	4,466	690,154	122,558
67	187,287	84,030	29,976	69,946	72	350,260	114,929	230,857	1,659	11,815	751,363	96,905
68	270,080	162,379	57,356	116,799	412	576,050	112,778	436,062	1,598	25,612	1,351,571	170,676
69	347,228	99,489	43,259	166,251	65,543	658,369	219,646	420,536	891	17,296	1,721,019	199,526
70	353,608	115,991	25,110	187,084	65,421	648,034	274,212	369,090	584	4,148	428,287	117,490
71	269,857	90,815	34,061	90,917	4,825	452,153	121,852	318,250	469	13,582	2,390,998	147,982
72	364,208	312,233	117,173	199,209	.....	665,435	411,603	239,942	1,844	12,046	361,716	192,838
73	71,419	82,114	16,727	49,906	8,458	168,170	41,922	124,013	606	1,629	230,354	44,168
74	271,685	114,256	37,090	85,611	22	682,300	206,594	363,265	763	11,738	1,450,092	165,292
75	269,299	77,719	33,021	355,071	269,572	355,353	129,225	223,372	817	1,939	281,492	125,405
76	98,922	149,978	13,367	40,749	15	210,206	99,861	107,028	1,970	1,347	179,167	59,494
77	302,442	100,473	61,350	121,900	10	455,525	139,591	243,067	860	72,007	962,592	92,357
78	337,927	144,927	44,329	77,047	53	479,143	141,439	317,887	3,779	14,038	365,690	158,126
79	164,766	60,932	24,815	532,387	490,095	562,307	251,917	155,266	233	5,723	166,511	65,065
80	277,318	115,650	80,489	84,400	.....	490,090	193,804	278,267	1,367	6,632	1,118,291	192,725
81	191,327	178,695	49,397	36,578	12	447,782	150,266	286,060	619	10,847	1,659,963	121,305
82	93,899	20,717	14,869	29,727	.....	210,478	86,933	114,525	70	8,950	639,961	28,873
83	246,676	178,719	70,727	118,309	696	440,716	290,124	148,719	1,083	790	144,467	120,766
84	133,700	69,765	28,000	110,881	145	249,971	86,965	149,783	1,450	2,773	491,681	74,344
85	260,081	243,596	61,684	68,459	10	466,822	219,658	240,984	2,705	3,575	342,964	96,230
86	434,098	127,910	80,376	153,141	454	642,126	247,567	370,436	1,259	22,594	1,686,112	161,951
87	129,198	41,040	23,832	24,515	.....	214,681	60,848	145,848	798	7,187	395,325	86,382
88	306,404	112,475	42,130	265,222	182,711	378,142	138,843	281,664	819	6,896	413,562	159,599
89	278,082	110,305	63,303	144,397	2,007	455,970	148,621	294,316	1,449	13,584	738,677	129,594
90	295,445	141,027	53,896	199,810	1,958	566,489	264,061	290,095	487	11,846	1,479,420	121,336
91	442,194	78,895	35,456	75,006	38	587,589	171,184	387,881	922	27,602	1,302,349	175,870
92	272,068	90,499	41,410	48,415	2	412,443	119,933	281,753	1,522	9,235	1,137,595	118,136
93	328,434	158,720	42,215	121,825	.....	506,048	181,861	302,861	1,020	20,306	828,590	119,635

## ILLINOIS.

1	\$40,560,220	\$16,300,654	\$5,414,594	\$12,471,904	\$80,389	\$65,088,202	\$31,542,209	\$32,282,613	\$200,763	\$1,062,617	\$132,622,547	\$14,424,127
2	648,674	279,733	154,333	231,467	232	861,785	320,108	512,613	2,631	26,593	2,410,500	182,126
3	101,040	39,470	14,646	37,882	57	60,091	19,891	39,427	566	207	101,040	31,696
4	290,470	17,872	41,097	41,097	20	694,752	394,222	291,845	932	7,753	664,568	115,366
5	400,932	84,874	11,335	39,932	3,848	1,154,718	949,898	155,656	873	48,501	728,627	25,394
6	205,638	62,650	23,625	67,726	94	240,885	42,918	187,905	1,277	8,790	1,079,747	89,534
7	849,224	175,702	43,218	88,388	.....	784,112	300,609	463,325	2,571	17,607	3,152,606	177,527
8	73,062	49,424	130,564	38,677	43	142,080	29,100	119,274	1,298	4,314	236,561	75,232
9	618,332	111,805	18,057	58,877	2	550,103	321,296	214,265	2,060	12,432	1,978,176	93,746
10	95,502	73,840	29,508	45,203	82	173,228	49,458	128,059	697	1,014	1,027,983	62,698
11	436,075	178,107	114,753	67,934	16	858,080	346,616	496,540	4,126	11,798	1,578,316	250,496
12	514,661	122,928	55,529	47,488	23	611,113	167,473	431,703	1,825	10,112	2,298,161	213,698
13	418,804	102,112	39,470	98,844	340	516,910	127,485	371,356	3,454	13,035	871,290	150,335
14	204,851	97,123	45,362	212,025	19,085	544,623	94,837	436,462	1,740	11,494	642,369	131,277
15	218,391	83,965	28,712	39,484	106	759,580	391,302	361,582	2,067	4,679	312,867	174,583
16	350,104	112,437	62,643	650,292	27	512,243	143,176	361,010	1,723	5,494	1,530,811	156,413
17	1,330,006	2,843,926	44,485	2,556,806	.....	2,276,918	1,740,898	531,775	2,478	1,767	565,945	247,927
18	275,178	98,744	32,720	49,313	4,039	455,238	118,358	321,629	2,957	12,394	944,167	144,548
19	344,408	60,937	47,069	203,970	219	448,448	88,876	354,533	2,751	3,289	600,328	119,230
20	821,728	113,801	22,230	63,189	40	1,073,442	702,532	353,314	3,010	14,526	2,670,519	81,841
21	180,668	70,375	44,163	20,127	161	317,624	121,535	184,290	748	11,045	874,464	175,665
22	180,602	68,680	24,594	180,510	287	383,645	110,776	266,211	2,576	4,682	1,129,646	137,669
23	525,413	90,748	17,434	254,909	3	1,549,750	1,349,039	199,594	528	589	793,595	199,367
24	280,132	104,547	36,587	54,698	167	481,768	131,197	337,942	1,078	11,551	2,067,071	196,322
25	157,283	43,082	17,666	74,710	968	290,269	239,532	59,555	689	12,749	416,465	78,619
26	300,664	80,720	31,855	98,285	883	610,875	239,120	363,732	1,883	6,143	569,519	121,272
27	424,885	143,616	51,251	88,450	809	824,283	212,730	590,294	2,465	18,804	1,372,435	197,367
28	232,728	86,821	21,181	30,377	.....	416,632	156,084	257,617	771	2,980	739,573	111,936
29	232,683	147,219	25,843	60,226	1,786	473,003	119,570	339,027	6,464	7,093	441,694	146,472
30	723,770	159,787	140,832	104,099	43	703,714	283,450	428,194	1,655	10,415	3,089,329	343,129
31	114,910	67,191	21,817	33,009	317	223,705	40,484	178,661	934	3,628	366,149	96,799
32	334,867	100,625	117,008	84,838	18	511,823	209,706	280,616	1,061	20,440	1,937,010	153,304
33	209,740	53,351	5,328	17,428	.....	312,846	120,233	187,132	2,790	2,691	626,629	62,424
34	245,132	97,230	37,120	115,694	13,019	463,466	62,921	354,307	5,343	11,565	717,516	139,772
35	740,309	139,810	129,835	84,299	4	726,624	222,290	480,985	3,621	19,728	2,688,696	220,114
36	51,489	31,274	24,166	48,042	247	116,761	29,860	84,893	406	1,602	268,134	35,527

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1900				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
37 Henderson.....	240,040	200,307	100,228	\$24,203,576	\$2,124,501	\$1,815,000	\$1,341,311	\$244,362	\$217,346
38 Henry.....	627,360	504,927	457,488	72,220,403	6,238,444	5,006,100	3,740,724	94,593	1,208,268
39 Iroquois.....	717,440	679,335	648,240	105,107,898	10,607,811	9,705,841	6,589,924	71,930	3,112,821
40 Jackson.....	376,320	305,759	219,307	18,799,000	2,185,086	1,488,049	798,430	644,667	44,320
41 Jasper.....	325,120	290,375	203,330	18,785,026	1,801,961	1,076,740	787,643	149,170	135,873
42 Jefferson.....	385,920	336,340	286,556	16,030,000	1,807,737	1,175,155	1,001,350	114,046	57,953
43 Jersey.....	234,880	215,933	156,271	16,314,873	2,089,284	1,650,781	945,116	683,181	58,128
44 Jo Daviess.....	308,720	363,130	255,697	28,951,447	2,704,000	1,680,056	1,135,474	21,907	432,092
45 Johnson.....	222,720	201,438	144,572	7,094,983	1,120,554	653,627	550,050	84,246	9,739
46 Kanon.....	337,280	303,284	255,550	42,381,866	3,928,080	2,682,250	1,690,520	52,846	867,526
47 Kankakee.....	427,520	402,237	371,730	53,657,317	5,032,515	4,298,265	2,743,683	73,637	1,456,707
48 Kendall.....	207,360	195,774	178,408	26,630,229	2,723,457	2,407,369	1,525,169	22,265	858,548
49 Knox.....	455,040	424,420	60,776,744	60,776,744	5,146,135	4,190,537	2,902,624	523,280	742,853
50 La Salle.....	733,440	692,755	605,014	114,011,820	10,222,235	9,044,498	6,230,355	55,671	2,745,826
51 LaSalle.....	201,200	251,003	181,682	31,031,567	2,392,597	1,222,242	650,428	41,854	470,771
52 Lawrence.....	220,120	201,805	183,020	16,470,065	1,701,015	1,300,872	895,632	397,750	66,323
53 Lee.....	474,880	443,814	401,014	50,155,367	5,378,704	4,397,607	2,970,710	68,985	1,333,015
54 Livingston.....	667,520	646,551	630,408	121,558,684	11,377,297	10,678,861	6,946,368	90,269	3,639,759
55 Logan.....	304,880	381,478	304,976	69,724,818	6,411,272	5,842,373	4,030,685	359,233	942,300
56 McDonough.....	376,320	353,770	303,255	50,781,741	4,385,410	3,780,900	2,689,672	650,522	406,604
57 McHenry.....	306,800	308,931	264,200	39,088,944	3,432,771	2,200,112	1,508,027	27,374	630,385
58 McLean.....	702,240	733,161	703,695	147,846,611	12,811,506	11,480,655	8,158,060	233,868	3,084,990
59 Macon.....	374,400	350,046	342,300	67,380,852	5,988,550	5,341,780	3,974,241	412,660	953,556
60 Macoupin.....	550,400	511,225	400,831	47,445,913	4,800,433	3,939,451	2,503,721	1,095,248	339,241
61 Madison.....	471,080	408,487	354,456	39,715,168	4,857,437	3,614,017	1,476,083	1,973,229	163,068
62 Marion.....	304,160	335,624	287,048	18,548,141	1,946,301	1,266,929	900,889	211,383	123,571
63 Marshall.....	253,440	232,456	195,827	34,664,600	3,087,730	2,748,028	1,832,404	45,681	869,470
64 Mason.....	355,200	304,220	267,261	33,040,092	3,586,190	3,267,410	1,776,738	1,217,008	296,496
65 Massac.....	153,600	126,341	94,575	6,830,808	903,054	670,453	369,852	198,455	9,765
66 Menard.....	202,880	192,610	176,938	28,395,306	2,555,316	2,271,180	1,447,700	563,130	259,373
67 Mercer.....	345,600	326,311	271,415	43,741,686	3,525,524	2,844,467	2,357,430	59,728	406,639
68 Monroe.....	248,000	208,700	165,430	12,051,162	2,072,504	1,092,413	476,478	1,163,747	48,757
69 Montgomery.....	440,900	420,308	391,175	40,805,170	4,144,005	3,288,261	2,078,179	795,293	408,483
70 Morgan.....	352,040	352,040	315,461	54,630,174	4,605,526	4,161,828	3,005,757	784,848	367,211
71 Moultrie.....	210,320	207,240	195,180	37,634,930	2,788,818	2,319,852	1,808,235	124,708	386,784
72 Oglesby.....	483,840	402,010	390,085	55,905,993	5,327,453	4,209,777	2,527,541	22,969	1,666,752
73 Peoria.....	407,040	353,750	48,830,940	48,830,940	4,480,392	3,422,386	2,288,066	390,069	736,522
74 Perry.....	288,640	234,015	188,305	10,471,824	1,200,385	820,577	441,056	288,659	94,630
75 Piatt.....	288,640	274,037	54,002,882	54,002,882	4,366,882	3,976,758	2,897,920	286,581	791,517
76 Pike.....	608,040	476,810	345,253	30,135,794	4,560,131	3,570,055	2,431,554	1,025,786	116,075
77 Pope.....	246,400	211,484	139,947	5,227,405	912,613	577,756	467,422	93,104	16,797
78 Pulaski.....	121,000	77,311	77,311	0,115,219	1,070,587	662,224	376,745	172,100	12,951
79 Putnam.....	110,720	92,596	67,887	12,080,505	1,083,398	917,819	669,206	23,010	223,616
80 Randolph.....	375,680	323,237	248,154	17,082,238	2,433,094	1,809,959	653,126	1,142,313	100,399
81 Richland.....	228,480	217,258	194,814	13,161,307	1,406,436	804,303	612,136	106,758	83,337
82 Rock Island.....	271,360	237,936	184,800	28,296,437	2,447,091	1,628,115	1,288,797	63,977	222,483
83 St. Clair.....	424,320	364,523	300,541	38,262,763	4,761,122	3,488,491	1,180,934	2,080,198	210,866
84 Saline.....	255,360	213,831	183,740	11,018,384	1,803,656	890,071	644,225	194,838	51,283
85 Sangamon.....	560,040	520,900	489,591	85,743,114	7,458,942	6,419,931	4,624,378	675,843	818,322
86 Schuyler.....	270,480	250,105	170,507	24,050,822	2,570,011	2,092,570	1,215,138	781,176	91,671
87 Scott.....	150,360	150,586	122,163	16,138,842	1,782,674	1,560,903	1,069,143	458,040	29,706
88 Shelby.....	404,080	461,878	425,183	51,217,216	4,380,700	3,325,308	2,462,684	331,245	526,126
89 Stark.....	185,600	175,719	160,040	27,082,397	2,417,177	2,092,700	1,519,027	50,436	521,070
90 Stephenson.....	357,760	344,921	300,882	40,298,733	3,043,588	2,547,340	1,520,572	16,139	886,581
91 Tazewell.....	414,080	374,528	328,563	65,152,531	5,573,005	4,827,583	3,130,424	672,778	1,010,659
92 Union.....	257,020	227,405	152,218	10,440,084	2,017,813	865,030	481,372	356,712	25,789
93 Vermillion.....	680,440	534,385	500,365	87,092,954	7,410,940	6,551,752	4,610,652	1,213,401	1,714,492
94 Wabash.....	140,800	124,070	110,871	10,802,120	1,390,965	1,181,333	714,393	413,326	52,827
95 Warren.....	340,440	320,653	282,716	52,135,736	4,239,718	3,636,404	2,726,100	348,734	555,621
96 Washington.....	350,040	329,135	272,011	16,245,414	2,320,220	1,981,154	533,411	1,205,642	240,567
97 Wayne.....	460,120	408,512	355,337	20,054,467	2,414,287	1,415,708	1,213,401	131,977	68,962
98 White.....	324,480	285,027	282,027	20,445,316	2,627,300	2,182,817	1,386,779	739,303	55,627
99 Whiteside.....	434,560	410,465	365,211	50,172,923	4,016,745	3,550,012	2,569,342	107,671	807,719
100 Will.....	540,100	498,651	444,611	67,538,743	6,426,230	5,273,093	3,134,038	79,504	2,042,863
101 Williamson.....	287,360	227,642	192,223	10,594,473	1,317,585	778,964	132,446	132,446	35,631
102 Winnebago.....	338,560	303,080	262,138	34,444,174	3,107,191	2,020,776	1,151,217	8,098	750,973
103 Woodford.....	337,920	316,064	278,248	57,535,374	4,525,310	4,030,029	2,636,634	116,609	1,275,422

ILLINOIS—Continued.



# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

EAST NORTH CENTRAL—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>ILLINOIS—Continued.</b>												
37	\$204,165	\$43,473	\$30,646	\$30,308	-----	\$201,796	\$54,035	\$139,438	\$396	\$7,427	\$1,891,502	\$62,396
38	879,816	140,053	58,202	58,202	-----	737,047	310,415	416,374	2,647	7,611	3,635,223	137,192
39	464,328	211,061	08,135	68,446	\$23	909,814	312,583	585,155	5,255	6,721	1,387,342	218,651
40	278,683	240,313	79,747	97,694	426	380,571	147,992	224,927	3,814	3,838	415,030	174,249
41	386,904	112,717	36,470	189,130	543	576,802	106,037	451,902	3,102	15,701	684,355	148,047
42	338,364	132,047	40,245	121,926	1,576	630,146	151,644	460,199	2,879	15,424	928,853	193,616
43	191,437	76,391	28,752	55,023	33	308,987	114,345	188,974	604	5,064	806,354	127,698
44	812,140	137,798	23,075	110,988	9,080	745,358	448,297	256,175	2,332	38,554	1,956,064	128,490
45	199,340	95,187	84,922	96,478	1,347	200,039	60,587	132,264	1,900	5,288	446,691	78,459
46	858,971	165,871	33,485	187,509	9	2,744,048	2,441,543	289,628	3,230	9,647	2,001,256	67,217
47	487,058	156,379	27,607	63,146	90	614,956	262,725	347,870	2,872	1,489	784,656	106,152
48	253,320	42,626	8,210	11,932	-----	365,797	174,142	183,075	676	7,304	664,272	37,300
49	639,788	128,341	30,448	101,021	-----	628,028	258,591	359,940	1,518	7,979	2,758,615	117,469
50	802,857	247,674	44,460	82,746	20	1,897,834	1,598,250	281,825	3,898	13,852	1,991,409	296,633
51	860,965	170,335	35,256	113,799	6	990,578	423,180	558,320	1,275	7,303	755,632	89,200
52	194,899	89,416	13,393	42,435	555	321,173	86,373	224,150	1,914	8,736	367,569	114,772
53	727,227	158,355	30,531	65,074	40	986,094	576,361	311,402	1,699	16,032	1,722,836	130,201
54	396,835	165,435	48,032	88,134	1	925,671	337,296	580,074	1,457	6,214	1,236,353	224,512
55	275,667	125,140	66,521	101,581	2,845	513,955	171,413	334,464	1,634	6,454	1,037,074	199,423
56	397,268	91,321	75,672	40,258	20	493,325	150,370	336,437	1,010	5,508	2,513,715	174,892
57	872,581	182,459	22,458	65,161	12	3,395,962	3,049,187	336,868	2,259	7,648	1,247,479	92,335
58	694,684	270,661	121,062	244,444	40	1,094,130	466,635	602,951	1,009	23,535	4,144,602	318,150
59	326,755	155,624	86,968	75,214	55	614,020	244,958	360,883	1,363	7,316	1,117,379	197,179
60	624,234	144,805	55,569	102,374	48	1,009,673	400,731	562,875	1,277	44,990	2,580,766	230,689
61	535,123	514,136	61,912	131,349	10	1,298,488	702,373	588,003	1,962	6,150	755,908	278,901
62	294,688	132,955	68,797	152,932	870	622,936	161,005	443,251	2,531	16,149	843,417	160,664
63	242,988	52,578	22,172	21,964	-----	275,053	96,282	171,746	525	4,500	990,446	32,847
64	167,331	55,527	39,428	58,500	-----	277,317	79,799	195,618	1,130	710	545,579	121,102
65	152,738	67,750	50,052	53,061	201	141,976	55,423	84,254	830	1,469	278,200	74,693
66	162,856	51,827	43,842	25,661	-----	250,752	65,238	179,986	642	4,836	1,687,761	84,596
67	497,781	76,393	36,494	69,989	-----	394,394	142,491	226,480	3,144	12,279	2,706,182	91,082
68	146,607	155,023	18,432	59,129	8	284,710	76,476	205,852	348	1,943	145,021	135,599
69	603,154	128,309	71,585	55,596	158	806,258	293,476	487,971	1,695	23,206	2,171,261	214,090
70	270,640	130,393	55,209	74,456	-----	586,636	194,471	373,794	644	17,727	3,894,811	211,175
71	191,315	65,084	27,645	184,922	6	313,893	80,261	228,751	1,038	3,843	697,569	94,758
72	759,035	208,969	24,325	64,847	118	754,221	408,590	328,296	1,135	16,200	2,759,455	148,134
73	591,124	192,361	106,637	167,884	-----	753,297	411,969	333,010	1,113	7,205	1,496,491	137,273
74	135,142	102,332	25,843	110,491	449	366,356	97,641	264,070	2,298	2,377	225,641	108,045
75	244,078	68,442	26,588	50,218	-----	285,600	90,532	179,187	1,687	14,144	1,054,958	137,617
76	520,877	135,527	125,374	211,208	25	591,405	121,294	426,919	1,679	42,313	2,462,543	174,628
77	147,275	74,677	44,766	68,139	1,392	193,015	49,522	139,167	375	3,951	367,057	81,791
78	117,608	145,082	189,116	94,957	318	160,654	74,230	85,023	671	720	176,059	61,090
79	104,147	32,819	10,870	18,743	-----	153,597	56,553	63,903	912	2,229	438,303	27,988
80	275,182	118,330	34,770	105,408	320	478,602	132,938	337,529	1,330	6,805	629,263	205,888
81	299,741	82,976	60,862	158,554	205	431,652	135,842	286,677	967	8,166	514,697	90,712
82	482,308	186,690	80,548	70,930	-----	540,460	302,196	228,148	2,729	7,367	1,450,845	80,709
83	405,353	689,389	67,776	110,113	25	776,845	317,054	455,980	2,038	1,993	407,205	288,713
84	270,622	97,821	56,134	49,008	7,694	358,376	111,410	241,482	2,022	3,462	675,358	124,241
85	499,594	232,361	104,982	212,074	15	805,532	304,640	481,679	1,979	17,234	2,979,044	268,326
86	261,348	82,464	49,602	93,018	70	343,060	77,467	258,635	1,968	5,000	1,296,517	124,397
87	116,690	51,891	29,090	24,010	15	234,379	58,554	169,887	428	5,510	1,028,180	88,646
88	637,891	126,042	64,454	226,984	81	764,321	198,880	540,409	2,551	22,481	1,826,764	225,673
89	234,788	43,401	22,472	23,766	5	206,640	64,674	128,855	816	12,795	1,014,367	53,070
90	513,933	186,061	28,014	68,240	3	1,212,288	797,881	392,428	4,334	27,647	1,731,914	165,684
91	420,489	128,610	110,540	85,783	-----	584,261	248,934	323,308	674	11,345	1,368,668	194,182
92	229,572	480,294	279,967	162,950	506	232,473	78,895	149,892	1,154	2,532	281,192	138,078
93	401,264	254,085	90,875	118,970	14	836,471	329,019	485,438	4,319	17,695	1,806,048	246,468
94	129,228	43,209	8,884	37,311	234	187,708	51,057	131,695	914	4,042	260,888	60,635
95	439,666	73,653	44,899	45,036	-----	456,430	178,176	268,279	1,043	8,932	3,844,725	93,299
96	165,996	89,601	28,652	60,823	62	515,649	173,146	338,385	1,625	2,493	426,438	159,158
97	338,989	160,943	48,825	449,822	1,632	766,387	147,370	592,242	4,515	22,260	858,490	191,798
98	241,173	135,996	24,000	42,474	177	442,995	73,291	352,074	3,447	13,583	697,458	154,027
99	702,432	243,761	38,465	82,075	-----	944,145	591,680	336,065	5,919	10,481	2,289,775	99,537
100	804,771	207,014	39,147	101,614	50	1,325,418	806,592	510,340	3,851	4,635	1,417,247	226,426
101	271,564	143,232	71,139	52,686	710	399,082	159,477	229,388	2,872	1,345	454,553	171,232
102	653,838	182,449	35,497	208,631	988	934,539	656,743	257,472	2,104	18,020	1,450,866	42,122
103	279,373	128,338	54,470	33,109	-----	436,395	145,402	286,891	327	3,775	1,332,998	155,219

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST NORTH CENTRAL--Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Total.	Corn.	Wheat.	Oats.
1 The state	36,787,200	18,940,014	12,832,078	\$1,088,868,379	\$162,004,681	\$70,544,250	\$20,580,029	\$16,586,868	\$18,508,198
2 Alcona	437,760	104,732	38,037	2,485,841	372,638	110,670	18,488	25,925	41,882
3 Alger	588,800	20,539	5,643	814,237	116,730	7,090	353	946	3,911
4 Allegan	533,120	472,708	354,105	32,108,550	4,596,801	2,114,532	983,107	644,437	348,138
5 Alpena	373,760	51,403	3,338,255	545,029	780,037	124,650	12,095	25,783	71,572
6 Antrim	304,000	145,430	78,810	4,801,003	780,037	244,844	115,350	29,120	57,690
7 Arenac	230,300	114,176	55,371	3,040,878	642,855	199,325	77,080	18,851	79,659
8 Baraga	580,880	34,844	9,344	1,145,032	217,535	10,015	183	2,507	13,839
9 Barry	355,840	336,836	252,207	18,083,202	2,848,040	1,091,300	775,570	539,828	273,046
10 Bay	283,520	213,222	142,635	13,578,516	2,381,800	747,200	316,417	68,294	326,281
11 Benzie	200,960	98,588	48,850	3,568,730	610,255	172,886	92,050	22,901	26,880
12 Berrien	304,160	333,326	200,074	34,518,200	4,771,107	1,628,222	798,003	508,732	224,887
13 Branch	318,080	306,489	228,370	21,042,044	2,870,587	1,804,142	878,576	556,605	376,712
14 Calhoun	443,520	411,801	310,968	25,001,237	3,078,801	2,719,812	1,109,358	933,598	500,286
15 Cass	315,520	205,435	224,140	18,147,622	2,408,265	1,074,031	763,564	643,791	190,511
16 Charlevoix	203,040	127,625	61,587	3,943,507	700,023	175,005	71,726	23,851	45,144
17 Cheboygan	464,000	120,418	50,925	3,440,314	597,171	114,002	27,530	5,483	58,912
18 Chippewa	1,000,720	176,237	79,336	5,030,508	806,583	240,023	3,434	19,837	194,571
19 Clare	372,480	164,005	53,021	3,772,043	542,089	189,707	73,680	33,438	45,379
20 Clinton	365,440	351,040	282,520	25,550,457	3,457,698	1,794,074	715,159	493,359	499,556
21 Crawford	368,000	40,610	10,701	787,245	112,323	23,302	7,973	1,601	10,456
22 Delta	748,160	112,811	42,032	3,500,854	731,830	121,028	3,319	7,469	84,307
23 Dickinson	490,040	43,480	8,342	941,302	153,501	20,105	1,011	1,900	24,271
24 Eaton	365,440	335,833	268,897	22,800,874	3,643,868	1,636,981	705,642	301,498	383,394
25 Emmet	310,400	124,972	54,205	4,084,950	701,064	163,707	66,510	13,303	55,449
26 Genesee	419,200	388,476	312,078	24,974,322	4,118,402	1,523,934	508,321	202,531	497,329
27 Gladwin	332,160	128,508	54,123	4,072,100	500,634	182,401	49,308	32,040	60,237
28 Grand Haven	725,120	13,110	4,742	852,088	132,767	2,697	90	406	2,046
29 Grand Traverse	208,880	176,651	109,378	8,470,200	1,486,973	402,345	175,980	70,281	99,188
30 Gratiot	370,560	333,148	248,800	22,208,618	3,313,578	1,317,391	588,775	251,632	423,071
31 Hillsdale	382,080	372,680	292,014	27,210,325	3,614,573	2,287,441	1,145,080	488,804	556,806
32 Houghton	652,160	93,857	35,021	3,863,719	780,654	75,778	2,094	9,058	57,014
33 Huron	546,500	471,095	356,731	20,262,440	4,170,687	1,621,108	331,796	569,533	577,980
34 Ingham	353,920	333,095	248,078	21,886,830	3,288,025	1,431,502	767,824	180,265	404,057
35 Ionia	370,560	351,605	277,880	23,217,892	3,008,920	1,820,018	775,016	596,037	848,248
36 Isosco	364,800	112,710	40,735	2,707,404	430,072	117,459	33,982	15,230	50,268
37 Iron	708,000	29,368	9,068	1,277,704	188,000	15,154	80	512	11,682
38 Isabella	306,080	298,099	193,124	15,313,417	2,315,005	912,407	360,204	194,376	248,503
39 Jackson	452,480	422,507	304,387	26,722,310	3,732,323	2,183,857	1,031,070	451,113	466,538
40 Kalamazoo	359,080	331,014	267,138	23,400,464	3,438,800	2,100,450	808,570	366,896	490,896
41 Kalamazoo	366,720	80,601	42,603	2,533,869	477,702	138,849	70,418	14,107	27,316
42 Kent	550,400	480,043	305,717	34,625,818	4,943,771	1,707,780	785,539	411,796	379,287
43 Keweenaw	354,560	2,731	1,230	95,131	14,344	65	65	15	10
44 Lake	370,560	87,730	33,884	2,245,702	330,926	69,774	38,274	13,733	23,411
45 Leapeer	426,240	400,452	296,802	20,285,043	3,336,476	1,383,907	501,028	239,710	451,680
46 Leelanau	210,920	159,303	83,812	6,120,448	1,095,901	308,800	148,484	54,575	98,897
47 Leelanau	475,520	402,032	370,503	41,830,702	5,414,104	3,242,375	1,736,023	571,392	811,655
48 Leelanau	369,520	349,075	247,364	17,908,988	2,822,344	1,303,190	604,247	231,128	201,842
49 Leelanau	688,800	20,732	9,226	926,546	108,711	20,806	1,803	1,053	12,060
50 Leelanau	608,100	58,180	21,118	1,845,783	281,188	43,236	1,143	5,199	28,196
51 Leelanau	302,080	286,503	231,534	23,027,327	3,300,890	1,053,900	628,407	450,441	479,667
52 Manistee	350,080	144,693	75,031	5,899,005	778,098	323,446	148,830	34,298	61,745
53 Marquette	1,196,800	67,806	23,041	1,807,952	312,881	30,858	240	371	23,094
54 Mason	310,160	171,295	100,925	9,076,000	1,433,500	429,612	145,373	151,567	100,680
55 Mecosta	306,440	285,781	150,794	8,036,822	1,420,023	505,730	222,548	83,060	114,323
56 Menominee	676,840	167,443	64,500	5,584,532	888,528	203,630	15,494	10,703	185,674
57 Midland	338,560	176,626	94,717	7,409,369	1,011,586	291,168	115,509	32,927	127,180
58 Missaukee	372,480	300,018	200,018	4,360,023	634,302	195,572	61,905	28,643	71,662
59 Monroe	306,720	332,240	279,771	27,925,016	4,197,602	2,490,072	1,169,080	538,726	677,132
60 Montcalm	463,360	392,870	300,401	19,650,265	2,940,080	1,219,794	535,314	241,836	240,172
61 Montgomery	359,040	55,715	17,500	1,205,947	212,948	40,752	8,308	5,587	23,714
62 Muskegon	322,500	185,010	109,656	9,437,737	1,257,017	319,185	115,253	70,849	108,478
63 Muskegon	544,640	325,721	190,072	12,337,406	1,616,040	565,473	212,090	134,050	135,540
64 Oakland	567,040	542,242	407,751	34,343,074	4,785,191	2,128,282	858,894	484,526	613,255
65 Oceana	347,520	243,606	151,782	11,950,321	1,793,170	494,119	217,080	128,842	84,656
66 Ogemaw	371,200	144,628	55,437	3,096,959	580,313	157,533	38,195	18,340	76,849
67 Ontonagon	853,120	38,073	11,992	1,334,300	23,711	198,017	704	4,093	115,191
68 Oscoda	369,280	248,477	120,303	8,175,501	1,172,105	388,061	127,858	59,640	16,238
69 Otsego	368,640	59,024	10,218	1,205,674	153,044	11,407	11,407	4,833	30,024
70 Otsego	317,920	59,559	27,627	1,083,745	240,165	61,706	14,006	324,027	263,505
71 Ottawa	301,000	324,120	247,236	23,704,300	2,810,347	1,185,320	500,635	324,027	263,505
72 Presque Isle	433,920	131,519	39,925	2,475,134	497,109	87,200	7,300	20,046	48,460
73 Roscommon	344,320	33,907	8,951	842,763	10,064	25,264	6,257	1,279	9,487
74 Saginaw	529,020	430,220	304,738	26,330,140	4,183,078	1,540,503	608,661	187,207	624,600
75 St. Clair	454,400	414,574	317,495	23,067,600	3,490,100	1,352,172	428,948	279,506	560,055
76 St. Joseph	321,920	300,024	243,381	10,044,968	2,653,909	1,783,737	836,970	633,499	205,831

# STATISTICS, BY COUNTIES.

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## FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

### EAST NORTH CENTRAL—Continued.

VALUE: 1900—continued.												Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.									
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.					
<b>MICHIGAN.</b>														
1	\$30,040,087	\$16,201,328	\$12,599,720	\$26,619,296	\$3,390	\$40,946,075	\$26,727,538	\$16,707,037	\$226,742	\$3,215,658	\$35,915,579	\$7,652,648		
2	110,179	39,459	10,783	95,547	-----	108,212	64,262	32,382	492	11,076	102,251	23,458		
3	31,220	35,350	3,904	39,100	-----	23,274	13,190	10,081	-----	3	6,249	7,800		
4	924,774	400,806	708,625	358,064	20	1,477,959	906,911	527,600	5,723	37,725	785,852	265,193		
5	169,674	79,392	34,299	137,008	-----	150,400	89,333	52,702	1,539	7,886	107,631	40,693		
6	141,407	125,447	109,230	168,709	-----	222,771	127,690	84,080	8,432	2,569	85,998	74,574		
7	157,155	60,033	20,234	200,108	5	185,072	113,681	60,165	1,721	9,595	127,956	30,902		
8	72,890	46,361	7,731	71,538	-----	38,045	21,874	16,136	-----	35	6,295	8,565		
9	536,010	180,969	144,955	295,403	-----	822,771	402,096	316,761	3,715	100,199	914,964	110,693		
10	512,697	245,093	85,172	791,728	25	684,058	438,067	186,556	4,118	5,317	228,502	158,957		
11	81,332	93,226	185,088	86,723	-----	120,208	64,969	52,497	1,798	944	49,506	31,976		
12	574,070	512,325	1,747,737	308,753	121	898,092	494,590	379,150	4,219	20,133	561,317	207,923		
13	483,020	249,273	83,769	160,383	-----	818,213	352,670	357,823	2,262	105,453	986,092	168,554		
14	655,877	255,619	131,409	216,084	-----	988,238	528,561	362,583	2,873	94,221	1,255,426	167,173		
15	315,200	170,037	143,282	165,655	12	594,256	299,080	248,664	3,357	43,156	590,048	100,922		
16	148,051	114,258	86,851	175,258	-----	233,322	133,550	90,884	5,046	3,842	74,023	59,787		
17	189,096	111,968	30,385	147,820	103	180,168	110,748	65,021	2,562	1,837	64,965	46,885		
18	353,559	89,868	9,374	164,159	0	240,647	165,187	66,995	88	8,577	167,624	56,254		
19	138,614	60,587	15,803	147,988	-----	159,807	70,938	60,909	1,360	20,660	136,209	30,369		
20	717,332	137,761	154,717	652,914	-----	950,103	448,177	355,375	4,951	147,690	1,624,328	111,566		
21	31,901	16,800	15,993	24,237	-----	28,388	16,557	10,100	-----	1,713	9,394	13,000		
22	207,125	123,960	19,727	250,090	68	158,419	94,101	62,557	-----	1,761	43,163	44,978		
23	51,682	35,266	1,534	35,884	-----	31,597	20,394	10,899	190	114	5,061	7,149		
24	883,226	174,214	155,179	704,258	5	1,011,609	500,817	351,679	4,700	154,413	904,655	100,329		
25	118,131	142,173	76,211	201,742	-----	255,286	162,390	89,770	1,821	1,306	67,064	74,157		
26	1,230,220	237,809	151,025	975,474	25	1,059,008	604,257	316,907	12,368	125,476	1,065,633	161,955		
27	171,430	63,365	11,829	140,609	0	168,062	92,636	56,622	5,312	14,092	145,512	32,244		
28	61,182	22,830	469	45,596	-----	44,475	34,350	10,097	-----	28	4,108	5,693		
29	235,095	286,481	361,521	201,531	-----	276,369	151,826	116,896	2,221	5,426	130,777	83,771		
30	938,716	141,829	124,064	1,030,678	-----	921,803	451,407	351,778	5,706	82,852	886,421	101,864		
31	808,528	101,101	109,087	221,936	12	1,209,709	578,974	505,332	4,743	120,660	1,489,689	183,895		
32	340,594	166,175	8,789	169,321	-----	194,133	142,724	51,279	-----	130	27,748	31,827		
33	838,100	101,077	157,295	1,307,417	60	1,016,153	555,665	400,170	8,175	52,139	849,161	194,552		
34	826,007	108,087	125,030	947,079	-----	945,953	480,911	320,040	6,019	138,983	1,095,371	115,711		
35	608,746	203,208	239,629	730,308	4	881,035	428,217	320,412	6,103	126,303	1,122,835	124,319		
36	137,980	53,893	20,387	100,363	-----	142,644	86,718	41,408	2,606	11,912	123,988	34,856		
37	89,807	35,821	3,553	43,725	-----	56,101	36,448	19,586	2	65	8,769	10,643		
38	530,140	170,439	114,078	582,871	-----	668,512	343,311	265,516	4,092	55,063	638,829	97,279		
39	726,273	316,732	109,418	336,043	10	1,171,522	653,396	394,499	3,403	120,224	1,061,673	178,348		
40	598,407	408,027	102,639	199,181	-----	773,226	452,883	264,114	2,186	54,064	708,789	120,441		
41	72,408	136,576	32,918	96,891	2	114,802	65,692	46,402	2,024	684	46,065	37,125		
42	995,063	877,044	656,760	647,109	35	1,595,281	1,096,088	431,698	9,782	57,713	845,876	281,422		
43	7,769	5,413	887	210	-----	3,064	1,382	1,683	-----	485	536	536		
44	81,298	59,069	14,242	76,543	2	92,035	54,310	31,833	806	5,226	59,107	18,262		
45	881,249	300,610	157,434	613,216	-----	1,043,953	552,728	342,146	9,510	130,600	972,529	126,961		
46	150,679	257,922	183,299	135,132	-----	199,351	104,682	81,005	870	2,794	92,427	57,199		
47	1,278,152	356,097	162,041	375,430	29	1,856,783	1,009,611	703,210	6,853	137,109	2,161,724	166,463		
48	670,180	136,142	94,185	618,647	-----	913,734	524,078	283,618	4,814	131,276	858,371	87,561		
49	21,120	27,589	3,856	35,340	-----	18,832	9,648	6,022	-----	162	14,299	7,234		
50	62,972	49,092	7,133	118,760	-----	90,151	36,297	22,983	-----	872	15,965	15,424		
51	748,490	344,750	156,214	457,536	1	1,170,324	699,901	417,187	6,436	46,740	494,294	350,420		
52	142,683	148,730	171,711	91,578	-----	206,980	128,218	74,415	1,584	2,463	101,800	59,576		
53	39,976	102,080	10,854	129,113	-----	109,061	67,292	41,609	5	155	20,880	21,788		
54	359,526	174,802	358,297	111,203	1	306,074	188,241	107,773	2,326	5,334	142,387	73,523		
55	335,786	218,069	85,583	214,865	74	483,165	273,492	181,631	5,126	22,916	305,079	74,996		
56	294,667	124,007	29,051	237,173	147	296,129	208,522	85,622	344	1,641	64,877	75,846		
57	267,605	88,257	28,623	335,933	8	335,704	211,319	100,593	5,613	18,269	223,671	47,597		
58	195,654	93,966	14,542	134,568	-----	209,504	127,525	64,893	3,367	4,719	133,244	46,861		
59	728,206	295,343	144,614	530,452	176	1,167,994	581,650	559,930	3,506	22,668	744,988	246,125		
60	526,158	669,264	165,040	389,213	-----	890,414	457,191	361,707	8,956	35,560	595,965	113,421		
61	58,847	29,344	9,923	68,382	-----	50,463	27,538	16,633	1,888	2,904	27,316	16,514		
62	377,676	175,821	272,255	112,080	36	476,636	307,428	158,270	2,922	8,016	150,968	82,317		
63	401,500	104,153	257,901	197,622	37	547,104	356,132	168,737	4,789	17,446	288,300	92,252		
64	1,078,338	705,622	401,027	471,922	-----	1,650,512	1,038,291	473,111	6,751	102,359	1,216,733	223,721		
65	359,112	222,911	474,767	212,267	11	416,002	252,763	149,885	4,052	8,302	186,154	73,708		
66	187,018	54,096	20,911	169,765	-----	156,923	83,063	56,615	4,615	12,630	179,646	37,708		
67	93,808	34,648	14,540	31,910	-----	38,312	26,024	11,029	763	496	8,490	6,354		
68	347,358	167,516	48,501	219,859	-----	377,946	220,724	133,722	3,058	20,442	309,241	66,932		
69	44,578	19,085	3,453	41,101	-----	38,781	20,073	10,683	437	7,578	24,497	14,448		
70	56,317	50,540	9,891	61,651	-----	51,148	29,324	21,459	262	104	36,829	12,794		
71	775,824	387,578	293,892	176,733	126	1,512,192	1,031,987	458,949	3,795	17,461	535,759	236,230		
72	106,506	70,365	21,051	205,897	-----	89,805	45,940	35,418	530	4,908	40,413	54,958		
73	30,874	20,404	1,049	21,473	-----	19,892	9,855	8,653	172	1,182	8,498	8,822		
74	991,264	295,285	132,614	1,215,012	-----	1,433,191	886,792	495,662	8,899	41,868	635,556	265,260		
75	1,295,405	230,805	103,402	448,256	15	1,060,386	631,784	371,341	8,341	48,920	750,227	163,641		
76	319,901	281,413	53,509	215,439</										

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
77 Sanilue.....	624,640	551,321	434,565	\$27,044,051	\$4,738,812	\$1,704,879	\$330,719	\$422,117	\$849,102
78 Schoolcraft.....	772,480	45,455	15,431	1,200,507	248,301	25,988	400	1,054	9,283
79 Shiawassee.....	356,480	327,064	205,031	22,114,238	3,647,800	1,467,830	633,491	247,006	431,316
80 Tuscola.....	529,280	450,219	332,027	25,901,050	4,637,916	1,543,793	688,062	130,080	567,177
81 Van Buren.....	394,880	361,670	282,108	26,724,700	3,648,510	1,384,105	733,615	320,049	100,810
82 Washtenaw.....	450,500	427,026	331,632	29,540,686	4,300,408	2,520,592	1,030,467	702,511	646,420
83 Wayne.....	300,800	310,216	201,100	38,712,788	4,364,412	1,061,132	729,801	280,909	528,732
84 Wexford.....	309,280	147,685	79,044	5,167,650	810,807	275,432	129,806	36,904	70,064

M I C H I G A N—Continued.

W I S C O N S I N.

1	The state.....	35,363,840	21,060,060	11,907,606	\$1,413,118,785	\$148,369,216	\$73,141,919	\$25,727,654	\$2,591,954	\$28,663,257
2	Adams.....	437,760	307,661	142,207	8,015,324	859,588	420,740	183,460	3,569	105,021
3	Ashland.....	602,480	72,502	24,374	2,725,475	309,781	38,880	492	4,905	26,851
4	Barton.....	556,400	411,321	170,203	18,970,694	2,150,442	673,077	107,397	21,121	369,037
5	Bayfield.....	901,920	120,121	21,661	3,209,775	343,579	32,032	3,234	3,811	21,401
6	Brown.....	338,560	301,519	195,281	26,507,787	2,458,541	1,005,533	83,933	47,008	564,391
7	Buffalo.....	439,680	408,081	109,967	10,581,677	2,203,637	1,405,204	430,603	88,122	534,090
8	Burnott.....	550,400	329,670	56,601	4,914,983	552,002	202,880	75,711	67,845	53,983
9	Calumet.....	207,360	196,644	144,437	21,330,977	2,222,040	1,225,057	243,082	73,945	403,249
10	Chippewa.....	664,060	388,104	105,967	15,578,528	2,220,789	970,050	202,521	19,023	500,403
11	Clark.....	779,520	411,825	151,891	22,918,803	2,151,733	630,900	125,265	19,622	317,740
12	Columbia.....	407,920	470,437	305,690	37,738,128	3,726,584	2,207,773	1,004,372	38,646	742,743
13	Crawford.....	370,560	343,302	153,822	12,338,033	1,707,644	745,001	380,902	47,120	237,225
14	Dane.....	700,280	730,310	533,719	78,010,801	7,920,838	3,853,271	1,045,245	47,182	1,322,038
15	Dodge.....	574,080	519,172	389,806	60,703,501	6,518,203	3,070,828	1,003,689	148,748	1,373,911
16	Door.....	300,160	252,503	134,908	14,740,094	1,079,929	445,700	23,255	51,721	208,063
17	Douglas.....	855,680	62,404	19,920	2,795,283	255,583	22,340	5,904	2,307	10,365
18	Dunn.....	550,100	461,604	245,142	20,913,410	2,580,851	1,404,207	427,197	67,694	612,948
19	Eau Claire.....	408,320	208,639	185,861	14,660,930	1,980,280	1,040,801	230,307	50,114	514,785
20	Florence.....	318,080	20,157	8,491	878,008	175,067	20,732	1,309	908	20,168
21	Fond du Lac.....	404,640	445,008	322,738	44,335,350	4,640,915	2,042,805	841,340	34,075	1,161,789
22	Forest.....	800,000	28,210	0,120	917,380	165,981	13,941	682	190	11,558
23	Genesee.....	748,100	689,338	412,577	42,420,158	4,702,792	2,870,805	1,043,265	40,268	1,005,840
24	Green.....	379,520	358,211	280,205	30,800,211	2,918,505	1,784,126	1,051,902	9,619	500,302
25	Green Lake.....	230,400	208,023	130,302	15,983,274	1,871,518	1,130,881	469,031	30,981	391,751
26	Iowa.....	499,840	462,424	293,150	30,568,501	2,623,660	1,420,074	671,988	19,355	568,106
27	Iron.....	506,880	13,058	3,000	418,700	74,218	7,231	458	1,194	4,979
28	Jackson.....	633,600	374,923	181,210	14,457,054	1,853,877	1,007,191	213,900	89,858	507,415
29	Jefferson.....	353,280	335,150	217,032	34,522,303	3,091,103	1,802,098	807,597	62,200	702,538
30	Juneau.....	513,280	444,650	102,312	14,056,079	1,427,308	656,941	107,203	23,582	314,404
31	Kenosha.....	180,480	102,402	120,513	10,077,278	1,771,711	754,205	300,074	13,173	312,538
32	Kewaunee.....	216,080	200,760	143,710	13,802,293	1,668,383	587,474	11,455	80,892	249,526
33	La Crosse.....	307,840	270,801	140,430	18,700,045	1,694,725	940,025	318,558	39,804	360,804
34	Lafayette.....	410,880	381,873	298,573	35,916,201	3,108,470	1,801,801	1,170,804	9,704	584,733
35	Lanark.....	560,000	47,788	4,788	0,855,747	813,886	115,258	11,913	3,262	151,519
36	Lincoln.....	577,280	124,002	33,549	4,318,860	613,500	98,027	3,975	1,904	72,890
37	Manitowoc.....	385,280	350,406	247,068	33,058,153	3,813,474	1,307,742	70,704	76,323	545,023
38	Marathon.....	994,500	532,870	184,153	25,293,038	2,758,318	743,181	64,520	26,624	441,207
39	Marquette.....	905,000	219,558	70,474	8,100,473	963,055	305,268	57,805	15,302	178,702
40	Marquette.....	292,480	200,650	120,900	0,580,721	1,004,089	521,520	239,332	4,904	138,219
41	Milwaukee.....	150,400	115,907	98,125	31,001,442	2,520,830	585,502	215,100	9,370	275,534
42	Monroe.....	599,680	476,479	232,010	21,384,120	2,580,844	1,247,168	303,845	59,188	613,842
43	Oconto.....	715,520	284,785	133,061	14,288,083	1,505,046	544,037	115,818	30,741	300,659
44	Oneida.....	576,040	78,209	17,723	1,872,390	280,258	45,528	1,052	1,244	30,767
45	Outagamie.....	413,440	330,907	223,065	29,500,030	2,087,595	1,641,751	584,900	10,095	729,096
46	Ozaukee.....	140,120	100,207	100,207	10,348,184	1,470,861	723,248	170,201	12,667	319,004
47	Pepin.....	151,040	135,647	70,175	5,071,873	700,771	525,705	157,989	41,010	155,767
48	Pierce.....	300,320	347,179	203,640	18,907,948	2,802,150	1,004,098	340,358	142,231	637,807
49	Polk.....	508,400	378,057	140,577	10,000,522	1,025,250	930,828	208,245	113,858	419,826
50	Portage.....	519,080	411,247	218,149	18,532,557	1,918,910	608,070	199,858	5,115	300,265
51	Price.....	818,560	110,005	23,105	3,280,783	401,564	33,957	2,074	1,105	22,394
52	Racine.....	207,360	190,412	147,360	22,755,702	2,380,035	1,085,950	507,824	13,453	386,798
53	Richland.....	377,600	302,080	180,301	21,042,759	2,310,613	1,034,723	597,041	19,457	253,631
54	Rock.....	458,240	439,441	350,600	45,355,529	4,630,392	2,043,530	1,469,801	11,338	508,293
55	Rusk.....	502,000	113,638	25,809	3,326,820	420,357	47,006	14,050	1,000	20,525
56	St. Croix.....	470,400	417,802	206,498	23,008,981	3,280,125	2,102,107	307,627	148,590	1,039,124
57	Sauk.....	538,880	503,174	282,772	32,540,320	3,283,811	1,700,940	758,974	81,512	704,788
58	Sawyer.....	844,800	43,409	10,428	1,202,098	140,013	22,216	1,322	14,943	425,469
59	Shawano.....	741,120	380,926	170,218	21,467,907	2,250,950	905,129	272,817	72,343	425,469
60	Shobongan.....	333,440	306,210	227,209	31,933,314	3,008,585	1,508,225	374,443	35,885	608,323

# STATISTICS, BY COUNTIES.

## FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

### EAST NORTH CENTRAL—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>MICHIGAN—Continued.</b>												
77	\$1,601,613	\$158,254	\$247,669	\$966,397	-----	\$1,269,318	\$737,435	\$444,773	\$11,368	\$75,742	\$1,105,076	\$162,700
78	64,595	49,954	11,864	95,900	-----	54,426	35,045	19,087	-----	294	15,208	26,313
79	895,094	165,563	121,130	1,038,183	43	949,322	490,921	317,526	6,133	134,742	935,338	81,444
80	931,943	291,249	215,301	1,055,030	43	1,061,157	674,761	398,556	12,248	75,592	870,708	175,140
81	584,967	412,513	1,026,365	240,569	4	833,395	474,974	329,178	6,342	22,901	604,917	120,597
82	1,109,967	253,408	158,942	317,499	1,951	1,516,444	707,657	493,291	6,928	218,268	1,412,286	135,061
83	863,985	1,102,030	284,329	452,936	116	1,591,397	1,075,441	502,201	5,955	7,800	451,258	178,879
84	184,659	173,385	39,914	137,507	83	234,118	137,233	89,329	1,872	5,684	111,698	72,824

<b>WISCONSIN.</b>												
1	\$40,866,396	\$12,511,816	\$2,896,372	\$18,942,713	\$3,855,033	\$68,638,735	\$53,868,028	\$13,383,924	\$235,723	\$1,151,060	\$42,241,879	\$7,582,766
2	202,827	121,822	6,381	101,818	-----	380,868	265,356	111,306	656	3,550	259,302	50,884
3	150,378	58,256	2,480	119,781	3	112,321	77,621	33,131	127	1,442	30,967	29,631
4	850,393	379,011	15,528	238,433	6,191	987,196	792,647	174,163	3,862	16,524	488,426	141,890
5	150,076	83,289	13,794	64,388	-----	121,841	77,211	43,031	316	1,283	47,199	26,537
6	921,478	227,150	43,065	261,309	738	1,157,625	974,662	175,214	4,069	3,680	389,064	206,566
7	476,585	87,795	18,746	155,247	6,427	971,506	773,931	163,377	2,098	32,100	846,804	115,824
8	176,192	81,508	4,923	87,393	21	263,113	211,900	47,077	326	3,810	95,439	42,545
9	514,202	68,133	30,102	384,546	-----	1,076,288	902,269	159,069	8,878	6,052	317,854	123,890
10	723,688	293,347	25,209	208,495	17,361	762,357	598,661	145,145	6,509	11,042	389,672	136,043
11	1,004,792	152,682	15,617	347,052	490	1,392,897	1,171,341	201,673	5,559	14,324	443,736	156,990
12	564,828	289,830	35,513	628,640	315,839	1,162,684	757,428	354,824	2,157	48,275	1,366,481	98,800
13	524,975	89,506	29,780	408,382	243,715	622,379	445,632	153,224	5,841	17,082	686,042	67,091
14	1,635,318	351,118	77,867	2,109,264	1,718,437	3,080,847	2,303,623	725,322	6,040	45,862	2,985,355	244,809
15	1,217,749	249,111	70,137	304,378	2,740	2,908,227	2,450,581	522,526	6,080	19,040	1,321,232	246,890
16	444,940	100,383	65,074	618,678	443	487,179	353,484	125,283	1,057	7,365	172,664	99,021
17	116,493	56,883	1,970	57,891	25	131,722	96,242	34,387	254	839	23,453	17,859
18	634,686	216,463	24,218	301,187	31,937	970,673	762,020	181,700	4,217	22,736	675,091	119,285
19	542,354	167,415	66,902	156,808	1,050	604,023	461,690	128,359	3,711	10,293	347,790	89,299
20	42,525	26,714	2,277	73,819	25	33,384	20,480	12,204	15	685	8,242	9,879
21	1,065,726	256,707	104,448	277,169	485	2,272,074	1,846,809	376,033	8,209	42,023	1,184,990	223,244
22	36,334	30,518	473	84,715	-----	31,680	19,331	12,343	-----	6	8,263	5,210
23	1,269,671	244,012	56,480	261,734	22,392	1,519,838	1,060,892	394,074	6,970	57,902	3,006,944	210,820
24	906,089	67,663	15,055	125,672	23,017	2,176,181	1,906,714	250,509	4,366	14,632	1,622,059	116,211
25	252,012	70,707	18,297	93,621	1	577,730	423,672	128,950	1,058	24,052	538,498	59,597
26	956,158	90,994	21,290	126,135	30	1,364,934	1,108,878	225,532	1,792	23,732	1,711,522	111,266
27	26,600	13,730	469	26,188	-----	19,242	12,070	7,081	12	79	6,112	7,668
28	477,084	96,831	48,738	224,033	17,954	671,714	483,849	169,520	4,622	13,723	511,047	76,880
29	848,082	128,859	30,747	275,317	46,034	2,119,530	1,695,127	416,114	2,732	5,657	1,057,176	141,899
30	350,124	167,495	28,160	224,579	40,780	567,901	421,661	141,074	5,282	19,884	333,599	82,400
31	541,809	339,744	42,383	93,570	200	1,115,830	891,712	208,610	478	15,030	373,191	54,411
32	585,537	84,878	31,879	378,615	607	696,415	559,146	126,755	1,438	9,076	200,053	107,577
33	405,252	122,072	34,053	184,323	9,082	927,444	752,013	160,569	2,350	12,512	503,383	100,987
34	1,036,827	99,576	13,219	67,053	1,251	1,338,782	1,049,752	249,533	1,623	37,874	2,081,929	120,691
35	272,679	80,234	4,782	240,933	-----	266,571	199,361	62,158	1,264	3,788	83,906	65,381
36	199,127	68,742	2,742	244,352	21	195,382	138,763	51,496	1,830	3,303	49,851	68,512
37	1,218,296	133,399	617,301	536,736	31	1,835,689	1,562,812	255,226	8,735	8,916	445,064	249,059
38	1,076,091	242,397	10,675	676,974	65	1,130,536	883,816	219,182	6,366	21,192	372,085	258,723
39	207,924	151,121	10,886	189,456	402	333,105	235,987	92,461	1,091	3,566	83,205	76,607
40	197,481	118,736	17,208	149,744	-----	412,376	285,240	116,038	310	10,788	305,286	55,725
41	642,359	853,902	67,397	377,670	-----	869,126	675,178	188,447	5,161	340	268,976	77,522
42	757,899	147,761	121,831	315,185	50,805	1,323,581	1,040,532	246,876	5,520	30,653	701,365	155,027
43	537,119	153,362	33,896	296,632	101	555,926	410,650	139,560	1,288	4,428	227,063	115,409
44	78,691	79,322	1,470	81,247	-----	83,292	53,204	29,688	125	265	32,223	29,794
45	751,288	301,208	60,012	232,436	96	1,502,219	1,227,745	267,556	7,281	9,637	830,456	192,667
46	475,930	125,709	31,106	120,868	-----	891,793	713,729	174,797	2,429	868	216,616	106,826
47	142,333	35,342	10,378	83,013	-----	301,697	191,891	100,078	979	8,749	246,785	43,634
48	435,492	123,780	29,521	248,359	510	791,916	523,359	217,287	4,964	46,306	632,006	112,554
49	689,008	122,887	7,305	160,162	82	958,700	773,834	172,087	1,230	11,549	423,682	94,672
50	512,766	490,129	18,522	224,833	18	755,606	606,348	141,048	2,264	5,946	288,070	145,494
51	177,725	61,004	1,520	217,368	2	189,689	121,516	47,186	279	708	34,768	40,878
52	635,565	468,266	58,226	141,622	-----	1,236,336	933,657	287,380	1,145	14,154	639,114	94,625
53	849,827	105,980	49,542	279,535	59,398	1,313,509	1,073,960	181,361	5,764	1,238	1,123,082	97,153
54	901,031	275,010	34,645	776,167	573,115	1,693,937	1,240,484	414,760	4,085	34,615	2,006,844	161,513
55	152,936	76,193	2,320	141,902	642	127,984	83,748	40,398	1,925	1,913	46,266	24,644
56	802,321	141,895	15,653	224,149	359	994,665	765,962	188,191	3,548	36,964	427,035	111,371
57	818,931	318,845	53,066	293,020	2,401	1,666,727	1,243,728	387,180	3,897	31,922	1,419,780	152,065
58	48,392	37,370	237	40,798	2	36,570	20,694	14,971	-----	905	12,588	12,669
59	627,772	151,102	32,418	480,529	2	969,082	738,188	201,789	3,383	15,722	383,363	162,531
60	969,925	202,981	92,243	265,211	-----	2,664,587	2,308,845	344,596	8,243	2,903	575,492	238,576

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Cereals.			
						Total.	Corn.	Wheat.	Oats.
<b>WISCONSIN—Continued.</b>									
61 Taylor.....	634,240	136,451	33,802	\$5,400,620	\$641,307	\$86,003	\$3,861	\$1,304	\$49,494
62 Trempealeau.....	478,720	451,101	260,778	21,411,077	2,747,785	1,613,431	315,473	165,133	787,700
63 Vernon.....	625,440	487,746	262,738	25,280,089	3,197,871	1,216,502	415,502	71,639	482,246
64 Vilas.....	533,120	19,260	4,605	668,187	60,042	11,277	510	517	8,657
65 Walworth.....	358,400	336,776	246,544	37,182,875	3,430,756	2,194,693	1,216,011	11,538	524,633
66 Washburn.....	634,400	145,370	41,587	3,670,020	401,184	101,848	39,210	15,544	35,524
67 Washington.....	275,840	262,902	173,830	25,933,105	2,702,101	1,551,501	425,404	57,433	554,336
68 Watkesia.....	351,360	329,832	230,514	36,061,181	3,431,077	1,057,431	674,044	22,236	681,427
69 Waupaca.....	485,760	417,309	221,248	26,139,750	2,569,503	951,358	327,092	21,070	443,732
70 Waushara.....	413,440	300,102	226,165	16,870,803	1,722,123	761,441	355,805	4,805	236,262
71 Winnebago.....	293,760	290,598	187,551	25,136,909	2,476,350	1,334,127	470,826	31,910	589,252
72 Wood.....	517,760	283,782	107,957	14,682,828	1,299,260	348,061	78,386	2,584	162,456

WEST NORTH CENTRAL.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Cereals.			
						Total.	Corn.	Wheat.	Oats.
<b>MINNESOTA.</b>									
1 The state.....	51,749,120	27,675,823	19,643,533	\$1,476,411,737	\$193,451,474	\$140,864,148	\$30,510,145	\$56,007,435	\$34,023,389
2 Aitkin.....	1,171,200	175,796	34,750	3,779,647	404,192	31,157	16,333	1,545	10,678
3 Anoka.....	203,700	203,007	101,575	9,478,621	1,118,212	303,435	189,224	29,188	114,477
4 Becker.....	803,300	354,905	178,802	11,795,410	1,556,328	970,070	48,007	547,940	296,365
5 Beltrami.....	2,446,080	223,704	33,253	3,389,856	601,450	54,646	12,138	13,595	23,217
6 Benton.....	250,200	165,187	108,847	8,380,346	1,176,027	775,985	146,129	315,517	186,955
7 Bigstone.....	314,240	282,959	242,737	14,262,257	2,431,452	2,074,380	206,344	1,240,767	366,330
8 Blue Earth.....	487,680	448,885	358,895	32,619,319	3,074,042	3,225,658	1,000,035	1,476,465	539,375
9 Brown.....	391,680	365,311	307,678	20,999,282	2,930,658	2,445,529	666,809	1,130,602	434,018
10 Carlton.....	654,880	120,605	27,518	3,759,013	439,866	30,800	825	4,708	19,014
11 Carver.....	240,640	210,301	128,452	20,370,744	2,204,655	1,571,048	403,417	81,908	282,562
12 Cass.....	1,346,560	147,081	40,202	3,045,067	342,004	75,489	33,924	7,500	20,491
13 Chippewa.....	378,240	341,786	299,887	17,378,350	2,797,308	2,439,238	440,665	1,047,591	704,739
14 Chicago.....	278,280	225,773	104,070	12,289,044	1,644,517	610,690	104,215	245,838	218,335
15 Clay.....	667,520	531,422	435,848	23,024,007	3,816,088	2,622,637	37,076	1,451,791	823,027
16 Clearwater.....	652,160	174,610	40,545	3,150,087	384,947	146,906	3,001	72,349	53,813
17 Cook.....	658,720	23,760	1,568	372,166	55,968	1,390	.....	105	1,215
18 Cottonwood.....	409,600	371,466	338,668	21,613,731	2,423,070	1,909,152	705,543	284,313	647,928
19 Crow Wing.....	476,480	108,771	51,080	4,733,472	499,081	169,985	70,600	24,451	46,738
20 Dakota.....	383,360	329,801	259,793	22,080,064	3,177,701	2,142,028	400,051	319,818	836,735
21 Dodge.....	281,600	261,863	226,580	17,416,051	1,830,210	1,175,703	375,517	105,799	241,359
22 Douglas.....	414,720	354,370	210,720	16,312,224	2,432,300	1,874,538	150,212	1,201,808	282,891
23 Faribault.....	460,160	433,481	384,205	32,474,072	3,412,082	2,775,070	1,018,385	1,165,561	484,056
24 Fillmore.....	555,520	518,814	391,330	36,250,145	3,926,257	2,605,502	939,026	1,577,718	812,659
25 Freeborn.....	470,400	413,711	328,677	27,961,367	3,074,017	2,156,961	813,421	724,629	448,702
26 Goodhue.....	400,880	402,662	359,998	32,266,063	3,997,787	2,944,258	460,991	635,334	639,827
27 Grant.....	353,920	299,484	257,382	13,482,322	2,232,074	1,835,178	128,123	888,413	539,198
28 Hennepin.....	391,600	384,378	189,721	34,967,221	4,132,508	1,341,442	514,958	401,241	331,518
29 Houston.....	304,800	327,064	174,020	16,836,250	1,979,513	1,201,525	597,281	62,214	326,293
30 Hubbard.....	613,120	151,984	55,609	3,178,028	402,521	171,061	54,793	28,623	61,647
31 Isanti.....	282,880	237,642	199,642	9,123,309	1,300,687	521,758	107,225	175,801	199,778
32 Itasca.....	1,747,200	108,380	13,636	2,201,580	209,380	11,096	1,020	1,308	7,721
33 Jackson.....	440,280	411,339	354,715	20,357,716	2,750,726	2,169,845	1,000,717	104,022	773,699
34 Kanabec.....	341,760	37,370	37,370	4,698,416	447,255	96,696	20,894	26,464	41,117
35 Kandiyohi.....	512,640	463,345	369,603	22,711,057	3,410,101	2,755,089	372,570	1,380,952	629,057
36 Kittson.....	711,040	372,066	287,389	13,730,520	1,373,095	2,043,887	17,312	1,332,131	390,013
37 Koochiching.....	2,010,240	73,245	5,529	1,028,563	227,177	3,371	44	335	2,650
38 Lac qui Parle.....	605,600	404,102	408,125	20,217,879	4,150,755	3,583,249	650,641	1,085,791	758,535
39 Lake.....	1,343,360	22,279	2,381	442,604	47,187	323	.....	116	147
40 Le Sueur.....	298,240	201,045	163,117	20,048,441	2,473,797	2,004,730	531,598	1,244,074	156,316
41 Lincoln.....	342,400	306,120	249,332	15,729,215	1,830,476	1,333,954	240,197	874,551	335,018
42 Lyon.....	453,120	401,546	344,172	23,059,304	2,591,663	2,132,612	684,677	323,058	774,524
43 McLeod.....	317,440	298,961	239,025	23,120,367	2,894,083	2,382,431	445,191	1,413,859	321,667
44 Mahanomen.....	360,080	41,095	24,123	1,234,111	145,635	94,707	1,498	51,266	30,194
45 Marshall.....	1,144,320	597,865	380,677	16,952,344	2,086,783	2,313,218	9,801	1,413,223	465,458
46 Martin.....	460,160	427,727	376,804	30,512,259	3,155,820	2,504,379	1,218,228	82,435	1,151,713

# STATISTICS, BY COUNTIES.

757

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## EAST NORTH CENTRAL—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>WISCONSIN—Continued.</b>												
61	\$288,080	\$76,257	\$1,576	\$188,302	-----	\$295,130	\$240,383	\$52,057	\$1,134	\$1,556	\$72,174	\$54,832
62	772,193	85,324	26,581	250,256	\$36,421	1,129,387	818,932	255,046	4,567	50,792	688,812	106,599
63	817,002	150,488	41,143	942,136	621,130	1,280,059	933,895	276,666	11,943	52,555	835,993	157,292
64	23,928	16,936	1,309	6,592	-----	18,742	11,435	7,174	-----	133	5,048	2,987
65	907,699	182,971	41,716	112,677	1,265	2,315,094	1,906,031	358,207	2,741	48,115	1,425,061	89,977
66	148,725	74,067	3,105	73,439	52	140,570	101,598	38,224	310	2,438	47,183	26,502
67	544,534	210,973	67,243	327,940	22	1,240,422	921,895	299,334	6,513	12,680	519,407	198,614
68	1,005,865	465,232	88,437	214,112	659	1,965,469	1,538,821	386,677	6,134	33,837	945,970	123,737
69	760,293	533,600	46,303	268,949	10	1,423,588	1,202,611	206,421	2,691	11,865	592,377	139,429
70	391,785	395,984	18,654	154,269	4	851,825	645,590	196,661	2,685	6,519	348,820	83,698
71	770,580	180,441	74,885	110,323	20	1,428,368	1,155,356	246,669	6,801	19,542	585,117	179,329
72	660,307	123,652	79,326	178,014	105	753,055	610,475	132,289	4,393	5,898	294,805	116,031

## WEST NORTH CENTRAL.

VALUE: 1909—continued.											
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		

### MINNESOTA.

1	\$26,724,801	\$11,044,391	\$1,307,377	\$13,510,757	\$20,554	\$43,536,726	\$29,219,406	\$13,496,745	\$124,617	\$695,958	\$34,121,517	\$8,942,498
2	151,451	76,054	5,700	139,830	7	147,968	108,975	36,624	400	1,969	54,525	41,421
3	236,258	406,305	12,597	69,527	35	394,612	285,363	107,966	304	979	109,859	61,570
4	300,073	100,164	6,045	172,770	18	389,657	278,580	104,692	260	6,125	181,045	77,399
5	127,054	126,585	1,221	291,953	2	134,271	82,888	49,868	609	906	32,124	41,221
6	209,651	104,496	6,700	79,186	-----	363,710	265,556	93,041	1,155	3,958	165,991	74,631
7	158,628	40,505	4,491	153,499	-----	181,871	93,768	81,739	175	6,189	236,906	40,703
8	441,325	139,904	40,003	118,152	15	934,946	593,442	322,821	4,364	14,319	737,269	112,694
9	330,590	70,266	12,788	71,470	22	635,638	406,990	222,104	1,633	4,621	434,111	167,297
10	100,288	104,525	671	104,582	22	173,748	132,064	40,476	151	1,057	48,713	34,568
11	400,851	88,846	30,518	164,392	37	861,760	606,016	249,156	2,397	4,191	486,192	156,535
12	94,709	60,925	681	110,260	-----	123,479	87,504	33,281	618	2,076	86,453	30,052
13	234,114	47,277	6,762	69,917	-----	331,202	189,469	137,627	363	3,723	334,910	60,216
14	412,579	407,986	7,802	90,151	-----	575,571	447,979	124,758	777	2,057	581,828	80,963
15	447,917	607,158	3,840	134,536	-----	400,024	264,893	130,189	270	4,702	234,518	83,412
16	128,655	39,659	461	69,260	3	135,498	107,471	24,722	550	2,755	60,199	52,986
17	17,197	12,169	80	25,123	-----	10,227	4,797	5,378	25	27	2,744	1,751
18	249,671	53,993	14,031	144,920	-----	459,857	280,882	160,474	403	18,098	554,177	64,545
19	156,670	88,800	7,043	84,914	27	188,876	125,937	69,032	1,784	2,123	69,543	54,529
20	483,719	382,403	49,432	110,528	-----	703,232	430,403	263,420	1,766	7,643	535,229	111,368
21	363,432	50,298	15,799	218,978	-----	684,283	488,192	177,538	2,864	15,689	599,868	52,587
22	310,268	65,971	10,250	171,273	11	540,225	370,039	158,123	1,030	5,033	280,247	96,249
23	449,440	80,074	32,300	74,829	1	747,835	485,042	251,290	2,782	8,721	907,048	84,003
24	659,683	101,509	45,041	454,462	7,637	904,320	533,994	318,721	9,032	42,573	1,799,405	99,458
25	003,961	03,545	32,796	180,754	-----	1,189,722	832,847	327,201	3,082	6,582	895,707	110,777
26	618,554	100,287	30,210	295,478	3	1,107,995	760,130	320,005	3,769	24,091	661,709	155,062
27	198,881	23,424	2,400	172,791	-----	264,716	167,621	92,993	87	4,015	184,816	46,545
28	833,914	1,237,191	220,574	499,477	-----	1,660,874	1,269,169	379,112	5,290	3,303	427,804	231,498
29	420,089	79,067	27,261	158,571	4,214	518,550	341,887	160,662	2,419	13,882	865,902	92,827
30	116,760	89,302	1,029	83,469	5,488	112,603	63,930	41,512	75	2,086	48,685	36,858
31	207,047	518,608	4,278	114,206	-----	323,322	228,288	93,158	188	1,688	128,021	51,162
32	72,304	95,005	397	118,988	1	84,269	49,142	-----	-----	253	15,903	13,266
33	392,087	73,214	19,574	102,006	8	613,597	373,812	222,232	739	16,814	786,679	78,793
34	197,218	112,007	1,754	40,240	-----	190,567	154,058	33,041	1,053	2,410	71,581	21,158
35	401,612	62,660	17,492	173,238	30	635,567	428,118	188,822	476	8,151	507,141	89,207
36	179,895	41,007	727	108,609	6	209,692	140,212	64,005	172	5,303	130,373	58,674
37	36,509	39,994	416	140,887	-----	17,093	8,013	9,024	24	32	5,477	3,515
38	278,300	66,569	10,276	212,361	-----	428,899	226,991	198,642	347	2,917	479,262	76,343
39	18,742	15,659	9	12,454	-----	22,956	13,261	9,686	37	2	3,355	4,603
40	248,044	69,026	17,761	134,236	523	545,163	303,656	232,601	3,240	5,666	400,008	87,136
41	260,027	37,860	2,067	106,567	-----	414,895	292,671	112,329	851	9,044	335,483	54,061
42	279,249	59,925	7,606	112,261	-----	437,197	255,135	167,033	1,573	13,457	759,070	56,639
43	329,146	67,102	13,787	101,617	23	884,677	596,894	280,265	1,572	5,956	371,070	122,441
44	23,793	8,884	9	18,242	-----	26,058	18,114	7,859	-----	85	10,463	6,819
45	328,788	72,664	1,372	270,731	-----	448,139	334,749	102,306	163	-10,920	226,223	100,406
46	458,496	88,679	36,757	67,515	25	705,931	466,481	284,927	1,694	12,829	1,102,030	91,362

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1900			
	All land.	Land in farms.	Improved land in farms.			Cereals.			
						Total.	Corn.	Wheat.	Oats.

MINNESOTA—Continued.

47	Meeker	307,440	358,423	270,542	\$21,595,297	\$3,310,451	\$2,731,476	\$404,700	\$1,580,155	\$386,066
48	Mille Lacs	373,120	123,047	48,438	5,599,111	880,497	178,259	42,163	52,584	63,491
49	Morrison	731,520	374,728	184,150	13,695,359	1,001,837	1,250,520	218,260	613,673	259,349
50	Mower	455,040	428,428	301,593	31,200,093	3,231,403	2,140,010	630,815	105,376	1,112,111
51	Murray	450,560	401,048	355,643	23,455,837	2,297,548	1,700,440	672,263	86,373	641,588
52	Nicollet	283,520	202,212	180,677	15,863,280	2,340,362	1,951,541	450,229	1,080,880	284,337
53	Nobles	462,080	418,200	388,156	30,000,700	2,788,111	2,140,629	1,017,780	16,029	882,330
54	Norman	550,400	418,534	314,778	16,371,171	2,535,542	2,013,945	31,610	1,177,276	457,075
55	Olmsted	426,240	393,620	316,184	27,137,633	2,094,191	2,000,379	628,578	129,163	559,938
56	Otter Tail	1,304,960	996,635	692,598	37,953,310	5,594,241	4,144,008	478,700	2,395,585	781,179
57	Pennington	388,480	257,485	130,735	6,326,149	923,136	548,253	2,845	325,005	156,952
58	Pine	904,320	230,680	64,768	7,463,287	840,136	180,951	44,104	67,005	75,151
59	Pipestone	300,160	267,980	250,406	17,022,735	1,762,497	1,307,123	426,445	92,852	480,648
60	Polk	1,206,560	888,852	643,046	34,046,027	5,570,593	4,216,361	49,508	2,557,789	994,050
61	Pope	443,520	373,294	280,305	15,479,163	2,631,079	2,070,901	158,972	1,180,345	528,708
62	Ramsey	103,040	60,543	41,104	9,726,004	1,072,780	107,577	64,152	14,308	99,618
63	Red Lake	270,480	125,402	77,138	3,711,300	574,303	363,671	11,344	102,284	146,670
64	Redwood	563,840	527,471	438,745	30,231,266	3,745,300	3,258,279	986,051	1,171,730	835,927
65	Renville	625,920	589,798	513,520	33,685,584	5,370,879	4,780,870	834,362	2,176,170	783,550
66	Rice	316,800	207,044	229,381	22,763,492	2,110,960	2,014,730	404,807	890,260	476,780
67	Rock	314,880	288,351	270,719	25,297,625	2,463,846	2,043,051	976,478	30,550	711,189
68	Roseau	1,068,800	315,106	157,332	6,135,882	818,956	430,443	2,390	238,505	117,309
69	St. Louis	4,161,920	272,065	41,111	6,708,209	24,439	919,300	1,575	1,917	15,724
70	Scott	234,240	207,884	133,661	14,610,955	1,807,505	1,380,174	300,296	709,143	225,402
71	Sherburne	280,720	204,637	110,927	7,432,444	1,039,917	568,302	250,199	59,796	157,908
72	Sibley	374,400	357,265	283,004	22,000,868	3,117,610	2,678,817	489,139	1,606,862	328,167
73	Stearns	871,680	701,242	452,316	34,548,484	5,384,327	4,178,967	574,698	2,158,718	971,567
74	Steele	275,840	203,625	225,309	10,032,688	2,548,707	1,611,384	416,269	767,734	298,465
75	Stevens	304,960	304,926	264,618	13,774,101	2,335,888	1,914,000	157,791	996,434	485,774
76	Swift	474,240	408,661	362,277	18,206,728	3,007,040	2,701,830	328,526	1,375,959	638,636
77	Todd	612,480	424,221	201,083	15,854,403	1,071,902	1,223,557	217,016	562,352	201,022
78	Traverse	303,520	317,557	304,208	16,266,339	2,720,022	2,333,966	192,308	1,395,542	465,674
79	Wabasha	346,240	320,894	229,013	10,702,340	2,736,692	1,991,640	436,320	176,783	410,530
80	Wadena	344,320	158,666	60,703	4,697,499	512,204	263,978	101,532	47,417	61,449
81	Waseca	276,840	256,347	206,512	17,289,007	2,168,781	1,734,600	447,584	984,747	191,480
82	Washington	254,080	220,312	132,745	16,334,539	2,129,792	1,291,178	204,423	218,302	461,024
83	Watsonwan	277,760	251,664	225,847	16,300,220	1,901,576	1,528,060	676,792	224,757	568,763
84	Wilkoh	476,800	335,986	318,237	15,832,304	2,415,558	2,010,119	119,170	1,270,528	426,607
85	Winona	407,680	374,234	237,674	22,718,884	2,712,087	1,905,930	463,723	64,778	449,706
86	Wright	442,240	399,328	237,072	27,922,225	3,477,587	2,586,307	680,711	1,384,040	306,454
87	Yellow Medicine	470,360	451,719	370,135	24,607,037	3,525,671	2,980,078	714,703	1,164,087	745,468

IOWA.

1	The state	35,575,040	33,930,688	20,401,109	\$3,745,800,544	\$314,066,298	\$230,205,315	\$107,622,834	\$7,703,206	\$49,046,888
2	Adair	306,634	356,756	330,611	38,308,575	2,835,637	1,923,311	1,598,822	36,143	247,662
3	Adams	273,182	261,719	243,666	27,313,705	1,906,617	1,328,920	1,085,932	43,988	185,556
4	Allamakee	406,086	373,633	226,063	23,299,977	2,375,403	1,467,085	822,300	23,740	411,724
5	Appanoose	328,353	307,671	253,724	21,557,809	1,894,795	1,018,904	843,821	35,605	136,544
6	Arcturion	283,537	281,029	271,174	37,066,935	3,032,550	2,201,180	1,432,713	61,644	317,283
7	Benton	455,945	449,653	411,907	61,810,512	5,138,589	3,960,230	2,810,444	12,098	991,792
8	Blackhawk	361,505	340,103	298,809	43,469,145	3,484,601	2,471,643	1,721,600	4,082	674,194
9	Boone	364,475	341,376	289,607	41,240,153	3,183,319	2,403,260	1,740,221	24,237	626,820
10	Braman	277,709	267,528	220,505	27,381,626	2,338,856	1,619,462	994,049	4,487	565,640
11	Buchanan	362,068	351,498	303,593	33,867,776	3,267,330	2,331,176	1,005,336	7,279	664,228
12	Brema Vista	365,604	340,285	323,537	39,661,302	3,373,901	2,643,178	1,815,030	6,821	803,135
13	Butler	309,227	352,854	310,430	36,983,961	3,231,660	2,564,406	1,640,099	4,643	811,212
14	Calhoun	363,729	349,375	320,012	39,966,066	2,911,656	2,403,408	1,506,935	9,876	779,256
15	Carroll	365,501	351,036	331,769	47,331,792	3,401,057	2,600,099	1,909,662	74,337	562,432
16	Cass	361,061	354,447	340,970	47,476,060	3,695,022	2,725,772	2,107,485	186,107	331,327
17	Cedar	364,734	350,605	313,499	50,843,417	4,120,644	3,051,931	2,411,430	53,319	413,689
18	Cerro Gordo	362,735	330,616	300,815	32,771,225	3,090,987	2,345,203	1,591,603	9,260	712,565
19	Charoakee	366,654	361,435	327,047	46,729,008	3,807,846	2,955,412	2,023,808	12,904	851,497
20	Chickasaw	318,240	307,522	259,213	26,555,104	2,245,443	1,538,373	926,434	16,018	536,640
21	Clarke	274,010	260,944	209,483	21,833,423	1,490,104	801,523	630,022	22,988	141,038
22	Clay	360,658	335,012	313,382	30,715,857	2,530,135	1,932,814	1,230,947	7,260	678,849
23	Clayton	487,743	461,417	328,511	37,651,066	3,074,440	2,555,688	1,500,803	41,484	725,361
24	Clinton	442,481	423,460	372,016	51,768,488	4,024,104	3,532,399	2,704,015	55,430	555,033
25	Crawford	457,588	430,451	415,367	52,503,943	4,580,221	3,570,838	2,780,873	189,704	519,922
26	Dallas	376,813	350,181	304,173	45,810,944	3,631,051	2,823,036	2,181,334	46,393	580,488



# STATISTICS, BY COUNTIES.

759

## FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

### WEST NORTH CENTRAL—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
47	\$351,107	\$68,656	\$10,531	\$139,681	\$7	\$803,525	\$566,640	\$226,699	\$1,053	\$9,133	\$584,648	\$108,369
48	251,558	184,748	3,125	62,807	9	337,743	266,815	68,179	1,164	1,585	118,110	49,795
49	335,221	149,648	4,937	161,511	54	591,104	446,727	137,309	2,297	4,771	226,034	126,808
50	526,517	114,895	18,442	425,539	1	733,944	475,909	239,101	5,254	13,620	867,933	85,617
51	309,552	69,949	6,792	150,806	.....	481,500	276,643	187,294	487	17,076	667,583	64,903
52	264,330	60,216	14,630	58,636	.....	429,750	257,804	167,807	1,291	2,348	330,491	82,151
53	430,346	93,006	18,312	90,728	.....	506,174	271,474	208,042	1,118	25,540	1,134,630	73,889
54	274,104	59,918	3,043	184,532	.....	422,807	291,995	125,049	184	5,639	225,666	75,070
55	495,023	115,557	29,894	253,738	.....	843,715	528,716	265,047	4,162	45,190	1,232,848	74,182
56	776,998	238,214	15,336	419,085	30	1,247,747	874,051	353,700	3,307	16,689	660,341	265,357
57	208,026	41,701	817	123,649	.....	284,364	227,900	51,789	793	3,382	149,980	52,609
58	362,443	158,461	4,042	131,239	24	384,527	290,518	89,002	1,554	3,453	108,245	68,248
59	238,190	58,787	2,024	66,373	.....	300,297	157,741	115,814	296	26,446	476,051	43,543
60	670,551	212,660	5,355	465,606	180	1,016,688	737,115	266,315	1,600	11,658	443,482	185,867
61	292,401	38,283	6,589	213,815	.....	378,828	241,566	134,375	230	2,457	268,226	66,244
62	254,970	383,896	23,825	212,512	25	708,250	611,854	92,162	232	4,011	79,003	29,394
63	94,537	24,028	119	92,008	60	160,900	128,593	29,766	424	2,117	62,971	33,155
64	295,039	78,080	12,897	100,465	3	615,744	343,607	292,395	1,467	8,815	668,191	96,735
65	349,488	79,750	16,805	143,894	71	731,335	495,618	317,986	1,434	6,297	609,863	147,569
66	463,143	97,706	20,494	213,367	40	955,958	688,992	258,297	1,402	7,267	588,087	166,795
67	315,685	81,350	7,417	16,343	.....	321,816	182,060	117,890	1,136	20,730	875,423	56,104
68	163,021	64,523	270	160,690	15	219,821	159,887	53,010	.....	6,924	108,245	55,448
69	309,399	220,556	745	364,221	3	417,646	329,713	87,673	187	673	69,639	45,642
70	261,776	51,012	14,146	100,397	.....	473,265	282,453	182,771	1,907	6,134	318,531	83,539
71	148,105	289,746	2,417	41,257	1,626	270,560	182,647	85,104	162	2,647	188,335	36,128
72	291,130	60,302	12,472	74,880	23	628,956	374,099	247,123	1,817	5,917	375,715	130,589
73	017,326	219,733	12,906	355,395	54	1,184,081	814,549	357,153	1,974	10,405	703,394	335,867
74	404,707	74,575	18,895	439,140	.....	858,266	633,753	220,365	1,416	2,732	556,835	87,264
75	230,594	37,173	1,099	146,362	50	260,851	151,116	97,985	163	11,867	216,619	47,241
76	226,318	54,332	4,556	110,013	.....	327,024	196,681	126,132	450	3,761	395,162	74,066
77	395,985	181,053	9,484	161,913	20	709,628	529,380	171,157	2,635	6,456	333,292	115,459
78	176,589	34,700	2,535	172,232	.....	200,185	108,464	87,222	92	4,497	186,359	46,777
79	343,904	138,553	30,019	232,676	.....	513,392	305,798	171,577	7,135	28,982	594,618	89,275
80	136,990	52,401	480	58,439	7	237,584	184,525	48,800	876	3,283	94,546	35,516
81	290,891	56,627	15,224	61,430	13	531,998	348,276	173,258	2,435	8,029	357,016	79,468
82	463,802	245,008	30,261	90,643	14	568,456	388,161	173,131	2,414	4,750	371,094	132,626
83	272,991	41,969	13,197	44,519	.....	412,875	274,537	131,540	1,690	5,708	462,653	66,611
84	187,102	90,159	1,464	120,714	.....	203,554	107,644	92,727	39	3,144	138,953	53,263
85	437,321	140,143	43,000	185,027	.....	786,234	557,731	202,192	4,872	21,439	730,722	130,058
86	456,393	208,349	38,097	188,441	40	1,120,620	802,545	310,645	2,561	4,869	664,415	169,529
87	272,573	61,731	10,663	199,026	.....	463,653	249,224	207,833	939	5,657	509,345	77,414

### IOWA.

1	\$59,360,225	\$12,021,408	\$5,617,769	\$7,461,581	\$8,751	\$63,885,451	\$31,196,883	\$31,270,571	\$285,429	\$1,132,568	\$268,069,001	\$10,147,302
2	712,405	105,134	43,642	51,145	.....	617,988	274,356	328,060	2,977	12,595	2,331,931	192,513
3	505,638	76,601	56,842	28,010	.....	422,815	166,353	240,040	1,965	14,457	1,921,233	76,536
4	609,286	97,480	20,260	181,352	717	774,375	522,557	230,711	4,953	16,154	1,281,366	112,255
5	559,193	103,206	119,087	94,345	97	496,585	165,353	306,687	3,784	20,761	1,655,793	121,518
6	567,301	81,314	34,265	28,490	.....	580,306	320,871	249,696	1,731	7,708	1,895,777	97,662
7	859,102	192,443	42,906	77,812	18	816,200	398,535	406,477	3,926	7,262	3,133,288	125,063
8	726,748	168,931	37,336	79,943	.....	1,027,270	697,008	320,692	3,591	5,979	2,103,579	85,467
9	605,899	96,902	42,129	35,039	7	717,384	311,914	399,094	3,467	2,909	1,473,804	110,085
10	531,389	120,878	22,588	50,539	.....	1,047,439	750,794	287,619	3,782	5,244	1,206,220	96,573
11	717,314	132,265	20,104	57,471	.....	865,644	494,513	360,280	2,776	8,075	2,209,460	79,811
12	573,705	113,789	29,099	14,130	.....	544,208	281,069	254,438	2,510	6,281	1,762,524	77,299
13	545,448	102,795	23,885	55,036	.....	832,256	458,971	363,888	4,176	5,221	1,438,986	95,256
14	401,446	68,858	30,852	7,002	.....	468,884	189,232	274,351	2,213	3,088	1,043,183	98,323
15	628,172	125,346	33,516	13,924	.....	613,362	287,739	319,515	2,383	3,745	1,600,801	122,737
16	727,885	128,353	73,923	39,689	8	889,919	246,949	317,399	3,149	15,422	3,664,396	95,246
17	822,842	114,122	33,453	98,206	12	682,708	279,118	378,233	5,089	20,268	3,763,278	121,542
18	534,936	116,788	31,120	62,890	4	659,966	370,832	290,729	2,443	5,962	1,461,491	64,641
19	658,543	132,108	30,825	24,868	.....	496,510	227,808	258,655	2,746	7,301	2,530,389	94,033
20	471,835	91,282	17,005	126,948	.....	937,845	649,261	279,992	2,137	6,515	1,263,149	88,395
21	506,935	54,988	54,932	71,726	2	302,578	92,133	202,751	2,084	5,610	1,768,279	70,603
22	478,291	67,718	16,840	34,466	.....	537,280	307,759	213,068	2,598	14,065	1,663,334	74,424
23	945,343	183,747	51,235	238,527	4,321	1,254,584	797,979	425,678	7,795	23,732	2,195,867	181,362
24	1,134,190	125,539	46,552	85,424	.....	1,027,005	626,117	387,634	8,832	4,422	3,403,148	134,532
25	799,618	138,765	30,137	31,863	.....	650,368	295,529	344,321	3,758	6,710	3,584,750	145,923
26	581,944	103,166	71,282	52,223	10	642,541	254,566	380,933	2,733	4,309	2,612,770	110,831

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>I O W A—Continued.</b>										
27 Davis.....	320,657	311,422	243,710	\$22,592,382	\$2,002,033	\$1,224,978	\$659,847	\$54,170	\$204,467	
28 Decatur.....	341,331	319,069	257,063	24,776,661	1,709,804	930,210	718,072	33,892	170,050	
29 Delaware.....	365,288	350,223	208,086	35,851,459	3,457,303	2,447,959	1,688,511	5,939	569,762	
30 Des Moines.....	261,551	249,983	190,429	30,411,333	2,393,863	1,710,092	1,240,750	174,289	287,759	
31 Dickinson.....	240,770	208,321	186,167	16,635,744	1,300,566	1,040,773	662,908	14,501	342,674	
32 Dubuque.....	384,727	366,390	272,010	33,745,193	3,558,041	2,247,153	1,483,939	18,204	661,548	
33 Emmet.....	251,382	224,054	181,179	17,627,234	1,384,430	1,027,104	662,070	0,320	336,584	
34 Fayette.....	463,046	447,459	365,904	40,477,610	3,614,151	2,374,711	1,537,575	17,539	675,876	
35 Floyd.....	316,947	298,544	206,474	29,617,840	2,716,086	1,986,155	1,272,305	10,159	672,743	
36 Franklin.....	370,196	356,833	313,812	35,910,846	3,335,563	2,536,241	1,698,005	13,761	830,862	
37 Fromont.....	324,534	296,977	267,488	37,608,561	3,368,678	2,680,598	2,392,009	165,866	116,163	
38 Greene.....	367,234	357,066	313,347	42,782,047	3,316,415	2,583,457	1,926,607	6,121	633,674	
39 Grundy.....	320,748	318,280	301,168	46,721,411	3,713,062	2,804,302	1,873,075	9,627	834,002	
40 Guthrie.....	380,897	354,200	295,710	38,092,711	3,096,023	2,123,484	1,661,008	39,789	398,520	
41 Hamilton.....	354,964	357,803	315,343	43,339,235	3,578,138	2,854,027	2,000,121	31,438	805,335	
42 Hancock.....	364,498	340,298	311,300	27,907,666	2,375,306	1,820,912	1,171,010	24,504	584,423	
43 Hardin.....	363,014	351,781	314,787	43,220,085	3,498,345	2,688,709	1,885,428	33,150	745,173	
44 Harrison.....	442,377	408,097	346,138	42,407,667	4,301,397	3,485,410	2,850,520	376,083	216,655	
45 Henry.....	273,198	263,749	209,182	36,647,677	2,697,061	2,025,485	1,567,204	37,560	370,689	
46 Howard.....	299,785	285,492	252,773	23,300,105	1,961,186	1,313,210	684,435	12,497	492,252	
47 Humboldt.....	276,105	260,116	242,327	27,912,429	2,474,635	1,934,618	1,282,017	30,304	644,740	
48 Ida.....	275,094	270,092	204,000	38,504,175	3,310,394	2,700,335	2,037,328	31,720	522,093	
49 Iowa.....	373,071	360,024	300,215	44,278,627	3,541,567	2,523,709	2,031,235	45,026	435,472	
50 Jackson.....	404,352	389,773	271,379	31,163,451	3,063,025	1,640,317	1,497,103	27,021	338,139	
51 Jasper.....	466,910	453,901	409,931	57,993,340	4,530,048	3,433,373	2,742,971	123,949	544,558	
52 Jefferson.....	275,569	263,260	213,747	29,099,808	2,146,850	1,413,240	1,018,465	114,056	265,640	
53 Johnson.....	390,542	378,334	324,157	47,165,241	4,000,984	2,790,531	2,150,978	74,292	517,116	
54 Jones.....	361,242	341,433	281,916	38,740,109	3,483,873	2,453,476	1,943,730	10,201	377,571	
55 Keokuk.....	369,094	357,571	304,094	44,606,787	3,231,306	2,244,655	1,729,128	84,348	397,639	
56 Kossuth.....	622,535	566,404	492,571	46,168,957	3,972,126	3,000,506	1,940,257	39,576	1,071,291	
57 Lee.....	327,229	310,660	215,971	28,911,713	2,685,065	1,698,534	1,116,855	330,804	217,586	
58 Linn.....	453,682	431,055	357,792	53,924,754	4,736,465	3,284,120	2,150,190	35,204	778,160	
59 Louisa.....	253,186	236,934	190,885	28,497,546	2,423,888	1,911,636	1,401,016	267,721	221,185	
60 Lucas.....	269,531	263,659	209,959	29,944,292	1,685,851	1,017,649	814,410	38,803	161,874	
61 Lyon.....	372,543	352,032	323,933	39,168,244	3,857,544	3,328,080	2,092,705	23,238	944,142	
62 Madison.....	360,563	346,541	287,917	36,894,021	2,663,445	1,720,523	1,467,065	35,663	182,726	
63 Mahaska.....	363,650	350,531	308,932	44,264,685	3,236,495	2,320,824	1,838,721	81,165	377,822	
64 Marion.....	360,440	343,940	290,519	36,892,614	2,844,714	2,087,204	1,723,434	166,483	224,060	
65 Marshall.....	365,770	357,960	331,162	51,639,566	4,175,922	3,193,392	2,343,682	66,783	762,442	
66 Mills.....	280,041	260,648	232,453	33,210,610	2,921,520	2,164,925	1,883,080	146,700	126,510	
67 Mitchell.....	290,273	287,046	261,723	27,595,907	2,812,483	2,067,098	1,022,420	14,209	999,315	
68 Monona.....	439,138	400,340	321,065	35,291,218	3,448,528	2,813,220	2,115,093	452,077	208,375	
69 Monroe.....	270,210	257,951	193,860	18,340,350	1,552,644	821,321	651,550	83,640	83,070	
70 Montgomery.....	271,230	266,403	225,784	37,738,415	2,927,619	2,275,098	1,802,656	245,010	153,662	
71 Muscatine.....	276,166	259,046	212,277	32,537,215	2,805,608	1,846,063	1,425,631	114,025	180,728	
72 O'Brien.....	363,860	345,873	325,974	40,380,479	3,452,177	2,707,387	1,773,899	7,580	893,104	
73 Osceola.....	236,048	236,406	227,692	21,335,108	2,133,171	1,540,415	882,978	5,154	556,599	
74 Page.....	339,954	327,899	316,720	46,988,719	3,831,027	3,719,187	2,255,128	263,208	188,737	
75 Palo Alto.....	359,335	324,468	289,037	26,564,106	2,126,057	1,646,093	1,082,894	0,331	469,109	
76 Plymouth.....	547,667	539,533	514,114	63,104,477	5,879,143	4,805,736	3,370,142	385,697	896,987	
77 Pocahontas.....	368,652	351,777	305,378	35,240,229	2,689,605	2,487,228	1,659,191	5,432	816,918	
78 Polk.....	372,745	339,196	290,533	51,341,033	3,842,561	2,877,374	2,011,455	153,177	399,247	
79 Polk-walthamie.....	602,824	574,538	523,197	75,102,185	6,903,657	4,940,250	4,205,543	293,738	377,760	
80 Pottawattamie.....	379,955	359,765	337,404	48,771,608	3,554,728	2,688,243	2,087,593	40,069	474,242	
81 Ringgold.....	345,614	325,483	292,320	26,512,440	1,998,467	1,688,482	833,201	33,678	219,656	
82 Sac.....	367,208	360,529	329,061	49,209,738	3,744,739	2,836,575	2,065,557	12,642	689,310	
83 Scott.....	287,431	276,973	249,376	40,992,072	3,717,348	2,450,473	1,748,990	158,947	278,837	
84 Shelby.....	376,933	370,317	351,849	53,901,139	4,402,714	3,413,975	2,761,993	149,046	353,294	
85 Story.....	483,395	475,438	439,396	64,019,583	5,618,006	4,634,735	3,199,980	174,030	1,039,892	
86 Story.....	392,681	351,286	313,202	47,452,180	3,861,883	3,053,467	2,320,694	38,485	671,531	
87 Tama.....	460,466	440,404	399,494	60,511,646	4,721,378	3,532,197	2,577,162	62,808	773,289	
88 Taylor.....	342,024	336,567	310,883	34,428,387	2,556,181	1,615,161	1,286,395	83,065	230,111	
89 Union.....	273,617	252,437	220,455	28,631,240	1,508,829	890,567	661,044	14,658	166,618	
90 Van Buren.....	305,417	300,515	223,022	24,726,826	1,985,411	1,308,810	967,320	125,707	207,884	
91 Wapello.....	273,703	259,892	215,617	27,269,251	2,051,006	1,239,931	930,825	95,170	194,376	
92 Warren.....	364,670	342,113	301,010	36,127,075	2,728,306	1,817,368	1,496,900	103,804	292,090	
93 Washington.....	357,689	338,975	290,298	47,588,694	3,307,238	2,604,445	1,959,370	86,753	441,215	
94 Wayne.....	335,988	323,921	294,052	27,719,983	2,221,459	1,393,177	1,077,324	16,697	266,535	
95 Webster.....	456,753	423,592	365,085	44,155,470	3,710,274	2,896,961	1,915,456	41,773	934,001	
96 Winnobago.....	265,601	237,606	205,072	19,121,757	1,601,200	1,123,115	752,824	115,433	310,436	
97 Winneshiek.....	439,309	425,917	334,716	34,071,537	3,403,186	2,320,340	1,310,580	74,056	675,370	
98 Woodbury.....	552,968	524,138	467,796	55,307,981	5,522,200	4,300,821	3,294,433	315,841	588,755	
99 Worth.....	255,592	247,982	210,623	19,197,106	1,272,044	677,632	74,117	492,160	42,160	
100 Wright.....	397,913	355,341	304,901	35,000,106	3,105,273	2,427,767	1,615,941	20,952	764,985	

# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

WEST NORTH CENTRAL—Continued.

VALUE: 1909—continued.												
County	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
				Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
27	\$408,330	\$91,470	\$87,277	\$129,978	\$108	\$570,809	\$135,821	\$343,849	\$4,780	\$86,449	\$1,598,991	\$107,333
28	512,468	57,039	113,803	96,374	94	492,536	146,781	327,026	3,280	15,439	1,743,732	92,911
29	703,306	128,938	25,025	62,075	.....	1,130,773	808,094	320,854	5,787	10,008	2,246,521	121,769
30	305,633	133,163	76,335	69,670	.....	498,517	204,343	287,592	2,116	4,466	1,539,898	124,303
31	262,811	50,485	10,542	26,955	.....	277,080	104,837	104,813	865	6,545	603,142	31,456
32	850,736	205,890	65,386	189,776	2	905,234	590,427	292,019	3,965	12,823	2,150,630	177,618
33	277,102	49,632	11,610	18,931	.....	347,785	218,094	121,277	1,042	7,372	1,042,574	35,570
34	881,256	158,888	39,048	160,248	1,700	1,426,085	919,417	485,537	6,311	13,790	2,572,214	127,843
35	463,630	95,804	21,723	158,568	3	700,180	366,308	330,877	1,888	11,107	1,810,293	64,158
36	593,151	107,167	10,308	29,696	.....	678,550	354,213	314,663	2,845	6,829	1,781,050	83,199
37	395,332	104,155	157,903	30,630	50	330,099	102,402	225,385	1,034	1,188	1,765,476	94,169
38	584,707	95,808	38,526	13,917	5	567,184	198,036	352,414	1,950	4,784	1,732,608	102,916
39	539,374	323,345	17,851	28,100	.....	673,443	355,846	308,335	1,762	7,450	2,205,335	95,342
40	739,887	95,804	53,791	83,007	252	550,429	266,517	283,107	2,127	4,078	2,160,366	92,550
41	609,581	77,326	21,444	15,700	.....	650,809	303,065	340,044	2,616	5,084	1,668,386	78,519
42	446,380	75,793	17,370	14,846	10	509,437	345,480	248,832	1,652	3,523	1,204,810	76,628
43	590,881	152,933	32,131	27,831	.....	741,300	392,488	369,021	3,699	6,098	2,134,985	92,548
44	572,196	140,591	136,132	57,059	.....	611,974	222,995	380,664	2,876	5,439	2,752,158	102,076
45	438,136	111,720	55,437	67,183	30	597,607	151,510	402,992	1,774	41,331	1,818,391	124,798
46	425,031	63,602	13,790	145,543	22	639,259	395,150	229,576	2,304	12,229	1,102,909	69,617
47	400,531	67,093	24,493	17,900	.....	404,722	285,395	222,972	2,498	3,857	1,480,548	56,564
48	468,493	105,650	24,207	5,709	12	379,122	190,320	205,202	2,707	3,893	2,360,456	78,822
49	645,832	134,842	43,310	103,874	20	717,260	305,790	392,235	3,682	15,582	3,190,521	123,129
50	876,622	108,221	33,099	125,763	4	821,408	526,637	280,430	4,090	10,245	2,602,692	147,165
51	800,624	154,427	72,885	68,839	11	814,380	279,838	518,371	2,726	13,445	4,038,952	156,463
52	484,094	75,141	81,506	92,869	40	493,356	133,094	344,761	3,186	12,315	2,083,309	118,500
53	815,909	153,022	62,404	173,058	43	685,106	242,223	422,222	3,334	17,327	3,427,745	125,713
54	807,476	100,130	24,020	80,771	.....	908,130	569,482	327,375	3,612	7,661	2,990,691	100,186
55	602,609	131,298	80,066	102,878	189	682,056	189,648	476,902	3,430	12,676	3,145,956	143,797
56	685,547	126,761	30,061	39,158	.....	978,532	570,110	398,257	1,234	8,931	1,700,688	134,899
57	532,258	191,790	103,022	159,461	14	609,517	215,700	344,173	3,125	46,519	1,225,054	106,679
58	938,020	265,257	100,299	142,169	9	1,069,742	566,871	483,164	4,559	15,148	3,484,602	141,742
59	336,520	105,633	34,044	36,640	.....	303,005	79,104	215,202	3,030	5,609	2,050,703	75,842
60	444,173	71,472	63,097	80,160	60	425,743	130,715	274,057	1,968	19,003	1,447,108	81,776
61	413,540	96,095	10,130	9,690	.....	497,970	261,427	199,172	1,326	6,054	1,612,277	91,180
62	623,044	95,503	73,955	84,420	3	512,306	162,859	347,743	3,447	8,267	2,756,405	110,225
63	508,190	125,491	63,729	95,252	20	391,113	251,525	467,985	3,754	22,988	2,650,490	148,061
64	513,354	92,715	84,507	66,034	26	597,020	164,552	407,362	2,720	22,988	2,601,549	131,228
65	680,106	187,031	54,775	59,748	36	600,011	309,884	366,215	2,825	11,687	2,528,156	108,415
66	406,003	95,004	223,128	31,770	5	328,012	114,415	209,725	911	2,961	1,717,635	68,684
67	421,152	95,360	23,708	174,196	.....	614,982	351,268	254,054	2,405	7,255	1,624,148	60,690
68	451,701	79,940	60,190	43,558	.....	487,086	194,452	290,233	2,335	666	1,713,636	77,818
69	501,632	61,020	77,596	91,075	198	404,853	168,989	225,014	2,543	8,307	1,455,633	85,166
70	483,978	70,812	70,210	27,411	.....	387,480	148,114	233,631	924	4,811	2,388,412	92,243
71	500,194	393,015	43,782	82,854	.....	492,935	234,633	249,752	2,918	5,632	2,080,883	86,743
72	605,257	97,814	14,749	26,979	.....	530,958	303,056	207,916	1,350	18,636	2,384,938	87,656
73	255,771	55,859	5,359	29,313	.....	306,425	167,504	131,871	373	6,617	1,761,262	49,540
74	611,820	144,269	225,073	225,073	.....	527,051	211,006	305,915	1,123	9,007	2,689,211	104,354
75	377,612	70,122	18,693	13,627	.....	562,278	348,727	207,934	1,748	3,869	941,450	64,016
76	853,478	146,196	38,723	35,010	37	708,831	343,913	355,815	2,544	6,559	2,902,551	102,045
77	381,307	85,193	22,574	13,213	.....	512,002	200,773	307,231	930	3,128	1,033,184	88,949
78	618,154	244,004	179,144	222,985	15	885,344	445,533	433,800	3,166	2,845	1,779,016	116,556
79	1,086,258	320,494	280,720	205,935	42	987,056	455,647	525,312	1,485	5,212	4,421,911	199,464
80	646,723	107,755	49,775	92,232	16	602,212	249,818	358,435	3,023	10,936	3,245,970	94,782
81	613,883	49,444	106,990	49,659	43	448,642	148,660	284,515	2,106	13,361	2,038,160	72,790
82	634,418	193,255	44,449	36,042	.....	570,893	250,637	315,563	2,906	7,787	2,007,474	99,328
83	621,165	464,467	69,212	103,031	.....	992,400	613,803	372,576	2,884	3,143	1,634,436	126,824
84	804,465	103,602	44,628	35,844	.....	583,107	238,254	339,524	2,687	3,009	2,945,945	127,022
85	818,497	126,843	23,531	15,300	.....	876,018	514,188	342,898	1,868	17,084	2,723,100	155,619
86	649,900	91,959	40,142	27,225	.....	781,146	335,360	437,267	2,932	5,587	2,231,002	95,839
87	890,103	184,305	40,472	74,301	31	793,196	330,566	449,669	2,979	9,962	3,005,611	130,494
88	649,606	101,005	142,327	48,082	30	498,936	172,812	274,460	1,187	20,477	2,387,545	114,305
89	499,714	68,422	48,513	42,613	.....	490,727	171,884	248,556	2,366	7,921	1,536,963	66,715
90	430,151	64,174	70,507	102,789	125	509,471	112,586	323,159	3,470	70,256	1,936,174	83,054
91	481,760	128,484	114,526	90,205	63	542,130	237,390	278,586	3,827	22,327	1,831,052	97,122
92	636,112	103,087	110,275	61,404	12	549,423	172,941	364,591	3,431	8,490	2,684,139	122,748
93	606,310	117,890	74,953	93,631	18	577,335	161,344	401,246	3,308	11,437	3,428,747	114,538
94	616,872	63,701	61,500	464,200	49	464,200	135,634	316,909	3,635	8,022	1,872,045	101,670
95	604,803	107,834	34,308	66,308	.....	634,587	297,335	331,182	3,186	2,884	1,296,634	99,619
96	325,786	58,419	14,860	20,071	.....	513,414	339,304	169,823	1,216	3,071	617,351	43,363
97	705,384	112,009	20,080	236,358	18	1,064,430	662,623	371,844	5,218	24,745	1,857,983	163,039
98	846,384	211,671	75,082	87,342	.....	693,785	311,902	362,602	5,021	14,210	3,148,918	125,006
99	368,698	43,166	13,705	64,679	.....	494,349	317,589	172,880	912	2,968	707,548	48,885
100	540,039	61,083	22,353	24,631	.....	582,764	312,529	262,109	3,108	5,018	1,249,960	77,536

I O W A—Continued.

## AGRICULTURE.

## ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>MISSOURI.</b>										
1 The state.....	43,985,280	34,591,248	24,581,180	\$2,052,917,488	\$220,663,724	\$147,980,414	\$107,347,033	\$29,926,209	\$10,253,990	
2 Adair.....	365,440	321,073	253,550	19,376,877	1,563,019	850,882	717,690	13,225	123,881	
3 Andrew.....	273,920	219,723	219,723	20,891,659	2,572,010	1,747,801	1,484,376	163,500	84,202	
4 Atchison.....	337,920	313,943	205,606	38,448,516	3,509,836	2,859,544	2,586,248	114,523	145,762	
5 Audrain.....	438,400	420,550	303,183	33,575,009	3,580,189	3,017,438	2,186,306	209,757	618,878	
6 Barry.....	501,760	349,105	217,058	11,768,175	1,679,499	1,012,732	500,287	334,732	115,322	
7 Barton.....	381,440	336,780	309,121	17,797,597	2,007,384	1,493,747	1,228,094	147,436	105,839	
8 Bates.....	556,800	456,067	456,067	31,034,232	2,993,034	2,087,094	1,683,620	237,913	154,023	
9 Benton.....	476,800	301,635	224,061	14,420,876	1,590,145	1,102,705	889,331	118,075	89,230	
10 Bollinger.....	389,700	297,328	149,082	6,164,628	1,081,336	506,438	427,016	110,816	26,780	
11 Boone.....	440,320	408,236	321,514	27,055,742	2,772,048	2,046,472	1,622,890	283,100	136,493	
12 Buchanan.....	261,120	236,934	197,322	32,303,640	2,880,912	1,844,713	1,185,800	509,806	72,683	
13 Butler.....	447,300	188,269	73,458	4,957,762	933,522	440,277	422,861	6,505	10,901	
14 Caldwell.....	277,120	269,183	246,764	23,018,038	1,910,107	1,433,748	1,200,123	47,307	172,185	
15 Callaway.....	517,120	489,210	306,535	27,911,268	3,470,309	2,593,498	1,825,857	570,164	195,314	
16 Camden.....	430,680	301,616	100,057	6,182,241	912,038	514,250	462,800	40,802	7,876	
17 Cape Girardeau.....	371,200	329,867	224,860	15,292,154	2,194,803	1,431,801	843,982	489,107	97,599	
18 Carroll.....	449,920	416,514	370,946	34,058,032	3,518,456	2,847,729	1,830,830	838,228	176,308	
19 Carter.....	323,840	89,316	28,205	1,553,520	304,235	145,800	137,413	3,955	3,670	
20 Cass.....	461,440	425,128	375,528	35,683,052	3,267,000	2,264,453	1,821,324	235,593	199,577	
21 Cedar.....	318,720	289,170	202,958	11,302,194	1,447,637	993,645	787,043	152,301	48,395	
22 Charlton.....	491,520	442,719	376,512	32,174,790	2,995,716	2,074,594	1,390,497	546,501	130,901	
23 Christian.....	353,920	259,226	168,766	10,057,403	1,383,117	912,439	592,116	248,274	71,492	
24 Clark.....	318,720	305,912	243,515	19,628,172	1,637,503	1,037,711	742,234	178,629	145,911	
25 Clay.....	257,280	237,693	209,229	20,403,929	2,646,077	1,409,520	1,169,369	148,136	85,169	
26 Clinton.....	270,720	266,702	246,737	28,443,709	2,928,790	1,409,343	1,390,346	66,872	180,944	
27 Cole.....	248,000	223,780	128,925	10,204,156	1,414,662	847,468	466,955	325,940	52,676	
28 Cooper.....	367,120	340,199	273,505	26,776,438	3,096,121	2,446,714	1,603,164	710,920	129,697	
29 Crawford.....	478,080	281,602	118,164	6,873,975	963,166	504,344	306,400	116,543	26,038	
30 Dade.....	320,640	302,091	231,858	14,375,922	1,820,237	1,430,795	995,323	327,130	104,363	
31 Dallas.....	347,520	264,831	164,068	7,264,885	963,083	589,430	474,125	83,317	29,791	
32 Daviess.....	360,960	342,530	276,717	28,334,030	1,800,592	1,000,477	874,504	63,308	116,922	
33 DeKalb.....	272,000	263,469	245,836	24,760,603	1,946,115	1,436,071	1,212,004	77,048	136,745	
34 Dent.....	477,440	425,317	117,633	5,858,382	857,358	429,063	333,077	70,947	14,288	
35 Douglas.....	514,560	342,022	150,519	5,801,031	986,945	511,338	451,959	43,963	13,878	
36 Dunklin.....	339,200	174,456	139,705	11,410,335	3,009,020	819,234	786,420	21,352	10,575	
37 Franklin.....	562,560	476,857	277,786	20,561,031	2,034,343	2,015,645	964,682	971,136	78,349	
38 Gasconade.....	328,060	297,309	125,098	8,338,566	1,303,047	893,658	396,140	430,621	35,959	
39 Gentry.....	313,000	303,441	258,285	24,931,106	1,752,560	1,041,284	912,666	52,059	72,353	
40 Granoon.....	428,880	385,314	303,580	25,183,051	2,840,340	1,795,868	1,128,206	404,070	171,201	
41 Grundy.....	277,120	260,533	222,223	21,232,772	1,371,459	721,464	645,022	21,045	52,985	
42 Harrison.....	461,440	406,593	357,866	33,735,937	2,255,000	1,150,742	961,322	46,740	137,893	
43 Henry.....	476,100	430,833	370,261	27,248,180	2,046,598	2,267,312	1,864,240	209,920	180,009	
44 Hickory.....	260,480	227,733	114,810	6,677,170	745,612	408,213	306,068	67,593	32,192	
45 Holt.....	285,440	257,093	227,366	20,055,124	2,572,195	1,063,370	1,037,456	217,818	98,046	
46 Howard.....	299,520	267,774	205,087	18,722,611	2,018,066	1,427,685	1,022,613	359,675	44,623	
47 Howell.....	585,000	381,570	175,961	10,890,090	1,208,205	803,071	552,444	27,300	21,500	
48 Iron.....	353,920	112,413	48,517	2,713,094	419,047	188,520	154,462	24,533	9,314	
49 Jackson.....	390,400	318,059	265,743	52,076,491	3,195,149	2,027,063	1,459,547	402,061	162,839	
50 Jasper.....	409,400	324,200	272,704	23,378,008	2,573,369	1,812,280	1,023,194	631,236	151,797	
51 Jefferson.....	435,840	355,272	172,717	14,466,508	2,195,193	1,250,845	810,383	300,605	43,200	
52 Johnson.....	531,840	488,623	425,151	32,024,413	3,376,512	2,559,778	2,010,473	360,553	178,612	
53 Knox.....	328,060	312,371	265,770	21,132,430	1,855,714	1,250,704	1,039,628	23,300	185,404	
54 Laclede.....	481,020	333,076	160,012	9,780,897	1,209,017	716,071	605,332	81,643	28,682	
55 Lafayette.....	391,080	368,229	330,116	38,355,052	3,942,473	3,171,613	1,975,249	1,051,886	142,574	
56 Lawrence.....	380,760	356,342	201,733	18,781,151	2,557,447	1,853,118	794,190	890,510	165,507	
57 Lewis.....	322,560	304,685	242,334	21,112,558	1,008,934	1,200,438	943,648	199,674	118,967	
58 Lincoln.....	388,480	369,456	265,206	21,159,150	2,243,580	2,243,014	1,250,200	855,221	137,200	
59 Linn.....	400,040	376,998	322,196	28,862,815	2,196,514	1,354,566	1,166,148	54,474	130,213	
60 Livingston.....	339,840	318,086	257,935	24,847,593	1,801,023	1,135,030	878,544	118,290	122,680	
61 McDonald.....	337,280	217,180	106,006	6,221,370	840,082	441,191	303,794	87,624	49,102	
62 Macon.....	517,700	483,283	392,133	20,268,954	2,603,184	1,523,021	1,315,016	50,609	155,054	
63 Madison.....	319,300	67,408	67,408	3,828,835	704,462	338,723	704,817	109,618	12,050	
64 Maries.....	332,800	270,850	126,316	6,022,512	839,211	524,967	371,205	125,456	27,702	
65 Marion.....	279,040	257,507	200,649	17,820,100	1,808,917	1,430,807	823,698	524,004	82,900	
66 Mercer.....	289,920	278,794	241,145	18,286,398	1,460,114	692,060	617,299	18,948	59,594	
67 Miller.....	379,520	325,358	146,651	8,347,551	1,243,003	770,103	529,674	195,334	43,746	
68 Mississippi.....	264,320	146,955	130,598	2,114,657	2,114,657	1,806,212	1,241,740	620,502	8,880	
69 Moniteau.....	262,400	251,893	190,120	14,008,405	1,773,007	1,204,540	1,856,105	323,209	111,953	
70 Monroe.....	426,240	416,785	357,115	27,988,119	2,798,490	2,076,768	1,750,973	97,471	224,837	
71 Montgomery.....	328,900	309,196	226,386	18,727,235	2,327,047	1,915,152	1,182,301	557,576	174,489	

# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## WEST NORTH CENTRAL—Continued.

VALUE: 1909—continued.											Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.							
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			

### MISSOURI.

1	\$33,845,094	\$13,305,829	\$8,872,688	\$16,659,699	\$676,479	\$47,279,465	\$13,685,318	\$31,669,494	\$274,174	\$1,650,479	\$143,967,066	\$15,272,156
2	430,030	90,543	94,015	81,949	781	464,094	118,241	324,511	2,901	18,441	1,146,984	117,922
3	402,396	200,250	135,127	86,436	1,848	611,090	226,853	370,173	2,170	11,894	1,862,119	160,798
4	407,620	83,417	120,007	30,342	-----	310,149	84,586	222,052	693	2,818	3,065,026	98,537
5	311,413	117,499	51,648	82,101	164	652,472	115,741	488,521	4,123	44,087	2,858,545	182,493
6	244,875	128,701	155,443	137,688	988	420,218	142,544	268,632	1,570	7,472	1,161,195	124,802
7	333,199	100,540	14,674	65,215	89	431,234	125,770	298,936	699	5,829	1,156,196	107,554
8	558,105	120,119	81,718	137,898	520	697,275	175,521	499,276	4,779	17,690	2,330,420	168,587
9	274,075	83,610	37,080	91,766	741	375,187	77,107	285,317	1,958	10,805	1,128,736	121,814
10	205,118	101,804	81,300	126,076	1,006	287,482	54,061	169,930	1,932	11,559	513,349	124,246
11	388,250	150,684	77,171	110,371	984	564,642	158,827	376,905	3,731	25,089	2,309,747	241,352
12	311,487	333,507	178,180	213,025	31,243	662,875	322,267	328,564	1,593	10,451	1,516,146	171,291
13	146,700	102,240	60,792	193,507	311	176,623	77,585	95,758	2,642	638	272,199	87,392
14	300,776	71,820	37,250	30,513	201	478,394	142,704	306,120	816	25,604	1,870,647	106,469
15	370,313	158,485	94,879	277,134	10,031	662,554	108,043	503,064	2,197	49,250	3,608,389	249,279
16	178,056	94,917	38,080	87,026	334	194,147	52,823	126,519	940	13,856	591,153	108,426
17	347,934	141,812	92,240	181,010	2,052	445,020	122,900	303,500	1,875	17,345	716,466	226,883
18	396,113	119,124	58,404	94,086	38,429	546,106	115,210	410,103	2,356	18,437	2,099,723	125,957
19	66,092	31,000	16,607	44,496	100	45,972	18,319	25,863	989	801	109,289	25,158
20	603,834	140,220	69,323	189,253	4,947	681,568	201,888	456,074	6,285	17,311	2,934,437	189,599
21	213,060	120,456	34,913	80,163	423	456,928	89,324	358,348	1,677	7,579	911,548	127,461
22	500,786	142,796	117,272	160,268	68,018	594,075	123,210	425,408	5,041	41,016	1,773,254	212,175
23	195,902	83,093	66,627	124,090	1,873	309,771	228,592	307,070	3,211	10,970	3,598,427	121,220
24	382,475	74,696	20,434	67,247	72	461,094	75,588	307,070	3,211	21,225	1,123,121	96,771
25	242,602	150,646	108,098	135,341	79,456	407,898	93,793	294,551	2,049	17,375	2,609,597	143,922
26	248,622	69,110	34,802	45,004	12,382	371,420	100,514	258,181	2,248	10,477	3,846,694	112,226
27	200,826	112,602	43,037	150,129	615	305,320	102,978	198,247	547	3,554	424,702	130,661
28	300,723	110,623	65,267	173,304	18,792	450,810	74,894	358,715	1,881	15,330	1,775,139	208,649
29	209,770	88,818	46,580	116,654	893	217,010	57,761	147,435	1,619	10,195	543,602	90,172
30	227,057	85,550	20,213	59,622	365	417,394	85,827	312,541	2,477	16,549	1,276,768	130,359
31	181,080	67,646	34,314	80,001	1,445	255,897	52,319	198,709	1,777	8,692	635,169	116,123
32	455,451	96,926	103,037	90,701	1,548	577,812	133,850	396,551	3,612	43,799	1,890,692	142,941
33	325,853	83,319	46,280	54,692	52	511,876	146,297	345,187	3,322	17,070	2,148,000	124,744
34	101,173	81,165	48,126	104,831	755	164,015	54,840	101,632	1,282	6,261	540,672	79,621
35	191,820	95,489	43,706	144,502	758	205,104	56,625	133,843	1,137	13,499	624,635	97,182
36	174,381	117,080	45,889	1,912,446	481	210,766	101,042	106,695	2,856	173	595,805	161,356
37	421,900	163,066	46,273	286,853	2,027	691,910	165,299	514,359	2,890	9,392	818,759	238,871
38	206,612	75,606	39,229	117,042	1,136	292,704	48,548	237,580	799	5,777	492,482	120,267
39	440,465	75,681	130,670	58,600	86	509,944	140,737	337,497	2,951	28,759	1,932,027	128,065
40	424,967	208,094	235,540	181,890	1,914	865,370	374,799	470,115	4,815	15,641	1,536,439	208,002
41	401,769	59,389	122,168	60,009	54	401,716	112,447	248,872	3,849	36,543	1,360,737	90,983
42	684,784	83,471	222,654	113,340	238	728,183	192,011	482,096	6,885	46,291	2,312,431	163,425
43	370,811	147,681	62,839	107,055	680	509,684	150,275	328,399	4,011	7,999	2,108,779	186,044
44	127,186	49,473	27,328	43,412	466	240,176	42,278	195,640	1,116	7,142	494,744	78,259
45	334,033	100,770	113,396	60,626	48	363,110	117,890	240,144	2,159	3,327	1,556,351	119,542
46	289,362	97,456	82,426	121,237	37,832	342,164	60,193	263,812	1,672	16,487	1,554,651	168,324
47	240,682	108,873	102,917	151,762	1,630	284,072	118,318	156,319	2,022	7,413	1,106,298	103,841
48	101,859	45,370	25,072	57,320	944	74,259	29,672	41,517	1,517	11,553	171,190	44,237
49	514,821	332,419	113,410	207,436	793	1,276,017	726,171	534,443	2,537	11,866	1,477,059	167,162
50	203,735	184,264	120,144	153,946	201	648,009	306,879	334,000	1,950	5,180	669,735	123,372
51	380,036	100,261	238,254	126,707	1,455	899,270	386,180	505,162	4,133	3,795	533,069	160,126
52	469,737	154,923	80,969	111,105	747	748,295	179,586	535,783	6,273	26,563	2,459,619	216,699
53	372,194	72,001	57,327	103,308	1,560	414,014	54,697	332,220	3,429	24,268	1,833,534	110,700
54	256,376	94,425	47,545	91,600	321	318,015	82,789	208,912	1,861	19,453	877,108	106,416
55	455,196	154,000	65,512	96,083	480	619,770	190,382	407,193	1,434	14,761	1,984,148	216,586
56	233,383	121,624	191,411	157,011	252	533,319	163,757	359,387	2,667	7,508	836,397	155,383
57	368,302	71,838	45,372	153,984	855	523,123	153,108	339,090	5,919	25,000	1,587,233	112,827
58	229,144	134,258	33,305	114,769	753	557,907	81,478	463,065	2,484	10,880	1,468,622	186,409
59	559,340	94,000	77,920	110,583	697	619,304	139,204	430,462	5,514	38,124	2,176,952	140,017
60	307,009	94,771	153,844	80,369	4,198	611,894	126,376	353,145	4,511	27,362	1,471,571	126,307
61	153,327	45,707	116,504	84,233	488	188,095	56,782	125,768	853	5,592	433,451	82,870
62	654,369	146,878	159,550	119,367	996	719,638	191,404	490,067	5,248	25,619	2,204,933	184,556
63	173,196	49,692	57,408	85,443	218	139,230	42,679	86,305	981	3,265	254,367	55,096
64	143,018	59,435	21,058	90,793	286	225,670	49,120	168,107	784	7,059	636,079	98,910
65	230,640	78,057	36,155	113,358	1,078	435,087	151,511	263,652	2,820	22,704	1,190,255	100,214
66	416,177	71,233	134,003	145,981	788	437,267	75,070	346,282	3,020	12,295	1,334,912	103,950
67	206,382	91,830	43,006	131,232	627	294,098	66,182	218,935	1,062	8,819	647,124	124,880
68	122,264	63,072	14,471	48,038	-----	150,257	58,471	91,266	394	1,126	365,640	86,106
69	237,595	84,697	28,633	127,533	663	357,813	68,188	281,199	398	7,528	1,142,257	130,824
70	444,591	117,441	62,623	97,097	2,083	588,484	126,376	424,247	6,238	75,057	2,389,728	209,040
71	220,213	70,231	35,938	77,413	456	518,745	72,776	430,102	2,082	13,785	1,177,612	154,061

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.		
					Total.	Corn.	Wheat.	Oats.

MISSOURI—Continued.

72	Morgan	302,060	270,822	153,203	\$10,948,065	\$1,413,516	\$1,039,684	\$699,070	\$251,090	\$83,176
73	New Madrid	417,280	156,403	121,523	11,480,790	2,012,794	1,391,811	1,179,921	209,956	1,934
74	Newton	398,080	301,494	210,729	14,786,450	2,045,894	1,233,987	709,119	404,916	117,643
75	Nodaway	557,440	530,940	407,034	57,570,540	4,655,743	3,168,591	2,716,198	230,254	197,679
76	Oregon	497,920	258,558	111,809	6,745,000	1,002,599	480,048	409,390	44,621	25,289
77	Osage	379,520	344,721	140,114	10,172,880	1,672,501	1,149,196	587,033	534,218	20,513
78	Ozark	477,440	285,362	94,270	3,478,357	906,058	366,857	318,431	34,105	12,817
79	Pemiscot	291,840	100,950	84,307	6,695,000	1,027,181	713,674	713,394		280
80	Perry	205,680	204,055	156,761	10,513,970	1,530,437	1,037,436	535,135	430,203	62,704
81	Pettis	438,400	407,360	356,639	31,408,015	3,420,116	2,680,409	2,161,051	314,330	197,417
82	Phelps	428,800	270,528	125,968	6,093,247	954,672	470,406	350,846	101,943	20,400
83	Pike	417,920	400,122	307,053	21,798,711	3,277,436	2,478,405	1,407,063	799,697	180,559
84	Platte	205,600	232,941	173,778	24,542,983	2,657,110	1,921,017	995,013	834,558	80,014
85	Polk	410,240	300,243	257,624	15,955,592	1,853,083	1,220,180	888,779	243,152	85,594
86	Pulaski	346,880	214,756	92,601	5,584,230	748,003	427,559	301,649	23,119	6,703
87	Rutnam	330,880	320,373	205,841	18,077,847	1,500,542	781,539	685,658	17,026	76,159
88	Ralls	307,840	274,441	219,202	17,005,020	2,025,738	1,558,933	1,052,500	330,053	175,375
89	Randolph	314,240	285,281	223,008	18,463,591	1,803,570	1,210,234	1,010,621	88,787	105,240
90	Ray	361,000	327,341	284,883	25,869,994	2,583,058	1,900,689	1,504,220	204,745	104,607
91	Reynolds	529,920	145,551	58,783	2,774,210	715,402	347,120	337,926	5,421	3,462
92	Ripley	401,280	191,492	78,090	3,804,979	734,363	348,340	323,002	12,612	12,566
93	St. Charles	342,400	312,312	233,217	20,348,259	3,049,829	2,477,725	945,163	1,463,877	66,832
94	St. Clair	451,840	374,927	248,852	15,594,966	1,683,190	1,150,974	967,790	102,452	78,695
95	St. Francois	283,120	182,970	96,882	6,021,053	831,407	447,809	295,151	115,366	35,971
96	St. Louis	311,680	247,108	193,181	48,173,219	4,117,372	1,700,078	801,394	945,065	21,174
97	St. Louis City	39,040	5,075	4,234	6,027,709	262,049	24,494	20,187	900	1,140
98	Sto. Genevieve	307,840	238,312	105,437	6,380,700	963,644	674,510	305,166	240,800	28,449
99	Saline	482,600	427,016	381,382	43,550,165	4,527,698	3,817,675	2,737,877	996,140	80,836
100	Schuyler	197,760	190,200	102,464	12,413,024	1,030,646	555,757	438,544	33,337	78,159
101	Scotland	280,900	270,838	234,000	18,743,114	1,662,832	1,140,295	891,334	32,630	213,553
102	Scott	268,100	196,336	163,382	12,678,592	2,447,374	1,694,362	1,187,308	787,642	11,008
103	Shannon	634,880	189,548	63,943	3,340,442	593,427	333,683	316,800	0,454	6,402
104	Shelby	325,700	300,112	285,247	23,484,086	2,070,282	1,541,420	1,232,815	81,353	226,077
105	Stoddard	521,000	277,609	197,609	13,426,038	2,393,473	1,517,774	1,203,297	226,206	87,906
106	Stono	326,400	189,160	89,401	4,093,452	617,250	330,625	255,183	45,027	88,964
107	Sullivan	415,360	398,593	351,645	24,681,810	1,721,670	901,242	830,965	7,178	60,324
108	Taney	419,200	233,800	69,699	3,357,533	649,373	342,638	288,577	41,688	10,995
109	Texas	741,760	468,491	214,230	9,806,554	1,452,480	714,822	582,710	100,710	16,551
110	Vernon	536,060	486,494	419,384	26,641,592	2,808,240	2,023,535	1,751,799	130,440	129,161
111	Warren	292,400	230,217	125,534	9,807,620	1,405,448	1,105,717	440,569	601,406	53,697
112	Washington	474,240	217,163	99,000	5,336,233	883,650	492,321	327,460	142,984	21,702
113	Wayne	496,000	160,150	93,607	4,380,024	922,348	481,630	441,721	90,394	6,483
114	Webster	374,400	300,607	170,984	9,400,253	1,224,040	808,814	480,967	66,770	60,184
115	Worth	169,600	163,862	133,120	12,631,892	1,070,070	635,058	520,242	33,358	70,426
116	Wright	433,280	325,133	175,397	7,433,633	1,074,511	483,674	421,492	43,637	17,118

NORTH DAKOTA.

1	The state	44,017,120	28,426,050	20,455,092	\$974,814,205	\$180,035,520	\$140,133,451	\$2,403,303	\$109,129,869	\$24,114,345
2	Adams	638,080	311,550	160,473	7,021,462	930,492	545,454	40,255	300,706	167,007
3	Barnes	960,400	906,816	709,031	39,091,204	6,090,664	5,827,047	60,812	4,370,314	882,828
4	Benson	872,960	675,007	545,650	22,817,978	4,498,706	3,913,540	5,815	2,975,261	548,720
5	Billings	2,178,560	498,350	218,902	13,308,300	2,044,092	1,180,280	17,769	674,807	140,976
6	Bottineau	1,075,840	965,246	852,066	35,383,453	7,398,656	6,544,012	3,465	5,136,047	1,027,294
7	Bowman	744,000	223,391	137,572	5,573,280	547,582	330,824	11,200	153,024	443,350
8	Burke	712,320	564,416	390,255	13,546,798	2,975,887	2,025,057	991	2,109,121	478,914
9	Burlingame	1,050,640	495,709	251,033	13,416,773	1,707,033	1,114,021	82,973	734,194	207,342
10	Cass	1,128,320	1,013,617	661,315	63,803,411	6,831,285	6,015,090	511,406	5,038,825	1,204,745
11	Cavalier	956,160	824,860	716,813	31,427,698	7,000,637	6,400,519	10,022	4,135,980	1,407,017
12	Dickey	730,880	594,630	413,631	25,025,164	3,717,831	2,851,800	89,029	1,044,120	328,914
13	Divide	812,800	257,213	152,880	5,647,007	1,247,607	1,027,159	1,785	810,223	193,537
14	Dunn	1,333,740	423,027	136,577	10,013,016	1,126,708	782,695	20,408	541,118	189,720
15	Eddy	416,640	320,762	245,883	10,660,705	2,094,587	1,687,292	3,203	1,235,534	308,790
16	Emmons	1,000,320	642,618	380,016	18,222,337	2,575,185	1,839,933	123,134	1,330,200	177,422
17	Foster	412,160	334,537	207,715	12,655,021	2,093,102	1,848,601	11,112	1,272,255	330,908
18	Grand Forks	917,120	823,900	728,195	38,251,053	7,075,555	6,647,093	50,390	4,861,763	991,255
19	Grainger	458,880	406,144	321,840	16,482,784	3,294,252	2,856,595	3,467	2,160,509	411,173
20	Hettinger	724,480	357,892	172,761	10,243,061	1,810,529	1,322,415	34,213	932,314	319,203
21	Kidder	887,040	341,153	204,424	8,723,128	1,294,535	600,148	20,805	355,632	160,542
22	Lamoure	734,080	624,345	560,431	20,790,396	5,106,657	4,065,093	55,349	3,068,805	452,760
23	Logan	638,080	403,872	166,475	9,093,823	1,654,686	970,722	6,881	791,329	96,047
24	McHenry	1,208,320	876,933	715,852	27,993,958	5,827,882	5,061,491	12,955	3,986,894	811,887
25	McIntosh	641,920	467,684	220,951	11,775,792	1,913,417	1,271,058	10,985	955,970	57,761
26	McKenzic	1,822,080	277,857	95,205	6,351,418	1,121,101	723,269	16,772	478,083	209,495

# STATISTICS, BY COUNTIES.

765

## FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

### WEST NORTH CENTRAL—Continued.

VALUE: 1909—continued.											Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.							
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			

#### MISSOURI—Continued.

72	\$177,508	\$76,514	\$30,756	\$89,054	\$510	\$279,367	\$61,667	\$207,322	\$212	\$10,166	\$954,846	\$109,882
73	110,013	384,995	15,223	459,732	25	117,779	40,866	73,593	3,040	274	429,619	95,260
74	272,240	171,845	262,057	105,756	1,130	383,518	142,214	238,093	1,425	1,786	888,281	146,219
75	911,896	174,844	317,898	82,514	241	876,859	336,454	522,690	4,444	13,271	3,483,354	218,809
76	155,600	80,825	142,219	143,847	1,765	186,580	61,454	119,708	1,693	3,725	493,375	95,935
77	235,340	104,500	32,058	151,407	1,030	328,121	50,398	209,737	921	7,065	459,893	146,606
78	113,553	54,858	18,909	143,781	1,034	112,095	38,126	69,204	862	3,903	387,351	89,017
79	92,604	33,871	24,304	1,062,728	.....	153,907	67,601	83,135	3,089	142	202,896	104,838
80	216,440	89,725	56,682	130,153	1,559	270,212	49,094	206,779	1,528	12,211	562,656	143,968
81	400,703	160,682	68,006	104,316	642	588,971	179,056	389,979	3,110	16,826	2,548,579	178,233
82	187,070	91,940	45,129	151,127	1,022	232,478	77,902	146,611	1,359	6,606	514,346	80,821
83	294,651	122,711	52,124	329,485	3,604	506,954	108,092	377,459	2,798	18,605	1,704,479	186,662
84	203,851	122,306	84,058	325,278	236,420	305,040	78,819	271,483	1,197	13,541	1,401,329	162,449
85	375,080	85,834	43,000	128,340	453	582,095	110,205	462,892	2,026	18,072	1,742,845	164,678
86	141,905	97,853	26,605	84,681	339	176,026	47,436	117,530	1,175	10,476	380,380	70,664
87	450,388	85,577	112,332	64,706	328	529,826	111,340	388,033	4,181	26,272	1,441,083	168,644
88	223,625	105,007	52,003	86,110	190	366,708	52,134	255,064	3,128	25,842	1,288,757	116,110
89	310,673	118,973	80,887	70,704	879	489,197	143,160	307,806	3,568	34,663	1,603,818	157,506
90	294,604	263,822	59,976	55,597	1,601	493,700	107,786	373,211	1,895	10,808	1,904,242	269,288
91	165,607	65,784	25,486	111,405	526	90,120	34,483	52,291	1,527	1,828	254,666	61,154
92	113,905	58,901	56,878	156,330	1,034	123,900	43,230	76,367	2,271	2,082	338,827	96,991
93	293,046	127,663	25,434	125,961	602	541,730	126,088	407,207	1,427	7,038	1,615,330	211,564
94	275,360	104,377	45,972	100,507	404	452,049	104,466	337,070	1,223	9,890	1,086,671	125,365
95	201,971	89,247	35,918	56,402	265	172,142	70,231	98,304	1,050	2,557	281,350	66,976
96	444,749	1,126,794	417,677	359,074	115	787,210	368,473	414,355	2,830	1,561	299,496	211,203
97	7,680	227,030	3,731	8	.....	630,554	625,308	13,934	312	.....	17,991	655
98	103,999	78,491	27,285	119,159	1,230	171,829	33,317	132,942	628	5,042	283,480	112,502
99	403,850	137,085	80,827	70,361	1,587	499,009	133,057	356,040	2,797	7,115	2,974,414	237,976
100	293,975	48,827	51,191	80,806	31,059	351,687	55,834	231,894	2,128	61,881	2,562,443	73,465
101	325,004	66,110	62,009	69,264	13,093	374,552	56,388	288,951	3,536	25,077	1,318,059	93,025
102	109,832	152,128	24,537	106,485	1,316	161,681	57,809	102,020	960	892	512,907	120,159
103	107,152	68,807	57,040	99,911	901	99,530	36,800	59,327	1,383	2,020	510,360	67,847
104	340,796	81,782	47,121	65,154	953	412,291	54,090	329,225	2,562	26,414	1,935,897	118,726
105	250,493	120,390	70,027	425,810	1,644	321,575	104,398	211,299	3,738	2,140	976,686	181,323
106	115,521	58,207	30,507	73,336	363	147,502	39,943	99,841	1,385	6,333	451,778	68,024
107	550,132	69,113	111,005	90,178	203	564,293	123,116	398,991	4,543	37,642	2,260,499	147,277
108	98,576	43,258	23,193	141,708	427	105,298	33,041	68,809	405	3,013	228,013	57,475
109	320,616	146,834	120,897	137,020	2,205	320,851	113,721	189,267	1,576	16,287	660,786	144,416
110	597,362	149,252	40,047	117,444	213	664,183	101,539	465,535	2,942	4,167	1,712,995	167,293
111	114,102	58,625	19,097	107,847	583	282,933	39,983	238,765	706	3,479	314,544	112,134
112	165,381	68,617	38,408	110,523	1,640	170,686	49,630	114,776	1,297	4,983	379,211	89,013
113	109,053	81,330	62,384	137,042	743	153,981	52,271	97,027	2,473	2,210	451,191	84,636
114	280,104	124,807	90,428	110,767	454	360,994	135,552	212,459	2,169	10,814	938,624	121,916
115	207,935	42,981	80,804	46,202	620	201,926	95,171	177,370	913	18,472	869,149	54,931
116	251,660	88,445	137,624	113,108	505	254,827	81,303	154,235	1,996	17,293	971,503	115,397

#### NORTH DAKOTA.

1	\$12,368,014	\$3,148,304	\$40,343	\$15,036,408	\$530	\$9,104,294	\$4,872,304	\$3,949,915	\$1,869	\$280,206	\$11,409,158	\$3,047,590
2	131,226	48,558	102	214,092	.....	83,626	38,651	36,198	.....	8,777	92,331	17,927
3	446,252	73,532	1,453	558,780	2	281,411	155,321	124,813	.....	1,277	335,267	98,833
4	256,545	51,327	1,125	245,160	.....	189,431	92,897	65,477	.....	1,057	165,160	60,580
5	108,975	39,855	.....	700,840	.....	105,480	23,275	80,847	.....	51,353	471,224	111,357
6	363,911	85,891	1,850	402,983	.....	326,707	148,629	177,613	8	457	314,580	97,950
7	61,587	24,308	.....	130,773	.....	37,155	14,489	22,047	.....	619	67,716	4,135
8	214,480	54,184	813	81,353	.....	155,054	83,771	71,240	.....	43	129,722	59,425
9	218,946	67,477	460	370,639	.....	160,343	96,798	59,040	40	4,465	248,211	44,564
10	469,075	148,805	3,331	393,724	.....	439,205	257,175	173,812	525	7,753	470,785	139,371
11	375,082	96,088	1,609	67,139	.....	256,593	143,975	110,921	1	1,696	218,756	133,893
12	244,334	43,180	408	577,944	.....	121,285	69,481	50,632	8	1,164	264,248	51,121
13	89,697	22,570	.....	114,311	.....	37,401	25,998	.....	.....	5	68,306	10,470
14	120,123	35,770	397	181,723	.....	100,955	26,370	38,612	.....	35,973	373,871	49,215
15	156,097	20,900	520	191,802	.....	72,059	37,800	34,051	.....	1,048	10,242	30,712
16	280,307	68,712	57	377,176	.....	200,671	131,594	64,153	.....	4,919	427,378	63,397
17	110,552	32,211	385	65,353	.....	84,619	37,442	44,154	.....	3,023	122,034	29,069
18	444,019	185,485	5,476	303,492	.....	334,816	205,297	11,998	59	3,318	319,113	102,157
19	140,357	33,171	393	257,786	.....	112,014	83,740	40,938	.....	2,336	155,313	37,613
20	205,612	40,407	20	337,069	252	87,564	28,836	35,831	.....	19,897	148,551	55,631
21	204,090	37,507	44	383,746	.....	147,579	99,629	40,305	.....	7,645	214,910	27,082
22	309,612	51,173	515	680,264	.....	161,974	92,702	68,868	8	396	357,393	59,207
23	100,495	28,245	145	489,079	.....	162,749	102,831	48,128	.....	1,722	84,237	81,494
24	872,011	96,210	841	307,339	.....	237,033	108,370	127,768	.....	957	378,539	83,796
25	178,860	32,652	87	439,769	.....	166,102	117,607	43,438	.....	5,037	119,663	33,796
26	144,733	38,093	.....	214,496	.....	79,310	29,638	35,013	.....	14,659	336,833	26,751

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST NORTH CENTRAL--Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
					Total.	Corn.	Wheat.	Oats.	
<b>NORTH DAKOTA--Continued.</b>									
27 McLean.....	1,475,200	837,250	580,606	\$20,523,134	\$3,923,682	\$2,683,255	\$33,232	\$2,037,956	\$506,788
28 Mercer.....	710,400	286,775	172,094	7,398,696	1,132,071	826,401	21,321	639,099	145,696
29 Morton.....	3,034,880	1,320,460	569,963	30,971,490	4,990,799	3,603,681	146,631	2,583,593	757,654
30 Mountrail.....	1,224,960	507,008	228,986	9,853,659	2,150,000	1,071,949	4,233	1,304,313	330,138
31 Nelson.....	627,840	574,124	477,404	21,841,555	5,004,238	4,347,107	11,797	3,298,806	571,883
32 Oliver.....	460,800	282,791	91,378	6,365,617	1,040,559	828,035	21,232	592,556	186,057
33 Pembina.....	714,880	600,803	521,060	24,424,087	4,079,374	3,448,136	9,074	2,184,907	650,807
34 Pierce.....	675,200	554,810	445,634	18,952,621	4,135,104	3,720,238	3,781	2,910,086	625,673
35 Ramsey.....	771,200	667,415	575,705	25,079,499	5,638,815	5,259,805	68,234	4,034,589	558,331
36 Ransom.....	550,400	466,253	389,855	20,215,880	3,528,666	2,888,368	94,804	2,149,748	440,640
37 Renville.....	575,360	498,281	428,733	14,220,870	2,970,827	2,461,612	2,450	2,000,693	396,106
38 Richland.....	919,680	753,973	662,824	35,127,179	6,233,940	5,400,614	363,769	3,539,251	885,524
39 Rolette.....	587,520	441,477	313,573	13,726,834	2,980,970	2,558,877	2,304	1,825,633	499,525
40 Sargent.....	547,200	484,099	381,138	21,473,120	3,397,548	2,587,406	117,557	1,826,292	328,224
41 Sheridan.....	637,440	418,418	306,769	13,104,617	2,356,565	1,848,022	1,928	1,421,182	337,612
42 Stark.....	807,840	540,511	240,529	14,699,846	2,166,552	1,771,610	40,281	1,366,490	308,904
43 Steele.....	458,880	432,914	379,200	20,758,421	4,163,580	3,607,981	31,931	2,698,085	526,359
44 Stutsman.....	1,469,480	894,474	601,424	30,016,938	5,318,022	4,002,197	28,793	2,798,372	786,437
45 Towner.....	603,680	555,207	470,403	20,631,073	4,984,058	4,507,275	30,699	3,298,948	657,082
46 Traill.....	553,600	528,729	509,800	28,886,708	4,629,971	4,074,024	73,052	3,069,098	545,692
47 Walsh.....	820,480	758,974	653,547	32,111,813	6,463,894	5,040,248	29,518	4,120,579	802,522
48 Ward.....	1,314,560	916,281	652,328	26,308,329	6,239,631	4,219,855	5,890	3,343,316	737,758
49 Wells.....	827,520	681,351	579,235	26,303,403	4,239,421	3,699,340	11,017	2,727,968	528,848
50 Williams.....	1,368,320	786,983	395,292	16,690,496	3,285,245	2,692,434	10,909	2,130,353	486,664

**SOUTH DAKOTA.**

1 The state.....	49,195,520	26,016,892	15,827,208	\$1,166,096,980	\$125,507,249	\$98,953,050	\$26,395,985	\$42,878,223	\$16,044,785
2 Armstrong.....	908,160	174,657	1,069	2,778,914	46,030	2,086	2,301	0	866
3 Aurora.....	460,160	357,308	209,957	18,177,204	1,047,948	1,328,909	561,305	525,881	157,019
4 Beadle.....	800,000	677,719	545,361	35,599,871	2,832,900	2,072,504	523,306	847,328	263,452
5 Bennett.....	826,240	109,850	2,093	1,979,050	56,448	10,325	3,384	805	4,463
6 Bon Homme.....	369,720	348,893	265,867	24,340,859	2,047,115	1,049,484	979,204	270,122	386,446
7 Brookings.....	506,240	473,816	420,005	27,776,595	3,114,468	2,410,899	459,722	778,508	564,321
8 Brown.....	1,120,000	973,595	662,824	57,318,525	8,537,334	7,107,742	543,644	4,028,613	724,867
9 Brule.....	535,680	407,920	216,241	18,430,377	1,124,136	818,230	450,999	251,083	73,341
10 Buffalo.....	306,500	113,349	18,183	3,365,541	70,244	30,579	20,633	4,799	4,799
11 Butte.....	1,404,960	238,527	48,775	6,006,511	471,071	224,412	48,840	79,277	89,912
12 Campbell.....	405,360	391,268	301,748	12,158,710	1,415,736	1,084,522	128,058	763,943	65,400
13 Charles Mix.....	725,760	548,926	448,890	33,593,493	3,711,627	3,121,133	1,500,362	1,030,819	344,833
14 Clark.....	623,360	552,475	483,737	28,880,226	4,780,931	3,002,010	301,701	2,305,330	345,158
15 Clay.....	257,920	244,172	219,245	21,481,721	2,075,477	1,735,610	1,171,072	152,096	399,792
16 Codington.....	448,640	409,987	360,248	21,587,610	3,282,060	2,770,525	84,500	1,048,928	338,699
17 Corson.....	1,616,640	598,698	127,878	5,771,241	107,039	10,090	2,687	2,653	6,068
18 Custer.....	1,069,720	282,345	56,938	5,640,078	550,597	159,934	49,170	14,470	76,894
19 Davison.....	276,480	257,762	211,597	17,797,921	1,611,850	1,337,684	569,427	471,804	259,988
20 Day.....	679,040	628,605	510,564	28,474,718	4,053,485	4,110,556	132,677	2,880,471	472,711
21 Deuel.....	404,480	330,819	280,050	16,483,087	1,872,875	1,302,728	118,626	589,711	313,045
22 Dewey.....	1,220,480	130,476	11,643	1,814,955	23	.....	.....	.....	.....
23 Douglas.....	278,400	259,777	266,888	15,251,088	1,298,494	1,104,410	437,634	448,401	143,034
24 Edmunds.....	741,120	434,074	287,893	16,663,864	2,090,754	1,433,779	83,052	936,894	125,279
25 Fall River.....	1,123,840	397,277	58,117	7,531,100	344,379	122,520	48,812	84,584	19,076
26 Faulk.....	651,520	436,042	361,137	20,548,853	2,545,062	1,727,063	293,350	1,078,968	104,258
27 Grant.....	442,240	382,881	295,048	20,783,318	3,070,250	2,627,279	225,261	1,642,592	423,135
28 Gregory.....	660,480	471,142	325,701	20,754,535	1,705,716	1,347,015	705,435	208,313	381,317
29 Hamlin.....	332,800	294,416	269,152	16,718,269	2,431,464	2,082,336	194,966	1,006,729	299,090
30 Hand.....	912,640	672,898	556,337	29,708,257	2,530,272	1,793,869	415,947	928,631	191,609
31 Hanson.....	276,480	255,944	213,317	18,389,024	1,079,026	1,737,110	629,481	742,848	276,767
32 Harding.....	1,716,480	235,183	47,244	4,916,146	256,424	100,833	21,366	10,819	50,144
33 Hughes.....	485,700	195,069	62,531	5,170,564	225,315	78,054	24,430	20,514	20,276
34 Hutchinson.....	522,880	501,556	388,511	30,793,799	3,079,953	2,634,863	1,067,446	1,026,560	482,190
35 Hyde.....	554,240	212,298	78,535	8,200,205	599,323	338,343	74,509	158,402	62,714
36 Jerauld.....	339,840	283,685	172,640	13,785,626	1,296,318	1,000,294	387,345	388,416	120,056
37 Kingsbury.....	520,960	480,082	409,031	30,299,116	3,831,628	3,227,791	519,030	1,294,592	553,797
38 Laska.....	359,680	339,696	310,392	24,454,135	2,424,396	2,030,884	632,869	492,400	401,991
39 Lawrence.....	510,080	124,626	41,014	4,197,478	515,805	192,342	21,646	84,236	80,858
40 Lincoln.....	397,360	360,199	326,233	20,363,385	3,019,435	2,518,178	1,547,191	93,986	815,600
41 Lyman.....	1,680,000	907,345	273,280	21,654,108	1,044,087	684,218	230,088	151,324	135,146
42 McCook.....	366,720	341,293	304,244	24,117,122	2,733,590	2,444,346	980,672	674,747	494,603
43 McPherson.....	740,480	437,513	250,684	13,685,640	1,840,361	1,303,410	49,929	889,723	102,673
44 Marshall.....	508,960	469,601	348,272	19,942,918	3,363,283	2,742,084	123,465	1,981,232	302,465
45 Moody.....	2,234,240	913,943	180,821	17,523,319	1,207,224	692,693	184,995	247,364	148,018
46 Mott.....	785,920	84,289	2,012	2,263,084	65,794	5,700	3,996	.....	1,560



STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

WEST NORTH CENTRAL—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
27	\$270,730	\$80,907	\$378	\$878,806		\$187,320	\$93,299	\$93,658		\$372	\$245,672	\$70,900
28	131,597	25,942		149,031		83,313	49,183	32,535	\$2	1,593	102,751	30,586
29	530,007	175,002	506	671,493	\$156	422,477	231,727	158,530		32,220	675,503	154,403
30	175,071	37,271	140	274,659		137,369	72,481	64,294		594	116,191	39,237
31	214,210	60,724	697	381,494		182,881	104,425	77,181		1,275	228,940	59,542
32	122,233	20,258	480	71,653		81,252	53,678	26,426	81	1,067	144,800	44,838
33	337,870	90,050	2,450	200,847	10	295,341	121,783	102,453	820	10,285	220,761	95,934
34	217,374	30,900	717	150,815		140,716	70,929	69,664		123	113,977	65,371
35	203,623	78,190	1,652	305,440		241,812	125,638	113,139		2,535	178,774	81,219
36	200,901	42,539	773	306,085		197,752	126,930	70,011		811	228,057	59,315
37	220,945	52,088	700	243,522		150,768	61,465	89,178		125	82,131	34,876
38	303,845	104,552	3,496	331,433		377,388	206,294	167,755	202	3,137	427,539	125,810
39	181,253	50,005	421	90,414	00	130,418	69,147	60,883	20	368	115,328	53,762
40	316,468	43,381	1,469	448,824		214,407	125,976	86,481	50	1,900	347,462	54,578
41	177,420	50,264	176	280,674		126,835	56,795	69,848	10	182	139,745	46,901
42	184,453	67,439	405	142,570		182,017	79,973	76,695		25,349	296,401	72,180
43	198,593	37,747	1,887	317,372		125,203	37,877	51,808		518	148,975	50,045
44	356,875	100,833	803	851,254		275,497	145,348	123,647		6,502	249,973	66,207
45	173,022	55,470	688	246,707		138,118	66,638	69,638		1,648	136,441	64,224
46	320,732	62,372	4,001	169,182		223,700	130,679	89,283	4	3,800	179,703	70,077
47	407,746	124,213	4,743	286,044		293,120	153,449	138,500	31	1,149	230,938	115,598
48	405,747	109,649	632	553,448		340,427	179,342	159,803		1,282	235,581	94,566
49	286,435	60,500	792	280,345	50	101,911	93,319	96,844		1,748	234,063	73,756
50	312,709	88,274	153	101,585		232,572	103,280	127,331		1,952	197,825	67,608

NORTH DAKOTA—Continued.

SOUTH DAKOTA.

1	\$15,243,664	\$3,001,574	\$262,902	\$8,046,059	\$120	\$12,737,460	\$6,192,608	\$5,871,770	\$20,443	\$652,639	\$35,722,056	\$2,637,054
2	32,181	2,071		0,721		487	342	145			20,916	6,798
3	216,179	25,377	1,402	76,081		198,612	102,093	95,062	5	1,452	714,710	35,357
4	410,110	70,798	1,028	278,301		347,667	171,013	170,622	12	6,020	1,039,149	61,768
5	43,846	2,277				192	60	132			66,629	6,280
6	325,177	43,285	18,022	10,247		371,419	148,397	218,303	777	3,942	1,250,280	68,129
7	327,904	77,492	2,731	289,352		445,176	235,226	163,094	101	46,755	602,634	58,123
8	603,133	150,984	1,420	674,055		430,641	241,179	183,807	10	5,845	1,035,377	95,853
9	231,726	28,430	2,945	42,805		168,740	62,625	93,038		3,082	860,910	34,969
10	54,839	5,675	158	20,224		20,209	7,681	12,453		135	152,613	7,596
11	212,674	25,463	4,334	4,888		117,426	32,942	21,568	1,438	61,493	387,295	9,209
12	184,544	30,552	404	115,624		159,785	102,111	55,497		2,177	232,200	40,809
13	361,259	57,761	5,703	105,711		306,728	114,596	190,315	144	1,673	1,135,462	64,753
14	277,080	94,457	1,301	535,387		286,053	147,309	130,313	50	8,381	476,698	56,167
15	241,747	41,081	34,347	22,072		228,896	86,001	139,098	1,769	2,028	1,119,675	42,939
16	201,650	70,010	1,220	170,258		250,459	136,276	107,615		6,568	213,705	51,412
17	87,230	3,001		5,800		1,317	261	986		70	505,336	11,997
18	277,312	61,115	3,702	48,444		80,000	31,884	43,499	296	4,330	444,325	25,129
19	181,478	47,680	2,620	42,170		203,480	96,242	105,807		1,431	584,884	29,286
20	428,405	72,230	2,028	334,200		352,237	213,745	135,181		405	385,787	77,796
21	224,062	42,644	2,075	301,360		282,807	170,218	101,725	147	10,717	319,381	46,008
22		23									23,871	917
23	141,272	25,241	1,220	20,243		190,128	91,783	97,640	22	683	622,958	39,341
24	253,060	20,065	181	344,693		161,698	97,321	62,369		2,068	316,313	30,755
25	170,294	33,890	5,001	12,584		101,083	32,471	44,726	167	23,719	425,064	16,429
26	220,221	30,900	343	557,406		138,159	66,054	70,087		2,018	426,565	31,576
27	210,110	50,812	2,080	170,051		306,940	178,343	126,499	359	1,748	267,881	50,893
28	200,777	62,118	4,427	30,470	12	207,969	96,898	111,035	8	118	836,953	52,608
29	174,460	37,064	1,035	135,969		186,008	101,398	80,940		4,261	245,720	32,395
30	300,454	40,810	601	385,548		199,520	93,840	100,665		5,015	822,593	47,295
31	166,828	30,328	4,488	34,266		210,065	99,969	105,972	173	3,951	565,444	38,299
32	119,561	21,582	94	14,354		184,336	11,136	22,345		15,711	420,749	56,246
33	103,592	15,336	68	27,065		54,296	20,162	22,345	2	2,787	313,087	12,039
34	354,103	52,135	11,000	27,243		380,911	153,807	200,484	886	16,734	84,846	84,846
35	114,978	18,261	170	127,571		59,372	25,563	27,081		5,823	292,377	13,809
36	171,031	23,554	1,665	90,274		123,487	56,758	63,590	1	3,133	497,598	26,826
37	250,424	60,477	3,412	283,524		299,213	153,207	141,785	772	3,440	559,562	54,745
38	220,069	63,602	4,300	105,451	8	275,290	135,403	131,026	306	8,555	544,343	50,578
39	208,105	88,092	18,674	8,592		98,590	62,799	34,013	1,598	480	125,680	27,978
40	414,122	40,961	16,342	23,832		398,085	193,507	188,089	2,028	4,461	1,477,323	74,183
41	367,904	57,187	150	35,210	8	233,387	122,798	92,617		17,952	903,841	60,363
42	103,100	57,525	3,357	35,202		277,630	122,314	148,673	54	6,589	645,756	54,904
43	242,863	20,347	217	278,515	40	189,495	132,621	51,218		6,256	262,436	49,538
44	289,912	30,117	483	201,087		186,093	103,565	76,185	28	6,845	452,991	45,710
45	482,363	87,332	7,449	37,387		153,736	60,174	73,498	615	24,449	778,310	62,116
46	58,160	1,701	57			2,418	940	1,419		59	79,725	7,020

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
					Total.	Corn.	Wheat.	Oats.		
<b>SOUTH DAKOTA—Continued.</b>										
47	Miner.....	363,520	330,000	286,440	\$21,059,000	\$2,102,066	\$1,784,560	\$539,462	\$627,736	\$235,099
48	Minnehaha.....	521,000	495,010	454,907	40,223,733	4,051,904	3,310,077	1,600,510	89,010	1,054,507
49	Moody.....	337,280	308,478	286,277	20,911,300	2,312,303	1,949,300	711,754	136,845	542,065
50	Pennington.....	1,786,880	1,731,501	1,428,725	14,287,025	880,396	325,406	83,075	71,107	138,000
51	Perkins.....	1,861,900	1,709,798	1,083,685	12,051,113	649,677	325,561	123,098	66,731	102,876
52	Potter.....	574,720	564,011	511,004	13,003,081	1,285,389	949,068	167,014	554,349	108,874
53	Roberts.....	711,040	679,700	473,304	25,584,602	4,612,604	3,905,517	240,084	2,566,870	629,930
54	Sunborn.....	308,040	325,809	192,875	17,749,739	1,702,516	1,401,428	629,746	400,128	207,912
55	Schnasse.....	60,000	510	510	688,104	.....	.....	.....	.....	.....
56	Shannon.....	616,960	243,921	21,809	2,129,637	66,007	8,686	5,643	284	2,615
57	Spink.....	967,040	854,400	740,443	53,007,300	8,044,802	6,886,494	871,838	4,571,794	440,022
58	Stanley.....	2,659,840	1,174,435	372,081	22,162,749	1,066,708	473,047	216,750	78,490	142,808
59	Starling.....	159,360	55,540	128	854,400	13,511	622	.....	.....	.....
60	Sully.....	677,120	323,310	100,234	10,455,825	673,005	387,306	121,936	174,212	54,848
61	Todd.....	818,560	11,351	2,875	485,454	26,930	11,241	5,512	430	4,851
62	Tripp.....	1,042,560	423,634	49,203	9,677,157	272,664	103,188	81,265	7,827	12,044
63	Turner.....	394,880	374,235	327,650	29,878,806	3,012,021	2,554,352	1,547,801	183,064	767,284
64	Union.....	289,280	207,107	242,209	25,272,494	2,393,433	2,393,600	1,546,210	188,340	316,209
65	Walworth.....	474,880	331,000	193,464	12,320,216	1,022,307	1,235,521	131,363	853,971	90,571
66	Washburn.....	733,440	70,100	1,123	980,237	13,215	3,816	3,400	.....	446
67	Washington.....	740,480	185,082	17,132	2,746,910	61,265	9,924	5,753	205	3,756
68	Yankton.....	334,720	307,928	237,420	23,376,507	2,392,240	1,997,075	1,250,832	272,878	455,907

NEBRASKA.

1	The state.....	49,157,120	38,622,021	24,382,577	\$2,079,818,647	\$106,125,632	\$153,066,052	\$38,234,946	\$44,225,930	\$19,443,570
2	Adams.....	361,600	346,188	307,154	34,635,039	3,565,148	3,051,017	604,465	2,171,112	208,334
3	Antelope.....	558,080	494,293	357,658	20,781,202	3,511,095	2,739,190	2,150,575	136,833	428,170
4	Banner.....	474,880	317,782	108,280	4,480,169	340,415	263,731	68,985	80,440	8,270
5	Benoue.....	455,040	314,426	163,560	2,534,075	240,543	104,059	83,791	2,221	8,270
6	Boone.....	442,880	414,240	334,107	33,118,276	3,514,878	2,097,096	2,007,692	403,920	401,621
7	Box Butte.....	988,640	547,177	83,078	8,929,759	452,505	208,273	49,365	65,928	63,438
8	Boyd.....	342,400	291,444	177,140	15,150,959	1,470,383	1,175,316	813,502	104,611	247,685
9	Brown.....	799,400	518,317	288,817	9,011,732	824,378	557,883	330,560	44,575	137,341
10	Buffalo.....	604,800	576,944	441,338	38,106,635	3,725,724	2,741,212	1,496,987	1,001,238	287,970
11	Burt.....	304,000	283,000	256,749	26,643,291	2,946,303	2,477,017	1,862,637	181,673	405,932
12	Butler.....	373,120	360,520	325,148	40,530,898	4,215,180	3,772,900	1,919,161	1,395,535	454,398
13	Cass.....	344,320	339,832	308,007	38,806,438	3,256,611	2,673,421	1,606,149	701,269	275,604
14	Cedar.....	470,400	443,268	349,508	38,138,897	3,842,637	3,231,531	2,421,655	61,006	718,963
15	Chase.....	576,360	423,464	161,011	8,110,516	684,679	528,544	347,258	103,842	17,033
16	Cherry.....	3,820,800	2,041,388	739,421	23,260,818	1,566,925	443,737	274,397	35,035	103,607
17	Cheyenne.....	764,160	342,837	66,104	7,532,427	573,683	461,239	126,007	164,055	70,830
18	Clay.....	370,560	352,247	315,502	37,381,271	3,720,949	3,269,856	917,520	2,028,855	256,898
19	Colfax.....	259,200	245,398	215,725	20,825,537	2,454,941	2,070,139	1,310,408	329,935	329,935
20	Cuming.....	309,280	355,681	339,293	42,056,953	3,659,702	2,993,338	2,256,230	167,812	519,590
21	Custer.....	1,656,320	1,566,641	1,002,708	52,365,061	4,954,072	3,688,232	2,579,822	101,818	394,823
22	Dakota.....	161,920	148,646	129,236	13,326,444	1,542,073	1,274,510	1,010,780	109,827	141,348
23	Dawes.....	897,280	701,159	411,854	12,407,865	735,113	302,778	64,388	133,443	78,245
24	Dawson.....	630,400	574,370	411,402	33,903,331	2,800,059	2,030,410	1,138,699	980,024	200,023
25	Deuel.....	280,000	150,687	40,236	4,795,257	327,338	238,080	84,617	93,985	30,155
26	Dixon.....	302,080	280,515	249,784	24,855,173	2,666,463	2,250,217	1,704,475	54,100	474,848
27	Dodge.....	339,840	310,693	283,282	35,680,371	3,163,039	2,561,333	1,564,730	522,925	468,148
28	Douglas.....	211,840	176,800	164,011	25,729,487	2,325,911	1,478,797	1,156,340	94,972	218,707
29	Dundy.....	593,280	479,392	201,446	8,050,992	617,934	452,323	332,834	53,090	7,576
30	Fillmore.....	308,640	354,826	332,970	36,738,350	3,640,348	2,970,781	1,063,466	1,550,787	331,229
31	Franklin.....	369,920	336,958	277,412	19,150,453	1,798,583	1,472,056	743,597	685,399	141,145
32	Frontier.....	624,000	597,492	308,334	17,210,937	1,300,580	983,733	477,080	349,952	133,738
33	Furnas.....	461,440	439,459	305,408	21,114,291	1,747,043	1,242,104	367,997	778,759	80,653
34	Gage.....	551,680	530,274	485,671	52,733,408	4,800,937	4,005,751	1,810,457	1,554,083	630,083
35	Garden.....	1,057,280	606,023	292,648	10,727,321	659,270	306,692	198,474	45,164	24,688
36	Garfield.....	368,000	207,983	174,618	5,187,156	543,607	363,181	287,103	40,106	27,025
37	Gosper.....	206,000	283,500	178,230	12,848,010	1,100,002	902,570	443,468	302,342	93,482
38	Grant.....	464,640	429,683	44,087	3,737,598	3,511	182,100	3,138	53	227
39	Greene.....	365,440	320,437	220,876	16,141,995	1,823,041	1,411,315	1,100,180	172,951	134,435
40	Hall.....	337,920	319,611	279,098	28,768,424	2,337,073	2,002,073	900,349	1,220,701	204,895
41	Hamilton.....	344,320	338,011	319,205	40,940,191	4,224,594	3,628,233	1,625,336	1,762,430	236,095
42	Harlan.....	367,360	344,573	238,034	19,058,034	1,684,007	1,329,070	527,277	688,982	106,652
43	Hayes.....	462,080	439,288	136,502	6,927,055	600,156	525,648	349,351	94,837	31,065
44	Hitchcock.....	463,360	375,475	174,075	9,396,783	876,344	610,609	134,140	345,913	9,809
45	Holt.....	1,531,520	1,146,000	718,102	33,787,485	2,563,701	1,435,461	1,070,938	69,220	235,127
46	Hooker.....	462,080	169,311	14,538	1,390,362	65,081	38,860	81,813	1,121	1,624

# STATISTICS, BY COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## WEST NORTH CENTRAL—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
47	\$170,706	\$47,038	\$1,708	\$98,954	.....	\$225,464	\$109,503	\$110,810				
48	500,511	117,393	11,109	103,824	.....	570,523	344,367	208,998	.....	\$725	\$4,851	\$482,203
49	233,600	53,330	5,223	70,784	.....	296,126	150,462	127,427	.....	474	21,433	994,985
50	435,875	89,070	2,007	27,738	.....	137,357	64,995	66,054	.....	966	11,763	583,723
51	194,866	63,775	148	65,327	.....	130,505	41,462	46,123	.....	24	5,342	1,299,682
					\$10							502,730
52	159,870	24,857	554	151,031	.....	67,194	32,225	28,770	.....		6,199	440,638
53	353,598	67,899	2,521	313,109	.....	371,478	225,250	142,218	.....	13	3,997	506,896
54	190,084	42,041	2,604	63,269	.....	216,318	92,893	120,045	.....	73	3,307	655,306
55					.....				.....			3,832
56	51,325	5,892		104	.....	1,685	814	871	.....			73,522
57	481,938	120,119	1,583	554,758	.....	349,133	140,369	190,908	.....	11	17,845	966,088
58	411,314	151,805	310	30,172	.....	240,064	107,710	108,036	.....	10	27,308	732,781
59	8,834	605		3,450	.....				.....			4,709
60	100,707	23,081	407	100,874	.....	59,688	10,492	31,684	.....		11,512	421,474
61	18,945	1,210		540	.....	2,680	1,707	892	.....		90	19,077
62	152,314	7,787		8,775	.....	17,582	7,517	10,065	.....			70,970
63	361,891	68,097	10,871	10,210	.....	400,393	178,167	222,811	.....	2,029	3,386	1,246,644
64	320,705	67,298	24,489	23,251	.....	338,307	156,118	173,940	.....	1,273	2,476	998,678
65	223,415	30,951	281	123,130	.....	127,681	71,501	52,241	.....		3,939	244,206
66	8,135	1,234			.....				.....			23,999
67	45,404	5,927	10		.....	1,237	80	157	.....		1,000	81,159
68	260,581	53,852	18,071	62,661	.....	309,768	123,334	182,104	.....	2,672	1,658	1,066,234

## SOUTH DAKOTA—Continued.

NEBRASKA.												
1	\$31,720,681	\$5,931,738	\$2,237,509	\$2,560,042	\$356	\$23,609,315	\$10,586,275	\$12,687,352	\$73,398	\$282,280	\$100,784,287	\$5,293,468
2	376,800	87,973	22,005	27,363	.....	425,341	182,395	238,908	1,309	2,729	1,650,982	94,076
3	487,893	70,579	40,085	13,948	.....	338,311	174,497	162,032	773	1,009	2,239,154	59,807
4	100,911	15,071	124	20,478	.....	30,470	12,549	28,165	16	740	258,542	17,453
5	114,898	17,874	568	2,549	.....	36,508	20,820	13,832		1,856	127,624	8,719
6	495,710	60,735	19,882	20,505	.....	303,050	148,635	151,835	1,369	1,311	1,629,277	79,498
7	154,703	88,335	445	740	.....	115,201	50,067	54,840	.....	9,094	395,637	22,021
8	235,902	44,140	7,107	7,828	.....	196,042	104,308	91,744	77	813	675,253	47,974
9	169,797	80,460	1,551	9,187	.....	96,988	53,146	43,240		602	390,973	22,708
10	789,364	87,201	19,851	38,006	.....	471,311	216,230	232,858	4,149	18,065	2,637,424	162,437
11	331,500	63,378	61,337	9,571	.....	285,568	109,864	172,439	961	2,304	1,568,123	55,597
12	304,554	80,454	48,465	8,807	.....	377,300	126,703	243,955	1,741	4,901	972,488	66,992
13	305,310	87,727	91,651	35,499	.....	376,157	157,131	217,839	333	854	1,359,367	108,496
14	483,277	77,415	20,228	24,180	.....	347,948	153,620	192,431	1,621	276	2,299,263	105,787
15	127,120	22,732	578	5,696	.....	57,073	33,347	54,433		193	511,662	32,648
16	977,505	117,543	677	17,463	.....	212,043	110,339	87,422	2	15,180	2,223,188	71,463
17	134,562	32,013	148	5,721	.....	92,604	40,318	51,522	.....	764	232,489	23,023
18	405,572	72,218	27,193	6,110	.....	309,651	126,165	238,616	924	946	1,332,309	77,550
19	287,700	60,760	28,559	7,687	.....	277,590	112,451	163,230	440	1,469	1,445,557	65,189
20	510,192	80,454	40,777	19,945	.....	378,909	171,686	201,231	1,876	3,816	2,274,558	106,847
21	1,032,179	150,165	14,614	68,892	.....	592,221	294,422	288,787	4,724	4,288	3,926,773	143,945
22	131,004	80,045	20,243	17,671	.....	170,105	77,973	91,846	285	1	574,043	40,035
23	334,561	58,888	816	38,040	.....	139,471	58,060	57,779	889	16,743	623,824	68,734
24	660,082	63,153	14,422	31,992	.....	351,225	142,754	199,294	3,407	5,770	2,392,890	84,650
25	61,282	23,700	186	4,090	.....	86,028	18,646	15,952	30	1,400	267,535	6,671
26	309,964	51,894	32,633	15,745	.....	270,814	128,954	140,997	783	80	1,404,632	63,761
27	350,000	75,908	54,722	120,986	.....	371,717	166,429	200,852	783	3,653	1,379,740	72,828
28	310,368	215,995	123,638	197,213	.....	773,892	562,955	209,109	370	1,458	647,146	52,822
29	133,867	21,979	2,030	7,729	.....	106,934	37,975	68,808	142	9	484,437	25,018
30	439,730	78,357	66,446	85,034	.....	419,514	141,063	273,979	2,706	1,706	1,067,959	88,274
31	261,390	43,097	8,678	12,462	.....	230,680	100,729	129,107	360	544	1,044,979	49,553
32	265,298	44,317	1,561	11,680	.....	217,117	91,471	125,581	20	45	883,625	60,497
33	408,691	51,189	7,030	38,029	.....	306,926	129,203	174,134	1,336	2,248	1,123,753	60,196
34	560,609	113,187	56,991	130,309	.....	628,017	250,689	367,626	2,236	1,166	1,817,478	138,001
35	301,426	45,629	720	4,836	.....	61,301	24,964	35,355		942	845,045	32,029
36	141,892	31,561	2,765	4,298	.....	76,219	43,139	32,767	33	280	392,083	17,690
37	162,396	30,879	4,025	5,025	.....	159,505	61,910	97,284	96	215	643,402	39,796
38	168,032	10,378	96	83	.....	19,041	11,122	7,908	11		472,531	6,953
39	345,885	47,402	13,850	2,489	.....	174,969	80,263	92,746	566	1,389	1,217,244	42,792
40	512,980	78,107	25,336	48,049	.....	372,202	190,823	167,852	1,581	11,946	1,665,483	82,106
41	477,893	75,344	32,593	10,561	.....	356,089	137,157	215,543	1,137	2,252	1,816,462	84,633
42	290,421	43,863	5,881	14,892	.....	234,973	111,699	122,762	452	160	798,782	45,093
43	111,503	16,775	454	5,876	.....	84,288	27,150	57,006	11	121	469,981	28,275
44	184,303	26,009	1,338	54,090	.....	131,284	59,808	71,372	12	32	390,204	32,471
45	939,715	126,347	31,447	33,821	.....	385,761	231,498	151,819	401	2,043	1,978,831	81,683
46	41,303	14,834	20	94	.....	14,778	6,755	8,023			90,552	5,758

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>NEBRASKA—Continued.</b>										
47 Howard.....	350,040	336,302	237,746	\$23,334,102	\$2,500,111	\$2,040,763	\$1,027,330	\$821,197	\$176,005	
48 Jefferson.....	369,920	357,276	203,319	30,031,411	3,021,952	2,293,570	1,143,436	865,697	282,234	
49 Johnson.....	230,360	232,255	213,845	22,000,906	1,800,663	1,474,014	814,075	426,362	232,883	
50 Kearney.....	330,240	313,121	264,778	26,829,630	2,828,856	2,471,268	1,716,012	1,526,569	224,720	
51 Keith.....	683,520	461,151	172,920	9,116,043	687,207	387,776	107,958	109,170	46,071	
52 Koyukaha.....	406,000	390,120	196,798	8,494,031	650,130	433,368	269,038	46,085	81,344	
53 Kimball.....	613,120	264,525	36,241	3,774,400	261,238	130,513	30,261	23,442	52,563	
54 Knox.....	712,060	612,710	408,127	36,169,821	3,451,580	2,854,612	2,036,287	56,913	739,041	
55 Lancaster.....	545,920	509,870	473,113	53,513,086	4,706,924	3,520,554	1,710,553	1,342,695	450,110	
56 Lincoln.....	1,023,040	1,210,235	568,112	26,395,999	2,402,888	1,406,755	971,580	214,643	169,721	
57 Logan.....	366,720	253,001	94,479	3,330,574	270,840	162,389	119,584	6,515	22,733	
58 Loup.....	308,640	257,903	96,721	3,719,026	386,765	250,044	211,502	12,762	28,190	
59 McPherson.....	1,071,360	387,211	218,510	3,871,872	384,140	178,797	174,450	67	1,817	
60 Madison.....	308,640	350,512	309,690	30,364,970	3,140,508	2,634,467	2,026,182	156,615	431,707	
61 Morrisk.....	296,320	278,353	261,069	21,080,909	2,148,442	1,647,355	966,095	528,988	145,782	
62 Morrill.....	606,880	490,860	214,804	8,310,576	601,016	170,408	85,350	35,438	41,978	
63 Nance.....	285,440	250,282	213,620	18,964,220	2,251,602	1,935,483	1,124,207	680,501	118,089	
64 Nemaha.....	248,900	230,580	213,590	25,431,001	2,374,971	1,843,900	1,068,540	556,810	215,582	
65 Nuckolls.....	370,506	377,691	261,634	30,297,434	2,574,508	2,068,700	1,170,231	707,840	169,865	
66 Otoe.....	387,840	337,013	346,001	40,249,560	3,534,315	2,823,493	1,605,900	789,242	364,977	
67 Pawnee.....	275,840	257,044	222,213	23,471,685	1,887,649	1,487,562	928,032	339,520	217,500	
68 Perkins.....	567,040	270,777	225,025	6,497,389	547,488	425,065	249,113	110,921	23,674	
69 Phelps.....	344,320	300,565	300,565	24,233,292	2,370,094	2,085,728	713,957	1,161,575	266,764	
70 Pierce.....	369,280	332,176	263,178	24,824,515	2,738,661	2,337,168	1,760,096	61,186	486,727	
71 Platte.....	430,720	411,238	370,010	42,657,323	3,923,905	3,286,094	2,026,273	759,429	483,876	
72 Polk.....	275,200	268,530	237,011	28,160,218	3,228,351	2,872,822	1,371,415	1,272,517	221,393	
73 Redwillow.....	460,800	418,603	308,102	15,004,023	1,379,318	1,007,694	230,932	670,797	34,223	
74 Richardson.....	348,800	331,025	284,600	34,375,469	3,067,401	2,346,787	1,631,817	444,238	260,507	
75 Rock.....	642,560	488,121	355,039	8,150,040	651,427	225,899	179,748	5,582	20,837	
76 Saline.....	366,720	357,503	312,752	37,869,407	3,063,255	3,012,135	1,211,102	1,446,118	348,452	
77 Sarpy.....	153,600	132,047	117,452	15,525,092	1,429,158	1,000,979	738,730	188,257	158,351	
78 Saunders.....	483,840	464,526	433,119	52,799,056	5,038,597	4,330,967	2,802,329	964,255	556,988	
79 Scotts Bluff.....	462,720	291,026	121,413	12,903,721	1,000,355	381,444	77,267	63,593	170,868	
80 Seward.....	367,360	354,434	320,499	38,004,351	4,147,804	3,508,926	1,710,472	1,494,981	353,639	
81 Sheridan.....	1,580,160	1,135,477	392,122	18,956,417	1,400,936	1,026,611	257,629	257,629	145,889	
82 Sherman.....	366,720	331,179	210,569	10,641,211	1,073,525	1,298,224	843,997	359,889	91,121	
83 Sioux.....	1,315,200	960,857	187,933	10,807,720	598,432	215,818	48,799	73,880	80,067	
84 Stanton.....	275,840	262,543	221,265	24,607,078	2,395,981	2,017,539	1,554,214	102,058	341,476	
85 Thayer.....	369,920	354,306	313,036	32,290,844	3,006,080	2,424,043	1,155,028	988,394	279,699	
86 Thomas.....	458,240	266,092	50,777	1,071,540	140,443	81,771	66,882	6,070	3,922	
87 Thurston.....	247,680	186,001	164,028	14,704,907	2,121,466	1,049,186	1,655,018	65,244	176,655	
88 Valley.....	364,800	342,025	227,148	10,190,633	1,683,890	2,204,880	1,193,540	386,601	98,740	
89 Washington.....	243,200	230,733	218,247	28,206,150	2,697,599	2,049,951	1,407,914	271,724	352,507	
90 Wayne.....	288,000	274,857	205,056	30,188,308	3,117,831	2,048,171	2,087,259	103,566	431,128	
91 Webster.....	369,920	359,828	275,115	20,200,234	2,302,401	1,757,998	999,313	648,866	108,644	
92 Wheeler.....	369,920	316,770	221,865	4,627,188	438,418	309,346	260,504	8,045	33,004	
93 York.....	368,000	360,042	341,045	42,440,825	4,632,601	3,980,803	1,916,687	1,772,665	276,816	

KANSAS.

	52,335,360	43,384,709	29,004,067	\$2,039,389,910	\$214,859,597	\$189,100,449	\$80,750,803	\$74,052,291	\$9,720,166
1 The state.....									
2 Allen.....	325,120	296,323	277,114	16,000,972	1,511,104	1,071,688	702,308	167,904	48,919
3 Anderson.....	369,280	336,470	251,400	16,588,321	1,496,127	994,772	795,623	67,040	74,606
4 Atchison.....	263,680	249,339	215,175	22,693,004	2,370,847	1,928,065	1,147,045	636,235	137,251
5 Barber.....	725,700	648,402	221,508	18,017,410	1,743,754	1,370,003	693,021	604,105	52,755
6 Barton.....	570,880	527,700	406,985	33,447,228	4,764,220	4,335,101	676,810	3,612,245	28,835
7 Bourbon.....	419,840	370,972	278,247	10,843,085	1,701,621	1,156,594	902,508	68,135	62,149
8 Brown.....	365,440	348,259	306,632	38,204,151	3,828,254	3,141,973	2,053,208	773,591	289,780
9 Butler.....	917,760	857,023	631,810	40,901,472	3,895,234	2,874,028	2,047,718	84,636	211,111
10 Chase.....	480,640	468,043	164,388	17,106,958	1,315,709	902,449	706,560	76,989	13,432
11 Chautauqua.....	417,280	370,049	155,419	10,220,574	1,181,630	844,403	682,788	42,166	25,925
12 Cherokee.....	387,200	322,692	280,402	14,740,140	1,030,206	1,441,103	968,591	341,468	120,602
13 Choyenne.....	645,120	411,400	271,953	6,890,883	1,092,297	918,680	288,496	450,282	22,144
14 Clark.....	622,720	533,903	132,746	10,216,028	730,813	509,607	71,696	492,697	7,302
15 Clay.....	408,320	398,504	330,145	20,395,139	3,504,924	2,988,712	1,125,977	1,566,756	283,523
16 Cloud.....	440,280	433,112	382,030	28,448,817	3,358,840	2,811,005	1,102,452	1,409,463	108,644
17 Coffey.....	412,160	400,535	344,986	20,200,660	1,070,793	1,400,009	1,125,309	1,065,640	95,120
18 Comanche.....	504,320	423,170	106,584	8,408,904	572,044	408,040	143,680	300,814	1,706
19 Cowley.....	725,120	653,470	406,219	30,583,405	3,214,714	2,899,237	1,023,300	382,754	271,535
20 Crawford.....	387,200	398,585	275,878	19,243,866	1,928,539	1,617,651	1,083,450	218,222	182,407
21 Decatur.....	570,240	531,421	341,807	14,155,445	1,174,345	842,339	260,700	525,888	26,133

# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## WEST NORTH CENTRAL—Continued.

VALUE: 1909—continued.												
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>NEBRASKA—Continued.</b>												
47	\$424,818	\$63,738	\$14,573	\$16,210	.....	\$370,233	\$193,227	\$178,420	\$1,115	\$3,471	\$1,290,734	\$69,068
48	499,945	79,072	40,242	100,117	.....	437,470	184,660	251,154	1,307	319	1,457,003	80,001
49	263,627	55,131	43,379	23,622	.....	273,885	101,010	169,883	.....	820	929,718	58,801
50	281,883	47,836	22,387	5,482	.....	241,466	91,300	149,014	1,085	67	531,731	50,298
51	258,450	31,225	948	8,802	.....	72,487	37,100	35,997	.....	54	427,866	22,472
52	108,386	25,603	1,098	20,775	8	63,692	28,911	34,528	.....	2	540,353	24,986
53	108,500	17,067	40	5,058	.....	76,056	11,306	20,160	.....	44,590	249,526	7,350
54	484,667	77,374	14,862	20,065	5	322,803	140,859	175,213	.....	207	2,153,849	90,449
55	748,675	172,181	102,438	103,076	5	898,866	462,205	405,730	1,006	29,925	1,542,633	119,159
56	828,084	99,559	25,266	42,324	.....	301,620	144,148	152,390	.....	2,172	1,771,079	68,157
57	88,580	17,706	252	1,913	.....	20,649	14,540	14,739	.....	6	210,451	9,945
58	96,421	20,244	3,046	8,010	.....	52,771	30,044	22,481	.....	35	315,142	11,092
59	171,705	32,038	40	1,551	.....	44,265	18,306	24,004	.....	.....	299,813	13,122
60	393,354	67,900	34,321	20,466	.....	321,770	149,373	170,318	1,052	1,033	1,333,441	83,868
61	437,330	43,094	12,015	8,680	.....	310,906	188,767	151,067	.....	684	1,265,199	45,168
62	257,930	55,579	1,360	7,633	.....	83,696	46,345	35,410	.....	903	553,495	22,901
63	264,642	40,857	16,032	4,558	.....	187,090	91,288	94,913	.....	356	567,968	48,266
64	326,853	72,104	91,788	40,146	.....	273,743	98,813	170,823	.....	3,283	953,757	71,373
65	435,731	50,306	18,709	10,921	.....	279,297	99,064	174,919	1,220	4,094	1,577,644	76,277
66	450,085	107,009	100,108	52,633	.....	424,154	170,795	249,448	.....	893	1,534,931	165,274
67	293,737	48,905	30,462	26,893	8	291,540	86,098	201,899	.....	527	1,348,932	68,477
68	96,630	24,030	102	746	.....	50,530	18,445	27,099	.....	1	310,618	14,666
69	226,151	58,849	9,083	10,283	.....	210,794	80,009	136,276	.....	221	586,721	32,514
70	333,617	48,361	12,886	6,629	.....	250,040	131,193	117,971	.....	451	1,119,422	63,507
71	403,404	87,301	29,025	57,271	.....	443,731	210,276	230,678	.....	1,268	1,292,955	99,397
72	278,880	39,544	28,061	9,044	.....	241,401	92,667	146,676	1,023	1,035	919,414	48,144
73	265,474	45,659	9,137	51,464	.....	171,383	69,665	99,851	1,407	460	745,019	37,662
74	532,519	83,682	54,212	50,201	8	369,635	124,021	240,315	.....	631	1,772,124	103,195
75	377,524	37,114	1,607	9,193	3	87,805	58,198	28,956	.....	681	427,702	17,872
76	421,530	76,292	60,200	33,008	17	462,059	157,779	300,642	1,729	1,909	900,664	160,452
77	205,195	70,433	42,371	14,180	.....	200,026	143,786	114,166	.....	616	452,479	32,925
78	492,500	91,683	91,731	31,710	4	582,759	225,930	353,731	.....	932	1,376,076	118,160
79	342,025	214,411	1,684	120,791	.....	122,459	45,007	70,366	1,796	5,280	495,199	37,424
80	435,101	68,688	54,622	22,527	.....	387,851	160,809	225,608	1,151	283	1,088,718	99,982
81	495,018	210,839	900	46,473	10	163,295	73,980	80,287	.....	130	1,182,328	41,665
82	321,487	44,070	4,143	5,601	.....	260,326	139,914	119,551	.....	763	1,044,158	55,407
83	272,879	83,116	854	25,765	.....	101,673	41,641	54,255	.....	324	727,571	32,625
84	313,735	42,883	16,003	5,821	.....	249,134	117,291	130,603	.....	714	1,033,332	57,094
85	471,230	97,427	31,055	12,328	.....	411,216	165,012	244,584	1,323	297	1,376,347	90,190
86	40,820	15,220	42	2,575	.....	19,635	9,539	9,104	.....	.....	185,312	6,035
87	115,030	38,703	5,485	12,469	.....	135,396	54,549	80,943	.....	680	679,123	40,391
88	410,270	84,222	11,031	10,262	2	218,736	107,189	109,662	1,320	1,665	1,409,760	41,024
89	300,373	81,208	118,770	87,228	.....	438,721	211,245	225,873	.....	407	1,281,151	71,588
90	372,142	56,160	27,693	13,705	.....	318,804	152,561	159,022	.....	938	1,791,437	60,591
91	440,270	90,833	17,364	19,936	.....	333,179	135,804	196,496	.....	637	1,692,400	73,214
92	99,333	21,104	4,254	4,321	.....	50,355	21,853	27,437	.....	991	375,029	14,123
93	474,901	72,109	53,467	51,321	.....	386,955	165,202	229,160	1,745	848	1,246,682	91,687

## KANSAS.

1	\$32,033,954	\$6,808,053	\$1,591,177	\$5,316,364	\$6,531	\$34,851,834	\$13,091,739	\$21,525,930	\$84,437	\$149,728	\$130,736,764	\$7,186,488
2	278,487	83,263	18,028	58,788	.....	383,646	132,349	248,401	1,244	1,652	895,299	87,362
3	339,787	50,058	17,801	37,049	.....	356,116	125,321	227,656	1,418	1,721	1,359,578	73,529
4	281,793	94,232	32,297	34,460	123	356,907	124,186	220,057	1,061	1,603	962,498	88,704
5	294,805	34,489	1,025	42,832	.....	176,247	54,055	121,101	.....	613	1,967,274	47,455
6	349,785	60,049	1,159	18,126	.....	350,219	130,876	248,867	.....	9	666,491	91,647
7	437,511	92,240	27,414	77,862	22	493,973	157,948	242,780	1,639	1,606	999,557	80,119
8	515,735	100,821	28,689	41,136	18	469,058	178,140	285,780	.....	4,016	1,741,431	110,261
9	820,972	103,469	7,677	82,188	.....	645,762	197,913	432,239	2,686	13,014	4,779,265	130,013
10	330,084	45,249	1,609	36,318	.....	293,370	51,464	150,673	.....	568	2,238,230	45,394
11	219,961	56,383	12,307	48,576	62	205,640	89,335	155,727	.....	466	1,650,590	64,989
12	311,866	113,735	42,317	30,095	20	447,176	184,886	257,757	2,499	2,034	532,237	96,069
13	92,404	20,336	1,131	50,746	.....	92,235	31,641	60,322	.....	272	330,770	24,862
14	128,981	8,000	250	5,909	.....	58,217	19,354	32,754	.....	5,609	1,108,324	21,642
15	400,480	78,117	6,620	31,095	.....	470,140	155,828	319,393	.....	196	1,619,171	78,990
16	443,687	98,228	10,036	18,894	.....	513,471	178,940	333,056	.....	967	1,601,543	68,448
17	332,830	82,308	27,082	77,414	.....	454,756	145,258	306,177	1,980	1,341	1,495,310	93,606
18	84,821	0,160	82	9,045	.....	64,875	23,642	41,157	.....	72	723,279	20,685
19	556,169	118,090	11,681	128,937	.....	593,179	262,356	328,230	.....	899	2,640,171	117,400
20	249,219	94,100	21,808	45,651	80	519,969	183,188	329,881	.....	3,139	1,185,191	90,559
21	221,173	38,988	3,078	68,787	.....	267,419	96,806	167,977	1,232	1,404	682,082	53,770

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
22 Dickinson	536,320	515,127	435,368	\$35,009,817	\$3,901,540	\$3,171,512	\$1,375,042	\$1,453,337	\$300,290
23 Doniphan	241,920	230,248	197,889	21,281,521	2,528,064	1,928,091	1,339,690	475,690	106,696
24 Douglas	300,160	284,010	223,562	18,907,254	2,080,799	1,297,612	892,862	302,250	88,938
25 Edwards	391,040	354,285	307,278	16,737,065	2,191,554	2,078,861	224,518	1,801,082	20,008
26 Elk	417,280	368,558	219,553	13,448,137	1,282,843	902,958	758,908	50,009	27,601
27 Ellis	576,640	525,123	436,980	17,558,714	1,716,939	1,444,702	321,838	1,091,206	14,704
28 Ellsworth	463,360	433,573	254,602	20,876,954	2,446,333	2,157,244	540,438	1,560,695	17,078
29 Finney	816,640	312,475	133,697	7,433,030	522,552	113,018	36,390	43,479	3,215
30 Ford	602,480	570,300	368,113	19,309,527	2,209,973	1,919,987	90,354	1,702,838	72,623
31 Franklin	374,400	347,507	291,092	21,336,300	2,046,942	1,253,374	1,057,030	68,703	79,985
32 Geary	240,600	225,728	102,016	10,030,022	1,197,200	866,467	536,818	296,013	53,100
33 Gove	601,200	496,500	227,241	10,167,727	1,283,769	1,021,448	274,582	591,294	24,252
34 Graham	574,080	424,764	369,157	14,428,909	2,135,146	1,844,648	1,019,216	749,544	52,947
35 Grant	309,020	147,332	29,681	1,645,060	42,922	11,856	2,027	1,424	10
36 Gray	548,480	232,803	108,098	4,691,670	331,588	204,200	29,906	149,052	3,105
37 Greeley	496,640	108,774	18,318	1,470,248	65,763	24,277	6,717	6,661	584
38 Greenwood	741,120	646,416	290,857	25,315,887	2,323,701	1,734,061	1,626,027	31,015	69,260
39 Hamilton	629,760	171,850	51,987	3,261,788	207,447	37,268	4,112	9,184	1,543
40 Harper	511,360	476,564	377,527	24,232,809	3,351,633	3,021,473	1,074,759	1,684,799	231,025
41 Harvey	345,600	325,624	304,684	26,366,101	3,021,207	2,530,206	1,095,520	1,213,080	211,646
42 Haskell	369,280	88,278	25,178	1,245,008	28,718	15,226	157	12,885	300
43 Hodgeman	549,120	399,606	125,156	9,064,009	418,381	295,089	66,205	181,979	8,584
44 Jackson	432,000	393,509	332,402	27,799,336	2,815,500	2,223,144	1,707,746	404,202	101,103
45 Jefferson	347,520	336,472	278,773	25,197,190	2,545,704	1,926,217	1,424,964	371,899	118,895
46 Jewell	576,000	501,241	457,035	36,018,407	2,898,990	2,063,549	1,513,003	487,641	78,491
47 Johnson	311,040	281,314	243,767	32,852,711	2,570,051	1,847,741	1,057,529	591,289	218,076
48 Kearny	545,920	191,855	73,180	3,680,788	460,118	86,875	18,255	35,431	4,106
49 Kingman	554,880	498,271	404,268	23,797,450	2,367,516	2,042,462	691,779	1,207,911	122,461
50 Kiowa	482,720	418,700	276,078	15,357,700	2,160,804	2,007,040	305,064	1,676,871	6,510
51 Labette	411,520	391,753	354,066	18,141,382	1,917,371	1,400,924	860,242	188,817	314,799
52 Lano	457,600	321,942	252,839	5,751,565	376,600	250,024	52,774	178,862	5,879
53 Leavenworth	281,600	269,880	219,604	18,060,909	2,191,989	1,527,547	834,206	602,082	87,410
54 Lincoln	461,440	443,630	298,231	20,726,372	1,917,937	1,573,766	607,640	913,640	19,687
55 Linn	392,320	350,837	272,810	15,559,498	1,621,460	1,029,027	869,204	88,240	44,770
56 Logan	602,480	454,501	202,548	7,226,278	346,638	346,642	141,311	143,628	10,403
57 Lyon	540,800	525,726	320,737	20,808,367	2,086,504	1,460,236	1,139,907	140,622	59,427
58 McPherson	576,000	550,232	489,269	38,933,260	4,940,877	4,236,147	1,395,470	2,520,133	292,239
59 Marion	621,440	585,845	458,694	38,257,873	4,102,833	3,435,880	1,603,687	1,217,809	416,523
60 Marshall	579,200	558,818	458,139	49,712,639	4,083,400	3,284,273	1,914,838	1,398,261	318,823
61 Meade	629,760	426,418	230,614	10,139,710	772,864	527,062	38,262	412,499	22,780
62 Miami	385,280	359,305	296,585	21,708,081	2,342,003	1,784,465	1,280,303	328,249	163,248
63 Mitchell	456,320	444,528	319,554	25,487,087	2,492,187	1,942,907	865,359	1,021,275	42,846
64 Montgomery	412,160	367,325	296,252	17,094,374	1,900,897	1,483,111	904,051	334,318	168,155
65 Morris	445,440	411,054	248,418	21,678,100	1,758,684	1,258,872	1,053,008	98,009	48,940
66 Morton	459,520	139,514	46,154	1,292,936	71,263	20,049	2,958	1,351	108
67 Nemaha	458,240	438,376	385,746	37,067,755	3,869,779	2,749,591	2,195,714	342,020	199,367
68 Neosho	371,200	328,453	283,474	15,928,041	1,682,589	1,201,022	874,722	190,880	70,605
69 Ness	690,560	626,749	240,259	13,363,997	1,821,188	1,489,167	131,135	305,824	34,583
70 Norton	600,640	532,918	355,439	17,151,246	1,328,090	866,178	212,708	586,302	57,828
71 Osage	459,520	438,617	336,610	22,689,610	1,818,063	1,289,104	1,022,140	132,469	83,066
72 Osborne	572,160	554,898	373,089	22,855,100	2,111,848	1,533,488	590,083	918,920	13,065
73 Ottawa	455,080	435,387	310,244	22,194,007	2,734,680	2,330,321	756,078	1,489,726	61,334
74 Pawnee	474,880	444,308	301,090	24,513,394	3,106,839	2,850,515	338,205	2,452,613	27,226
75 Phillips	567,680	553,550	446,831	21,791,612	2,109,999	1,497,327	705,235	674,708	109,455
76 Pottawatomie	539,560	505,413	313,090	27,053,332	2,818,320	2,026,482	1,075,504	236,235	88,787
77 Pratt	464,640	414,579	373,030	20,910,596	2,940,344	2,753,544	427,365	2,276,207	26,928
78 Rawlins	680,960	577,575	333,050	11,823,903	1,469,320	1,235,249	266,060	787,432	36,009
79 Reno	794,880	735,858	649,946	49,206,256	6,163,501	5,407,106	1,957,765	3,151,944	254,377
80 Republic	450,560	441,803	378,921	34,986,966	3,285,041	2,539,681	1,716,220	640,691	229,896
81 Rice	452,480	443,416	375,401	29,616,116	3,854,068	3,255,349	1,128,981	2,081,875	31,835
82 Riley	386,560	377,576	227,546	21,161,592	2,178,751	1,638,589	1,174,415	307,751	132,938
83 Rooks	569,600	567,634	367,634	20,256,466	2,815,009	2,380,799	751,938	1,538,558	76,448
84 Rush	460,160	431,939	289,037	18,298,262	1,723,904	1,478,902	177,017	1,228,890	43,062
85 Russell	524,800	298,999	21,706,615	21,706,615	2,481,667	2,120,348	425,806	1,655,493	11,439
86 Saline	460,800	424,950	327,019	25,308,168	3,097,338	2,561,138	899,432	1,580,551	49,960
87 Scott	456,960	265,750	168,140	5,208,480	404,804	223,360	69,569	121,033	13,669
88 Sedgewick	636,160	605,889	542,643	51,495,945	5,448,810	4,448,702	1,953,009	1,927,269	514,110
89 Shaw	411,520	211,274	146,664	3,544,045	250,223	155,106	17,394	96,905	2,066
90 Shawnee	348,160	312,716	247,989	24,680,192	2,542,238	1,460,049	1,158,860	255,473	47,169
91 Sheridan	573,440	493,877	281,255	12,130,437	1,330,932	1,111,728	387,774	560,511	63,103

KANSAS—Continued.

# STATISTICS, BY COUNTIES.

773

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## WEST NORTH CENTRAL—Continued.

VALUE: 1909—Continued.												Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.								
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.				
22	\$563,472	\$111,301	\$3,292	\$51,960	\$20	\$693,783	\$233,179	\$407,481	\$880	\$2,243	\$1,653,825	\$108,132	
23	295,450	88,613	178,013	37,897	695	280,178	88,328	189,895	546	1,499	1,235,334	100,513	
24	323,782	100,330	46,136	222,939	-----	472,876	220,909	245,485	2,873	3,669	1,088,115	76,793	
25	90,541	13,902	199	8,051	-----	129,574	44,535	84,910	2	127	589,873	42,742	
26	300,883	51,887	7,347	19,768	-----	298,023	126,303	170,703	484	533	1,438,824	58,245	
27	225,625	38,990	2,531	5,091	857	241,904	96,802	142,574	6	2,522	538,927	81,979	
28	226,754	44,925	611	16,899	-----	268,926	92,531	176,249	22	124	1,452,830	57,388	
29	225,131	19,115	909	164,379	-----	90,666	42,086	47,211	268	1,131	491,630	18,688	
30	246,160	32,414	235	11,177	-----	222,469	101,563	120,234	568	44	555,311	53,712	
31	384,537	76,809	28,393	303,829	15	537,778	221,875	311,705	2,062	2,136	1,738,830	92,831	
32	218,516	39,662	1,856	40,789	-----	181,134	74,630	106,212	292	-----	828,904	32,317	
33	169,535	31,517	706	70,563	-----	121,801	42,555	78,069	-----	1,177	356,154	42,915	
34	226,381	58,750	1,532	3,829	-----	242,651	79,438	162,126	14	1,073	750,676	63,585	
35	19,072	2,743	7	9,244	-----	11,116	3,288	7,828	-----	-----	113,964	7,595	
36	112,296	10,441	81	4,480	-----	50,598	23,694	26,737	167	-----	69,295	13,221	
37	33,918	3,491	39	4,038	-----	21,268	11,208	9,761	3	296	87,794	5,556	
38	463,896	76,954	6,905	41,975	-----	425,437	136,172	288,436	572	257	3,560,135	109,319	
39	97,441	9,657	279	62,812	-----	50,817	24,640	24,640	123	1,425	235,851	12,317	
40	274,010	42,371	1,632	12,147	-----	320,245	98,522	221,120	87	516	1,312,068	85,329	
41	377,088	66,182	1,871	36,860	-----	405,673	153,689	248,208	887	2,889	1,227,981	84,212	
42	8,226	117	149	5,000	-----	12,875	1,934	9,213	-----	1,728	3,042	938	
43	104,135	13,080	29	5,148	-----	129,977	73,200	56,293	-----	454	314,170	24,665	
44	431,601	73,186	27,330	60,320	10	428,533	150,368	273,463	1,881	2,821	1,668,494	108,881	
45	399,457	110,434	39,105	70,551	-----	517,561	184,392	328,360	1,932	2,907	2,026,652	108,384	
46	650,763	83,950	26,543	44,185	-----	705,633	215,389	485,515	4,361	338	2,681,431	124,654	
47	353,736	253,022	42,348	73,204	-----	614,624	334,739	273,427	1,424	5,094	1,577,288	92,533	
48	115,252	8,323	1,219	248,449	-----	47,902	19,339	27,592	317	690	149,430	13,626	
49	244,104	57,346	5,355	18,249	-----	368,255	129,829	227,848	79	499	1,868,559	85,484	
50	131,953	29,904	318	584	-----	117,588	40,910	76,678	-----	-----	714,113	35,855	
51	300,873	109,785	30,515	75,274	62	518,989	225,713	287,042	2,125	4,109	1,210,681	116,294	
52	86,062	13,912	1,155	24,037	-----	76,872	31,926	44,803	-----	143	276,767	21,969	
53	286,670	184,528	82,784	110,454	4,234	486,433	257,684	224,860	1,373	2,516	853,090	94,886	
54	203,618	39,594	734	10,235	8	385,686	124,383	260,953	178	182	1,419,328	65,655	
55	346,720	66,688	120,412	57,713	37	405,377	113,289	286,320	1,420	4,248	1,434,599	79,559	
56	123,303	18,861	718	132,114	-----	90,587	42,968	47,391	20	208	225,447	27,486	
57	468,377	99,355	10,386	48,240	10	554,488	192,461	357,978	1,041	3,008	2,828,618	165,425	
58	531,983	86,018	2,153	84,576	-----	594,377	208,502	383,012	956	1,907	2,178,467	117,242	
59	547,046	68,832	3,105	47,964	-----	661,739	212,343	446,260	774	2,362	3,271,631	130,821	
60	376,880	106,660	23,386	92,166	-----	650,702	217,035	431,855	1,217	595	1,843,738	124,581	
61	209,043	9,404	551	26,774	-----	73,851	25,159	48,639	41	12	541,315	26,301	
62	332,296	105,167	48,845	71,230	24	503,957	152,583	345,041	2,621	3,712	1,548,247	122,866	
63	473,874	54,708	5,422	15,216	-----	433,282	137,183	317,269	888	2,994	1,909,679	74,742	
64	292,036	123,392	27,405	34,953	37	508,522	226,503	280,322	918	689	756,180	110,271	
65	379,280	57,990	6,213	56,229	-----	368,397	140,309	216,670	775	643	2,382,673	65,002	
66	24,411	5,945	107	14,751	-----	11,060	3,481	7,579	-----	-----	74,801	7,298	
67	430,111	92,286	33,979	60,812	-----	613,797	233,124	375,520	2,439	2,714	2,440,697	113,034	
68	243,815	76,594	15,191	145,967	24	467,126	155,716	306,600	1,552	3,198	1,141,079	77,648	
69	202,048	23,352	1,010	5,611	-----	210,779	96,057	113,053	-----	1,669	616,867	39,286	
70	342,625	50,617	4,130	64,584	-----	384,585	167,104	217,035	738	6,043	1,299,284	71,592	
71	411,206	58,796	10,074	43,693	2	504,047	203,862	297,194	1,510	1,481	1,968,683	88,648	
72	475,270	58,239	6,081	38,170	-----	435,168	179,082	253,254	1,646	1,186	1,590,162	70,612	
73	346,636	38,518	3,498	15,707	-----	346,294	137,183	208,907	197	7	1,963,293	59,322	
74	225,799	27,261	306	2,958	-----	212,121	79,613	132,393	115	-----	388,166	60,700	
75	489,490	81,935	6,196	35,051	-----	493,856	198,678	294,122	952	104	1,563,733	78,915	
76	557,891	139,254	23,246	71,447	-----	452,773	127,379	324,457	476	461	2,938,669	112,827	
77	144,382	16,174	753	25,491	-----	229,673	69,309	157,927	98	2,339	534,621	59,189	
78	159,115	36,537	1,113	37,318	-----	160,822	60,660	99,652	236	274	386,437	45,515	
79	513,405	115,436	16,711	110,783	-----	738,742	287,977	448,416	657	1,692	2,187,350	139,455	
80	537,936	76,568	50,103	30,753	13	553,929	168,963	381,739	2,650	577	2,601,273	81,045	
81	475,320	53,800	3,505	66,694	-----	391,176	126,388	263,864	840	84	1,660,961	93,339	
82	417,093	70,644	16,573	35,852	-----	338,223	106,369	231,072	587	195	2,213,477	65,183	
83	353,017	63,537	4,979	12,677	-----	348,542	137,457	205,306	240	539	916,166	58,285	
84	212,697	30,031	101	2,173	103	273,454	104,449	168,850	-----	155	369,930	65,746	
85	303,850	45,177	496	11,796	-----	323,294	112,358	210,558	3	375	889,432	73,546	
86	428,738	53,551	1,788	52,063	-----	485,716	162,840	272,829	342	5	1,770,882	84,621	
87	75,305	9,136	156	96,847	-----	57,495	24,371	33,042	15	67	131,255	17,662	
88	706,122	228,180	13,760	75,546	-----	758,161	332,169	423,447	1,544	1,001	2,238,851	127,613	
89	58,106	6,554	254	29,703	-----	47,422	20,319	27,103	-----	-----	156,122	14,333	
90	550,481	173,053	61,955	266,700	-----	585,189	308,143	273,318	1,527	2,201	1,208,261	74,605	
91	192,553	25,503	399	9,743	-----	147,007	50,193	96,489	-----	325	541,556	40,669	

### KANSAS—Continued.

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST NORTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Cereals.			
						Total.	Corn.	Wheat.	Oats.
<b>KANSAS—Continued.</b>									
92 Sherman.....	671,360	440,105	193,978	\$0,738,801	\$594,358	\$437,734	\$92,090	\$203,620	\$16,211
93 Smith.....	508,320	541,637	442,965	26,517,431	2,279,063	1,666,935	1,122,093	470,914	66,837
94 Stafford.....	509,440	450,087	387,698	20,247,946	4,130,575	3,861,227	768,188	3,078,382	7,557
95 Stanton.....	438,400	154,422	23,647	1,693,976	60,241	7,561	663	1,814	243
96 Stevens.....	466,560	224,770	120,083	3,065,069	208,612	114,660	19,328	33,488	726
97 Sumner.....	754,560	717,507	642,876	41,117,637	5,473,424	4,809,190	1,913,046	2,235,885	610,819
98 Thomas.....	681,600	536,070	404,844	11,859,245	1,248,237	1,079,555	108,354	765,724	30,592
99 Trego.....	575,360	429,672	262,236	10,875,176	1,311,344	1,096,032	385,101	639,483	44,855
100 Wabamsee.....	508,800	477,895	247,635	22,030,173	2,075,193	1,461,520	1,063,619	279,864	47,601
101 Wallace.....	589,440	332,009	50,264	4,437,851	234,724	83,000	49,145	18,777	1,616
102 Washington.....	577,280	547,135	452,441	30,539,353	3,731,284	2,959,556	1,679,868	962,768	306,765
103 Wichita.....	461,440	203,153	113,411	2,821,041	151,549	97,057	21,223	57,172	2,306
104 Wilson.....	371,840	330,160	258,131	13,960,675	1,402,889	983,108	737,378	124,283	49,635
105 Woodson.....	321,920	270,235	250,405	11,350,695	1,169,771	622,654	475,285	49,533	32,786
106 Wyandotte.....	91,520	72,524	57,438	14,904,432	1,036,844	385,768	200,575	166,566	18,393

SOUTH ATLANTIC.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Cereals.			
						Total.	Corn.	Wheat.	Oats.

DELAWARE.

1 The state.....	1,257,600	1,038,866	713,538	\$63,179,201	\$9,121,809	\$4,692,329	\$2,903,442	\$1,697,539	\$51,022
2 Kent.....	394,880	335,205	239,314	18,608,602	2,788,787	1,595,610	939,022	642,982	4,712
3 New Castle.....	278,400	234,423	185,845	24,474,316	2,728,260	1,643,163	682,705	315,350	41,609
4 Sussex.....	584,320	469,178	288,379	20,036,223	3,604,762	1,553,550	1,281,715	239,207	4,701

MARYLAND.

1 The state.....	6,362,240	5,057,140	3,354,707	\$286,167,028	\$43,920,149	\$21,908,730	\$11,015,298	\$9,876,480	\$584,395
2 Allegany.....	283,520	103,287	70,513	4,040,197	625,512	228,694	122,846	53,334	33,172
3 Anne Arundel.....	276,480	208,245	139,127	16,689,931	2,197,956	338,465	206,614	20,090	8,080
4 Baltimore.....	416,000	326,482	230,471	41,290,207	4,620,197	1,530,009	784,654	593,681	81,265
5 Baltimore City.....	19,200	1,408	1,041	1,103,718	13,814	1,260	616	650	.....
6 Calvert.....	139,520	124,095	74,128	2,626,417	549,134	153,920	134,612	17,002	1,983
7 Caroline.....	204,160	186,878	128,206	0,136,895	1,670,328	774,341	505,341	252,918	3,883
8 Carroll.....	286,080	276,308	225,598	18,278,237	3,219,437	2,131,916	917,181	1,051,815	57,169
9 Cecil.....	241,280	195,611	140,980	11,394,270	1,793,905	1,133,048	440,728	611,130	79,236
10 Charles.....	206,900	232,337	121,021	4,700,396	861,331	323,625	239,632	73,067	4,064
11 Dorchester.....	368,040	234,985	123,679	8,110,673	1,601,245	677,341	414,056	201,154	1,005
12 Frederick.....	424,320	374,653	301,430	25,052,722	4,210,853	2,804,998	1,107,250	1,590,560	33,529
13 Garrett.....	438,400	265,220	122,318	7,593,325	1,237,212	371,793	127,317	45,798	131,540
14 Harford.....	282,880	247,146	171,473	13,950,169	2,284,823	1,104,091	661,924	364,068	70,068
15 Howard.....	160,000	149,052	114,027	10,096,804	1,517,820	887,727	418,337	445,583	12,452
16 Kent.....	180,480	172,823	130,786	10,122,081	1,730,499	1,175,317	306,322	769,064	9,199
17 Montgomery.....	333,440	273,270	200,153	20,858,469	2,635,935	1,632,078	777,474	811,605	11,985
18 Prince Georges.....	308,480	240,036	154,414	13,003,674	1,781,134	493,730	424,848	59,170	6,665
19 Queen Annes.....	233,600	210,072	171,614	11,808,920	1,675,836	1,321,250	554,846	761,710	2,049
20 St. Marys.....	237,440	192,787	98,247	4,777,249	922,530	304,045	265,688	122,362	5,462
21 Somerset.....	211,840	146,270	70,449	6,650,637	1,114,858	378,413	283,518	79,668	12,664
22 Talbot.....	171,520	163,038	117,728	11,645,414	1,504,050	973,332	458,853	512,066	1,381
23 Washington.....	293,760	231,191	191,842	18,526,366	3,280,833	2,060,638	799,572	1,232,434	11,684
24 Wicomico.....	237,440	197,821	100,092	7,045,091	1,363,955	490,360	395,885	50,516	1,370
25 Worcester.....	316,800	234,525	121,830	6,780,106	1,507,871	678,124	437,184	84,435	4,500

DISTRICT OF COLUMBIA.

1 The District.....	38,400	6,063	5,133	\$8,476,533	\$546,479	\$9,935	\$9,635	.....	\$165
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STATISTICS, BY COUNTIES.

775

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

WEST NORTH CENTRAL—Continued.

VALUE: 1909—continued.											Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.		Live stock products as reported.							
			Total.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>KANSAS—Continued.</b>												
92	\$123,803	\$25,831	\$311	\$6,670		\$94,057	\$53,942	\$40,900		\$115	\$336,363	\$20,504
93	505,101	72,370	15,801	18,700		554,594	199,801	350,849	2,808	1,136	2,006,383	105,321
94	221,377	33,191	3,040	11,734		261,943	87,501	203,634	131	677	573,867	85,575
95	36,630	1,337	15	14,098		12,010	3,314	8,696			45,793	7,205
96	40,309	4,533	40	109,061		34,837	13,191	21,646			171,905	18,225
97	485,110	100,101	4,150	74,864	10	602,349	218,100	376,902	1,585	5,762	2,494,040	143,393
98	135,805	26,513	255	6,109		130,076	57,346	73,225		105	389,651	34,677
99	170,327	32,109	904	2,802		154,805	61,230	92,460	1	1,084	519,325	44,840
100	469,952	103,773	11,300	38,642		309,855	120,371	247,219	1,259	1,006	3,443,836	82,432
101	119,158	16,113	565	15,828		55,024	30,273	21,320	146	3,885	171,806	13,767
102	589,817	104,217	39,174	38,520		666,739	235,526	428,661	1,145	1,407	2,454,068	119,792
103	45,500	4,928	5	3,999	40	34,923	16,808	18,115			76,578	13,965
104	287,530	81,740	10,985	39,526		356,761	112,728	241,149	1,794	1,060	970,458	74,254
105	474,467	40,893	6,047	25,710	2	212,704	62,651	145,659	572	822	707,915	45,741
106	83,189	301,769	146,267	59,851	3	352,007	232,397	119,007	300	303	199,150	34,190

SOUTH ATLANTIC.

VALUE: 1909—continued.											Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.						
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
<b>DELAWARE.</b>												
1	\$1,174,473	\$1,832,699	\$890,436	\$531,872		\$2,813,528	\$1,089,497	\$1,712,568	\$8,235	\$3,228	\$768,034	\$570,575
2	300,493	573,433	231,803	81,442		665,318	184,753	478,541	2,065	1,929	190,613	182,926
3	585,173	359,771	100,915	130,238		1,132,599	752,144	378,579	1,144	732	401,986	160,011
4	282,807	899,405	557,718	311,192		1,015,611	152,600	857,443	4,996	567	175,435	287,638

MARYLAND.

1	\$6,011,749	\$7,906,105	\$2,805,526	\$5,198,039	\$23	\$1,457,112	\$11,522,488	\$5,480,900	\$5,831,611	\$39,244	\$170,731	\$5,399,896	\$3,069,871
2	150,581	132,500	50,471	63,260		211,601	139,839	87,223	2,415	2,124	61,232	57,835	
3	127,573	1,011,063	353,336	306,920		304,216	139,785	164,473	421	5,537	70,172	67,661	
4	870,399	1,210,038	246,467	785,284		688	1,065,408	1,107,058	491,972	3,756	2,622	385,137	200,062
5	5,478	0,787	313			23,666	21,229	2,437			3,662		
6	11,671	43,328	33,106	307,049		206,730	101,490	20,499	78,123	215	2,653	27,992	50,849
7	131,808	495,217	158,481	110,981		27	352,763	69,251	279,275	1,781	2,456	123,985	121,159
8	527,401	279,018	109,959	178,143		1,951	1,227,492	662,526	2,822	1,762	897,495	351,477	
9	373,781	168,751	44,815	72,970			584,127	207,605	458	2,820	221,113	122,328	
10	63,937	69,010	21,801	382,368		288,287	189,064	33,750	147,087	1,614	6,613	67,675	65,106
11	119,955	597,897	45,339	100,713			302,808	48,592	249,388	1,291	3,537	89,265	105,866
12	732,681	320,501	146,711	205,962		11,254	1,301,822	770,055	519,994	3,676	8,097	662,389	404,773
13	382,531	161,588	33,960	287,340		40	289,084	145,152	113,710	3,404	26,818	281,476	126,459
14	465,551	519,694	91,827	109,060		3,798	891,478	547,942	338,380	1,025	4,131	418,441	151,092
15	268,320	143,810	100,743	117,229		4,916	361,748	155,577	200,833	1,202	4,136	233,989	161,736
16	151,762	220,164	131,011	52,255			273,635	94,226	164,171	178	15,060	241,167	95,416
17	392,552	237,505	145,303	228,437		40,238	839,688	476,645	350,728	5,898	6,417	397,921	168,748
18	141,336	641,439	308,890	308,890	13	306,039	338,741	142,674	189,284	2,177	4,606	77,193	69,576
19	106,007	168,902	41,412	48,190			311,012	69,346	213,844	221	27,601	150,683	91,738
20	45,410	75,670	21,044	384,958		321,845	211,235	30,000	174,485	533	6,217	60,367	55,150
21	122,525	201,414	243,079	78,827			262,031	43,650	217,356	618	377	55,606	54,018
22	177,618	255,838	20,898	67,370			308,949	74,137	213,230	1,074	20,508	140,405	105,437
23	445,867	170,194	360,592	243,642	10	42	528,986	219,209	293,751	2,159	13,867	535,238	237,659
24	117,108	394,138	195,451	186,898			319,306	57,683	259,407	1,563	642	82,915	130,470
25	80,407	381,500	101,049	306,791		3	382,142	44,796	334,473	743	2,130	84,415	105,206

DISTRICT OF COLUMBIA.

1	\$25,033	\$200,894	\$6,120	\$303,897			\$141,367	\$117,335	\$23,555	\$477		\$16,519	\$7,937
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AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF SOUTH ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.			Total.	Cereals.			
							Corn.	Wheat.	Oats.	
<b>VIRGINIA.</b>										
1 The state.....	25,767,680	19,495,636	9,870,058	\$625,065,383	\$100,531,157	\$39,093,929	\$28,885,944	\$8,776,061	\$1,609,973	
2 Accomac.....	321,280	185,638	83,116	12,544,530	2,772,299	460,877	458,348	1,950	559	
3 Albemarle.....	480,000	386,491	226,830	14,945,561	1,486,620	697,816	534,072	93,117	69,482	
4 Alexandria.....	19,840	2,995	4,096	1,594,009	106,611	9,676	8,183	795	346	
5 Alleghany.....	292,480	104,006	32,690	2,092,552	328,381	125,405	80,092	31,392	4,189	
6 Amelia.....	237,440	189,042	66,081	3,042,322	598,413	191,165	147,230	35,450	8,408	
7 Amherst.....	300,800	258,373	123,307	5,620,005	1,254,655	413,523	298,718	81,120	32,802	
8 Appomattox.....	218,880	174,341	74,249	2,615,502	674,222	218,358	144,285	57,104	16,909	
9 Augusta.....	641,920	301,742	285,247	24,399,075	3,071,543	1,741,615	759,036	878,429	38,765	
10 Bath.....	348,800	135,149	41,323	2,958,180	332,610	124,276	88,242	36,981	3,625	
11 Bedford.....	506,240	426,711	236,847	10,241,561	1,877,361	695,264	469,732	102,086	62,460	
12 Bland.....	230,400	137,076	59,773	3,209,399	334,520	186,893	139,200	28,136	11,109	
13 Botetourt.....	350,720	198,908	111,825	7,524,733	984,271	432,714	250,007	164,623	10,209	
14 Brunswick.....	356,480	282,020	105,085	4,005,740	1,315,882	367,265	315,458	38,900	12,827	
15 Buchanan.....	328,960	198,370	49,992	3,425,533	510,924	254,191	240,401	887	12,222	
16 Buckingham.....	373,700	283,815	110,136	4,258,382	954,914	378,657	288,936	68,565	20,486	
17 Campbell.....	353,280	274,739	127,725	5,981,781	1,446,095	469,724	317,631	107,388	35,217	
18 Caroline.....	338,560	308,299	141,246	5,640,271	1,240,176	429,791	300,414	62,452	6,946	
19 Carroll.....	263,120	281,594	105,450	7,520,420	1,043,948	486,081	374,909	32,443	18,256	
20 Charles City.....	120,320	80,549	34,423	1,709,511	332,836	154,900	156,604	18,243	9,883	
21 Charlotte.....	317,440	261,221	94,709	4,368,027	1,255,186	306,518	316,155	64,392	15,807	
22 Chesterfield.....	301,440	184,732	65,047	7,564,549	890,161	279,732	245,363	15,768	17,536	
23 Clarke.....	109,440	106,140	84,271	7,300,228	780,426	227,556	227,354	207,667	7,002	
24 Craig.....	213,120	89,525	42,388	2,511,417	308,157	119,088	80,308	28,505	3,567	
25 Culpeper.....	245,760	217,637	154,760	8,983,385	1,154,000	404,027	404,027	134,200	31,051	
26 Cumberland.....	187,520	162,424	60,895	2,848,759	697,209	221,745	170,207	39,433	11,945	
27 Dickenson.....	208,000	130,499	40,856	3,134,008	350,800	175,524	167,113	240	7,224	
28 Dinwiddie.....	331,520	264,573	99,300	6,066,312	331,403	175,403	282,593	35,630	11,535	
29 Elizabeth City.....	34,560	18,915	13,340	2,104,180	201,847	47,182	45,510	501	1,186	
30 Essex.....	165,120	144,599	68,500	2,724,117	466,804	256,965	225,847	26,967	3,867	
31 Fairfax.....	266,880	190,995	116,226	18,266,911	1,300,486	540,514	413,265	85,047	28,139	
32 Fauquier.....	426,240	328,082	282,017	10,362,971	1,536,889	1,046,065	718,142	274,897	33,675	
33 Floyd.....	240,040	237,128	159,591	7,074,602	788,925	410,826	284,227	63,357	16,640	
34 Fluvanna.....	182,400	151,554	63,411	2,805,708	459,186	181,858	148,954	20,712	8,057	
35 Franklin.....	446,080	411,522	175,698	6,996,655	1,714,411	696,518	481,720	180,716	27,491	
36 Fredericksburg.....	277,760	240,127	154,562	11,543,157	1,412,858	769,938	359,040	342,870	23,646	
37 Giles.....	236,160	146,420	80,102	5,438,689	525,885	267,308	215,705	31,700	14,909	
38 Gloucester.....	142,720	113,733	55,705	4,082,969	296,833	706,833	267,699	10,576	9,572	
39 Goochland.....	183,680	143,164	59,657	2,940,132	548,534	234,940	197,543	26,219	10,696	
40 Grayson.....	272,000	258,813	158,308	8,451,850	845,270	442,232	320,056	57,864	21,546	
41 Greene.....	99,200	87,525	49,738	2,036,895	368,065	219,280	160,163	38,885	12,043	
42 Greensville.....	196,480	128,707	47,928	2,065,435	596,797	106,697	103,587	794	1,943	
43 Halifax.....	520,960	408,473	236,541	10,309,444	3,411,835	907,279	677,814	135,213	84,027	
44 Hanover.....	327,680	241,636	112,915	5,541,785	1,214,436	439,068	304,515	50,036	15,762	
45 Henrico.....	170,240	110,723	57,311	11,027,075	974,628	249,308	198,690	26,443	23,681	
46 Henry.....	284,160	210,627	98,204	3,395,355	1,015,933	309,830	277,792	77,329	9,103	
47 Highland.....	270,080	199,393	70,424	5,255,830	336,783	143,836	98,116	27,350	6,817	
48 Isle of Wight.....	200,960	153,990	62,980	3,981,112	1,057,153	320,201	327,713	65	1,493	
49 James City.....	103,680	55,439	20,741	1,828,016	277,373	96,391	94,813	15	2,027	
50 King and Queen.....	204,800	154,302	65,822	2,264,152	400,490	257,902	230,049	10,495	2,273	
51 King George.....	115,200	104,424	62,757	3,082,939	486,019	279,233	250,365	19,142	9,726	
52 King William.....	168,320	133,240	61,248	2,553,746	601,389	243,025	202,322	38,322	3,225	
53 Lancaster.....	83,200	55,880	28,581	1,987,936	313,538	151,141	140,489	8,392	2,262	
54 Lee.....	285,440	241,354	145,920	8,413,283	927,104	402,796	394,838	47,800	19,717	
55 Loudoun.....	332,160	309,734	251,617	17,687,814	1,829,590	1,279,988	750,873	490,255	15,645	
56 Louisa.....	330,240	235,370	101,545	4,940,234	795,669	318,412	254,710	46,781	17,300	
57 Lunenburg.....	275,200	210,334	74,228	3,748,617	1,165,546	321,900	272,590	29,224	10,923	
58 Madison.....	207,360	170,865	104,882	4,722,241	637,257	411,645	304,847	87,672	15,504	
59 Mathews.....	60,160	43,265	25,135	3,486,763	412,102	178,198	170,403	3,208	4,207	
60 Mecklenburg.....	428,160	362,622	141,271	6,643,549	1,937,512	508,435	485,571	51,887	31,267	
61 Middlesex.....	93,440	70,397	34,372	2,869,676	474,352	183,359	169,846	10,784	2,674	
62 Montgomery.....	253,440	210,803	123,666	8,156,602	822,241	450,279	298,384	120,962	12,890	
63 Nansemond.....	270,720	179,164	74,328	5,522,813	2,060,638	378,761	372,187	150	6,114	
64 Nelson.....	302,720	249,824	113,842	4,626,199	699,374	373,645	284,519	64,880	19,977	
65 New Kent.....	122,240	105,546	30,567	1,832,182	295,972	113,916	105,783	5,885	2,128	
66 Norfolk.....	258,560	119,830	67,383	9,322,160	2,631,928	392,637	380,931	.....	2,656	
67 Northampton.....	152,960	83,436	45,659	6,756,523	1,953,436	287,592	285,864	.....	1,593	
68 Northumberland.....	131,200	95,635	51,595	3,160,734	548,527	250,692	210,816	36,528	3,318	
69 Nottingham.....	198,400	150,864	53,674	3,345,258	673,412	247,706	206,862	20,399	11,386	
70 Orange.....	229,760	191,042	109,480	6,743,438	760,168	445,770	299,904	105,010	38,067	
71 Page.....	206,080	132,981	75,354	5,686,364	645,077	397,983	183,554	193,027	9,951	

# STATISTICS, BY COUNTIES.

777

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

SOUTH ATLANTIC—Continued.

VALUE: 1909—continued.													
	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
				Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
<b>VIRGINIA.</b>													
1	\$10,256,998	\$17,338,496	\$4,442,334	\$28,400,400	\$605,721	\$12,169,086	\$20,805,451	\$7,704,326	\$12,430,980	\$173,927	\$496,218	\$20,124,957	\$3,657,649
2	48,448	2,071,997	93,505	97,412			403,251	59,668	342,458	218	907	53,396	174,448
3	258,804	183,109	163,312	183,688		25,221	360,374	164,024	187,687	2,539	5,824	244,449	122,948
4	9,401	23,527	0,871	57,130			44,999	35,116	9,883			7,050	225
5	93,407	97,658	14,250	57,452		25	92,325	45,045	43,127		1,107	3,246	54,454
6	56,565	40,041	10,735	263,007			118,205	47,463	69,852	382	518	26,871	37,441
7	65,123	149,093	65,017	590,990		413,102	243,823	121,873	123,956	2,088	906	205,748	103,025
8	44,717	42,078	10,827	358,242		275,245	105,928	48,547	56,259		838	284	47,115
9	638,327	225,023	94,594	371,384		107	552,551	165,356	361,003	2,672	23,650	763,885	273,682
10	100,512	41,457	13,532	52,833		87	81,723	28,929	41,205		781	131,234	39,260
11	197,282	253,958	65,001	665,250		504,409	415,221	191,783	215,771	4,059	2,608	355,011	188,112
12	54,632	33,705	15,484	43,806		204	83,637	24,272	51,929	1,092	9,244	210,998	51,418
13	152,907	230,209	82,584	85,557		3,125	223,771	92,065	126,544	2,456	1,706	195,639	86,885
14	68,393	134,000	30,615	711,000		174,024	271,631	139,295	48,036	476	1,161	29,792	72,347
15	19,678	80,003	22,800	128,003			142,274	51,881	77,160		7,038	58,574	42,540
16	87,952	73,445	22,511	592,949		292,434	181,443	76,165	103,778	622	883	29,271	67,515
17	122,751	179,000	32,733	650,827		434,590	290,729	151,401	135,153	3,164	1,007	86,378	93,029
18	102,506	113,315	63,106	631,428		270,139	245,903	67,237	177,313		819	96,169	112,622
19	120,205	161,937	71,862	107,833		5,112	267,055	110,120	143,757	2,537	10,241	230,889	143,516
20	44,640	37,950	8,100	57,280		79	97,603	23,979	71,595		611	40,775	22,107
21	90,746	102,121	32,901	632,810		558,760	161,547	63,762	88,334	600	851	35,814	84,009
22	126,337	170,001	30,902	274,939	107	24,041	276,538	132,111	143,002	660	765	40,887	49,750
23	110,155	38,143	52,307	32,205			129,774	26,725	87,505	2,155	12,387	481,354	49,658
24	48,236	25,037	6,400	106,387			85,724	26,134	52,912	1,139	5,599	134,522	39,313
25	142,739	73,090	30,044	331,398		474	321,357	101,971	209,342	1,373	5,671	239,014	160,396
26	80,731	71,285	12,829	304,619		250,416	116,571	45,022	71,024	247	278	39,122	51,946
27	40,377	65,750	7,748	61,305		1,077	85,036	46,772	31,750	2,536	3,978	88,588	43,905
28	70,916	150,145	48,202	977,453	5,702	277,147	77,025	124,583	555	605	32,243	82,474	83,474
29	37,259	95,803	14,853	11,750			114,790	72,221	42,311	82	176	11,554	16,968
30	54,111	63,788	10,203	75,637		6,255	122,075	20,490	90,586		78	42,255	54,954
31	223,914	287,236	94,949	162,873			734,696	417,537	311,416	3,730	2,013	185,213	57,816
32	157,357	115,038	52,700	165,000		100	416,930	122,150	280,377	2,969	11,404	1,200,994	122,488
33	128,837	90,082	30,175	110,705		3,225	108,929	99,029	108,246	2,096	11,607	481,053	123,472
34	56,468	54,561	19,213	147,396		74,094	119,108	39,007	79,092	218	821	46,039	40,129
35	134,568	222,453	60,065	591,177		445,798	337,631	158,344	169,973	6,649	2,665	231,167	183,437
36	201,748	95,505	259,313	80,294		3	233,349	79,541	184,659	4,934	14,215	404,534	119,164
37	96,524	70,458	37,878	53,717		66	150,045	47,090	87,401	1,708	18,851	231,099	57,547
38	133,073	136,481	25,868	114,558			188,258	42,041	78,689	427	2,116	49,342	62,392
39	95,315	60,801	9,778	157,700		118,077	126,562	40,220	84,631	250	1,461	57,532	48,676
40	149,186	109,580	37,040	100,023		256	120,101	69,986	121,184	4,109	14,822	436,930	132,210
41	39,946	53,158	14,471	41,201		805	87,784	26,879	58,179	632	2,094	79,355	55,133
42	14,426	51,688	15,482	408,504	123,881	700	69,177	25,891	42,990	192	108	5,893	35,623
43	99,471	205,539	63,442	2,140,104		1,004,285	348,149	159,989	184,453	2,367	1,340	85,115	237,690
44	121,900	343,520	30,933	278,109	20	148,322	299,142	97,741	168,715	614	2,072	81,099	99,990
45	150,630	220,088	24,963	323,049		6,865	607,341	358,054	147,664	1,253	3,770	111,567	41,168
46	98,793	125,501	17,101	434,708		357,069	130,238	81,685	92,076	6,036	441	47,066	88,923
47	108,158	40,054	11,130	33,593			85,376	21,183	39,183	1,658	23,312	432,717	49,947
48	14,970	181,383	14,983	516,610	5,360		99,358	25,078	78,689	379	210	21,647	196,283
49	26,420	115,940	8,225	30,288			80,920	13,296	23,239	101	84	9,187	10,354
50	51,992	53,344	116,917	116,917		24,030	144,595	28,216	115,178	51	1,150	32,134	35,293
51	60,127	52,472	39,831	54,350		109	138,373	20,813	114,848	504	2,213	44,429	50,076
52	39,804	50,143	11,748	315,709		29,985	104,745	24,368	78,690	34	1,653	40,743	29,672
53	40,736	86,370	8,761	26,530			123,314	13,692	103,622	206	794	16,193	22,922
54	132,243	157,431	64,230	120,464		2,165	267,765	80,429	167,061	4,374	5,001	556,110	139,586
55	235,546	123,046	73,717	117,293		7	623,487	282,599	318,816	4,463	17,609	1,007,504	192,151
56	126,438	94,036	25,857	230,481		159,630	197,036	65,782	129,420	1,047	787	69,273	82,501
57	90,046	101,882	20,215	625,503	60	514,001	129,903	59,082	69,439	812	574	33,818	48,645
58	77,585	58,903	32,631	56,433		1,160	125,675	37,647	172,128	1,327	3,473	169,219	90,694
59	66,571	84,023	10,527	66,243			164,637	26,377	137,511	348	301	12,967	37,581
60	88,580	203,293	42,005	1,035,106	75,120	772,129	262,447	86,617	137,677	1,190	993	84,505	125,343
61	75,473	101,737	19,213	60,570			141,020	30,138	109,808	212	862	23,962	61,775
62	145,330	90,061	54,846	80,708		905	222,850	99,630	103,586	1,274	18,966	352,879	102,135
63	35,335	670,893	41,670	933,370	60,308		135,094	28,666	105,558	760	110	11,651	182,217
64	59,181	83,490	213,005	269,093		233,972	197,414	92,328	102,802	918	1,368	83,724	63,110
65	22,200	55,824	6,158	97,775		782	63,522	18,000	44,945	60	517	27,661	27,743
66	128,708	1,707,090	314,236	89,251		32,655	344,627	266,908	76,188	1,323	148	17,114	37,180
67	22,034	1,521,000	6,913	115,927			128,521	21,723	103,069	8	1,721	24,417	69,804
68	72,106	142,559	33,571	49,579		49	205,202	30,474	172,428	317	1,983	51,351	92,424
69	65,148	86,501	27,074	249,029		183,941	130,991	62,495	67,823	190	483	23,632	55,847
70	117,025	78,985	17,070	101,318		7,732	206,036	63,660	136,201	1,023	4,152	237,168	83,412
71	70,520	81,674	37,908	60,934			170,393	39,888	133,447	1,317	2,293	155,034	82,565

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF SOUTH ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>VIRGINIA—Continued.</b>										
72	Patrick	310,400	271,147	103,003	\$4,572,184	\$932,811	\$412,938	\$333,979	\$56,537	\$6,985
73	Pittsylvania	647,680	600,812	280,730	13,016,499	4,323,069	1,090,487	749,662	270,833	66,131
74	Powhatan	174,720	132,105	52,019	3,304,192	503,715	194,500	161,732	24,203	8,565
75	Prince Edward	227,840	180,661	66,177	3,630,208	936,558	258,634	198,658	47,300	12,516
76	Prince George	188,160	129,203	62,390	2,915,753	922,548	208,464	175,786	11,813	18,449
77	Prince William	220,800	170,231	100,180	5,821,941	668,619	391,582	254,852	109,407	16,308
78	Princess Anne	178,560	102,120	63,232	4,728,943	1,067,004	310,345	309,805	210	180
79	Pulaski	213,120	141,981	98,807	8,882,491	703,081	443,920	287,130	130,994	19,016
80	Rappahannock	175,360	155,032	101,904	4,479,257	556,698	318,714	257,023	51,500	6,656
81	Richmond	130,560	94,598	43,030	1,780,200	328,546	176,336	142,849	20,125	4,288
82	Roanoke	192,000	131,005	74,855	7,273,268	784,263	319,261	200,081	99,002	12,624
83	Rockbridge	302,320	286,060	161,710	9,779,232	1,225,947	732,306	384,120	309,170	20,032
84	Rockingham	500,640	363,042	241,670	23,292,121	2,727,401	1,080,081	697,467	842,027	23,801
85	Russell	317,440	255,924	155,126	11,561,226	1,045,126	599,988	493,398	56,157	49,002
86	Scott	347,520	343,170	164,503	10,914,741	1,106,779	583,464	509,484	63,523	19,816
87	Shenandoah	326,400	231,942	142,206	12,218,010	1,554,072	986,383	470,855	447,349	20,915
88	Smyth	278,400	218,634	117,866	9,779,429	965,976	472,531	310,398	116,725	27,711
89	Southampton	386,560	333,705	127,050	6,155,752	2,209,878	457,280	451,155	44,857	32,838
90	Spotsylvania	263,680	187,105	79,013	4,232,559	551,140	274,306	210,949	40,362	16,536
91	Stafford	175,360	121,485	50,820	2,731,253	459,655	209,117	173,969	21,847	13,024
92	Surry	177,920	115,178	39,460	2,837,398	932,254	208,168	204,948	562	2,496
93	Sussex	320,600	202,493	70,287	3,591,442	1,210,865	239,396	233,240	1,380	4,555
94	Tazewell	339,840	270,581	164,185	12,531,126	879,368	420,224	336,080	44,857	32,838
95	Warren	138,240	110,150	69,092	4,009,026	474,274	317,001	170,005	133,433	9,307
96	Warwick	42,880	21,947	8,994	1,305,618	200,726	66,323	63,602	1,059	1,622
97	Washington	385,280	314,726	204,102	14,245,972	1,500,594	850,965	587,393	215,052	36,590
98	Westmoreland	161,280	118,535	61,462	2,450,952	527,233	285,596	226,481	47,400	11,680
99	Wise	268,800	192,874	51,398	3,861,466	525,771	188,379	178,704	777	8,067
100	Wythe	300,560	257,207	149,073	11,763,981	1,217,676	585,024	350,908	170,005	46,775
101	York	87,040	60,591	23,227	2,203,640	438,802	137,785	135,609	606	1,213
<b>INDEPENDENT CITIES.</b>										
1	Alexandria city	640	16	16	13,850	340	60	60		
2	Bristol city	1,280	60	67	28,338	2,997	225			
3	Buena Vista city	1,920	309	360	34,662	6,000	2,581	2,009	475	97
4	Charlottesville city	640	4	4	16,282	164	17	17		
5	Clifton Forge city	640				2,169				
6	Danville city	1,920	87	83	150,973	2,040	376	330		46
7	Fredericksburg city	640	151	65	1,324	323	208	208		
8	Lynchburg city	3,200	278	93	37,513	1,355	234	168		66
9	Newport News city	1,280	16	16	16,340	85				
10	Norfolk city	4,480	139	88	667,742	10,475	230	230		20
11	Petersburg city	1,920	324	274	68,276	3,224	1,220	1,200		
12	Portsmouth city	1,920				17,739	12,154	9,098	2,616	314
13	Radford city	3,200	1,527	1,314	224,435	739	410	410		
14	Richmond city	7,040	79	72	48,740	924				
15	Roanoke city	3,200	31	29	16,798	198	48	48		
16	Staunton city	1,920	619	594	62,776	9,400	1,400	800	540	180
17	Williamsburg city	1,280	535	332	20,328	7,109	1,455	1,275		82
18	Winchester city	640	1,921	1,731	223,655	21,731	10,097	5,720	4,195	

WEST VIRGINIA.

	15,874,080	10,026,442	5,521,757	\$314,738,540	\$40,374,776	\$15,997,700	\$11,907,261	\$2,697,141	\$912,388
1 The state									
2 Barbours	222,720	200,610	134,553	7,238,951	755,800	304,440	225,542	37,360	11,901
3 Berkeley	208,000	159,216	116,914	7,523,456	1,231,255	737,866	335,589	377,149	10,137
4 Boone	323,840	88,800	31,552	2,263,348	369,350	152,112	150,660		1,355
5 Braxton	330,580	205,181	145,743	6,868,065	987,223	409,170	371,016	27,522	10,336
6 Brooke	56,960	52,463	36,977	3,475,257	300,651	139,083	93,303	19,176	26,106
7 Cabell	167,040	149,512	84,200	3,069,125	1,020,111	292,847	254,206	27,450	10,988
8 Calhoun	183,040	149,037	72,354	2,803,077	544,185	260,489	225,976	30,158	4,290
9 Clay	212,480	83,093	31,940	1,505,858	383,255	147,493	134,988	7,145	5,329
10 Doddridge	202,880	197,932	129,140	6,610,870	588,266	182,208	105,651	9,964	6,282
11 Fayette	426,880	110,142	53,732	4,376,468	624,455	169,406	143,303	2,122	17,033
12 Gilmer	211,840	193,609	115,722	4,981,065	717,802	296,230	261,843	29,719	4,400
13 Grant	205,040	208,119	95,968	3,499,893	338,777	150,234	92,897	30,161	11,353
14 Greenbrier	638,720	330,489	152,358	10,300,025	1,041,542	476,032	330,018	106,443	25,580
15 Hampshire	414,720	347,171	141,296	4,919,981	745,250	301,050	144,356	75,604	29,816
16 Hancock	53,120	46,292	34,471	2,702,642	312,599	93,989	46,376	22,501	24,673
17 Hardy	367,360	248,869	94,520	3,997,601	545,740	314,144	188,306	80,986	16,853
18 Harrison	206,240	247,835	204,614	15,115,052	987,100	249,416	208,352	22,976	17,636
19 Jackson	205,040	284,746	204,614	7,852,966	1,214,171	524,819	396,509	114,131	19,194
20 Jefferson	136,040	120,736	104,764	9,946,933	1,265,266	940,410	368,784	562,025	29,099
21 Kanawha	550,400	252,402	135,873	8,940,190	1,411,020	513,474	449,350	34,656	

# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## SOUTH ATLANTIC—Continued.

VALUE: 1909—continued.													
County	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
				Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
72	\$44,974	\$94,614	\$90,322	\$289,063		\$170,821	\$158,496	\$69,563	\$82,006	\$4,170	\$2,757	\$118,812	\$84,961
73	123,936	321,383	44,305	2,745,808		2,509,203	455,685	226,212	240,561	8,791	1,121	89,690	264,251
74	63,902	07,805	13,988	173,460		140,140	118,008	44,674	72,585	347	402	28,162	41,636
75	68,903	111,044	20,397	470,980		408,448	153,165	70,903	80,845	904	513	29,509	74,021
76	72,208	54,282	20,387	507,207	\$86	26	90,533	31,933	57,851	37	762	20,546	39,735
77	107,234	70,170	22,426	77,207		116	280,435	137,492	138,215	1,979	2,749	260,957	57,383
78	57,958	550,925	103,039	43,027	3,607		147,812	14,352	130,820	44	2,566	21,049	27,684
79	104,782	03,397	39,075	51,208			158,546	55,090	80,879	1,897	20,680	430,634	94,114
80	65,294	53,537	73,543	45,610		101	137,884	30,907	99,924	1,449	5,604	411,280	69,736
81	36,569	70,379	11,002	28,259			114,928	18,641	94,193	224	1,770	21,951	53,091
82	128,558	137,827	117,364	81,253		209	188,846	117,417	65,882	1,945	1,602	110,932	74,351
83	185,765	117,860	49,221	140,696		4,959	283,200	178,190	2,008	8,099	465,101	136,606	466,101
84	589,373	250,702	07,378	142,807		278	609,637	159,801	493,404	2,358	14,074	1,540,257	248,198
85	129,094	129,770	27,318	158,956		392	76,190	88,999	155,515	5,355	28,321	758,811	146,841
86	160,122	159,702	03,946	189,455		0,406	327,523	97,339	215,424	6,551	8,209	515,485	165,123
87	255,104	147,010	06,842	07,833		45	441,579	91,164	339,241	1,677	9,497	428,715	159,382
88	128,116	174,301	01,888	69,140		260	191,703	60,148	115,010	3,196	13,349	704,461	99,689
89	13,062	115,350	16,523	1,607,054	181,222	17	117,077	19,566	96,736	355	420	18,549	296,414
90	66,521	69,985	20,869	99,399		20,010	162,223	56,860	102,634	957	1,772	98,729	66,319
91	03,313	75,693	30,067	75,475		768	146,775	45,363	99,859	1,139	414	70,949	29,666
92	29,799	53,575	17,580	624,132		10	67,209	16,605	50,324	225	55	95,246	72,850
93	47,280	84,771	16,071	823,347	33,449	459	85,556	25,557	58,773	290	836	15,714	73,278
94	178,776	93,672	30,056	150,040		52	223,540	86,387	107,610	2,659	26,884	798,543	105,802
95	53,846	41,684	23,192	37,951		2,776	139,467	29,095	99,126	4,882	6,364	214,363	48,032
96	34,053	65,211	8,393	32,746		107	77,528	33,978	43,314	66	170	11,786	30,260
97	204,680	158,479	89,322	197,148		7,527	444,069	177,137	242,245	6,130	18,557	662,679	193,956
98	44,377	119,408	25,290	52,602		123	174,111	24,957	146,726	168	2,260	36,655	56,754
99	54,226	122,178	18,767	142,221		360	141,500	78,860	56,170	3,760	2,710	124,435	53,117
100	161,483	301,093	71,601	98,475			220,638	59,068	134,006	3,261	24,303	639,784	174,606
101	29,075	140,097	23,427	108,418			88,752	18,039	70,313	45	355	22,976	40,130
1	80	200					413	270	143			100	
2	20	2,680	72				974	410	564			3,070	126
3	739	2,304	280	696			47	20	27			19	
4	143		4										
5	2,109												
6	75	532	1,817	140		80	1,436	1,238	187	11			25
7	40		75										
8	190	603	58	210			2,582	2,407	160	15		87	
9			85				285	150	135				
10	60	14,686	4,600										
11	605	601	153	576			15,524	15,097	419	8		20	
12													
13	1,775	2,054	720	136			5,623	2,660	2,947	16		150	60
14		207	7	300			1,466	1,458	8			25	
15		135	15				314	117	37	160			
16	2,867	4,823	741	85			993	145	848				
17	1,264	3,010	480	480			510	75	435				1,535
18	2,052	686	8,408	488			2,495	447	1,804	174	70	2,811	230

## WEST VIRGINIA.

1	\$7,492,747	\$6,968,618	\$3,340,124	\$0,875,587	\$14	\$1,923,180	\$11,526,947	\$5,000,138	\$5,530,233	\$231,630	\$764,946	\$14,159,182	\$4,296,936
2	181,223	123,024	83,200	63,904		627	212,203	85,939	114,035	4,148	8,081	484,939	104,029
3	146,694	71,941	205,792	08,962			238,113	37,701	131,869	6,158	13,385	237,425	112,915
4	17,464	90,451	41,120	08,203		13,970	62,643	43,350	38,416	4,855	1,022	63,574	46,874
5	160,002	195,183	96,822	126,037		1,527	245,285	98,251	120,536	10,244	16,254	330,071	109,267
6	80,166	43,591	25,334	12,488			158,014	76,641	51,600	808	28,965	54,311	22,444
7	51,728	132,085	66,873	470,578		418,797	241,730	122,763	112,104	4,256	1,607	114,928	53,708
8	32,313	103,407	31,674	60,302		505	49,824	68,103	68,103	4,762	3,986	145,451	54,748
9	31,962	92,075	60,240	51,485		925	81,554	45,322	31,242	2,966	2,024	76,125	39,162
10	196,028	115,034	50,252	44,744		258	177,066	69,999	87,319	5,539	14,209	265,732	72,117
11	118,952	204,738	83,004	48,265		681	172,750	83,237	80,582	4,390	4,541	101,571	75,647
12	148,398	124,278	59,373	89,517		976	144,061	50,841	74,861	7,257	11,102	309,704	73,656
13	86,423	44,023	16,813	41,284		158	94,564	20,236	52,936	1,562	19,830	301,897	50,490
14	252,572	142,993	53,989	115,956		305	288,708	98,022	153,514	2,870	29,302	801,196	102,170
15	116,133	72,510	138,401	117,156			180,637	46,973	117,134	2,811	14,219	190,547	99,172
16	64,618	47,669	81,761	24,562			120,252	71,540	36,726	143	11,843	48,681	27,854
17	94,280	57,622	15,987	63,707		2	115,363	18,446	79,953	894	16,070	309,148	72,409
18	332,967	181,434	110,383	92,870		57	380,546	185,210	174,302	4,636	16,398	744,268	129,597
19	212,971	197,190	78,009	201,182		100,336	408,679	114,639	264,323	7,432	22,185	478,932	115,463
20	139,882	62,407	94,238	28,320			179,438	52,826	104,873	1,523	20,211	316,263	78,962
21	160,147	302,134	145,556	190,659		49,770	483,429	247,818	225,779	6,970	2,862	235,325	117,840

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF SOUTH ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Total.	Corn.	Wheat.	Oats.
<b>WEST VIRGINIA—Continued.</b>									
22 Lewis	251,520	243,153	181,827	\$10,202,819	\$757,752	\$233,581	\$200,060	\$19,196	\$7,450
23 Lincoln	207,520	191,862	88,823	3,924,320	1,294,030	449,285	415,874	20,730	12,668
24 Logan	280,320	99,421	24,035	3,832,368	372,107	144,037	142,331	263	1,360
25 McDowell	341,120	128,784	17,479	4,961,042	334,945	64,031	89,028	163	4,556
26 Marion	201,600	173,520	131,820	10,009,274	847,320	283,246	221,938	22,025	34,593
27 Marshall	198,400	189,727	137,120	10,420,500	1,069,720	404,149	333,482	86,026	72,421
28 Mason	304,000	264,210	178,971	6,930,194	1,104,359	486,461	337,811	136,136	10,592
29 Mercer	268,160	185,108	89,790	5,013,340	648,423	202,004	203,930	25,730	23,809
30 Mineral	223,360	156,925	68,313	2,964,244	372,236	116,035	66,877	30,657	12,571
31 Mingo	266,240	93,037	23,184	2,072,014	331,446	133,536	132,609	100	808
32 Monongalia	229,120	187,822	144,121	11,705,325	816,848	300,705	224,140	37,340	38,906
33 Monroe	202,480	241,342	125,923	8,138,421	885,754	440,106	316,061	110,506	12,538
34 Morgan	149,120	107,059	47,643	1,950,375	418,975	181,136	101,157	44,560	11,657
35 Nicholas	435,200	157,375	77,325	4,001,014	592,829	242,851	212,822	2,930	13,099
36 Ohio	68,480	59,508	47,009	5,873,951	641,075	193,508	127,441	30,871	34,572
37 Pendleton	447,360	312,094	88,146	4,880,098	486,200	245,330	159,038	60,509	11,940
38 Pleasants	84,480	73,556	49,917	2,207,555	300,524	123,039	103,664	12,213	6,636
39 Pocahontas	578,560	233,871	83,067	4,996,580	642,807	172,236	120,883	20,079	17,237
40 Boone	410,000	295,289	164,845	3,412,497	1,209,927	531,589	264,283	42,129	107,411
41 Putnam	215,040	185,747	110,969	4,807,916	1,220,381	371,728	300,846	59,440	11,214
42 Raleigh	882,080	139,134	65,228	5,400,334	721,527	189,205	158,441	863	8,968
43 Randolph	663,040	289,080	114,036	7,445,836	760,283	218,863	175,183	6,317	22,635
44 Ritchie	289,920	240,958	154,080	6,474,818	709,283	255,798	208,278	37,526	9,071
45 Boone	334,080	287,582	193,807	7,896,334	1,305,702	585,635	518,488	50,398	16,513
46 Summers	236,160	192,420	84,384	4,394,971	707,090	259,357	207,800	33,314	11,253
47 Taylor	112,000	97,745	77,206	4,059,757	420,351	135,351	103,881	9,461	13,551
48 Tucker	259,200	93,314	40,093	1,845,092	312,066	107,003	77,552	1,829	13,729
49 Tyler	160,400	157,032	114,092	4,984,774	741,943	238,386	205,992	21,397	9,408
50 Upshur	224,040	193,028	124,543	6,368,875	602,807	213,523	172,019	14,478	13,213
51 Wayne	330,880	240,753	129,365	3,923,560	1,109,972	412,013	378,919	22,467	11,252
52 Webster	373,120	109,043	38,382	2,173,961	389,748	114,790	108,983	242	4,557
53 Wetzell	228,480	100,407	122,209	7,082,710	784,160	369,003	288,438	49,257	30,256
54 Wirt	130,520	124,134	70,870	2,881,069	494,151	177,494	155,208	10,069	5,786
55 Wood	232,960	205,466	138,017	7,813,248	960,076	350,186	286,989	45,088	16,776
56 Wyoming	321,280	158,613	41,080	5,586,128	550,202	204,561	183,684	.....	9,034

NORTH CAROLINA.

1 The state	31,193,600	22,439,129	8,813,056	\$537,716,210	\$142,890,192	\$37,848,797	\$31,286,102	\$4,420,322	\$1,741,561
2 Alamance	314,880	252,578	107,433	5,344,109	1,243,247	616,710	400,590	180,137	32,085
3 Alexander	184,960	159,944	60,587	3,416,141	652,044	350,829	248,420	79,501	12,084
4 Alleghany	149,760	140,966	95,619	4,344,341	402,465	258,315	187,394	16,829	2,879
5 Anson	355,840	289,990	160,337	6,560,337	2,488,892	428,630	320,648	17,843	80,469
6 Ashe	273,280	260,825	163,804	8,111,149	870,084	478,195	385,057	32,188	7,228
7 Beaufort	537,000	249,100	70,509	5,820,454	1,837,112	405,628	395,961	1,041	8,508
8 Bertie	449,920	282,471	103,302	5,064,227	1,853,438	277,053	274,515	166	2,332
9 Bladen	642,560	287,773	60,974	3,812,116	1,075,029	311,833	306,720	46	4,930
10 Brunswick	505,600	208,102	32,590	2,183,201	647,902	131,758	120,864	.....	3,685
11 Buncombe	408,960	419,782	157,458	13,648,274	1,235,873	580,051	462,645	96,246	12,856
12 Burke	341,760	222,882	71,540	4,868,239	795,326	441,651	330,909	95,091	9,629
13 Cabarrus	249,600	207,426	109,151	6,106,485	1,570,764	463,293	335,861	74,523	52,183
14 Caldwell	327,680	218,371	74,704	5,001,159	808,065	431,097	329,461	79,720	16,662
15 Camden	140,800	60,013	36,035	1,709,598	492,891	131,710	129,891	.....	1,819
16 Carteret	366,720	77,181	20,175	1,492,453	399,248	72,217	70,925	48	1,177
17 Caswell	267,280	263,870	103,584	3,663,158	1,322,473	350,162	250,353	84,784	14,836
18 Catawba	201,120	241,037	125,644	8,454,030	1,587,057	617,374	393,801	105,425	50,951
19 Chatham	445,440	379,632	121,588	5,621,153	1,601,602	662,013	475,405	135,059	51,250
20 Cherokee	230,560	201,625	52,174	2,182,417	470,858	260,496	244,963	7,970	1,418
21 Chowan	105,600	74,563	33,793	2,447,002	741,930	103,060	101,586	.....	1,464
22 Clay	140,800	82,605	24,585	1,126,177	230,221	135,607	123,360	8,093	409
23 Cleveland	312,320	262,888	129,870	10,158,277	2,468,262	653,048	540,084	67,123	44,964
24 Columbus	597,120	333,416	74,684	5,982,223	1,834,240	419,033	398,107	96	19,542
25 Craven	422,400	202,238	63,943	4,393,315	970,115	234,806	230,133	131	4,512
26 Cumberland	648,320	407,586	104,934	8,853,480	2,515,884	491,015	477,745	1,479	11,325
27 Currituck	180,880	87,353	38,326	2,535,408	604,395	145,603	145,159	54	480
28 Dare	241,280	7,231	1,406	210,425	42,572	11,207	10,915	.....	267
29 Davidson	304,160	331,259	147,022	6,011,928	1,760,020	780,264	407,443	322,285	51,211
30 Davie	165,120	155,579	78,355	3,832,533	1,700,209	341,980	201,834	117,253	19,009
31 Duplin	501,120	392,635	118,364	6,971,620	2,085,958	500,646	501,332	124	4,461
32 Durham	186,240	137,377	48,825	3,591,167	774,709	210,008	180,725	22,641	6,027
33 Edgecombe	323,760	283,069	149,017	8,702,084	3,246,434	343,711	318,628	5,013	25,025
34 Forsyth	240,640	221,805	101,964	8,203,133	1,440,081	621,401	351,790	235,467	31,299
35 Franklin	299,520	258,120	121,781	5,628,705	1,932,801	355,862	338,752	16,164	5,594
36 Gaston	287,440	196,651	101,696	8,028,686	1,782,924	490,731	398,559	53,263	38,276

STATISTICS, BY COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

SOUTH ATLANTIC—Continued.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
22	\$251,042	\$149,008	\$88,758	\$35,303	.....	\$578	\$221,686	\$79,075	\$112,783	\$6,645	\$23,183	\$676,380	\$92,910
23	61,897	108,165	78,945	530,347	.....	421,906	204,400	98,761	99,529	4,536	1,580	126,675	88,126
24	14,825	99,497	45,445	68,363	.....	\$2	16,241	63,185	30,955	4,228	747	43,346	34,910
25	20,363	96,350	18,694	105,507	.....	12	966	68,188	33,831	4,305	1,854	40,224	23,493
26	217,649	192,638	86,281	67,607	.....	.....	169	229,996	148,055	5,478	12,376	255,515	126,782
27	271,640	209,300	48,777	45,941	.....	1,702	489,294	244,672	154,863	4,052	85,707	307,828	112,265
28	107,008	173,028	53,668	283,594	.....	190,630	298,434	101,227	181,286	4,001	11,920	395,319	164,682
29	110,471	122,680	33,231	111,028	.....	1,872	192,438	102,909	76,287	2,919	10,223	271,574	99,745
30	121,935	56,168	39,647	38,461	.....	15	118,616	61,817	46,247	1,922	5,630	123,049	32,957
31	19,110	101,411	33,855	43,535	.....	2,551	73,339	37,427	31,112	3,909	891	67,399	39,377
32	220,980	133,031	80,182	75,341	.....	70	331,521	157,359	136,616	4,953	32,593	434,807	199,756
33	163,514	91,759	34,520	149,855	.....	88	240,220	83,729	132,459	2,519	21,513	584,922	115,646
34	32,009	87,529	70,384	47,867	.....	14	62,287	18,758	42,052	648	829	27,362	46,643
35	80,175	112,645	53,504	94,754	.....	531	133,027	52,153	62,657	6,495	11,722	158,579	66,682
36	158,450	134,210	37,065	117,838	.....	.....	310,548	211,772	69,324	190	29,322	121,629	29,345
37	121,903	57,243	20,734	40,990	.....	232	134,007	24,041	75,087	739	34,140	418,285	78,462
38	68,323	60,687	21,281	21,294	.....	3	103,942	48,633	49,458	2,024	3,817	78,574	38,899
39	182,930	105,043	25,730	156,859	.....	53	136,854	40,512	57,162	4,581	24,599	346,559	94,679
40	284,776	161,521	41,506	190,535	.....	181	368,227	155,900	185,297	6,706	20,324	356,396	168,631
41	102,830	134,613	64,356	555,895	.....	513,354	224,070	83,778	123,123	3,647	2,572	178,068	78,885
42	113,384	133,362	106,720	178,856	.....	393	180,498	80,039	86,748	6,992	5,719	117,626	61,905
43	267,528	157,007	37,774	85,081	.....	294	233,062	108,352	100,191	5,439	19,680	332,618	169,136
44	190,151	140,870	41,059	81,349	.....	312	226,459	84,232	122,134	5,790	14,363	457,469	91,352
45	248,317	210,928	103,143	157,079	.....	0,208	334,472	117,986	191,596	10,107	14,783	478,334	124,449
46	111,355	150,915	37,941	148,422	.....	973	163,897	90,739	90,799	2,552	9,816	167,091	68,619
47	118,148	97,774	44,910	33,168	.....	93	163,237	85,589	69,459	2,579	5,610	179,130	57,359
48	72,445	68,596	22,167	42,765	.....	24	77,230	30,499	38,490	1,932	6,369	66,372	28,899
49	166,424	116,407	38,719	183,007	.....	135	237,768	114,854	105,954	4,266	12,694	285,912	63,629
50	154,828	121,825	46,650	60,044	.....	841	178,793	76,755	80,252	2,777	10,099	311,250	80,494
51	52,957	209,274	72,509	371,319	.....	103,032	262,302	115,356	123,206	6,940	1,800	364,968	51,456
52	77,395	62,157	25,624	109,782	.....	91	72,080	31,170	23,092	4,530	8,288	59,700	44,928
53	194,625	127,577	45,555	47,400	.....	110	287,290	132,690	134,458	6,507	23,695	173,809	105,199
54	92,915	80,549	35,361	98,832	.....	53,767	169,729	63,749	94,850	4,468	6,662	199,512	52,094
55	222,703	215,291	77,496	95,300	.....	13,307	491,108	230,545	232,522	5,348	13,693	221,681	99,010
56	45,394	129,356	88,512	88,430	.....	935	122,223	65,709	48,326	4,231	3,957	87,202	47,927

NORTH CAROLINA.

1	\$4,781,562	\$12,585,018	\$4,488,501	\$83,186,314	\$42,066,099	\$13,847,559	\$14,222,871	\$5,789,583	\$9,064,954	\$230,586	\$107,748	\$7,269,266	\$11,317,699
2	77,771	112,877	19,713	416,170	54,539	206,172	224,904	109,418	117,877	2,723	886	94,116	125,195
3	106,718	90,904	50,599	172,934	56,389	12,429	113,829	41,275	69,304	2,873	377	60,978	72,671
4	91,785	41,987	19,850	50,628	.....	145	106,292	67,952	56,893	2,256	9,191	307,743	60,583
5	41,431	102,568	28,677	1,887,686	1,476,636	.....	150,191	69,007	79,354	1,609	221	51,893	103,119
6	142,095	105,332	45,995	104,467	.....	924	193,619	75,167	102,037	3,236	13,179	535,155	109,597
7	70,141	239,289	25,118	1,096,936	613,475	126,203	111,049	21,295	87,412	2,411	531	38,531	169,307
8	8,893	34,897	17,472	1,465,123	425,511	40,979	78,887	6,342	65,537	1,394	614	14,581	136,675
9	28,108	115,312	48,329	572,047	344,034	7,024	85,852	12,181	68,454	4,854	363	27,556	162,547
10	20,331	161,983	23,079	310,761	67,516	.....	50,817	5,492	41,981	1,469	1,955	38,187	111,696
11	133,747	166,276	129,337	226,492	.....	2,708	472,759	304,479	161,478	4,637	2,165	495,643	109,935
12	45,018	96,521	40,131	172,005	8,937	1,356	173,313	75,323	95,523	2,294	173	43,880	71,529
13	108,961	100,460	37,207	860,843	644,663	.....	187,770	80,993	104,053	2,383	341	52,592	96,165
14	49,935	112,618	61,817	153,198	1,050	2,963	166,677	67,099	95,746	3,614	218	85,316	84,883
15	6,936	118,736	1,482	234,027	160,131	.....	57,185	4,597	50,685	819	1,084	23,071	33,429
16	14,336	105,196	7,346	200,153	92,566	21,160	28,887	4,016	23,556	1,166	149	12,290	43,612
17	29,390	98,095	9,194	835,632	200	741,033	139,584	67,575	60,706	2,160	143	34,963	84,436
18	101,059	189,139	42,146	637,539	382,492	64	271,965	118,832	149,056	3,904	173	78,257	134,693
19	36,220	119,081	41,070	742,618	418,175	81,646	233,766	97,241	130,512	3,113	2,900	105,713	170,191
20	40,576	66,826	33,802	65,658	.....	.....	105,922	49,668	49,933	3,363	2,068	63,670	49,715
21	484	55,303	4,783	578,300	172,577	.....	24,820	1,214	22,910	313	383	5,654	98,211
22	18,922	29,637	22,497	32,558	.....	1,862	53,378	20,819	28,053	1,121	3,385	88,496	28,906
23	71,225	134,368	37,534	1,572,687	1,024,418	.....	275,524	121,123	148,248	6,100	53	115,419	145,924
24	39,244	257,126	356,558	762,279	361,623	99,723	99,149	11,483	83,577	2,980	1,109	47,662	147,269
25	33,314	182,428	23,270	522,288	263,710	105,532	67,002	14,358	50,676	1,808	160	17,144	39,593
26	42,177	196,892	81,834	1,703,066	1,131,812	11,624	130,681	42,656	85,496	1,680	849	43,784	154,115
27	14,148	277,571	1,040	165,343	40,858	90	39,987	3,908	35,094	256	729	12,652	19,940
28	2,065	20,491	955	7,854	100	.....	3,509	87	2,932	540	.....	23	209
29	185,408	203,460	59,565	525,311	156,556	101,448	292,539	119,212	169,789	3,054	484	137,224	199,329
30	44,465	71,591	5,258	236,915	97,971	47,885	114,076	43,603	68,776	1,409	288	48,062	78,172
31	48,557	341,729	174,223	1,014,303	412,029	263,250	128,108	26,060	97,049	3,836	1,163	117,970	271,804
32	44,522	109,897	26,026	383,506	51,989	236,317	141,721	76,520	63,445	1,654	102	30,539	66,638
33	39,319	126,175	37,965	2,694,264	1,515,234	235,709	119,896	33,754	84,293	1,170	679	30,242	162,276
34	124,590	143,940	39,777	511,867	587	340,732	200,036	132,899	124,134	2,731	222	70,545	152,259
35	23,828	151,410	44,359	1,357,342	792,127	289,138	143,076	68,538	73,262	1,102	174	87,311	141,396
36	76,365	115,249	36,773	1,063,806	791,911	.....	246,741	127,344	115,616	3,408	373	60,938	88,479

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF SOUTH ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
<b>NORTH CAROLINA—Continued.</b>									
37 Gates	229,760	136,748	51,609	\$3,161,303	\$910,623	\$148,842	\$146,045	.....	\$2,141
38 Graham	190,720	78,852	22,263	832,257	198,668	93,693	89,962	\$1,302	423
39 Granville	321,920	314,052	143,420	5,882,880	1,807,633	415,498	373,215	34,531	7,008
40 Greene	161,280	132,122	73,230	5,078,309	1,776,603	295,220	280,983	358	13,559
41 Guilford	442,240	306,828	157,124	10,447,340	1,891,344	844,017	555,575	233,557	48,465
42 Halifax	432,640	351,788	184,938	7,737,161	3,467,467	433,011	424,936	2,601	4,918
43 Harnett	380,800	245,036	70,508	4,994,373	1,615,741	408,820	395,925	4,038	8,221
44 Haywood	349,440	193,941	95,540	6,123,536	1,815,756	356,830	298,707	30,659	13,477
45 Henderson	229,120	186,676	63,116	4,074,308	583,330	251,138	227,506	8,695	2,354
46 Hertford	218,240	183,997	68,956	4,984,945	1,383,206	169,617	163,927	218	4,938
47 Hyde	394,880	85,681	37,337	2,652,934	677,607	274,848	257,426	229	16,169
48 Iredell	370,320	351,764	159,359	9,940,654	1,930,659	741,535	523,628	170,253	40,202
49 Jackson	316,100	163,160	57,819	2,828,166	592,728	247,270	222,504	19,080	3,313
50 Johnston	444,100	444,732	174,518	13,084,318	4,836,260	960,027	905,386	22,686	31,685
51 Jones	266,880	170,861	53,780	2,196,174	833,690	177,401	175,193	75	2,133
52 Lee	167,040	119,058	35,322	2,226,571	643,524	176,958	152,323	8,536	14,026
53 Lenoir	254,080	215,074	99,382	6,096,451	1,891,849	377,045	358,230	1,582	16,770
54 Lincoln	191,360	173,106	88,882	5,100,011	1,108,232	373,527	281,249	67,258	24,192
55 McDowell	283,520	174,487	45,601	2,765,310	486,801	245,283	209,805	30,490	1,067
56 Macon	328,320	205,467	65,155	2,733,461	599,412	249,883	221,682	21,261	3,100
57 Madison	270,040	250,798	113,471	4,712,552	860,787	410,622	352,050	45,912	9,986
58 Martin	280,320	207,211	78,108	4,332,510	1,554,944	228,044	221,928	138	5,963
59 Mecklenburg	382,080	318,282	178,212	15,062,157	3,364,494	548,654	451,899	21,162	75,144
60 Mitchell	237,440	174,890	75,202	3,992,289	674,075	245,180	205,180	16,799	12,193
61 Montgomery	318,720	204,012	49,380	2,687,234	772,225	267,160	196,859	43,771	24,202
62 Moore	408,960	284,596	51,792	2,827,540	758,451	283,620	228,823	33,718	17,183
63 Nash	375,040	282,534	127,078	8,507,930	3,009,182	665,694	441,076	10,982	13,496
64 New Hanover	138,240	35,727	9,675	1,144,083	281,384	34,837	32,203	90	2,544
65 Newhampton	322,560	270,442	126,269	5,767,095	2,149,191	288,115	281,294	626	5,790
66 Onslow	475,520	256,092	67,145	2,786,470	960,815	197,693	196,392	.....	1,206
67 Orange	240,000	210,820	76,980	3,293,748	1,011,103	421,195	312,302	85,802	22,671
68 Pasquotank	224,000	90,008	27,433	2,621,502	853,982	183,932	176,722	293	6,780
69 Pender	142,720	82,245	50,688	2,910,688	620,421	194,609	189,611	169	4,889
70 Perquimans	521,600	266,674	51,885	3,548,941	930,441	187,818	180,809	.....	971
71 Person	161,280	101,131	53,105	2,452,803	610,224	124,418	122,340	18	2,060
72 Person	250,240	237,681	104,834	4,123,085	1,525,966	367,910	308,054	50,801	8,924
73 Pitt	401,280	343,474	149,046	11,014,576	3,627,083	626,152	586,388	909	38,735
74 Polk	160,640	111,652	31,273	2,335,508	432,438	152,618	144,280	3,875	2,877
75 Randolph	513,020	433,040	144,612	7,827,599	1,588,628	938,264	562,253	314,869	55,294
76 Richmond	333,440	175,588	56,354	3,490,137	1,445,034	242,316	207,040	4,978	29,168
77 Robeson	672,040	473,923	217,451	18,452,284	7,067,628	1,111,783	1,040,095	1,466	67,951
78 Rockingham	370,500	328,515	125,119	6,050,152	1,834,525	591,558	410,667	150,293	24,938
79 Rowan	312,960	289,130	143,001	8,203,422	2,002,724	736,204	502,451	205,304	76,976
80 Rutherford	348,160	275,094	101,100	6,787,073	1,384,555	517,325	400,297	36,038	17,778
81 Sampson	590,080	401,669	151,485	9,874,250	2,785,409	777,214	766,516	2,016	7,693
82 Scotland	223,360	124,873	62,746	7,163,109	2,637,643	306,460	286,986	831	17,016
83 Stokes	266,240	221,769	87,409	4,604,478	1,218,887	512,797	429,848	129,575	50,387
84 Surry	307,200	274,209	107,693	5,620,987	1,972,066	510,100	335,382	100,273	12,045
85 Swain	332,800	302,013	120,223	6,515,470	1,581,083	637,267	481,477	122,024	10,263
86 Surry	353,920	127,138	33,647	1,550,046	409,432	181,386	167,649	8,041	3,428
87 Transylvania	242,560	107,910	29,208	2,164,520	306,142	138,717	126,282	1,163	218
88 Tyrrell	249,600	56,375	22,267	1,122,719	296,965	93,908	91,911	.....	2,072
89 Union	361,600	359,656	151,396	8,767,719	2,779,426	638,810	517,096	38,081	83,202
90 Vance	178,560	156,736	73,033	3,723,327	1,281,358	217,054	205,235	8,908	2,885
91 Wake	540,800	481,022	191,804	11,982,984	4,095,229	726,345	670,517	27,545	28,129
92 Warron	272,000	212,301	89,986	4,433,868	1,719,940	322,630	301,805	12,659	7,849
93 Washington	200,280	84,344	33,970	2,053,070	571,232	125,434	121,157	167	4,056
94 Watauga	218,880	232,260	107,755	4,924,900	565,990	258,739	209,426	5,490	5,628
95 Wayne	303,600	322,142	154,344	11,270,857	3,470,103	631,740	603,440	4,007	23,529
96 Wilkes	470,400	411,230	148,672	6,736,478	1,187,104	727,158	567,840	119,388	7,779
97 Wilson	245,760	197,203	98,794	8,144,264	422,131	393,161	332,100	3,745	24,833
98 Yadkin	207,360	208,201	84,641	4,857,774	492,248	492,428	330,633	141,404	14,536
99 Yancey	190,720	164,940	65,891	3,845,786	595,993	306,274	272,227	24,469	6,211

SOUTH CAROLINA.

1	The state	19,516,800	13,512,028	6,097,999	\$392,128,314	\$141,983,354	\$25,434,539	\$20,682,632	\$385,835	\$3,809,345
2	Abbeville	433,920	378,244	185,638	9,515,415	3,546,075	444,072	339,393	7,528	97,012
3	Aiken	704,000	458,531	223,149	4,440,920	1,640,920	753,146	664,627	4,473	80,763
4	Anderson	485,120	444,606	280,546	24,243,245	6,096,039	903,766	682,308	46,284	193,942
5	Bamberg	237,440	192,451	111,019	5,203,500	2,466,194	467,477	391,755	.....	72,780
6	Barnwell	599,600	408,697	260,596	9,527,351	5,061,679	853,249	792,255	395	118,640
7	Beaufort	588,800	188,914	88,177	3,653,292	1,686,693	530,367	334,184	.....	10,109
8	Berkeley	702,320	348,516	87,170	4,849,721	1,885,073	422,712	382,100	.....	24,096
9	Calhoun	250,240	176,414	90,078	5,326,727	2,490,477	495,239	382,127	1,380	111,524
10	Charleston	438,400	177,656	66,492	5,361,342	2,033,268	218,173	202,804	.....	5,930
11	Cherokee	238,720	219,066	98,532	6,388,626	1,957,546	402,081	359,863	21,663	20,538



STATISTICS, BY COUNTIES.

783

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

SOUTH ATLANTIC—Continued.

VALUE: 1909—continued.													
County	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
				Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
37	\$1,053	\$79,814	\$11,708	\$608,300	\$170,215		\$65,835	\$10,122	\$53,963	\$1,093	\$657	\$27,681	\$136,686
38	14,706	34,038	31,753	23,578		657	30,040	13,620	13,950	1,184	1,886	19,141	22,224
39	42,823	135,807	35,273	1,178,227	90,402	912,114	191,461	94,121	95,636	1,404	300	56,215	142,528
40	25,413	83,016	26,149	1,340,205	538,793	615,443	82,712	13,578	68,026	1,091	17	20,564	94,574
41	180,612	218,533	36,479	611,703	25,923	280,222	433,216	219,235	209,640	3,674	667	121,019	173,916
42	25,621	153,330	56,090	2,799,406	1,543,236	83,592	126,841	33,537	92,439	540	325	32,569	139,309
43	15,402	167,714	40,208	983,588	690,657	15,589	106,952	41,833	63,548	1,178	393	42,588	186,847
44	78,145	81,876	129,310	109,586		855	169,427	85,421	76,234	3,266	5,506	378,793	74,859
45	33,507	116,543	36,047	146,095		264	155,180	87,102	66,194	1,147	737	69,473	59,054
46	7,237	69,700	21,619	1,116,033	201,718	11,317	65,450	10,829	53,334	793	494	28,474	148,990
47	16,050	18,296	3,832	364,041	259,904		60,750	14,777	43,130	1,864	979	14,144	54,748
48	123,960	126,135	34,379	904,060	615,297	8,140	289,570	124,185	160,269	4,627	489	104,337	185,482
49	66,471	99,219	76,265	103,503		1,311	117,367	63,613	46,042	2,324	5,388	123,973	69,874
50	46,910	381,006	140,048	3,307,069	2,091,903	331,429	242,727	63,965	174,596	3,730	436	95,873	409,312
51	20,443	49,554	14,311	571,981	320,525	88,332	36,760	7,797	26,584	1,906	478	19,695	87,110
52	15,507	55,997	20,000	374,333	252,941	1,761	79,941	37,951	41,177	674	139	22,776	54,690
53	62,362	138,409	33,733	1,200,300	506,178	545,338	97,237	25,838	60,720	1,440	229	26,255	127,916
54	62,552	90,559	28,995	562,092	386,301		182,896	66,038	84,061	2,682	85	56,739	98,297
55	16,513	63,414	41,264	120,327	452		98,840	51,061	44,456	2,856	467	38,781	49,432
56	55,715	63,420	58,365	82,029		2,032	100,513	57,683	37,180	2,282	3,368	160,934	96,633
57	77,411	93,835	85,848	202,071	14	27,034	214,257	102,973	100,948	6,544	3,792	239,272	97,643
58	23,062	100,441	17,755	1,185,042	383,204	142,059	68,200	7,703	55,700	4,459	338	17,568	156,572
59	156,541	107,721	63,383	2,398,195	1,844,540		423,724	272,795	147,244	3,371	314	88,174	136,656
60	115,525	99,705	72,326	109,602		1,077	139,957	71,991	61,480	2,686	3,800	139,566	83,932
61	29,531	72,775	21,408	381,342	240,393	147	97,236	44,565	50,210	2,288	173	63,550	67,895
62	31,688	85,492	136,171	221,471	101,265	1,118	121,356	59,247	59,802	1,361	946	33,249	98,524
63	25,820	244,009	65,727	2,294,932	1,063,132	643,465	183,658	63,696	127,664	2,190	168	24,561	249,802
64	24,739	163,030	6,832	62,446	4,438		70	36,874	16,645	172		26,558	14,135
65	10,235	114,003	31,245	1,705,593	740,587	20	99,102	24,546	73,742	606	268	10,296	201,733
66	23,984	110,420	25,651	603,187	216,258	77,517	40,485	5,798	40,162	2,208	1,317	19,614	128,692
67	41,434	74,946	30,128	443,400	87,693	234,659	150,952	64,515	84,678	1,260	499	42,572	95,921
68	31,698	112,460	4,324	521,661	350,183		55,140	11,497	41,865	1,502	276	13,382	67,313
69	20,330	108,534	3,365	288,523	211,699		70,603	10,719	58,301	366	1,217	19,922	33,121
70	33,339	155,620	78,525	476,139	86,288	1,167	67,957	12,783	52,591	1,534	1,049	23,822	124,471
71	8,944	47,494	4,717	424,651	265,917		60,866	53,857	5,202	773	1,034	23,736	96,433
72	35,784	104,399	17,308	1,000,556		881,670	148,011	72,724	73,160	1,929	198	33,345	111,247
73	69,517	220,079	35,043	2,677,292	1,178,076	1,025,995	143,850	19,351	122,253	2,065	181	37,406	203,550
74	8,648	68,555	34,103	178,514	104,090		269	65,472	30,782	2,486	268	20,602	20,602
75	87,371	168,330	49,025	345,333	48,767	4,553	308,567	127,241	174,360	5,268	1,698	133,766	186,878
76	32,690	86,006	13,808	1,070,214	832,320		82,018	36,181	45,034	800	3	18,321	42,185
77	79,020	342,200	83,787	5,450,148	4,094,685	805,405	199,481	40,427	154,913	4,082	109	50,194	242,405
78	69,908	164,848	10,879	997,334		859,330	268,565	131,568	181,367	5,163	477	145,234	145,234
79	178,528	192,005	63,891	782,096	522,224		305,022	137,058	165,123	2,455	356	66,548	170,822
80	12,055	131,282	49,215	674,578	443,526	493	205,850	96,432	104,011	5,215	192	66,382	118,824
81	32,134	283,381	93,678	1,599,102	985,790	61,299	180,879	42,626	134,027	3,720	506	99,213	341,098
82	31,012	156,110	8,052	2,185,409	1,746,425	41	60,196	19,634	40,067	475	20	25,834	59,156
83	28,514	54,635	23,825	599,116	409,747		140,570	51,770	86,139	2,510	151	37,939	87,351
84	64,611	148,367	42,737	907,190	10	782,298	201,115	85,946	111,429	3,566	174	66,290	150,596
85	46,061	185,775	51,469	710,511		581,429	217,665	95,480	118,283	3,535	367	162,276	140,631
86	27,970	69,468	35,588	105,020		331	88,294	49,448	36,544	1,540	762	44,869	42,369
87	21,871	41,439	23,025	80,190		1,083	83,850	28,012	23,263	715	1,869	87,318	32,128
88	11,427	72,108	1,623	117,809	46,277		40,954	2,611	26,153	1,516	674	33,126	29,320
89	52,453	144,076	20,659	1,923,428	1,444,094		251,118	113,340	134,257	3,193	323	72,452	127,322
90	38,459	115,409	37,269	875,187	501,945		115,343	64,233	50,500	354	226	30,965	74,967
91	79,872	305,212	107,741	2,376,059	1,638,234	575,470	401,591	210,458	187,616	3,391	126	84,864	240,923
92	30,047	146,856	85,638	1,134,769	631,504	155,209	113,506	42,341	69,378	1,313	474	39,942	101,441
93	20,416	43,414	11,196	370,772	114,486	215	56,547	12,554	42,708	806	419	13,834	56,145
94	107,885	83,863	28,793	87,210		839	116,595	54,522	49,598	3,124	9,341	262,244	73,539
95	53,552	288,761	163,594	2,351,456	1,580,347	259,611	165,511	46,620	116,504	2,290	97	38,333	201,078
96	34,681	154,634	81,414	189,267	483	10,751	298,906	105,112	185,468	7,301	1,025	153,665	153,661
97	13,031	137,475	68,990	2,194,708	1,174,024	634,999	129,917	15,066	113,440	1,399	22	11,396	161,542
98	39,580	78,742	17,842	289,994	1,456	195,691	136,088	42,977	89,805	3,140	166	63,345	105,873
99	87,593	74,144	71,998	85,984	300	1,895	95,498	39,226	51,073	2,600	2,599	162,277	88,763

SOUTH CAROLINA.

1	\$3,189,122	\$6,922,021	\$1,234,916	\$105,202,756	\$80,337,945	\$2,123,576	\$7,069,861	\$2,800,605	\$4,177,611	\$78,936	\$12,709	\$2,430,169	\$4,369,448
2	104,486	120,023	23,794	2,843,700	2,298,239	53	237,306	115,657	118,982	2,546	141	51,755	95,066
3	136,526	157,238	23,245	3,370,765	2,611,967		199,330	79,345	118,261	1,654	100	61,872	124,751
4	203,000	275,270	48,722	4,665,281	3,712,847	94	511,895	260,462	244,914	6,446	83	147,363	188,779
5	33,636	71,631	9,610	1,893,840	1,444,149		83,848	17,090	66,060	723		13,174	82,165
6	64,662	263,939	8,498	3,851,331	3,024,954	1,653	92,337	20,889	70,491	949	8	46,662	101,517
7	26,002	343,391	9,017	777,916	599,839	17	78,000	4,032	73,315	466	187	15,656	16,738
8	27,479	38,085	14,608	1,312,09									

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF SOUTH ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
					Total.	Corn.	Wheat.	Oats.		
<b>SOUTH CAROLINA—Continued.</b>										
12 Chester	378,880	312,751	156,133	\$6,749,950	\$2,433,306	\$367,379	\$304,750	\$3,303	\$50,227	
13 Chesterfield	535,680	371,699	100,200	6,494,023	3,107,564	503,711	443,728	1,168	58,637	
14 Clarendon	458,880	255,936	145,030	9,219,124	4,114,107	755,524	638,533	252	116,005	
15 Colleton	853,120	471,013	150,497	7,850,478	3,284,485	1,008,876	707,735		69,724	
16 Darlington	387,200	255,433	144,613	11,792,522	5,226,910	882,093	740,903	951	138,498	
17 Dillon	301,440	175,476	90,796	10,333,050	4,206,906	568,720	459,500	80	100,033	
18 Dorchester	392,320	196,291	65,702	3,621,145	1,395,249	311,286	278,734		30,322	
19 Edgefield	448,000	296,357	102,208	8,549,432	3,323,855	582,804	402,775	5,206	174,578	
20 Fairfield	506,880	307,885	180,949	6,361,190	2,680,810	379,744	320,921	1,623	57,162	
21 Florence	388,480	304,209	128,269	11,401,794	4,231,574	721,148	580,029	1,109	138,384	
22 Georgetown	520,920	220,873	23,373	2,033,136	573,955	106,630	120,660		12,747	
23 Greenville	487,040	415,795	195,806	18,508,419	3,740,410	700,621	639,629	39,021	80,371	
24 Greenwood	325,120	238,494	150,494	9,443,314	3,323,855	504,482	373,128	6,212	123,924	
25 Hampton	613,120	398,254	159,603	6,439,274	2,845,767	745,874	660,452		70,353	
26 Horry	741,120	427,322	88,249	5,713,065	2,038,067	477,558	455,104		20,830	
27 Kershaw	430,720	315,513	115,073	4,883,495	2,678,067	435,022	373,370	918	60,680	
28 Lancaster	329,600	273,456	126,677	6,000,999	2,608,575	423,597	349,607	4,368	69,602	
29 Laurens	441,600	380,363	197,700	11,454,755	3,824,299	512,037	403,172	20,132	87,687	
30 Lee	260,480	219,178	122,136	11,467,307	4,216,466	650,072	511,610	139	138,392	
31 Lexington	533,120	451,720	158,760	10,744,463	3,241,787	722,294	557,640	29,743	133,185	
32 Marion	338,560	201,159	79,285	5,773,777	2,580,252	401,046	334,902	12	60,708	
33 Marlboro	332,100	230,352	127,074	15,831,300	6,390,074	752,216	647,278	633	104,254	
34 McCormick	384,640	316,355	154,116	8,750,476	3,133,830	405,759	338,673	19,141	106,741	
35 Oconee	416,000	337,878	165,920	7,254,811	1,972,370	482,220	415,746	16,889	48,387	
36 Orangeburg	723,840	527,361	289,400	17,531,673	7,457,227	1,344,345	1,103,686	3,254	221,054	
37 Pickens	338,560	250,143	106,271	9,541,255	1,806,349	461,476	380,134	33,683	37,613	
38 Richland	391,040	297,561	99,055	6,427,793	2,670,422	433,414	350,274	2,122	72,008	
39 Saluda	278,400	254,240	127,609	8,348,441	2,970,907	678,838	383,477	20,843	174,496	
40 Spartanburg	489,600	445,277	242,491	21,772,300	4,925,019	1,007,129	852,987	66,507	86,740	
41 Sumter	307,360	268,400	149,803	10,495,136	3,640,044	726,921	543,609	2,863	179,619	
42 Union	314,880	251,316	111,081	4,862,805	1,922,183	317,762	277,712	3,090	55,784	
43 Williamsburg	643,840	415,912	156,600	9,544,223	4,252,895	760,021	684,522	82	83,729	
44 York	410,640	380,777	106,453	11,900,790	4,066,666	674,880	546,937	10,775	108,136	

GEORGIA.

1 The state	37,564,000	26,953,413	12,298,017	\$580,546,381	\$226,595,436	\$42,405,019	\$37,079,981	\$871,494	\$4,236,625
2 Appling	386,560	280,985	53,074	2,928,045	1,040,572	270,245	264,439		14,458
3 Baker	228,480	122,894	78,146	1,745,184	637,422	186,207	164,613		21,694
4 Baldwin	196,480	149,533	81,058	2,432,057	1,184,938	180,000	168,307	215	17,717
5 Banks	142,080	129,890	62,792	3,571,228	1,174,175	194,567	100,744	11,324	22,262
6 Bartow	301,440	220,842	120,087	5,609,474	1,740,639	322,074	260,224	22,062	39,899
7 Ben Hill	163,840	129,070	40,263	2,904,182	881,517	156,848	132,040	608	23,476
8 Berrien	470,400	367,807	90,803	5,587,696	2,152,069	453,785	411,490		41,705
9 Bibb	177,280	125,832	71,955	4,734,230	1,507,846	200,302	202,970	4,026	57,933
10 Brooks	328,960	282,100	121,377	6,288,794	2,201,952	488,316	397,597		86,968
11 Bryan	276,840	182,204	107,815	1,313,009	407,861	127,570	110,560		6,879
12 Bulloch	567,680	425,502	146,177	12,700,250	3,817,083	725,732	680,094	24	36,580
13 Burke	611,840	354,712	238,767	6,992,687	4,187,316	633,574	615,212	1,122	16,810
14 Butts	129,920	107,937	71,258	4,094,722	1,580,801	223,112	182,739	16,801	24,385
15 Calhoun	181,760	111,397	71,263	2,293,495	1,231,821	240,043	217,419		22,604
16 Camden	455,040	195,379	13,559	1,604,748	275,596	90,984	57,992		2,956
17 Campbell	136,320	115,648	58,293	3,009,703	1,019,582	147,341	125,214	4,680	17,282
18 Carroll	314,880	280,468	163,758	8,643,457	3,194,685	580,510	481,610	30,241	62,609
19 Catoosa	108,160	86,984	45,766	1,834,389	630,940	108,792	93,294	8,068	7,289
20 Chatahoochee	579,200	116,008	10,740	740,169	174,425	56,000	52,581		3,416
21 Chatham	236,800	49,250	12,402	1,833,123	382,117	80,800	54,037		3,706
22 Chatahoochee	130,520	118,814	45,586	1,327,410	659,081	127,763	114,787		12,808
23 Chatahoochee	209,920	154,662	72,658	3,117,634	988,623	240,506	222,320	4,805	13,690
24 Cherokee	274,560	209,823	78,179	3,458,574	1,284,572	372,034	338,315	15,973	18,139
25 Clarke	72,960	67,152	44,788	3,645,013	1,030,684	137,765	103,378	7,342	20,793
26 Clay	129,920	106,068	69,853	2,177,349	1,152,868	193,849	178,011		15,858
27 Clayton	90,880	87,658	52,649	3,943,400	1,103,271	142,805	114,457	8,281	20,040
28 Clinch	615,040	220,212	23,324	1,451,197	463,697	131,539	125,162		5,978
29 Cobb	226,920	194,319	104,172	6,400,440	2,019,807	418,791	352,127	30,820	35,631
30 Coffee	576,040	417,272	88,552	5,301,189	1,746,347	418,144	381,047	203	54,794
31 Colquitt	338,560	244,079	84,739	5,389,486	1,002,813	431,170	373,717	25	56,700
32 Columbia	224,000	136,690	82,183	2,744,940	1,571,237	224,012	191,157	2,206	31,453
33 Coweta	300,800	243,935	154,245	7,596,578	3,009,431	340,308	284,350	5,791	60,137
34 Crawford	204,160	163,568	70,064	2,143,346	1,119,074	206,149	174,850	1,667	29,632
35 Crisp	177,280	132,610	73,122	3,791,372	1,861,974	327,734	278,266	922	47,662
36 Dade	119,040	61,063	19,342	828,593	193,070	65,823	84,257	3,955	7,960

STATISTICS, BY COUNTIES.

185

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

SOUTH ATLANTIC—Continued.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
12	\$51,022	\$123,096	\$34,959	\$1,856,940	\$1,423,720		\$179,414	\$90,587	\$87,032	\$1,423	\$372	\$62,313	\$94,431
13	26,599	140,915	47,651	2,382,688	1,780,498	\$19,576	136,525	52,375	82,685	1,407	58	55,919	121,803
14	112,344	130,598	20,379	3,089,323	2,337,559	166,440	100,934	19,187	80,677	967	103	41,424	84,458
15	59,282	380,560	15,392	1,820,369	1,251,216	24	102,111	14,998	84,686	1,563	864	80,936	162,026
16	94,130	150,800	39,544	4,054,343	2,936,921	382,441	172,813	46,221	125,431	925	236	50,333	134,275
17	38,996	116,217	12,796	3,560,228	2,708,071	234,654	87,199	18,358	68,217	623	1	13,049	83,861
18	15,530	58,360	3,875	1,006,186	777,760		41,062	5,952	34,474	489	147	24,604	53,744
19	81,028	96,165	27,045	2,536,813	2,022,765		193,086	79,930	110,000	1,408	848	56,659	109,782
20	66,138	139,734	36,885	2,067,309	1,602,432		160,647	64,732	94,621	1,169	125	119,842	87,429
21	76,292	171,858	32,813	3,229,463	2,264,881	398,662	150,638	38,350	111,039	1,002	247	63,696	139,286
22	31,594	68,020	4,023	302,770	159,626	5,027	30,162	7,433	20,767	716	1,266	8,766	19,692
23	133,658	245,976	71,389	2,528,766	1,919,443	381	460,500	242,592	210,938	6,789	181	155,109	188,318
24	123,027	128,034	23,786	2,400,354	1,896,927	21	200,397	97,795	100,883	1,393	326	77,954	80,623
25	49,041	137,863	9,564	1,903,425	1,420,909		103,488	19,779	82,858	773	78	40,585	194,760
26	37,622	229,195	93,534	1,200,768	585,234	316,295	77,560	6,895	66,957	2,482	1,226	28,237	193,225
27	60,083	134,535	19,445	2,028,982	1,565,748		89,637	35,262	53,015	1,184	176	29,942	72,766
28	35,821	105,700	26,022	2,016,835	1,567,917		152,462	67,757	82,300	2,269	136	46,912	76,255
29	125,382	138,740	24,223	3,023,917	2,392,090	82	271,847	129,797	139,166	2,490	424	58,311	97,483
30	55,282	132,780	25,174	3,352,558	2,601,378	12,736	90,342	18,502	70,913	397	30	24,550	84,386
31	128,592	234,554	37,014	2,119,333	1,468,855		207,734	52,281	151,365	3,893	255	101,584	152,351
32	48,141	99,777	8,773	2,030,915	1,376,775	261,820	61,079	12,178	47,950	598	53	23,438	69,844
33	42,889	137,451	30,980	5,427,429	4,355,686	604	143,249	32,357	109,856	1,069	27	63,539	114,576
34	83,378	128,658	28,980	2,427,055	1,867,117		155,137	57,903	95,457	1,364	413	38,851	97,680
35	41,850	137,733	37,345	1,273,222	991,960	603	204,084	113,486	87,669	2,567	362	95,390	116,268
36	186,491	212,853	30,718	5,082,820	4,377,073		173,220	38,889	131,595	2,458	278	184,533	262,420
37	24,517	116,089	53,489	1,209,878	918,986	219	203,059	96,137	104,213	2,496	213	36,949	94,599
38	100,354	100,082	19,278	1,426,299	1,111,084		128,207	67,571	59,843	759	34	41,667	32,365
39	56,092	121,935	35,946	2,178,096	1,709,335	4	185,512	77,313	116,519	1,513	167	51,863	116,238
40	126,927	204,300	31,289	8,555,974	2,766,613	91	479,131	244,724	226,198	8,066	143	122,094	219,297
41	105,360	158,499	27,108	2,622,147	2,049,991	29,661	127,002	32,665	93,811	438	88	17,353	73,067
42	47,978	111,795	22,882	1,421,826	1,102,494		170,345	89,804	85,198	1,215	218	26,988	45,413
43	77,806	196,590	47,287	3,161,591	2,257,630	293,218	127,729	20,864	105,027	1,157	681	45,012	138,249
44	119,612	186,464	61,170	3,074,540	2,421,961		302,535	159,512	138,993	3,817	278	83,287	149,560

GEORGIA.

1	\$4,056,907	\$10,614,801	\$3,254,868	\$166,264,041	\$126,695,612	\$297,187	\$13,885,650	\$6,621,585	\$7,077,449	\$101,868	\$94,728	\$5,459,350	\$10,410,370
2	13,331	64,373	6,222	677,401	445,940	15	43,263	9,129	32,631	586	617	24,573	165,866
3	5,200	30,840	560	614,015	400,789	20	18,825	4,187	14,627	11		8,494	20,730
4	19,454	38,080	23,527	916,977	721,751		60,706	26,262	34,339	89	16	5,950	18,997
5	23,244	48,659	13,375	894,330	709,299	117	97,923	46,638	50,126	1,072	87	42,621	49,662
6	44,629	52,392	41,485	1,288,359	1,038,329	15	162,770	84,832	78,941	801	196	59,984	61,002
7	23,744	43,391	8,899	603,065	455,523		60,925	30,882	28,645	568	382	33,367	69,315
8	14,678	127,786	6,816	1,549,004	1,053,729	10	79,049	19,542	54,519	1,260	3,728	34,717	167,295
9	69,787	152,976	20,893	797,888	610,026		148,965	115,706	32,759	491	9	55,720	58,265
10	42,573	133,040	12,148	1,525,875	885,404	10	110,735	34,077	74,944	1,070	644	57,817	277,152
11	6,112	32,480	7,081	234,618	116,263		33,651	4,494	27,803	554	800	21,002	37,789
12	26,658	125,527	23,563	2,910,503	2,289,578		186,214	45,560	137,690	1,349	1,615	38,014	285,497
13	53,947	71,781	2,208	3,425,806	2,757,592		93,986	33,777	59,087	1,072	50	18,950	101,614
14	38,009	54,045	17,359	1,247,676	1,012,954		102,710	59,104	42,978	625	3	16,311	59,299
15	6,927	28,098	22	956,731	766,370		38,667	18,594	24,833	240		4,698	27,628
16	5,470	47,089	12,346	110,107	3,919		21,611	1,974	17,989	594	1,054	9,170	20,559
17	38,802	58,849	9,759	764,831	609,820		133,543	78,450	54,453	592	48	30,945	47,836
18	66,009	187,934	57,890	2,322,330	1,734,714	324	309,329	156,435	150,981	1,800	113	119,678	114,290
19	62,490	82,594	39,562	137,502	90,959	8	81,918	47,831	33,439	260	388	28,443	22,878
20	2,205	46,306	6,195	63,710	11,051		22,430	3,289	17,692	236	1,219	12,639	35,638
21	22,079	185,529	4,864	88,749	6,621		65,817	50,722	14,904	163	28	5,362	3,344
22	7,621	22,420	2,979	498,298	389,734		31,270	14,591	16,317	341	21	11,690	23,590
23	21,755	50,882	52,304	623,176	465,661	112	111,265	55,953	54,297	497	608	58,494	50,374
24	11,284	63,531	25,008	811,515	588,450	1,110	159,694	72,907	85,313	1,868	109	685,884	73,465
25	66,242	63,358	13,155	760,164	597,927		98,523	63,631	34,400	543	49	31,283	29,557
26	2,921	10,793	218	945,087	769,003		25,158	9,908	15,182	68		6,373	19,544
27	33,926	87,491	11,303	827,740	670,003		106,756	67,831	38,478	452		23,819	35,113
28	412	44,558	1,354	225,834	140,501		24,197	2,478	21,166	501	52	12,378	63,592
29	79,493	202,819	43,473	1,275,231	974,582	31	290,342	151,184	137,897	1,146	7,704	71,944	88,880
30	18,071	98,804	2,799	1,208,529	862,316	219	81,624	15,347	57,822	751		23,779	173,969
31	12,079	105,794	5,128	1,348,642	916,894	162	92,204	31,964	50,530	908	2,892	38,224	156,401
32	22,488	70,678	18,069	1,235,090	1,014,714	45	70,638	33,612	36,489	469	88	13,104	29,496
33	54,306	105,151	28,254	2,481,412	2,028,010	2	187,529	102,006	84,659	860	4	45,923	79,491
34	10,639	58,971	93,294	750,018	550,129	2	62,719	29,370	32,776	579		21,026	37,622
35	12,180	54,101	1,021	1,466,938	1,089,130		69,151	20,756	37,638	408	51	15,881	84,677
36	29,318	31,073	12,341	24,515	2,167	133	38,057	18,970	18,076	441	571	57,974	16,535

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF SOUTH ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>GEORGIA—Continued.</b>										
37 Dawson.....	138,240	98,345	33,872	\$1,191,122	\$427,731	\$178,882	\$106,098	\$8,097	\$3,515	
38 Decatur.....	526,720	399,874	130,035	7,010,573	1,025,127	550,468	488,930	75	61,346	
39 DeKalb.....	174,080	143,241	72,046	7,420,754	1,517,574	305,161	250,096	20,676	33,384	
40 Dodge.....	275,840	246,424	136,754	5,190,313	2,561,390	496,484	475,317	.....	21,167	
41 Doyle.....	254,080	206,036	132,115	5,036,573	3,424,887	601,830	470,330	4,881	120,565	
42 Dougherty.....	218,880	134,235	88,821	2,082,207	1,172,796	161,713	135,740	.....	25,836	
43 Douglas.....	133,120	107,134	54,326	2,277,705	880,508	163,201	147,020	5,420	10,152	
44 Early.....	335,360	191,327	111,114	3,820,345	1,957,553	384,031	348,640	.....	35,977	
45 Echols.....	231,680	121,036	17,607	658,759	658,759	51,263	49,476	.....	1,777	
46 Effingham.....	286,720	217,487	34,910	2,064,597	774,707	222,827	212,804	.....	8,878	
47 Elbert.....	231,040	199,366	100,025	6,020,895	2,025,392	287,592	242,155	8,898	36,245	
48 Emanuel.....	508,400	385,234	143,002	8,763,307	3,136,977	670,229	634,071	2,840	38,337	
49 Evans.....	256,640	187,729	44,020	1,400,328	415,012	197,082	181,817	4,097	4,302	
50 Fayette.....	149,760	141,998	66,405	4,428,773	1,494,069	201,078	178,763	4,520	18,350	
51 Floyd.....	321,280	252,146	121,382	5,905,265	1,892,827	324,643	284,407	5,719	34,215	
52 Forsyth.....	158,080	146,484	66,824	3,428,931	1,252,111	321,422	284,056	21,005	16,238	
53 Franklin.....	178,560	147,020	85,887	6,381,110	1,900,530	309,013	246,256	27,504	35,112	
54 Fulton.....	117,120	59,419	27,444	5,922,856	625,184	105,635	91,981	4,308	8,958	
55 Gilmer.....	281,600	197,139	43,807	1,473,535	308,687	211,050	204,284	2,106	540	
56 Glascock.....	108,800	66,529	30,246	951,024	519,542	118,580	110,940	2,157	5,489	
57 Glynn.....	280,660	62,783	4,182	474,331	103,738	45,886	20,193	.....	449	
58 Gordon.....	240,000	198,253	101,067	4,320,161	1,337,021	357,240	291,830	20,134	38,291	
59 Grady.....	284,100	232,545	94,571	4,234,245	1,530,860	374,113	351,092	.....	23,013	
60 Hancock.....	206,240	202,225	106,466	5,192,422	1,889,358	246,877	220,246	6,734	19,691	
61 Gwinnett.....	314,240	285,548	159,334	8,320,200	2,702,494	549,803	490,429	29,843	21,701	
62 Habersham.....	185,600	131,426	40,818	2,361,655	365,044	162,350	153,077	4,324	2,991	
63 Hall.....	279,680	240,455	99,940	5,537,815	1,570,812	407,304	304,104	20,016	13,807	
64 Hancock.....	339,200	253,508	135,224	4,481,112	2,325,022	341,346	307,890	1,022	32,362	
65 Hardeeville.....	181,760	148,852	59,645	2,694,151	857,872	178,441	161,079	5,054	11,309	
66 Harris.....	320,640	244,504	118,006	4,467,177	2,079,270	302,715	263,079	2,161	47,451	
67 Hart.....	167,040	147,355	84,125	0,161,375	1,861,380	273,208	214,818	23,244	35,066	
68 Heard.....	165,120	161,812	85,327	2,984,200	1,493,850	270,377	235,188	5,697	29,473	
69 Henry.....	207,360	192,009	115,250	0,373,486	2,594,035	388,450	318,646	29,155	40,620	
70 Houston.....	374,400	290,578	187,788	7,795,958	3,708,413	724,023	581,186	18,715	122,388	
71 Irwin.....	241,920	188,394	54,020	4,992,304	1,433,297	230,167	194,053	.....	35,389	
72 Jasper.....	277,120	255,701	158,312	11,402,895	3,592,100	451,487	355,713	45,287	50,407	
73 Jackson.....	205,440	179,815	111,596	4,545,598	2,414,033	240,004	215,002	7,103	17,360	
74 Jeff Davis.....	192,000	160,890	23,976	1,754,854	531,845	129,830	118,700	99	10,897	
75 John Dayson.....	400,800	261,466	169,599	5,914,943	2,953,011	603,024	510,448	9,248	43,172	
76 Jenkins.....	218,880	162,319	78,727	3,190,880	1,321,267	249,164	239,194	37	9,593	
77 Johnson.....	186,880	144,163	84,742	2,946,404	1,526,501	305,740	279,501	597	25,537	
78 Jones.....	241,280	210,193	108,872	3,358,244	1,810,343	272,028	253,841	610	17,526	
79 Laurens.....	515,840	410,774	233,604	9,599,674	4,314,518	835,447	767,304	198	67,815	
80 Lee.....	268,640	183,627	119,698	0,500,014	2,302,660	382,878	330,411	.....	52,331	
81 Liberty.....	599,040	231,529	39,802	2,576,167	600,204	200,885	222,953	30	10,961	
82 Lincoln.....	180,240	134,598	50,054	2,674,352	1,175,345	203,184	160,226	1,670	35,283	
83 Lowndes.....	308,480	284,224	160,406	5,081,634	1,673,736	346,320	312,408	65	32,841	
84 Lumpkin.....	179,200	99,249	25,645	787,987	231,219	124,873	120,056	1,906	2,599	
85 McDuffie.....	183,680	117,392	62,001	1,098,123	1,072,570	173,069	151,048	1,797	20,221	
86 McIntosh.....	300,800	81,540	3,952	491,211	113,083	46,721	26,759	.....	791	
87 Macon.....	230,160	198,655	113,079	3,632,521	2,105,124	380,145	320,321	737	59,073	
88 Madison.....	181,760	150,423	87,674	5,351,659	1,844,780	276,146	217,424	27,165	31,610	
89 Marion.....	230,400	186,483	89,825	1,783,736	1,064,065	242,948	220,181	639	19,258	
90 Milledgeville.....	317,440	265,206	168,228	7,595,068	3,242,893	427,782	372,262	6,797	48,588	
91 Miller.....	161,920	109,020	48,334	1,498,438	594,317	174,387	163,540	.....	10,847	
92 Milton.....	92,800	81,643	44,069	2,314,491	842,981	188,793	168,871	13,544	6,168	
93 Mitchell.....	350,720	278,193	162,147	6,372,576	2,690,357	529,587	478,309	47,748	690	
94 Monroe.....	373,760	264,460	142,425	5,359,951	2,415,000	409,092	334,932	12,337	61,121	
95 Montgomery.....	378,240	298,197	110,954	6,405,735	2,463,520	553,806	515,305	838	37,980	
96 Morgan.....	249,600	182,255	123,897	5,908,285	2,709,636	265,713	237,076	3,893	25,691	
97 Murray.....	218,880	159,176	57,207	2,009,133	706,638	203,637	182,247	16,811	4,188	
98 Muscogee.....	150,400	106,954	53,510	5,351,637	783,429	134,847	114,634	.....	20,194	
99 Newton.....	167,680	152,216	102,169	5,025,957	1,972,851	226,370	178,583	10,696	30,994	
100 Oconee.....	110,080	104,879	72,256	4,447,790	1,628,299	218,908	177,327	10,208	25,229	
101 Oglethorpe.....	322,560	228,331	122,163	6,114,421	2,323,044	318,148	264,820	17,171	35,847	
102 Paulding.....	207,360	168,390	79,138	3,198,693	1,260,470	240,273	211,249	10,603	18,233	
103 Pickens.....	147,840	119,940	37,361	1,235,140	394,453	173,802	160,611	8,247	4,614	
104 Pierce.....	387,200	233,756	41,513	2,751,539	811,240	210,734	190,018	.....	19,952	
105 Pike.....	196,480	170,215	111,070	4,080,871	2,294,595	341,282	270,061	10,071	51,091	
106 Polk.....	202,880	153,812	81,746	3,663,041	1,255,886	235,056	194,770	19,873	20,818	
107 Pulaski.....	290,320	235,245	142,485	6,492,850	3,243,447	543,441	481,130	957	61,314	
108 Putnam.....	231,040	177,852	101,416	3,418,231	1,580,998	204,996	186,102	1,745	17,069	
109 Quitman.....	92,160	83,295	38,415	1,137,597	611,539	116,414	101,511	.....	14,803	
110 Rabun.....	241,280	118,478	24,045	1,153,359	256,487	130,140	125,715	90	180	
111 Randolph.....	293,680	228,588	138,759	4,592,067	2,255,265	411,259	336,857	170	73,592	

# STATISTICS, BY COUNTIES.

787

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

SOUTH ATLANTIC—Continued.

VALUE: 1909—continued.														Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.									
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.					
37	\$3,749	\$33,522	\$11,450	\$200,128	\$147,384	\$142	\$50,062	\$18,879	\$30,539	\$541	\$103	\$11,900	\$32,224		
38	32,772	122,800	7,961	1,211,036	907,587	241,066	125,146	46,115	71,930	574	6,527	71,884	132,325		
39	73,093	146,523	37,828	954,969	720,929	88	472,489	364,138	107,352	989	10	50,361	72,570		
40	34,175	75,473	1,925	1,953,333	1,534,612	-----	76,464	33,345	42,333	582	204	31,300	133,581		
41	38,453	84,118	2,297	2,698,189	2,162,077	-----	69,637	23,446	44,841	1,350	-----	40,229	77,359		
42	15,535	30,484	4,240	980,818	785,300	-----	20,291	10,634	9,639	18	-----	4,393	9,625		
43	14,831	39,471	12,644	650,361	510,520	14	84,271	42,375	41,314	544	38	27,368	29,827		
44	12,600	54,220	1,165	1,504,838	1,142,755	-----	71,484	27,806	39,326	453	3,869	15,976	106,662		
45	895	17,190	13	198,807	78,637	-----	13,173	1,243	11,520	358	52	7,641	25,296		
46	37,536	110,848	4,507	390,049	197,681	-----	56,867	10,552	44,749	767	799	21,535	67,917		
47	39,846	82,318	41,449	1,574,187	1,263,815	-----	138,991	76,255	61,810	1,396	30	33,377	70,601		
48	23,110	132,822	7,086	2,297,730	1,700,709	-----	114,120	78,717	78,717	1,960	4,094	30,299	193,789		
49	33,547	65,807	46,324	72,852	-----	1,381	76,490	37,751	35,766	966	2,007	57,416	42,463		
50	15,069	81,400	10,842	1,185,077	950,043	24	112,485	53,632	58,402	461	-----	22,727	61,202		
51	84,915	109,013	70,376	1,303,280	917,543	125	238,978	143,385	94,228	896	469	66,093	41,687		
52	16,450	60,515	15,823	837,901	656,122	7	149,483	78,787	74,170	1,483	43	44,886	84,563		
53	39,621	73,711	11,554	1,466,631	1,182,041	49	1,182,041	67,446	69,124	1,652	45	54,641	62,613		
54	32,800	173,460	9,617	803,672	1,27,983	100	173,201	131,571	41,088	525	17	27,565	13,813		
55	10,594	52,367	54,268	70,399	9,846	1,353	86,779	33,187	48,716	2,232	2,094	60,919	54,982		
56	1,427	17,126	5,158	377,245	304,738	4	26,309	10,440	15,459	888	22	5,955	36,112		
57	6,530	21,059	691	28,972	2,714	-----	5,184	610	4,173	131	270	2,991	5,999		
58	43,796	63,509	37,409	835,658	652,912	96	165,967	71,901	92,632	823	311	66,575	83,735		
59	11,066	86,199	8,735	1,060,763	448,783	33,495	88,810	24,727	61,600	1,057	1,425	24,693	297,922		
60	49,963	87,504	13,935	1,491,079	1,197,617	24	166,026	107,444	57,982	519	81	13,588	43,447		
61	41,999	140,017	14,534	1,956,141	1,507,884	103	248,880	132,293	114,187	2,272	123	93,893	132,537		
62	12,100	36,923	40,163	114,415	61,305	711	62,884	33,396	28,623	780	100	40,751	31,042		
63	19,837	81,473	19,353	1,042,845	789,959	374	160,475	90,850	67,626	1,907	92	70,361	72,262		
64	50,300	102,076	93,453	1,732,747	1,371,436	-----	100,433	37,121	62,871	353	88	22,680	71,267		
65	15,359	59,315	14,901	589,856	447,710	239	104,228	54,275	49,136	782	55	47,298	44,491		
66	17,426	90,757	13,280	1,655,112	1,307,016	10	116,929	59,120	56,182	620	7	31,800	83,888		
67	45,997	72,468	15,413	1,454,294	1,189,023	34	132,300	69,231	61,225	1,728	21	55,495	66,127		
68	25,529	64,038	31,687	1,102,219	841,262	23	44,976	49,586	48,606	819	184	77,311	55,134		
69	37,143	50,011	26,705	2,062,726	1,693,223	-----	135,250	70,578	64,018	656	-----	37,028	48,545		
70	85,124	139,860	372,987	2,381,419	1,814,174	-----	98,566	39,251	58,926	394	5	25,394	109,329		
71	16,158	65,543	9,703	1,111,726	795,991	40	48,511	14,969	28,777	694	4,071	46,522	106,261		
72	94,978	100,913	34,560	2,901,165	2,347,522	23	216,716	111,299	108,809	1,970	138	83,948	96,546		
73	41,614	61,822	30,291	2,034,212	1,677,056	9	74,621	44,386	29,585	693	17	27,693	49,919		
74	6,820	23,685	1,547	369,993	173,377	-----	22,033	8,300	13,577	156	-----	7,537	38,143		
75	24,772	86,809	3,573	2,274,233	1,713,882	-----	99,910	35,960	60,142	802	6	30,269	98,166		
76	19,277	33,797	3,722	1,015,307	814,961	-----	34,422	9,904	23,943	355	220	13,356	48,746		
77	8,002	60,405	1,125	1,151,229	855,981	-----	50,528	16,299	32,525	368	1,344	20,223	95,546		
78	14,938	71,224	93,817	1,367,336	1,120,919	-----	89,411	41,688	47,285	303	130	14,786	48,277		
79	25,724	119,392	3,312	3,330,043	2,692,970	29	131,986	37,974	91,982	1,646	364	68,062	221,221		
80	22,570	90,217	6,967	1,799,974	1,429,496	-----	67,280	22,204	34,718	358	-----	6,464	44,717		
81	4,902	98,532	22,507	273,378	151,315	-----	43,354	5,909	35,446	463	1,536	43,553	53,776		
82	21,812	50,785	10,800	888,764	717,897	10	65,431	30,697	34,041	551	142	22,264	46,361		
83	11,693	81,903	12,270	1,221,550	944,396	-----	33,994	33,994	48,953	869	135	132,744	172,573		
84	3,202	28,158	8,591	66,305	36,499	792	39,177	18,232	19,497	922	526	15,025	20,423		
85	4,975	30,039	3,229	861,258	653,544	10	49,601	25,740	23,582	221	58	7,022	15,650		
86	681	36,707	8,924	20,050	598	-----	12,483	1,317	10,728	187	251	8,670	15,555		
87	26,425	67,277	181,657	1,509,620	1,155,708	1,000	70,586	27,187	42,970	429	-----	21,002	86,663		
88	30,586	53,571	9,043	1,475,434	1,209,694	-----	178,609	104,504	73,265	747	96	25,749	71,375		
89	8,016	37,905	7,394	767,802	596,346	-----	43,760	23,086	20,188	486	-----	19,610	39,419		
90	49,813	119,010	65,255	2,681,033	2,047,493	10	166,231	94,755	70,460	1,016	-----	35,575	108,256		
91	3,291	10,468	120	406,051	266,904	-----	21,582	2,334	16,568	76	2,604	9,635	33,939		
92	6,370	44,880	3,753	599,275	487,092	-----	89,767	39,442	49,590	789	6	24,974	37,822		
93	14,930	70,840	2,540	2,075,451	1,558,544	-----	85,068	24,971	56,477	553	3,067	38,587	74,116		
94	51,955	94,026	51,226	1,808,791	1,451,867	-----	126,856	65,943	60,100	793	14	39,486	72,945		
95	13,681	181,028	6,818	1,758,187	1,369,710	-----	104,140	28,932	72,485	1,124	1,005	52,928	199,375		
96	70,986	75,341	21,907	2,274,689	1,839,454	-----	123,948	72,574	50,517	857	-----	25,171	51,115		
97	43,565	58,713	24,331	375,792	219,629	131	89,277	39,100	48,821	1,046	310	39,604	66,622		
98	20,999	79,239	8,984	540,280	410,062	66	110,675	79,300	31,265	140	-----	12,954	18,669		
99	66,596	71,781	19,400	1,583,695	1,152,116	-----	119,306	64,542	54,051	682	31	44,050	68,056		
100	59,034	93,093	14,468	1,272,286	1,050,405	11	102,901	53,607	48,361	848	85	37,503	52,765		
101	59,357	110,361	27,168	1,808,020	1,470,381	111	125,143	65,338	58,792	960	53	33,712	85,177		
102	12,767	71,578	10,121	931,731	789,263	87	142,623	68,756	73,185	682	-----	55,150	74,165		
103	1,885	33,647	10,205	174,914	122,213	496	74,319	25,133	45,230	336	-----	19,604	46,115		
104	6,094	95,524	4,513	494,575	318,336	-----	52,976	5,427	44,734	597	2,218	34,414	91,891		
105	41,640	87,081	34,435	1,790,157	1,395,192	5	127,863	69,543	57,519	753	-----	24,660	71,673		
106	45,740	70,075	19,830	884,656	697,690	295	145,751	83,724	61,110	892	25	47,207	62,931		
107	27,516	117,877	2,404	2,552,209	1,935,648	-----	104,230	32,152	71,663	400	25	27,227	215,117		
108	43,477	61,771	14,132	1,256,692	1,030,804	-----	67,430	67,430	38,150	278	33	15,946	42,200		
109	4,888	19,121	1,084	470,622	378,173	-----	30,395	14,707	15,562	126	-----	6,873	16,894		
110	8,682	30,573	28,074	59,009	-----	-----	48,408	23,658	21,816	156	2,348	56,287	26,679		
111	12,748	57,826	2,024	1,771,408	1,421,259	-----	110,028	47,757	61,243	1,028	-----	19,296	96,444		

GEORGIA—Continued.

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF SOUTH ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Cereals.			
						Total.	Corn.	Wheat.	Oats.

GEORGIA—Continued.

112	Richmond	204,160	144,724	72,025	\$3 047,431	\$1,320,501	\$231,411	\$191,291	\$2,722	\$37,393
113	Rookdale	70,160	73,749	41,000	2,025,577	725,019	118,360	97,939	7,497	12,901
114	Schley	98,560	98,487	55,750	1,338,728	771,012	147,214	132,348	259	14,186
115	Screven	508,160	324,713	136,097	6,427,220	2,048,904	548,013	480,700	.....	61,805
116	Spalding	138,760	117,003	75,178	3,039,848	1,628,500	238,029	108,220	18,987	50,774
117	Stephens	100,240	92,521	32,558	2,428,008	593,028	134,291	125,863	3,845	4,514
118	Stewart	268,040	214,502	122,253	3,077,720	1,714,847	343,287	202,805	162	50,202
119	Sumter	291,840	270,834	170,825	8,080,129	3,988,769	650,380	520,999	1,985	126,716
120	Talbot	199,680	180,689	78,248	2,448,832	1,311,132	233,755	194,540	284	38,707
121	Taliaferro	136,680	101,020	58,005	2,282,293	997,917	121,767	104,807	1,404	15,501
122	Tattnall	410,880	325,898	83,037	6,530,486	2,151,527	507,132	483,291	.....	23,521
123	Taylor	217,900	207,359	79,975	2,477,370	1,400,608	317,306	206,321	1,573	49,213
124	Telfair	238,720	207,270	72,333	3,414,307	1,350,062	315,108	293,452	.....	21,640
125	Terrell	206,080	177,807	131,703	5,684,872	3,070,300	414,008	374,413	530	30,454
126	Thomas	339,200	255,654	119,205	5,052,018	1,939,424	424,853	381,741	.....	41,906
127	Tift	155,520	113,434	44,239	3,015,434	1,088,081	220,430	177,460	425	41,994
128	Toombs	251,520	175,318	53,695	3,402,559	1,619,505	301,348	272,871	50	28,396
129	Towns	116,840	65,969	19,372	770,055	172,205	110,159	100,514	0,419	843
130	Troup	278,400	220,330	124,977	5,001,185	2,519,992	299,979	261,079	5,483	33,417
131	Turner	147,840	130,080	54,464	3,340,940	1,442,886	237,058	199,443	115	37,958
132	Twiggs	200,900	172,312	84,755	2,905,774	1,450,182	241,469	230,557	12	10,900
133	Union	207,300	142,497	44,283	3,165,177	353,896	201,003	184,027	8,908	1,705
134	Upson	202,880	170,188	80,177	2,909,973	1,407,026	261,707	220,434	0,116	28,900
135	Walker	270,480	214,793	94,282	5,089,374	991,358	323,771	205,551	17,320	10,797
136	Walton	286,800	200,609	129,372	8,230,473	2,607,161	341,114	284,447	17,199	88,911
137	Ware	514,560	164,720	28,421	1,732,611	437,493	105,564	155,127	.....	9,270
138	Warren	258,600	158,264	88,557	3,051,930	1,595,097	224,483	202,446	1,289	20,740
139	Washington	428,100	341,952	210,162	6,503,104	3,416,366	674,906	598,042	3,580	71,463
140	Wayne	488,900	319,790	30,847	2,876,316	805,289	240,430	227,700	45	12,329
141	Webster	193,280	107,359	65,681	1,537,108	755,829	177,870	157,759	39	17,547
142	White	150,500	107,691	28,230	1,366,751	290,347	149,438	134,902	7,620	4,572
143	Whitfield	181,120	162,893	77,890	2,812,480	793,793	218,148	193,406	14,250	9,580
144	Wilcox	257,020	188,315	88,377	4,223,420	2,001,705	325,470	276,428	165	48,878
145	Wilkes	203,120	255,512	127,062	6,891,269	2,967,141	412,410	339,738	4,323	68,352
146	Wilkinson	302,080	219,172	98,500	2,200,953	1,104,850	272,045	246,322	825	23,693
147	Worth	416,040	203,147	112,726	4,294,023	2,320,312	418,381	373,717	30	44,311

FLORIDA.

1	The state	35,111,040	5,283,838	1,805,408	\$143,183,183	\$36,141,894	\$6,175,973	\$5,709,009	\$132	\$443,104
2	Alachua	807,680	274,830	137,641	4,859,532	1,886,607	393,713	350,124	.....	34,225
3	Baker	375,680	39,511	16,440	713,795	364,447	68,304	61,096	.....	1,160
4	Bradford	344,960	134,884	54,265	2,721,207	1,072,346	211,898	191,773	75	18,779
5	Brevard	656,000	25,554	4,814	3,269,370	580,084	1,404	1,340	.....	8,300
6	Calhoun	762,880	82,103	17,171	1,044,890	372,716	109,290	100,816	.....	8,300
7	Citrus	396,800	23,127	5,895	675,203	95,900	24,177	23,545	.....	632
8	Clay	394,880	31,872	6,042	771,870	126,886	36,770	34,904	.....	1,782
9	Columbia	506,880	216,889	110,257	2,783,608	995,873	273,681	245,958	.....	26,796
10	Dade	1,749,120	42,467	12,460	3,720,355	1,262,260	2	.....	.....	587
11	De Soto	2,402,560	156,010	20,421	6,436,470	1,002,926	77,165	74,275	.....	587
12	Duval	508,040	110,901	0,571	4,584,049	338,694	45,461	43,640	.....	1,816
13	Escambia	420,480	70,825	16,302	1,667,425	400,593	75,736	72,400	.....	3,040
14	Franklin	346,240	12,197	457	84,061	8,739	450	435	.....	24
15	Gadsden	345,000	217,443	70,632	7,275,432	1,931,861	405,570	430,904	20	55,980
16	Hamilton	337,920	104,700	74,405	2,308,326	938,996	214,345	206,417	.....	7,119
17	Hernando	318,080	25,562	8,303	886,540	157,050	47,280	43,778	.....	2,168
18	Hillsborough	850,560	113,937	31,252	9,612,494	1,384,888	92,250	80,857	.....	375
19	Holmes	293,120	130,066	40,726	2,027,837	879,243	207,344	100,857	.....	7,422
20	Jackson	617,600	375,093	181,537	5,840,029	2,448,537	696,519	695,289	.....	31,143
21	Jefferson	374,400	165,125	104,700	2,704,573	1,350,837	381,250	350,072	5	20,973
22	Lafayette	706,160	102,087	37,201	1,043,060	323,009	96,721	95,177	.....	1,424
23	Lake	670,080	112,124	24,244	4,813,253	840,995	53,236	50,993	.....	2,228
24	Lee	2,579,840	54,103	0,264	4,070,750	611,343	2,469	1,989	.....	42
25	Leon	457,600	197,284	109,340	3,708,274	940,344	269,030	230,734	12	28,004
26	Levy	731,520	135,514	37,860	1,464,478	521,615	125,655	99,130	.....	26,465
27	Liberty	526,720	63,156	10,387	578,180	194,007	59,004	55,032	.....	3,964
28	Madison	460,160	251,495	124,609	3,413,380	1,098,180	331,304	292,700	.....	34,920
29	Manatee	855,680	62,448	14,173	6,213,880	1,255,254	15,398	12,743	.....	325
30	Marion	1,054,080	218,551	87,251	5,303,109	1,835,212	358,281	282,053	20	75,750
31	Monroe	704,000	4,720	955	305,767	32,864	.....	.....	.....	.....

# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

SOUTH ATLANTIC—Continued.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
112	\$100,110	\$114,916	\$41,702	\$332,422	\$564,799	-----	\$151,747	\$104,085	\$46,881	\$778	\$3	\$38,728	\$28,347
113	12,379	30,702	3,271	554,908	450,329	4	58,316	30,370	27,881	265	-----	19,135	18,129
114	5,445	28,461	4,838	630,264	438,857	1	38,063	18,301	19,529	233	-----	9,280	43,291
115	39,742	60,042	5,303	1,994,544	1,508,052	-----	87,252	19,160	66,847	549	1,696	29,147	147,102
116	64,692	68,020	23,919	1,238,837	1,008,025	33	95,413	54,374	40,340	673	26	38,562	47,342
117	6,373	29,471	6,128	417,367	326,919	36	50,124	24,363	25,018	719	24	22,459	35,054
118	21,271	49,705	10,618	1,284,500	999,579	-----	68,340	25,341	42,787	158	54	16,485	49,113
119	29,421	37,017	75,328	3,137,014	2,394,115	4,050	124,068	46,984	77,436	546	2	14,568	78,265
120	13,634	58,174	13,236	992,333	797,300	-----	71,863	32,862	38,688	306	132	26,432	54,476
121	20,488	43,955	20,660	791,101	644,688	98	46,603	21,706	24,527	370	-----	14,691	36,523
122	7,830	110,920	9,142	1,516,491	1,149,501	-----	109,770	24,964	82,002	1,982	872	37,778	121,303
123	23,667	46,669	73,140	939,823	684,425	-----	58,237	25,445	32,369	423	-----	44,564	83,611
124	10,219	38,851	2,424	983,460	734,722	-----	42,241	14,702	26,625	154	780	4,941	80,028
125	17,028	47,593	3,248	2,587,855	2,100,868	-----	92,360	44,554	47,029	777	-----	11,433	83,522
126	26,190	134,003	9,398	1,344,974	868,597	-----	117,629	43,549	73,060	838	173	26,896	156,797
127	11,848	93,854	6,881	755,123	534,886	-----	61,109	25,934	33,245	307	1,623	65,033	68,241
128	20,091	65,260	24,067	1,202,149	649,922	-----	53,724	12,841	40,324	343	216	19,506	90,522
129	5,852	18,874	10,783	20,537	225	803	33,439	12,488	18,729	755	1,470	56,332	22,145
130	68,715	122,193	19,601	2,019,504	1,649,124	-----	141,494	64,448	76,005	412	28	24,778	56,644
131	23,550	80,545	2,370	1,098,757	782,315	-----	42,895	15,017	26,692	484	802	15,692	88,191
132	17,486	41,790	7,918	1,141,519	918,076	2	54,721	19,749	34,774	198	-----	10,890	54,125
133	15,104	50,104	35,090	51,335	344	4,073	54,416	17,006	33,620	1,215	2,575	58,070	48,910
134	16,308	63,780	40,187	1,019,064	790,419	-----	84,778	41,481	42,695	602	-----	24,391	63,428
135	84,403	111,980	79,873	391,331	266,966	-----	163,195	78,706	82,626	1,022	841	72,697	59,442
136	60,909	111,628	28,974	2,124,536	1,736,618	-----	184,414	98,771	84,329	1,277	27	37,511	99,700
137	5,612	63,198	4,521	198,598	105,565	-----	43,241	14,654	26,439	479	1,669	16,931	60,631
138	9,020	69,799	10,557	1,255,148	1,014,062	-----	54,931	25,724	29,021	178	8	8,166	50,899
139	43,996	135,128	23,176	2,539,180	1,907,062	-----	126,057	49,862	74,347	333	15	31,653	113,633
140	20,487	86,927	9,359	449,080	287,657	-----	46,637	7,510	36,655	1,485	987	29,972	85,561
141	6,947	28,840	2,277	539,895	419,792	-----	43,415	19,578	23,408	429	-----	11,168	43,577
142	9,361	24,848	20,403	92,297	48,065	1,870	55,105	22,293	31,954	474	384	29,551	32,253
143	75,051	65,509	48,420	386,665	244,085	147	166,764	92,211	73,248	857	448	103,973	56,164
144	30,156	80,078	2,091	1,563,994	1,164,844	-----	82,686	36,203	45,576	497	280	24,334	94,432
145	61,860	92,041	29,131	2,371,070	1,901,895	-----	132,314	69,758	61,983	61	51	70,369	61,245
146	12,094	46,809	7,174	827,228	511,676	-----	56,219	20,884	34,881	452	2	20,816	82,757
147	13,731	107,850	3,818	1,782,532	1,364,996	-----	86,789	28,023	57,890	587	309	20,226	112,361

## FLORIDA.

1	\$847,485	\$8,385,242	\$7,712,549	\$13,020,645	\$4,841,581	\$1,025,476	\$3,156,467	\$974,486	\$2,057,437	\$60,906	\$63,638	\$1,356,243	\$2,639,568
2	64,533	601,854	58,720	767,877	851,005	-----	130,821	27,916	101,503	1,140	262	112,448	178,859
3	460	25,406	7,202	267,995	89,015	25	13,987	1,110	12,646	231	-----	9,773	43,467
4	17,329	88,215	152,668	602,926	262,635	-----	76,256	9,357	65,632	367	-----	61,201	117,686
5	545	29,310	544,144	4,621	-----	-----	19,766	1,559	16,190	2,017	-----	3,090	5,391
6	8,985	38,144	4,815	211,526	36,957	-----	31,944	6,213	18,511	5,242	1,978	4,022	64,544
7	2,945	26,547	22,610	19,711	-----	27	18,932	4,852	13,965	58	57	12,648	26,567
8	2,561	46,681	14,899	25,975	2,719	-----	31,766	3,061	27,946	208	541	15,338	12,728
9	14,948	41,000	18,069	648,180	375,982	-----	75,821	14,819	57,992	2,919	91	23,885	127,451
10	5,150	1,048,431	176,403	22,274	-----	-----	52,155	13,164	37,606	1,385	-----	5,251	712
11	37,690	107,999	648,995	71,077	-----	480	53,601	6,118	44,660	1,413	1,310	108,469	32,728
12	10,219	161,162	18,074	103,778	120	240	229,055	139,840	88,413	233	569	14,572	26,336
13	20,043	86,084	10,551	207,829	66,740	355	52,957	16,981	31,847	754	3,375	14,310	31,818
14	1,075	5,270	1,308	627	-----	-----	7,175	4,572	604	1,999	-----	1,013	2,139
15	57,807	123,119	16,077	1,238,688	81,270	869,296	109,138	32,854	75,040	1,083	161	64,291	165,179
16	7,606	49,007	8,377	650,691	349,481	4	48,963	6,715	41,768	460	20	26,638	101,126
17	7,575	37,207	27,437	37,551	-----	3,000	16,338	3,098	12,586	132	522	14,677	14,604
18	52,530	383,028	776,913	80,187	-----	-----	319,465	169,386	157,816	1,958	305	49,091	25,768
19	13,553	85,813	6,408	566,625	194,908	344	89,335	37,589	43,986	1,315	6,445	27,411	96,484
20	51,912	138,486	9,537	1,552,108	926,618	903	180,393	40,558	115,907	1,346	2,822	54,780	325,854
21	25,469	143,772	15,229	790,608	414,938	18,204	76,807	19,488	55,379	747	193	13,700	100,430
22	1,724	19,910	3,477	202,071	78,592	20	19,548	862	18,233	453	-----	43,017	54,445
23	33,428	247,324	476,310	30,699	136	-----	61,900	21,395	39,704	801	-----	20,776	25,768
24	2,490	110,026	482,465	13,893	-----	-----	32,140	9,487	21,972	701	-----	11,438	4,633
25	40,836	91,191	14,684	530,608	245,490	94,137	104,814	54,025	49,375	1,066	248	30,615	65,415
26	3,144	166,708	10,803	215,245	32,116	10	42,344	4,938	36,485	356	565	47,189	75,210
27	3,157	16,697	4,614	110,635	14,511	-----	26,633	1,575	20,276	2,941	1,841	16,058	14,291
28	14,728	44,608	4,906	702,544	451,000	10,150	75,912	16,642	58,693	554	23	19,410	95,799
29	31,838	649,227	518,213	40,653	-----	-----	60,620	16,956	37,478	4,732	1,454	27,968	12,930
30	82,485	683,625	240,487	470,334	12,700	970	167,821	43,003	110,201	1,118	3,499	89,640	126,262
31	25	9,178	13,166	10,650	-----	-----	906	-----	906	-----	-----	128	-----

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF SOUTH ATLANTIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>FLORIDA—Continued.</b>										
32 Nassau.....	403,200	121,573	7,134	\$1,293,333	\$203,479	\$54,701	\$49,446			\$5,050
33 Orange.....	806,000	122,533	23,016	8,974,357	1,502,260	40,299	45,784			270
34 Osceola.....	1,134,720	92,704	5,782	2,816,864	178,939	17,576	17,139			
35 Palm Beach.....	1,030,720	18,408	4,884	1,010,000	811,433	30	30			
36 Pasco.....	490,880	48,500	13,400	1,590,500	300,340	44,081	43,201			665
37 Polk.....	1,220,480	183,730	24,063	6,192,701	1,047,620	88,514	86,997			647
38 Putnam.....	481,280	76,843	19,280	3,106,402	615,114	64,450	62,937			1,370
39 St. John.....	618,240	40,330	10,859	2,473,700	738,722	68,057	65,910			1,703
40 St. Lucie.....	892,800	18,219	5,391	2,927,400	678,020	1,195	1,190			
41 Santa Rosa.....	980,440	99,425	21,570	1,727,990	480,184	113,226	110,910			2,201
42 Sumter.....	373,120	76,519	22,950	2,136,007	675,670	94,124	82,539			11,585
43 Suwannee.....	442,880	273,330	135,769	3,010,652	1,403,111	338,451	328,883			9,322
44 Taylor.....	680,960	65,043	20,748	915,731	248,162	67,667	64,484			3,153
45 Volusia.....	803,840	72,975	13,783	3,803,503	643,927	34,094	34,000			842
46 Wakulla.....	385,280	63,642	20,619	452,493	131,489	50,261	45,934			4,327
47 Walton.....	884,480	113,024	28,761	1,613,515	511,428	153,390	150,041			3,120
48 Washington.....	918,400	141,578	33,814	1,969,176	717,086	180,567	175,555			4,142

EAST SOUTH CENTRAL.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.

KENTUCKY.

1 The state.....	25,715,840	22,189,127	14,364,471	\$773,797,880	\$138,973,107	\$60,738,651	\$50,449,112	\$8,812,469	\$1,216,187
2 Adair.....	250,000	224,910	131,084	4,337,223	1,114,032	584,274	501,007	71,033	11,219
3 Allen.....	252,100	204,681	132,102	4,572,027	1,207,798	633,210	575,017	22,707	34,761
4 Anderson.....	128,640	124,273	92,168	4,065,227	766,571	264,049	221,280	31,300	9,431
5 Ballard.....	161,280	145,185	111,500	7,103,422	1,352,218	703,972	544,325	154,830	4,022
6 Baren.....	310,400	297,893	230,903	11,129,318	2,474,564	1,068,252	933,002	96,079	37,666
7 Bath.....	172,800	143,130	113,147	8,456,001	1,373,081	475,581	430,099	33,094	7,692
8 Bell.....	245,700	97,956	34,333	2,110,254	305,027	185,425	134,066	53	1,156
9 Boone.....	100,040	145,093	131,505	8,686,530	1,152,180	412,322	355,784	32,637	14,741
10 Bourbon.....	194,560	189,796	182,554	22,409,088	2,411,223	895,147	697,181	177,409	10,276
11 Boyd.....	101,760	71,570	54,788	2,249,605	306,417	151,574	137,294	6,817	7,241
12 Boyle.....	110,040	110,518	80,305	8,038,834	1,058,347	609,245	405,798	193,857	5,376
13 Bracken.....	130,560	122,451	110,701	6,370,770	1,205,233	233,551	207,475	18,414	3,431
14 Breathitt.....	309,120	261,943	75,846	3,080,070	859,061	416,964	414,202	70	2,458
15 Breckinridge.....	803,520	330,369	218,973	5,760,876	1,762,478	770,133	646,840	118,767	13,136
16 Bullitt.....	197,120	167,051	82,702	3,547,489	670,421	338,683	295,141	34,614	8,500
17 Butler.....	266,880	242,720	135,425	3,454,180	876,896	407,348	445,435	12,815	9,098
18 Caldwell.....	206,080	195,442	144,268	4,047,446	802,747	402,311	341,501	50,458	1,247
19 Calloway.....	263,680	241,372	150,521	6,536,729	1,609,702	643,393	603,770	35,094	3,016
20 Campbell.....	62,800	58,274	77,010	6,483,041	1,003,839	214,094	148,142	28,345	29,467
21 Carlisle.....	120,720	108,900	78,814	4,947,614	857,501	510,502	380,007	121,697	2,701
22 Carroll.....	84,480	80,519	66,198	4,100,147	788,488	210,001	188,083	11,664	5,640
23 Carter.....	264,320	241,751	137,702	3,799,682	1,220,080	362,791	372,444	9,070	11,163
24 Casey.....	242,560	223,143	97,292	3,718,487	972,493	458,024	417,021	31,703	7,930
25 Christian.....	464,000	417,763	302,066	13,601,632	3,481,247	1,754,639	972,310	707,309	14,727
26 Clark.....	169,600	149,035	136,597	14,378,095	1,509,751	563,094	480,915	75,068	4,970
27 Clay.....	305,920	244,214	103,612	3,038,758	801,919	440,250	435,740	1,223	3,157
28 Clinton.....	149,120	110,626	66,914	1,910,482	417,096	230,888	191,074	35,715	3,499
29 Crittendon.....	250,240	210,088	159,011	4,125,677	1,019,421	520,104	507,232	19,741	2,076
30 Cumberland.....	247,680	164,757	65,318	2,654,965	545,939	334,770	322,420	10,342	1,333
31 Daviess.....	305,920	267,062	227,708	16,380,093	2,778,978	1,178,379	904,745	204,800	7,544
32 Edmonson.....	197,120	184,382	81,130	2,421,311	580,150	316,585	301,791	9,410	5,374
33 Elliott.....	168,320	149,698	88,502	1,731,302	470,030	215,048	199,200	7,809	3,129
34 Estill.....	162,560	142,824	68,897	2,613,502	570,551	318,562	155,036	349	3,152
35 Fayette.....	172,160	165,541	153,654	27,120,288	2,046,251	1,040,070	720,934	200,264	16,536
36 Fleming.....	208,000	213,666	164,610	10,820,070	1,850,478	633,635	525,206	91,420	13,072
37 Floyd.....	255,360	235,190	89,171	3,863,484	770,832	422,801	421,075		1,327
38 Franklin.....	127,360	125,330	106,337	6,877,287	1,138,970	362,562	316,592	28,533	11,744
39 Fulton.....	123,520	89,892	75,370	5,842,591	1,148,354	699,171	511,644	179,820	7,707
40 Gallatin.....	69,760	58,620	51,832	2,664,007	504,628	151,387	135,064	6,634	4,676
41 Garrard.....	151,680	127,788	111,485	9,300,050	1,280,890	608,886	475,808	120,547	7,644



STATISTICS, BY COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

SOUTH ATLANTIC—Continued.

VALUE: 1909—continued.													Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.								
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.				
32	\$2,738	\$63,426	\$5,715	\$76,899	\$797	\$23,348	\$1,996	\$19,489	\$539	\$1,324	\$5,458	\$26,693		
33	40,400	482,961	794,786	128,754	.....	123,453	43,654	77,276	2,324	199	56,204	8,201		
34	12,279	31,362	95,341	22,381	.....	26,556	8,405	17,495	353	303	49,635	5,409		
35	2,077	530,728	259,700	18,898	.....	24,616	3,699	19,694	1,223	.....	1,751	94		
36	14,222	61,035	92,220	88,782	.....	29,731	5,391	24,038	242	60	15,674	27,522		
37	83,579	152,738	592,459	180,339	.....	109,785	36,544	70,644	820	1,777	100,898	34,660		
38	21,368	121,520	347,254	60,513	7,390	49,156	9,351	33,808	997	.....	10,744	36,086		
39	22,547	522,915	47,492	77,711	.....	58,297	21,939	35,810	229	319	15,699	11,220		
40	791	101,838	570,826	3,370	.....	14,054	1,939	11,670	445	.....	6,042	1,006		
41	4,793	78,582	15,939	267,644	119,121	800	67,707	22,693	36,080	639	8,295	17,157	57,297	
42	11,836	472,646	70,498	26,575	400	5	37,557	7,330	29,468	136	625	15,132	13,684	
43	11,956	87,778	20,296	944,630	546,017	100	113,021	14,045	96,540	2,435	20,160	209,186		
44	444	26,728	3,420	149,903	30,603	.....	22,706	4,304	17,614	583	29,298	54,746		
45	12,885	114,361	463,187	18,500	183	.....	100,449	30,676	58,382	6,370	4,521	18,508	31,448	
46	614	10,440	2,545	67,629	5,028	.....	9,251	1,483	6,551	888	329	17,067		
47	13,621	78,596	10,305	255,516	75,376	58	75,947	21,947	38,180	1,217	14,603	20,255	61,874	
48	14,621	83,223	12,455	426,220	63,754	2,273	75,630	20,978	46,420	3,237	4,997	21,466	94,526	

EAST SOUTH CENTRAL.

VALUE: 1909—continued.													Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.								
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.				
1	\$10,306,344	\$11,850,994	\$5,019,231	\$51,057,887	\$223,024	\$89,868,753	\$23,308,894	\$9,055,813	\$13,279,971	\$202,242	\$770,868	\$43,069,623	\$11,652,749	
2	71,277	89,086	65,803	303,592	.....	161,544	193,635	59,157	129,910	1,071	3,497	277,611	122,279	
3	93,520	88,139	49,308	403,621	8	192,628	153,773	45,274	101,638	797	3,064	311,358	162,743	
4	98,421	59,824	17,813	356,464	.....	286,012	149,644	40,607	93,655	1,390	14,592	257,385	75,743	
5	87,403	52,468	37,057	471,258	100	417,372	162,155	55,205	65,638	671	641	365,733	118,931	
6	160,406	166,200	123,994	955,712	.....	813,633	365,818	127,041	230,089	1,585	7,103	655,324	197,903	
7	63,975	75,612	34,139	724,374	.....	702,500	206,985	52,983	147,275	1,422	5,295	722,891	90,799	
8	20,243	95,838	40,111	48,310	12	756	85,964	44,668	47,008	2,855	1,433	64,030	41,693	
9	154,777	117,260	28,139	439,082	.....	423,941	290,720	297,720	142,875	1,029	15,872	313,535	84,747	
10	132,932	62,470	14,665	1,300,009	.....	1,116,845	247,145	61,644	148,856	274	36,371	1,711,581	104,314	
11	27,075	70,226	18,889	38,653	.....	5,307	127,770	77,269	48,131	1,444	926	385,394	27,896	
12	80,682	54,625	18,330	289,459	.....	203,543	148,185	58,549	83,381	408	5,847	540,996	63,424	
13	81,027	68,066	20,705	795,334	.....	787,843	196,143	65,210	128,860	3,776	1,297	130,010	79,455	
14	18,632	117,836	20,627	279,002	8	2,810	123,858	60,782	54,763	4,974	3,399	111,773	67,368	
15	90,980	97,441	65,061	729,813	.....	591,986	252,595	74,827	164,597	1,194	11,977	310,360	134,054	
16	83,878	73,430	51,092	132,338	.....	75,351	121,000	37,266	80,581	595	2,558	195,525	54,126	
17	78,884	99,357	45,701	188,006	.....	90,216	185,502	61,208	119,468	383	4,443	244,046	97,348	
18	79,714	43,884	30,441	306,397	.....	257,685	146,251	61,481	81,000	418	2,742	210,712	100,679	
19	131,918	114,066	64,089	656,206	.....	549,988	225,864	79,160	142,550	1,168	2,986	397,527	163,003	
20	231,163	234,169	135,600	188,213	.....	99,728	461,479	307,652	149,030	1,707	3,690	147,346	65,745	
21	90,163	33,623	23,708	199,505	.....	123,171	120,649	37,393	80,130	523	2,693	285,375	74,931	
22	66,000	44,028	8,140	460,319	.....	454,000	167,163	47,924	112,573	544	6,122	149,696	54,387	
23	55,919	124,362	61,844	585,704	.....	492,575	198,820	89,737	112,353	4,584	1,146	302,419	70,515	
24	57,736	112,780	29,933	313,961	.....	193,697	169,121	48,783	113,835	1,475	5,325	256,983	95,721	
25	220,127	143,114	61,282	1,302,085	.....	1,169,528	260,594	135,120	140,115	516	3,843	458,477	247,948	
26	64,771	47,787	20,527	800,672	.....	648,163	210,178	64,205	121,749	690	23,584	730,792	93,763	
27	42,898	149,300	64,114	105,297	74	13,375	198,551	79,299	109,109	5,003	5,140	225,992	136,516	
28	53,122	71,959	26,066	35,031	771	1,095	97,922	27,217	67,662	1,245	1,798	146,767	59,361	
29	101,884	68,495	54,605	264,973	.....	189,307	169,007	56,065	97,113	817	4,412	349,647	108,522	
30	33,924	55,056	15,295	106,894	46	48,842	97,838	26,718	66,842	833	1,445	242,947	73,019	
31	235,603	132,399	64,698	1,169,890	.....	1,113,269	398,620	157,898	235,829	1,172	4,221	260,290	172,029	
32	41,328	79,940	35,824	106,479	.....	40,901	104,253	43,092	57,751	584	2,826	174,644	77,426	
33	27,446	70,530	32,931	123,475	.....	7,611	114,597	37,898	71,889	3,055	1,755	155,924	58,528	
34	26,882	79,506	36,058	115,443	.....	29,194	127,220	40,673	84,781	899	887	201,650	76,359	
35	166,274	284,869	14,104	1,140,244	.....	954,891	391,259	242,728	132,803	207	15,521	1,510,695	281,014	
36	124,820	103,828	40,859	953,327	.....	904,317	288,789	77,478	200,353	1,389	9,569	727,798	149,141	
37	29,308	128,629	27,528	168,566	.....	3,963	190,388	79,615	110,932	5,956	2,518	186,586	121,367	
38	94,988	116,271	41,069	524,080	.....	494,399	232,995	111,670	111,670	1,190	9,203	349,722	96,644	
39	66,839	35,335	20,583	320,426	217,811	47,548	119,542	46,038	3,683	653	3,683	279,921	88,595	
40	49,024	26,037	7,080	271,100	.....	271,100	57,087	17,374	35,828	229	3,656	92,951	29,812	
41	64,176	51,040	25,246	531,648	.....	478,447	205,954	52,942	147,760	439	4,813	472,395	118,528	

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST SOUTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Cereals.			
						Total.	Corn.	Wheat.	Oats.
42 Grant.....	168,900	156,482	137,204	\$0,841,018	\$1,237,052	\$371,605	\$331,631	\$15,487	\$15,831
43 Graves.....	352,640	335,830	250,940	12,120,884	2,857,607	1,104,300	1,042,600	113,653	6,976
44 Grayson.....	318,080	295,551	192,491	5,018,690	1,259,931	659,811	501,893	82,197	15,867
45 Green.....	178,500	107,375	122,519	4,124,010	929,063	431,452	379,974	43,294	8,064
46 Greenup.....	221,440	197,021	97,059	3,021,663	835,454	288,357	267,304	16,485	4,509
47 Hancock.....	123,520	108,588	70,062	2,836,581	789,732	333,872	262,383	65,873	5,166
48 Hardin.....	387,840	307,128	200,416	9,597,106	1,737,607	1,062,570	814,549	222,818	24,687
49 Harlan.....	305,920	161,926	47,252	3,621,361	375,621	243,965	274,145	690	430
50 Harrison.....	199,040	192,849	175,164	12,972,870	1,874,382	569,673	470,541	70,949	0,985
51 Hart.....	275,200	246,407	169,034	7,625,814	1,596,106	552,146	512,623	32,231	6,795
52 Henderson.....	278,400	231,677	200,954	12,233,806	2,302,223	1,302,198	1,004,088	230,693	4,841
53 Henry.....	193,920	178,217	155,243	10,326,390	1,813,058	491,085	411,717	12,694	24,118
54 Hickman.....	144,000	133,404	105,678	6,627,502	1,261,246	882,905	608,821	268,213	5,509
55 Hopkins.....	349,440	298,263	180,955	9,448,950	1,019,780	708,510	639,140	64,105	5,185
56 Jackson.....	213,120	153,561	78,807	1,674,900	476,433	249,519	241,980	988	0,263
57 Jefferson.....	247,680	106,707	151,062	26,225,014	2,006,781	747,491	567,345	155,067	21,767
58 Jessamine.....	119,080	99,857	70,000	0,885,654	1,283,065	622,887	328,856	275,595	12,081
59 Johnson.....	171,520	163,035	95,815	3,154,361	604,020	280,223	274,788	148	5,145
60 Kenton.....	104,320	86,408	75,107	5,907,499	844,476	203,914	189,679	4,998	12,954
61 Knott.....	222,720	202,438	82,261	2,083,026	441,867	280,765	289,229	57	211
62 Knox.....	227,840	187,590	100,889	3,179,627	666,300	342,811	339,518	300	2,945
63 Laramie.....	184,320	153,315	109,845	4,966,706	885,343	479,290	335,238	127,395	16,490
64 Laurel.....	286,080	188,248	99,542	3,252,153	702,461	307,089	290,208	7,172	9,401
65 Lawrence.....	270,680	290,455	156,235	3,831,909	805,104	414,387	391,384	13,721	8,829
66 Lee.....	127,360	86,419	36,889	1,004,546	288,280	156,689	152,820	704	2,987
67 Leslie.....	288,720	169,254	39,797	1,650,417	440,611	274,252	273,915	80	224
68 Letcher.....	227,200	154,166	54,937	1,696,584	422,065	270,671	209,548	211	567
69 Lewis.....	314,240	244,823	108,721	4,398,112	1,257,704	313,653	289,363	12,943	10,155
70 Lincoln.....	216,320	190,274	132,460	9,417,626	1,307,945	637,685	483,070	133,083	16,359
71 Livingston.....	250,880	183,287	124,881	3,984,072	808,678	508,594	473,345	30,612	4,587
72 Logan.....	411,520	328,282	233,887	10,914,988	2,509,448	1,200,640	845,020	329,630	31,365
73 Lyon.....	177,280	110,305	71,048	2,219,199	581,379	301,598	273,033	25,128	8,343
74 McCracken.....	152,960	132,106	103,793	6,490,303	1,038,400	426,143	383,128	39,793	2,397
75 McLean.....	161,920	142,610	107,473	5,260,484	1,005,818	397,433	340,888	53,171	3,289
76 Madison.....	285,440	260,652	221,410	15,799,118	2,083,036	926,434	825,737	79,535	13,988
77 Magoffin.....	193,280	197,804	99,908	2,617,005	494,346	314,803	313,242	452	974
78 Marion.....	220,800	196,107	132,890	7,627,707	1,210,495	551,794	469,836	48,201	30,929
79 Marshall.....	209,280	199,890	129,487	5,381,000	1,251,214	564,446	520,186	39,792	4,453
80 Martin.....	145,280	90,347	26,353	991,162	242,436	127,838	127,838	.....	295
81 Mason.....	145,280	147,613	138,136	13,686,972	2,025,290	672,815	542,676	120,005	2,129
82 Meade.....	192,640	177,437	122,486	3,803,521	809,125	391,574	312,003	69,927	8,927
83 Menifee.....	129,920	95,700	39,470	1,049,117	353,649	143,677	137,493	2,269	3,871
84 Mercer.....	161,920	151,894	126,228	10,188,110	1,236,182	634,505	411,799	226,878	13,267
85 Metcalfe.....	193,920	165,833	102,110	3,546,134	856,514	384,077	337,437	34,420	12,912
86 Monroe.....	282,240	204,275	103,605	3,171,620	846,625	464,627	406,796	41,971	15,736
87 Montgomery.....	126,720	110,665	93,231	9,000,327	1,181,750	362,668	334,612	13,120	6,779
88 Morgan.....	233,600	210,597	118,710	3,233,633	773,841	400,472	386,233	9,219	7,077
89 Muhlenberg.....	302,080	245,210	135,038	5,136,172	1,393,740	460,275	425,581	30,778	3,877
90 Nelson.....	263,040	228,650	150,995	8,243,355	1,219,892	725,586	592,813	109,466	22,392
91 Nicholas.....	133,120	113,055	98,045	8,049,602	1,280,850	347,024	301,540	37,432	3,595
92 Ohio.....	373,760	338,211	225,375	0,650,920	1,466,271	603,154	537,063	58,336	7,995
93 Oldham.....	115,200	106,214	79,898	6,349,208	727,054	341,163	275,939	44,821	19,790
94 Owen.....	234,880	213,788	180,410	8,100,019	1,004,305	459,760	428,681	10,859	19,786
95 Owsley.....	138,240	110,308	51,194	1,361,423	336,875	184,183	178,763	1,197	4,188
96 Pondleton.....	178,560	169,449	154,456	0,284,454	1,399,015	369,710	318,420	30,267	14,191
97 Perry.....	214,400	174,794	48,763	1,897,650	607,133	345,114	344,885	.....	600
98 Pike.....	498,560	481,370	120,553	0,238,233	1,414,228	678,235	575,111	20	2,954
99 Powell.....	115,840	112,196	38,030	2,370,328	306,581	144,010	143,098	280	1,154
100 Pulaski.....	498,560	368,140	199,414	5,701,434	1,408,632	747,444	618,002	91,237	30,296
101 Robertson.....	69,760	60,525	55,198	3,018,916	563,360	145,364	129,851	13,004	498
102 Rockcastle.....	198,400	170,855	83,415	2,450,095	574,209	315,131	282,783	26,661	4,889
103 Rowan.....	174,080	128,130	42,538	1,149,114	204,615	141,413	136,552	1,071	3,481
104 Russell.....	210,560	161,188	77,200	2,424,850	558,031	340,971	302,843	42,860	1,235
105 Scott.....	184,900	186,438	172,993	14,062,145	1,932,460	618,444	483,449	113,897	15,662
106 Shelby.....	273,280	238,885	216,596	18,443,300	2,843,105	768,378	657,138	85,666	10,387
107 Simpson.....	138,240	148,341	121,868	0,530,216	1,158,883	632,765	395,751	199,181	37,685
108 Spencer.....	119,040	116,385	90,894	5,553,457	903,738	315,565	269,845	35,101	7,271
109 Taylor.....	178,560	159,171	93,038	3,098,998	734,486	361,398	290,972	51,098	17,667
110 Todd.....	234,880	224,735	165,883	0,943,026	1,723,400	851,527	530,000	305,082	15,971
111 Trigg.....	273,920	257,670	136,200	4,039,263	1,313,223	601,204	516,501	82,606	2,087

KENTUCKY—Continued.

# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

EAST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
42	\$153,009	\$48,852	\$25,099	\$638,397	.....	\$577,835	\$256,361	\$79,297	\$156,032	\$1,156	\$19,876	\$377,117	\$108,914
43	210,531	158,002	124,403	1,194,305	.....	996,610	432,549	177,370	248,386	2,598	4,195	441,317	292,030
44	77,471	110,281	84,907	327,461	.....	154,648	238,145	89,616	195,104	780	10,645	363,374	134,922
45	49,594	40,012	32,720	375,276	.....	322,295	140,440	32,120	104,779	559	2,983	209,969	88,255
46	51,054	120,597	42,336	333,110	.....	208,443	176,045	78,892	94,719	2,755	579	143,128	50,575
47	56,630	57,420	32,630	309,171	.....	266,663	117,077	42,919	71,064	271	2,823	129,528	62,028
48	140,902	107,336	103,706	323,054	.....	220,134	398,738	147,694	234,270	1,383	15,391	457,576	146,224
49	15,357	64,210	24,005	28,084	.....	1,093	81,078	39,861	36,104	2,892	2,521	72,435	52,118
50	134,309	106,533	41,872	1,021,995	.....	971,298	371,429	54,573	239,668	2,164	35,024	362,405	143,526
51	66,532	64,200	58,335	824,803	.....	740,489	244,475	90,692	147,120	998	9,661	423,567	129,836
52	144,268	69,749	62,001	723,407	.....	684,143	248,462	107,916	136,288	1,318	2,944	356,487	138,069
53	111,673	87,740	21,847	1,100,713	.....	1,070,922	211,480	56,253	143,942	1,427	9,558	495,316	93,944
54	107,613	39,703	32,805	108,150	.....	143,762	177,873	53,871	111,689	877	6,436	439,367	106,736
55	222,504	166,551	114,355	707,860	.....	592,854	231,975	131,217	144,948	2,189	3,621	327,443	196,366
56	25,177	78,932	17,424	105,681	.....	2,643	93,169	35,843	50,109	1,928	4,279	162,292	67,659
57	267,400	1,202,928	177,450	301,512	.....	27,038	719,480	485,071	239,823	610	3,976	209,224	147,967
58	79,596	65,311	12,048	503,223	.....	454,302	163,663	59,140	88,521	232	7,779	429,208	96,192
59	38,608	109,970	40,890	134,325	.....	2,942	177,959	73,048	97,698	5,420	1,789	252,773	89,232
60	150,951	180,210	69,706	239,629	.....	216,950	435,153	290,342	136,121	757	7,593	144,227	56,662
61	8,325	60,321	21,571	61,885	.....	2,938	99,531	39,876	52,159	4,132	3,364	199,449	82,814
62	55,517	128,694	40,614	88,724	.....	2,581	154,818	71,207	76,147	5,048	2,416	153,266	56,170
63	48,704	61,816	53,558	241,975	.....	150,683	103,738	43,220	114,300	376	5,462	413,756	82,400
64	100,112	106,494	49,701	79,005	.....	10,178	174,153	81,633	84,374	3,332	4,314	242,331	93,616
65	49,636	146,589	47,285	237,217	.....	37,709	227,228	93,657	125,509	5,020	3,042	333,907	80,866
66	7,436	40,300	16,967	66,888	.....	2,681	69,143	28,789	37,826	1,465	963	51,753	41,542
67	4,728	67,470	24,150	70,002	.....	269	43,329	21,543	17,724	2,212	1,859	49,253	29,249
68	16,931	72,489	22,879	39,005	.....	807	74,567	39,821	37,006	4,838	2,902	67,797	48,796
69	70,444	130,773	43,019	690,815	.....	576,859	228,396	93,818	129,300	3,725	1,533	244,614	75,191
70	151,974	67,501	20,435	430,370	.....	358,634	169,945	56,603	103,413	329	9,409	383,341	85,748
71	85,876	53,110	41,973	114,125	.....	49,166	130,133	38,323	86,907	660	4,243	337,129	77,749
72	184,117	108,223	74,509	935,959	.....	781,704	268,035	83,656	165,873	1,328	7,178	552,841	171,374
73	39,852	31,818	22,808	185,243	.....	152,449	78,718	34,319	43,008	530	961	153,161	63,223
74	110,218	131,909	66,403	297,702	.....	197,525	262,100	147,319	112,219	1,401	1,151	229,296	104,745
75	109,367	61,835	45,810	391,873	.....	323,055	146,143	48,447	93,091	1,192	3,413	169,674	85,769
76	93,920	119,478	47,665	895,539	.....	838,377	354,726	113,435	234,756	1,064	5,471	1,213,772	135,713
77	26,009	60,885	16,890	75,699	.....	1,855	113,235	35,434	72,550	3,086	2,165	216,859	74,437
78	106,831	70,188	36,428	445,254	.....	375,092	189,363	63,640	118,481	554	7,982	769,212	119,539
79	101,975	65,982	57,279	401,532	.....	340,640	200,827	77,144	120,941	875	1,867	184,608	109,327
80	13,877	53,564	12,880	33,978	.....	1,601	53,303	35,310	15,291	1,490	612	38,538	24,628
81	104,294	55,513	15,546	1,177,122	.....	1,151,603	246,890	98,721	139,374	1,536	6,959	481,518	96,296
82	50,871	52,089	68,830	245,161	.....	169,448	154,626	39,521	105,538	335	9,232	243,641	76,397
83	14,737	49,569	17,746	127,920	.....	9,046	68,958	25,843	31,227	780	1,108	88,156	32,452
84	99,407	66,310	20,725	389,229	.....	347,314	245,760	59,091	161,201	432	24,536	624,866	115,299
85	50,809	64,557	33,143	324,428	.....	269,207	125,277	37,067	84,839	505	2,866	188,878	90,794
86	68,154	93,777	39,572	180,395	.....	53,824	146,400	43,366	99,109	1,297	2,688	265,706	103,267
87	68,881	40,187	28,487	681,527	.....	615,001	163,119	53,989	101,376	1,114	6,640	732,151	65,968
88	49,117	114,763	33,470	182,019	.....	10,217	148,364	58,321	83,199	3,512	1,108	317,909	78,216
89	147,205	127,657	70,121	528,482	.....	186,466	216,175	103,296	106,966	1,317	4,599	216,049	123,357
90	117,411	72,392	34,002	209,011	.....	206,332	212,092	54,738	144,541	558	12,355	548,565	94,612
91	65,398	75,446	37,615	705,368	.....	679,570	225,200	54,465	152,697	1,202	16,306	433,642	85,621
92	152,021	150,552	83,606	476,988	.....	331,044	293,847	110,315	174,218	1,101	8,213	315,269	169,569
93	56,092	52,350	29,497	247,952	.....	136,200	157,065	70,747	74,871	47	11,400	259,714	53,655
94	108,371	98,929	26,411	1,210,834	.....	1,169,971	220,354	63,905	131,270	2,491	23,778	217,269	126,428
95	16,967	58,913	22,065	54,747	.....	2,674	66,232	26,716	35,059	2,612	1,845	118,287	53,313
96	168,073	94,824	38,892	727,510	.....	693,080	319,847	126,330	175,536	5,081	13,900	262,604	97,652
97	13,282	87,464	27,455	133,818	.....	1,487	69,736	33,156	31,671	2,255	2,555	58,475	62,632
98	48,695	288,165	120,446	878,687	.....	5,210	323,803	160,738	156,620	13,267	4,178	188,810	139,782
99	11,908	19,025	14,030	116,393	.....	12,758	50,926	18,211	32,076	299	8,248	125,351	32,367
100	115,991	264,831	77,483	202,883	.....	9,027	404,408	147,630	244,185	4,065	8,223	609,305	149,723
101	30,896	29,806	10,964	346,380	.....	335,654	110,466	25,424	78,020	1,221	5,891	119,239	37,948
102	33,049	84,457	24,202	117,370	.....	13,765	122,467	45,002	73,481	1,599	3,365	191,628	72,977
103	16,408	63,520	19,892	63,233	.....	8,233	75,105	35,242	38,440	745	8,678	75,212	27,691
104	41,470	68,589	23,953	77,048	.....	6,776	131,083	33,727	92,847	1,368	3,146	190,182	83,671
105	127,760	92,563	20,278	1,073,420	.....	1,034,216	248,413	82,728	133,557	1,114	31,614	759,655	106,438
106	244,834	55,124	13,463	1,261,306	.....	1,197,839	388,653	213,559	155,102	258	19,734	975,647	132,013
107	87,949	59,603	49,540	329,026	.....	277,480	156,143	44,267	107,392	894	3,595	349,771	95,389
108	60,298	69,067	13,468	439,345	.....	409,215	195,141	83,856	101,562	766	8,627	378,756	76,691
109	73,429	60,762	19,103	213,794	.....	130,535	128,114	31,394	93,694	481	2,545	157,265	71,497
110	123,002	76,499	30,074	635,098	.....	545,702	143,201	53,370	84,406	979	4,446	315,422	134,367
111	68,715	68,941	21,095	553,288	.....	391,141	135,455	49,248	82,218	320	3,669	223,221	144,866

KENTUCKY—Continued.

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST SOUTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
<b>KENTUCKY—Continued.</b>									
112 Trimble.....	98,560	91,633	61,450	\$3,177,763	\$933,385	\$240,837	\$189,923	\$33,445	\$16,018
113 Union.....	208,000	201,431	179,218	12,748,004	2,208,069	1,711,161	1,232,112	461,248	17,474
114 Warren.....	339,200	321,926	233,516	13,255,552	2,101,502	1,185,584	971,088	125,428	88,508
115 Washington.....	191,300	185,848	151,432	9,507,365	1,672,214	507,206	410,039	65,860	26,591
116 Wayne.....	377,000	317,375	130,008	4,536,747	940,335	516,209	449,394	53,396	13,188
117 Webster.....	220,160	204,450	165,127	7,668,853	1,366,998	584,401	520,869	60,037	3,162
118 Whitley.....	374,400	248,287	121,280	3,698,492	827,500	378,178	370,540	460	7,048
119 Wolfe.....	147,200	137,508	77,525	1,921,845	441,381	219,138	122,464	1,822	4,720
120 Woodford.....	124,800	121,320	106,258	13,086,552	1,827,799	685,725	371,582	290,311	7,423

TENNESSEE.

1 The state.....	26,679,680	20,041,657	10,890,484	\$612,520,836	\$120,706,211	\$55,302,278	\$45,819,093	\$6,913,335	\$2,378,464
2 Anderson.....	215,680	162,000	73,939	3,112,092	635,059	252,339	225,237	14,798	11,904
3 Bedford.....	328,960	291,673	200,307	13,870,631	1,740,950	1,118,341	874,111	160,218	71,598
4 Benton.....	291,840	229,506	90,160	3,210,491	922,371	479,065	468,132	2,143	5,749
5 Blount.....	259,240	134,751	51,630	2,221,630	363,932	205,568	185,550	10,432	539
6 Blount.....	365,440	229,169	137,922	6,503,802	1,104,076	604,586	425,419	148,545	29,607
7 Bradley.....	215,040	188,483	92,385	3,840,100	668,805	237,296	181,703	39,618	15,627
8 Campbell.....	296,060	137,297	67,403	2,611,162	580,749	258,811	236,692	10,470	11,665
9 Cannon.....	171,520	159,876	78,711	3,795,880	749,830	497,784	433,423	38,955	13,703
10 Carroll.....	303,160	338,919	157,310	6,732,341	2,042,640	817,937	785,050	14,550	17,707
11 Carter.....	225,020	133,717	64,835	4,190,763	749,685	346,924	265,082	61,434	16,670
12 Cheatham.....	200,960	143,750	63,751	3,125,487	892,343	405,649	356,696	29,000	19,953
13 Chester.....	200,320	158,087	65,230	2,247,929	701,416	271,894	265,247	1,091	5,593
14 Clatsop.....	209,520	232,625	120,100	6,415,252	895,666	480,810	398,576	72,673	15,570
15 Clay.....	162,560	155,832	62,315	2,681,030	617,460	337,099	310,269	17,845	8,574
16 Cooke.....	273,280	208,753	113,428	5,273,488	929,269	537,241	430,030	97,402	8,183
17 Coffee.....	283,520	189,516	103,792	4,620,348	850,911	526,979	434,099	50,209	38,570
18 Crockett.....	170,880	145,613	109,422	6,357,966	1,780,795	612,486	539,086	34,467	38,333
19 Cumberland.....	419,200	117,441	25,614	1,570,483	344,242	83,776	80,003	1,149	1,362
20 Davidson.....	327,040	289,405	164,969	26,280,066	2,454,209	1,012,366	779,088	152,046	68,361
21 Decatur.....	184,320	174,937	61,910	2,451,827	736,160	340,427	338,359	523	7,545
22 DeKalb.....	199,040	197,912	101,818	5,024,190	1,133,528	711,150	625,737	62,131	17,457
23 Dickson.....	351,360	290,046	108,000	4,455,209	1,156,812	548,067	471,454	33,007	42,709
24 Dyer.....	320,000	202,717	150,815	11,522,559	2,782,964	1,085,438	370,687	152,770	61,672
25 Fayette.....	395,520	358,911	236,872	7,614,342	2,454,674	567,143	553,537	608	13,000
26 Fentress.....	311,040	143,973	33,865	1,214,073	311,079	147,893	141,331	2,736	2,740
27 Franklin.....	308,000	226,488	129,894	5,860,087	1,406,224	718,198	539,409	115,794	60,875
28 Grant.....	405,120	341,305	245,261	14,865,975	3,654,679	1,302,438	1,148,092	111,090	45,337
29 Giles.....	401,920	357,722	243,224	14,000,108	2,361,077	1,292,355	1,127,485	95,199	65,684
30 Grainger.....	190,480	187,061	111,659	4,957,687	871,620	439,155	341,051	71,526	25,314
31 Greene.....	392,320	354,421	251,034	13,092,529	1,752,956	938,759	635,851	200,696	39,550
32 Grundy.....	240,000	68,906	18,586	1,087,929	225,314	85,116	69,521	10,045	5,458
33 Hamblen.....	101,120	106,935	78,722	4,785,209	630,278	341,999	294,997	87,540	18,912
34 Hamilton.....	261,760	122,909	67,715	5,042,680	845,823	283,569	248,781	25,547	8,548
35 Hancock.....	145,920	131,440	72,533	3,153,672	431,171	245,835	207,060	34,299	4,991
36 Hardeman.....	446,080	346,428	140,761	5,015,192	1,510,567	476,210	473,084	1,080	1,620
37 Hardin.....	372,480	276,140	108,424	4,785,645	1,310,066	591,513	578,475	3,517	9,515
38 Hawkins.....	308,480	297,432	176,468	8,612,129	1,100,522	604,208	477,068	125,232	20,879
39 Haywood.....	325,120	249,615	183,431	8,136,570	2,700,703	732,607	699,841	10,069	29,655
40 Henderson.....	343,040	305,911	124,077	3,776,865	1,340,901	595,013	582,064	1,783	10,544
41 Henry.....	400,640	342,583	181,744	7,875,093	1,948,025	879,855	772,663	93,844	12,573
42 Hickman.....	364,800	250,807	90,799	4,675,102	1,035,664	601,958	589,116	40,084	32,356
43 Houston.....	126,080	81,792	29,303	1,381,332	332,260	161,032	152,836	5,244	2,887
44 Humphreys.....	288,640	226,413	76,353	4,502,924	900,644	560,618	510,062	29,793	14,662
45 Jackson.....	192,640	181,809	100,167	5,226,284	993,734	581,828	527,291	35,335	18,939
46 James.....	105,600	84,959	37,940	1,339,050	274,209	134,989	112,948	17,742	4,174
47 Jefferson.....	199,680	184,130	130,322	6,975,174	1,042,220	708,609	493,195	182,997	32,255
48 Johnson.....	188,160	110,564	59,141	3,028,609	262,602	568,798	199,532	24,374	16,997
49 Knox.....	322,560	285,344	190,851	14,462,429	2,020,629	725,396	553,433	109,427	60,868
50 Lake.....	78,080	58,409	48,199	3,551,754	1,408,457	204,461	204,461	17,916	19,527
51 Lauderdale.....	214,840	214,702	120,437	8,462,610	2,544,881	662,609	624,694	17,916	19,527
52 Lawrence.....	391,640	235,700	81,339	3,792,583	831,927	499,080	442,170	30,925	24,692
53 Lewis.....	183,640	67,314	17,993	1,012,224	200,713	105,070	90,123	4,989	3,927
54 Lincoln.....	375,680	322,813	195,859	12,732,747	2,008,127	1,293,337	1,060,715	134,815	46,866
55 Loudon.....	140,160	141,140	85,861	3,701,070	643,743	320,960	229,540	73,800	17,258
56 McMinn.....	276,480	293,461	146,078	4,955,208	998,308	442,619	352,060	69,914	18,681
57 McNairy.....	376,320	279,754	93,460	3,267,989	1,074,230	418,753	412,742	1,112	4,899
58 Macon.....	183,040	184,963	94,085	4,202,198	1,040,268	503,067	461,191	17,847	23,755
59 Madison.....	353,280	308,957	168,232	8,016,068	2,248,521	798,643	750,240	24,262	18,211
60 Marion.....	322,560	121,046	49,270	2,656,305	484,705	243,640	221,310	11,430	10,883
61 Marshall.....	241,920	227,539	137,153	10,137,353	1,396,106	903,069	600,508	140,624	89,756

STATISTICS, BY COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

EAST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
112	\$30,886	\$45,917	\$43,308	\$560,437	.....	\$530,017	\$120,385	\$35,914	\$80,822	\$960	\$2,689	\$91,593	\$54,765
113	177,711	41,366	29,394	248,437	.....	218,583	187,877	48,038	135,428	1,117	3,294	819,795	123,928
114	186,691	129,406	109,161	490,660	.....	357,877	345,979	138,542	198,191	1,153	8,093	1,380,258	161,958
115	92,839	85,344	37,746	949,079	\$40	823,500	237,612	158,236	158,322	1,080	19,974	504,822	139,426
116	81,064	138,294	07,228	136,940	27	1,553	184,530	58,710	116,280	3,460	6,080	446,663	105,727
117	105,228	62,447	42,540	572,382	8	498,974	159,831	54,475	102,582	664	2,110	286,200	122,483
118	83,102	190,421	62,138	104,667	39	1,922	204,605	97,988	96,422	5,342	4,853	177,978	91,091
119	22,974	56,871	20,524	121,874	100	2,562	67,202	29,409	33,074	2,404	2,315	107,995	48,799
120	101,526	92,203	12,496	935,789	.....	876,525	158,971	55,184	94,503	532	8,752	717,997	65,172

KENTUCKY—Continued.

TENNESSEE.													
1	\$12,617,538	\$10,430,975	\$4,486,281	\$37,869,139	\$17,966,517	\$5,681,681	\$21,461,594	\$8,715,441	\$12,192,287	\$183,062	\$370,894	\$37,637,861	\$12,209,566
2	137,262	107,329	29,366	108,763	69	1,161	158,831	75,987	78,455	3,333	1,006	174,378	67,127
3	306,543	129,732	29,042	157,258	22,280	445	390,248	105,370	267,886	2,474	24,518	1,448,750	296,849
4	82,454	64,242	10,280	280,530	103,408	2,936	123,697	41,509	89,026	1,109	1,633	157,533	132,155
5	59,344	37,881	24,413	36,726	.....	801	72,321	27,728	40,491	1,108	2,994	201,518	43,294
6	221,821	118,299	86,974	162,396	227	883	287,186	117,634	163,364	3,242	2,946	397,291	108,795
7	160,673	69,093	43,291	158,452	38,750	362	178,787	112,415	63,765	1,588	1,019	160,969	63,190
8	98,788	130,669	37,262	49,219	26	1,065	149,580	65,107	78,641	4,542	1,290	204,319	83,373
9	77,767	64,498	30,305	79,476	20	737	176,191	48,993	118,697	2,578	6,923	544,504	111,156
10	133,234	130,108	56,739	905,192	657,385	2,745	263,704	96,614	163,797	1,468	1,830	312,458	213,950
11	122,740	113,598	50,966	115,457	.....	354	186,514	84,033	99,455	2,198	828	111,288	78,572
12	61,175	71,159	18,526	305,834	320	241,895	102,004	40,843	60,108	465	588	116,850	102,366
13	37,756	54,407	6,963	330,396	246,343	263	97,562	45,202	51,541	290	529	64,677	77,589
14	109,675	175,585	59,727	63,860	14	1,043	270,576	86,431	176,760	4,829	2,556	254,155	121,566
15	31,959	61,916	10,643	166,838	16	10,462	92,849	25,554	63,848	896	2,561	234,044	73,569
16	114,343	93,228	82,398	102,059	41	7,891	260,479	71,844	182,068	4,707	1,860	345,481	105,091
17	103,680	83,883	32,217	104,152	2,138	5,782	168,576	51,269	111,846	1,184	4,277	757,813	92,562
18	146,789	149,666	94,008	777,846	610,797	37	196,985	74,338	121,650	592	396	284,316	163,686
19	78,049	79,993	23,920	78,504	.....	822	66,825	32,135	27,870	580	6,240	145,129	45,365
20	462,519	402,331	174,367	402,716	2,364	44,169	1,036,327	742,949	280,629	3,623	9,126	678,967	172,967
21	39,425	40,025	3,755	306,528	171,240	280	103,704	32,681	69,293	716	1,014	97,965	85,795
22	99,744	99,738	51,680	171,216	343	1,344	241,499	55,675	179,309	2,564	3,561	792,258	154,100
23	145,023	130,899	28,751	304,072	.....	157,514	180,780	72,783	104,951	657	2,389	229,410	159,215
24	186,849	101,804	38,443	1,340,430	1,060,562	703	294,419	120,866	166,495	1,556	2,502	645,460	206,796
25	73,164	122,338	21,237	1,669,802	1,363,405	130	226,801	111,162	114,481	290	888	169,139	173,219
26	34,607	59,324	19,451	50,804	61	829	42,555	18,007	30,501	1,293	2,754	74,560	44,643
27	191,691	118,526	39,257	398,552	12,800	1,778	226,755	87,138	124,639	2,181	3,397	354,726	120,456
28	297,545	418,184	182,576	1,453,936	1,067,463	539	494,050	182,921	304,513	1,604	3,012	897,600	295,085
29	173,364	156,020	52,721	686,617	306,092	27	177,229	134,564	272,115	1,244	9,306	1,347,375	257,238
30	103,221	105,810	68,553	154,881	16	1,302	252,513	63,561	181,919	3,859	3,174	316,371	121,979
31	264,893	195,588	57,613	296,283	28	179,777	557,445	127,423	419,250	7,805	2,967	1,031,857	178,832
32	39,657	57,106	22,203	21,232	.....	143	45,453	17,691	25,671	1,470	621	62,949	26,166
33	119,058	70,900	36,236	62,085	27	4,473	195,264	66,594	124,648	2,677	1,345	484,842	81,842
34	125,800	119,775	144,639	172,040	2,707	112	255,008	179,077	74,205	1,286	440	84,962	50,624
35	36,131	62,512	27,146	59,547	19	2,240	136,559	28,016	103,418	2,801	2,224	273,259	99,966
36	62,453	96,673	22,404	852,827	642,754	33	192,134	85,404	94,704	734	1,292	114,760	142,984
37	80,965	85,532	13,413	538,643	354,840	528	161,418	58,874	100,236	1,038	1,270	296,533	154,657
38	186,532	153,869	45,952	109,961	24	2,398	367,694	80,370	276,144	4,991	6,089	747,905	142,583
39	166,932	121,133	41,288	1,638,743	1,320,811	65	232,852	104,443	127,018	391	1,000	143,688	163,662
40	60,388	75,679	20,580	589,243	434,782	241	173,708	61,710	109,822	750	1,426	265,495	183,853
41	202,396	96,085	66,952	702,737	160,824	370,342	246,845	99,215	143,853	982	2,786	317,004	202,525
42	99,996	94,623	13,849	165,233	169	966	146,414	37,290	105,563	1,013	2,548	421,569	136,372
43	56,513	32,359	5,253	77,103	.....	31,281	59,565	22,257	36,174	233	901	56,121	41,381
44	102,054	77,969	8,917	211,086	.....	1,491	142,028	51,047	88,121	981	1,879	539,428	112,295
45	36,884	92,225	44,326	238,471	14	133,115	174,058	34,897	132,932	1,639	4,890	342,064	137,686
46	47,325	33,769	17,763	40,363	7,532	249	59,785	28,835	30,053	672	225	54,914	39,162
47	152,274	76,069	34,454	69,914	80	534	246,208	75,839	166,069	2,275	2,025	594,462	108,362
48	108,149	71,257	33,577	93,213	.....	210	112,463	44,388	61,619	2,012	4,444	230,963	74,069
49	459,471	347,305	150,251	338,146	22	1,624	669,585	392,940	271,446	4,536	663	369,286	118,756
50	38,393	22,276	3,051	1,150,306	974,664	.....	58,920	28,814	29,700	408	.....	95,781	40,408
51	121,398	73,979	70,497	1,611,028	1,319,049	21	214,461	89,580	124,046	452	383	157,531	114,542
52	83,361	95,677	7,484	146,225	35,752	338	117,962	56,470	59,015	416	2,061	253,454	162,767
53	30,498	29,902	786	34,457	40	622	41,945	20,666	19,889	204	1,086	66,294	28,299
54	171,426	151,911	51,351	460,102	241,797	27	395,479	119,304	259,459	919	15,767	1,174,836	237,392
55	32,499	45,275	28,869	56,131	4	.....	126,430	67,468	55,739	1,993	1,230	220,128	52,946
56	177,454	80,911	73,429	223,895	61,280	767	293,688	159,743	129,366	2,263	2,316	202,455	110,878
57	49,709	74,978	10,464	523,326	352,816	187	175,982	61,333	111,541	533	2,525	168,304	108,170
58	93,282	100,142	42,448	307,329	22	217,434	128,602	39,363	85,021	1,154	3,064	176,674	136,946
59	150,186	142,244	70,177	1,088,971	809,250	104	317,340	184,206	130,975	951	1,207	198,561	184,491
60	84,237	80,293	29,789	46,737	848	405	121,479	69,440	57,731	2,706	1,602	97,824	59,272
61	193,778	105,491	55,945	137,828	3,002	615	352,844	90,70					

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST SOUTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1900					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>T E N N E S S E</b> —Continued.										
62	Maury	372,480	365,321	230,655	\$20,590,601	\$2,704,726	\$1,002,363	\$1,221,742	\$528,818	\$145,805
63	Meigs	127,360	125,084	62,410	2,334,656	394,687	224,756	193,935	19,547	6,283
64	Monroe	430,720	255,247	132,435	5,590,513	1,138,334	559,320	423,341	116,411	18,823
65	Montgomery	330,240	324,711	213,458	9,058,865	2,540,951	946,079	775,143	146,741	23,910
66	Moore	90,240	68,240	43,132	2,507,915	350,467	264,041	220,670	22,719	10,843
67	Morgan	338,560	110,014	30,170	1,502,078	331,850	96,546	91,436	459	2,292
68	Oblon	353,280	307,021	210,485	10,566,936	3,089,838	2,137,614	1,078,439	412,993	45,792
69	Overton	285,440	214,801	95,323	3,411,715	740,476	403,160	259,097	25,001	16,962
70	Perry	311,680	185,688	44,738	3,013,760	644,814	353,833	343,833	2,511	7,489
71	Pickett	103,680	77,168	34,280	1,005,667	300,343	187,220	167,064	13,157	6,813
72	Polk	276,480	99,795	37,542	1,380,927	371,053	125,662	125,274	13,840	3,010
73	Putnam	253,560	129,453	105,092	4,800,841	1,048,093	545,867	484,683	27,854	32,166
74	Rhea	234,600	122,850	63,778	3,234,780	741,384	226,783	199,955	16,614	10,617
75	Roane	248,320	203,497	100,406	3,852,002	811,050	386,559	348,649	29,766	7,874
76	Robertson	291,200	205,051	222,562	10,981,224	3,225,383	1,189,381	713,189	423,440	60,500
77	Rutherford	392,060	363,823	221,212	15,083,903	2,847,730	1,322,365	1,093,488	158,413	69,235
78	Scott	352,000	132,081	39,621	1,048,339	445,057	123,204	124,306	24	2,652
79	Sequatchie	108,060	54,750	20,171	1,022,480	189,606	95,152	86,062	3,545	545
80	Seyler	375,680	280,370	132,293	6,694,804	1,154,990	639,996	495,849	126,905	16,263
81	Shelby	512,540	344,670	201,485	27,037,199	4,206,207	774,794	763,865	728	9,741
82	Smith	189,440	202,928	121,510	9,398,500	1,480,219	845,729	709,646	90,882	43,789
83	Stewart	287,360	199,630	91,633	3,593,507	1,018,950	515,210	464,623	48,461	2,116
84	Sullivan	279,040	228,474	150,761	9,496,273	1,215,784	647,996	444,931	165,308	35,194
85	Sumner	357,120	325,000	217,106	13,096,515	2,129,850	1,191,406	940,620	109,720	77,908
86	Tipton	282,880	237,878	165,950	10,593,392	3,763,439	921,030	896,014	5,786	19,190
87	Trousdale	67,840	69,102	42,580	2,907,798	492,348	270,441	227,037	20,372	22,432
88	Union	128,640	49,876	20,813	1,094,113	191,310	90,462	77,428	8,265	3,429
89	Union	150,400	148,408	85,220	3,159,009	575,867	288,187	245,687	20,199	14,367
90	Van Buren	187,520	50,815	18,097	648,939	123,984	67,993	62,050	4,541	1,376
91	Warren	270,720	240,875	131,199	5,023,820	966,093	569,072	442,882	66,920	57,690
92	Washington	208,000	180,334	137,846	9,555,313	1,192,440	630,090	387,950	199,120	40,635
93	Wayne	479,360	229,036	59,000	2,488,901	618,232	353,200	342,300	4,641	6,241
94	Woolley	371,200	332,809	224,150	11,076,478	2,807,744	1,153,797	1,045,284	94,534	13,677
95	White	232,320	175,245	102,503	4,030,342	852,518	438,021	389,514	32,261	15,543
96	Williamson	375,040	323,108	187,382	14,986,012	2,107,756	1,471,852	847,708	512,233	99,831
97	Wilson	392,320	354,642	191,820	14,201,252	1,883,330	1,135,884	912,022	131,786	81,342

**A L A B A M A.**

1	The state	82,818,560	20,782,312	9,693,581	\$370,138,429	\$144,287,347	\$30,927,210	\$28,677,082	\$120,873	\$2,117,793
2	Autauga	373,700	245,668	114,851	3,882,789	1,724,394	312,240	274,869	23	37,308
3	Baldwin	1,020,800	152,938	32,803	4,113,374	688,913	136,519	130,165	100	28,772
4	Barbour	583,680	423,587	243,978	5,889,213	3,084,536	633,287	604,115	87	23,283
5	Bibb	405,700	181,213	64,065	3,175,686	1,056,892	261,903	239,643	87	23,283
6	Blount	416,360	207,897	120,188	4,509,247	1,715,387	528,173	491,299	1,876	35,413
7	Bulllock	390,400	297,384	220,247	5,393,925	2,280,643	350,898	320,209	28	30,679
8	Butler	488,320	338,358	153,356	5,512,075	2,427,182	427,636	379,399	28	48,237
9	Calhoun	403,200	258,143	119,086	5,232,030	1,827,330	364,280	328,796	5,491	31,890
10	Chambers	376,320	333,997	187,851	8,083,620	3,663,654	528,994	465,238	2,887	60,665
11	Cherokee	369,280	283,319	129,071	5,216,240	1,949,424	464,844	442,744	4,268	17,689
12	Chilton	466,560	263,803	103,188	4,437,151	1,798,200	380,162	332,040	1,401	46,534
13	Choctaw	596,480	331,488	112,178	3,527,544	1,400,705	266,284	254,208	11,969	11,969
14	Clarke	778,240	486,656	155,423	5,441,893	1,936,493	308,558	351,002	17,496	17,496
15	Clay	302,060	255,330	109,200	3,947,220	1,804,634	438,996	405,810	2,735	30,739
16	Cleburne	363,620	200,838	69,429	2,477,031	1,014,594	299,336	279,822	3,194	16,078
17	Coffee	483,020	357,020	185,426	6,214,850	2,973,299	666,230	646,964	80	19,192
18	Colbert	395,520	233,360	121,501	4,638,221	1,517,098	506,679	490,066	743	15,815
19	Conecuh	543,360	269,770	104,045	5,278,417	1,888,335	378,200	356,470	21,790	21,790
20	Cook	416,200	272,064	108,388	3,068,752	1,519,610	381,019	320,651	208	60,160
21	Covington	666,880	315,240	119,812	5,508,568	2,333,127	475,771	449,696	30	26,078
22	Crenshaw	395,520	300,836	149,297	5,160,485	2,397,148	524,063	493,576	925	30,468
23	Cullman	488,320	343,008	142,888	6,170,474	2,252,803	529,201	497,882	28	29,901
24	Dale	390,520	314,874	159,282	4,567,858	2,498,072	535,545	517,099	25	18,420
25	Dallas	612,480	362,745	250,586	8,154,108	3,896,293	532,365	501,493	25	30,845
26	DeKalb	503,040	363,621	151,933	6,297,937	2,223,764	688,080	657,911	5,879	24,659
27	Elmore	398,080	296,754	140,716	6,022,741	2,304,536	497,397	399,464	639	97,294
28	Escambia	612,480	127,034	43,102	2,629,183	786,189	167,746	150,101	1,830	11,209
29	Etowah	346,880	249,368	112,123	4,673,309	1,574,477	324,276	303,981	16	16,906
30	Fayette	411,520	296,019	92,816	3,837,050	1,440,712	383,927	367,105	380	22,341
31	Franklin	414,080	256,827	90,826	3,435,302	1,346,870	488,640	465,893	16	22,341
32	Genova	369,020	275,008	131,908	5,547,259	2,737,339	584,654	560,397	75	24,163
33	Greene	406,400	279,575	158,155	4,791,661	1,660,978	246,923	237,818	101	9,530
34	Hale	413,440	328,705	186,180	6,771,261	2,205,046	321,284	303,347	60	17,831
35	Henry	368,400	306,069	164,890	4,771,464	2,846,693	542,578	506,892	60	35,541
36	Houston	370,560	324,008	184,319	7,031,404	3,383,287	791,154	736,903	60	55,094

# STATISTICS, BY COUNTIES.

797

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## EAST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>TENNESSEE—Continued.</b>													
62	\$320,379	\$228,714	\$63,494	\$189,776	\$8,546	\$764	\$529,825	\$211,006	\$294,490	\$4,934	\$19,395	\$1,544,861	\$321,554
63	75,267	31,343	27,806	36,015	7	377	70,879	23,429	45,137	1,239	1,074	127,969	50,632
64	173,852	104,472	96,936	203,754	6,368	932	246,230	124,441	115,554	3,602	2,633	299,601	164,815
65	180,100	146,843	56,468	1,220,461	.....	1,054,261	263,043	115,557	144,003	996	2,487	391,554	283,331
66	42,113	24,441	9,146	19,726	.....	23	82,711	23,029	56,789	333	2,360	250,824	50,391
67	81,224	96,113	16,700	41,267	15	973	71,087	37,265	28,462	1,595	3,665	72,719	47,600
68	230,412	118,391	69,055	534,366	224,095	164,837	336,452	129,578	194,995	2,414	7,465	1,222,866	318,217
69	63,058	108,298	51,798	130,156	146	1,665	147,376	49,201	92,441	2,161	3,573	225,030	166,317
70	30,196	46,091	3,963	210,731	6,191	1,112	73,458	23,681	47,620	1,160	1,597	224,303	86,695
71	11,960	39,822	14,404	55,931	94	784	51,381	15,045	33,598	841	1,397	83,971	44,500
72	53,228	37,260	15,347	123,456	68,560	780	63,908	29,241	30,199	3,194	1,274	62,767	43,194
73	81,589	108,285	48,366	264,856	781	18,166	212,250	67,247	138,750	2,507	3,746	512,671	133,676
74	117,992	65,653	253,763	77,193	.....	211	107,649	56,984	48,872	1,103	690	122,542	62,709
75	176,342	99,244	30,800	118,705	120	661	170,279	74,892	93,224	1,587	576	117,530	66,656
76	224,042	147,216	85,653	1,579,091	.....	1,431,124	282,928	100,946	158,141	1,487	2,354	313,815	206,729
77	325,900	185,498	43,985	969,991	501,624	2,402	492,556	194,929	282,394	3,587	11,646	1,498,964	259,732
78	49,546	103,849	20,728	136,730	.....	602	80,236	36,081	39,009	2,672	3,064	62,552	45,613
79	35,529	31,224	14,833	12,928	59	134	45,889	15,374	28,517	780	1,218	64,139	25,329
80	143,201	144,944	69,469	157,380	198	1,588	315,790	95,574	212,670	5,280	2,866	419,352	147,187
81	161,678	401,314	73,005	2,885,476	2,355,801	25	801,195	549,178	249,725	983	1,309	322,563	261,329
82	182,344	91,657	42,726	317,763	.....	251,354	234,411	56,308	161,582	1,146	15,375	795,871	192,179
83	89,100	78,026	15,213	321,401	.....	240,387	141,770	56,046	83,533	594	1,597	258,226	129,625
84	196,658	154,193	32,684	184,254	.....	504	369,686	130,599	229,949	4,989	4,149	360,978	131,636
85	260,550	162,510	76,776	438,608	.....	287,105	351,687	126,604	204,203	1,886	18,994	1,116,385	215,602
86	151,447	139,299	45,090	2,505,673	2,055,851	221	317,275	136,645	179,010	761	859	264,094	224,295
87	71,443	28,673	15,071	106,720	.....	81,236	76,536	48,393	23,358	407	6,378	223,451	58,799
88	23,011	36,686	22,575	18,576	.....	582	42,793	21,480	19,466	1,455	392	31,394	18,329
89	90,253	87,226	32,740	77,461	78	942	188,285	56,897	127,677	2,834	1,477	159,144	89,719
90	11,382	13,919	4,567	26,123	.....	80	18,636	5,464	11,624	523	1,025	31,677	21,394
91	116,853	112,126	53,592	114,449	128	1,694	230,442	68,871	157,113	1,585	2,923	403,242	118,854
92	199,373	142,837	57,358	165,185	.....	55,106	326,772	112,174	206,274	3,780	1,564	337,124	155,115
93	75,443	71,599	8,166	109,764	.....	242	102,217	47,306	50,659	1,105	3,147	262,151	78,685
94	297,612	177,792	132,314	1,046,229	263,893	593,086	383,795	144,179	234,279	1,847	3,490	621,518	309,691
95	104,269	112,690	109,194	83,544	467	1,006	161,908	50,770	105,497	2,625	2,416	282,950	111,794
96	230,188	144,573	35,639	225,604	1,615	26,790	347,763	148,837	177,239	3,628	18,061	1,264,433	229,694
97	380,815	148,047	56,514	162,579	1,952	2,387	464,441	150,361	284,825	2,998	26,262	1,567,355	228,311

## ALABAMA.

1	\$3,357,132	\$9,842,784	\$2,189,387	\$97,970,834	\$74,205,236	\$14,892	\$12,697,289	\$6,396,198	\$6,139,398	\$99,977	\$61,716	\$5,543,718	\$7,606,346
2	28,626	100,749	19,318	1,263,461	984,184	45	120,942	59,912	59,858	1,062	110	38,072	66,047
3	60,504	199,965	16,532	275,398	150,175	250	118,117	62,266	63,062	782	12,007	38,974	49,412
4	10,525	145,092	9,269	2,288,963	1,790,590	4	147,190	65,796	80,393	875	126	36,545	145,693
5	40,406	115,095	29,497	608,991	435,079	.....	111,668	61,058	47,886	2,209	515	93,866	61,712
6	32,355	141,792	81,998	931,069	704,859	290	241,122	127,389	111,988	1,240	505	198,660	113,718
7	15,542	100,419	38,598	1,775,186	1,412,734	5	131,961	56,247	74,138	1,409	167	40,369	68,568
8	36,399	151,973	18,795	1,792,379	1,352,105	67	152,667	77,908	71,828	1,977	854	35,435	114,550
9	78,313	104,182	45,219	1,232,330	962,523	19	280,701	134,291	94,967	1,127	326	57,189	77,415
10	40,755	149,979	50,575	2,888,351	2,352,949	.....	253,696	133,857	118,102	1,515	62	64,731	126,514
11	53,012	110,344	38,551	1,273,675	1,000,740	393	189,139	100,864	86,825	1,263	187	85,359	78,693
12	33,938	172,980	40,307	1,140,822	749,840	568	186,530	107,343	77,224	1,571	392	87,325	126,222
13	15,311	91,759	7,485	1,079,866	782,487	.....	97,071	43,249	52,542	1,045	235	43,109	76,697
14	10,703	162,735	4,437	1,390,030	1,056,145	.....	145,282	63,461	73,169	3,051	601	57,475	89,157
15	38,925	127,462	49,588	1,149,663	896,111	294	190,445	89,398	99,060	1,787	200	97,946	92,469
16	17,696	69,001	31,484	597,077	445,113	152	114,709	57,454	55,869	1,109	187	54,859	48,433
17	17,523	127,527	12,231	2,149,782	1,562,727	111	150,501	71,787	76,595	2,103	16	59,988	208,017
18	49,497	81,058	19,053	959,911	664,584	100	135,157	77,969	73,968	659	563	97,293	126,749
19	35,091	93,680	33,848	1,847,456	987,693	212	141,892	58,787	79,687	1,645	1,306	21,661	145,210
20	26,643	99,722	16,487	995,739	774,346	246	148,502	79,546	66,720	2,120	116	59,418	73,246
21	51,915	187,693	32,287	1,685,471	955,648	507	173,176	82,417	86,540	2,252	1,967	61,545	216,746
22	24,126	125,476	18,562	1,704,921	1,283,980	45	164,996	69,132	94,358	1,506	.....	51,634	142,327
23	65,020	184,801	120,449	1,353,292	1,034,815	415	230,659	108,624	120,441	1,302	292	91,493	121,632
24	6,072	117,167	1,659	1,838,229	1,350,184	.....	144,755	65,230	78,602	908	15	49,460	212,125
25	104,361	177,654	15,142	3,066,771	2,540,271	.....	223,751	97,787	122,900	2,846	218	58,524	85,361
26	80,850	190,837	65,039	1,198,358	847,309	1,001	295,353	136,439	155,546	1,228	2,140	188,787	187,436
27	43,796	126,011	14,511	1,622,821	1,274,077	.....	196,991	101,195	93,663	1,866	237	87,374	69,639
28	26,163	89,096	29,172	453,992	323,721	.....	98,203	37,911	53,136	1,496	5,640	22,965	53,181
29	71,178	142,487	57,506	949,030	693,785	624	229,844	126,842	101,615	1,026	263	71,646	79,830
30	23,248	110,510	37,872	885,155	684,205	106	158,794	72,834	84,245	1,341	374	70,514	88,891
31	32,298	96,919	23,541	709,481	452,639	52	147,615	66,403	79,789	847	576	103,117	116,384
32	24,397	152,848	6,173	1,969,267	1,329,104	.....	151,487	63,616	85,239	1,463	1,169	41,760	240,796
33	55,846	97,579	25,950	1,234,675	974,630	1	128,399	71,472	55,827	422	605	23,767	47,367
34	93,652	111,132	21,789	1,717,189	1,365,477	745	139,592	64,478	70,798	3,449	967	88,865	76,929
35	5,928	116,981	1,500	2,179,706	1,679,580	30	110,271	51,090	57,880	1,338	13	60,475	182,331
36	24,082	191,271	7,536	2,369,244	1,657,881	.....	165,340	65,530	98,434	1,224	152	66,788	316,996

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF EAST SOUTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
37 Jackson.....	720,000	443,289	100,890	\$7,252,462	\$2,212,734	\$337,880	\$806,356	\$1,840	\$28,108
38 Jefferson.....	726,400	235,820	95,856	13,819,790	1,878,843	503,022	444,745	2,000	54,859
39 Lamar.....	384,640	313,065	94,926	3,634,671	1,403,519	332,137	311,815	85	20,713
40 Lauderdale.....	444,160	345,502	163,793	6,680,001	2,270,326	806,575	773,010	14,038	19,440
41 Lawrence.....	448,000	311,481	102,022	5,447,203	2,170,761	633,647	568,584	306	34,726
42 Lee.....	404,480	318,199	101,635	6,076,170	2,728,080	402,903	330,902	1,309	70,388
43 Limestone.....	381,440	298,393	103,292	7,668,693	2,420,623	743,772	715,348	9,229	19,074
44 Lowndes.....	472,900	307,889	104,390	6,271,079	2,797,600	414,476	392,194	384	21,891
45 Macon.....	302,960	251,265	171,118	5,422,585	2,144,207	313,768	268,187	96	45,444
46 Madison.....	519,040	408,781	245,056	10,947,142	3,378,691	938,974	865,349	26,564	46,816
47 Marengo.....	618,240	453,389	238,944	7,370,740	3,221,171	475,577	450,503	150	18,492
48 Marion.....	475,520	318,328	93,701	3,287,497	1,358,319	422,886	402,293	175	20,380
49 Marshall.....	385,280	330,132	152,846	6,752,843	2,445,721	613,160	580,094	743	31,632
50 Mobile.....	784,640	144,460	22,031	3,905,392	906,251	103,320	102,515	.....	677
51 Monroe.....	407,680	439,289	164,705	5,911,390	2,520,974	406,958	384,533	.....	23,372
52 Montgomery.....	512,640	383,686	285,861	11,700,811	4,066,478	612,432	548,282	30	64,190
53 Morgan.....	375,680	294,200	140,370	5,858,352	2,028,526	568,450	526,080	3,759	38,716
54 Perry.....	471,880	356,740	188,273	6,372,671	3,007,767	462,377	419,471	.....	42,426
55 Pickens.....	560,000	370,291	151,344	4,843,444	1,848,592	324,053	310,217	2	13,884
56 Pike.....	429,440	304,844	220,823	7,018,709	3,214,145	607,030	570,337	34	36,502
57 Randolph.....	377,600	302,254	147,000	5,197,223	2,261,015	563,673	515,265	11,384	37,322
58 Russell.....	419,200	193,440	103,440	4,171,659	2,136,383	356,402	307,479	12	48,911
59 St. Clair.....	412,800	227,015	89,672	3,340,458	1,101,380	277,014	251,246	618	25,170
60 Shelby.....	515,840	379,119	279,009	4,313,638	1,479,540	365,002	319,405	1,095	44,426
61 Sumter.....	581,120	371,291	211,670	6,287,329	2,345,931	387,374	378,440	20	8,914
62 Talladega.....	483,200	283,084	164,935	6,168,923	2,790,690	570,470	479,889	8,568	81,856
63 Tallapoosa.....	488,320	400,193	187,712	6,809,606	2,977,595	625,911	527,304	1,787	96,789
64 Tuscaloosa.....	801,440	450,211	163,119	7,650,502	2,776,285	573,152	534,462	89	38,264
65 Walker.....	497,280	250,003	76,147	3,661,179	1,281,334	419,080	392,601	43	26,426
66 Washington.....	695,680	344,620	42,064	2,935,267	801,008	148,148	142,495	.....	5,404
67 Wilcox.....	573,440	378,130	215,131	6,494,208	3,215,735	521,444	502,867	.....	18,582
68 Winston.....	403,200	255,394	63,233	2,037,910	894,234	267,083	253,596	61	13,335

MISSISSIPPI.

1 The state.....	20,671,660	18,557,533	9,008,310	\$420,314,634	\$147,315,021	\$26,864,772	\$26,030,376	\$4,348	\$822,932
2 Adams.....	272,640	161,494	72,020	3,568,416	598,614	178,887	177,054	.....	1,007
3 Alcorn.....	247,040	212,295	89,401	3,454,387	1,011,107	301,022	290,053	183	2,378
4 Amite.....	450,960	360,825	144,048	4,884,657	1,937,736	460,060	436,704	81	23,119
5 Attala.....	467,000	401,298	167,504	6,373,089	2,225,614	457,029	427,941	60	29,028
6 Benton.....	253,440	208,617	81,220	2,434,737	797,350	224,634	223,384	100	1,640
7 Bolivar.....	592,500	328,085	251,595	19,100,637	6,894,420	608,359	601,420	600	6,339
8 Calhoun.....	370,500	282,094	105,207	4,837,587	1,533,933	523,790	505,768	62	17,925
9 Carroll.....	309,390	318,436	151,730	5,390,822	2,223,894	474,535	471,748	35	2,752
10 Chickasaw.....	320,640	244,675	130,141	5,780,895	1,844,693	451,528	444,448	.....	7,080
11 Choctaw.....	264,900	237,768	98,422	3,584,040	1,107,220	275,181	260,020	78	15,647
12 Claiborne.....	312,960	224,180	115,748	3,741,692	1,130,432	226,633	225,964	.....	640
13 Clarke.....	432,000	492,739	95,007	3,628,010	1,383,082	230,357	206,920	.....	23,301
14 Clay.....	201,120	220,976	142,503	6,013,685	1,711,080	280,866	280,852	.....	3,004
15 Coahoma.....	339,200	211,387	173,389	14,064,491	5,152,872	557,898	551,112	.....	6,166
16 Copiah.....	492,160	383,265	206,150	7,447,213	2,698,630	444,317	430,534	30	13,763
17 Covington.....	202,400	159,064	50,412	2,811,268	1,118,887	227,243	207,010	.....	19,294
18 De Soto.....	304,000	269,557	177,874	3,464,500	2,885,962	522,086	519,522	175	2,373
19 Forrest.....	295,080	81,170	21,973	1,026,030	501,710	114,130	102,507	.....	11,523
20 Franklin.....	350,080	221,417	85,416	2,778,257	1,041,007	303,698	259,292	.....	4,147
21 George.....	304,000	51,467	0,413	803,470	148,092	51,039	48,096	.....	1,411
22 Greene.....	454,400	110,200	12,448	1,542,315	253,338	67,795	65,177	.....	2,537
23 Grenada.....	282,880	94,328	.....	3,780,000	1,394,857	293,352	291,479	56	1,817
24 Hancock.....	300,160	34,141	3,877	740,084	114,012	25,299	24,390	.....	894
25 Harrison.....	648,320	117,849	14,103	2,069,701	427,205	92,683	88,552	.....	3,355
26 Hinds.....	549,120	388,680	281,099	10,761,427	3,748,340	682,311	569,790	243	12,228
27 Holmes.....	533,700	381,302	235,610	10,985,157	3,687,953	588,799	583,751	17	5,021
28 Issaquena.....	259,840	78,246	54,153	3,940,569	1,657,865	190,441	160,435	.....	1,817
29 Itawamba.....	338,500	275,060	95,178	3,008,850	1,333,169	420,781	412,864	10	7,898
30 Jackson.....	454,400	86,169	8,514	1,670,747	247,437	36,335	35,199	.....	631
31 Jasper.....	426,880	289,387	95,410	4,029,928	1,557,055	258,652	230,273	.....	28,379
32 Jefferson.....	324,480	224,095	123,651	3,841,682	1,035,005	257,396	252,689	.....	4,616
33 Jefferson Davis.....	258,560	157,588	73,722	2,921,839	1,400,282	299,538	277,278	.....	22,280
34 Jones.....	445,440	224,881	67,303	4,000,937	1,468,456	254,595	226,985	24	27,496
35 Kemper.....	481,280	318,795	161,533	5,042,243	1,735,125	345,029	331,250	20	15,759
36 Lafayette.....	424,960	347,785	133,000	4,898,064	2,165,353	615,201	610,853	31	4,314
37 Lamar.....	310,800	68,458	17,919	1,131,008	399,721	100,536	95,948	.....	4,616
38 Lauderdale.....	448,000	298,423	133,609	5,877,498	2,190,549	291,569	236,035	25	25,422
39 Lawrence.....	267,520	163,394	65,433	2,447,138	1,033,714	216,086	210,528	.....	5,503
40 Leake.....	368,940	288,254	120,251	4,091,732	1,371,272	345,200	326,522	.....	18,683
41 Lee.....	289,720	289,860	105,908	9,102,350	2,723,811	595,383	590,545	.....	4,888



# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## EAST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>ALABAMA—Continued.</b>													
37	\$133,807	\$103,154	\$68,006	\$1,008,978	\$604,660	\$1,110	\$278,633	\$109,060	\$164,225	\$3,098	\$2,250	\$262,838	\$220,524
38	91,046	609,566	102,516	572,693	360,025	355	732,571	581,148	198,454	2,287	682	106,840	145,893
39	25,232	105,793	30,620	909,737	687,317	26	182,018	102,726	77,939	1,036	317	72,360	84,959
40	110,478	147,526	37,696	1,102,051	821,077	534	233,693	112,300	117,586	894	2,823	194,334	213,298
41	61,340	97,629	33,738	1,344,407	1,031,469	623	188,394	87,022	100,024	678	670	146,366	123,233
42	35,865	151,256	30,319	2,102,337	1,634,347	9	178,855	97,973	79,862	997	23	61,040	76,081
43	106,548	111,674	23,243	1,444,386	1,116,046	277	224,471	101,396	121,466	795	314	156,566	150,616
44	42,065	86,900	10,122	2,236,046	1,826,133	-----	140,189	70,807	70,807	2,076	439	48,168	73,599
45	16,184	112,697	11,207	1,690,351	1,345,092	26	150,091	82,992	66,439	626	34	29,262	71,125
46	194,150	165,834	54,351	2,025,382	1,394,358	363	313,252	141,540	169,325	1,093	1,294	246,276	189,680
47	60,879	113,007	7,310	2,564,398	2,095,611	301	129,214	53,646	78,691	1,238	699	84,422	89,694
48	18,202	109,780	28,731	778,720	577,021	692	164,804	86,398	76,477	1,451	478	98,641	129,933
49	70,294	152,778	46,722	1,562,767	1,204,757	189	276,425	109,085	165,773	950	617	164,671	175,235
50	59,952	503,376	21,738	217,865	24,443	475	200,595	127,063	69,884	1,209	2,439	27,254	29,678
51	35,293	156,452	10,712	1,911,569	1,381,880	34	154,136	64,367	86,625	2,062	182	84,442	127,009
52	141,445	200,154	16,707	3,035,740	2,448,201	22	304,526	161,921	138,101	4,150	354	64,060	195,769
53	99,493	125,081	64,200	1,171,033	906,121	835	269,059	128,566	139,052	858	563	149,424	134,897
54	45,195	120,411	25,712	2,354,072	1,896,634	486	166,139	84,526	76,124	2,024	465	70,884	116,602
55	38,876	126,608	29,104	1,329,951	1,014,579	30	172,343	97,102	74,358	780	103	43,318	62,972
56	20,717	131,176	12,848	2,442,374	1,866,363	7	209,710	108,498	99,431	1,725	56	82,562	173,875
57	28,576	110,229	43,380	1,508,857	1,180,161	769	220,836	98,086	120,572	1,707	471	60,453	94,309
58	25,861	101,804	10,304	1,642,012	1,318,734	8	112,579	53,925	58,129	423	102	30,357	43,476
59	47,937	116,521	55,612	664,206	491,222	454	183,160	94,838	87,181	674	467	59,266	74,630
60	55,703	153,202	26,978	878,655	607,478	10	222,784	132,745	88,008	1,473	558	67,671	95,322
61	87,896	140,351	33,061	1,697,246	1,311,213	-----	180,025	94,301	84,388	568	678	147,265	90,174
62	68,699	162,189	23,238	1,886,094	1,523,468	40	232,935	132,315	99,572	985	63	59,061	65,399
63	43,039	94,297	18,091	2,106,257	1,699,454	385	230,477	122,855	104,698	2,744	180	94,231	109,699
64	88,707	240,266	57,877	1,815,783	1,348,092	31	289,570	145,111	140,740	2,568	1,170	153,929	112,913
65	48,340	206,734	78,478	528,702	335,608	231	199,508	110,641	86,551	1,408	903	79,236	134,664
66	20,885	113,212	14,263	504,500	280,353	-----	76,855	23,094	45,005	1,580	7,176	68,171	82,324
67	49,601	175,051	23,141	2,440,498	1,984,314	3	171,951	76,135	94,010	1,360	446	162,051	70,293
68	4,131	108,107	45,942	468,971	314,025	285	117,664	65,274	50,807	647	1,136	63,295	70,221

## MISSISSIPPI.

1	\$3,363,647	\$9,483,576	\$1,686,923	\$105,916,703	\$83,148,805	\$3,390	\$12,151,038	\$6,033,465	\$5,965,035	\$64,862	\$87,678	\$5,519,990	\$6,745,267
2	51,945	102,570	9,156	196,056	108,650	119	132,507	66,626	64,967	355	559	42,614	29,511
3	63,108	104,013	18,621	523,743	370,201	81	174,132	88,815	84,681	441	195	78,254	78,166
4	38,010	240,212	16,908	1,182,846	857,076	-----	203,721	106,831	94,450	1,593	937	107,539	62,038
5	71,360	191,832	53,400	1,451,987	1,083,304	10	308,660	187,542	119,728	1,140	250	178,586	178,586
6	26,851	69,015	7,689	469,161	339,282	234	108,707	51,469	54,485	275	478	57,999	71,505
7	47,487	116,344	49,780	0,012,470	5,159,850	-----	195,148	59,689	132,598	2,851	10	67,720	100,906
8	56,566	118,357	20,081	816,159	617,348	48	202,890	106,111	95,335	935	509	123,759	117,862
9	50,530	162,737	34,512	1,501,580	1,203,490	5	231,679	122,875	108,140	774	190	82,525	143,775
10	61,805	100,877	25,310	1,204,573	945,867	17	192,524	99,617	92,465	527	185	124,136	107,500
11	37,381	114,891	35,769	643,978	452,026	110	172,717	111,103	80,453	738	423	80,474	79,904
12	33,612	118,123	6,893	745,171	563,680	-----	108,230	48,739	56,712	278	501	47,764	54,651
13	42,520	122,037	28,807	959,361	687,432	-----	138,599	61,868	75,307	951	473	55,426	75,513
14	65,012	127,503	31,674	1,197,135	957,325	7	129,399	58,103	70,442	776	78	41,963	43,789
15	57,567	106,821	13,529	4,417,067	3,601,160	-----	128,636	33,870	94,562	204	-----	24,313	96,445
16	73,186	704,879	33,010	1,743,238	1,314,718	-----	306,214	139,575	124,692	1,482	465	140,330	116,766
17	15,862	132,637	9,963	733,182	527,385	31	121,264	62,879	57,201	679	505	46,406	66,496
18	77,431	76,839	12,343	2,197,263	1,795,972	14	264,523	164,137	100,035	159	192	157,399	128,358
19	9,816	86,493	2,588	288,677	179,211	-----	97,500	47,522	46,278	493	3,207	16,982	32,887
20	33,590	132,614	18,077	593,028	387,287	13	119,699	54,324	62,967	1,866	542	38,418	74,232
21	13,966	36,130	2,178	45,679	16,838	77	15,188	5,784	10,610	551	1,243	12,125	9,389
22	9,109	42,480	2,992	130,962	23,475	5	32,401	11,172	16,936	455	3,838	10,805	28,704
23	33,035	61,839	17,350	989,281	769,871	21	112,612	61,824	60,168	526	94	45,607	48,385
24	8,101	48,237	10,083	22,892	403	-----	25,830	9,668	14,106	62	2,004	7,393	5,213
25	42,056	170,388	31,363	84,715	12,054	-----	136,308	60,015	56,137	1,401	18,762	52,414	34,007
26	84,501	315,960	41,105	2,724,463	2,184,160	-----	340,246	177,221	162,177	496	352	160,769	137,250
27	62,609	170,903	65,617	2,800,025	2,283,590	64	219,877	117,259	101,700	712	206	72,500	166,045
28	32,322	26,018	2,772	1,430,312	1,220,596	2	39,693	11,429	28,130	134	-----	3,818	14,669
29	37,622	107,863	29,673	737,230	549,900	282	172,933	85,912	85,538	1,069	414	64,370	110,621
30	25,503	78,471	23,934	83,194	1,760	5	171,762	25,540	36,326	735	9,161	16,144	13,212
31	38,649	92,337	18,122	1,150,145	820,950	-----	161,538	81,100	79,294	1,037	107	138,735	104,537
32	33,565	127,570	10,564	606,510	430,563	-----	107,943	43,190	62,592	1,280	881	44,259	64,304
33	8,216	93,357	8,340	1,056,831	806,550	67	89,774	35,338	53,104	622	710	18,307	72,809
34	35,479	154,400	30,017	732,095	593,965	28	135,994	70,000	69,580	2,009	4,099	98,523	132,361
35	42,086	94,690	33,835	1,219,485	892,748	7	160,706	69,404	90,437	738	187	78,214	93,821
36	54,525	126,748	35,816	1,330,063	966,216	40	213,091	123,435	83,573	852	231	117,877	154,645
37	5,558	67,253	4,725	221,649	137,425	21	45,077	19,467	22,731	637	2,242	22,256	27,768
38	59,761	229,426	36,284	1,603,509	1,038,839	-----	262,451	152,016	108,949	1,343	153	98,421	98,429
39	10,409	84,775	6,714	775,730	570,748	33	75,463	32,860	41,459	739	366	32,212	67,731
40	41,335	81,171	19,452	884,114	697,621	16	163,108	96,154	66,067	763	124	52,978	100,979
41	81,062	191,402	46,311	1,809,653	1,466,656	128	306,740	144,995	160,462	1,095	188	145,089	159,453

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF

EAST SOUTH CENTRAL.—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.			Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>MISSISSIPPI—Continued.</b>										
42	Leflore.....	366,080	228,312	173,595	\$13,778,006	\$4,316,663	\$531,237	\$528,723	\$60	\$2,454
43	Lincoln.....	369,920	271,858	111,764	4,652,810	2,101,588	375,130	355,368	.....	19,577
44	Lowndes.....	319,360	241,833	158,986	7,749,680	1,033,830	299,992	264,010	38	35,934
45	Madison.....	494,000	369,075	253,892	8,785,493	2,971,860	496,439	468,053	20	28,306
46	Marion.....	399,360	107,972	56,473	2,969,616	1,060,242	241,657	234,586	.....	6,661
47	Marshall.....	440,960	350,961	170,537	6,027,094	2,278,064	627,482	525,671	18	1,793
48	Monroe.....	492,800	394,529	200,220	9,813,761	2,043,047	548,107	523,458	353	24,151
49	Montgomery.....	254,720	213,962	106,366	3,919,000	1,378,449	285,253	281,480	.....	3,764
50	Neshoba.....	359,040	263,786	101,174	4,211,757	1,415,630	306,776	200,028	.....	16,748
51	Newton.....	363,520	288,521	111,902	5,193,407	1,666,064	335,007	298,474	.....	36,533
52	Noxubee.....	436,480	284,473	108,641	7,524,825	2,156,132	270,948	262,449	.....	8,490
53	Oktibbeha.....	292,480	232,064	120,763	4,674,168	1,224,434	232,033	223,833	.....	8,500
54	Panola.....	445,440	340,878	181,315	7,664,355	3,302,732	558,136	557,485	45	866
55	Pearl River.....	510,080	83,456	15,400	1,734,744	366,202	95,187	91,297	100	3,895
56	Perry.....	412,160	83,568	14,330	1,691,309	347,841	81,211	73,070	.....	8,023
57	Pike.....	452,480	298,637	119,975	5,554,317	2,395,948	516,029	485,728	.....	30,141
58	Pontotoc.....	316,160	267,821	116,674	5,168,211	1,787,025	530,029	530,627	58	8,334
59	Prairie.....	261,760	233,897	161,685	4,402,294	1,450,019	307,553	365,177	.....	2,267
60	Quitman.....	252,800	91,086	58,982	4,913,135	1,856,944	254,795	254,322	100	3,733
61	Rankin.....	506,240	354,858	166,837	5,070,276	1,780,088	341,623	322,763	.....	18,890
62	Scott.....	382,080	216,121	85,624	3,159,266	1,184,381	222,855	201,571	16	21,240
63	Sharkey.....	284,160	107,088	82,573	7,102,579	2,721,061	292,068	290,662	.....	2,006
64	Simpson.....	368,000	195,217	82,818	3,226,169	1,431,073	294,992	280,581	.....	14,220
65	Smith.....	400,640	238,014	84,672	3,782,240	1,436,735	306,540	274,115	.....	35,416
66	Sunflower.....	441,600	224,167	156,906	11,982,317	4,051,522	510,832	503,736	100	6,996
67	Tallahatchie.....	402,560	235,716	131,794	8,080,503	3,535,182	561,715	560,053	.....	1,062
68	Tate.....	256,000	212,821	135,653	5,080,838	2,188,364	438,863	438,105	250	508
69	Tippah.....	285,440	259,425	85,935	3,422,817	1,098,144	346,314	341,966	10	4,281
70	Tishomingo.....	273,920	196,843	55,899	2,212,813	854,606	265,434	261,959	.....	3,455
71	Tunica.....	267,520	152,014	111,063	9,030,975	3,221,896	384,280	382,232	554	1,494
72	Union.....	263,680	226,617	113,013	4,938,772	1,416,311	401,916	395,682	8	6,226
73	Warren.....	366,080	211,517	81,019	4,655,608	1,374,007	219,855	216,900	464	2,402
74	Washington.....	501,280	309,492	192,882	13,735,518	4,590,474	436,996	434,370	.....	2,626
75	Wayne.....	519,680	185,472	56,254	2,481,173	950,005	172,400	162,334	118	9,543
76	Webster.....	266,240	238,809	102,746	3,628,429	1,357,419	366,327	352,876	48	13,396
77	Wilkinson.....	426,880	235,151	103,310	3,543,907	845,168	261,286	246,073	.....	15,062
78	Winston.....	382,080	277,220	116,143	3,937,028	1,205,165	286,696	260,949	.....	19,087
79	Yalobusha.....	313,600	259,547	116,449	4,741,236	1,606,268	382,613	377,658	193	4,707
80	Yazoo.....	664,320	442,824	254,718	13,032,123	5,184,198	740,080	732,276	.....	7,701

WEST SOUTH CENTRAL.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Cereals.			
						Total.	Corn.	Wheat.	Oats.

ARKANSAS.

1	The state.....	33,616,000	17,416,075	8,076,254	\$400,089,303	\$119,419,025	\$31,262,922	\$27,910,044	\$532,712	\$1,641,752
2	Arkansas.....	640,000	300,417	173,458	11,980,942	1,566,369	909,700	152,785	132	145,292
3	Ashley.....	601,600	233,906	106,172	5,078,558	2,096,967	415,568	407,705	49	7,814
4	Baxter.....	375,040	184,190	62,434	2,404,076	710,250	261,352	228,728	10,082	22,458
5	Benton.....	660,640	432,409	239,139	17,025,988	1,635,546	795,490	594,378	57,296	141,647
6	Boone.....	389,120	249,800	115,827	4,740,918	810,796	432,845	322,126	.....	67,832
7	Bradley.....	421,760	141,411	47,644	2,114,015	665,209	186,889	177,762	.....	9,057
8	Calhoun.....	402,560	135,397	45,130	1,669,316	727,782	191,001	187,052	.....	3,949
9	Carroll.....	410,240	277,748	119,897	4,965,468	807,590	412,221	298,248	57,233	55,672
10	Chicot.....	388,480	176,043	93,682	7,142,891	2,424,728	230,323	238,871	.....	7,830
11	Clark.....	564,480	264,800	103,269	3,726,532	1,207,651	419,456	411,496	.....	.....
12	Clay.....	418,560	186,195	111,713	7,001,000	2,179,762	671,058	651,970	8,461	10,565
13	Cleburne.....	381,440	185,906	61,675	2,338,168	719,105	277,517	259,122	843	17,075
14	Cleveland.....	385,920	197,327	71,866	2,444,230	812,945	173,600	171,403	.....	2,192
15	Columbia.....	502,400	346,990	144,873	5,233,795	2,003,710	445,391	438,259	.....	17,886
16	Conway.....	360,320	250,612	143,086	6,081,427	2,246,410	464,430	442,294	3,645	.....
17	Craighead.....	439,680	192,005	108,568	7,588,485	2,047,489	555,211	542,339	2,623	10,184
18	Crawford.....	379,520	236,453	124,132	6,248,341	1,841,825	413,954	401,341	185	12,153
19	Crittenden.....	372,480	137,876	109,344	7,803,665	3,196,611	348,560	336,994	.....	6,541
20	Cross.....	396,160	126,266	64,127	3,495,887	1,121,760	235,698	230,450	204	1,637
21	Dallas.....	434,560	164,540	60,032	1,964,804	694,074	174,225	171,136	.....	3,085

STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

EAST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
42	\$15,307	\$89,443	\$10,051	\$3,670,565	\$3,172,080	.....	\$107,043	\$50,206	\$56,432	\$275	\$130	\$20,540	\$119,789
43	47,846	171,247	13,816	1,493,549	1,090,697	\$25	203,052	117,147	83,456	1,994	455	67,992	109,636
44	124,126	83,980	24,691	1,401,041	1,043,251	.....	150,275	76,233	72,776	783	453	56,982	80,380
45	85,487	142,226	62,645	2,185,009	1,690,944	48	258,546	122,170	125,230	592	554	90,414	98,604
46	12,742	86,200	4,397	715,186	537,566	4	80,045	36,331	41,529	996	1,189	47,508	38,264
47	39,630	118,499	30,432	1,562,021	1,203,591	73	209,917	110,284	99,265	191	167	97,567	144,319
48	116,316	191,359	47,815	2,039,450	1,576,687	479	309,780	162,981	144,193	2,128	478	96,242	123,746
49	25,794	102,008	19,796	945,597	729,907	10	141,028	71,618	68,707	479	274	90,202	75,484
50	48,645	75,784	11,724	972,701	734,039	118	182,207	110,448	70,762	949	48	65,063	109,999
51	57,478	119,540	15,583	1,139,056	871,771	5	214,877	116,491	96,987	1,111	88	132,511	119,287
52	84,143	105,677	16,215	1,679,149	1,386,468	.....	138,912	69,896	66,593	1,218	1,205	68,718	80,430
53	69,337	88,850	18,694	815,520	632,762	.....	135,364	82,930	61,704	520	210	100,741	72,526
54	40,617	134,760	16,087	2,547,132	2,031,801	147	207,721	110,457	96,510	204	550	103,114	139,008
55	21,402	90,315	11,482	147,816	61,734	15	62,464	14,165	22,577	1,159	14,568	52,103	25,674
56	8,902	54,050	10,320	193,458	83,058	8	53,402	21,385	27,232	1,314	3,471	18,220	26,649
57	38,448	149,794	25,995	1,666,282	1,155,116	.....	189,640	89,309	98,534	1,354	413	42,940	123,812
58	51,554	127,398	35,255	1,033,789	821,777	86	188,051	87,697	99,768	363	222	148,806	111,569
59	32,492	97,076	29,828	923,070	664,395	.....	160,001	72,055	87,084	559	353	223,245	121,729
60	14,802	33,582	9,865	1,543,900	1,280,771	.....	81,640	34,317	46,985	327	11	12,487	28,290
61	42,309	132,603	19,209	1,244,344	976,883	.....	171,987	81,397	88,610	1,605	375	66,975	83,594
62	34,394	107,857	23,647	705,628	535,308	.....	157,663	87,093	69,650	830	90	89,771	63,933
63	10,388	70,668	17,058	2,331,179	2,035,528	.....	88,978	20,947	67,919	91	21	5,731	25,276
64	24,983	140,940	14,793	955,965	736,779	.....	105,963	55,315	49,391	1,177	80	23,779	38,904
65	35,077	107,388	25,963	958,761	722,130	.....	130,672	68,985	65,760	1,352	555	77,487	145,676
66	23,275	54,490	16,341	3,440,584	2,972,373	.....	104,828	87,513	66,313	476	26	51,268	63,436
67	25,675	92,028	10,979	2,844,785	2,379,412	20	173,278	91,526	81,473	277	2	41,418	102,211
68	48,284	107,330	19,014	1,574,873	1,260,994	24	170,890	89,919	89,919	233	11	77,792	112,149
69	45,011	102,871	11,542	592,406	401,465	163	85,909	37,725	37,725	202	591	156,712	82,449
70	21,766	94,566	20,983	451,867	286,293	88	139,797	81,458	56,679	597	1,063	90,514	97,291
71	37,509	34,607	6,466	2,769,034	2,271,870	54	95,143	29,579	65,254	278	82	46,094	37,509
72	42,071	111,139	36,489	824,696	637,379	60	199,989	93,202	106,323	259	205	112,799	116,538
73	34,941	81,386	10,211	1,028,213	748,614	.....	169,812	93,670	74,666	1,111	365	50,235	47,823
74	69,079	40,517	6,337	4,037,545	3,497,239	.....	65,030	21,578	42,343	535	71	30,862	20,442
75	11,770	79,676	12,677	682,842	420,294	93	84,432	34,759	45,388	1,746	2,539	30,492	65,390
76	34,682	118,713	27,419	810,378	610,163	51	166,273	82,395	78,714	367	247	70,625	88,651
77	24,718	141,388	14,648	403,128	249,064	13	92,384	31,814	59,660	459	451	54,242	60,794
78	19,026	83,949	23,304	792,220	607,036	127	147,557	79,571	67,056	710	220	44,855	78,988
79	62,711	107,351	15,820	1,037,773	806,773	196	174,559	76,594	77,594	314	337	72,627	87,362
80	101,922	215,968	32,039	4,094,189	3,452,355	.....	276,717	128,288	145,636	2,294	499	78,771	124,992

WEST SOUTH CENTRAL.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
1	\$4,887,139	\$7,643,102	\$3,744,613	\$71,881,249	\$54,559,503	\$40,489	\$18,155,637	\$6,587,428	\$6,391,343	\$112,968	\$63,898	\$12,914,397	\$7,469,195
2	153,604	88,144	25,017	384,004	261,617	374	146,350	75,062	68,182	1,521	985	490,779	68,697
3	30,523	159,886	22,057	1,438,333	1,133,394	104	211,401	107,003	103,189	723	496	78,714	61,153
4	56,566	48,148	26,599	817,535	617,535	1,014	83,283	41,956	39,151	662	1,494	136,740	61,981
5	254,735	139,046	339,787	186,482	.....	1,474	480,630	177,169	298,173	1,205	4,083	723,047	153,180
6	98,008	67,459	54,220	168,170	27,228	685	164,772	59,904	101,245	719	2,904	476,772	85,639
7	16,732	69,111	27,804	364,723	251,818	12	98,855	59,794	36,964	1,594	503	33,226	55,982
8	11,152	79,796	23,647	422,186	234,106	172	81,553	47,349	32,609	639	956	29,469	49,761
9	140,888	71,461	53,729	129,791	186	689	231,679	97,887	129,139	480	4,173	520,173	69,669
10	41,238	76,087	14,580	2,053,502	1,709,016	.....	85,796	34,284	57,776	1,549	157	44,887	42,436
11	59,573	97,906	25,059	665,667	476,873	50	196,393	114,650	80,270	1,064	409	112,398	98,311
12	168,541	106,043	75,806	1,158,314	859,147	1,525	223,695	89,678	130,964	2,679	374	328,801	139,941
13	25,436	61,574	26,239	328,339	181,616	1,508	90,998	50,890	39,410	347	351	135,985	69,461
14	16,771	85,730	30,638	506,200	368,383	570	136,768	76,655	53,313	822	378	84,984	79,968
15	15,661	151,452	14,919	1,376,287	1,052,326	465	185,027	106,863	76,469	1,417	278	83,861	143,822
16	61,400	119,869	74,909	1,531,802	1,243,981	577	191,131	101,546	86,977	1,674	934	148,943	128,269
17	157,628	123,460	44,516	1,166,679	793,133	66	299,680	112,703	123,131	2,893	943	276,243	155,932
18	55,256	122,884	348,584	901,147	684,167	337	196,513	110,244	83,990	1,974	285	229,749	118,843
19	27,333	105,477	17,181	2,703,060	2,201,836	140	188,145	76,806	111,015	317	4	28,672	85,653
20	32,701	72,898	15,367	765,106	581,815	154	79,245	33,250	44,800	808	387	76,324	61,356
21	16,767	62,229	17,765	423,088	214,590	195	95,023	54,626	38,678	1,183	536	35,453	52,353

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST SOUTH CENTRAL—Continued.

COUNTY OR PARISH.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1900					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>ARKANSAS—Continued.</b>										
22 Desha.....	478,080	177,160	87,323	\$5,404,297	\$1,408,124	\$181,856	\$180,624			\$595
23 Drew.....	542,080	303,146	128,501	5,630,804	1,513,231	342,380	331,493		\$1,001	9,152
24 Faulkner.....	416,640	290,614	153,031	4,790,141	2,068,121	406,607	403,167		613	32,721
25 Franklin.....	387,840	262,976	151,724	5,602,500	1,787,508	519,908	401,290		548	27,801
26 Fulton.....	400,000	258,982	90,189	2,989,130	850,210	330,713	312,809		7,554	9,952
27 Garland.....	403,840	168,382	40,657	3,343,004	627,760	221,627	201,704	1,820		17,672
28 Grant.....	407,080	122,134	43,664	1,799,955	680,392	174,801	171,442	120		3,054
29 Greene.....	359,040	204,403	116,884	6,382,162	1,919,949	600,099	541,152	36,971		21,797
30 Hempstead.....	465,280	304,335	160,069	6,307,537	2,085,510	605,153	588,157	1,680		14,600
31 Hot Spring.....	392,320	178,325	64,420	2,877,173	933,115	330,961	326,525	18		8,718
32 Howard.....	385,280	211,271	97,842	3,397,109	1,247,002	390,639	382,767	44		7,755
33 Independence.....	487,080	305,305	149,434	6,385,367	2,069,198	685,630	646,500	20,504		18,435
34 Izard.....	373,120	274,644	108,021	2,778,880	982,595	386,135	361,183	11,088		13,798
35 Jackson.....	405,760	213,250	112,733	7,396,447	2,811,014	557,824	554,887	414		2,483
36 Jefferson.....	577,920	355,161	192,445	12,498,950	4,734,470	411,155	404,795			2,890
37 Johnson.....	432,000	230,901	117,704	4,991,330	1,551,496	402,834	470,883	890		20,787
38 Lafayette.....	336,000	151,383	67,034	2,891,124	248,357	248,357	244,950			3,012
39 Lawrence.....	378,880	215,295	111,520	6,224,063	1,811,223	482,790	475,004	3,819		3,372
40 Lee.....	384,640	206,572	130,067	7,624,530	501,553	501,553	532,183	390		4,010
41 Lincoln.....	365,440	216,241	98,112	4,620,617	1,806,530	301,745	294,419	50		2,758
42 Little River.....	340,440	164,618	75,578	3,125,635	867,691	262,217	259,819	340		2,028
43 Logan.....	464,810	316,138	169,996	7,460,439	2,232,662	734,002	602,608	9,484		31,556
44 Lonoke.....	508,160	287,091	181,858	10,247,165	3,908,393	709,833	432,568			11,905
45 Madison.....	635,040	363,641	126,645	4,295,616	926,378	470,555	349,102	38,112		91,207
46 Marion.....	413,440	166,223	63,710	2,571,351	717,754	314,524	260,144	11,388		42,775
47 Miller.....	398,720	181,636	74,682	3,310,006	804,284	274,753	266,774	373		6,916
48 Mississippi.....	506,880	179,747	128,872	11,294,836	4,629,378	808,694	808,092			6,293
49 Monroe.....	385,920	141,800	88,813	4,717,837	1,715,841	229,934	223,641			18,902
50 Montgomery.....	570,240	225,806	60,990	2,608,433	854,799	377,396	357,202	497		9,422
51 Nevada.....	396,800	280,073	129,284	3,893,438	1,398,558	399,004	389,504	50		4,729
52 Newton.....	541,440	239,723	56,280	2,137,888	554,798	308,759	256,479	10,124		4,475
53 Ouachita.....	409,120	259,715	98,071	3,305,835	1,142,523	272,537	268,037			6,059
54 Perry.....	353,280	89,883	41,480	1,628,005	656,725	172,976	166,742	53		1,749
55 Phillips.....	442,880	217,669	144,406	9,054,343	3,277,693	360,242	358,364	80		4,861
56 Pike.....	384,640	165,299	57,086	2,475,122	748,210	315,701	310,680	50		2,594
57 Poinsett.....	461,440	101,370	51,519	3,783,188	1,054,094	303,515	254,974	344		18,789
58 Polk.....	541,440	249,169	72,012	3,104,492	703,857	312,850	292,447	846		20,011
59 Pope.....	529,020	290,516	144,886	5,887,200	2,232,739	652,911	630,259	2,333		66,529
60 Prate.....	432,000	189,471	108,018	6,820,725	1,081,373	931,088	157,452	247		19,245
61 Pulaski.....	478,080	239,017	127,512	10,409,560	3,222,994	410,617	390,870	223		4,244
62 Randolph.....	418,560	287,282	137,323	6,540,290	1,002,200	578,150	568,720	4,773		2,609
63 St. Francis.....	401,920	177,858	113,619	6,245,628	2,721,086	498,030	460,700			24,918
64 Saline.....	406,000	223,120	78,035	3,927,126	1,072,887	382,174	355,052	2,085		167
65 Scott.....	620,800	227,127	83,292	3,252,436	1,094,408	361,130	355,211	107		13,336
66 Searay.....	430,720	240,457	70,669	2,800,319	816,490	300,893	298,083			48,956
67 Sebastian.....	330,840	222,187	134,061	8,733,115	1,464,405	432,520	412,380	1,012		8,233
68 Sevier.....	366,080	219,222	87,614	3,540,266	1,006,249	324,826	316,244	24		11,459
69 Sharp.....	389,700	241,199	101,455	9,074,592	942,799	313,429	288,832	12,326		31,489
70 Stone.....	391,040	203,119	49,840	1,780,798	511,375	222,048	185,849	4,640		10,672
71 Union.....	670,720	415,917	149,994	4,792,988	1,582,224	388,747	377,937	36		28,498
72 Van Buren.....	407,200	272,681	88,918	2,844,261	928,058	359,309	329,517	962		225,184
73 Washington.....	611,200	473,823	248,438	15,988,600	2,111,716	1,030,058	659,551	143,801		21,375
74 White.....	693,680	329,128	155,180	6,295,537	1,873,833	496,749	473,615	1,498		1,294
75 Woodruff.....	369,280	156,107	101,598	6,976,826	2,365,073	418,067	400,998	250		14,561
76 Yell.....	611,200	282,748	143,953	6,614,518	2,411,949	679,291	661,986	2,131		

LOUISIANA.

1 The state.....	29,061,760	10,439,481	5,276,016	\$301,220,988	\$77,336,143	\$24,786,984	\$16,480,322	\$508	\$250,588
2 Acadia.....	414,080	273,932	240,593	11,358,701	2,547,419	2,130,650	369,812		1,091
3 Ascension.....	186,240	104,253	57,119	4,927,198	1,354,073	500,995	199,239		195
4 Assumption.....	309,760	95,142	54,069	5,961,412	2,314,363	321,913	321,913		
5 Avoyelles.....	542,080	207,983	128,440	8,224,609	1,080,668	603,081	540,848		1,220
6 Bienville.....	542,720	224,080	122,061	4,106,048	1,469,004	431,096	421,668		9,422
7 Bossier.....	552,320	248,914	128,053	5,722,968	1,505,937	407,070	393,295	15	13,560
8 Caddo.....	593,200	331,636	211,002	9,542,989	2,641,588	691,920	688,051	75	3,764
9 Calcasieu.....	2,336,000	490,594	274,260	13,472,724	3,668,378	2,080,377	315,576		4,965
10 Caldwell.....	339,840	124,016	37,078	1,611,249	321,842	126,756	121,892		967
11 Cameron.....	960,940	105,525	27,900	1,523,281	323,117	149,530	39,224		75
12 Catahoula.....	459,520	113,165	48,118	2,537,151	489,065	219,524	186,080		2,799
13 Claiborne.....	497,920	409,715	216,679	4,971,713	1,794,977	594,130	483,301	50	20,829
14 Concordia.....	459,960	185,506	64,436	4,430,619	796,573	263,598	199,847		7,786
15 De Soto.....	558,080	399,649	187,378	5,110,874	1,789,171	376,121	373,122		2,999
16 East Baton Rouge.....	291,200	186,110	103,481	5,349,917	1,104,724	272,136	249,593		5,216

# STATISTICS, BY COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## WEST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.												Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.							
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			

### ARKANSAS—Continued.

22	\$16,958	\$34,322	\$6,044	\$1,168,044	\$981,611	\$18	\$74,389	\$36,613	\$37,589	\$125	\$62	\$26,237	\$39,959
23	30,881	115,884	36,883	740,061	105	105	180,549	102,778	76,593	871	307	149,672	99,174
24	66,343	135,374	46,195	1,323,542	1,016,329	1,086	210,889	108,214	99,969	1,763	943	207,124	147,566
25	71,757	104,250	113,114	948,389	677,819	721	220,951	111,442	107,343	1,707	459	234,890	139,285
26	102,953	53,748	81,128	331,668	213,305	1,172	113,146	41,329	67,456	905	3,456	256,630	84,162
27	20,104	147,001	17,649	212,378	81,927	688	208,066	212,571	82,996	1,814	685	78,372	112,262
28	24,205	77,794	19,867	383,725	250,912	79	108,065	58,584	47,456	1,744	281	50,135	67,321
29	137,900	153,304	50,130	978,516	670,038	2,038	270,592	125,649	141,050	2,381	912	331,695	147,629
30	93,215	145,159	45,208	1,206,770	849,409	197	253,919	134,671	117,369	1,382	497	109,326	140,696
31	29,979	130,881	28,560	406,794	283,572	459	162,609	81,273	79,521	1,277	538	97,160	87,350
32	34,998	95,686	22,434	703,245	513,108.	505	159,201	95,499	61,608	1,273	761	109,312	118,658
33	118,708	115,577	64,772	1,084,511	836,988	686	200,071	108,065	136,781	1,620	1,674	273,155	235,841
34	61,912	88,219	19,295	457,034	318,778	487	123,774	55,454	65,348	1,397	1,575	242,098	99,032
35	97,221	102,813	27,132	2,026,024	1,680,269	46	196,980	96,760	97,304	2,451	465	189,830	134,586
36	53,747	82,628	25,550	4,161,390	3,562,468	47	157,701	81,413	75,902	258	128	41,614	68,553
37	72,421	94,482	88,936	802,823	612,513	198	205,304	102,546	99,198	2,686	934	169,126	125,682
38	25,645	90,977	16,536	439,046	326,482	19	104,680	60,274	43,295	972	139	61,144	49,239
39	96,610	95,228	25,609	1,111,026	884,442	467	189,341	76,285	109,829	2,478	749	368,227	196,586
40	51,903	198,973	22,635	2,072,772	2,160,353	651	170,909	76,461	93,015	1,102	331	57,226	106,638
41	16,382	71,023	17,990	1,399,390	1,188,879	170	138,826	69,971	68,069	566	220	51,415	75,333
42	29,598	48,883	0,810	520,183	398,092	110	68,801	37,070	30,937	702	92	37,558	52,787
43	86,765	128,122	53,142	1,230,031	958,043	493	261,182	116,920	141,146	2,088	1,028	261,538	186,391
44	64,015	81,562	37,115	2,014,968	1,672,445	5	274,256	173,309	99,735	927	285	141,881	94,217
45	112,312	94,829	108,050	2,072,772	1,680,269	87	1,101	200,936	121,350	1,397	5,731	362,408	113,345
46	63,879	59,382	15,499	204,470	159,864	907	108,639	42,918	64,158	556	1,007	215,789	71,118
47	15,361	80,859	11,619	481,692	331,484	179	123,982	66,910	53,369	3,363	349	79,625	66,487
48	102,399	136,296	13,231	3,568,758	2,903,835	25	167,723	91,759	91,759	968	4	172,463	102,032
49	33,082	107,264	8,715	1,336,856	1,125,221	51	123,479	66,655	55,934	632	258	73,197	67,213
50	38,745	83,990	22,803	331,865	192,085	1,740	152,846	77,913	72,870	1,692	371	122,543	98,796
51	86,820	117,263	41,894	803,587	597,887	103	189,652	116,425	70,916	1,748	563	170,562	118,197
52	34,311	63,292	37,165	111,271	33,808	1,399	91,161	38,825	48,764	2,360	1,212	228,701	89,279
53	14,377	161,877	45,139	658,593	426,534	175	130,382	69,386	58,013	2,347	636	47,339	52,084
54	23,703	46,983	8,397	404,666	317,449	278	64,647	66,013	27,206	1,180	248	56,125	42,295
55	72,028	109,178	24,638	2,714,522	2,291,098	161	174,126	76,592	96,833	458	243	59,942	59,286
56	22,934	90,570	48,194	270,811	166,439	410	121,958	79,449	41,049	1,304	166	119,533	86,603
57	54,802	57,957	9,833	627,987	463,963	511	90,665	37,663	46,498	6,434	70	115,279	50,008
58	30,049	101,698	29,888	229,372	117,617	1,247	150,255	88,448	60,024	1,265	618	137,847	72,350
59	78,148	119,632	54,515	1,327,533	1,092,907	694	251,959	129,356	119,440	2,437	426	212,453	151,374
60	139,587	57,782	12,715	540,201	388,077	63	169,948	109,400	59,143	1,092	313	161,593	70,427
61	41,566	252,248	61,072	2,447,891	1,925,702	452	322,472	179,423	138,347	4,132	565	91,811	121,785
62	134,253	94,085	43,742	1,052,054	829,256	1,496	212,783	86,627	122,860	1,028	2,268	367,267	126,954
63	37,657	102,748	18,887	2,064,304	1,741,685	175	130,382	66,909	92,759	1,034	165	51,528	58,029
64	29,697	113,439	39,938	513,729	356,641	294	198,688	107,720	89,193	1,073	702	93,113	108,462
65	59,922	82,105	26,825	594,726	433,293	1,110	148,835	75,876	71,169	1,462	328	143,962	109,972
66	74,596	88,194	68,688	224,119	102,226	757	105,847	49,789	53,916	1,305	837	157,299	75,917
67	70,351	169,390	103,375	688,799	505,215	276	311,250	185,226	124,947	989	88	156,426	128,962
68	46,580	77,116	76,501	481,227	304,674	96	146,066	80,729	63,067	2,534	336	110,664	90,983
69	85,901	78,608	38,021	431,837	293,079	1,411	140,671	57,969	79,167	1,248	2,287	260,289	87,689
70	40,376	48,066	19,986	180,900	86,350	535	67,768	38,532	32,439	735	782	125,253	65,529
71	24,768	197,922	49,808	923,899	524,922	243	211,319	116,932	92,008	2,579	700	88,635	149,484
72	29,900	83,203	44,852	410,794	215,672	916	120,998	63,552	54,865	1,536	1,045	163,371	106,683
73	290,883	168,434	353,484	278,857	1,814	830	443,432	175,673	263,186	1,822	2,741	663,826	191,990
74	90,077	145,490	133,346	1,008,171	717,704	862	262,576	138,331	121,711	1,600	984	271,451	138,591
75	29,938	84,076	18,171	1,814,821	1,495,964	82	132,851	64,922	67,363	478	88	75,509	95,356
76	70,022	122,591	62,706	1,477,339	1,149,438	1,045	247,378	127,409	115,803	3,386	780	261,491	178,127

### LOUISIANA.

1	\$2,433,101	\$6,282,904	\$1,201,257	\$42,631,897	\$17,324,804	\$42,617	\$6,518,852	\$2,761,380	\$3,645,827	\$33,911	\$77,734	\$2,935,052	\$2,847,114
2	7,554	103,804	7,121	298,281	177,517	299	187,857	15,530	171,810	117	400	82,570	100,721
3	26,230	68,468	413	747,967	197,337	-----	45,580	2,145	43,097	157	131	27,846	2,606
4	184,532	7,947	272	1,799,699	2,908	-----	28,896	4,465	24,320	5	106	2,609	2,663
5	39,578	215,529	15,492	1,115,988	524,392	454	211,923	18,177	191,750	1,593	403	92,382	98,329
6	22,886	160,744	14,518	839,760	447,029	305	171,077	85,527	84,069	1,107	374	74,536	154,478
7	128,471	107,022	17,430	935,944	705,076	107	158,654	91,839	63,474	2,549	792	90,647	81,410
8	109,298	173,055	13,151	1,654,164	1,311,386	-----	226,127	128,569	94,126	3,231	201	185,974	78,799
9	17,998	325,724	34,773	300,506	36,469	-----	302,896	81,995	184,246	703	35,545	264,620	119,885
10	16,938	56,936	2,586	118,626	43,677	13	54,194	19,158	34,344	413	279	31,131	30,302
11	1,070	30,345	7,578	134,594	105,688	58	25,019	1,397	22,699	-----	923	93,728	17,275
12	21,024	71,820	11,909	164,788	90,526	4	40,418	12,468	27,579	249	122	49,166	31,047
13	23,642	119,870	28,981	1,118,304	813,042	-----	193,962	103,552	89,533	631	246	78,692	145,315
14	27,074	30,382	1,024	474,525	335,024	-----	27,120	5,079	21,621	182	238	22,019	22,288
15	23,660	120,175	22,904	1,246,311	939,138	-----	170,229	90,666	78,160	553	850	99,966	61,529
16	70,388	165,477	16,324	580,399	313,692	10	93,173	21,487	70,418	397	871	113,014	35,656

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST SOUTH CENTRAL—Continued.

PARISH OR COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
<b>LOUISIANA—Continued.</b>									
17 East Carroll.....	268,800	138,188	74,961	\$4,212,558	\$1,326,152	\$491,430	\$183,811		\$2,065
18 East Feliciana.....	296,960	104,078	120,508	3,850,886	940,002	204,440	250,034		13,410
19 Franklin.....	403,200	124,221	51,558	3,338,223	610,330	218,453	217,484		754
20 Grant.....	437,120	122,662	44,271	2,815,388	641,491	150,540	149,832		6,570
21 Iberia.....	376,960	171,061	121,436	9,167,002	2,266,789	670,770	498,266		565
22 Iberville.....	373,760	104,728	64,422	7,165,030	1,931,827	466,859	260,810		160
23 Jackson.....	369,920	186,627	64,733	1,911,868	574,108	196,414	187,000	\$20	3,344
24 Jefferson.....	272,000	30,702	14,196	2,673,456	556,119	66,037	26,102		
25 La Salle.....	409,600	62,800	17,030	62,830,502	196,874	73,467	72,550		862
26 Lafayette.....	178,560	162,320	141,762	10,339,316	1,978,296	708,763	636,810		
27 Lafourche.....	634,240	220,688	86,281	10,686,905	2,801,623	445,264	405,739		
28 Lincoln.....	302,080	238,712	129,867	3,324,568	1,025,729	362,419	351,891	60	10,468
29 Livingston.....	423,080	95,708	24,745	1,623,782	526,322	102,684	101,780		608
30 Madison.....	416,000	142,175	65,701	4,157,951	1,270,531	215,055	180,142	16	8,897
31 Morehouse.....	531,840	221,036	93,922	5,136,594	1,322,431	266,137	264,422		1,715
32 Natchitoches.....	824,960	277,979	127,003	6,509,523	1,831,633	472,509	499,847	85	2,399
33 Orleans.....	128,000	10,220	5,187	3,729,078	334,242	10,865	10,865		
34 Ouachita.....	410,880	213,005	92,021	5,339,614	1,155,312	314,863	288,625		26,176
35 Plaquemines.....	643,200	85,380	30,307	3,770,602	1,108,872	239,429	42,479		
36 Pointe Coupee.....	368,640	203,591	115,829	7,996,224	1,346,034	673,036	510,796		376
37 Rapides.....	876,800	251,035	108,742	8,400,452	1,835,230	508,761	505,163	50	3,384
38 Red River.....	256,000	146,198	66,793	2,865,431	777,595	218,877	211,140		2,737
39 Richland.....	361,600	146,450	68,633	3,818,941	905,263	231,821	228,367		3,454
40 Sabine.....	682,800	234,863	84,203	3,118,249	1,101,024	301,791	293,071	20	8,622
41 St. Bernard.....	394,240	23,960	0,882	1,227,796	326,830	35,381	14,081		
42 St. Charles.....	188,800	46,732	21,260	1,962,402	633,042	177,778	73,763		
43 St. Helena.....	268,800	104,201	30,208	1,401,546	542,351	102,813	101,471		823
44 St. James.....	162,560	30,321	48,755	5,513,126	1,569,572	314,805	120,616		
45 St. John the Baptist.....	147,840	45,145	29,438	2,717,208	1,062,666	282,340	80,159		
46 St. Landry.....	1,052,800	467,823	327,623	17,180,012	3,405,838	1,461,162	1,106,849		1,818
47 St. Martin.....	336,000	118,551	87,320	6,199,485	1,320,652	446,462	412,209		
48 St. Mary.....	464,480	162,642	102,938	10,112,117	2,448,875	384,475	367,728		20
49 St. Tammany.....	570,840	72,308	10,618	1,503,802	240,498	62,066	51,672		509
50 Tangipahoa.....	505,600	140,056	41,108	3,780,106	1,238,650	163,189	143,044		14,138
51 Tensas.....	404,480	182,030	93,640	6,004,437	1,425,819	454,516	327,016		960
52 Terrebonne.....	1,123,840	141,726	49,428	5,427,091	1,811,717	180,140	188,290		
53 Union.....	587,620	364,112	148,726	3,531,696	1,235,543	414,424	401,417	47	12,940
54 Vermilion.....	776,320	253,712	177,824	10,322,747	1,777,831	1,087,582	404,678		155
55 Vernon.....	874,880	109,545	26,166	1,928,224	625,066	162,528	158,800		3,623
56 Washington.....	419,200	180,339	62,971	2,993,550	1,214,003	248,411	241,840		6,571
57 Webster.....	389,760	227,279	97,057	3,091,381	1,185,093	332,901	316,544	70	16,287
58 West Baton Rouge.....	136,960	67,383	39,866	3,950,169	1,084,496	322,053	168,847		
59 West Carroll.....	234,240	59,147	28,602	1,783,332	496,742	133,152	132,604		532
60 West Feliciana.....	225,280	145,500	77,070	3,139,711	444,001	175,094	163,945		9,217
61 Winn.....	620,160	180,763	62,868	2,120,388	715,120	171,482	164,850		6,512

OKLAHOMA.

	The state.....	44,424,960	28,859,353	17,551,337	\$918,198,882	\$133,454,405	\$71,708,062	\$48,080,554	\$13,854,322	\$7,172,267
1	Adair.....	373,760	124,176	46,840	2,444,898	368,848	245,621	175,017	34,224	36,324
2	Alfalfa.....	554,880	492,640	407,630	20,191,813	3,314,944	2,850,929	906,858	1,693,454	189,994
3	Atoka.....	638,080	193,109	78,871	3,878,335	566,596	244,450	229,531	540	13,711
4	Beaver.....	1,160,320	845,527	487,283	14,128,217	1,435,281	773,043	68,100	425,938	37,584
5	Beckham.....	580,880	451,826	241,155	11,608,071	1,520,175	532,903	268,829	123,286	76,074
6	Blaine.....	595,840	511,794	337,408	15,817,480	1,828,024	1,530,881	592,711	699,358	194,722
7	Bryan.....	593,920	236,311	77,673	6,444,829	1,029,433	911,667	777,064	1,376	132,477
8	Caddo.....	881,280	826,978	508,155	20,183,589	3,411,214	2,047,472	1,750,810	161,932	97,213
9	Canadian.....	570,240	529,751	384,801	26,348,433	2,770,831	2,144,731	1,148,809	395,074	678,791
10	Carter.....	531,840	244,405	147,855	5,908,188	1,394,112	470,936	456,127	1,455	12,929
11	Cherokee.....	506,240	184,231	75,084	3,367,981	732,262	278,558	220,749	19,470	38,263
12	Choctaw.....	505,000	164,170	87,673	3,642,970	843,615	374,228	360,048	510	13,563
13	Cimarron.....	1,183,300	293,206	117,828	4,013,436	289,055	82,053	8,798	11,641	6,136
14	Cleveland.....	354,560	316,293	172,846	12,273,040	2,088,387	927,570	305,499	17,987	93,632
15	Coal.....	336,000	132,182	67,921	2,656,538	433,992	167,731	147,209	1,004	19,366
16	Comanche.....	1,104,640	923,050	546,180	32,142,578	4,106,512	1,727,276	1,552,253	66,712	72,363
17	Craig.....	484,480	358,395	251,965	9,960,241	1,406,281	1,090,206	900,810	34,781	145,968
18	Creek.....	615,080	301,053	115,385	5,732,341	1,256,973	420,715	414,850	574	1,718
19	Custer.....	638,720	582,704	378,523	10,949,045	2,075,894	1,470,384	885,387	329,874	105,632
20	Delaware.....	508,160	195,340	105,213	5,365,350	860,261	670,883	455,152	136,847	77,772
21	Dewey.....	632,960	524,025	296,179	12,937,127	1,156,806	797,053	561,421	78,876	26,903
22	Ellis.....	779,820	612,851	342,794	13,043,525	1,332,303	890,301	279,101	394,782	53,281
23	Garfield.....	670,040	649,350	502,427	36,043,578	4,068,677	3,598,866	1,070,722	1,754,005	720,590
24	Garvin.....	525,440	342,171	243,198	10,867,673	1,063,204	1,063,881	1,018,189	11,440	40,409
25	Grady.....	655,360	518,553	351,072	20,655,189	2,650,925	2,025,502	1,991,746	14,552	44,156

# STATISTICS, BY COUNTIES.

805

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## WEST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.												Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.							
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			

### LOUISIANA—Continued.

17	\$53,274	\$28,980	\$1,148	\$751,311	\$616,934	-----	\$27,533	\$7,079	\$20,073	\$62	\$319	\$12,394	\$21,295
18	39,544	145,708	8,432	481,878	320,950	-----	95,319	43,326	50,924	471	598	102,580	46,571
19	4,962	62,563	5,385	318,962	222,532	-----	61,216	14,052	46,764	77	323	60,647	21,493
20	51,081	108,149	8,627	317,088	103,490	\$11	80,467	38,196	41,463	381	427	52,543	53,560
21	56,880	104,363	7,382	1,427,388	18,029	300	119,093	26,848	92,082	53	110	33,499	28,443
22	55,954	31,516	718	1,376,782	18,396	-----	30,928	8,434	21,916	578	-----	4,143	15,321
23	13,240	83,937	0,677	271,834	98,840	-----	94,211	55,467	38,044	424	276	26,890	53,645
24	20,031	310,778	14,981	144,292	-----	-----	264,532	254,792	8,877	863	-----	33,563	328
25	7,392	56,534	0,009	53,472	4,156	-----	42,878	14,166	28,193	337	182	27,315	19,366
26	94,196	138,431	5,047	1,031,859	335,151	124	206,769	19,599	188,672	71	427	23,949	96,470
27	100,320	225,462	8,312	2,016,265	-----	-----	103,628	5,534	98,013	62	19	14,539	13,265
28	29,561	103,992	20,206	609,551	289,718	2	196,384	99,594	95,905	818	66	43,119	107,718
29	10,751	89,447	27,491	295,949	130,378	-----	47,063	6,984	38,663	165	1,221	28,414	24,123
30	74,044	12,248	1,458	967,126	816,851	-----	25,195	5,534	19,548	112	-----	2,550	5,273
31	27,764	25,586	1,868	1,002,769	834,822	-----	54,397	19,905	34,361	29	162	24,164	25,960
32	64,700	98,931	9,049	1,186,444	925,289	148	131,346	51,117	77,831	1,565	833	79,492	77,291
33	1,359	132,308	1,991	187,719	-----	-----	686,625	596,964	39,571	90	-----	23,913	4,591
34	65,861	106,006	7,871	660,711	465,830	-----	96,511	45,491	50,065	654	300	34,669	48,283
35	16,977	183,514	209,244	459,708	-----	-----	18,196	479	17,539	134	44	3,068	154
36	68,970	90,654	11,728	1,031,859	181,816	-----	74,156	12,480	56,436	2,007	233	33,353	24,299
37	161,831	235,112	16,238	913,288	364,360	77	118,919	39,670	74,353	1,055	3,881	150,870	66,456
38	43,839	41,301	3,372	470,206	322,174	-----	65,051	29,688	34,938	270	175	32,362	42,267
39	4,716	00,295	4,879	603,552	498,560	4	60,906	21,286	38,799	132	689	42,147	29,659
40	11,337	147,851	27,159	612,886	397,010	48	136,664	63,767	69,584	2,534	779	73,025	104,793
41	17,971	173,652	5,657	-----	-----	-----	11,228	2,481	8,797	-----	-----	5,198	55
42	2,090	48,523	150	404,501	240	20	3,762	15	3,747	-----	-----	1,829	743
43	6,565	55,691	2,697	375,085	259,288	-----	48,062	20,543	26,967	384	188	23,333	24,494
44	79,017	13,224	2,620	1,160,000	1,620	39,735	18,708	3,060	15,612	13	23	3,768	1,533
45	12,787	16,200	2,281	779,052	-----	-----	6,832	514	6,311	-----	-----	7	1,813
46	72,611	302,770	9,790	1,559,505	951,241	251	335,461	28,046	303,274	665	3,478	98,261	189,314
47	21,452	114,258	7,081	731,399	168,489	50	117,183	5,660	109,357	1,976	140	16,168	44,533
48	81,382	27,394	6,085	1,949,539	70	-----	49,670	14,193	35,316	24	37	8,473	5,575
49	11,875	60,639	4,791	100,227	34,090	-----	58,754	27,768	26,377	123	3,986	27,936	28,983
50	41,541	232,159	454,286	347,475	195,521	-----	233,504	164,274	65,540	485	3,205	39,884	41,869
51	36,318	33,258	1,447	900,280	732,291	-----	27,679	7,054	19,985	200	640	21,952	21,951
52	73,032	36,373	1,523	1,511,694	-----	-----	39,192	7,821	31,234	107	30	6,655	5,137
53	24,819	109,698	14,174	730,433	375,847	78	164,049	84,153	78,563	953	90	97,929	111,759
54	18,507	80,442	10,967	580,938	254,254	100	176,276	15,938	156,937	75	325	39,210	90,000
55	8,496	109,443	15,424	229,175	38,855	163	75,228	24,361	43,107	1,185	6,575	49,515	43,329
56	8,973	126,775	5,149	824,695	493,901	-----	78,445	22,291	50,919	603	4,632	47,511	47,232
57	27,646	139,725	22,592	622,229	411,161	72	146,309	75,831	68,226	661	591	50,782	89,461
58	29,283	20,775	683	711,701	26,105	-----	24,617	3,772	20,602	5	38	8,925	7,075
59	11,704	24,948	3,779	323,150	215,604	-----	43,653	26,392	17,031	53	177	27,934	45,293
60	24,901	57,692	6,905	178,809	103,969	-----	30,161	5,442	24,374	113	232	45,444	23,613
61	17,142	128,295	12,202	385,999	53,470	184	105,544	56,335	46,899	1,434	906	43,116	94,825

### OKLAHOMA.

1	\$9,638,648	\$4,210,844	\$1,330,001	\$46,476,250	\$35,399,356	\$5,312	\$18,281,551	\$7,365,295	\$10,850,097	\$24,096	\$42,063	\$54,524,144	\$6,575,550
2	26,227	31,512	17,426	48,062	22,251	615	63,779	22,089	41,327	279	84	99,890	34,086
3	354,828	62,786	3,605	43,096	100	-----	456,793	154,063	301,546	269	915	1,444,202	99,847
4	21,173	34,309	8,040	258,624	183,675	227	97,814	46,907	50,020	231	156	262,385	46,533
5	206,468	33,143	1,543	426,084	1,699	-----	217,289	75,391	141,166	20	712	841,939	194,729
6	130,754	25,895	1,914	828,709	596,242	-----	227,844	94,631	133,147	16	50	551,719	99,656
7	108,215	38,385	3,810	138,633	87,527	-----	301,515	110,369	190,828	27	291	986,674	71,375
8	36,207	51,094	22,502	720,250	720,250	-----	241,530	122,305	118,949	249	27	449,169	134,714
9	180,321	108,880	31,867	1,042,674	785,268	-----	506,267	206,824	301,340	73	1,030	2,207,960	162,786
10	318,652	112,761	45,582	157,815	100,530	-----	449,811	162,661	286,087	933	130	1,398,627	104,075
11	35,119	44,330	12,915	770,812	635,050	-----	135,103	70,846	64,042	137	78	358,151	160,474
12	16,156	29,075	14,896	393,577	276,219	-----	90,721	35,436	54,330	494	461	173,964	43,430
13	44,168	53,645	4,789	366,785	263,608	67	141,900	70,214	71,078	592	16	175,582	55,768
14	127,369	15,825	239	63,669	15	-----	89,588	26,156	42,267	-----	21,165	300,668	35,431
15	109,469	57,748	69,439	924,201	750,562	3	305,735	143,680	160,160	1,777	118	461,777	100,897
16	21,169	25,451	6,478	213,173	173,071	-----	87,001	44,995	41,842	147	17	147,671	34,647
17	198,316	87,992	34,967	2,051,961	1,677,633	-----	533,423	211,023	321,753	29	618	1,501,854	292,929
18	228,838	52,435	8,991	20,111	902	-----	227,514	74,750	152,337	408	19	759,615	77,943
19	32,810	31,711	4,345	767,392	643,807	18	119,731	55,897	64,121	61	2	298,770	37,622
20	368,183	41,012	4,108	252,207	154,947	-----	362,029	130,563	231,122	73	271	1,557,892	110,017
21	90,518	46,536	14,438	37,886	2,947	464	163,016	41,197	120,948	444	427	615,156	77,912
22	131,820	28,176	1,969	196,888	25,170	31	218,064	76,456	140,894	9	1,605	1,316,484	79,688
23	149,283	27,798	200	448,661	1,434	-----	225,624	79,204	146,375	33	12	671,380	79,677
24	317,470	79,747	13,715	88,779	32,552	-----	690,017	232,818	446,369	339	491	2,315,606	134,714
25	75,872	65,233	19,310	1,426,198	1,051,360	-----	235,016	99,050	135,376	590	-----	763,699	130,487
26	125,379	81,631	26,760	391,653	309,599	520	341,302	150,606	190,333	303	10	1,996,362	126,968

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF

WEST SOUTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	All crops.	VALUE: 1909			
	All land.	Land in farms.	Improved land in farms.			Total.	Cereals.		
							Corn.	Wheat.	Oats.
27 Grant	636,160	617,540	474,799	\$2,143,025	\$1,099,548	\$1,529,609	\$1,398,832	\$1,007,189	\$402,514
28 Greer	412,160	343,740	197,138	10,182,600	1,753,461	363,088	182,728	55,060	58,338
29 Harmon	350,720	320,423	173,765	7,738,447	990,652	150,617	85,197	20,448	10,191
30 Harper	661,120	533,417	280,669	9,056,560	856,213	539,796	67,967	375,838	8,734
31 Haskell	303,600	160,199	118,179	4,188,912	1,252,181	423,094	404,221	100	19,478
32 Hughes	547,200	251,998	145,350	5,660,534	1,958,100	588,940	563,457	710	23,261
33 Jackson	497,920	440,750	205,822	18,232,553	2,667,470	700,144	449,149	60,572	81,661
34 Jefferson	400,880	334,851	183,881	8,627,771	1,313,875	524,851	499,356	5,602	17,588
35 Johnston	421,120	247,114	125,007	5,321,428	887,703	488,721	457,375	2,025	28,483
36 Kay	597,700	595,031	439,115	34,791,296	4,336,070	3,707,905	2,720,294	607,729	410,933
37 Kingfisher	569,600	531,629	363,150	20,943,594	2,630,844	1,902,903	838,809	745,450	374,660
38 Kiowa	754,500	630,842	382,296	23,122,346	3,021,003	1,047,658	501,283	303,170	162,109
39 Latimer	470,400	48,174	24,042	1,008,635	244,003	124,929	123,459	1,155	1,155
40 LeFlore	1,032,960	180,588	120,257	4,671,267	1,561,041	481,062	473,511	20	7,475
41 Lincoln	613,700	596,927	322,446	17,038,259	1,614,777	908,538	789,216	3,932	74,299
42 Logan	472,960	449,481	282,213	10,754,257	2,548,380	1,178,531	741,776	132,256	257,115
43 Love	317,440	152,833	98,067	3,440,657	821,484	295,820	201,645	318	3,342
44 McClain	350,680	234,718	165,940	7,167,501	1,505,473	326,175	910,744	700	14,115
45 McCurtain	1,214,080	137,823	61,002	2,565,740	566,331	300,401	298,843	1,256	1,256
46 McIntosh	423,040	234,887	152,386	6,344,266	1,947,685	680,524	628,866	1,044	50,234
47 Major	599,680	526,230	279,055	15,120,969	1,533,190	970,752	413,065	419,440	69,951
48 Marshall	268,160	152,999	110,003	3,838,999	815,078	454,020	387,081	3,539	62,462
49 Mayes	432,640	227,446	150,172	7,382,037	759,175	581,761	479,143	44,235	58,589
50 Murray	271,800	180,300	80,060	4,117,790	659,720	293,254	281,950	555	10,194
51 Muskogee	520,960	320,891	217,622	13,552,711	1,946,945	856,330	769,971	674	85,622
52 Noble	469,760	431,620	261,378	15,068,631	2,003,460	1,534,928	843,305	296,738	338,478
53 Nowata	375,040	249,193	165,066	6,942,266	725,616	597,228	483,686	31,758	73,901
54 Okfuskee	398,720	232,828	131,831	4,917,094	1,821,516	308,814	385,776	20	11,929
55 Oklahoma	458,880	395,775	257,185	28,959,788	2,303,222	1,140,579	730,139	81,483	277,944
56 Okmulgee	434,560	334,869	132,505	8,654,029	1,147,435	522,380	498,561	183	22,971
57 Osage	1,457,280	735,660	279,313	10,465,703	2,045,742	1,472,080	1,411,380	10,413	27,379
58 Ottawa	305,280	211,037	139,092	7,139,532	1,110,568	490,084	678,479	70,658	66,772
59 Pawnee	373,760	337,115	198,490	10,038,085	1,774,041	948,737	827,965	23,998	57,067
60 Payne	433,920	424,012	202,098	15,451,022	2,920,238	1,182,422	925,828	19,181	141,175
61 Pittsburg	870,800	249,472	135,823	6,308,826	1,200,104	440,715	423,225	595	16,785
62 Pontotoc	465,920	241,155	147,392	5,813,273	1,499,043	498,202	460,549	2,690	34,482
63 Pottawatomie	507,520	447,373	261,794	16,279,605	3,721,800	1,065,720	918,029	869	77,406
64 Pushmataha	915,200	80,014	34,064	1,443,831	291,041	162,008	160,840	2,008	2,008
65 Roger Mills	726,400	562,812	282,169	10,581,497	1,227,095	565,952	411,136	47,249	54,235
66 Rogers	467,200	312,561	187,330	8,639,129	1,001,353	815,284	655,623	61,719	94,829
67 Seminole	405,120	249,120	139,345	4,646,119	1,810,184	436,623	424,490	225	10,579
68 Sequoyah	443,620	199,839	133,478	4,988,908	1,750,370	481,228	465,817	15,375	15,375
69 Stephens	674,080	381,211	246,147	11,452,419	2,090,272	1,010,673	993,308	465	13,362
70 Texas	1,321,600	748,383	456,356	11,082,370	884,380	477,276	19,537	208,745	17,755
71 Tillman	469,120	290,883	327,190	19,085,239	3,059,338	1,587,596	1,185,609	207,650	173,057
72 Tulsa	361,600	264,625	97,299	9,729,598	1,372,944	1,078,510	906,713	15,011	25,882
73 Wagoner	348,800	270,471	169,564	9,251,153	1,872,937	601,182	597,708	11,662	51,462
74 Washington	272,000	122,396	79,864	3,691,632	473,903	373,936	321,153	7,609	32,239
75 Washita	643,840	613,819	394,712	23,087,438	3,346,883	1,777,528	782,062	657,992	292,037
76 Woods	803,200	655,921	354,003	17,608,740	2,003,142	1,589,479	340,161	1,050,490	69,348
77 Woodward	789,120	619,933	416,758	14,646,527	1,188,566	717,765	355,231	214,031	47,297

OKLAHOMA—Continued.

TEXAS.

1 The state	167,934,720	112,435,007	27,360,660	\$2,218,045,164	\$298,133,466	\$67,109,923	\$50,564,618	\$2,891,061	\$3,699,634
2 Anderson	600,320	375,929	172,080	5,374,759	1,869,982	480,440	479,483	20	6,937
3 Andrews	1,001,600	342,466	1,105	3,507,471	4,579	2,674	830	.....	2,020
4 Angelina	601,600	158,046	48,342	2,117,148	628,362	194,746	192,720	.....	16
5 Aransas	153,600	59,436	1,843	747,385	33,730	1,093	813	.....	9,469
6 Archer	558,080	443,915	80,165	9,395,348	471,190	97,081	59,721	21,032	.....
7 Armstrong	577,920	837,720	116,734	6,820,459	219,135	122,213	15,898	15,338	36,456
8 Atascosa	869,120	476,906	90,040	7,852,858	460,103	38,614	37,226	.....	75
9 Austin	465,920	340,021	164,448	9,414,447	1,853,631	490,061	495,370	3	550
10 Bailey	659,200	365,128	11,000	4,193,213	27,119	18,095	1,167	2,000	65
11 Bandera	629,120	475,923	36,783	3,940,208	157,885	54,132	40,767	631	9,985
12 Bastrop	554,880	395,758	157,228	9,055,540	2,074,893	320,258	320,042	.....	195
13 Baylor	563,200	491,218	102,507	7,582,970	807,362	103,642	67,693	14,419	3,878
14 Bee	547,840	402,280	100,759	9,884,774	788,733	105,095	98,412	.....	.....
15 Bell	693,120	568,393	348,511	35,934,575	5,705,555	901,113	705,394	16,327	238,908
16 Bexar	808,320	777,596	185,534	28,049,350	1,783,623	181,141	173,964	74	9,734
17 Blanco	480,000	447,664	36,804	4,190,628	305,492	24,485	15,960	1,630	5,855
18 Borden	572,800	271,150	25,736	2,783,381	26,715	9,389	78,808	.....	40,373
19 Bosque	624,000	580,998	222,202	13,960,895	1,369,947	141,831	78,800	20,729	6,889
20 Bowie	558,720	334,165	161,116	6,984,918	1,949,400	622,944	615,585	.....	1,718
21 Brazoria	882,000	748,512	71,621	8,671,332	2,665,507	181,750	159,191	6,200	.....
22 Brazos	357,960	298,727	137,886	8,255,810	2,292,165	474,857	473,219	.....	1,484
23 Brewster	3,798,400	1,458,250	2,322	5,917,484	10,785	733	403	.....	13,569
24 Briscoe	577,920	480,678	92,418	6,944,461	167,870	54,099	12,509	4,299	706
25 Brown	611,840	542,843	173,629	13,065,833	1,741,111	52,823	36,455	2,966	311
26 Burleson	427,760	341,670	136,555	7,599,190	1,046,158	465,823	465,241	1,950	.....



STATISTICS, BY COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

WEST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.												Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.							
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			

OKLAHOMA—Continued.

27	\$436,824	\$88,732	\$1,104	\$40,159	\$1,099,814	\$20	\$582,088	\$157,805	\$422,618	\$890	\$785	\$1,622,650	\$126,705
28	83,433	25,855	3,771	1,277,314	669,103		172,081	80,655	91,155	34	237	637,014	92,051
29	47,349	11,088	1,038	780,500	144,311		129,726	61,044	68,627	23	32	242,637	85,027
30	152,321	19,379	403	144,311	944		136,251	51,864	84,323	10	54	509,445	51,481
31	30,099	60,131	10,583	721,374	604,387	93	137,644	70,512	66,070	933	129	247,031	121,078
32	27,228	63,214	18,071	1,260,647	1,053,398	191	191,548	82,334	108,707	451	26	331,577	102,037
33	163,443	60,601	2,493	1,731,789	1,479,129		252,762	117,312	134,890	399	171	468,211	106,950
34	58,977	34,740	13,701	681,546	570,098		195,737	89,184	108,118	427	8	1,144,285	75,266
35	23,943	37,293	13,095	323,811	256,230		116,868	57,285	69,991	192	300	524,344	72,827
36	447,125	90,541	8,126	22,289	490		529,796	192,739	335,620	650	787	2,108,666	115,804
37	221,583	60,873	33,585	330,900	252,093		425,260	162,619	262,242	92	397	994,211	87,139
38	268,943	42,268	2,491	1,060,243	1,402,171		402,682	174,433	227,856	50	343	836,390	104,208
39	9,115	10,905	1,759	89,255	71,130	128	48,793	27,253	20,823	410	307	61,791	24,827
40	43,411	100,100	14,177	922,291	744,143	190	178,193	82,929	82,924	1,414	326	232,494	145,522
41	197,155	103,990	83,136	2,322,858	1,925,222	15	473,817	181,399	291,410	452	456	741,096	151,363
42	206,003	85,594	52,454	1,025,198	810,753		417,304	170,117	246,164	704	319	846,762	96,564
43	12,428	22,200	4,920	480,116	495,013		82,300	42,755	39,232	118	195	311,278	63,392
44	25,462	35,460	2,087	515,389	430,155	10	155,491	71,655	83,553	282	1	396,631	75,360
45	6,985	35,141	5,184	218,560	111,886	282	67,163	32,210	34,234	517	262	158,139	42,165
46	35,014	59,773	21,454	1,150,920	937,304	162	147,533	62,136	84,886	516		209,549	60,976
47	168,123	40,096	8,619	339,600	10,128		345,053	141,353	203,312	37	351	636,177	82,341
48	20,916	31,781	5,587	302,774	241,649	1	113,475	50,783	62,619	73		299,490	41,919
49	66,618	35,902	8,579	60,315	51,892		117,870	31,526	85,625	131	288	598,197	53,995
50	28,042	23,082	3,586	311,756	249,952		99,414	59,071	40,145	194	24	406,099	46,987
51	119,881	141,883	27,897	800,954	655,816		223,829	111,456	113,966	323	84	698,595	104,976
52	198,719	51,053	35,819	182,050	117,907	44	314,857	124,483	190,112	45	217	827,794	75,330
53	91,715	25,449	3,763	7,461	7,461		109,070	35,425	73,519	35	91	536,012	41,919
54	27,381	40,016	10,145	1,345,160	1,129,226	17	108,186	46,862	61,242	75	7	262,365	62,196
55	255,395	150,936	68,360	681,943	511,052	5	489,127	250,160	238,044	861	62	595,973	87,777
56	96,950	39,417	8,972	479,716	384,250	13	129,361	51,014	75,289	58		789,713	48,547
57	214,060	62,204	12,038	284,760	161,236	325	200,727	67,347	132,213	41	126	2,763,098	78,337
58	180,817	51,382	21,730	37,505	40,150		169,831	50,208	117,859	360	495	569,319	62,624
59	164,864	70,723	621,398	521,398	420,915	45	275,471	109,535	164,615	314	1,067	888,201	76,546
60	197,908	86,674	80,727	1,378,507	1,118,435	12	493,663	249,011	249,011	1,354	1,143	789,858	99,866
61	71,130	94,468	18,580	583,925	454,143	128	297,869	102,486	103,644	611	628	523,676	65,001
62	37,192	103,185	31,945	828,519	650,437	909	214,936	105,057	109,322	527	39	361,694	100,596
63	172,126	183,754	112,332	2,247,868	1,813,213	20	439,672	194,806	237,155	1,286	425	554,497	187,665
64	4,455	15,079	1,183	107,356	76,453	8	34,255	19,054	14,746	363	92	82,629	39,731
65	195,520	20,366	1,143	438,105	143,578		180,457	64,355	115,591	268	483	796,623	93,719
66	87,174	48,036	14,243	36,610	23,235	10	179,516	59,568	119,691	181	76	746,533	76,523
67	27,744	44,758	8,154	1,361,907	1,074,052		128,827	57,707	70,892	201	27	257,355	81,396
68	24,552	94,320	27,013	1,123,257	906,083	37	143,426	76,546	65,969	643	268	290,498	166,147
69	81,708	63,716	21,875	912,300	740,112		222,265	91,382	130,648	25	210	856,352	113,927
70	109,753	18,546	119	188,686	1,724		219,156	78,298	139,975		883	336,929	73,510
71	114,512	33,366	6,829	1,317,035	1,084,609		252,491	96,715	155,468	35	273	569,539	87,891
72	100,635	68,789	14,377	151,783	116,291	65	218,030	89,452	128,333	131	114	653,711	59,824
73	80,811	72,065	25,507	1,033,372	858,173		173,395	60,757	112,450	188		543,096	73,845
74	66,596	20,057	3,563	9,751	2,441		76,971	21,484	55,463	24		266,560	21,653
75	225,308	69,757	9,069	1,264,621	1,078,587		420,158	171,969	247,899	38	252	922,694	154,914
76	186,331	32,381	480	194,471	2,369		363,371	117,601	245,672	8	99	823,328	99,380
77	217,998	25,677	2,390	224,836	3,701		320,704	129,629	190,569	17	489	962,610	81,688

TEXAS.

1	\$12,824,433	\$12,122,255	\$2,304,874	\$203,771,981	\$162,735,041	\$26,034	\$34,389,539	\$15,679,924	\$16,129,509	\$322,798	\$2,267,306	\$78,647,800	\$15,151,953
2	13,815	150,376	25,273	1,188,078	874,805	5,940	261,653	150,408	108,685	2,235	325	122,796	84,822
3	1,760	145					718	344	309		65	244,070	10,750
4	12,134	128,063	8,141	285,278	153,440	14	132,654	75,446	55,528	1,525	155	48,158	52,333
5	3,231	24,367	310	4,789	1,300		18,583	7,848	7,490	45	3,200	25,370	14
6	47,098	3,134	2,283	321,594	278,319		65,227	26,276	38,311	10	630	710,134	31,838
7	82,448	720	15	13,733			47,090	14,591	31,447		1,052	520,949	17,229
8	26,902	11,028	6,361	382,598	308,061		68,017	23,669	36,956	7,165	227	252,285	18,621
9	98,724	105,469	3,540	1,149,837	947,553	265	260,302	65,123	182,468	1,827	884	196,216	140,587
10	8,415	269		340	40,788		5,433	1,356	4,033		24	130,947	3,243
11	26,931	8,817	4,000	64,005	40,788		108,599	14,594	19,407	1,194	73,404	175,134	16,376
12	48,055	87,150	2,655	1,010,775	1,214,817		177,033	75,046	101,305	611	71	224,718	111,339
13	54,988	1,018	831	704,823	593,918		82,625	40,054	40,548	77	1,346	267,733	38,358
14	65,040	26,359	946	589,784	499,901		55,573	18,148	20,922	5,788	765	457,711	18,170
15	77,950	65,620	8,385	4,592,487	3,886,448	20	549,615	227,055	297,702	4,587	29,271	314,737	208,371
16	194,578	125,370	75,145	1,204,389	919,949		672,493	490,741	158,639	9,916	13,167	434,633	69,363
17	21,774	5,251	3,988	249,994	196,093		57,095	17,300	20,965	506	18,318	325,016	27,672
18	3,047			14,279	12,173		14,583	6,445	7,128		25,873	289,280	89,766
19	77,604	25,216	9,391	1,145,905	952,551		204,240	90,996	89,744	719	1,329	197,994	108,586
20	30,948	111,098	18,250	1,166,250	917,899	158	290,062	150,637	138,493	2,081	292	254,633	28,431
21	53,500	96,051	50,798	282,808	39,296		130,314	58,372	69,569				
22	32,830	92,430	3,464	1,688,584	1,362,038		143,201	56,850	82,854	2,264	1,233	191,120	76,932
23	7,545	424	523	1,560	1,560		25,079	8,454	9,941	888	9,941	434,572	2,386
24	65,673	3,372	17	44,709	37,898		24,418	11,263	13,027		126	432,939	15,459
25	109,714	20,827	7,784	1,551,943	868,862		234,132	142,929	48,471	4,4	303	448,133	79,767
26	28,159	46,860	1,444	1,433,842	1,153,234	45	101,692	36,727	63,454	1,148		193,366	88,246

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST SOUTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
27 Burnet	623,360	578,041	97,530	\$8,037,041	\$680,712	\$93,296	\$70,538	\$3,486	\$18,157
28 Caldwell	327,040	268,578	107,041	15,404,022	3,358,421	285,242	285,242		206
29 Callahan	360,320	96,231	15,801	2,815,250	144,428	15,777	15,170		
30 Callahan	540,560	468,482	120,200	8,897,500	1,410,002	96,989	34,099	1,425	574
31 Cameron	1,557,760	540,004	32,908	8,184,783	475,539	46,382	39,414		
32 Camp	132,480	107,970	63,042	2,275,842	810,248	180,143	187,077		
33 Carson	571,520	498,375	80,357	7,155,384	201,229	119,588	7,945	30,330	1,936
34 Cass	008,040	297,732	185,093	5,731,042	1,908,040	559,029	554,064		4,365
35 Castro	573,440	280,108	71,235	8,485,741	201,659	52,254	5,076	14,214	3,356
36 Chambers	395,520	180,560	53,825	3,243,062	403,387				
37 Cherokee	671,360	344,894	185,188	7,003,046	2,500,475	756,574	739,303	95	17,111
38 Childress	469,120	300,570	109,875	8,801,856	770,570	103,089	47,525	3,523	705
39 Clay	741,120	719,370	233,495	10,205,685	2,500,038	668,201	497,737	98,597	68,972
40 Cochran	556,160	490,970	1,820	5,206,146	0,253	5,860	1,860		
41 Coke	595,840	555,333	65,085	8,686,196	040,412	61,045	19,635	500	578
42 Coleman	825,000	718,107	238,751	10,000,466	2,770,770	201,790	43,122	1,780	801
43 Collin	561,020	501,855	427,581	33,444,289	6,043,540	2,045,458	1,497,158	222,089	325,346
44 Collingsworth	574,720	412,845	104,802	7,302,884	503,668	171,370	140,230	2,756	3,044
45 Colorado	622,080	383,919	167,866	9,704,144	1,183,443	539,880	385,003	230	727
46 Comal	357,821	353,821	47,463	7,320,504	609,432	97,140	81,018	2,014	13,962
47 Comanche	606,720	541,475	252,560	17,153,930	2,526,862	140,900	128,430	768	3,518
48 Concho	587,520	538,835	80,582	8,166,342	629,294	92,233	11,122	375	
49 Cooke	577,280	500,120	250,587	18,423,511	2,473,064	876,495	599,272	182,212	94,244
50 Coryell	694,400	606,510	236,335	16,324,131	2,002,532	435,880	300,185	37,405	97,631
51 Cottle	647,680	460,439	213,572	8,290,437	315,330		25,852		825
52 Crane	561,020	310,362	1,584	2,210,072	1,090	1,509	142		
53 Crockett	2,063,000	1,363,227	47,344	6,062,580	19,091	1,250			
54 Crosby	556,800	370,001	30,351	5,322,840	92,231	37,390	11,842	325	
55 Dallam	980,480	346,097	48,443	8,610,886	137,662	67,771	2,433	24,804	1,632
56 Dallas	549,760	492,888	353,301	87,106,297	4,337,105	776,741	638,086	48,158	87,098
57 Dawson	577,920	177,432	42,631	2,702,162	70,932	49,321	12,599		
58 De Witt	562,520	545,585	163,913	10,054,060	2,009,732	530,427	529,026		1,201
59 Deaf Smith	991,360	273,450	86,292	7,283,927	175,383	44,403	700	34,006	6,253
60 Delta	167,040	151,773	113,962	7,360,561	2,441,747	434,658	420,782	40	13,702
61 Denton	609,280	540,380	343,465	24,575,141	3,340,507	1,104,917	571,286	444,442	88,574
62 Dickens	563,840	1,555,156	34,502	10,665,021	133,057	29,602	14,013		
63 Dimmit	870,400	301,745	8,063	3,686,986	74,950	15,015	13,047		1,688
64 Donley	570,840	488,721	82,008	8,807,786	364,628	173,042	61,352	1,806	3,367
65 Duvall	1,168,000	609,845	42,397	3,326,008	268,044	7,438	7,438		
66 Eastland	592,000	420,137	173,631	10,368,162	2,092,322	97,103	75,208		811
67 Ector	570,880	452,860	4,796	3,801,645	19,753	12,197	1,759		
68 Edwards	1,605,280	1,489,061	8,684	7,516,383	68,058	10,541	12,202	250	1,044
69 El Paso	5,071,840	2,340,829	16,772	13,116,948	456,617	30,900	6,046	15,820	1,837
70 Ellis	624,060	539,139	440,194	40,594,786	6,910,352	654,449	636,978	2,321	14,658
71 Erath	603,120	610,358	266,701	15,811,883	2,141,638	59,058	48,476	154	947
72 Falls	476,800	407,058	290,216	23,973,515	5,164,147	970,430	913,206	189	62,622
73 Fannin	536,320	477,796	370,656	22,490,291	5,917,246	1,724,299	1,497,627	67,351	159,558
74 Fayette	619,520	521,120	109,639	15,004,341	2,508,350	712,026	711,443	10	1,213
75 Fisher	566,400	447,942	138,684	10,350,001	1,052,295	68,405	15,447	118	363
76 Floyd	647,040	311,118	73,265	7,708,052	216,460	79,653	13,977	1,149	6,486
77 Foard	301,680	290,704	73,218	6,594,469	548,983	162,854	62,428	78,976	10,235
78 Fort Bend	506,880	309,654	140,755	12,903,628	1,904,578	646,841	493,539		288
79 Franklin	184,960	141,847	76,025	3,000,404	824,378	239,169	236,396		2,773
80 Freestone	564,480	511,577	151,577	5,688,703	1,752,807	451,877	447,646		4,201
81 Frio	719,360	635,515	100,122	16,456,716	562,787	13,436	9,820		
82 Gaines	985,600	500,772	19,717	5,006,907	63,791	27,214	24,764		
83 Galveston	252,800	51,116	18,990	5,458,038	738,573	36,042	15,230		153
84 Garza	556,800	444,683	10,398	2,770,437	56,406	37,211	3,776		
85 Gillespie	709,760	669,681	72,323	10,170,742	807,908	74,348	44,890	7,192	17,081
86 Glasscock	554,240	356,720	15,384	4,580,594	62,570	25,157	1,057		
87 Goliad	511,360	388,768	77,983	8,322,397	958,603	105,326	103,616		588
88 Gonzales	622,800	528,203	218,257	17,904,423	3,090,244	522,985	522,495		12,749
89 Gray	575,360	359,320	91,759	6,428,587	352,703	218,409	71,711	83,167	67,611
90 Grayson	602,880	583,527	402,825	27,941,505	5,089,207	2,081,912	1,274,414	125,090	12,749
91 Gregg	199,680	134,386	70,238	2,355,260	845,802	139,116	135,273		3,838
92 Grimes	519,680	320,370	155,300	5,581,026	1,621,474	376,142	375,658		484
93 Guadalupe	449,920	377,107	201,399	19,706,393	3,390,717	118,126	411,107	607	5,872
94 Hale	663,040	379,679	126,514	11,092,081	374,995	116,600	29,846	16,566	4,849
95 Hall	576,040	458,250	117,130	8,306,971	801,849	104,257	38,192		38
96 Hamilton	533,120	450,042	158,676	11,068,219	885,240	68,713	42,353	3,782	20,347
97 Hansford	564,480	233,550	92,997	3,234,012	136,731	60,771	2,100	25,520	14,653
98 Hardeman	487,040	310,388	133,187	3,386,814	1,040,843	341,028	190,384	82,707	18,940
99 Harris	551,680	45,081	6,743	975,464	145,123	45,326	45,168		158
100 Harris	1,058,600	400,640	148,172	18,130,815	1,900,702	1,106,380	321,916	2,475	1,353
101 Harrison	558,080	438,557	258,581	6,683,461	2,378,144	471,177	464,590		6,672
102 Hartley	964,480	516,204	195,052	5,325,043	70,405	20,013	1,075	10,092	1,667
103 Haskell	469,601	469,601	223,953	14,742,133	1,652,947	334,553	96,096	10,273	5,496
104 Hays	388,720	359,826	92,277	10,447,240	1,785,958	250,627	242,807		7,825
105 Hemphill	553,720	370,179	52,768	4,708,699	142,075	62,241	43,705	9,243	5,103
106 Henderson	605,440	360,219	155,130	6,170,177	1,788,433	526,677	519,647		6,894

TEXAS—Continued.

# STATISTICS, BY COUNTIES.

809

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

## WEST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.													
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909.	Value of animals slaughtered on farms: 1909.	
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
27	\$32,079	\$17,825	\$36,791	\$506,121	\$386,136	.....	\$230,940	\$40,360	\$66,284	\$1,325	\$119,971	\$507,758	\$67,652
28	151,876	52,508	13,151	2,855,360	2,403,700	.....	195,146	75,096	114,776	5,070	204	192,750	102,944
29	21,382	12,030	919	93,714	79,251	.....	26,892	12,737	13,113	134	908	51,316	7,672
30	111,618	33,777	18,080	1,155,238	912,124	.....	128,241	64,449	63,494	728	570	378,062	55,695
31	30,976	188,820	1,310	208,040	49,842	.....	34,122	16,082	15,166	2,124	750	191,710	5,439
32	10,058	44,631	4,238	567,678	427,179	\$33	86,740	45,633	40,636	471	.....	49,996	56,324
33	57,690	1,478	9	22,590	140	.....	29,808	9,738	20,058	.....	12	827,154	12,781
34	30,880	154,935	16,442	1,200,790	877,701	69	225,818	128,227	96,375	1,010	206	145,317	129,799
35	133,260	4,051	15	11,470	490	.....	37,073	10,573	15,387	.....	8,163	299,350	29,266
36	65	68,180	3,099	11,046	4,027	.....	35,668	3,794	31,565	100	219	29,498	4,433
37	21,245	626,330	28,700	1,097,620	678,023	104	283,021	150,651	130,089	1,980	301	202,545	152,833
38	60,211	13,752	140	587,398	491,106	.....	113,044	55,112	57,961	.....	1	261,258	29,944
39	115,531	35,770	18,739	1,608,397	1,413,408	.....	197,733	85,810	111,817	3	163	1,269,362	116,676
40	2,945	448	.....	.....	.....	.....	1,562	594	999	.....	9	436,054	2,261
41	68,600	8,014	1,924	509,820	416,394	.....	89,525	39,885	29,688	2,058	18,394	263,192	24,379
42	187,388	27,818	10,324	2,253,450	1,877,747	.....	260,691	117,077	111,176	2,811	29,627	682,554	161,476
43	162,499	52,263	11,075	4,372,245	3,660,870	.....	520,641	189,573	325,540	2,654	2,869	595,515	299,753
44	92,278	6,614	400	233,006	184,148	.....	65,603	32,073	33,492	.....	38	461,796	36,699
45	99,372	81,990	1,313	490,888	344,803	105	185,308	67,916	110,568	.....	523	269,366	93,049
46	39,292	16,371	3,406	513,214	384,370	65	116,720	44,679	65,872	1,916	4,253	174,770	47,190
47	129,809	31,810	14,164	2,204,080	1,802,131	.....	324,506	165,571	152,080	922	5,983	371,422	179,374
48	55,994	818	1,468	478,781	410,913	.....	106,329	25,984	26,233	2,955	51,157	632,526	17,074
49	126,487	85,906	32,010	1,352,676	1,107,821	.....	372,379	186,846	184,430	715	389	388,266	172,828
50	52,279	38,028	9,009	1,557,388	1,232,209	.....	299,052	107,935	146,085	1,707	33,324	529,524	150,464
51	4,827	434	20	264,775	223,606	.....	45,709	23,612	21,797	.....	.....	644,659	10,576
52	225	176	.....	80	.....	.....	2,037	698	1,199	.....	.....	167,246	1,921
53	9,685	241	464	8,351	.....	.....	148,709	2,412	3,925	72	142,800	357,843	1,982
54	48,389	3,201	44	3,198	1,944	.....	22,016	11,303	10,706	.....	7	484,151	13,117
55	62,621	3,549	3	3,718	.....	.....	29,820	12,828	13,060	.....	4,387	73,674	8,721
56	143,424	171,252	12,313	3,234,375	2,568,935	.....	920,680	599,274	312,381	597	8,428	664,629	249,530
57	1,110	88	39	20,374	13,201	.....	21,348	9,240	12,107	.....	1	102,513	16,279
58	79,726	104,885	3,697	1,951,147	1,609,048	50	261,104	99,868	183,585	1,542	6,109	1,113,166	109,346
59	110,226	4,492	5	16,267	.....	.....	50,603	13,928	16,406	.....	20,269	352,528	17,997
60	51,614	46,598	1,484	1,907,393	1,638,606	.....	166,829	83,268	81,671	1,900	.....	128,562	111,917
61	40,906	39,849	14,843	2,140,082	1,787,317	.....	333,336	125,094	202,644	179	5,418	662,639	191,325
62	13,453	3,034	205	80,263	70,544	.....	28,497	14,834	18,543	.....	120	369,863	18,939
63	11,725	39,399	47	8,704	4,517	.....	12,858	1,505	3,826	7,527	.....	206,909	7,200
64	84,239	13,007	200	93,780	75,066	.....	45,047	18,287	26,320	.....	440	509,243	25,073
65	6,791	1,269	44	252,512	211,459	.....	4,732	295	3,452	3	982	337,774	2,282
66	107,308	21,547	7,962	1,868,312	1,526,777	.....	200,525	103,999	105,197	160	169	213,022	95,614
67	3,717	1,215	130	2,404	2,163	.....	5,925	2,114	3,807	.....	4	183,959	3,693
68	20,794	10,529	3,201	10,933	1,349	.....	298,638	9,522	9,148	2,611	272,257	994,030	33,897
69	309,530	67,892	39,160	9,145	.....	.....	80,297	65,504	10,409	1,345	3,089	290,528	5,579
70	106,039	35,274	10,600	6,103,390	5,199,151	.....	520,777	248,936	298,223	1,939	679	440,527	261,846
71	124,842	24,857	54,570	1,878,311	1,489,182	.....	319,376	169,051	155,521	477	327	432,285	139,691
72	113,801	56,267	5,165	4,012,475	3,436,335	.....	297,094	125,464	169,249	1,636	745	429,335	149,641
73	215,176	169,065	45,736	3,762,920	3,138,296	19	529,348	235,319	291,337	2,616	76	690,106	222,672
74	182,740	117,725	1,712	1,543,241	1,214,075	838	461,047	159,709	301,597	1,896	845	336,055	219,353
75	81,813	9,287	1,095	891,095	735,745	.....	119,018	63,015	55,547	.....	2	259,412	61,662
76	86,715	10,180	287	30,685	25,738	.....	61,237	29,434	31,287	.....	516	235,465	25,357
77	26,137	1,535	212	358,245	305,509	.....	45,612	22,970	22,986	.....	256	268,853	27,376
78	34,236	131,597	3,210	1,088,094	617,622	.....	119,689	37,316	81,122	787	454	322,463	43,062
79	9,070	48,746	5,752	521,641	399,188	175	87,773	40,943	46,238	552	40	198,420	59,229
80	10,065	70,733	7,786	1,208,346	961,120	.....	172,020	85,354	84,674	1,760	232	287,434	92,824
81	33,917	6,498	1,613	507,323	417,507	.....	49,266	14,298	18,216	11,050	5,702	352,337	19,979
82	34,463	508	.....	1,540	400	.....	10,867	3,354	7,513	.....	.....	236,145	4,744
83	26,059	230,347	67,975	378,160	1,060	.....	172,371	126,058	44,934	18	1,261	61,828	6,556
84	2,000	.....	.....	17,255	7,800	.....	6,614	3,280	3,334	.....	.....	188,518	1,842
85	151,344	31,916	20,847	520,513	420,015	80	125,260	49,971	37,235	850	37,204	392,490	79,810
86	13,283	2,343	47	21,785	18,525	.....	16,646	5,189	6,399	.....	5,058	184,082	2,319
87	44,717	28,261	1,912	688,387	558,991	.....	98,973	17,727	70,521	720	1,005	312,682	44,835
88	104,967	96,200	28,601	2,336,491	1,907,361	77	278,850	89,332	184,926	1,478	3,114	834,832	144,536
89	116,513	11,221	301	6,109	1,390	.....	45,005	18,045	25,919	.....	1,041	418,758	24,153
90	139,994	142,070	52,174	2,673,057	2,056,950	.....	630,225	333,127	295,376	1,232	490	752,104	294,829
91	12,296	61,500	14,021	617,879	380,732	32	109,045	64,763	43,757	402	123	52,056	63,696
92	36,741	80,774	1,284	1,126,533	902,590	.....	151,793	68,049	81,138	2,267	259	324,268	85,141
93	98,643	40,770	33,673	2,799,505	2,308,490	.....	192,485	79,049	110,742	2,487	207	180,694	137,494
94	231,735	11,306	771	14,533	902	.....	84,433	40,413	42,214	.....	1,806	499,949	41,069
95	75,047	6,108	478	615,959	526,850	.....	92,801	48,546	43,953	.....	.....	452,235	49,138
96	27,504	9,146	3,368	776,440	651,139	.....	149,983	58,683	65,570	502	25,228	407,723	87,867
97	67,954	1,552	48	406	.....	.....	17,863	7,637	8,243	.....	1,983	184,921	11,249
98	46,929	8,974	373	643,539	544,970	.....	94,806	44,922	49,822	.....	2	269,244	39,679
99	2,824	60,831	8,047	28,055	1,920	45	39,460	15,709	22,136	.....	1,321	23,433	18,538
100	135,304	277,027	73,064	307,958	146,068	1,007	390,083	242,183	143,672	241	3,987	311,793	68,865
101	15,012	288,671	67,726	1,586,558	1,167,469	519	244,959	142,541	101,388	767	263	122,339	68,883
102	42,992	5,471	220	1,709	.....	.....	21,112	10,850	10,262	.....	71	202,460	74,257
103	30,977	7,783	2,306	1,277,328	1,092,421	.....	149,566	67,067	82,255	173	.....	143,570	25,386
104	62,990	8,930	1,805	1,461,909	1,164,044	.....	110,988	65,370	37,114	1,680	6,524	426,722	32,180
105	71,864	2,188	65	9,367	.....	.....	16,146	6,082	10,064	.....	.....	426,722	32,180
106	16,722	123,813	18,114	1,103,107	809,110	15	223,027	98,546	121,817	2,499	165	244,263	111,103

TEXAS—Continued.

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST SOUTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
107 Hidalgo	1,456,640	650,322	31,407	\$10,902,746	\$325,110	\$25,174	\$24,209	\$730	\$100
108 Hill	618,240	542,789	408,186	34,571,075	0,371,030	750,930	687,336	4,617	63,495
109 Hockley	554,880	181,432	2,657	2,214,720	10,023	4,021	3,145		
110 Hood	259,200	237,988	90,942	0,611,645	531,451	22,287	21,451	152	376
111 Hopkins	520,320	442,028	253,510	11,441,295	3,057,524	838,528	809,000	347	28,554
112 Houston	787,840	403,235	193,371	5,943,309	2,404,321	535,042	531,463		4,044
113 Howard	570,240	853,904	84,799	11,577,314	239,810	54,343	4,045	1,800	
114 Hunt	571,520	404,798	343,927	22,061,678	5,003,295	1,130,039	1,003,757	3,347	127,380
115 Hutchinson	562,560	371,970	23,785	3,337,979	114,774	56,020	7,679	11,737	9,515
116 Irion	638,720	154,716	5,257	1,306,055	67,806	19,411	4,315	75	7,160
117 Jack	615,680	541,688	107,442	8,777,093	818,654	80,563	77,253	489	601
118 Jackson	571,520	989,567	258,070	10,343,721	608,640	444,764	102,192	50	1,028
119 Jasper	625,920	100,910	22,232	1,737,712	467,325	125,862	124,941		921
120 Jeff Davis	1,448,320	899,572	5,708	3,731,010	21,721	3,395	1,095		
121 Jefferson	588,800	201,844	145,431	6,504,990	1,757,917	1,597,700	38,095		90
122 Johnson	473,600	429,202	249,416	21,198,656	1,688,954	55,799	51,908	733	1,880
123 Jones	590,080	494,154	245,776	16,973,682	1,917,457	228,085	20,378	9,599	1,568
124 Karnes	442,880	407,888	122,924	12,257,338	1,539,249	327,217	325,084	1,320	1,192
125 Kaufman	533,760	454,380	270,208	18,047,998	3,082,341	602,846	583,032	269	19,032
126 Kendall	382,720	371,569	30,401	4,448,256	241,688	42,011	17,512	5,215	19,178
127 Kent	500,000	553,446	26,730	6,570,320	108,006	19,886	9,027		
128 Kerr	706,080	701,319	32,230	5,070,713	212,856	77,426	20,189	18,895	36,374
129 Kimbloe	832,040	700,384	16,692	5,531,419	127,573	26,450	22,697		2,660
130 King	554,880	417,023	8,943	2,774,854	84,691	17,092	10,519		950
131 Kinney	830,680	502,624	7,752	3,473,474	65,976	4,594	2,065		1,480
132 Knox	551,680	520,405	142,354	10,191,039	1,185,810	336,799	122,292	141,483	30,478
133 La Salle	999,040	990,232	23,482	10,122,361	210,815	8,282	3,596		300
134 Lamar	604,800	468,676	313,779	18,473,846	5,518,581	1,307,026	1,368,946	60	23,458
135 Lamb	654,080	869,459	13,797	7,782,544	37,518	7,847	3,422	236	
136 Lampasas	473,600	457,906	81,369	7,042,888	563,071	118,492	96,145	3,002	18,943
137 Lavaca	608,000	494,973	160,753	10,395,611	2,316,038	615,895	614,207	14	1,008
138 Lee	350,080	284,382	95,777	4,440,935	1,254,994	244,714	243,884		383
139 Leon	704,640	354,613	138,425	4,812,505	1,475,582	326,584	324,464		2,120
140 Liberty	742,400	193,180	35,487	2,538,831	368,636	192,440	180,185		210
141 Limestone	623,360	436,050	315,099	21,053,892	5,800,278	1,201,930	1,155,502		46,224
142 Lipscomb	598,320	423,250	108,707	6,709,346	231,285	110,041	42,183	28,402	4,556
143 Live Oak	714,240	390,525	29,306	4,953,769	211,512	95,027	32,627	50	
144 Llano	621,440	472,330	42,772	5,500,091	330,251	37,205	36,509	40	156
145 Loving	481,920	199,519	580	1,280,100	385				
146 Lubbock	555,520	277,269	27,561	5,617,779	41,221	19,991	5,844		
147 Lynn	552,960	260,792	20,108	3,595,383	21,348	11,763	3,692		
148 McCulloch	686,720	557,627	121,126	15,174,082	1,341,748	76,292	31,293		200
149 McLennan	671,360	597,354	443,543	36,994,707	7,225,258	1,223,948	980,071	15,508	222,318
150 McMullen	833,280	4,369		3,183,211	11,351		605		
151 Madison	316,800	220,466	88,785	3,395,245	1,030,820	245,870	245,044		685
152 Marion	250,240	139,425	50,956	2,022,899	747,056	158,410	155,606		2,804
153 Martin	578,560	271,752	14,414	3,370,347	31,064	1,380			
154 Mason	620,160	583,807	44,259	7,473,668	441,866	92,850	87,456	52	303
155 Matagorda	727,040	255,343	164,854	9,755,497	1,411,910	1,305,016	80,979		205
156 Maverick	800,040	194,981	3,346	1,155,178	21,480	1,050	1,650		
157 Medina	805,920	624,892	111,785	10,163,365	804,719	68,122	63,904		2,107
158 Menard	584,960	537,081	18,049	4,935,757	158,318	54,219	31,846	809	4,848
159 Midland	597,080	466,367	16,166	5,278,721	44,407	12,320	2,465		
160 Mills	613,700	501,458	293,139	17,849,279	4,857,145	1,095,170	1,062,066	55	33,041
161 Mills	445,440	406,705	94,872	6,808,329	662,088	48,830	44,478		1,253
162 Mitchell	560,400	576,694	100,302	8,860,859	597,836	111,403	12,136		
163 Montague	594,560	531,057	244,170	12,173,083	2,474,247	585,099	572,855	4,230	6,399
164 Montgomery	650,880	170,606	62,234	2,781,113	641,831	222,042	221,430		567
165 Moore	589,440	93,278	21,613	1,563,348	12,055	9,670	110	348	282
166 Morris	165,760	112,145	52,668	2,191,504	758,254	209,711	208,740		971
167 Motley	659,200	662,934	36,924	8,802,262	264,201	55,231	23,708		
168 Nacogdoches	677,760	340,784	151,883	5,456,072	1,847,787	576,280	561,042		14,498
169 Navarro	678,400	561,515	377,714	25,392,827	5,736,622	1,141,122	1,070,006	2,398	68,368
170 Newton	568,960	101,603	20,466	1,371,265	530,523	123,166	118,090		4,440
171 Nolan	563,200	385,578	93,296	7,491,028	795,431	173,282	12,130	20	1,271
172 Nueces	1,456,000	1,713,189	59,615	24,517,342	487,196	33,276	23,969	415	
173 Ochiltree	570,240	225,779	53,096	3,898,345	259,628	170,236	9,771	79,896	18,635
174 Oldham	987,520	513,855	12,657	3,554,720	29,292	13,259	9,172	9,812	1,650
175 Orange	232,320	57,775	25,177	1,701,420	347,444	270,717	23,822		30
176 Palo Pinto	613,120	472,842	104,636	9,359,832	617,055	30,628	25,078		1,135
177 Panola	538,880	312,821	164,001	4,020,734	1,787,332	406,732	395,621		10,573
178 Parker	500,000	510,753	215,013	13,069,548	1,911,583	318,308	279,328	31,066	6,886
179 Parmer	577,280	116,083	37,909	2,141,577	62,094	22,585	1,066	7,357	
180 Pecos	2,045,700	2,160,445	6,524	7,273,796	100				
181 Polk	778,880	195,807	46,468	2,418,115	645,531	205,228	204,027	75	1,106

TEXAS—Continued.

STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

WEST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.												Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.							
			Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
107	\$48,085	\$161,043	\$304	\$89,814	\$59,012		\$15,717	\$4,446	\$10,444	\$386	\$441	\$190,122	\$8,123
108	109,892	72,007	15,895	5,415,406	4,652,745		603,641	255,348	245,707	1,854	732	488,560	280,181
109	4,167	429	9	497	400		2,727	875	1,852			89,314	1,595
110	18,043	6,150	11,851	473,120	307,661		140,578	78,393	62,141	44		514,498	89,459
111	33,420	102,525	10,229	2,003,822	1,574,318		395,364	155,043	237,443	1,481	1,397	389,799	183,129
112	11,488	165,054	12,907	1,679,230	1,297,511	\$305	199,624	105,232	90,672	3,565	155	167,966	128,654
113	7,801	5,000	101	232,566	201,682		114,004	60,644	53,194	22	144	360,147	20,739
114	60,959	81,533	15,915	4,305,249	3,609,932		498,029	230,329	264,263	1,768	1,669	1,099,180	254,748
115	49,986	6,260		1,908	50		17,662	7,735	9,914	13		212,879	10,474
116	30,676	3,315		14,404	8,040		15,670	3,522	2,451		9,697	35,998	391
117	69,910	7,019	9,045	651,217	523,857		92,655	33,935	58,667		53	786,838	66,261
118	15,802	20,353	3,197	118,530	80,787		49,806	17,692	32,004	67	43	400,382	19,612
119	3,783	109,186	17,560	210,934	19,733		74,799	40,266	40,266	1,160	5,730	58,856	66,342
120	14,393	620	2,287	1,026			10,335	3,406	4,149	25	2,755	128,030	1,258
121	5,423	102,310	9,951	42,437	15,785		110,769	79,762	30,958	48		37,693	11,782
122	45,368	51,006	10,459	1,520,322	1,245,008		362,349	192,482	168,575	106	1,186	514,320	134,591
123	75,589	14,568	1,910	1,596,696	1,330,461		258,057	131,814	124,040	1,739	464	428,924	192,143
124	45,079	32,325	2,928	1,131,700	942,586	20	113,739	49,025	69,485	1,930	299	226,206	52,067
125	93,721	59,226	4,712	3,221,836	2,709,388		321,584	161,873	158,103	1,398	210	473,268	166,252
126	33,924	9,812	7,517	148,424	89,227	360	114,025	67,909	27,813		17,533	224,479	21,982
127	16,340	91	507	71,182	59,356		13,732	7,228	6,496	8		488,908	6,569
128	44,201	16,486	5,773	98,970	36,575	45	120,466	26,244	24,062	1,396	68,764	379,617	17,979
129	44,186	10,691	11,466	31,780	25,115		88,768	11,766	10,935	1,612	64,455	394,255	18,112
130	7,296	324	74	59,905	50,588		7,823	4,333	3,484		6	200,683	7,281
131	31,507	7,116	2,254	20,505	3,849		56,974	4,920	3,921	9,011	39,122	192,230	25,230
132	77,173	11,307	3,047	757,484	607,460		92,364	43,019	49,310		35	286,498	54,525
133	9,729	128,399	27	73,378	58,583		14,951	6,716	7,942	293		126,160	332
134	202,475	213,421	29,504	3,675,555	3,057,165		410,492	204,777	201,462	4,176	77	444,482	273,331
135	26,885	1,821	985	378,995	288,044		5,825	2,086	3,739			302,620	3,599
136	32,666	8,327	24,591	378,995	288,044		177,138	39,032	49,495	1,770	86,841	767,627	46,679
137	99,315	127,995	3,804	1,469,729	1,143,553	1,059	361,101	113,042	244,081	2,316	1,662	398,689	178,161
138	32,115	69,418	2,377	912,370	659,390	12	137,207	56,892	90,325	415	75	156,848	95,419
139	20,877	56,934	4,887	1,066,600	857,354		123,871	68,019	68,019	3,740	225	159,159	86,437
140	4,676	65,990	20,090	84,934	43,989	72	63,671	17,014	44,450	1,410	797	125,994	42,969
141	105,953	118,467	11,338	4,302,584	3,651,781		360,040	166,470	189,000	3,940	630	263,428	267,603
142	66,033	5,726	8	49,477			32,119	12,043	19,840		236	485,119	15,525
143	13,025	2,426	49	160,985	128,018		21,590	7,134	9,502	4,753	201	298,645	5,745
144	24,495	9,530	37,263	221,762	159,194		76,826	22,069	28,688	3,383	22,686	473,556	26,289
145	340	45										24,305	490
146	13,207	5,283		2,740	2,230		26,991	14,412	12,194		355	195,196	4,820
147	1,640	226	5	7,714	6,377		18,270	7,924	10,346			126,642	12,284
148	124,392	5,930	4,743	1,130,391	949,081		107,573	53,569	39,251	1,702	13,051	382,822	35,770
149	221,020	97,930	21,413	5,600,947	4,821,203		580,286	292,779	266,619	2,124	18,764	498,879	177,846
150	1,697	748	161	7,920	5,899		3,619	892	2,102	532	93	172,208	2,936
151	11,683	56,268	3,069	722,941	581,229		108,734	39,743	67,256	1,315	420	217,008	72,690
152	3,596	53,400	4,963	526,687	290,584	8	68,681	37,799	30,616	211	55	41,261	24,102
153	5,521	231	50	14,981	11,902		14,323	6,830	7,498	5		150,480	3,639
154	52,544	16,544	19,787	260,132	192,160		78,998	33,285	26,159	1,874	17,660	702,775	36,574
155	20,013	53,982	1,785	31,164	7,702		75,819	26,197	48,204	120	1,298	98,136	25,155
156	3,345	13,990	20	2,475	60		12,746	10,587	901		1,258	148,787	570
157	53,942	11,900	45,989	624,766	493,589		95,401	26,355	55,329	7,073	6,644	436,229	39,263
158	28,624	6,991	870	72,614	43,523	5	53,443	13,875	12,652	2,883	24,053	481,179	18,314
159	12,034	1,777	57	18,219	15,809		13,831	4,521	9,310			166,457	2,584
160	79,291	127,905	12,332	3,542,447	2,899,703	132	344,830	141,066	199,913	3,447	404	451,633	163,932
161	51,811	9,447	6,171	545,839	436,717		86,353	41,547	36,365	927	7,514	384,458	44,399
162	51,285	9,170	458	425,520	360,743		109,265	53,126	58,003	119	17	337,676	31,697
163	90,776	83,903	71,757	1,642,712	1,338,810		287,502	133,404	153,727	132	239	901,497	169,538
164	11,443	59,226	2,819	346,301	265,093	360	83,139	37,176	45,008	471	484	52,697	42,623
165	998	1,250		1,250			98,995	7	43		550	75,474	35
166	7,111	79,046	3,601	458,785	364,832	9	98,495	50,461	47,754	260	30	67,321	65,868
167	26,382	4,892	114	177,582	141,090		26,988	13,474	13,514			426,545	21,703
168	6,880	157,020	11,803	1,095,804	725,458	9,643	225,522	129,503	98,403	2,432	184	186,416	112,329
169	96,522	74,738	7,037	4,417,153	3,726,102		511,337	255,501	251,362	3,017	1,457	574,455	240,453
170	75	78,146	8,798	320,143	24,740	116	55,538	21,257	30,861	697	2,723	46,301	41,962
171	71,709	8,908	234	541,298	454,018		95,266	39,458	47,877	899	7,032	335,661	33,620
172	78,722	53,608	1	326,594	262,854		41,094	19,979	17,769	2,786	610	72,990	6,525
173	67,986	6,080	28	5,692			21,524	7,977	12,910		637	239,729	15,227
174	15,294	671	58	10			6,697	2,044	4,653			106,632	3,247
175	3,115	49,074	4,801	13,737	404		39,242	13,074	25,214	298	656	50,373	50,373
176	45,111	0,911	19,341	515,664	355,105		148,829	83,801	64,443	93	492	434,770	49,904
177	11,240	129,190	8,682	1,231,479	951,168		212,112	135,458	75,298	1,119	237	104,971	131,801
178	101,164	42,993	41,702	1,407,416	1,135,000		303,589	137,924	164,859	385		786,294	114,976
179	33,273	4,182		2,054			10,513	3,292	5,093		2,129	47,582	4,172
180	100						67,242		279		69,963	26,359	1,175
181	5,409	95,430	3,951	335,513	209,965		114,586	50,483	61,973	1,849	281	66,516	70,767

TEXAS—Continued.

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF WEST SOUTH CENTRAL—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
182 Potter.....	507,700	510,502	20,158	\$5,202,101	\$80,614	\$22,813	\$2,220	\$10,795	\$8,181
183 Presidio.....	2,430,080	908,288	0,939	3,447,700	18,811	10,480	0,270	4,132	.....
184 Rains.....	170,880	103,531	54,469	2,208,940	549,802	147,152	139,035	.....	7,505
185 Randall.....	599,080	278,484	94,404	7,804,920	197,802	48,215	788	18,108	5,299
186 Reagan.....	685,440	443,715	2,400	2,005,730	10,811	0,057	805	.....	.....
187 Red River.....	604,900	407,724	223,040	10,212,417	2,824,755	873,015	851,098	242	20,440
188 Reeves.....	1,779,840	503,033	15,074	4,358,528	60,714	19,589	480	.....	20
189 Rotundo.....	473,000	234,884	13,518	5,370,864	128,752	11,520	10,579	.....	.....
190 Roberts.....	504,480	557,377	18,049	5,205,940	79,584	40,312	15,240	11,221	844
191 Robertson.....	558,080	357,775	201,032	8,876,109	3,380,075	653,217	049,492	103	3,019
192 Rockwall.....	95,300	84,317	71,377	6,088,312	1,310,081	204,753	178,113	1,450	25,015
193 Runnels.....	603,120	574,500	232,070	10,455,509	2,308,419	338,525	22,853	485	1,539
194 Tarrant.....	629,120	451,020	239,724	6,158,707	2,320,714	581,003	550,304	7	30,092
195 Sabine.....	370,900	105,529	39,280	1,384,101	343,049	103,553	103,195	.....	358
196 San Augustine.....	308,080	137,708	58,500	1,897,851	693,451	219,063	218,333	.....	1,200
197 San Jacinto.....	385,280	110,970	43,730	1,558,748	501,849	139,477	139,135	.....	105
198 San Patricio.....	432,040	309,893	34,008	5,133,421	407,487	23,921	7,232	.....	.....
199 San Saba.....	714,240	450,371	89,108	10,882,294	842,755	93,463	88,315	.....	.....
200 Schleicher.....	832,314	832,314	12,734	7,003,357	103,052	83,296	0,560	40	450
201 Seury.....	587,680	519,399	144,042	11,013,424	639,913	174,100	11,831	.....	1,730
202 Shackelford.....	000,080	487,375	47,275	8,024,093	290,185	25,540	1,056	.....	175
203 Sholby.....	533,120	302,029	144,353	4,060,042	1,787,315	406,344	455,249	40	11,095
204 Sherman.....	598,400	255,364	80,090	3,031,877	115,407	40,000	4,032	10,988	5,718
205 Smith.....	588,800	447,178	260,807	8,791,991	3,282,570	740,977	725,685	.....	15,012
206 Somervell.....	117,700	93,616	38,908	1,031,927	206,039	8,209	5,080	200	48
207 Starr.....	1,712,000	875,184	34,769	5,408,184	410,079	19,124	18,922	.....	.....
208 Stephens.....	502,000	403,304	80,099	6,737,719	438,433	41,949	13,106	705	.....
209 Sterling.....	600,720	335,821	7,083	2,597,080	62,434	11,242	4,482	.....	.....
210 Stonewall.....	545,280	400,397	67,421	5,820,020	418,437	82,151	20,472	200	335
211 Sutton.....	973,440	780,327	4,749	5,315,465	30,084	7,550	1,940	.....	95
212 Swisher.....	574,720	298,117	113,052	7,771,404	183,478	95,824	17,200	19,393	9,285
213 Tarrant.....	677,920	407,411	202,228	20,045,813	1,015,728	340,461	250,422	68,637	15,369
214 Taylor.....	881,120	409,377	201,170	14,500,752	1,886,602	179,229	10,517	9,509	5,090
215 Terral.....	1,080,400	621,310	2,423,030	1,105	.....	.....	.....	.....	.....
216 Terry.....	550,800	385,787	23,245	4,431,806	81,547	42,802	31,198	.....	.....
217 Throckmorton.....	502,500	401,985	52,543	7,139,882	383,041	19,363	13,780	714	70
218 Titus.....	254,720	205,919	105,001	3,993,845	1,481,885	405,995	402,054	.....	2,824
219 Tom Green.....	980,500	940,939	105,014	13,284,324	727,350	101,743	15,821	981	8,042
220 Travis.....	612,500	503,275	234,073	25,382,648	5,110,392	640,423	618,151	109	22,043
221 Trinity.....	458,240	120,572	43,184	1,000,044	549,036	148,992	148,227	25	410
222 Tyler.....	581,120	125,126	27,748	1,484,602	412,295	147,053	140,070	.....	975
223 Upshur.....	384,000	250,153	127,437	3,812,280	1,069,015	375,108	370,744	.....	4,269
224 Upton.....	704,800	800,212	1,038	4,483,242	5,248	1,180	110	.....	.....
225 Val Verde.....	1,010,960	658,789	64,014	7,704,030	242,514	29,815	23,499	237	3,904
226 Val Verde.....	1,073,120	1,387,711	3,008	5,332,302	80,879	13,494	3,309	.....	10,130
227 Van Zandt.....	531,840	431,394	223,302	8,980,451	2,604,835	690,137	676,400	154	18,895
228 Victoria.....	509,000	442,977	83,304	14,798,918	1,202,288	272,452	272,245	.....	32
229 Walker.....	600,240	182,051	81,709	2,074,378	888,263	195,323	195,269	.....	16
230 Waller.....	332,100	103,027	108,100	4,988,048	1,089,949	370,593	343,140	.....	1,403
231 Ward.....	629,280	325,108	17,590	3,381,107	176,924	6,587	1,852	.....	.....
232 Washington.....	401,920	344,282	178,951	11,120,561	2,767,778	701,542	700,161	.....	1,340
233 Webb.....	2,060,100	1,058,274	16,918	6,640,355	443,246	3,815	3,114	.....	40
234 Wharton.....	711,080	355,075	213,030	17,257,184	2,510,914	1,706,250	560,820	720	2,694
235 Wheeler.....	572,800	458,080	169,254	7,668,099	425,065	252,853	203,042	8,345	2,525
236 Wichita.....	380,500	320,028	174,650	11,715,573	1,241,108	673,052	422,938	211,222	36,056
237 Wilbarger.....	593,020	411,030	202,460	12,070,989	2,273,079	990,723	684,154	195,232	91,408
238 Williamson.....	722,500	661,040	363,266	41,814,047	6,538,440	759,709	702,704	1,370	55,208
239 Wilson.....	520,320	401,297	180,071	9,440,911	1,372,821	183,141	182,334	.....	250
240 Winkler.....	540,160	303,452	638	2,300,318	2,318	124	124	.....	.....
241 Wise.....	552,320	480,121	240,830	13,281,225	2,593,320	617,004	515,392	85,307	15,883
242 Wood.....	420,480	274,476	145,076	4,856,848	1,738,890	450,560	439,776	50	10,735
243 Yoakum.....	502,500	380,779	8,339	3,608,075	58,348	47,841	13,340	.....	.....
244 Young.....	590,000	458,754	131,758	11,239,978	1,140,950	142,930	93,550	20,621	7,287
245 Zapata.....	824,320	81,847	7,940	950,320	34,123	12,709	12,709	.....	.....
246 Zavalla.....	802,720	443,912	0,105	3,000,544	20,981	4,578	3,492	.....	643

TEXAS—Continued.

# STATISTICS, BY COUNTIES.

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FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

WEST SOUTH CENTRAL—Continued.

VALUE: 1909—continued.													
County	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.			Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
				Total.	Cotton.	Tobacco.	Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
182	\$49,165	\$2,647	\$12	\$11,977	\$280		\$75,287	\$61,977	\$13,181		\$129	\$187,189	\$6,676
183	5,209	120	268	2,644			8,335	4,459	3,826		50	429,244	2,614
184	2,285	22,210	1,838	376,377	296,738		69,835	31,294	37,900	\$389	252	92,177	43,405
185	142,462	4,839	11	2,365			73,082	38,105	34,933		44	394,934	18,754
186	3,902			252	210		11,722	1,645	1,112		8,965	87,305	290
187	67,674	131,308	15,846	1,736,012	1,393,104	\$5	281,125	142,122	136,083	2,709	206	340,919	172,624
188	39,135	1,095		895	744		18,078	11,180	6,891	7		56,932	352
189	9,429	11,283	3,343	93,188	74,441		11,956	3,995	7,131	280	550	209,988	4,667
190	34,076	2,499	5	1,792			6,289	2,261	4,019			1,315,367	6,160
191	46,944	90,894	9,167	2,580,453	2,148,710		204,213	83,464	118,498	2,251		273,952	114,700
192	19,188	9,801	1,698	1,074,643	919,974		92,066	34,781	56,846	397	42	99,716	61,367
193	101,075	23,385	2,550	1,902,284	1,632,043		243,950	114,601	115,924	2,228	10,397	425,892	75,417
194	21,067	204,390	27,759	1,486,495	1,031,957		276,550	151,267	123,975	1,175	123	246,743	173,253
195	655	40,632	6,259	191,950	137,010		44,599	26,151	16,909	1,170	369	38,117	39,474
196	2,724	50,711	3,660	416,693	281,611	1,635	56,725	30,248	24,945	1,342	190	40,466	34,207
197	1,413	43,622	4,482	312,855	223,142		49,232	23,546	23,354	2,272	60	42,150	39,143
198	20,237	72,122	1,706	289,501	237,155		32,059	12,550	15,460	3,946	103	78,017	59,843
199	60,301	23,675	63,443	601,873	464,565		133,041	66,830	47,087	864	28,280	754,429	42,452
200	15,044	4,407	1	60,304	19,177		66,467	6,687	5,079	448	54,253	440,185	4,167
201	48,707	10,973	1,056	405,017	333,578		128,254	58,823	66,471	63	397	408,748	61,696
202	33,444	1,090	1,117	228,085	178,297		42,922	24,715	16,936	1,217	54	751,969	23,560
203	10,111	136,248	13,313	1,161,299	822,190	148	185,342	101,647	82,150	1,178	367	149,329	98,584
204	59,779	3,747	6	2,269			18,853	6,626	10,727		1,500	244,866	6,738
205	15,507	320,727	189,377	2,015,982	1,529,250	665	393,300	228,228	162,432	2,554	86	196,740	169,153
206	19,316	3,067	7,085	228,962	164,016		50,435	26,848	23,527	32	28	71,272	18,847
207	11,050	39,378	145	340,973	287,686		9,773	1,095	7,159	521	998	263,792	1,694
208	54,698	5,516	5,498	330,777	269,994		73,155	37,249	33,918	969	999	536,230	36,743
209	24,025	3,321	58	23,788	20,447		44,990	5,171	6,798	652	32,371	321,681	2,377
210	8,588	3,684	885	323,129	263,254		34,235	16,237	17,903		95	76,614	19,206
211	13,928	205	427	7,974	180		105,455	4,529	5,088	386	95,452	344,075	19,794
212	79,025	7,111	75	1,443	685		44,189	17,236	26,738		215	312,994	15,627
213	61,761	67,737	22,748	1,123,021	770,569	350	608,226	398,548	205,956	1,025	2,697	1,294,443	146,482
214	179,096	22,895	3,231	1,502,151	1,234,538		266,800	137,138	112,242	2,101	5,219	362,466	167,331
215	480	60	25	600			156,654	3,300	2,949	116	149,289	134,716	2,127
216	33,948	814	0	3,914	1,397		17,900	9,379	8,254		267	242,785	10,590
217	55,522	4,761	2,061	300,434	243,930		46,532	21,039	20,247	802	4,444	473,733	28,555
218	11,069	101,069	13,885	949,864	651,408	280	170,139	79,369	88,916	1,156	688	248,890	169,491
219	233,201	26,372	6,643	359,296	286,039		143,871	64,404	43,579	1,031	34,857	460,897	21,975
220	233,530	69,010	24,327	4,092,496	3,384,187		445,589	278,719	154,153	4,832	7,835	496,559	145,939
221	5,650	68,305	6,070	320,019	227,651	7	74,831	37,328	36,136	1,243	124	28,766	28,443
222	0,036	81,481	10,637	166,488	53,876	30	63,599	26,292	33,799	1,226	2,283	52,459	53,741
223	10,611	117,975	15,320	1,149,941	885,749		214,753	109,651	104,652	423	27	117,637	131,977
224	3,587	4,781					4,134	1,507	1,427		1,200	227,106	969
225	29,897	1,708	3,483	177,611	144,886		122,064	19,290	17,351	34,124	51,289	374,251	12,999
226	43,847	9,322	5,414	8,802	1,495		240,444	8,501	3,958	1,139	226,848	932,678	6,076
227	36,311	137,313	28,749	1,706,325	1,359,016	767	320,041	128,456	189,093	2,484	8	327,147	183,941
228	68,325	38,784	4,450	818,277	645,194	20	114,765	46,121	67,220	361	1,063	352,463	55,670
229	8,569	44,705	3,249	636,327	506,578	16	106,197	59,063	45,321	1,355	457	96,903	36,339
230	15,790	150,252	1,785	545,523	451,601	67	94,802	31,235	63,127	303	137	112,630	38,570
231	89,540	2,895	921	76,981	53,355		15,392	7,725	6,136	1,531		80,906	3,596
232	88,327	148,612	8,812	1,820,485	1,492,054	81	266,661	90,576	173,487	1,711	887	221,988	150,124
233	3,800	398,252	51	37,328	27,722		7,393	1,387	4,394		1,112	259,516	3,632
234	139,922	272,456	2,729	329,557	162,578	4	160,023	53,690	104,638	1,007	688	262,219	92,616
235	92,241	6,526	132	73,913	39,743		64,500	25,811	38,689			444,785	42,513
236	63,236	12,921	2,955	489,034	415,195		117,732	50,849	66,873	6	4	210,469	48,881
237	98,693	22,091	6,570	1,155,902	992,291		116,201	55,618	60,487	56	40	246,889	161,161
238	181,470	43,876	5,717	5,547,608	4,705,692	47	413,769	180,246	214,542	5,045	13,938	531,010	184,133
239	28,768	38,082	3,862	1,118,968	900,787		128,808	57,617	68,233	2,858	100	232,492	54,842
240	1,986	258					261	119	134	8		97,166	2,919
241	130,624	56,063	40,017	1,749,012	1,406,795		289,347	113,576	154,557	580	684	637,495	170,956
242	17,031	81,763	15,554	1,173,976	906,863		222,650	105,834	115,472	1,258	89	166,022	110,790
243	8,538	1,822		137	31		9,236	5,030	4,206		110	133,525	5,640
244	64,568	8,058	4,955	919,483	759,144		137,771	71,942	65,533	186		419,791	77,654
245	150	170		21,094	16,816		2,261	2,261	1,554		707	180,850	2,958
246	5,731	7,458	210	3,001	1,535		15,347	1,968	4,086	8,437	856	157,166	78

TEXAS—Continued.

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF MOUNTAIN.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>MONTANA.</b>										
1 The state.....	93,568,640	13,545,603	3,640,309	\$347,828,770	\$29,714,563	\$12,251,345	\$185,367	\$5,329,389	\$6,148,021	
2 Beaverhead.....	3,020,160	461,315	275,530	13,758,088	1,520,830	414,530	21,745	385,859	162,638	
3 Broadwater.....	764,160	183,887	58,777	5,008,328	500,652	234,240	2,000	57,845	340,631	
4 Carbon.....	1,560,320	286,449	120,409	14,235,323	1,645,800	555,071	7,480	202,107	320,303	
5 Cascade.....	2,165,760	1,001,534	220,340	10,086,458	1,840,632	984,535	5,808	510,986	405,835	
6 Chouteau.....	10,222,080	1,000,621	247,930	24,013,453	1,535,672	442,859	1,941	83,707	330,520	
7 Custer.....	8,419,840	931,581	124,007	20,142,322	1,056,230	365,744	50,555	113,658	172,385	
8 Dawson.....	8,467,840	697,078	183,183	16,580,852	1,392,751	782,861	48,323	365,528	340,631	
9 Deer Lodge.....	470,360	70,994	28,452	2,084,978	255,151	21,062	6,140	14,544	14,544	
10 Fergus.....	5,809,920	1,201,831	387,000	35,010,730	2,597,091	1,661,455	7,456	1,010,846	601,084	
11 Flathead.....	3,884,800	239,445	105,079	12,544,017	1,654,507	861,227	550	491,139	337,226	
12 Gallatin.....	1,608,320	531,902	279,908	21,715,003	2,700,354	2,001,037	4,610	1,067,415	814,040	
13 Granite.....	1,047,680	134,807	43,669	3,720,425	441,816	126,207	44,254	71,474	32,742	
14 Jefferson.....	1,060,000	124,437	37,757	3,313,279	345,774	50,092	17,047	32,742	17,047	
15 Lewis and Clark.....	2,217,600	494,278	78,441	8,578,884	743,387	172,038	285	36,618	117,675	
16 Lincoln.....	2,259,200	64,050	15,090	1,819,028	207,514	40,080	27	26,825	16,083	
17 Madison.....	2,931,840	421,271	140,100	12,858,000	1,210,881	385,574	101,185	260,849	81,433	
18 Meagher.....	2,410,240	710,332	110,740	10,579,368	571,740	103,910	18,335	81,433	108,448	
19 Missoula.....	2,715,520	185,294	73,985	8,936,614	1,001,002	384,510	109,613	108,448	207,071	
20 Park.....	1,712,000	523,317	110,092	12,246,970	927,406	320,700	402	99,420	108,165	
21 Powell.....	1,637,760	370,984	60,350	7,525,472	719,831	140,611	132	29,446	330,500	
22 Ravalli.....	1,500,080	209,266	100,693	18,559,488	1,607,191	503,610	2,151	146,236	68,884	
23 Rosebud.....	6,184,320	900,810	53,807	13,126,908	587,639	142,299	14,730	48,804	33,056	
24 Sanders.....	1,829,760	55,917	12,421	2,146,706	282,574	80,463	1,035	52,404	8,209	
25 Silver Bow.....	446,720	54,592	16,547	1,626,184	175,930	11,802	1,818	8,209	119,841	
26 Sweet Grass.....	1,867,520	457,715	107,503	11,444,937	656,086	159,224	428	22,966	138,204	
27 Teton.....	4,851,840	530,714	217,052	11,680,410	574,007	300,101	104,292	277,942	277,942	
28 Valley.....	8,649,600	576,130	165,043	12,410,714	1,214,671	573,383	13,290	251,261	216,411	
29 Yellowstone.....	3,666,560	1,215,046	240,288	21,859,322	1,557,655	384,642	18,164	137,749		

IDAHO.

1 The state.....	53,346,560	5,283,004	2,778,740	\$305,317,185	\$34,357,851	\$10,026,676	\$191,395	\$8,412,587	\$5,067,051
2 Ada.....	727,040	136,067	89,365	23,194,378	1,802,622	424,092	1,640	189,134	212,100
3 Bannock.....	2,034,560	307,403	169,758	10,967,009	1,339,642	653,768	569	470,300	145,859
4 Bear Lake.....	602,880	107,276	107,652	5,997,224	731,053	201,600	20	145,945	108,334
5 Bingham.....	2,634,240	305,704	191,239	23,994,216	2,895,568	1,072,335	12	625,780	390,828
6 Blaine.....	3,916,800	210,255	94,250	10,405,359	1,006,938	357,181	368	143,401	184,692
7 Boise.....	2,220,160	170,282	103,011	5,270,403	536,275	200,557	1,394	75,107	97,118
8 Bonner.....	2,002,560	183,082	6,239,189	842,940	12,081	550	2,248	0,230	105,884
9 Canyon.....	821,120	272,164	136,836	33,005,762	1,979,084	489,746	28,292	227,476	82,465
10 Cassia.....	1,671,040	166,708	60,770	7,799,735	557,977	179,160	797	80,995	69,289
11 Custer.....	2,936,960	73,550	42,739	3,727,366	348,854	93,933	20,591	20,591	20,591
12 Elmore.....	1,705,600	78,880	25,235	4,768,965	473,227	45,165	1,360	19,312	1,005,947
13 Fremont.....	3,843,840	526,236	311,970	27,886,118	3,753,861	1,937,273	5,111	785,533	259,087
14 Idaho.....	7,647,680	418,831	208,895	10,500,359	2,049,717	1,777,077	7,574	761,169	239,384
15 Kootenai.....	1,307,520	228,807	89,872	11,409,076	1,404,893	395,700	4,552	144,932	716,453
16 Latah.....	721,920	340,432	214,817	20,211,058	3,412,261	2,208,361	43,603	1,877,240	108,706
17 Lemhi.....	3,114,880	98,736	47,811	5,679,771	595,554	148,363	2,600	34,348	114,561
18 Lincoln.....	2,101,120	104,147	86,016	13,492,208	790,543	205,774	3,297	81,523	398,922
19 Nez Percé.....	2,460,160	575,050	309,340	24,542,618	4,004,843	3,350,272	76,882	1,706,856	113,432
20 Oneida.....	1,699,200	382,045	200,935	13,847,675	1,763,728	1,040,188	2,114	869,186	27,050
21 Owyhee.....	5,048,320	71,528	28,350	4,942,653	368,565	40,119	104	5,718	60
22 Shoshone.....	1,650,560	13,962	3,500	620,070	108,750	170	.....	60	403,146
23 Twin Falls.....	1,298,320	150,885	110,562	15,955,862	1,720,545	777,054	4,258	350,054	73,852
24 Washington.....	1,837,440	242,008	110,159	14,736,971	1,005,451	356,107	6,295	108,543	

WYOMING.

1 The state.....	62,460,160	8,543,010	1,256,160	\$167,189,081	\$10,022,961	\$2,744,502	\$101,465	\$644,251	\$1,828,711
2 Albany.....	2,816,640	1,069,782	107,315	11,327,092	586,151	90,310	185	3,872	78,676
3 Bighorn.....	4,331,520	253,570	80,089	12,930,275	1,090,863	292,115	3,589	97,443	176,947
4 Carbon.....	5,138,560	1,707,961	140,987	15,760,480	682,307	126,640	420	0,512	111,455
5 Converse.....	4,313,600	551,870	48,232	12,140,273	503,046	142,920	3,130	14,190	168,990
6 Crook.....	3,482,240	648,834	104,175	12,825,192	936,373	297,290	34,422	73,918	155,644
7 Fremont.....	8,101,760	320,502	70,059	10,383,951	633,805	182,186	461	19,373	138,255
8 Johnson.....	2,672,000	322,094	53,471	10,049,837	580,821	195,051	285	48,857	285,857
9 Laramie.....	4,474,880	1,682,032	210,992	20,675,418	1,483,976	445,504	50,076	85,518	26,576
10 Natrona.....	3,425,920	260,045	16,579	7,597,387	223,463	31,980	736	2,187	133,029
11 Park.....	3,468,800	253,394	50,295	8,324,744	647,280	200,432	304	62,578	158,761
12 Sheridan.....	1,648,000	421,543	95,368	13,020,929	1,108,967	368,205	2,678	174,270	9,822
13 Sweetwater.....	6,720,000	122,790	10,013	5,027,915	82,193	11,210	.....	557	156,543
14 Uinta.....	7,008,160	574,528	202,866	13,794,794	1,027,317	208,153	1,467	31,940	110,884
15 Weston.....	2,930,520	354,565	41,110	7,330,194	362,399	146,506	3,662	23,030	

1 Includes 115,840 acres in Yellowstone National Park not shown separately.

2 Includes 32,640 acres in Yellowstone National Park not shown separately.



STATISTICS, BY COUNTIES.

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

MOUNTAIN.

VALUE: 1909—continued.

	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.	Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
					Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
1	\$12,344,806	\$2,227,736	\$695,681	\$2,195,196	\$10,471,304	\$2,093,594	\$1,884,111	\$21,935	\$6,471,664	\$20,346,948	\$1,262,151
2	1,080,093	33,622	814	762	286,779	41,176	47,351	-----	198,232	1,777,048	58,754
3	207,028	37,584	14,830	6,961	143,638	37,491	37,761	534	67,852	321,956	37,290
4	633,160	146,953	43,690	267,010	344,035	94,201	128,002	2,890	118,042	1,044,797	48,016
5	717,477	122,531	1,179	14,910	458,663	170,345	154,687	53	133,598	835,693	136,547
6	985,618	92,593	306	14,206	1,159,496	35,465	67,230	9	1,056,792	1,541,622	57,220
7	451,734	85,801	722	152,238	656,557	27,474	47,062	1,454	590,567	1,590,785	42,254
8	236,692	98,550	127	274,521	567,594	37,975	65,023	32	464,694	893,530	37,705
9	163,408	63,745	487	6,440	70,968	51,495	19,430	-----	45	101,324	25,806
10	702,894	128,774	2,720	41,848	619,725	94,311	125,951	1,712	397,751	1,318,196	63,832
11	378,453	140,459	100,239	174,120	242,529	94,530	146,836	774	390	1,43,296	90,649
12	629,440	97,899	19,195	42,774	300,826	136,767	138,203	1,399	24,457	807,518	78,435
13	274,759	26,105	1,868	12,817	91,326	37,831	37,897	-----	15,598	261,453	19,753
14	234,751	45,330	4,415	4,286	132,005	90,806	32,541	-----	8,748	206,598	32,487
15	412,985	75,581	2,911	78,972	383,102	121,934	65,845	6	196,317	435,535	34,466
16	80,615	30,464	8,092	41,063	45,046	17,123	27,858	65	-----	24,666	15,661
17	661,229	133,093	17,933	13,052	328,071	69,169	83,839	100	174,969	1,020,651	57,590
18	435,501	22,782	187	9,300	425,784	18,078	17,643	-----	360,063	585,061	34,214
19	335,200	83,118	90,180	98,934	198,591	116,478	81,092	125	896	100,234	23,929
20	481,328	99,415	4,584	45,379	330,513	93,511	68,611	143	168,245	672,235	64,832
21	471,482	52,830	2,639	43,269	231,307	52,356	54,061	-----	124,890	458,685	29,591
22	533,190	162,491	316,076	91,824	244,761	113,453	98,269	2,633	30,406	411,857	102,693
23	314,208	73,614	741	56,777	747,923	17,509	39,960	1,001	686,453	980,140	29,727
24	97,565	26,301	20,815	48,930	32,885	10,838	21,698	299	30	35,027	13,271
25	120,306	17,568	110	26,144	337,939	284,832	35,674	-----	17,453	73,917	9,455
26	430,651	49,464	5,480	11,267	453,946	38,455	39,612	776	375,109	1,171,596	28,514
27	229,617	33,443	120	1,816	426,250	21,965	33,097	-----	371,188	512,351	29,858
28	318,336	69,978	5	252,969	411,582	35,223	48,007	-----	228,352	565,774	38,439
29	870,811	207,648	26,116	302,438	786,398	132,803	119,991	7,930	528,666	2,175,533	35,504

IDAHO.

	\$12,099,963	\$2,591,199	\$1,084,051	\$2,555,982	\$6,508,785	\$1,962,500	\$1,842,394	\$88,382	\$2,612,509	\$11,791,655	\$1,074,043
1	624,731	139,025	71,781	41,793	549,600	148,062	157,303	7,199	237,066	563,118	39,272
2	610,585	50,358	15,976	8,955	401,050	170,555	72,688	526	157,381	800,618	55,972
3	426,450	33,003	8,367	1,627	228,546	82,407	48,398	83	97,658	534,427	56,917
4	939,786	521,257	70,598	285,582	476,431	114,552	127,964	23,424	210,491	719,190	49,242
5	569,400	52,182	9,660	18,609	360,391	51,466	48,150	1,947	258,528	1,191,954	34,420
6	244,929	50,827	15,181	24,781	103,728	31,109	30,969	552	41,098	282,214	32,445
7	307,964	76,790	52,202	393,903	139,741	67,482	71,434	704	121	33,038	40,971
8	1,072,761	181,584	79,860	155,133	600,803	186,575	214,881	17,995	181,852	572,181	31,790
9	809,928	44,027	18,690	6,172	197,291	44,633	40,025	1,675	110,958	363,694	61,102
10	210,624	24,407	6,019	4,811	80,126	15,784	23,730	142	40,470	253,125	11,339
11	355,482	47,121	23,481	1,978	137,332	21,107	37,447	756	78,022	241,058	23,757
12	1,065,630	185,288	51,541	514,131	712,661	187,521	169,017	15,578	360,545	1,333,213	105,966
13	600,350	120,200	58,474	93,607	187,056	76,763	84,124	493	25,686	1,004,545	71,714
14	473,799	150,901	87,890	356,594	203,073	93,909	108,509	171	484	64,686	39,999
15	644,482	160,568	256,445	143,405	276,890	147,260	127,224	1,249	927	182,638	82,478
16	368,902	47,186	13,617	17,486	49,265	21,203	21,729	165	6,168	278,206	26,424
17	417,368	121,470	20,244	31,687	210,703	42,429	73,331	2,944	91,999	189,780	25,806
18	696,661	222,617	128,080	205,213	246,849	120,597	116,312	1,340	8,600	613,378	107,818
19	519,232	60,801	37,963	105,544	339,660	139,783	77,064	1,049	121,764	968,286	58,778
20	304,921	15,192	7,228	1,105	236,354	8,120	9,018	351	213,865	240,600	106
21	52,365	24,147	4,773	27,295	84,540	69,561	14,910	17	52	7,047	10,206
22	748,518	140,570	11,716	51,689	228,999	74,889	85,450	3,061	65,599	334,006	47,257
23	524,086	121,011	29,386	64,862	455,896	66,713	83,317	6,991	298,375	1,010,663	59,144

WYOMING.

	\$6,077,354	\$856,639	\$53,790	\$290,676	\$8,594,528	\$539,423	\$576,206	\$16,725	\$7,462,174	\$13,573,935	\$650,745
1	441,093	37,896	447	9,505	363,695	35,365	24,148	-----	303,982	877,833	27,287
2	588,964	120,841	16,875	66,268	503,306	54,005	74,153	5,008	373,140	885,040	66,173
3	500,339	53,509	1,004	755	1,240,700	34,425	33,285	-----	1,172,990	1,346,623	78,994
4	393,160	38,830	548	17,579	784,321	6,603	23,701	365	733,652	844,349	19,189
5	451,934	97,937	7,240	81,972	473,475	39,603	57,129	195	376,548	1,491,955	62,097
6	381,784	56,932	6,906	5,907	645,172	24,828	37,686	3,421	579,237	637,938	49,951
7	318,067	53,136	998	22,580	497,556	19,118	25,841	762	451,815	888,956	30,215
8	900,572	108,191	1,094	33,015	623,424	54,371	66,566	2,014	500,473	1,780,073	69,996
9	189,907	18,237	1,459	1,880	328,097	4,926	14,262	60	808,849	689,782	31,414
10	377,299	53,138	688	15,823	412,642	20,566	46,262	2,213	343,601	844,220	34,896
11	596,473	110,087	14,641	19,561	303,272	85,512	81,138	2,687	133,935	990,042	62,556
12	52,034	18,925	-----	24	614,269	1,039	8,124	-----	605,106	224,532	18,488
13	788,813	46,530	1,795	2,026	740,312	144,430	54,992	-----	546,890	1,492,944	73,661
14	166,006	36,390	395	13,102	556,387	14,532	28,919	-----	511,336	605,645	24,824

Includes 1,858,560 acres in Yellowstone National Park not shown separately.

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF MOUNTAIN--Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>COLORADO.</b>										
1 The state.....	66,341,120	13,532,113	4,302,101	\$491,471,806	\$50,974,958	\$14,787,519	\$2,673,584	\$6,463,926	\$4,177,267	
2 Adams.....	807,680	303,785	109,238	15,707,050	1,388,685	650,008	110,546	403,544	96,540	
3 Arapahoe.....	538,880	284,917	92,608	11,351,431	683,744	224,088	80,168	93,244	39,060	
4 Archuleta.....	780,800	85,130	16,095	1,965,568	188,893	55,645	5,511	7,103	41,783	
5 Baca.....	1,033,280	257,344	34,953	2,027,854	180,045	50,530	2,850	3,389	275	
6 Bent.....	975,360	168,297	59,919	7,731,767	718,412	157,704	5,120	94,070	36,315	
7 Boulder.....	488,960	100,022	113,231	16,478,541	2,093,365	920,640	30,378	688,206	106,041	
8 Chaffee.....	603,120	37,266	16,733	1,087,810	257,305	68,982	.....	19,146	47,406	
9 Cheyenne.....	1,137,280	216,210	75,755	3,576,820	198,610	92,334	51,227	28,715	6,328	
10 Clear Creek.....	249,600	16,076	1,204	216,018	31,521	1,800	.....	60	1,735	
11 Conejos.....	891,620	188,050	131,910	8,430,531	942,598	384,614	72	179,361	103,245	
12 Costilla.....	1,133,440	159,366	114,012	3,714,504	248,842	75,379	616	37,557	26,746	
13 Custer.....	478,080	90,709	27,080	2,067,447	208,080	61,516	6,657	8,355	40,681	
14 Delta.....	708,640	142,193	62,604	21,024,102	2,241,847	192,200	18,618	77,688	92,704	
15 Denver.....	37,120	2,763	2,209	3,406,332	372,199	6,647	557	4,353	1,237	
16 Dolores.....	667,620	5,578	1,136	248,501	17,240	2,761	403	106	2,156	
17 Douglas.....	540,800	342,018	48,893	5,622,844	447,576	204,788	59,893	74,677	56,281	
18 Eagle.....	1,036,800	62,809	25,401	3,661,648	525,346	142,679	20	21,455	103,760	
19 El Paso.....	1,357,440	728,445	148,597	13,117,316	980,606	273,838	110,164	30,533	109,667	
20 Elbert.....	1,188,480	682,281	118,474	9,624,465	667,653	338,574	167,560	73,385	80,481	
21 Fremont.....	996,480	146,866	24,868	7,130,241	830,960	32,441	13,016	3,871	11,766	
22 Garfield.....	1,088,480	156,720	61,818	11,017,329	1,370,481	199,395	5,062	83,421	103,448	
23 Gilpin.....	84,480	13,323	3,370	195,481	44,102	18	.....	102	7,534	
24 Grand.....	1,194,240	113,287	30,097	2,625,740	281,103	9,230	.....	1,223	16,427	
25 Gunnison.....	2,034,660	83,282	38,074	3,352,823	397,123	24,638	.....	.....	.....	
26 Hinsdale.....	621,440	5,436	2,349	126,008	27,160	75	.....	.....	.....	
27 Huerfano.....	960,000	161,834	28,631	3,640,602	333,269	42,170	6,876	6,913	24,586	
28 Jackson.....	1,044,480	200,278	74,737	4,416,646	326,631	4,700	.....	338	1,955	
29 Jefferson.....	536,320	224,086	69,269	17,610,573	1,444,545	336,330	20,146	198,671	100,268	
30 Kiowa.....	1,150,720	219,600	21,667	3,031,538	114,557	43,348	23,109	4,923	231	
31 Kit Carson.....	1,381,760	569,587	140,890	7,951,330	700,515	477,240	104,002	203,086	21,208	
32 La Plata.....	1,184,640	151,709	41,890	5,812,793	782,079	283,584	6,066	96,094	170,975	
33 Lake.....	237,440	20,948	7,998	466,646	72,447	50	.....	50	.....	
34 Larimer.....	1,082,560	505,524	177,525	25,930,176	3,401,749	896,567	30,057	510,509	244,800	
35 Las Animas.....	3,077,760	445,298	48,085	6,495,792	400,947	49,685	14,979	2,667	27,703	
36 Lincoln.....	1,044,800	428,115	105,053	6,735,022	426,940	261,847	128,851	61,682	38,296	
37 Logan.....	1,040,800	409,487	115,010	10,566,393	1,174,282	425,763	178,509	131,921	77,598	
38 Mesa.....	2,024,320	174,584	73,508	30,209,338	3,034,837	208,525	62,330	58,124	59,885	
39 Mineral.....	554,240	18,646	7,036	537,601	46,065	921	.....	921	.....	
40 Montezuma.....	1,812,640	156,204	31,112	6,990,047	622,415	185,602	11,194	84,357	88,458	
41 Montrose.....	1,448,960	161,376	65,136	13,858,209	1,585,289	285,993	17,373	102,272	160,006	
42 Morgan.....	823,040	233,269	68,721	11,548,557	1,220,433	300,255	81,052	54,983	68,386	
43 Otero.....	1,322,880	261,185	143,114	19,738,280	2,034,026	305,866	26,951	38,542	176,505	
44 Ouray.....	332,160	48,833	14,612	1,736,767	257,790	70,880	.....	16,188	53,166	
45 Park.....	1,415,680	181,199	46,205	2,625,215	376,688	2,166	400	15	1,229	
46 Phillips.....	440,320	216,346	77,901	6,394,186	507,581	420,792	211,332	144,830	35,564	
47 Pitkin.....	652,160	45,286	15,158	1,903,709	292,521	79,369	.....	16,344	59,020	
48 Prowers.....	1,043,200	280,317	102,240	13,038,513	1,148,432	245,990	10,846	107,751	80,600	
49 Pueblo.....	1,557,120	630,114	63,420	9,940,213	877,653	126,578	60,411	20,005	41,337	
50 Rio Blanco.....	2,062,720	104,386	36,750	4,356,437	416,079	120,725	.....	32,778	82,773	
51 Rio Grande.....	574,720	146,704	115,890	10,771,802	1,400,044	616,658	220	271,301	291,879	
52 Routt.....	4,458,880	330,233	92,328	13,454,136	970,586	310,411	1,774	36,188	243,841	
53 Saguache.....	2,005,120	282,741	217,102	9,299,491	684,193	349,800	.....	133,210	103,611	
54 San Juan.....	289,920	.....	.....	.....	.....	.....	.....	.....	.....	
55 San Miguel.....	824,320	35,000	19,130	1,507,230	174,048	47,752	964	5,602	29,490	
56 Sedgwick.....	330,840	159,289	58,205	5,439,388	626,829	277,946	113,658	88,107	30,991	
57 Summit.....	415,360	24,844	6,503	602,166	79,412	7,791	.....	340	4,058	
58 Teller.....	350,080	80,313	10,943	1,268,472	153,546	4,474	.....	.....	4,424	
59 Washington.....	1,613,440	551,198	117,986	8,266,561	616,986	328,580	137,570	107,215	48,829	
60 Weld.....	2,574,080	614,220	410,340	56,363,139	7,256,601	2,361,487	167,333	1,431,701	444,408	
61 Yuma.....	1,514,880	668,318	318,152	10,908,457	1,369,341	1,110,502	499,114	513,451	50,303	

NEW MEXICO.

1 The state.....	78,401,920	11,270,021	1,467,191	\$159,447,990	\$8,922,897	\$2,382,966	\$984,052	\$508,726	\$459,866
2 Bernalillo.....	776,060	112,774	22,836	3,247,937	1,315,894	48,906	21,780	22,734	4,416
3 Chaves.....	6,021,120	1,040,006	138,703	20,526,033	1,020,514	142,336	62,557	23,265	23,370
4 Colfax.....	2,430,720	1,375,846	66,393	13,455,410	499,013	166,334	10,056	8,262	126,692
5 Curry.....	899,840	502,111	175,891	6,129,581	291,742	70,034	20,480	2,898	.....
6 Dona Ana.....	2,445,440	84,535	33,195	4,846,479	800,804	104,436	53,204	46,478	2,320
7 Eddy.....	4,430,720	352,758	92,094	18,592,301	567,207	110,687	49,748	.....	6,379
8 Grant.....	4,753,920	176,449	21,160	6,912,600	298,401	118,277	103,901	2,141	90
9 Guadalupe.....	2,551,680	507,650	40,186	5,322,589	135,984	10,783	9,006	1,436	25
10 Lincoln.....	3,058,560	157,715	15,942	4,516,675	113,124	32,675	28,696	668	2,994
11 Luna.....	1,904,640	96,402	11,958	2,099,031	63,210	7,344	6,852	.....	.....
12 McKinley.....	3,523,840	56,685	5,215	1,338,165	38,341	17,916	4,666	1,972	10,639

# STATISTICS, BY COUNTIES.

817

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

MOUNTAIN—Continued.

VALUE: 1909—continued.											
	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.	Live stock products as reported.					Receipts sales from of animals: 1909	Value of animals slaughtered on farms: 1909
					Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
<b>COLORADO.</b>											
1	\$17,282,276	\$6,058,939	\$5,078,978	\$7,767,248	\$8,657,963	\$4,174,270	\$3,074,669	\$234,334	\$1,174,690	\$22,453,959	\$1,754,216
2	414,045	196,513	48,504	74,625	495,932	370,926	106,018	2,250	16,738	205,169	26,401
3	344,904	78,745	23,526	14,481	450,433	335,102	94,616	1,968	18,747	180,412	16,320
4	111,049	19,733	701	1,765	42,128	10,537	11,535	306	19,750	412,662	18,377
5	70,589	8,126	354	49,437	84,316	6,280	14,134	.....	63,902	179,591	15,316
6	334,107	32,809	9,210	184,522	134,341	41,845	51,633	8,651	32,212	385,090	25,078
7	607,087	87,985	149,044	322,609	401,844	216,988	158,866	20,069	5,901	295,890	27,748
8	109,778	20,061	9,452	43,032	63,226	43,211	19,153	825	37	74,268	54,416
9	76,904	24,937	123	4,318	54,396	21,949	19,398	.....	13,049	245,659	7,369
10	14,675	9,743	32	5,271	9,329	6,279	3,050	.....	.....	1,913	1,226
11	355,882	59,817	2,090	140,295	175,964	22,599	58,281	2,101	92,953	901,555	42,529
12	102,235	10,549	406	60,273	43,935	12,604	8,735	172	22,424	89,948	6,279
13	165,960	21,090	1,728	14,795	25,625	14,544	10,498	584	.....	106,450	12,768
14	591,721	149,915	1,143,370	164,581	240,827	90,455	116,742	22,759	10,871	322,246	46,822
15	9,853	117,289	9,862	228,543	256,958	236,616	19,678	664	.....	19,087	649
16	12,414	1,664	.....	420	1,633	676	954	.....	3	35,545	3,158
17	203,144	14,282	10,536	8,826	230,674	195,333	34,374	922	45	170,259	52,139
18	273,576	105,201	2,973	917	46,951	17,472	28,452	647	280	324,863	37,662
19	374,534	155,531	10,276	166,426	372,220	254,263	83,641	1,303	33,013	311,908	59,136
20	286,874	56,215	234	15,756	229,303	135,534	63,799	773	29,197	288,530	32,598
21	230,845	80,106	472,834	14,743	108,774	50,185	56,342	2,195	52	191,049	14,673
22	591,364	360,262	172,069	47,391	174,585	82,297	83,518	8,357	413	568,134	47,964
23	27,393	8,188	.....	8,563	13,974	10,872	3,102	.....	.....	1,774	2,739
24	246,536	17,663	110	7,564	34,037	19,196	11,352	.....	3,489	149,897	14,510
25	339,655	30,154	244	2,432	44,499	27,376	17,108	.....	15	294,936	26,029
26	23,318	3,485	12	270	1,836	1,237	599	.....	.....	13,472	1,734
27	246,298	22,174	7,815	14,812	103,153	19,699	22,292	2,018	59,144	354,745	26,559
28	314,191	7,172	18	460	20,331	13,429	5,859	.....	1,043	356,127	12,613
29	444,543	290,253	304,104	69,315	470,800	292,400	167,610	10,790	.....	247,614	33,322
30	59,403	8,447	81	3,328	51,786	12,388	16,464	.....	22,934	205,872	10,250
31	156,815	57,110	167	9,174	114,085	51,647	56,389	.....	6,058	264,541	21,139
32	364,381	85,780	27,958	20,376	140,238	58,856	54,150	2,478	24,754	260,387	59,725
33	69,099	1,993	.....	1,305	56,528	53,207	3,312	.....	9	7,635	9,972
34	823,432	163,637	103,907	1,324,666	317,032	136,594	158,799	21,316	323	1,276,137	62,147
35	313,743	46,094	5,157	85,268	242,396	47,487	40,604	1,874	152,431	422,683	130,475
36	106,335	32,033	164	26,570	210,844	38,648	51,545	.....	120,651	377,105	15,737
37	352,595	60,434	1,658	333,832	97,915	40,873	52,899	2,969	1,174	614,134	22,634
38	777,264	230,542	1,738,193	85,343	302,063	125,132	152,335	21,761	2,835	498,269	66,074
39	40,127	3,050	57	1,910	3,076	2,299	777	.....	.....	10,222	1,040
40	216,796	51,568	51,081	17,368	87,547	25,360	42,566	1,975	17,646	383,614	44,156
41	609,320	262,901	369,502	67,573	230,563	59,958	68,023	26,339	76,243	431,497	34,783
42	393,249	60,589	2,274	452,066	130,071	46,956	59,411	2,621	21,063	459,523	28,317
43	874,092	352,900	205,817	896,551	819,185	84,476	137,261	36,625	60,823	1,436,575	55,177
44	147,117	28,453	5,178	6,162	54,473	35,634	17,599	1,108	134	132,430	10,000
45	339,394	13,807	.....	20,451	49,157	9,831	7,651	.....	31,675	219,246	14,975
46	62,090	13,101	100	6,558	82,664	33,383	49,126	.....	155	205,265	15,096
47	147,644	59,203	1,890	4,445	43,524	27,532	15,308	529	155	75,905	21,583
48	573,845	39,239	3,287	289,571	166,158	62,356	72,840	7,642	28,320	823,705	56,134
49	445,460	102,139	47,296	155,574	249,379	144,926	94,970	3,897	5,586	521,003	44,152
50	273,173	17,062	1,860	34,647	8,269	12,123	21,590	879	55	534,912	16,225
51	331,498	306,373	1,245	153,270	130,581	36,824	41,113	920	51,724	617,064	70,114
52	566,927	69,892	8,770	5,586	135,119	48,886	62,839	.....	28,394	1,495,748	47,930
53	288,601	33,685	1,170	10,942	75,707	15,662	18,078	466	41,601	437,385	17,449
54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
55	110,341	13,044	1,894	1,017	10,168	5,920	6,278	.....	3,836	279,381	18,351
56	109,041	122,048	350	116,444	52,484	17,395	30,861	150	4,078	231,805	10,290
57	63,064	8,277	90	200	12,684	8,901	3,743	.....	40	34,197	9,529
58	98,863	23,905	5	26,299	53,366	43,232	10,131	.....	3	77,966	9,620
59	199,068	44,853	879	43,606	123,166	38,881	57,698	750	25,837	437,280	35,566
60	1,278,183	1,662,984	40,037	1,913,910	613,708	256,620	310,693	12,548	30,847	1,376,843	91,456
61	185,521	51,744	394	21,180	129,624	39,379	88,256	8	1,951	609,154	40,945

**NEW MEXICO.**

1	\$4,469,709	\$820,487	\$545,500	\$703,695	\$4,027,537	\$726,692	\$788,481	\$39,639	\$2,472,725	\$10,099,489	\$842,394
2	148,419	80,585	10,327	21,067	192,463	63,994	21,396	3,567	103,506	25,256	9,429
3	744,681	46,935	42,137	44,425	396,487	84,121	76,052	12,936	229,378	2,375,774	59,493
4	224,537	31,181	43,675	33,286	173,564	42,722	36,524	25	94,293	639,045	40,170
5	186,739	17,328	184	17,607	134,404	74,310	54,678	30	5,388	170,039	43,487
6	584,343	60,958	16,959	34,108	46,296	14,071	20,573	9,858	1,794	56,177	10,656
7	384,866	28,741	17,095	25,878	206,847	44,770	56,722	1,770	103,555	715,857	23,764
8	95,088	32,816	42,066	10,154	108,382	35,135	42,695	59	30,493	812,064	28,468
9	82,996	19,571	63	14,571	178,097	14,832	20,724	.....	142,494	224,542	32,224
10	55,437	8,004	9,651	7,057	230,272	11,025	16,122	30	253,065	447,950	32,904
11	30,491	12,604	1,522	11,249	20,122	7,921	6,469	.....	5,732	265,732	6,844
12	8,145	11,570	22	688	14,195	2,843	1,325	.....	9,927	29,350	19,651

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF MOUNTAIN—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
					Total.	Corn.	Wheat.	Oats.	
<b>NEW MEXICO—Continued.</b>									
13 Mora.....	1,045,440	601,515	66,703	\$5,775,305	\$558,002	\$204,548	\$49,890	\$55,070	\$94,417
14 Otero.....	4,280,960	147,734	16,064	3,066,300	234,889	54,066	27,974	3,457	20,794
15 Quay.....	1,859,200	730,937	173,344	6,045,026	307,587	53,615	7,995	2,920	.....
16 Rio Arriba.....	3,757,440	223,870	25,550	4,308,645	413,131	131,270	30,241	64,331	34,767
17 Roosevelt.....	1,440,600	740,825	200,121	7,034,274	383,578	153,283	28,050	.....	.....
18 San Juan.....	3,504,640	100,289	20,356	5,410,890	567,477	126,342	88,019	18,957	18,901
19 San Miguel.....	3,070,720	1,044,726	51,141	9,078,198	382,550	144,266	71,980	30,509	39,496
20 Sandoval.....	2,477,440	340,279	39,700	3,469,040	247,093	132,082	79,085	46,471	5,934
21 Santa Fe.....	1,292,720	236,290	32,741	3,590,872	218,585	48,103	26,919	17,365	3,453
22 Sierra.....	1,995,520	507,636	4,220	3,225,108	65,893	22,038	16,102	3,510	2,126
23 Socorro.....	9,044,800	626,670	23,309	5,066,157	311,188	104,704	51,515	45,067	7,200
24 Taos.....	1,441,280	95,540	21,038	2,745,157	324,298	115,324	13,984	56,782	42,916
25 Torrance.....	2,156,160	300,774	74,028	4,323,173	233,060	73,013	65,414	5,490	1,670
26 Union.....	3,436,800	814,011	72,630	7,982,782	295,293	84,410	21,337	2,988	4,591
27 Valencia.....	3,021,760	208,385	20,098	3,771,183	235,573	98,914	24,666	67,747	6,122

ARIZONA.

1 The state.....	72,888,400	1,246,613	350,173	\$75,123,070	\$5,496,872	\$1,570,853	\$293,847	\$410,214	\$130,394
2 Apache.....	7,282,560	104,859	17,954	4,159,329	152,696	74,307	9,767	9,005	49,554
3 Cochise.....	3,948,800	309,985	34,787	6,407,825	261,559	20,478	13,648	3,135	100
4 Coconino.....	11,672,320	29,054	5,671	3,151,540	87,659	3,293	854	250	1,950
5 Gila.....	2,997,120	22,006	6,690	2,234,270	122,796	31,575	23,431	918	.....
6 Graham.....	4,165,120	72,700	33,715	7,669,553	940,819	279,687	63,005	76,482	1,047
7 Maricopa.....	5,690,240	248,271	172,592	33,879,281	2,545,534	786,968	16,589	247,058	52,213
8 Mohave.....	8,569,600	4,090	1,027	469,056	24,554	3,204	350	.....	.....
9 Navajo.....	6,592,000	105,589	11,170	3,073,033	176,956	75,914	56,918	4,830	13,733
10 Pima.....	6,083,200	71,937	10,804	2,540,390	200,170	31,001	17,809	7,049	.....
11 Pinal.....	3,443,200	43,109	18,789	2,306,782	223,029	103,562	11,149	40,800	2,191
12 Santa Cruz.....	786,560	51,874	6,070	1,698,297	109,900	20,427	15,682	1,360	.....
13 Yavapai.....	5,216,080	150,434	18,097	4,627,363	431,563	79,397	52,449	6,691	9,436
14 Yuma.....	6,391,080	32,555	13,131	2,916,231	219,637	61,140	12,146	3,583	160

UTAH.

1 The state.....	52,597,760	3,397,699	1,368,211	\$150,795,201	\$18,484,615	\$6,092,281	\$134,396	\$3,765,017	\$1,671,065
2 Beaver.....	1,702,400	45,986	1,953,193	220,101	77,311	2,474	34,570	36,064	
3 Boxelder.....	3,484,160	343,185	142,922	13,853,695	2,154,514	740,152	2,931	452,990	183,429
4 Cache.....	744,960	294,160	181,348	15,552,104	2,305,447	1,098,839	4,294	954,511	124,284
5 Carbon.....	951,680	56,663	13,824	1,457,253	213,876	37,835	1,319	9,994	23,769
6 Davis.....	176,000	127,257	55,370	10,501,566	1,239,177	270,043	2,253	170,855	25,701
7 Emery.....	2,840,920	96,708	39,380	3,859,308	489,169	165,994	3,020	75,561	83,779
8 Garfield.....	3,349,760	59,973	19,109	1,974,548	188,810	68,745	3,018	22,620	41,460
9 Grand.....	2,362,880	62,089	6,470	2,211,692	126,042	32,090	22,030	1,098	8,851
10 Iron.....	2,083,840	88,027	17,934	2,535,860	209,752	88,765	11,761	40,386	32,037
11 Juab.....	2,182,400	108,564	53,466	3,191,717	432,073	229,640	2,234	185,151	25,941
12 Kane.....	2,097,000	24,773	8,685	1,178,123	80,904	22,034	6,030	6,190	6,873
13 Millard.....	4,226,500	100,627	54,540	4,765,369	554,348	162,516	5,488	67,402	38,708
14 Morgan.....	400,640	95,648	11,691	1,880,099	262,694	68,547	.....	35,701	29,696
15 Plute.....	488,320	25,899	16,904	1,037,958	159,034	56,214	319	25,304	30,565
16 Rich.....	657,280	149,599	81,770	2,701,429	271,150	76,955	.....	22,030	52,193
17 Salt Lake.....	483,840	169,262	121,221	17,835,174	1,703,915	427,969	10,274	304,338	100,899
18 San Juan.....	4,967,040	6,698	1,666,851	111,773	35,538	4,042	10,442	20,669	
19 Sanpete.....	1,000,960	201,771	105,807	8,812,872	1,185,320	504,432	1,466	317,132	146,077
20 Sevier.....	1,265,920	122,332	56,388	6,071,687	850,436	301,146	1,757	171,897	126,356
21 Summit.....	1,191,680	261,056	32,045	3,404,892	329,068	67,851	.....	17,898	46,917
22 Tooele.....	4,383,360	83,332	34,239	3,443,133	386,564	155,245	2,301	87,051	36,721
23 Uinta.....	3,350,400	82,072	35,748	3,615,247	491,809	209,326	6,529	72,190	121,772
24 Utah.....	1,301,760	234,717	124,496	18,893,600	2,188,852	659,283	11,385	420,947	126,418
25 Wasatch.....	2,786,560	154,083	43,220	4,815,701	543,998	184,045	9,731	76,440	89,625
26 Washington.....	1,577,000	50,278	13,632	2,054,351	226,385	59,090	6,860	34,299	6,583
27 Wayne.....	1,584,000	31,617	11,538	1,102,077	124,290	48,338	4,106	19,268	24,473
28 Weber.....	346,240	148,359	59,781	10,365,846	1,455,115	240,453	4,565	128,736	81,415

# STATISTICS, BY COUNTIES.

## FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

### MOUNTAIN—Continued.

VALUE: 1909—continued.											
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.	Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
				Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>NEW MEXICO—Continued.</b>											
13	\$178,227	\$20,137	\$20,726	\$125,964	\$106,624	\$10,905	\$30,969	\$167	\$64,583	\$548,279	\$40,359
14	108,431	38,376	25,551	7,565	71,577	13,268	37,498	664	20,147	224,226	11,411
15	200,370	25,937	128	27,537	175,645	78,808	62,422	.....	34,420	427,301	47,886
16	191,294	48,454	23,108	19,005	227,615	8,003	16,945	.....	202,170	513,266	57,896
17	173,721	18,284	74	38,216	154,663	70,680	83,563	497	419	236,681	58,801
18	202,666	41,700	189,659	7,050	102,935	27,541	40,785	.....	30,804	123,672	36,201
19	114,178	43,214	9,450	71,442	117,311	41,005	18,558	3,805	57,748	268,231	39,902
20	76,346	13,896	10,003	15,666	76,794	2,649	3,964	.....	69,845	108,555	18,845
21	82,051	41,274	32,452	14,705	82,256	15,870	23,294	.....	42,210	178,351	29,152
22	26,728	10,117	4,914	2,006	33,388	142	4,216	.....	28,945	352,926	13,262
23	147,796	41,604	8,024	9,060	224,749	6,786	23,469	4,057	190,437	494,311	43,289
24	106,127	19,894	27,662	55,291	81,666	7,336	12,881	.....	61,091	64,054	32,490
25	56,320	58,604	121	45,818	189,943	23,017	37,735	.....	128,191	201,628	39,267
26	152,494	18,687	3,189	36,513	814,532	18,280	28,271	.....	268,031	438,070	27,556
27	107,218	20,876	888	7,677	316,710	6,613	10,631	465	299,001	262,726	49,290

### ARIZONA.

1	\$2,553,228	\$505,988	\$347,585	\$519,218	\$2,359,346	\$909,411	\$565,094	\$57,203	\$327,638	\$4,531,545	\$315,552
2	52,022	13,367	10,614	2,386	167,131	7,650	6,588	94	152,799	358,904	27,689
3	152,137	57,717	17,120	14,107	168,199	79,183	73,845	2,175	12,996	608,452	31,398
4	52,634	26,677	4,785	270	280,166	795	2,561	185	276,625	319,207	25,407
5	34,924	40,937	11,330	4,030	67,883	53,602	12,624	.....	1,640	163,969	37,609
6	553,518	54,206	43,876	9,632	176,780	86,289	54,496	6,742	29,253	365,265	26,319
7	1,126,677	108,687	111,243	411,959	822,410	475,314	286,857	35,537	24,702	1,280,907	17,928
8	11,040	3,365	5,569	1,376	15,314	11,647	1,929	.....	1,058	50,205	5,206
9	56,187	32,853	8,293	3,709	236,519	22,848	9,269	469	203,933	394,783	32,722
10	112,569	37,903	1,441	17,256	90,008	71,289	17,864	55	800	72,432	14,114
11	75,627	11,774	12,668	19,398	35,147	10,546	15,306	.....	8,437	105,072	43,833
12	56,628	12,857	4,328	15,660	14,528	3,245	10,658	.....	500	161,804	14,424
13	151,281	85,803	109,671	5,511	222,190	55,337	49,471	2,487	114,895	447,620	34,126
14	117,984	19,842	6,747	13,924	63,071	31,666	23,626	7,779	.....	202,825	4,863

### UTAH.

1	\$7,429,901	\$1,591,847	\$888,492	\$2,482,094	\$5,297,785	\$2,067,534	\$1,259,267	\$79,763	\$1,891,221	\$5,899,362	\$756,854
2	116,532	16,344	5,174	4,740	74,214	27,608	16,434	452	29,720	177,776	14,694
3	556,552	95,922	141,311	614,577	292,796	90,019	91,815	3,622	77,340	600,270	47,242
4	673,341	72,045	46,831	414,391	512,429	382,763	107,959	4,246	17,461	589,493	51,013
5	119,702	35,194	15,570	5,575	46,139	11,924	16,539	.....	826	16,850	119,844
6	433,138	374,798	83,722	77,476	262,361	145,339	96,258	2,418	18,346	118,296	31,279
7	150,164	41,634	26,828	104,549	79,849	15,976	34,455	12,158	17,260	84,707	39,606
8	97,197	9,050	12,979	833	135,479	18,086	4,224	397	112,772	115,319	17,680
9	62,108	11,189	16,542	3,237	78,681	4,892	9,336	748	63,705	175,191	15,259
10	105,305	11,772	3,416	494	223,371	9,040	2,989	781	210,561	122,572	5,144
11	175,924	9,667	9,255	7,678	136,172	37,271	20,182	2,249	76,470	56,024	6,707
12	47,517	5,497	5,170	686	126,555	6,136	2,066	607	117,746	132,005	10,300
13	288,871	31,867	18,135	52,959	130,622	65,164	38,622	1,154	25,682	271,328	28,662
14	120,705	57,997	11,843	4,192	57,018	35,168	17,043	444	4,363	49,929	12,474
15	69,317	9,771	1,770	1,953	43,257	20,536	9,628	233	12,860	86,084	9,208
16	179,939	9,210	4,897	149	110,497	18,199	14,634	10	77,654	313,575	38,918
17	783,270	201,111	75,115	216,450	579,988	296,158	165,692	1,500	116,638	144,608	54,931
18	55,240	12,245	7,016	1,734	82,066	1,548	3,999	568	75,951	167,253	26,118
19	552,486	40,087	23,986	64,329	576,289	175,951	110,365	8,760	281,213	426,319	54,869
20	375,863	34,360	13,974	125,093	274,468	119,876	61,352	7,035	86,205	270,691	33,590
21	251,796	7,790	1,196	485	201,208	82,873	20,897	53	97,385	274,049	16,974
22	183,970	25,199	13,810	8,822	125,286	16,863	26,448	666	81,309	149,700	16,079
23	218,300	38,855	20,235	6,093	129,441	26,675	35,138	10,615	57,013	99,252	22,047
24	837,150	190,125	158,560	340,734	464,857	207,144	173,183	8,955	75,575	444,007	82,126
25	297,775	40,105	6,633	15,440	186,216	51,250	45,164	2,782	87,020	462,390	21,857
26	100,337	25,577	27,702	13,679	53,728	18,048	13,942	1,168	20,570	125,833	18,429
27	57,866	9,009	6,447	2,630	52,596	16,036	7,636	446	28,478	80,771	14,197
28	519,527	176,112	130,857	388,166	292,202	166,991	113,267	6,870	5,074	244,146	58,850

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF MOUNTAIN—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
					Total.	Corn.	Wheat.	Oats.	
<b>NEVADA.</b>									
1 The state.....	70,285,440	2,714,757	752,117	\$60,399,365	\$5,923,536	\$923,763	\$23,600	\$396,285	\$101,968
2 Churchill.....	3,232,000	113,183	30,057	3,985,347	357,069	94,475	670	33,471	11,564
3 Clark.....	5,148,800	30,721	8,314	1,603,810	180,183	30,428	1,840	7,741	1,735
4 Douglas.....	469,120	84,194	27,252	3,647,969	527,651	169,274	.....	60,611	28,840
5 Elko.....	10,917,760	928,385	196,606	16,488,324	1,119,281	133,186	110	23,375	79,742
6 Esmeralda.....	4,756,480	33,212	16,018	1,100,911	136,412	18,356	2,108	6,471	2,982
7 Eureka.....	2,660,480	73,625	19,824	1,602,441	158,152	9,165	.....	367	1,315
8 Humboldt.....	10,148,480	666,680	155,150	8,857,005	1,132,055	161,048	20	127,305	4,931
9 Lander.....	3,661,440	249,736	61,913	4,003,650	285,257	34,470	.....	5,598	32
10 Lincoln.....	6,727,040	29,958	12,045	1,002,257	148,761	25,208	14,818	980	3,295
11 Lyon.....	965,760	105,592	43,806	4,185,620	500,470	97,554	608	52,413	4,795
12 Nye.....	11,708,160	94,614	41,576	1,816,115	261,834	17,090	3,033	3,470	2,720
13 Ormsby.....	99,840	10,472	2,959	612,263	40,508	5,907	.....	5,330	420
14 Storey.....	100,640	1,498	759	94,238	26,007	523	.....	490	.....
15 Washoe.....	4,000,640	195,286	57,015	8,756,825	776,520	85,154	20	63,666	16,492
16 White Pine.....	5,628,800	109,631	77,833	2,395,600	273,286	41,920	373	4,097	33,099

PACIFIC.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
					Total.	Corn.	Wheat.	Oats.	

WASHINGTON.

1 The state.....	42,775,040	11,712,235	6,373,311	\$637,543,411	\$78,927,053	\$44,762,138	\$404,367	\$35,102,370	\$5,870,857
2 Adams.....	1,223,680	970,455	747,778	29,712,202	4,914,204	4,403,836	6,293	4,303,314	124,551
3 Asotin.....	387,840	180,987	79,295	6,404,012	350,319	574,716	4,156	488,269	4,231
4 Benton.....	1,080,440	260,044	180,397	14,316,550	712,757	356,214	3,038	349,331	40
5 Chelan.....	1,233,280	84,347	26,100	5,336,998	437,360	101,598	50	10,549	82,139
6 Clallam.....	1,856,000	152,613	42,251	24,945,236	1,565,116	65,143	48,759	15,785	587
7 Clatsop.....	1,104,640	62,248	16,708	3,780,844	477,054	64,700	00	25,092	34,528
8 Clark.....	405,700	186,929	60,913	17,225,949	1,593,060	152,481	4,041	29,382	117,134
9 Columbia.....	549,120	314,557	180,562	15,089,114	2,421,469	2,059,618	44,770	1,069,349	14,775
10 Cowlitz.....	737,920	100,553	21,233	4,842,706	642,335	84,908	1,273	12,799	38,934
11 Douglas.....	1,143,680	711,831	472,625	22,617,095	3,452,126	2,759,202	21,089	2,445,571	229,973
12 Ferry.....	1,420,800	101,650	20,037	2,581,105	310,700	44,288	5,679	15,634	19,659
13 Franklin.....	771,840	387,832	273,241	8,385,699	924,132	809,728	1,533	798,154	5,071
14 Garfield.....	444,160	314,009	155,531	11,285,390	1,970,244	1,646,556	13,541	1,017,158	718
15 Grant.....	1,740,800	647,999	444,622	18,473,980	1,994,782	1,059,189	3,676	1,577,605	51,106
16 Island.....	133,120	38,970	12,830	3,248,232	360,342	118,787	.....	68,835	48,506
17 Jefferson.....	1,118,080	31,518	6,554	1,975,980	185,590	2,567	8	378	2,105
18 King.....	1,351,040	148,417	54,023	35,053,535	2,458,556	44,866	565	3,705	36,393
19 Kittitas.....	237,440	42,332	9,161	4,853,581	326,825	316	40	205	71
20 Knappton.....	1,490,560	262,605	78,989	14,491,850	1,606,164	234,106	463	102,147	115,455
21 Klallam.....	1,168,000	530,291	181,581	16,430,994	1,278,530	759,140	754	674,335	35,230
22 Lewis.....	1,516,160	214,872	62,838	12,993,431	1,418,626	311,679	554	55,991	240,081
23 Lincoln.....	1,478,280	1,200,910	799,380	42,153,274	8,272,870	7,343,983	7,093	6,812,553	198,335
24 Mason.....	595,200	42,928	7,678	2,095,809	273,612	6,735	15	1,887	7,512
25 Okanogan.....	3,841,440	379,766	122,386	15,523,053	1,200,037	401,233	50,245	147,855	179,726
26 Pacific.....	572,800	47,002	9,305	2,547,903	275,120	6,151	.....	572	5,579
27 Pierce.....	1,088,040	156,590	42,405	20,531,078	1,873,293	38,281	301	6,141	29,153
28 San Juan.....	113,920	66,612	15,547	8,120,947	398,248	53,980	.....	12,456	40,802
29 Skagit.....	1,185,360	118,118	59,273	17,960,798	2,226,407	1,010,960	1,055	12,878	993,136
30 Skamania.....	1,078,400	25,631	4,477	1,597,075	117,863	6,708	115	898	4,900
31 Snohomish.....	1,820,960	118,328	34,126	13,346,133	1,301,257	145,040	128	2,991	139,657
32 Spokane.....	1,123,840	682,330	361,958	47,521,952	5,300,115	2,823,814	21,591	1,929,562	804,610
33 Stevens.....	2,474,240	521,259	116,872	18,620,826	1,917,682	281,515	50,110	13,525	143,525
34 Thurston.....	453,760	151,243	35,112	7,681,746	787,703	85,512	232	13,844	68,190
35 Wahkiakum.....	170,880	29,030	4,566	1,429,823	91,985	655	.....	.....	655
36 Walla Walla.....	809,600	739,609	479,660	39,517,589	5,828,559	4,742,408	29,518	4,065,984	33,783
37 Whitman.....	1,332,480	145,747	46,885	14,715,519	1,712,778	272,273	258	33,123	230,409
38 Witanman.....	1,349,120	1,187,966	923,820	67,357,022	12,540,694	10,878,427	33,480	3,718,930	1,692,174
39 Yakima.....	3,237,700	320,921	170,410	47,777,500	4,734,144	378,305	49,874	192,165	87,854

# STATISTICS, BY COUNTIES.

## FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

### MOUNTAIN—Continued.

VALUE: 1909—continued.											
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.	Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
				Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			
<b>NEVADA.</b>											
1	\$4,185,071	\$661,803	\$102,811	\$50,088	\$1,742,794	\$518,179	\$321,799	\$37,002	\$865,814	\$4,238,040	\$423,192
2	211,524	40,721	1,562	8,787	94,939	17,049	36,049	6,207	35,634	105,932	15,755
3	40,931	82,683	15,583	1,558	16,794	4,532	9,468	750	2,044	23,794	11,877
4	317,779	18,148	4,711	17,739	136,821	96,388	25,583	1,218	13,632	167,433	27,916
5	920,600	46,386	14,456	4,653	270,872	46,852	29,576	1,554	192,890	1,517,451	69,608
6	92,941	22,296	1,124	1,095	22,436	5,902	6,816	118	9,600	62,042	15,961
7	132,498	16,254	247	.....	25,206	5,818	6,620	.....	13,268	192,268	22,696
8	920,859	42,142	7,559	450	284,988	27,421	38,037	8,709	210,821	670,455	43,522
9	281,657	18,219	911	.....	112,519	1,724	5,460	.....	105,335	484,852	47,261
10	83,722	29,537	10,163	131	28,622	8,945	9,135	.....	10,542	60,654	13,699
11	274,492	120,757	3,498	4,169	169,128	84,721	60,169	11,612	22,626	155,793	21,373
12	191,601	38,688	14,456	1,999	44,094	9,940	19,494	.....	14,660	151,636	19,431
13	26,224	7,705	647	115	28,699	18,063	10,366	270	.....	5,188	1,655
14	10,663	8,177	425	214	18,090	15,859	2,701	30	.....	1,578	778
15	527,376	137,662	18,097	8,231	355,118	147,261	56,009	6,534	145,252	552,123	27,333
16	187,219	34,428	9,372	347	134,470	28,704	16,256	.....	89,510	187,800	34,137

### PACIFIC.

VALUE: 1909—continued.											
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.	Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909	
				Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			

### WASHINGTON.

1	\$17,147,648	\$5,982,665	\$5,270,473	\$5,764,129	\$14,640,546	\$8,748,041	\$5,353,655	\$66,391	\$474,459	\$7,771,950	\$2,477,396
2	410,150	35,937	4,110	171	200,106	47,659	120,750	.....	31,697	255,929	77,996
3	119,478	45,222	55,744	55,159	106,119	22,962	40,880	71	42,206	170,818	29,790
4	236,742	53,471	38,770	27,600	133,839	38,295	77,581	1,830	16,134	85,438	14,529
5	215,803	122,577	35,550	101,841	299,040	208,416	80,699	1,874	2,051	86,216	47,740
6	291,476	106,354	939,249	108,896	166,410	63,524	91,239	1,421	2,681	60,896	24,563
7	270,513	61,691	24,454	56,236	287,775	241,740	43,885	541	1,609	64,823	56,302
8	599,284	262,411	365,235	233,049	616,202	440,038	169,564	4,615	2,045	95,454	115,446
9	204,733	73,392	61,896	22,430	138,993	47,529	55,971	561	34,932	203,700	49,502
10	207,872	119,462	84,870	115,233	222,702	150,571	66,279	4,063	1,849	90,940	55,099
11	507,871	111,478	63,297	10,218	108,412	44,403	123,918	12	79	228,375	114,621
12	128,353	48,837	5,319	83,903	77,646	34,838	42,726	.....	82	59,122	27,160
13	104,730	8,224	1,240	204	107,562	19,924	48,544	35	39,061	146,806	26,697
14	200,815	51,565	71,449	8,859	76,296	19,604	45,749	189	12,754	206,979	25,947
15	290,197	30,374	9,597	5,425	145,617	20,407	93,435	16	22,759	184,414	50,265
16	83,698	69,077	26,449	71,421	191,771	117,113	71,451	180	3,027	27,223	29,067
17	87,219	28,976	20,236	46,592	103,995	77,466	25,975	75	479	12,551	30,445
18	572,123	704,588	456,559	590,420	2,099,341	1,547,911	547,777	2,851	802	212,139	132,513
19	111,043	77,683	76,641	60,842	473,705	124,241	348,067	644	155	16,671	22,935
20	1,183,114	86,330	45,312	57,302	281,201	144,930	74,059	2,162	60,050	390,543	27,884
21	329,998	75,001	71,599	42,792	180,389	70,089	57,626	116	52,558	313,790	82,124
22	526,698	207,573	107,930	264,746	558,517	363,222	188,054	4,220	2,021	236,041	111,369
23	730,741	103,999	59,996	34,151	313,968	99,990	213,608	20	350	343,205	118,478
24	91,364	43,933	36,142	92,438	110,036	49,364	58,535	1,667	470	17,137	10,498
25	542,752	133,866	69,673	62,413	215,152	97,625	101,507	1,532	14,785	456,027	79,385
26	116,485	58,621	12,068	81,811	168,234	130,487	37,388	170	189	38,831	34,740
27	804,508	522,185	411,494	596,765	1,070,927	648,146	417,656	2,973	2,152	162,678	70,826
28	103,053	48,376	74,068	118,171	120,723	68,834	43,329	85	5,495	17,336	26,569
29	673,789	202,635	110,852	227,981	861,887	635,963	218,368	4,242	3,314	305,278	33,649
30	36,643	27,804	17,890	26,818	43,448	28,295	14,289	285	670	10,064	9,923
31	451,080	236,480	108,774	364,874	919,898	739,395	180,409	1,635	1,459	125,817	82,198
32	1,203,351	543,563	375,623	359,764	805,730	433,191	368,949	2,577	1,013	334,056	154,755
33	815,085	230,309	140,050	441,633	344,391	185,959	154,388	382	3,652	214,839	122,147
34	301,575	135,223	77,511	187,942	404,564	247,256	144,338	2,065	905	92,002	74,739
35	45,408	15,504	9,141	21,217	135,409	118,506	16,329	383	191	16,211	30,392
36	769,493	191,042	91,857	33,759	301,282	130,208	135,570	5,046	30,458	287,213	61,549
37	679,978	294,067	131,870	333,990	850,015	577,524	264,450	3,420	4,621	146,192	118,932
38	1,066,243	249,502	321,331	25,191	671,386	290,935	332,570	4,361	43,520	1,154,180	235,337
39	2,482,206	475,293	667,037	731,303	677,738	493,472	233,143	10,394	30,729	753,569	67,684

AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF PACIFIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909					
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.				
						Total.	Corn.	Wheat.	Oats.	
<b>OREGON.</b>										
1 The state.....	61,188,480	11,685,110	4,274,803	\$528,243,782	\$49,040,725	\$17,860,136	\$310,430	\$10,849,036	\$5,037,184	
2 Baker.....	1,958,400	297,095	137,759	15,232,080	1,783,500	585,448	5,803	193,442	267,318	
3 Benton.....	440,820	235,504	91,093	11,950,336	1,082,198	428,021	1,751	193,249	226,263	
4 Clackamas.....	1,192,900	301,009	103,371	29,735,795	2,714,201	639,602	20,324	233,788	423,165	
5 Clatsop.....	525,440	54,221	12,730	2,038,077	301,002	14,318	15	1,332	12,841	
6 Columbia.....	423,680	91,372	16,112	4,606,278	449,542	35,510	1,185	5,715	28,080	
7 Coos.....	1,041,920	202,102	35,471	8,829,700	786,944	44,540	12,770	5,338	17,892	
8 Crook.....	4,977,920	571,600	138,354	14,134,843	1,214,691	316,030	1,251	158,076	76,958	
9 Curry.....	958,720	106,772	22,916	2,345,576	141,682	14,111	1,919	2	9,301	
10 Douglas.....	3,150,080	577,428	117,115	19,170,380	1,688,196	417,913	42,106	175,601	181,829	
11 Gilliam.....	768,640	434,277	235,666	10,721,357	972,064	802,013	505	699,807	6,757	
12 Grant.....	2,892,800	445,170	53,045	7,654,412	630,550	118,633	2,983	53,100	36,651	
13 Harney.....	6,357,120	502,204	190,271	11,079,604	748,740	104,089		30,429	51,090	
14 Hood River.....	347,520	38,049	14,284	14,408,138	533,602	801	242	41	578	
15 Jackson.....	1,815,040	297,171	103,238	30,617,660	1,632,568	167,337	56,490	78,135	10,696	
16 Josephine.....	1,120,640	30,960	30,960	6,301,450	540,577	31,797	9,824	9,228	8,464	
17 Klamath.....	3,830,360	454,340	176,594	12,053,776	387,802	301,510		162,363	44,743	
18 Lake.....	5,068,800	401,555	104,419	9,031,775	590,271	101,032		31,371	8,192	
19 Lane.....	2,951,680	485,265	159,127	23,947,024	2,180,831	643,377	37,466	244,063	343,423	
20 Lincoln.....	645,120	158,282	15,238	4,038,704	313,501	10,212	237	359	9,468	
21 Linn.....	1,435,520	462,337	236,033	27,047,815	2,413,953	1,069,244	30,213	424,186	587,702	
22 Malheur.....	6,325,120	230,175	81,901	12,795,304	1,057,740	168,103	2,507	61,817	43,309	
23 Marion.....	704,160	394,415	211,087	36,256,354	4,333,371	1,353,838	32,477	519,297	762,837	
24 Morrow.....	1,290,000	673,997	230,020	10,902,040	666,042	332,777	9	303,808	1,620	
25 Multnomah.....	288,640	80,262	30,011	23,227,688	1,422,200	93,904	3,951	10,872	71,496	
26 Polk.....	453,700	260,367	137,162	17,602,029	2,194,005	621,195	3,107	236,290	373,645	
27 Sherman.....	535,040	372,626	273,918	11,400,534	1,569,905	1,454,281	2,830	1,354,909	24,556	
28 Tillamook.....	720,000	94,493	30,460	7,721,789	447,054	25	25			
29 Umatilla.....	2,050,720	1,050,258	544,513	30,876,434	4,958,217	3,622,555	0,342	3,256,767	25,418	
30 Union.....	1,335,680	395,769	166,499	16,999,077	2,332,772	1,398,463	3,506	940,337	282,263	
31 Wallowa.....	2,012,800	354,732	80,049	11,319,248	1,253,488	515,454	8,925	268,170	109,798	
32 Wasco.....	1,490,520	543,754	171,051	15,669,186	1,600,785	788,943	5,403	648,356	41,398	
33 Washington.....	407,840	240,328	107,919	28,816,033	3,021,376	798,905	2,345	233,558	548,810	
34 Wheeler.....	1,090,530	418,876	53,396	5,875,825	382,042	61,777	298	30,776	8,181	
35 Yamhill.....	456,960	274,200	136,463	23,410,128	2,300,718	696,409	13,621	277,264	392,433	
<b>CALIFORNIA.</b>										
1 The state.....	99,617,280	27,931,444	11,889,894	\$1,614,694,584	\$153,111,013	\$28,039,826	\$1,077,411	\$6,323,983	\$2,637,047	
2 Alameda.....	468,480	311,327	177,314	36,840,669	4,276,907	394,907	11,641	25,153	46,788	
3 Alpine.....	496,040	32,004	7,579	811,442	83,206	25,833		21,379	3,553	
4 Amador.....	384,640	291,730	46,969	4,820,809	452,270	55,405	12,204	6,157	18,630	
5 Butte.....	1,102,080	490,777	247,097	24,080,440	2,364,515	550,107	12,227	264,952	36,762	
6 Calaveras.....	657,280	271,401	59,104	3,973,400	409,168	7,881	2,003	518	1,702	
7 Colusa.....	720,000	522,376	330,509	19,602,208	2,164,200	1,578,543	12,604	195,332	8,972	
8 Contra Costa.....	456,960	406,433	202,152	31,812,192	4,032,054	604,035	5,848	67,591	26,257	
9 Del Norte.....	655,360	35,947	12,430	1,770,222	111,952	8,877	12		8,065	
10 Eldorado.....	1,121,920	216,881	41,682	3,775,353	471,514	15,189	907	4,327	8,707	
11 Fresno.....	3,898,000	1,106,616	590,205	62,583,058	7,991,187	510,053	30,180	106,644	12,539	
12 Glenn.....	805,760	491,198	300,765	16,581,410	1,350,910	909,796	17,088	228,902	17,116	
13 Humboldt.....	2,325,760	642,536	105,248	21,230,881	1,438,425	117,802	6,499	3,660	60,204	
14 Imperial.....	2,616,960	223,092	176,060	23,646,067	1,901,358	755,239	10,136	3,051	270	
15 Inyo.....	6,412,160	119,142	38,998	7,112,903	532,843	156,416	58,005	61,451	13,827	
16 Kern.....	5,121,920	1,403,350	315,387	30,405,013	1,303,255	509,973	5,592	121,059	515	
17 Kings.....	741,760	373,823	196,560	33,312,292	3,180,114	550,860	39,115	157,489	2,301	
18 Lako.....	817,920	217,464	42,768	6,271,615	517,796	129,857	17,537	54,653	15,100	
19 Lassen.....	2,899,840	295,728	122,057	9,370,309	897,040	214,275	93	141,567	19,104	
20 Los Angeles.....	2,602,580	757,985	418,998	109,995,200	14,720,884	806,507	209,449	62,551	21,608	
21 Madona.....	1,351,680	620,663	391,086	14,984,395	1,686,418	1,220,003	65	389,870	119,039	
22 Marin.....	338,560	263,442	93,115	12,426,158	534,333	19,796	1,690	1,015	16,874	
23 Mariposa.....	936,320	206,059	37,017	2,829,235	230,632	18,515	2,076	1,562	692	
24 Mendocino.....	2,209,920	721,325	82,578	14,659,467	1,531,980	176,078	11,018	67,565	64,674	
25 Merced.....	1,276,800	1,162,167	607,742	49,520,913	3,423,574	1,691,656	44,870	122,048	220,501	
26 Modoc.....	2,440,720	410,134	164,784	11,376,263	1,176,038	329,318	210	164,030	16,659	
27 Mono.....	1,939,200	115,672	43,382	2,347,797	107,757	5,023	160	3,228	1,560	
28 Monterey.....	2,131,200	1,147,416	371,609	35,021,930	4,326,535	1,695,220	13,893	280,767	182,297	
29 Napa.....	501,120	360,580	101,114	18,082,000	1,637,442	168,471	47,051	61,751	21,061	
30 Nevada.....	623,360	175,398	24,542	3,022,085	396,326	3,101	220	1,588	1,083	
31 Orange.....	568,800	371,692	189,463	64,367,852	6,176,337	562,593	77,995	11,357	20,375	



# STATISTICS, BY COUNTIES.

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## FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

### PACIFIC—Continued.

VALUE: 1909—continued.											
	Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.	Live stock products as reported.					Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
					Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.		
<b>OREGON.</b>											
1	\$15,225,957	\$4,548,523	\$4,093,399	\$7,312,710	\$13,410,228	\$6,067,024	\$3,814,285	\$94,510	\$3,434,409	\$14,972,615	\$3,461,159
2	958,059	122,386	83,823	33,784	425,537	103,614	85,262	9,246	227,415	1,263,574	86,735
3	283,720	103,314	84,809	182,334	337,030	148,841	126,223	2,649	59,317	446,563	67,823
4	658,411	514,979	321,003	533,206	753,709	371,883	350,908	5,166	25,912	245,722	213,863
5	104,393	38,087	18,703	126,041	172,817	131,991	38,543	912	1,371	16,593	26,319
6	174,879	81,041	40,226	111,886	225,346	109,353	53,203	1,324	1,466	41,261	44,400
7	334,255	187,507	111,456	109,117	479,158	378,992	85,853	2,993	11,320	193,513	83,817
8	737,108	87,132	10,505	67,216	309,920	51,850	50,959	1,878	205,233	931,416	67,470
9	56,402	34,187	18,724	18,258	111,816	63,787	10,669	564	36,796	67,336	14,136
10	531,260	204,655	249,531	184,837	481,825	146,051	222,976	4,970	107,828	496,601	191,459
11	139,334	18,939	9,110	2,668	161,547	9,370	34,957	281	116,939	319,683	23,201
12	364,890	74,600	39,462	32,981	341,267	29,768	38,240	1,136	272,123	774,661	61,265
13	531,742	49,038	3,321	550	161,071	13,929	20,671	100	126,371	877,775	27,531
14	104,116	52,056	318,103	58,527	79,441	37,671	41,238	282	250	18,126	11,261
15	746,336	121,512	479,478	117,905	277,792	140,448	110,764	2,504	24,076	267,880	53,450
16	246,499	88,215	80,168	90,928	109,977	58,887	49,285	806	999	67,255	47,621
17	483,824	63,548	4,594	34,386	133,352	62,104	53,019	2,611	15,558	487,710	47,978
18	423,943	35,286	10,433	10,577	256,008	20,237	21,794	537	890,375	323,982	32,982
19	757,650	270,121	143,235	399,448	578,057	274,118	246,918	6,337	56,884	426,267	153,786
20	132,312	66,279	37,022	67,670	112,404	72,403	25,218	3,184	11,589	32,324	25,634
21	671,186	216,713	131,756	325,054	817,485	401,436	344,645	7,578	63,826	706,442	165,682
22	757,963	51,966	9,907	69,810	471,294	26,955	51,525	8,676	384,138	809,819	29,996
23	683,910	355,141	394,097	1,548,785	842,781	426,124	367,436	5,426	43,745	421,522	192,480
24	295,155	17,896	4,922	9,292	329,330	27,800	49,682	861	260,987	424,682	26,251
25	394,002	413,582	222,411	298,301	880,674	732,242	139,189	1,181	8,062	201,272	113,562
26	386,195	106,076	105,130	618,400	415,356	203,185	153,246	5,083	53,842	294,100	92,346
27	81,443	21,647	8,651	883	76,542	23,606	51,873	47	1,016	149,435	32,739
28	317,991	60,284	15,646	53,108	521,215	486,077	31,206	2,488	1,444	64,070	31,149
29	919,060	133,160	193,086	90,110	594,060	164,313	176,757	3,634	249,296	1,065,216	105,570
30	496,999	123,997	180,500	132,753	276,262	157,814	95,446	731	22,271	457,451	69,897
31	523,959	71,093	34,895	107,997	395,305	47,575	41,363	89	306,278	1,003,500	39,497
32	428,167	130,565	105,972	147,148	418,229	62,697	90,906	872	263,754	447,198	56,002
33	764,042	442,055	190,088	836,086	1,013,425	695,920	298,684	4,960	13,861	242,142	158,824
34	260,933	20,179	16,747	14,306	257,555	16,717	19,817	1,180	219,841	512,492	31,304
35	495,880	161,111	324,696	622,622	592,641	300,186	235,860	4,224	52,371	451,650	124,436

### CALIFORNIA.

1	\$42,187,215	\$12,121,958	\$50,706,869	\$20,055,145	\$36,019,220	\$20,443,977	\$12,703,948	\$665,367	\$2,206,928	\$31,130,113	\$2,497,997
2	1,547,119	810,628	806,977	717,336	1,058,150	580,130	471,769	1,321	4,930	314,415	20,791
3	49,147	3,201	1,444	3,491	44,172	30,970	3,613	23	9,561	56,611	6,752
4	229,082	41,583	59,559	65,741	132,825	76,996	49,621	326	5,823	254,523	25,289
5	806,735	55,314	797,893	148,466	288,468	95,501	158,062	924	33,991	761,990	41,532
6	217,191	58,093	53,308	72,635	98,825	36,840	49,802	632	11,351	262,882	49,405
7	340,462	30,458	129,389	85,447	251,369	96,493	92,466	5,790	56,620	538,903	54,361
8	1,617,610	1,125,668	499,436	185,305	778,454	513,685	247,618	1,382	10,869	326,350	48,791
9	85,763	10,605	2,878	3,829	190,009	183,136	4,651	152	2,676	23,964	6,111
10	196,638	41,950	143,924	78,813	124,610	74,999	45,411	696	3,504	120,201	33,265
11	1,702,818	108,090	5,279,794	389,832	1,412,843	850,240	419,265	33,356	109,982	1,324,168	89,089
12	327,908	13,644	35,661	64,301	286,160	73,207	110,010	1,194	101,749	413,709	58,528
13	893,913	175,817	141,493	109,400	1,573,725	1,351,577	115,116	2,602	104,430	457,384	62,917
14	802,990	295,389	29,864	20,876	493,460	313,743	135,526	27,124	17,067	1,701,217	9,661
15	252,610	57,314	44,047	22,256	194,849	69,308	67,836	29,944	27,761	297,654	44,574
16	953,044	90,968	159,698	92,572	432,302	245,601	148,062	12,159	26,540	1,015,548	62,946
17	1,171,101	140,137	1,210,568	98,439	1,163,610	834,251	248,495	12,028	58,536	932,227	46,144
18	196,996	44,701	90,001	56,242	107,378	37,420	56,551	455	12,922	140,122	20,863
19	582,371	51,047	16,304	33,952	182,618	85,532	41,259	843	55,154	746,769	68,782
20	3,430,608	1,255,093	6,731,532	2,497,054	2,492,378	1,415,144	961,299	93,569	32,365	710,569	63,561
21	290,258	27,995	126,124	22,038	78,944	46,284	29,336	1,052	2,272	224,774	12,739
22	425,987	42,916	31,816	13,898	1,721,308	1,295,606	422,837	49	2,816	196,947	32,917
23	109,699	23,024	43,025	31,369	35,861	6,590	28,344	51	376	166,767	17,659
24	526,688	121,941	108,534	541,145	470,690	189,528	121,577	667	158,918	346,864	163,675
25	1,355,098	187,563	147,964	41,393	1,244,943	1,009,740	184,810	10,993	39,400	1,669,927	43,406
26	621,177	98,574	49,894	77,075	157,346	51,371	45,337	2,055	55,583	1,184,669	66,016
27	85,083	13,396	3,038	1,217	55,401	9,155	2,988	2,049	41,209	197,847	21,341
28	1,125,740	330,296	438,763	735,516	893,874	620,934	231,683	14,708	26,549	833,917	71,129
29	465,362	126,348	76,745	110,516	468,987	242,846	218,003	942	7,196	261,042	34,634
30	159,879	54,554	89,771	79,021	159,286	66,513	63,612	779	8,382	95,121	22,217
31	976,896	540,804	2,497,734	1,598,280	774,938	290,247	414,692	18,525	51,474	266,165	8,631

## AGRICULTURE.

ACREAGE AND VALUE OF FARM PROPERTY, 1910, AND VALUE OF  
PACIFIC—Continued.

COUNTY.	ACREAGE: 1910			Value of all farm property: 1910	VALUE: 1909				
	All land.	Land in farms.	Improved land in farms.		All crops.	Cereals.			
						Total.	Corn.	Wheat.	Oats.
<b>CALIFORNIA—Continued.</b>									
32 Placer.....	802,800	248,080	68,608	\$10,234,101	\$1,813,419	\$104,677	\$845	\$60,498	\$30,871
33 Plumas.....	1,060,160	134,259	54,281	3,302,955	432,919	74,736		12,471	46,109
34 Riverside.....	4,633,600	520,806	278,151	40,203,795	5,133,576	895,051	10,039	163,149	65,771
35 Sacramento.....	629,120	473,044	275,682	30,094,652	4,720,010	232,584	27,242	112,179	44,503
36 San Benito.....	800,880	544,301	180,573	14,963,807	1,741,155	268,068	4,771	65,467	11,870
37 San Bernardino.....	12,900,480	208,366	136,025	68,499,103	6,818,233	93,464	13,757	240	7,845
38 San Diego.....	2,701,440	834,426	234,045	31,124,814	2,861,136	458,836	64,467	83,861	109,190
39 San Francisco.....	27,520	2,091	1,562	2,030,428	823,926				
40 San Joaquin.....	926,720	763,048	611,762	67,280,628	9,082,240	3,238,767	51,416	321,627	200,784
41 San Luis Obispo.....	2,133,760	1,588,660	326,028	32,426,353	2,481,812	800,268	16,587	419,820	24,150
42 San Mateo.....	280,080	160,655	100,800	20,870,585	1,305,371	200,218	92	1,535	239,844
43 Santa Barbara.....	1,753,600	1,120,475	215,562	43,544,076	3,568,250	585,079	21,565	26,206	114,472
44 Santa Clara.....	849,020	734,819	237,170	67,187,540	6,968,438	170,190	10,046	11,710	6,845
45 Santa Cruz.....	278,400	167,308	66,875	17,653,136	2,408,435	94,360	20,607	4,178	45,994
46 Shasta.....	2,469,120	389,218	96,217	7,847,929	939,795	74,831	3,770	46,745	7,117
47 Sierra.....	590,720	84,220	30,704	1,650,799	234,154	25,799	24	7,889	8,828
48 Siskiyou.....	4,003,840	455,870	186,147	14,270,302	1,426,394	325,312	2,977	224,258	46,454
49 Solano.....	526,080	474,866	310,452	28,727,083	3,569,966	1,202,481	1,023	435,221	18,079
50 Sonoma.....	1,009,280	744,044	248,271	55,351,049	4,451,378	60,993	32,792	1,652	10,630
51 Stanislaus.....	928,000	649,392	512,189	43,787,887	3,108,660	1,315,180	11,022	277,181	421,041
52 Sutter.....	389,120	385,402	199,510	19,115,593	1,749,422	588,103	20,891	191,624	36,624
53 Tehama.....	1,851,520	915,227	186,642	16,821,178	1,228,250	249,157	2,696	85,282	15,281
54 Trinity.....	2,026,240	91,310	13,300	1,591,469	269,345	12,394	1,681	6,795	3,137
55 Tulare.....	3,107,840	1,045,231	507,024	76,539,642	5,353,904	1,442,685	48,508	759,911	13,162
56 Tuolumne.....	1,401,600	193,072	36,407	2,942,322	297,496	14,453	140	4,749	5,961
57 Ventura.....	1,201,020	550,199	213,808	48,262,045	6,751,759	347,954	50,870	63,227	16,192
58 Yolo.....	648,960	463,383	317,268	31,798,096	3,274,450	1,032,710	4,683	228,229	7,066
59 Yuba.....	408,960	249,108	94,250	6,066,211	700,136	194,728	5,944	78,053	24,511

# STATISTICS, BY COUNTIES.

825

FARM PRODUCTS, BY PRINCIPAL CLASSES, 1909, BY COUNTIES—Continued.

PACIFIC—Continued.

VALUE: 1909—continued.										Receipts from sales of animals: 1909	Value of animals slaughtered on farms: 1909
Hay and forage.	All vegetables.	Fruits and nuts.	All other crops.	Live stock products as reported.							
				Total.	Dairy products.	Poultry and eggs.	Honey and wax.	Wool, mohair, and goat hair.			

CALIFORNIA—Continued.

32	\$104,464	\$52,253	\$1,318,731	\$143,204	\$106,719	\$63,203	\$110,974	\$314	\$21,728	\$156,894	\$19,301
33	200,817	21,772	3,872	32,722	144,536	121,255	22,206	308	767	141,717	9,945
34	1,024,075	133,199	2,393,371	87,280	488,344	239,917	183,490	62,337	2,690	328,638	26,430
35	786,230	509,231	2,265,090	920,266	687,202	396,539	249,821	5,393	35,449	462,442	93,021
36	963,249	34,425	281,891	193,522	410,962	160,426	225,891	5,671	18,974	570,893	31,311
37	932,249	107,283	5,357,098	328,139	412,615	100,151	228,998	23,466	195	170,023	20,300
38	1,110,127	174,869	941,767	175,537	921,954	474,779	357,579	89,401	4	579,309	44,457
39	1,460	190,965	920	130,581	284,613	158,014	126,595	6,685	4	6,685	1,413
40	1,793,286	2,149,300	1,307,448	623,439	856,904	498,808	337,417	6,565	14,114	719,580	81,272
41	681,886	141,685	155,094	633,879	1,001,951	754,465	243,244	11,374	52,868	1,165,961	122,647
42	361,266	450,470	73,272	241,145	639,443	555,332	82,139	810	1,162	185,667	31,395
43	771,922	244,205	538,465	1,428,679	580,221	394,516	151,719	16,678	26,308	962,245	19,381
44	1,587,494	450,065	4,234,874	525,815	1,140,179	719,593	410,877	6,203	3,586	578,250	29,832
45	327,572	164,518	1,656,212	165,773	376,083	184,830	188,542	1,207	1,444	224,682	41,073
46	410,532	85,381	248,442	120,609	156,314	55,829	73,767	1,013	25,705	420,691	58,606
47	180,874	12,360	7,618	7,524	78,884	62,936	11,788	220	3,940	186,928	9,119
48	851,817	130,817	41,170	77,278	342,741	218,209	93,177	8,317	23,038	1,655,950	149,915
49	572,822	84,337	1,495,713	124,613	678,570	388,472	128,295	491	161,312	594,201	49,443
50	1,170,006	185,749	2,034,805	1,008,925	4,026,283	911,873	3,038,518	941	74,951	427,511	44,767
51	1,424,220	181,282	207,508	70,461	1,482,521	1,216,976	237,685	5,160	22,700	905,659	53,702
52	410,331	57,368	470,085	213,635	524,219	241,332	167,240	4,909	110,738	663,534	24,290
53	376,843	40,108	428,108	128,034	580,894	80,839	119,168	1,198	349,689	542,031	50,397
54	167,713	58,211	11,874	19,153	32,868	14,812	15,957	207	1,862	78,486	15,686
55	1,362,609	192,030	2,053,606	303,074	1,361,742	983,432	325,658	17,434	35,218	1,705,826	92,823
56	167,810	30,885	31,044	44,304	63,608	25,276	36,457	879	996	126,632	9,450
57	931,688	61,878	1,795,606	3,614,633	346,563	97,762	124,710	109,785	14,306	727,063	28,076
58	984,115	120,859	677,089	454,167	613,192	396,490	131,892	8,313	76,497	793,295	54,907
59	214,158	38,083	73,358	239,809	161,252	43,454	66,938	83	45,777	306,722	17,191



**EXPLANATION.**

The following example will illustrate the manner of reading the chart. To find the rainfall of Texas:

Beginning with the extreme eastern portion of the coast, it will be found that a line marked 50 inches curves northward into Louisiana, and thence northwestward to the southwest corner of Arkansas. Directly east of this line is another line marked 55 inches. The average annual rainfall between the two lines ranges, therefore, between 50 and 55 inches, and the only portion of the State of Texas having an annual precipitation of 50 inches and over is found directly east of the line first mentioned.

West of this line the precipitation diminishes, from east to west, regularly at first, as indicated by the various lines marked "45," "40," "35," etc., but after the line of 20 inches is reached the distribution becomes somewhat irregular, and finally is reduced to about 10 inches in the extreme western part of the State.

The amount of rain that falls in dry years ranges from 50 to 60 per cent of the normal; in very wet years the fall may be 140 to 160 per cent of the normal.

**NORMAL ANNUAL PRECIPITATION**  
IN  
**THE UNITED STATES**  
1870-1901

PREPARED IN THE  
**DEPARTMENT OF AGRICULTURE**  
**UNITED STATES WEATHER BUREAU**

Scale 0 100 200 300 400 500 600 Miles

## CHAPTER XI.

### IRRIGATION.

#### INTRODUCTION.

An amendment to the Thirteenth Census act, approved February 25, 1910, contained the following clause relating to irrigation:

Inquiries shall also be made as to the location and character of irrigation enterprises, quantity of land irrigated in the arid region of the United States and in each state and county in that section under state and Federal laws; the price at which these lands, including water rights, are obtainable; the character and value of crops produced on irrigated lands, the amount of water used per acre for said irrigation, and whether it was obtainable from national, state, or private works; the location of the various projects and methods of construction, with facts as to their physical condition; the amount of capital invested in such irrigation works.

The law relating to the special irrigation census quoted above provided that the inquiry should cover the "arid region of the United States." For the purposes of this report the "arid region" has been held to include all sections of the United States where irrigation is commonly practiced in the growing of farm crops.

As defined in this way, the "arid region" includes the western parts of the tier of states formed by the Dakotas, Nebraska, Kansas, Oklahoma, and Texas, and all of the states between these and the Pacific Ocean. In parts of this great territory there is abundant rainfall, but in each of the states comprised in it there are considerable sections, and in some very extensive areas, where farming is largely dependent upon irrigation.

The special inquiry was also extended to the rice-growing districts of Louisiana, Texas, and Arkansas, the statistics for which are presented separately in this report.

Throughout the eastern part of the United States irrigation is practiced to a limited extent in connection with market gardening and the growing of fruits

and other special crops, but the special inquiry was not extended to this part of the country, and the replies to an inquiry relating to irrigation contained on the general farm schedules were not of sufficient value for this part of the country to justify treatment in this report.

Irrigation is practiced to some extent in Porto Rico, Hawaii, and the Philippine Islands also, but the insular possessions were not included in the present inquiry.

The information called for by this law which could be supplied by farm operators was obtained on supplemental schedules by the regular census enumerators as a part of the agricultural census. The remaining data, which were supplied by the owners or officials of irrigation enterprises, were obtained on special schedules by special agents. The data relating to crops presented here were taken from the supplemental schedules filled out by the enumerators. With the exception of the statistics as to the number of farms irrigated, which were obtained as explained on page 829, all the other data presented here were taken from the special schedules.

As the Office of Experiment Stations of the United States Department of Agriculture in its division for irrigation investigations employs a corps of state irrigation agents, an arrangement was made by which these agents cooperated in the supervision in their respective states of the work of the special agents of the Bureau of the Census in collecting statistics of irrigation.

The results of this census summarized in this chapter and in the Abstract of the Thirteenth Census are given in detail by counties for the several states in the state reports contained in Volumes VI and VII.

#### THE FIELD FOR IRRIGATION IN THE UNITED STATES.

The factors determining the necessity for irrigation are the amount and the seasonal distribution of the rainfall. For many years a 20-inch annual precipitation was supposed to mark approximately the dividing line between the sections in which irrigation was necessary to the maturing of crops and those in which it was not necessary. Owing to the great progress of what is called "dry farming," however, the recognized limit of precipitation required for the maturing of crops has been considerably lowered during the last

few years, or it may be more correct to say that no limit is now recognized. Undoubtedly crops have been successfully matured where the annual precipitation is much less than 20 inches, and crops have failed where it is much over that figure, but in a general way the lines on the accompanying map marking an annual precipitation of 20 inches form the boundaries between the sections where irrigation is commonly practiced and those where it is not. (See reproduction of United States Weather Bureau map.)

In the Great Plains region, the line of 20-inch rainfall, as will be seen by reference to the map, approximates the one hundred and first meridian of west longitude from the southern boundary of South Dakota to the Rio Grande, and through the Dakotas bears to the east. The eastern border of the irrigated region departs from this rainfall line at its northern and southern extremities, extending down the Rio Grande to its mouth, or to about the ninety-eighth meridian in the south, and receding westward to about the one hundred and third meridian in the north.

In California the line of 20-inch rainfall starts from the coast a little below San Francisco and runs almost directly north to a point well up in the Sacramento Valley, and from there crosses that valley and extends southeasterly along the foothills of the Sierras to about the latitude of Fresno. The line marks almost exactly the present northern extension of the area where irrigation is practiced on a considerable scale.

In Oregon and Washington the line follows the eastern foothills of the Cascade Mountains to the southern part of Oregon where it bears to the west, marking here also the present extension of irrigation. Again, in eastern Washington, northern Idaho, and western Montana a line of 20-inch rainfall extends in a loop from the Canadian boundary, cutting out quite accurately a section where irrigation is not commonly practiced.

Unless great precision is desired, therefore, the line of 20-inch rainfall may be taken as limiting the sections of the United States where irrigation is commonly practiced. This line indicates the normal annual precipitation, which means that in some years the precipitation is much below 20 inches and in some years much above it, the wet years and the dry years usually coming in groups. Thus on the Great Plains in some years crops suffer for lack of water as far east as the eastern boundary of the Dakotas, Nebraska, and Kansas, while in other years crops can be successfully grown without irrigation as far west as the base of the Rocky Mountains. This variation in the amount of rainfall has made the settlement of the Plains extremely difficult. With a series of wet years settlement advances, and with a series of dry years it recedes. The hope of continued rainfall prevents the construction of irrigation works in many sections and has caused the financial failure of such enterprises as have been undertaken, while the lack of an assured water supply has often brought about the failure of settlers. Probably both the settlers and the builders of irrigation works would succeed if they could give up the hope of changed climatic conditions and work together to maintain and utilize their irrigation works and water supply.

While the line of 20-inch rainfall is the boundary of the region where irrigation is commonly practiced, there are throughout the arid region small sections where many crops are grown without irrigation, and large sections where grain crops are grown regularly in that way. According to the census returns every state in this region, except Arizona and Nevada, has large areas of grain grown without irrigation. On the other hand, within the sections having a precipitation of 20 inches or more, there are many places where crops are watered. The most notable instances of such irrigation are afforded by the rice-growing sections of Louisiana, Texas, and Arkansas. Rice is grown extensively in three quite distinct sections within the states named—along the Gulf coast from Vermilion Bay in Louisiana to Lavaca Bay in Texas, and extending from 25 to 100 miles inland; along the Mississippi River throughout the state of Louisiana; and on the prairie lands in the east central part of Arkansas between the Arkansas and Mississippi Rivers. Small areas of rice are irrigated in the Carolinas, and Georgia, and also in Mississippi. Physical conditions are favorable to a large extension of rice growing, the essentials being level land with a nearly impervious subsoil, an abundant supply of water which can be placed on the land at a moderate expense, and a warm climate. During the past few years, however, rice growing has not been very profitable. The lack of a demand for rice at prices attractive to the grower has been the factor limiting the extension of rice growing rather than the lack of suitable land or a water supply.

At many points throughout the eastern half of the United States small areas of truck and fruit crops are irrigated, and in a few scattered localities in the East other crops are watered. Within this section the necessity for irrigation does not arise from a deficiency in the annual precipitation, but from the uneven distribution of the rainfall. Truck and small fruit crops have short growing seasons, and even a brief period of drought at a critical stage may ruin such a crop. Throughout most of this section the supply of water for irrigation is abundant, and the question to be considered is whether the benefits resulting from irrigation will be sufficient to justify the expense of obtaining and applying the water. Since crops are matured without the use of water with sufficient regularity to allow farmers to succeed, irrigation can not be said to be necessary, but it will undoubtedly help some crops in most years and most crops in some years. The question of its desirability is a matter to be settled locally in each particular case. It is probable that in the future a considerable extension of the irrigated acreage in the East will take place.

## SUMMARY.

**Arid region.**—Table 1 summarizes the principal data for the arid region as a whole as returned at the census of 1910, and includes corresponding statistics for the preceding census as far as available. Unless otherwise indicated the figures relate to the year in which the census was taken. In the reports of the censuses of 1900 and 1890 the totals for the arid region are exclusive of data relating to irrigation on Indian reservations, but for the later census such statistics are included. Since the acreage which was irrigated on Indian reservations in 1909 was only 172,912, or 1.3 per cent of the total acreage reported as irrigated, it has not been deemed advisable to eliminate the figures for Indian reservations in making comparisons between the different censuses. The general agricultural statistics given in the table for purposes of comparison cover the entire areas of the states included in the arid region, as defined on page 828, although in some of the states the territory which requires no irrigation greatly exceeds the irrigated territory.

The "number of farms irrigated," as given in the tables of this report, represents the number of farms on which irrigation was practiced, regardless of the extent of such irrigation, and is equivalent to the term "number of irrigators" used in previous census reports. The number given for 1909 is made up of the number reported on the supplemental agricultural schedules by

the regular enumerators, together with an estimate of the number of farms served by enterprises which were reported by special agents but not by the regular enumerators. The reports of the special agents stated only the acreage supplied by such enterprises, and the number of farms was estimated on the basis of the average acreage irrigated per farm, as shown by the supplemental schedules.

The acreage irrigated in 1909, as shown in the table, is that reported by the special agents from information secured from owners or officials of irrigation enterprises or, in some instances, from public records. This acreage is probably in some measure an overstatement. There is a natural tendency for the officials of irrigation enterprises to report as irrigated the entire area of farms of which only a part is irrigated. Furthermore, some farms receive water from more than one enterprise, and may be reported as irrigated by each, which results in duplication. It is believed, however, that the acreage given is within 10 per cent of the correct figure.

In addition to information as to the acreage irrigated in 1909 data were collected as to the acreage the enterprises were capable of supplying with water in 1910 and the total acreage which enterprises completed or under way in 1910 were designed to supply ultimately (designated as "acreage included in projects").

Table 1	CENSUS OF—		INCREASE. <sup>1</sup>	
	1910	1900	Amount.	Per cent.
Number of farms <sup>2</sup> .....	1, 440, 822	1, 095, 675	345, 147	31. 5
Approximate land area <sup>2</sup> ..... acres..	1, 161, 385, 600	1, 161, 686, 400	<sup>3</sup> -300, 800	( <sup>3</sup> )
Land in farms <sup>2</sup> ..... acres..	388, 606, 991	348, 780, 221	39, 826, 770	11. 4
Improved land in farms <sup>2</sup> ..... acres..	173, 433, 957	119, 709, 592	53, 724, 365	44. 9
Number of farms irrigated.....	<sup>4</sup> 158, 713	<sup>5</sup> 107, 439	51, 274	47. 7
Acreage irrigated.....	<sup>4</sup> 13, 738, 485	<sup>5</sup> 7, 518, 527	6, 219, 958	82. 7
Acreage enterprises were capable of irrigating in 1910.....	19, 334, 697	( <sup>6</sup> )		
Acreage included in projects.....	31, 111, 142	( <sup>6</sup> )		
Number of enterprises.....	54, 700	( <sup>6</sup> )		
Total length of ditches..... miles..	125, 591	( <sup>6</sup> )		
Length of main ditches..... miles..	87, 529	( <sup>6</sup> )		
Length of lateral ditches..... miles..	38, 062	( <sup>6</sup> )		
Number of reservoirs.....	6, 812	( <sup>6</sup> )		
Capacity of reservoirs..... acre-feet..	12, 581, 129	( <sup>6</sup> )		
Number of flowing wells.....	5, 070	( <sup>6</sup> )		
Number of pumped wells.....	14, 558	( <sup>6</sup> )		
Number of pumping plants.....	13, 906	( <sup>6</sup> )		
Capacity of power plants..... horsepower..	243, 435	( <sup>6</sup> )		
Acreage irrigated with pumped water.....	<sup>4</sup> 477, 625	( <sup>6</sup> )		
Acreage irrigated from flowing wells.....	<sup>4</sup> 144, 400	( <sup>6</sup> )		
Cost of irrigation enterprises.....	<sup>7</sup> \$307, 866, 369	<sup>8</sup> \$66, 962, 275	\$240, 904, 094	359. 8
Average cost per acre.....	<sup>9</sup> \$15. 92	<sup>10</sup> \$8. 91	( <sup>11</sup> )	
Average cost of operation and maintenance, per acre.....	<sup>4</sup> \$1. 07	<sup>5</sup> \$0. 38	\$0. 69	181. 6

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

<sup>2</sup> Figures relate to entire areas of states in the arid region, the figures for 1900 including Indian Territory.

<sup>3</sup> Decrease, amounting to one-tenth of 1 per cent, due to the building of the Roosevelt and Laguna reservoirs and the overflow of the Colorado River into the Salton Sea in California.

<sup>4</sup> In 1909.

<sup>5</sup> In 1899.

<sup>6</sup> Not reported.

<sup>7</sup> Cost to July 1, 1910.

<sup>8</sup> Cost of systems operated in 1899.

<sup>9</sup> Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.

<sup>10</sup> Based on cost of systems operated in 1899 and acreage irrigated in 1899.

<sup>11</sup> Figures not comparable. (See explanation in text, p. 852.)

The number of farms on which irrigation was practiced, for purposes other than rice growing, in 1909 in the states of the arid region was 158,713, or 11 per cent of the total number of farms in the same states. While the total number of farms in this region, including the entire area of states in which irrigation is practiced only in the western part, increased 31.5 per cent between 1900 and 1910, the number of farms on which irrigation was practiced increased 47.7 per cent between 1899 and 1909, the irrigated farms forming a larger percentage of all farms in 1909 than in 1899.

The acreage reported as irrigated in 1909 was 13,738,485, which constituted 1.2 per cent of the total land area of the same states, 3.5 per cent of the total land in farms, and 7.9 per cent of the improved land in farms. There was an increase of 82.7 per cent in such acreage between 1899 and 1909, a rate of increase much higher than that in the number of farms irrigated, the average irrigated acreage per farm being greater for 1909 than for 1899.

The acreage to which enterprises were ready to supply water in 1910 was 19,334,697, or 5,596,212 acres in excess of the acreage irrigated in 1909, while the acreage included in 1910 in all projects, whether completed or in process of development, was 31,111,142, or 17,372,657 acres greater than the acreage reported as irrigated in 1909. Maps of the states, showing the approximate location and extent of the lands included in irrigation projects, are grouped at the end of this chapter.

The total length of ditches used for irrigation in 1910 was 125,591 miles. There were 6,812 reservoirs having a combined capacity of 12,581,129 acre-feet, or nearly 1 acre-foot of reservoir capacity for each acre irrigated from any source in 1909. The number of pumping plants reported was 13,906 and the acreage supplied by them 477,625.

The total cost of irrigation enterprises to July 1, 1910, was \$307,866,000, or \$15.92 per acre of the land which these enterprises were capable of supplying with water in 1910. The total cost of irrigation enterprises increased between 1900 and 1910 by 359.8 per cent, and the average cost per acre covered increased also, although much less in degree. (As to the comparability of the figures for this item, however, see the discussion of this subject preceding Table 23.) The average cost of operation and maintenance per acre of land irrigated for the year 1909 shows also a large increase—181.6 per cent—over the cost shown for 1899. It is believed, however, that the cost shown for 1899 is not strictly comparable with that for 1909.

One of the most significant facts brought out by the special census of irrigation was the existence of very large areas not yet irrigated for which works were already built or were under construction.

As already stated, the acreage which enterprises were reported as capable of irrigating in 1910 was more than 5,500,000 acres in excess of the acreage

irrigated in 1909, while the entire increase in acreage irrigated from 1899 to 1909 was only a little more than 6,000,000 acres. In other words, the average annual increase in irrigated acreage for the 10 years preceding 1909 could be continued for almost another decade without the construction of additional works. Furthermore, the fact that the acreage included in all enterprises either completed or under construction in 1910 was more than 17,000,000 acres in excess of the acreage irrigated in 1909, would indicate that a yearly increase equal to the average annual increase for the decade 1899-1909 could be made in the amount of irrigated acreage for almost 30 years without the undertaking of new enterprises. Although many of these enterprises will undoubtedly prove incapable of supplying the entire acreage which is included in their plans, and the figures can not be taken as an exact measure of the areas for which a water supply is being made available, there is probably sufficient ground for stating that the yearly increase in the irrigated acreage shown for the period 1899-1909 could continue for at least another decade through the completion of the enterprises under way in 1910 and without new undertakings. In the United States it usually takes at least 20 years to bring a large irrigation enterprise into complete utilization, and in any time of normal progress there will always be a large area not yet irrigated under enterprises which are not fully developed. A large but not definitely known part of the unirrigated land is in farms which have been taken up and settled on, but which are only partially cultivated or irrigated, and hence only part of the unirrigated land is open to settlement in the sense of being outside of farms. As many such farms, however, will undoubtedly be subdivided, part of the land included in them should be considered as available for settlement. The census figures seem to indicate that the construction of irrigation works has exceeded to some extent the effective demand for irrigated land, and that there should be and will be a check in the initiating of new enterprises while those already undertaken are being more fully utilized.

The cost of irrigation enterprises in the arid region shows a larger increase since the census of 1900 than any other item included in the special census of irrigation, the figure for the cost up to July 1, 1910, being more than four times as great as the cost of enterprises operated in 1899. The average cost per acre was also greater, though to a less marked degree, at the later than at the earlier census. This increased cost is due in part to a better type of construction, in part to the irrigation of land more remote from the sources of supply and more difficult of access, and in part to higher prices for materials and labor. Such increased cost imposes an added burden on the land, which must eventually repay the cost of the works which supply it with water, and this condition will tend to retard the settlement of the land under new enterprises. This is an added reason for believing



that the next few years will be devoted to extending agricultural development under existing enterprises rather than to the building of additional works.

The increased cost of a water supply necessitates a higher type of agriculture, if farming is to be profitable, and indications of such a change are afforded by the returns. For every crop for which yields on irrigated land were reported both at the present census and the one preceding, the average yields per acre reported at the present census were the greater, and a shifting to the more valuable crops (see p. 857) is also evident, so that the value of all irrigated crops per acre was considerably higher in 1909 than in 1899, aside from the general rise in prices. The rate of increase in the average value per acre of crops grown under irrigation was, however, less than the rate of increase in the average cost of the water supply per acre. Since the crops grown on the land irrigated must eventually repay the cost of the water supply if it is repaid, there would seem, therefore, to be need of still further improvement in crop returns to meet the increased cost of obtaining the water.

Another effect of the increased cost of a water supply is to limit the class of persons to be drawn upon as settlers for new lands brought under irrigation. Persons with little or no capital, who might have settled on irrigated lands under the old conditions, can not do so under the new conditions, and the opportunity of settling such lands is practically limited to the well-to-do, unless some plan is devised to extend the time of payment over a long series of years, and perhaps extend some help to settlers during their first few years on the land.

A significant feature of the returns of the census of 1910 is the large increase in the acreage supplied with water from wells.<sup>1</sup> The exhaustion of the summer flow of streams and the increasing cost of water from these sources has given a decided impetus to the use of underground water. Underground water is of very general occurrence, but until recent years the high cost of sinking wells and of pumping, together with the low cost of obtaining water by gravity diversion from streams, has prevented the utilization of the underground supplies. It is to be expected that this source will be still more largely used in the future.

The reservoirs reported had a capacity of nearly 1 acre-foot for each acre irrigated in 1909. Previous census reports give no statistics as to number and capacity of reservoirs, but most of the large reservoirs have been built since the date of the last census, the most noted ones being those of the United States Reclamation Service. With the exhaustion of the summer flow of streams the extension of the irrigated area is becoming largely dependent upon the storage of the flood and winter flow of streams. Sufficient storage capacity for the unused flood waters has been

provided on only a few of the streams of the arid region, and this is the most promising field for future expansion. The storage of water means not only the irrigation of more land, but also the growing of more valuable crops on land already irrigated, since dependence on the normal flow of streams limits the crops that can be raised on the larger part of the irrigated lands to those with short growing seasons which coincide with the flood period in streams, and crops of this class are as a rule less valuable than those with longer growing seasons.

The average quantity of water provided for the irrigation of land during the irrigating season of 1909, as shown by the returns, was 4.8 acre-feet per acre, or enough to have covered the land irrigated to a depth of 4.8 feet. This, however, represents the quantity provided at the heads of the ditches, a considerable part of which is lost in conveyance and wasted. Measurements reported by other departments<sup>2</sup> indicate that not more than 50 per cent of the water entering canals is actually delivered to the fields for use. The prevention of these wastes and the practice of economy in the use of the water offer a large field for increasing the available water supply and extending the irrigated acreage. Under few canals, if any, is all of the arable land irrigated, so that the utilization of the water now lost or wasted would not require large extensions of existing works. It would, however, require the lining of ditches and the installation of pipe lines, which would cost perhaps as much as the original construction of the ditches now in use.

A new feature in the law providing for the special census of irrigation is the requirement of information as to the agencies through which the irrigated lands of the West were brought under irrigation. The data on this point are given in Table 15 and are summarized in Table 16. These tables show that up to 1910 the Federal laws for promoting irrigation development—the Carey Act and the reclamation act—had produced very little effect as measured by land actually irrigated, enterprises under both having together supplied water to only 5 per cent of the land irrigated in 1909. This figure does not, however, correctly measure the effect of these laws, as many large projects under both were in course of construction when the census was taken. Together, enterprises of these classes comprised 9.7 per cent of the acreage which all enterprises were capable of supplying with water in 1910, and 14.6 per cent of the acreage included in all projects whether completed or under construction.

While the Carey Act has been on the statute books since 1894, it was not made use of to any considerable extent until within the last few years, and many large projects are not yet completed. The reclamation act has been in force since 1902 only, and none of the large projects undertaken under this law was com-

<sup>1</sup> The acreage reported as supplied with water from wells was, in 1899, 178,200; and in 1909, 451,896.

<sup>2</sup> See *Losses of Irrigation Water and Their Prevention*, by R. P. Teele, Annual Report of Office of Experiment Stations, 1907, p. 369.

pleted in 1910. Consequently the returns of the Thirteenth Census give little foundation for an opinion as to the value of these laws in promoting irrigation development. It seems probable that a constantly increasing proportion of the new irrigation development will be under large projects, such as are built in accordance with these acts, and that these laws will have a greater influence on development in the future than they have had in the past. Since the Carey Act applies to public land only, the field for its operation is constantly becoming narrower. The reclamation act, on the other hand, applies to both private and public land, and its future operations will not be subject to the limitations affecting the Carey Act. The two laws are discussed at greater length on pages 838 and 839.

Under the state irrigation district laws, of which some have been in force for many years and others are of quite recent date, 3.8 per cent of the land irrigated in 1909 was supplied with water from irrigation districts. As some of the existing districts were organized for the purpose of taking over irrigation works already constructed and in use, the district laws can not be credited with having brought under irrigation all the land now supplied by districts. For the reason that districts are organized to obtain funds for the construction or purchase of works and rights by the sale of bonds which are liens upon the land to be irrigated, this form of organization is not well fitted for the reclaiming of new lands, since the lands themselves, without the water supply, have little value and are not good security for the bonds. Furthermore, neither Federal nor state land can be included in districts, as the districts rely upon taxing the land in them to pay interest and other costs and such land is not subject to taxation. This limits the field for irrigation districts considerably, since there are few large undeveloped tracts of land in the West which do not contain more or less Federal or state land. The irrigation district laws have, however, proved useful in enabling water users to take over and improve works already supplying their lands with water. In such cases the lands are already settled and largely under cultivation, affording ample security for bonds covering the cost of the works. For the reason given it seems likely that the district laws will not be utilized in the future to any greater extent than in the past for supplying water to new land, but that irrigation districts will as heretofore be organized largely for securing control of works already built and raising funds for the improvement of such works or for obtaining additional supplies of water. Further information as to the laws relating to irrigation districts is given on page 841.

Practically four-fifths of the land irrigated in 1909 (79.3 per cent) was supplied by cooperative and individual and partnership enterprises, which operate under the general laws of the Western states. The

opportunities for the reclaiming of new lands by these comparatively small enterprises are constantly becoming fewer, although many such opportunities still exist. It seems probable that enterprises of these classes will supply water to a smaller proportion of the irrigated land in the future, except as enterprises undertaken under the Carey and reclamation acts and by commercial concerns are turned over to cooperative companies composed of the water users. There is still considerable opportunity for individual, partnership, and cooperative effort in pumping water from underground sources, so that enterprises of these classes may make enough progress in the installation of pumping plants to offset the probable decline in the extent to which they provide new works for diverting water from streams. The cooperative company seems likely to continue to be the almost universal form of organization for controlling completed works.

Commercial enterprises, which furnish water for irrigation for a compensation, supplied 10.6 per cent of the land irrigated in 1909. As a rule enterprises of this type are not large, and there are still many opportunities for this class of development for furnishing small supplies of water for lands adapted to special crops. Such enterprises are constantly being reorganized into cooperative enterprises and irrigation districts, but new ones are as constantly formed, since this type of enterprise is peculiarly adapted to reclaiming new lands on a comparatively small scale, being free from all the restrictions which apply to the various types of public enterprises.

**Irrigation for rice growing.**—The special inquiry into irrigation for rice growing was confined to the rice-growing districts of Arkansas, Louisiana, and Texas. The data collected, except those relating to crops, are summarized in Table 2, and comparisons for the few items that were reported also at the census of 1900 are given in Table 3.

The figures for number of farms reporting irrigation for rice growing and acreage irrigated secured at the census of 1910 relate to the year 1909; all other data for that census relate to the year 1910. The report of the agricultural census of 1910 shows that 95.5 per cent of the entire acreage of rice harvested in 1909 was in the three states included in the special inquiry, and that there was a marked decrease between 1899 and 1909 in the acreage of rice harvested in all the other states. The figures relating to irrigation given in the table for the census of 1910 cover, therefore, by far the greater part of the area where rice was grown in the United States in 1909.

The total acreage irrigated for rice growing in the three states in 1909 was 694,800, of which 54.7 per cent was in Louisiana, 41.3 per cent in Texas, and 4 per cent in Arkansas. The enterprises which were completed or under way in 1910 were reported as capable of irrigating 950,706 acres in that year and of serving ultimately a total of 1,134,322 acres.

The total cost of irrigation enterprises to July 1, 1910, was \$13,588,000, or an average of \$14.29 per acre for the land to which they were capable of supplying water in 1910. Upon the basis of the acreage irrigated in 1909, the average cost per acre was \$19.56. The estimated total cost of enterprises completed or under way in 1910 was \$13,668,000, or \$12.05 per acre for the land included in these enterprises. From these figures it appears that the works for supplying water for rice irrigation which were under construction in 1910 were relatively insignificant.

	Total for specified states.	Louisiana.	Texas.	Arkansas.
Number of farms reporting irrigation for rice growing.....	4,010	2,690	1,088	232
Acreage irrigated for rice growing.....	694,800	380,200	286,847	27,753
Acreage enterprises were capable of irrigating in 1910.....	950,706	553,220	350,350	47,136
Acreage included in projects.....	1,134,322	581,965	499,474	52,883
Number of enterprises.....	2,158	1,237	611	310
Total length of ditches.....miles..	2,339	1,168	1,040	131
Length of main ditches.....miles..	1,398	729	538	131
Length of lateral ditches.....miles..	941	439	502	.....
Reservoirs:				
Number.....	144	104	21	19
Capacity.....acre-feet..	21,795	19,482	2,310	3
Flowing wells:				
Number.....	1	.....	.....	.....
Capacity.....gals. per min..	80	.....	80	.....
Pumped wells:				
Number.....	1,413	606	500	307
Capacity.....gals. per min..	1,822,560	1,108,236	445,495	268,829
Pumping plants:				
Number.....	1,897	1,007	575	315
Capacity of power plants, horse-power.....	118,045	57,426	48,179	12,440
Capacity of pumps, gals. per min..	9,407,955	5,064,173	3,907,380	436,402
Cost of irrigation enterprises to July 1, 1910.....	\$13,587,639	\$6,859,166	\$6,140,639	\$587,834
Average cost per acre <sup>1</sup> .....	\$14.29	\$12.40	\$17.53	\$12.47
Estimated final cost of existing enterprises.....	\$13,667,639	\$6,914,166	\$6,140,639	\$612,834
Average cost per acre <sup>2</sup> .....	\$12.05	\$11.88	\$12.29	\$11.59

<sup>1</sup> Based on acreage enterprises were capable of irrigating in 1910.  
<sup>2</sup> Based on acreage included in projects.

In the report on irrigation for the Twelfth Census no information relating to the irrigation of rice in Arkansas is given, because the rice-growing industry in that state was insignificant in 1900. In Table 3 comparisons are made for Louisiana and Texas for the few items that were reported at both censuses. The figures for the Twelfth Census relate to the year 1899.

In Louisiana considerable increases have taken place since the census of 1900 in all the items shown in the table except number of farms. The large decrease in the number of farms reporting the irrigation of rice is probably due to the abandonment of rice growing

on farms where only a small acreage was planted, and an extension of the industry in sections where rice is grown on a larger scale. In Texas almost the entire development has taken place since 1899.

	LOUISIANA.			TEXAS.		
	Census of—		Per cent of increase <sup>1</sup>	Census of—		Per cent of increase.
	1910	1900		1910	1900	
Farms reporting irrigation for rice growing ..	2,690	4,531	-40.6	1,088	73	(?)
Acreage irrigated.....	380,200	201,685	88.5	286,847	8,700	3,187.1
Enterprises.....number..	1,237	506	107.6	611	(?)	.....
Length of main ditches (miles).....	729	398	88.9	538	(?)	.....
Cost of irrigation enterprises <sup>4</sup> .....	\$6,859,166	\$2,529,319	171.2	\$6,140,639	\$322,000	1,807.0
Average cost per acre.....	<sup>5</sup> \$12.40	<sup>7</sup> \$12.54	( <sup>6</sup> )	<sup>6</sup> \$17.53	<sup>7</sup> \$37.01	( <sup>6</sup> )

<sup>1</sup> A minus sign (-) denotes decrease.  
<sup>2</sup> Per cent not calculated when base is less than 100.  
<sup>3</sup> Not reported.  
<sup>4</sup> Figures for census of 1910 represent cost to July 1, 1910; those for census of 1900 represent cost of systems operated in 1899.  
<sup>5</sup> Estimated.  
<sup>6</sup> Based on acreage enterprises were capable of irrigating in 1910.  
<sup>7</sup> Based on acreage irrigated in 1899.  
<sup>8</sup> Figures not comparable. (See explanation in text, p. 832.)

As the figures for average cost of irrigation enterprises per acre at the two censuses are not computed on the same basis, they are not comparable.

Although the crop returns for irrigated rice are not complete, they are sufficiently so to afford reliable averages of the yield and value per acre. These are shown in Table 4.

STATE.	RICE GROWN ON IRRIGATED LAND IN 1909.	
	Average yield per acre (bushels).	Average value per acre.
Louisiana.....	34.6	\$25.70
Texas.....	38.7	28.54
Arkansas.....	45.9	41.66

Continuous cropping in rice exhausts the soil, and the districts of Louisiana, where the land has been used for a longer time than in other sections, show the lowest average yield, while Arkansas, where the growing of rice is of comparatively recent date, shows the highest average yield.

THE ARID REGION.

HISTORICAL DEVELOPMENT OF IRRIGATION.

Within the territory now comprising the arid region of the United States irrigation has been practiced to a limited extent from prehistoric times. When the Spanish explorers entered the territory now forming the states of New Mexico and Arizona, they came across the remains of ancient aqueducts and found the natives watering their crops. The Spaniards who settled in this territory continued and extended this practice, as the country was uninhabitable without it. The area

irrigated was very limited, however, being confined principally to the pueblos of the Indians and the missions of the Catholic fathers, until about the middle of the nineteenth century, when American settlers began to come into the West from the East and North.

The beginning of irrigation in the United States by Americans is usually attributed to Brigham Young and the Mormon pioneers who settled in the Salt Lake Valley in 1847. The fact is that in many parts of the West irrigation was necessary for obtaining subsistence

and wherever permanent settlements were made, whether in the Southwest, in southern California, or in Utah, the settlers soon began applying water to the soil for the production of crops. The settlement of the Mormons in Utah and the discovery of gold in California occurred at about the same time, and both the Mormon farmers and the California miners were compelled to use irrigation in order to subsist.

During his life Brigham Young insisted that the Mormon people should make agriculture their chief industry, but outside of Utah irrigation, although practiced throughout the West, continued to be for some years incidental to mining or stock raising. From these small beginnings irrigation gradually spread. In 1870 the first colony of any considerable size depending on irrigated agriculture, aside from the Mormon colony, was founded at Greeley, Colo., under the patronage of Horace Greeley.

The first great "boom" in irrigation construction occurred in the late eighties and early nineties, when many large enterprises were undertaken by promoters who hoped to profit by the great increase in land values created by irrigation. Few of these undertakings were successful financially. This boom in irrigation construction was followed by a long period of depression, lasting until 1902 or 1903, during which little construction took place.

In this period of inactivity Congress passed the Carey Act, August 18, 1894, with a view to overcoming what seemed to some to be the principal difficulty—the inability of the builders of irrigation works to secure control over the public lands to be served by the works and to compel these lands to contribute to the cost of the works. This law granted to each of the states containing arid land 1,000,000 acres of such land on condition that the state provide for its irrigation, while amendments granted additional areas to Idaho and Wyoming. This law was little utilized for a number of years, and, as previously stated, has not up to the present time brought about the actual irrigation of any considerable area relatively to the total acreage irrigated, although it is being made use of to a much larger extent than during the years immediately after its passage.

In 1902 Congress enacted the reclamation law, providing for the construction of irrigation works by the Federal government with the proceeds from the sale of public lands, and at about the same time construction by private enterprises was renewed. This period of activity on the part of Federal and private agencies continued until about 1910, when the United States Reclamation Service had expended its accumulated funds and the failure of several large private enterprises checked the supply of funds to be had for the construction of irrigation works.

The first statistics of irrigated lands in the United States were collected in connection with the census of 1890. Figures for the farms and acreage irrigated in

the arid region, as reported at the censuses of 1890, 1900, and 1910, are given in Table 13 (p. 845) and Table 14 (p. 845). From these figures it appears that during the period from 1889 to 1899 the acreage irrigated in this region increased at the rate of about 389,000 acres per year and during the last decade at the rate of about 622,000 acres per year.

#### CLIMATIC CONDITIONS.

The distinguishing characteristics of the climate of the western part of the United States are the small amount of rainfall, the low humidity, and the large amount of sunshine. As previously stated, the line of 20-inch rainfall marks approximately the eastern boundary of the irrigated section. The western portions of the Dakotas, Nebraska, Kansas, Oklahoma, and Texas fall within a zone receiving an average precipitation of from 15 to 20 inches. The larger parts of Montana, Wyoming, and New Mexico, and about half of Colorado receive an annual precipitation of from 10 to 15 inches, the average being greater in the high mountains. The southern part of Idaho, the eastern part of Arizona, the south central and some of the northern part of Utah, and the eastern parts of Washington and Oregon also fall within this zone. The great central basin between the Rocky Mountains and the Sierra Nevadas, extending from the southern line of Idaho to the Mexican line, with the exception of the drainage basin of the Great Salt Lake, has an average annual rainfall of less than 10 inches. This section includes the valleys of the Green and Grand Rivers in western Colorado and eastern Utah, the valley of the Colorado River in Utah, Arizona, and California, almost the entire state of Nevada, and the southeastern part of California. The lowest precipitation in the United States occurs in southeastern California and southwestern Arizona, where it ranges from 1 to 3 inches per year. The precipitation in the coast counties of southern California is about 15 inches, in the San Joaquin Valley it ranges from 5 to 10 inches, and in the Sacramento Valley from 15 to 30 inches.

In the Plains region and also in the Rocky Mountain districts the rainfall is very favorably distributed for crop production, the larger part occurring during the growing season. In the Great Basin, lying between the Rocky Mountains and the Sierra Nevadas, a larger proportion of the precipitation occurs in the winter and spring months, the summers being dry and hot, though not entirely devoid of rainfall. In Arizona and New Mexico the larger part of the rainfall comes in torrential storms in the summer months, while on the Pacific slope, especially in California, there is an almost entire absence of rain during the summer, followed by a heavy precipitation in the winter.

The relative humidity is low throughout the arid region. Along both coasts of the United States it ranges from 75 to 80 per cent, and in the Great Basin

it ranges from 50 to 65 per cent, while in the southwest—Arizona and New Mexico—it is in the late summer as low as 20 or 30 per cent. The low humidity characterizing the arid region renders the extremes of heat and cold much more endurable than are the same temperatures in regions of greater humidity.

For the United States as a whole, the percentage of sunshine is about 50 per cent. That is, the sun shines for about one-half of the aggregate time between sunrise and sunset in a year. The region of maximum sunshine is in the extreme southwest, where on the average for the year the sun shines at least 70 per cent of the time. For the Rocky Mountain and Great Basin districts an average of about 65 per cent is recorded, with a maximum of 76 per cent at Santa Fe, N. Mex., and a minimum of 56 per cent at Helena, Mont. In the Pacific coast states as a group the average is about 60 per cent, the maximum being 73 per cent at Los Angeles, Cal., and the minimum 41 per cent at Portland, Oreg. Exclusive of Portland, the average for these states is 64, or about the same as that for the Rocky Mountain and Great Basin regions.

The combination of a small amount of rainfall and a large amount of sunshine, while it creates the necessity for irrigation in the arid regions, is in every other way very advantageous for agriculture. Where the necessary moisture is supplied by irrigation, such conditions are the best both for growing and harvesting crops. The farmer can plant, cultivate, and harvest his crops at the proper seasons and times, instead of waiting for weather suited for these operations.

The arid region extends through so many degrees of latitude and the altitude varies to such an extent that there is a very wide range of temperature. One characteristic, however, is common to the whole region, namely, relatively warm days and cool nights.

#### WATER SUPPLY.

**Streams.**—The water supply used for irrigation in the arid region comes principally from streams, 94.1 per cent of the land irrigated in 1909 having been supplied from that source. With few exceptions the streams used for irrigation have their sources in the mountains, and depend for their flow largely upon the melting snows. Because of this fact the prevailing characteristics of their discharge are a flood season in late spring and early summer, when the snow melts from the greater part of the mountain areas, and a low summer flow coming from the melting of the higher snow banks and of glaciers, from seepage from saturated lands, and from underground sources. Illustrating this, a tabulation for 1909 of the flow of 12 of the largest streams draining the Rocky Mountains and the east side of the Cascades shows the aggregate June discharge to have been nearly four times as great as the aggregate August discharge. This ratio is probably representative of the normal discharge of the streams of the arid region as a whole.

In most stream valleys, therefore, there is more water than can be used economically in the flood season and a serious shortage in the late summer. This is the prevailing condition in the arid region, although the late summer flow of some of the larger streams, particularly the Missouri, the Colorado, and the Columbia Rivers, has not been fully utilized as yet. The Missouri River can not be diverted to advantage under present conditions; on the upper reaches of the Colorado there is not much arable land, and on its lower reaches projects are under way which will utilize most of the summer flow; and the Columbia throughout most of its course flows in such a deep channel that its waters must be pumped to the lands to be served. Several undertakings for using the waters of the Columbia are in progress.

In the arid region as a whole, therefore, it is generally true that the extension of irrigation from streams requires the storage of the flood and winter flow of these streams for use in the late summer when the streams are low. On many streams the practice of storage has prevailed for several years and much of the flood water is stored, Table 19 showing a total of 6,812 reservoirs, with a storage capacity of 12,581,129 acre-feet. Some of these reservoirs, notably those of the United States Reclamation Service on the Shoshone and North Platte Rivers in Wyoming, and the Salt River in Arizona, are large enough to store the entire flow of the streams on which they are situated, while others are very small and store only the discharge of a small pump for a few days or a few hours. The entire flow of each of the three streams just named is to be stored in a single large reservoir in the channel of the stream. On the South Platte River and its tributaries, and the Arkansas in Colorado, on the other hand, the flood waters are stored in many small reservoirs outside the stream channels. In the case of still other streams, such as the Snake River in Wyoming and Idaho, the Yakima River in Washington, and the Truckee River in California and Nevada, the flood waters are stored, in part at least, in lakes at the headwaters of the streams.

No complete statement of the supply of water available for irrigation from the surface flow of streams in the arid region can be made, as the measurements made by the United States Geological Survey do not include figures for all the streams, and streams which have been measured are so largely affected by diversions and seepage losses and by inflow from tributaries and seepage that the measured discharge at any point seldom represents the supply available below that point. In a report on the surface water supply of California, 1907-8, by W. B. Clapp and W. F. Martin,<sup>1</sup> after explaining in detail how the water of the Santa Ana River is utilized, the authors make the following statement.

<sup>1</sup> Surface Water Supply of California, U. S. Geological Survey Water Supply Paper, 251, p. 124.

It is thus evident that the same water, in passing from mountain to sea, a distance of not more than 100 miles, may be used at least eight times for power and irrigation. In like manner the water in many of the tributaries may be used several times before reaching the main stream.

Similar observations on the South Platte River in Colorado, reported by the Department of Agriculture,<sup>1</sup> show that in July, 1903, the diversions from that stream were slightly more than four times the visible inflow, and in August the diversions were only slightly less than three times the visible inflow. The excess of the amounts diverted over the visible inflow is attributed entirely to return seepage from irrigated lands, and the measurements reported in the bulletin referred to show that the return seepage was increasing from year to year.

Undoubtedly the conditions just described exist on most of the streams of the arid region. The soil of the stream valleys is filled with water by irrigation, and this water seeps through the soil toward the natural drainage channels and finally appears in the streams as an addition to the surface flow, which can be diverted and used again, to contribute again to return seepage farther downstream. Thus, on a long stream, such as the South Platte, the same water may be used several times before it evaporates or passes out of the region where it is needed for irrigation.

**Storage of storm waters.**—In the arid region very large areas of arable land, especially on the Great Plains, lie beyond the reach of canals from streams, and such land depends for a water supply either upon underground water or the storage of storm water. The land is rolling, and there are many opportunities to make in the depressions reservoirs for holding the water which drains into these depressions during storms. These reservoirs are made by throwing earth dams across drainage channels at points where the topography is such that there will be considerable storage capacity. The water is withdrawn through outlet pipes near the bottoms of the dams and conducted to lands lying at lower levels. The individual reservoirs for the storage of storm waters are small, but in the aggregate they supplied water to nearly 100,000 acres in 1909. This means of providing a water supply is capable of very much greater development than has yet taken place. Since much of the water which might be utilized in this way would reach the streams if not used, such water can not be considered entirely as an addition to the supply from streams. On the Plains, however, where most of the reservoirs of this type are located, most of the storm water, if not held back, would reach the streams too far down to be used for irrigation, so that the water stored is in fact an addition to the previously available supply.

**Ground water.**—Ground water used for irrigation comes from three sources, namely, springs, flowing wells, and pumped wells.

**Springs.**—Springs supplied water to 196,186 acres of land in 1909. They are quite generally distributed over the arid region, the smallest areas irrigated from this source being reported from the states of the Great Plains. It is not likely that there is opportunity for a much larger use of this source of supply, and, obviously, it can not be increased to any considerable extent by human agencies.

**Flowing wells.**—Up to the present time flowing wells have been extensively used in only two of the arid states—California and New Mexico. The total acreage irrigated from this source in 1909 was 144,400 acres, 123,005 acres being in the two states named. The two fields most extensively developed at the census of 1910 were in southern California and in the Pecos Valley, New Mexico. In both of these sections the heavy draft on the underground supply due to the opening of new wells has lowered the water level and many wells which once flowed have ceased to flow and must be pumped if used. This condition indicates that the quantity of water which can be taken from an underground source is as definitely limited as that which can be taken from a stream.

In southern California the owners of wells have come to realize that the underground supply diminishes and have taken steps to replenish it from year to year. In that section the flowing wells are located in the lower levels of the débris cones which have formed at the mouths of the canyons of the streams issuing from the mountains. These streams have heavy floods in the rainy season and in the spring when the snow melts, but there is little opportunity to store the flood water in reservoirs. As these floods flow over the débris cones and a part of the water sinks into the ground and helps to fill the underground reservoirs, the plan adopted for replenishing the underground supply is, to spread the flood waters as widely as possible over the higher parts of the cones in order that a large part of the water may find its way into the earth. Under the peculiar conditions existing in that section, where the source of the water is apparent and the point of use is near by, it is possible to increase to a considerable extent the supply of water from flowing wells. In other artesian basins the source of the water is not known or is not subject to control, except as to the amount of water withdrawn, and the supply can not be increased by human agencies.

The known artesian basins are rather limited in extent. Other basins will undoubtedly be developed from time to time, but judging from the present state of development of such wells and the results of investigations made by the United States Geological Sur-

<sup>1</sup> Water Rights on Interstate Streams, by R. P. Teele and Elwood Mead, Office of Experiment Stations Bulletin, 157, p. 55.

vey, it does not appear probable that flowing wells will provide water for a very large extension of the acreage irrigated.

*Pumped wells.*—Pumped wells ranked next to streams in extent of acreage supplied with water for irrigation in 1909, but they supplied only 307,496 acres, or 2.2 per cent of the total acreage irrigated in that year. Nearly three-fourths (73.7 per cent) of the wells pumped for irrigation and nine-tenths of the acreage irrigated in this way were in California.

The supply of ground water which can be made available for irrigation by pumping is much greater than that which can be obtained from flowing wells, since ground water occurs very generally, while flowing wells are found only under peculiar geological conditions. Up to the present time, at least, the limited use of water from pumped wells has not been due to insufficiency of available water, but to the cost of pumping. The most conspicuous fact brought out by the census of irrigation of 1910 is the increased

cost of obtaining a water supply, which for most of the land irrigated is derived from streams, and it is probable that as the cost of securing water from streams rises the practice of using water pumped from wells will increase.

The use of water for irrigation constantly adds to the available supply of ground water, and in many irrigated sections the water has come so near the surface as to injure crops. In such places this water can be pumped to the surface at small expense for use in irrigating other land, and its removal will at the same time benefit the land from which it is pumped.

For the reason stated it is probable that in the future there will be a very large increase in the acreage irrigated with water pumped from wells, although the supply of water is not unlimited and the increasing draft on this supply will lower its level and increase the cost of pumping in such a way as to prevent the utilization of the entire supply.

#### LEGISLATION RELATING TO IRRIGATION.

The law providing for the taking of the census of irrigation directed that inquiries be made as to the amount of land irrigated in the arid region under Federal and state laws. A brief summary of the Federal and state laws dealing with irrigation is given below, with statements showing what has been accomplished under them.

##### FEDERAL LEGISLATION.

Although the Federal Constitution makes no direct reference to irrigation or to the diversion of water from streams, Article IV, section 3, providing that "Congress shall have the power to dispose of, and make all needful rules and regulations respecting the territory or other property belonging to the United States," has a bearing on irrigation, for the reason that most of the land in the arid region was at one time the property of the United States. The Fifth Amendment, which provides that "no person shall be deprived of life, liberty, or property without due process of law," and that private property shall not be "taken for public use without just compensation," also has a bearing on irrigation, as the laws of most of the arid states designate the use of water for irrigation as a public use and permit the condemning of private property for rights of way.

The first Federal legislation relating directly to irrigation was the act of July 26, 1866. This is quoted in full, because it has been held by the United States Supreme Court that by this act and an amendment approved July 9, 1870, the Federal Government surrendered any control it might have had over the nonnavigable streams of the arid region by reason of being the owner of the lands of that section.<sup>1</sup>

Whenever, by priority of possession, rights to the use of water for mining, agricultural, manufacturing, or other purposes have vested and accrued, and the same are recognized and acknowledged by local customs, laws, and the decisions of courts, the possessors and owners of such vested rights shall be maintained and protected in the same, and the right of way for the construction of ditches and canals for the purpose herein specified is acknowledged and confirmed; whenever any person, in the construction of any ditch or canal, injures or damages the possession of any settler on the public domain, the party committing such injuries or damages shall be liable to the party injured for such injury or damage.—(R. S., sec. 2339.)

The amendment of July 9, 1870, is as follows:

All patents granted, or preemption or homesteads allowed, shall be subject to any vested and accrued water rights, or rights to ditches and reservoirs used in connection with such water rights, as may have been acquired under or recognized by the preceding section.—(R. S., sec. 2340.)

It will be noted that under these laws the development of irrigation is left to "local customs, laws, and the decisions of courts," and in that sense all irrigation is carried on under state laws.

*The desert-land act.*—The desert-land act, approved March 3, 1877, provided that title to 640 acres of arid land could be procured by conducting water upon and reclaiming the land within three years from the filing of a declaratory statement, and by the payment of \$1.25 per acre. Patent is not granted until proof is made that the applicant has expended at least \$3 per acre in improvements, and that at least one-eighth of the land has been actually reclaimed. This act applied originally to the states of California, Oregon, and Nevada, and to Washington, Idaho, Montana, Utah, Wyoming, Arizona, New Mexico, and Dakota, which were then territories. In 1891 its provisions were extended to Colorado. Desert lands are defined in the act as "land exclusive of timber lands which will not, without irrigation, produce some agricultural

<sup>1</sup> United States v. Rio Grande Dam and Irrigation Co., 174 U. S., 690.

crops," and the decision as to what may be considered desert land is left to the Commissioner of the General Land Office. Under the act of August 30, 1890, the land which may be taken under this act by one person was limited to 320 acres.

At the census of 1910 no inquiries were made as to what part of the land reported as irrigated was acquired under this law, but the report of the General Land Office for the fiscal year ending June 30, 1910, shows the acreages entered and patented to be as given in Table 5. As only one-eighth of the land has to be reclaimed at the time the patent is granted, it is probable that only a small part of the total acreage patented is actually irrigated.

STATE OR TERRITORY.	ACREAGE OF DESERT LAND ENTERED UP TO JUNE 30, 1910. <sup>1</sup>	
	Original entries.	Final entries.
<b>Total</b> .....	<b>22, 439, 248.59</b>	<b>5, 473, 792.80</b>
Arizona.....	1, 465, 435.25	243, 486.14
California.....	2, 017, 211.07	499, 406.82
Colorado.....	2, 355, 872.03	271, 079.50
Dakota Territory.....	20, 021.00	300.00
Idaho.....	2, 355, 587.09	631, 856.86
Montana.....	4, 896, 725.03	1, 892, 490.80
Nevada.....	280, 411.70	43, 072.14
New Mexico.....	1, 053, 732.06	241, 789.51
North Dakota.....	84, 302.21	19, 273.55
Oregon.....	807, 073.00	170, 832.21
South Dakota.....	474, 489.32	44, 232.23
Utah.....	1, 140, 244.76	272, 423.41
Washington.....	713, 770.08	49, 891.33
Wyoming.....	3, 259, 322.40	1, 123, 598.30

<sup>1</sup> From the passage of the desert-land act. Figures are from the report of the Commissioner of the General Land Office for the fiscal year ending June 30, 1910.

**Segregation of reservoir sites.**—An act approved October 2, 1888, provided for the investigation of the extent to which the arid region of the United States could be redeemed by irrigation, for the segregation of the irrigable lands in that region, and for the selection of sites for reservoirs and other hydraulic works necessary for the storage and utilization of water for irrigation. It further provided as follows:

All the lands which may be hereafter designated or selected by such United States surveys for sites of reservoirs, ditches, or canals for irrigation purposes and all of the lands made susceptible of irrigation by such reservoirs, ditches, or canals are from this time henceforth hereby reserved from sale as the property of the United States and shall not be subject after the passage of this act to entry, settlement, or occupation until further provided by law: *Provided*, That the President may at any time in his discretion by proclamation open any portion or all of the lands reserved by the provision of this act to settlement under the homestead laws.

Under this law extensive surveys were made, and there was a general withdrawal from entry of all the public lands in the arid region. This withdrawal met with much disapproval, and by an act of August 30, 1890, that part of the law providing for the withdrawal of public lands from entry was repealed, but reservoir sites already segregated were to continue to be reserved from entry until otherwise provided by law, and reservoir sites thereafter located were to be reserved. By the act of February 26, 1897, the reservoir sites segregated under the former law were made sub-

ject to applications under the act of March 3, 1891, relating to rights of way (referred to hereafter), and the states and territories in which the sites were located were authorized to improve and occupy them under the same conditions as individuals or private corporations. The act of February 26, 1897, provided also that the charges for water coming from such reservoir sites should be subject to the control of the states or territories in which they are located. Several reservoir sites were segregated under these laws, but in general the laws resulted in the reclamation of little land.

The act of March 3, 1891, amending the desert-land act, provided for the acquisition by canal or ditch companies of rights of way over public lands or reservoirs for canals and ditches prior to actual construction. Various acts relating to rights of way for irrigation were passed up to February 15, 1901, when a general law superseding the others was enacted.

**The Carey Act.**—On August 18, 1894, Congress passed what is commonly called the Carey Act (Stat. I, vol. 28, pp. 372-422), the purpose of which, as expressed in the law, was "to aid the public-land states in the reclamation of the desert lands therein." This act provided for the granting to each of the states containing desert land, within the meaning of the desert-land act referred to above, of such land, not exceeding 1,000,000 acres in each state, "as the state may cause to be irrigated, reclaimed, occupied, and not less than twenty acres of each one hundred and sixty acre tract cultivated by actual settlers, within ten years next after the passage of this act, as thoroughly as is required of citizens who may enter under the said desert-land law." The states were required to file maps showing the mode of irrigation contemplated, and to show also the source of the water to be used, and when such maps and plans were approved the lands applied for were segregated and reserved from entry. While the states were authorized to enter into all contracts necessary for the reclamation of the segregated lands, they were prohibited from leasing any of the lands, from disposing of them in any way whatsoever, except to secure their reclamation, cultivation, and settlement, and from disposing of more than 160 acres to any one person.

This law was amended by an act of June 11, 1896, authorizing the states to create liens against the lands segregated for the purpose of reclamation, but providing that under no circumstances "shall the United States be in any manner directly or indirectly liable for any amount for any such lien or liability, in whole or in part."

On March 3, 1901, the law was further amended by extending the time for reclaiming segregated land to a period of ten years from the date of segregation. In 1908 an additional area of 1,000,000 acres was granted to the state of Wyoming, and an additional area of 2,000,000 acres to the state of Idaho. By an act of February 18, 1909, the provisions of the Carey Act were extended to New Mexico and Arizona.



Obviously this law is inoperative in any state until the state has accepted its terms and made application for the segregation of lands. The states which have accepted the conditions of the Carey Act, with the dates of their original laws for this purpose, are shown in the following statement:

STATE.	Year.	STATE.	Year.
Colorado.....	1895	Oregon.....	1901
Idaho.....	1895	South Dakota.....	1909
Montana.....	1895	Utah.....	1897
Nevada.....	1895	Washington.....	1895
New Mexico.....	1909	Wyoming.....	1895

The state laws governing operations under the Carey Act differ much in detail but are alike in general plan. All operations based on this law are placed under the supervision of state boards—in some instances the existing state land boards and in other instances special boards created for this purpose—and all persons or corporations desiring to reclaim land under this law apply to the proper board, specifying the lands which they desire to have segregated, and describing the proposed plan of reclamation. The form of application and the items of information to be furnished by applicants are prescribed by law, by the regulations of the boards, and by the regulations of the United States Department of the Interior. If the application for segregation is approved by the state board, it is submitted to the United States Department of the Interior, and the land is withdrawn from entry pending action. If the application is likewise approved by the Department of the Interior, the land is segregated and withdrawn from all forms of entry under the public-land laws. The state then enters into a contract with the applicant, providing for the construction of the proposed works by the applicant, and fixing the terms on which water rights may be sold to settlers on the land. On its part, the state agrees to sell the lands only to parties who have entered into contract with the applicant to purchase water rights. The water rights sold must carry an interest in the works, so that when the payments for the rights are completed the works and rights become the property of the water-right purchasers. Under the Carey Act, as soon as any state may furnish satisfactory proof that any of the lands are "irrigated, reclaimed, and occupied by actual settlers," patents are issued to the state, and it in turn issues patents to the settlers when they have fulfilled the conditions imposed as to actual residence and improvement of the land and have made the full payment of the purchase price of the land. Lands are usually sold for 50 cents per acre.

Under the amendment of June 11, 1896, the states are authorized to create liens on the lands "for the actual cost and necessary expense of reclamation and reasonable interest thereon from the date of reclamation until disposed of to actual settlers." None of the states has provided for making the cost of the works a direct lien on the land, but the water rights are sold,

at prices fixed by the state, on deferred payments, and the notes given by the settlers to secure these deferred payments are made liens on any interest they may have in the lands, and are usually deposited with trustees as security for bond issues by the promoters.

When Carey Act enterprises are completed and the lands and water rights are paid for, stock in the companies to which the enterprises are turned over is issued to the holders of the water rights, the enterprises thus becoming cooperative.

The areas applied for, segregated, and patented to the states under the Carey Act up to June 30, 1910, as given in the report of the Commissioner of the General Land Office for 1910, are shown in Table 6.

STATE.	ACREAGE APPLIED FOR, SEGREGATED, AND PATENTED UNDER THE CAREY ACT UP TO JUNE 30, 1910. <sup>1</sup>		
	Applied for.	Segregated.	Patented.
Total.....	6,587,508.92	2,958,985.83	317,864.27
Colorado.....	728,881.29	90,964.23	.....
Idaho.....	2,842,811.88	1,298,895.58	187,034.50
Montana.....	524,440.92	172,249.61	18,296.81
Nevada.....	121,063.88	10,246.02	.....
New Mexico.....	20,164.68	.....	.....
Oregon.....	568,728.95	295,350.65	50,308.13
Utah.....	410,245.76	126,185.61	.....
Wyoming.....	1,371,153.56	965,094.73	92,228.33

<sup>1</sup> From the report of the Commissioner of the General Land Office for the fiscal year ending June 30, 1910.

Table 7 gives the acreage reported to have been irrigated under this act in 1909, the acreage which Carey Act enterprises reported themselves capable of supplying with water in 1910, and the acreage included in these enterprises in 1910.

STATE.	CAREY ACT ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
Total.....	288,553	1,089,577	2,573,874
Colorado.....	485	8,985	58,450
Idaho.....	162,418	742,618	1,098,661
Montana.....	9,648	49,500	306,997
New Mexico.....	.....	.....	18,000
Oregon.....	24,750	65,500	622,204
Utah.....	5,000	20,000	42,000
Wyoming.....	86,252	205,974	426,472

United States reclamation law.—The act of Congress approved June 17, 1902, known as the reclamation law, provided for the first time for the construction of irrigation works, outside of Indian reservations, directly by the Federal Government. This act set aside the receipts from the sale and disposal of public lands in Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, and Wyoming as a "reclamation fund," "to be used in the examination and survey for and the construction and maintenance of irrigation works, for the storage, diversion, and development of waters for the reclamation of arid and semiarid lands"

The plan of work outlined in the law includes the withdrawal from all forms of entry, except under the homestead law, of tracts of public lands, to permit examination as to the feasibility of their irrigation, the making of surveys and estimates, and the construction and operation of works. Entry-men on these lands are required to repay to the Government the cost of providing a water supply, in not more than 10 annual payments, without interest on deferred payments. Entries may be limited to 40 acres by order of the Secretary of the Interior, and the commutation clause of the homestead act does not apply to these lands—that is, the entryman must reside on the land five<sup>1</sup> years before title can be secured. Patent is not granted to the entryman until he has repaid to the Government the amount of the cost of the water supply apportioned against his land.

When the payments required by the act are made for the major portion of the lands irrigated by any project, the operation and management of the works is to pass to the owners of the lands irrigated, to be maintained by them under some form of organization acceptable to the Secretary of the Interior; but the "title to and the management and operation of the reservoirs and the works necessary for their protection and operation shall remain in the Government until otherwise provided by Congress."

The reclamation act provided that the work should be done in accordance with state laws and that the major portion of the funds arising from the sale of lands in each state should be spent within that state. The provision last mentioned, relating to the distribution of expenditures among the states, has been repealed.

While the act apparently relates principally to public lands, it is provided that lands in private ownership may be supplied with water; in fact, some projects include no public lands.

The work of reclamation was originally assigned to the United States Geological Survey, and the Reclamation Service was organized as a division of that bureau. This was later made an independent bureau of the Department of the Interior.

The law was made to apply to the receipts from the sale and disposal of lands from the beginning of the fiscal year ending June 30, 1901. The aggregate amounts covered into the Treasury to the credit of the reclamation fund up to June 30, 1909, from the several states were as shown in Table 8, which is taken from the report of the Commissioner of the General Land Office for 1910.

Work under the reclamation law began in 1902; none of the large projects was completed at the time of taking the census of 1910. Table 9 shows the acreage irrigated by United States Reclamation Service enterprises in 1909, the acreage to which they were capable of supplying water in 1910, and the acreage included in such projects on July 1, 1910.

<sup>1</sup> Changed to three years by an amendment made in 1912.

STATE.	Amount covered into the reclamation fund up to June 30, 1909.	STATE.	Amount covered into the reclamation fund up to June 30, 1909.
<b>Total</b> .....	\$58,328,918.99	New Mexico.....	\$2,329,308.53
Arizona.....	538,591.85	North Dakota.....	9,589,920.55
California.....	3,838,487.00	Oklahoma.....	5,269,323.43
Colorado.....	4,410,107.05	Oregon.....	9,082,735.66
Idaho.....	3,789,561.11	South Dakota.....	3,545,702.27
Kansas.....	615,716.51	Utah.....	998,817.54
Montana.....	4,614,954.26	Washington.....	5,528,084.54
Nebraska.....	1,073,023.57	Wyoming.....	2,860,366.88
Nevada.....	276,167.64		

STATE.	UNITED STATES RECLAMATION SERVICE ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
<b>Total</b> .....	395,646	786,190	1,973,016
Arizona.....	138,364	164,500	370,000
California.....	400	1,200	14,200
Colorado.....	16,600	30,000	163,000
Idaho.....	47,500	113,000	205,000
Kansas.....	8,953	( <sup>1</sup> )	10,977
Montana.....	14,077	85,245	113,744
Nebraska.....	30,536	66,241	107,520
Nevada.....	30,000	90,185	216,185
New Mexico.....	13,368	21,467	30,207
North Dakota.....	1,610	12,000	24,480
Oregon.....	22,000	45,319	185,000
South Dakota.....	5,613	47,568	101,907
Utah.....	( <sup>2</sup> )		
Washington.....	55,600	74,500	143,066
Wyoming.....	12,905	34,800	167,880

<sup>1</sup> Enterprises not in operation in 1910.

<sup>2</sup> The only enterprise in Utah is conducted for the purpose of furnishing additional water to lands served mainly by existing ditches.

**United States Indian Service.**—At various times Congress has provided for the construction of irrigation works on Indian reservations, for which payment has been made in some cases from tribal funds and in others from direct appropriations. The irrigation work conducted by the Indian Service is confined to Indian reservations and is for the benefit of the Indians. Table 10 shows statistics relating to acreage for such works, by states.

STATE.	UNITED STATES INDIAN SERVICE ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
<b>Total</b> .....	172,912	376,576	679,068
Arizona.....	19,386	20,074	36,017
California.....	3,490	3,400	3,800
Colorado.....	1,020	2,020	20,020
Idaho.....	3,426	21,540	51,540
Montana.....	67,417	114,340	440,940
Nebraska.....	300	800	800
Nevada.....	2,597	3,381	18,060
New Mexico.....	24,007	24,743	37,455
Oregon.....	429	439	879
South Dakota.....	50	50	100
Utah.....	11,520	86,600	106,000
Washington.....	35,000	50,000	100,000
Wyoming.....	4,270	48,699	63,657

#### STATE LEGISLATION.

As stated previously, inasmuch as the states have control over diversions from nonnavigable streams, all

irrigation is in a sense carried on under state laws. All the states in the arid region have enacted some legislation regulating the diversion and use of water from streams and other sources, and most of them have enacted some legislation intended to assist directly in the construction and operation of irrigation works.

In three states, Colorado, Montana, and Utah, some construction work has been carried on by the states themselves, but in no case has such work resulted in the reclamation of any appreciable area of land. The state of Colorado attempted to utilize its convict labor in the construction of canals and reservoirs, but after considerable work had been done the policy was abandoned and the works were turned over to other agencies. Montana undertook to reclaim on its own account the lands granted to it under the Carey Act and started several projects for that purpose. The plan was given up, however, and the Carey Act lands are now handled in Montana in the same manner as in the other states. In Utah a fund was created in 1897 for the construction of reservoirs from the receipts from sales of lands granted to the state, and at one time the construction of a few reservoirs was undertaken. More recently these funds have been used as loans to aid in the construction of reservoirs by private agencies.

**Irrigation districts.**—While none of the states of the arid region has accomplished much in the way of direct reclamation of land, most of them have enacted laws for the creation of irrigation districts, under which considerable areas are now supplied with water. These laws are alike in their general outline, but differ greatly in detail. They provide that lands susceptible of irrigation from a common source and from a common system of works may be organized into a district for the purpose of providing a water supply for irrigation, the organization to be initiated upon petition by the owners of the lands included within the proposed district, usually addressed to the county commissioners of the county in which the lands are situated. After a hearing the commissioners act upon the petition, and in most states, if the petition is approved, the question of organization is submitted to a vote of the landowners interested. When properly organized such a district has power to issue bonds to obtain funds for the construction or purchase of irrigation works, and to levy and collect taxes for the purpose of paying principal and interest on bonds issued and expenses of operation and maintenance. Taxes so levied are a lien on the lands of the district, enforceable in the same manner as other tax liens. The provisions concerning eligibility to sign petitions for the organization of districts and to vote on organization or the issue of bonds, and concerning the number of signers of petitions and majorities required to determine the question of organization or bond issue differ in the various laws, but in most states only resident property owners may either sign petitions or vote, although in

Wyoming and Montana nonresident property owners may both sign and vote.

All the states fix the minimum price at which bonds may be sold, usually at par, but as all permit the issuing of bonds directly in payment for work or materials or for works already built the limitation on the price at which bonds may be sold is thus nullified. In fact, the usual practice is to issue bonds in payment for construction or for works already built, the prices being fixed on the basis of payment in bonds. The contractor accepting bonds in payment may sell them without limitation on the price.

Irrigation districts are controlled by boards of directors elected by the owners of the lands included in the districts. In most states county treasurers are made ex officio treasurers of districts, and the county commissioners are required to make annual tax levies if the district directors neglect to do so. In some of the states district taxes are levied at a flat rate per acre; in some, according to the assessed value; and in some, in proportion to the benefits received.

All the laws provide that special court proceedings may be held for testing the validity of the organization of districts.

The states having district laws and the dates of the passage of their original laws are given in the following statement:

STATE.	Year.	STATE.	Year.
California.....	1887	Nevada.....	1891
Colorado.....	1905	Oregon.....	1895
Idaho.....	1885	Texas.....	1905
Kansas.....	1891	Utah.....	1865
Montana.....	1907	Washington.....	1899
Nebraska.....	1895	Wyoming.....	1909
New Mexico.....	1907		

<sup>1</sup> California had some districts that were chartered directly by the legislature previous to the date given, but no general law was passed until that time.

By the Utah law of 1865 districts were not empowered to issue bonds, but merely to levy and collect taxes. The California law of 1887, known as the Wright Act, was the first to contain the bonding provision, and this law has served as a model for the other states.

Table 11 shows, by states, the acreage irrigated in 1909 in irrigation districts, the acreage to which districts were capable of supplying water in 1910, and the acreage included in districts in 1910.

STATE.	IRRIGATION DISTRICTS.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
Total.....	528, 642	800, 451	1, 561, 465
California.....	173, 793	294, 108	606, 351
Colorado.....	115, 304	207, 570	457, 370
Idaho.....	140, 930	177, 500	329, 738
Montana.....	412	6, 640	6, 640
Nebraska.....	76, 448	77, 228	91, 678
New Mexico.....			18, 400
Oregon.....	1, 500	1, 500	5, 550
Utah.....	8, 465	8, 465	10, 802
Wyoming.....	11, 800	27, 650	27, 650

**General state laws relating to irrigation.**—Of the total acreage irrigated in 1909 only 10.1 per cent was supplied with water under the state and Federal laws treated in the preceding sections. The remainder of the land irrigated (practically 90 per cent of the total) was served by works controlled by individuals or organizations operating under the general irrigation laws of the states. These laws are of two general classes—those dealing with the rights to water and those dealing with the construction and operation of ditches.

The law of water rights in the arid region is not well worked out, for the reason that it is still in the formative period, when legislatures are constantly making changes and courts giving new interpretations in an attempt to adapt legal conceptions to changing physical conditions, and for the further reason that in the arid region of the United States the English common law, developed in humid regions and brought into the Western states from the East, comes into contact and conflicts with the civil law, developed in dry regions and brought in from the South. The law of water rights is further complicated by the fact that it deals with intangible rights rather than tangible goods, and these rights relate to the use of an uncertain, unstable, transitory thing which must be used as it passes, which is only partially consumed by use, which can not be stored for future use except within narrow limits, and which is exposed at all times and throughout long distances to appropriation by persons having no rights to its use.

In a humid region, water for the maintenance of animal and plant life being plentiful, the most profitable use of the water in streams requires that it remain in the streams for navigation and power, and rights to its use belong naturally to those who have access to the streams—the owners of abutting land. The fundamental idea of the English common law of water rights is that the right to use the water of streams attaches to lands abutting on the streams—the riparian doctrine.

In an arid region human habitation itself depends on the use of the water of streams for domestic purposes and irrigation, and consequently laws developed in arid regions provide for the diversion of water from streams without reference to the place of use. Under the civil law water belongs to the Crown, and rights to its use are obtained by grant.

The diversion and use of water from the streams of the arid region for mining and agricultural purposes began in some sections before the establishment of civil government and in most of the arid districts before the enactment of any laws relating to irrigation. The law of necessity governed in the arid region and men diverted and used the water of streams without reference to ownership of land. Thus there grew up the American doctrine of "appropriation," according to which anyone who will put water to a "beneficial use" may take or "appropriate" it and holds the right to continue to take it so long as the use continues,

provided such use does not conflict with use by one who made an earlier appropriation from the same source. "First in time, first in right," is the usual statement of this doctrine.

The water-right laws of the arid region are a conglomerate of these three doctrines. Speaking generally, irrigation legislation has resulted from attempts to put into the form of law practices already in existence, while court decrees have embodied a strange mixture of common practice in the arid region and legal precedent developed in humid regions.

The common law of riparian rights, modified to a considerable extent by judicial decisions and state legislation, is recognized in California, Kansas, Oregon, and Washington, and in this modified form is commonly called the "California" doctrine, because it was first stated by the courts of that state.

The civil-law doctrine, according to which the water of streams belongs to the state, was embodied in the constitution of Wyoming when that state was admitted to the Union in 1890, as follows:

The water of all natural streams, springs, lakes, or other collections of still water within the boundaries of the state are hereby declared to be the property of the state.—(Art. VIII, sec. 1.)

Because the first formal statement of this doctrine in the United States is found in the constitution of Wyoming it is sometimes called the "Wyoming" doctrine. It has been adopted by Idaho, Nevada, and North Dakota.<sup>1</sup>

The doctrine of appropriation, by which the water of streams is held to belong to the public, was embodied in the constitution of Colorado, in 1876, in the following terms:

The water of every natural stream, not heretofore appropriated, within the state of Colorado, is hereby declared to be the property of the public, and the same is dedicated to the use of the people of the state, subject to appropriation, as hereinafter provided.—(Art. XVI, sec. 5.)

The right to divert the unappropriated waters of any natural stream to beneficial uses shall never be denied. Priority of appropriation shall give the better right as between those using the water for the same purpose.—(Art. XVI, sec. 6.)

This doctrine, which is commonly called the "Colorado" doctrine, is the theory as to water rights that is most commonly accepted in the arid regions. The states whose water laws are based on this theory are Arizona, Colorado, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Utah.

The distinction between the Wyoming and Colorado systems appears principally in the laws relating to the acquisition and defining of water rights. Under the Colorado system rights are acquired by appropriation and use, under state regulations designed to provide a record of rights, and are not defined as they are acquired, but only as they come into controversy, when they are defined by the courts. Under the Wyoming system, rights are acquired by application to

<sup>1</sup> Constitution (Art. XVII) declares water is property of the state. Laws (Laws 1905, chap. 14) declare it is property of public.

the state, the approval of this application by the state, construction of works, and use of water, and they are defined as they are acquired, those acquired before the enactment of the present laws being defined by administrative boards. The distinctions just made are not always maintained, and the laws of some of the states contain elements of all three of the doctrines mentioned.

The larger part of the state legislation relating to irrigation deals with the acquisition of rights, the defining of rights, and the enforcement of rights. As many rights to water were acquired before the enactment of any legislation on this subject, these rights were not defined either as to nature or extent as they were acquired. Consequently much legislation providing for the defining of rights has been enacted. Since water rights are of such a nature that it is practically impossible for an individual to protect his own rights, most of the states have provided by law for such protection. The laws relating to these points are summarized in the paragraphs which follow.

**Acquisition of rights.**—Water rights were originally acquired by appropriation and use, without formalities of any kind, and many rights still rest on no other basis. The first step beyond this was the posting at the points of diversion of notices stating what was claimed and the filing of copies of these notices with some public official, usually the county recorder or county clerk. As late as 1910 no other formalities were required in Arizona, California, Kansas, Montana, Texas, and Washington.

In order that rights may be acquired this posting and filing must be followed by the construction of works and use of water, but as these states make no provision for making any record of such construction and use, the records of claims are practically worthless as an index of existing rights. In Colorado claims must be filed with the state engineer, together with maps and certain information, all claims in the state being thus brought into a single office. In this state, as in the other states, however, no provision is made for records of appropriation and use, and the records of claims do not show existing rights.

The Wyoming system of requiring application to the state for permission to appropriate and use water has been adopted by Idaho, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, and Utah. The permits granted fix the time within which the works provided for must be completed and the water be put to use. The laws provide for the submission of proof that the conditions of the permits have been complied with and for the issuing of certificates showing what rights have been acquired. If enforced, therefore, these laws result in a complete list of rights acquired since their enactment. The earliest of these laws, that of Wyoming, was enacted in 1890, while some of the others have been in force but a few years, so that in most cases they affect only a small part of the rights within the states named, as indicated by Table 12.

**Defining of rights.**—The defining of rights not defined as they are acquired is left to the courts in Arizona, California, Colorado, Idaho, Kansas, Montana, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, and Washington. Rights are defined by administrative boards in Wyoming, Nebraska, and Nevada. In most of the states in which water rights are adjudicated by the courts the laws provide that when any action regarding water rights is brought, all parties claiming rights to water from the same source shall be made parties to the action, so that all rights may be determined in a single action. Several of the states—Idaho, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, and Utah—provide for the collecting of information and the making of surveys by the state engineer in connection with adjudications, in order that the courts may not be wholly dependent upon the testimony of interested parties; and two states—New Mexico and South Dakota—provide for the initiation of such actions by the attorney general of the state on application by the state engineer.

Table 12 shows, by percentages, the distribution of the land irrigated in 1909 according to the kind of rights under which it was supplied with water. As the clerks who made the tabulations were instructed to classify under "appropriations and use" all lands for which the class of rights was not reported, it is possible that the percentage representing land so classified is slightly too high. It seems probable, however, that most persons having evidence of title to water rights would know what it was and report it. It is evident that there are slight errors in the classification, as rights of the various classes are reported in states where such rights do not exist, such as those acquired by "permit from state" and "certificate from state" in Montana, Texas, and Washington.

Table 12

STATE.	PER CENT WHICH ACREAGE IRRIGATED UNDER SPECIFIED FORM OF WATER RIGHTS REPRESENTED OF TOTAL: 1909					
	Riparian rights.	Appropriation and use.	Notices filed and posted.	Adjudicated.	Permit from state.	Certificate from state.
Arid states.....	2.1	34.0	16.2	35.3	6.7	5.7
Arizona.....	0.2	76.7	14.7	8.4	(1)	(1)
California.....	8.2	47.3	16.6	28.0		
Colorado.....	(1)	9.3	5.1	84.4	(2)	(2)
Idaho.....	0.1	18.9	25.4	36.9	17.6	0.1
Kansas.....	0.1	73.6	26.3			
Montana.....		15.0	44.4	38.0	(3)	(2)
Nebraska.....		8.8	9.9	18.8	59.6	2.7
Nevada.....	(1)	86.9	5.4	1.4	1.4	4.3
New Mexico.....	0.1	83.9	2.2	6.6	8.0	0.1
North Dakota.....		88.9	6.8		4.3	
Oklahoma.....		77.4	5.4	17.1		
Oregon.....	3.5	58.3	29.0	5.4	3.5	
South Dakota.....	3.6	21.2	35.0	14.8	7.4	17.5
Texas <sup>2</sup> .....	11.7	70.8	5.9		(3)	(2)
Utah.....	(1)	51.6	6.2	35.1	3.9	3.2
Washington.....	5.2	54.5	29.3	7.8	(3)	(2)
Wyoming.....	0.2	8.5	0.8	4.3	28.3	57.9

<sup>1</sup> Less than one-tenth of 1 per cent.  
<sup>2</sup> Small areas erroneously reported as in this class. State issues no permit or certificate.  
<sup>3</sup> Exclusive of land irrigated for rice growing.

It is generally true that rights of the classes designated in the first three columns of the table, covering slightly more than one-half of the total acreage irrigated in 1909, are as yet undefined, and are, therefore, more or less indefinite as to extent, although they may be perfectly valid. Rights of the classes shown in the last three columns of the table, covering slightly less than one-half of the acreage irrigated in 1909, are defined as to extent, although those in the next to the last column have not yet reached the final stage. In general, therefore, about one-half of the rights to water in the arid region have been defined and about one-half are undefined.

Colorado ranked first in respect to the percentage of land irrigated under rights actually defined, with 84.4 per cent supplied by water obtained under adjudicated rights. Wyoming ranked second, with about 62 per cent of its irrigated acreage supplied under rights determined by adjudications or certificates from the state, 28.3 per cent being covered by permits for which final proof had not yet been made. In proportion of irrigated acreage covered by adjudicated rights Montana ranked second, with 38 per cent, but the percentage covered by all rights that had been defined, including those represented by permits for which final proof had not been made, was higher in Nebraska, Idaho, and Utah than in Montana.

**Distribution of water.**—Colorado was the first state to provide for the distribution of water by public officials, and its system has been adopted by several other states. For the distribution of water the state is divided into five divisions, which are in turn divided into districts, the total number of districts in the state being 70. For each district there is a water commissioner, having direct control of the distribution of water within his district, who is supplied with a list of all defined rights. Each day he obtains reports of the volume of water within his district available for supplying these rights, and he and his deputies apportion the water to the holders of rights in the order of the priority of the rights until the supply is exhausted. For each of the five divisions there is a division engineer with

supervision over the work of the commissioners of the districts forming his division. The state engineer in turn has supervision over the work of the division engineers. Anyone dissatisfied with any action of a commissioner may appeal to the proper division engineer, and from the decision of the division engineer may appeal to the state engineer.

The system described above has been adopted by Idaho, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, and Wyoming, although the laws of many of these states provide that commissioners are not to be appointed until there is demand for their services. Water commissioners are paid for the time actually employed and do not begin work until complaint is made by some one claiming that he is not receiving the water to which he is entitled. Thus, when there is a sufficient supply for all rights, everyone takes water as he wishes, but as soon as there is any shortage the commissioner begins work and distributes the available supply in accordance with the rights.

California and Texas have no provision for the distribution of water to users. Kansas has provided that courts defining rights appoint "water bailiffs" to enforce their decrees; in Montana the courts defining rights appoint commissioners to enforce their decrees; and in Washington there is a provision for the appointment of water commissioners by the county commissioners.

A large amount of miscellaneous state legislation relating to irrigation has been enacted by the states, including laws providing for keeping ditches in repair, requiring part owners of ditches to do their share in keeping up ditches, requiring ditch owners to put in headgates and measuring devices, prescribing penalties for opening headgates which have been closed by the water commissioner and for other offenses, etc. There are also laws exempting from taxation irrigation works which supply water only to those who own an interest in the works and laws giving to the builders of irrigation works the right to condemn rights of way.

#### FARMS AND ACREAGE IRRIGATED IN THE ARID REGION.

**Number of farms irrigated.**—Table 13 gives, by states, the number of farms irrigated in 1909, 1899, and 1889, together with the decennial rates of increase or decrease.

The scope of the figures for the number of farms irrigated is explained on page 829. It should be borne in mind that the figures for 1909 include data for Indian reservations while those for 1899 and 1889 do not.

The total number of farms on which irrigation was practiced in 1909 was 158,713. California contained the largest number of such farms, having about one-fourth (24.8 per cent) of the total number, and Colorado the next largest number, nearly one-sixth (16.3 per cent) of the total, while Utah ranked third in

this respect, with about one-eighth (12.4 per cent) of the total.

The percentage of increase between 1889 and 1899 in the number of farms irrigated was more than double that during the succeeding decade, but the absolute increases during the two decades were approximately equal. Nebraska showed the largest percentage of increase during the former period and Texas during the latter period, but in neither state was the actual number of irrigated farms large. In Nebraska and South Dakota there were decreases between 1899 and 1909. The largest absolute increase in both decades was in California. In the period 1899-1909 the next largest increase was in Colorado, and in the period 1889-1899 in Utah.

**Table 13**

FARMS IRRIGATED.

STATE.	1909	1899	1889	Increase. <sup>1</sup>		
				1899-1909		1889-1899
				Number.	Per cent.	Per cent.
<b>Total</b> .....	<b>158,713</b>	<b>107,489</b>	<b>54,136</b>	<b>51,224</b>	<b>47.7</b>	<b>98.6</b>
Arizona .....	4,841	2,981	1,075	1,860	62.4	177.3
California .....	30,352	25,611	13,732	13,741	53.7	86.5
Colorado .....	25,857	17,613	9,659	8,244	46.8	82.3
Idaho .....	16,439	8,987	4,323	7,452	82.9	107.9
Kansas .....	1,006	920	519	77	8.3	79.0
Montana .....	8,970	8,043	3,706	927	11.5	117.0
Nebraska .....	1,852	1,932	214	-80	-4.1	802.8
Nevada .....	2,406	1,900	1,107	500	26.2	63.3
New Mexico .....	12,795	7,884	3,085	4,911	62.3	155.6
North Dakota .....	60	54	7	15	(*)	(2)
Oklahoma .....	137	124	.....	13	10.5	.....
Oregon .....	6,009	4,630	3,150	2,033	43.9	47.2
South Dakota .....	500	606	189	-106	-17.5	220.6
Texas <sup>2</sup> .....	4,150	1,252	623	2,898	231.5	101.0
Utah .....	19,709	17,924	9,724	1,785	10.0	84.3
Washington .....	7,664	3,286	1,046	4,378	133.2	214.1
Wyoming .....	6,207	3,721	1,917	2,570	69.2	94.1

<sup>1</sup> A minus sign (-) denotes decrease.  
<sup>2</sup> Per cent not calculated when base is less than 100.  
<sup>3</sup> Exclusive of farms irrigated for rice growing.

In the states of the Great Plains, considered as a group, exclusive of Texas, there was a small net decrease between 1899 and 1909 in the number of farms on which irrigation was practiced, caused by the advance of "dry farming" and a rainfall above the normal in 1909. In the eastern parts of these states irrigation has been abandoned on many farms where formerly small acreages were watered in each case, while in the western parts of the states the amount of land irrigated on many farms has increased, so that these states, taken as a group, show an increase in the acreage irrigated coincident with the decrease in the number of farms on which irrigation was practiced.

**Acreage irrigated.**—Table 14 gives, by states, the acreage irrigated in the arid region in 1909, 1899, and 1889, respectively, with the percentage of increase.

**Table 14**

ACREAGE IRRIGATED.

STATE.	1909	1899	1889	Increase.		
				1899-1909		1889-1899
				Amount.	Per cent.	Per cent.
<b>Total</b> .....	<b>13,738,485</b>	<b>7,518,527</b>	<b>3,631,381</b>	<b>6,219,958</b>	<b>82.7</b>	<b>107.0</b>
Arizona .....	320,051	185,396	65,821	134,655	72.6	181.7
California .....	2,064,104	1,445,872	1,004,233	1,218,232	84.3	44.0
Colorado .....	2,792,032	1,611,271	890,735	1,180,761	73.3	80.9
Idaho .....	1,450,848	602,568	217,005	828,280	137.5	177.7
Kansas .....	37,470	23,620	20,818	13,859	58.7	13.5
Montana .....	1,070,084	951,154	350,582	727,930	76.5	171.3
Nebraska .....	255,950	148,538	11,744	107,412	72.3	1,164.8
Nevada .....	701,833	504,168	224,403	197,665	39.2	124.7
New Mexico .....	461,718	203,893	91,745	257,825	126.5	122.2
North Dakota .....	10,248	4,872	445	5,376	110.3	994.8
Oklahoma .....	4,388	2,759	.....	1,629	59.0	.....
Oregon .....	680,120	388,310	177,944	297,819	76.7	118.2
South Dakota .....	63,248	43,676	15,717	19,572	44.8	177.9
Texas <sup>1</sup> .....	164,283	40,052	18,241	123,331	301.2	124.5
Utah .....	990,410	629,293	263,473	370,117	58.8	138.8
Washington .....	334,378	120,307	48,709	285,071	164.7	158.8
Wyoming .....	1,133,302	606,878	229,676	577,424	87.1	163.8

<sup>1</sup> Exclusive of land irrigated for rice growing.

The total acreage reported as irrigated in 1909 was 13,738,485, representing an increase of 6,219,958 acres, or 82.7 per cent, as compared with 1899. The increase in the preceding decade was 3,887,146 acres, or 107 per cent. As already stated, the figures for 1909 include land on Indian reservations while those for 1899 and 1889 do not.

In total acreage irrigated California ranked first in 1899, Colorado second, and Montana third. In both 1899 and 1909 Colorado reported the largest irrigated acreage, while California and Montana were second and third, respectively. Idaho followed in rank according to irrigated acreage in 1909. From 1899 to 1909 California showed the largest absolute increase, followed by Colorado, Idaho, and Montana in the order named. In percentage of increase for this decade, however, Texas ranked first, Washington second, Idaho third, and New Mexico fourth.

**Acreage irrigated in 1909, acreage enterprises were capable of irrigating in 1910, and acreage included in projects.**—In Table 15 statistics as to the acreage irrigated in 1909, the acreage enterprises were capable of irrigating in 1910, and the acreage included in projects are presented for the various classes of enterprises. In accordance with the law, the enterprises have been classified primarily according to their legal status—that is, according to the state or Federal laws by virtue of which they were created, or according to other features of their legal and economic form. The types of enterprises, most of which are described at greater length elsewhere in the report, are distinguished as follows:

**United States Reclamation Service enterprises,** established under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands.

**United States Indian Service enterprises,** established under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

**Carey Act enterprises,** established under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

**Irrigation districts,** which are public corporations established under state laws and empowered to issue bonds and levy and collect taxes for the purchase or construction of irrigation works.

**Cooperative enterprises,** which are controlled by the water users combined in some organized form of cooperation under state laws. The most common form of organization is the stock company, the stock of which is owned by the water users. In Arizona and New Mexico many of the cooperative enterprises are operated under laws regulating "community" ditches.

**Individual and partnership enterprises,** which belong to individual farmers, or to groups of farmers associated without formal organization. It is not always possible to distinguish between partnership and cooperative enterprises; but as the difference is slight this is unimportant.

**Commercial enterprises,** incorporated or otherwise, which supply water for compensation to parties who own no interest in the works. Persons obtaining water from such enterprises are usually required to pay for the right to receive water and to pay, in addition, annual charges based in some instances on the acreage irrigated and in others on the quantity of water received.

AGRICULTURE.

**Table 15**

STATE.	ALL CLASSES OF ENTERPRISES.			U. S. RECLAMATION SERVICE.			U. S. INDIAN SERVICE.			CAREY ACT ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
<b>Total</b> .....	<b>13,738,485</b>	<b>10,334,697</b>	<b>31,111,142</b>	<b>395,646</b>	<b>786,190</b>	<b>1,973,016</b>	<b>172,912</b>	<b>376,570</b>	<b>879,068</b>	<b>288,553</b>	<b>1,089,677</b>	<b>3,573,874</b>
Arizona.....	320,051	387,655	944,090	138,364	104,500	370,000	19,388	20,074	36,017			
California.....	2,064,104	3,619,378	5,490,360	400	1,200	14,200	3,400	3,490	3,800			
Colorado.....	2,792,032	3,990,166	5,917,457	16,600	30,000	193,000	1,020	2,020	20,020	485	0,085	59,480
Idaho.....	1,430,848	2,388,959	3,549,573	47,500	113,000	295,000	3,426	21,540	51,540	162,418	742,618	1,093,661
Kansas.....	37,479	139,905	161,300		( <sup>1</sup> )	10,677						
Montana.....	1,679,084	2,205,155	3,515,002	14,077	85,245	113,744	67,417	114,340	440,940	9,648	49,500	306,997
Nebraska.....	255,950	420,225	680,133	30,536	66,241	107,520	300	300	600			
Nevada.....	701,833	840,062	1,232,142	30,000	90,185	216,185	2,597	3,381	18,000			
New Mexico.....	461,718	644,970	1,102,207	13,398	21,467	30,267	24,007	24,743	37,455			16,000
North Dakota.....	10,248	21,917	38,173	1,010	12,096	24,480						
Oklahoma.....	4,388	6,307	8,528									
Oregon.....	686,129	830,526	2,527,208	22,000	45,319	185,000	429	439	879	24,750	65,500	623,264
South Dakota.....	63,248	123,481	201,025	5,613	47,568	101,967	50	50	100			
Texas <sup>2</sup> .....	164,283	340,641	753,600		( <sup>3</sup> )		11,520	86,600	106,000	5,000	20,000	43,000
Utah.....	699,410	1,256,240	1,947,625	55,600	74,500	143,066	35,000	50,000	100,000			
Washington.....	334,378	470,514	817,032				4,270	48,699	63,657			
Wyoming.....	1,133,302	1,639,510	2,224,298	12,905	34,869	167,880				80,252	205,974	426,472 <sup>4</sup>

STATE.	IRRIGATION DISTRICTS.			COOPERATIVE ENTERPRISES.			INDIVIDUAL AND PARTNERSHIP ENTERPRISES.			COMMERCIAL ENTERPRISES.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
<b>Total</b> .....	<b>528,642</b>	<b>800,451</b>	<b>1,581,465</b>	<b>4,643,539</b>	<b>6,191,577</b>	<b>8,830,197</b>	<b>6,257,387</b>	<b>7,666,110</b>	<b>10,153,545</b>	<b>1,451,806</b>	<b>2,424,116</b>	<b>5,119,977</b>
Arizona.....				101,025	120,559	360,039	61,196	81,422	175,834	80	200	1,000
California.....	173,793	204,108	606,351	779,020	984,570	1,388,435	961,130	1,131,951	1,512,511	746,265	1,204,059	1,965,063
Colorado.....	115,304	207,570	487,370	1,273,141	1,870,447	2,436,367	1,226,025	1,581,941	2,039,533	159,467	292,103	681,637
Idaho.....	140,030	177,900	329,796	628,102	782,603	903,746	403,600	483,046	676,508	44,872	67,352	104,322
Kansas.....				27,372	135,200	144,200	3,154	4,795	6,423			
Montana.....	412	6,640	6,640	333,926	373,022	518,209	1,191,000	1,495,513	1,982,220	62,544	80,895	146,852
Nebraska.....	76,448	77,228	91,076	78,605	108,200	240,009	45,227	64,472	80,305	24,834	52,724	154,623
Nevada.....				78,906	88,255	120,209	581,400	649,841	844,128	8,864	9,300	24,500
New Mexico.....			10,400	251,911	355,327	482,054	144,212	185,283	205,171	28,190	58,150	224,950
North Dakota.....				2,000	3,000	3,500	8,038	9,821	13,093			
Oklahoma.....				149,885	169,944	309,632	410,078	454,074	619,986	77,387	93,750	602,467
Oregon.....	1,500	1,500	5,980	13,601	18,243	22,687	37,684	55,820	69,971	6,300	6,800	6,900
South Dakota.....												
Texas <sup>2</sup> .....				41,186	75,011	146,795	40,657	65,286	104,044	73,440	200,344	502,860
Utah.....	8,455	8,455	10,802	687,260	796,855	1,259,351	222,448	257,260	370,502	64,727	87,070	151,970
Washington.....				81,122	90,805	115,410	95,655	117,145	192,310	66,911	138,064	206,216
Wyoming.....	11,800	27,050	27,050	116,317	165,476	189,864	813,823	1,024,137	1,153,378	87,935	133,305	195,967

<sup>1</sup> Enterprises not in operation in 1910.

<sup>2</sup> Enterprise not yet supplying water in 1910.

<sup>3</sup> Exclusive of land irrigated for rice growing. Is to supply water to lands already irrigated.

The excess of 5,596,212 acres in the acreage enterprises were reported as capable of irrigating in 1910, as compared with the acreage irrigated in 1909, shows the extent to which the irrigated area can be enlarged without the construction of additional works, but, as stated on page 830, does not represent land available for settlement in the later year, since much of the land that was under ditch in 1910 but not irrigated in 1909 was already taken up, being in farms not completely under cultivation. The excess acreage was principally in Colorado, Idaho, California, Montana, and Wyoming, these states ranking in the order named in this respect. The amount of excess of the acreage included in projects over that irrigated in 1909 was also greatest in these states, and in Oregon, although their rank in this respect was somewhat different.

Table 16 shows by percentages the relative importance of the several classes of enterprises as judged by acreage.

**Table 16**

CLASS OF ENTERPRISE.	PER CENT OF TOTAL FOR ARID REGION.		
	Acreage irrigated in 1909.	Acreage enterprises were capable of irrigating in 1910.	Acreage included in projects.
<b>All classes</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
U. S. Reclamation Service.....	2.9	4.1	6.3
U. S. Indian Service.....	1.3	1.9	2.8
Carey Act enterprises.....	2.1	5.6	8.3
Irrigation districts.....	3.8	4.1	5.1
Cooperative enterprises.....	34.8	32.0	28.4
Individual and partnership enterprises.....	45.5	39.6	32.6
Commercial enterprises.....	10.6	12.5	18.5



Nearly one-half (45.5 per cent) of the acreage irrigated in 1909 was served by individual and partnership enterprises, and about one-third (33.8 per cent) by cooperative enterprises, which are controlled by the water users. Irrigation districts, which served 3.8 per cent of the irrigated land, are also under the control of water users. Thus about 83 per cent of the acreage irrigated in 1909 received a water supply from works controlled by the water users. United States Reclamation Service and Carey Act enterprises, which irrigated 2.9 per cent and 2.1 per cent, respectively, of this total acreage, are to be turned over to the water users when the rights are paid for, and many of the commercial enterprises are operating under a similar arrangement.

Thus the acreage supplied with water by enterprises not controlled by the water users or to be turned over to them ultimately was so small as to be almost negligible. In the arid region there has always existed a fear that the water supply, which is the controlling factor in agriculture in that region, would fall into the control of persons other than the water users, and several states have enacted laws designed to prevent such a result. The original type of commercial enterprise for supplying water for irrigation was the company selling "water rights" which were merely rights to purchase water from the company. The company continued to hold the title to its rights, franchises, and works, even after it had sold rights covering its full "estimated capacity," and it delivered water to purchasers of "water rights" only on the payment of annual rates. Such companies were in fact, however, almost universally financial failures, and most of the works built by them have been bought by the water users for much less than the cost. Nevertheless, several states enacted laws prohibiting the demanding of a "bonus" for supplying water, thus

preventing the organization of new enterprises on this basis. Such laws do not prevent the supplying of water for annual rates, but merely the sale of water rights which carry no interest in the enterprise. As a further limitation to commercial enterprises, most of the states enacted laws giving to some public agency, usually the county commissioners, the power to regulate rates for supplying water for irrigation. More than half the acreage supplied with water by commercial enterprises in 1909 was in California, where there are no laws limiting the sale of water rights, but where rates are very commonly regulated by the county commissioners. The laws preventing the sale of water rights led to the organization of companies of the type which has served as a model for the Carey Act and United States Reclamation Service enterprises—companies selling rights which carry with them an interest in the works and rights belonging to the enterprise, and giving the purchaser a contract to be exchanged for stock, instead of a contract entitling him to receive water from the works.

The figures in the preceding table indicate that, up to the census of 1910 at least, there has been no tendency for water rights to get into the hands of persons other than the water users, or, that if there has been such a tendency, it has been checked by the state laws, or, which seems more likely, by the financial failure of the irrigation enterprises organized on the basis of permanent control of the works by persons other than the water users.

Acreage irrigated, classified by source of water supply: 1909.—In Table 17 the acreage irrigated in the arid region in 1909 is classified according to the source of the water supply. Where a supply is received from more than one source, the land is classified under the source from which the principal supply is derived.

STATE.	ACREAGE IRRIGATED IN 1909.									Total irrigated with pumped water.
	Total.	Supplied from—								
		Streams.		Wells.		Reservoirs.	Lakes.		Springs.	
		By gravity.	By pumping.	Flowing.	By pumping.		By gravity.	By pumping.		
<b>Total</b> .....	13,738,485	12,763,797	157,775	144,400	307,496	98,193	53,284	12,354	196,168	477,626
Arizona .....	320,051	300,067	7,711	1,489	6,096	487	570		3,631	13,807
California .....	2,604,104	2,216,757	29,965	74,128	276,595	16,410	15,896	2,574	31,779	308,134
Colorado .....	2,792,032	2,745,035	13,248	5,171	3,111	16,091	422	634	8,320	15,993
Idaho .....	1,430,846	1,383,718	18,685	1,172	705	732	4,622	1,535	19,679	20,925
Kansas .....	37,479	35,460	20		1,959	2			27	1,979
Montana .....	1,679,084	1,624,656	7,963	207	55	22,614	5,617	5	17,967	8,033
Nebraska .....	255,950	254,105	18		139	1,002			686	157
Nevada .....	701,833	661,299	463	150	37	138	500	406	38,540	906
New Mexico .....	461,718	397,059	1,533	48,877	5,952	1,272	892		6,162	7,435
North Dakota .....	10,248	7,153	1,614		1	1,280			200	1,615
Oklahoma .....	4,388	4,205	50		69	20	28		16	11 <sup>a</sup>
Oregon .....	686,129	643,281	3,585	655	805	3,279	22,915	821	10,788	5,211
South Dakota .....	63,248	47,122	540	1,448	8	13,535	200		395	543
Texas <sup>1</sup> .....	164,283	75,496	59,196	3,710	6,152	6,203	163	295	13,668	65,643
Utah .....	999,410	954,800	2,559	4,160	300	568	1,671		35,412	2,529
Washington .....	334,378	301,341	9,085	3,227	5,437	299	4,698	6,084	4,237	20,606
Wyoming .....	1,133,302	1,112,234	1,540	64	75	14,261	120		5,068	1,615

<sup>1</sup> Exclusive of land irrigated for rice growing.

In the aggregate considerable areas are supplied with water from more than one source. Thus, in California, large areas receive water both by gravity diversion from streams and by pumping from wells, while in Texas some of the newer canals on the Rio Grande receive water by gravity when the river is high and by pumping when the river is low. In both instances most of this land is classed with the acreage that received water by gravity from streams. The only reservoirs which are treated as independent sources of supply are those filled by collecting storm water or from watercourses which are ordinarily dry. When reservoirs are filled from streams or wells, the primary source is considered the source of supply.

More than nine-tenths (92.9 per cent) of the acreage irrigated in 1909 was supplied with water by gravity diversion from streams, and, including cases where water was pumped, streams constituted the source of

supply for 94.1 per cent of the total acreage irrigated. Wells supplied the next largest acreage, 3.3 per cent of the total, about one-third of this acreage being watered by flowing wells. Springs furnished the supply for 1.4 per cent of the total acreage irrigated, and reservoirs and lakes each for less than 1 per cent. Of the total acreage irrigated from wells, California contained 77.6 per cent, and New Mexico 12.1 per cent. In the case of the other sources of supply the acreage irrigated was more generally distributed among the states.

By far the larger part of the acreage irrigated in 1909, as already stated, was supplied by gravity diversion from streams, and this condition will always continue; but as the normal summer flow of streams is exhausted and storage of the flood and winter flow becomes necessary to the serving of larger areas, it is to be expected that other sources will be more largely utilized, especially wells which require pumping.

### IRRIGATION WORKS.

Number of enterprises and number and length of ditches.—Table 18 shows the number of irrigation enterprises and the number and length of main and lateral ditches, respectively, as reported in 1910. It should be borne in mind that some lateral ditches are much larger than some main ditches, and that the distinction is more or less arbitrary.

STATE.	Number of enterprises.	DITCHES: 1910					
		Number.			Length (miles).		
		Total.	Main ditches.	Laterals.	Total.	Main ditches.	Laterals.
<b>Total.....</b>	<b>54,700</b>	<b>81,837</b>	<b>45,720</b>	<b>36,117</b>	<b>125,591</b>	<b>87,529</b>	<b>38,062</b>
Arizona.....	1,260	1,204	801	313	2,597	1,727	870
California.....	13,970	14,733	8,590	6,143	21,120	12,620	8,500
Colorado.....	9,065	14,017	8,405	5,612	22,570	17,554	5,006
Idaho.....	3,062	6,508	3,209	3,359	12,759	7,002	5,027
Kansas.....	716	128	80	39	316	274	42
Montana.....	5,534	14,080	6,073	8,307	18,034	12,000	5,644
Nebraska.....	474	1,458	420	1,038	2,728	1,450	1,200
Nevada.....	1,347	2,525	904	1,531	3,151	1,938	1,213
New Mexico.....	2,780	3,381	2,101	1,280	5,854	4,004	1,100
North Dakota.....	49	93	47	40	120	52	74
Oklahoma.....	114	153	47	108	85	54	31
Oregon.....	3,745	6,100	3,582	2,518	7,591	5,530	2,062
South Dakota.....	395	680	348	332	1,260	631	625
Texas <sup>1</sup> .....	2,161	1,252	630	616	1,003	941	722
Utah.....	2,472	3,852	2,405	1,357	7,709	5,887	1,822
Washington.....	1,954	2,780	1,000	1,180	3,802	2,594	1,298
Wyoming.....	5,577	7,933	5,593	2,340	13,231	10,933	2,298

<sup>1</sup> Exclusive of enterprises supplying water for the irrigation of rice.

The total number of enterprises reported in 1910 was 54,700. The average acreage which these enterprises were capable of supplying with water in 1910 was 353.5. This low average is due to the fact that the small windmill plant watering a single acre is counted as an enterprise equally with the large project supplying water to a hundred thousand acres or more, and that these small enterprises far outnumber the large enterprises, more than three-eighths of the aggregate acreage referred to being reported for individual and partnership enterprises.

The number of main ditches was reported as 45,720, which, divided into the figure for the acreage to which water could be supplied in 1910, gives an average acreage per main ditch of 422.9. An average computed in this way is not absolutely correct, however, since a part of the land under consideration was supplied by pumping plants which delivered water direct to the land to be irrigated and reported no ditches. Since the acreage supplied with pumped water in 1909 formed only 3.5 per cent of the total acreage irrigated in that year and some of the pumping plants reported ditches, the average is approximately correct.

The main ditches had an aggregate length of 87,529 miles. On the basis of the entire acreage which existing enterprises were capable of supplying with water in 1910, the average acreage per mile of main ditch was 220.9. This average is somewhat inaccurate, for the reason noted in the case of the figure representing the average acreage to which water could be supplied per main ditch, but is approximately correct. The total length of all ditches reported was 125,591 miles, and the average acreage per mile of ditch, computed in the same manner as the averages given above, was 153.9.

The ditches enumerated include the small individual and partnership ditches which irrigated only a few acres each as well as the large canals watering extensive areas. As a rule the individual and partnership enterprises divert water from small streams by means of more or less temporary dams of rocks, brush, or sand, and carry it in open, unlined ditches of earth, with few if any structures. The large enterprises have equipment ranging from simple dams and ditches, like those of the individual and partnership enterprises, to elaborate and permanent masonry or concrete dams; masonry, concrete, and steel head-gates, waste gates, and regulating works; and concrete-

lined ditches and reenforced concrete flumes and siphons.

At the time of the census of 1900 most of the canal structures, even of the largest irrigation enterprises, were of wood, and most of the channels were of earth and unlined, which facts account to a considerable degree for the low cost of works per acre served. Within the decade preceding the census of 1910, many of the wooden structures had fallen into decay and were replaced by permanent structures of concrete and steel, while most of the new construction was of better, more permanent, and more costly type. This improvement in the character of the works built, while it increases the first cost of providing a water supply, should do away very largely with the necessity for repairs and replacements and should lessen very materially the danger of disastrous breaks such as have caused not only much direct damage but also indirect loss on account of lack of water during the time repairs were being made.

**Reservoirs.**—Table 19 gives, by states, the number and capacity of reservoirs used for irrigation in 1910. The acre-foot, used to express capacity, is the quantity of water required to cover 1 acre to the depth of 1 foot, or 43,560 cubic feet. Most of these reservoirs are filled from streams during the flood season and in the winter, the stored water being used in the late summer on land which receives its earlier supply by gravity diversion from streams. Some, however, store storm water flowing in drainage channels which are ordinarily dry.

STATE.	RESERVOIRS: 1910	
	Number.	Capacity (acre-feet).
<b>Total</b> .....	<b>6,812</b>	<b>12,581,129</b>
Arizona.....	402	1,349,938
California.....	1,538	743,269
Colorado.....	1,034	2,646,593
Idaho.....	243	1,742,303
Kansas.....	42	31,024
Montana.....	827	530,281
Nebraska.....	44	2,098
Nevada.....	109	325,953
New Mexico.....	522	454,162
North Dakota.....	22	132,187
Oklahoma.....	11	22
Oregon.....	271	1,024,266
South Dakota.....	314	216,205
Texas <sup>1</sup> .....	288	72,051
Utah.....	480	588,317
Washington.....	156	121,543
Wyoming.....	414	2,550,937

<sup>1</sup> Exclusive of reservoirs supplying water for the irrigation of rice.

Colorado was the leading state in the amount of reservoir capacity in 1910, with more than one-fifth (21 per cent) of the total. The Colorado reservoirs are located principally on the plains away from the channels of the streams which supply them with water, and are filled in the flood and winter seasons through feeder canals of large size and through canals which, during the crop-growing season, supply water direct for irrigation. Most of the reservoir sites are

natural depressions on the plains which require embankments for only small parts of their circumferences, these embankments being usually of earth with inside faces riprapped with stone or paved with concrete and the outlets chiefly of masonry or concrete. The water is discharged into canals which carry water from streams or wells as well as water from reservoirs. In Colorado a reservoir belonging to a canal company need not be so situated that the water can be discharged into the canal of the company owning it, as the laws of the state provide that stored water may be turned into a stream for use by lower canals and a like amount of water belonging to these lower canals diverted from the stream at a higher point, if the owner of the lower canal is entitled to water from the stream and the water is there to be taken.

Wyoming ranked next to Colorado in reservoir capacity in 1910, but the larger part of the amount reported in this state represented the returns for the two reservoirs of the United States Reclamation Service—the Pathfinder in the channel of the North Platte River and the Shoshone in the channel of the Shoshone River. These reservoirs were created by the construction of high masonry dams in narrow gorges, above which there are large basins that become flooded when the outlets are closed. At the time of its construction the Shoshone Dam was said to be the highest masonry dam in the world.

In Idaho, which ranked third in reservoir capacity, the large reservoirs are principally outside of the channels of the streams which supply them, but are much larger and fewer in number than similar reservoirs in Colorado. Some of the dams are of masonry or concrete, but the majority are of earth.

Arizona was fourth in reservoir capacity, but in this state almost the entire capacity was that of a single reservoir—the Roosevelt Reservoir of the United States Reclamation Service. The Roosevelt Dam, which is of masonry, creates one of the largest artificial bodies of water in the world.

**Wells.**—Table 20 shows the number and capacity of flowing and pumped wells used for irrigation in 1910. The capacities reported are estimates made by the owners, and are often not very accurate, as few owners have facilities for measuring the discharge of wells. In the case of pumped wells many of the statements of capacity are based on the estimated pump capacity, the capacity of the wells themselves never having been tested.

In the capacity of flowing wells used for irrigation in 1910 New Mexico ranked first with almost one-half of the total reported for the arid region. These wells are principally within a single district lying in the valley of the Pecos River in Chaves and Eddy Counties.

California ranked second in the capacity of flowing wells used for irrigation, reporting considerably more than one-third (35.5 per cent) of the total. Most of

these wells are located in four general groups, of which the largest is in the general vicinity of Los Angeles, in Los Angeles, Orange, and San Bernardino Counties; the next largest is in the vicinity of the south end of San Francisco Bay in Santa Clara County; and the others are in the southern part of the San Joaquin Valley and in the northern part of the Salton Basin.

None of the other states had any considerable acreage irrigated from flowing wells. Utah, which ranked third in the capacity of such wells used for irrigation, reported only 3.2 per cent of the total capacity.

Table 20

STATE.	WELLS: 1910			
	Flowing.		Pumped.	
	Number.	Capacity (gallons per minute).	Number.	Capacity (gallons per minute).
<b>Total</b> .....	<b>5,070</b>	<b>1,345,596</b>	<b>14,558</b>	<b>5,426,139</b>
Arizona.....	214	9,953	470	765,021
California.....	2,301	477,343	10,724	4,110,575
Colorado.....	313	41,980	121	53,564
Idaho.....	62	7,200	24	2,820
Kansas.....	3	30	939	73,362
Montana.....	15	22,185	10	5,263
Nebraska.....			66	3,363
Nebraska.....	10	1,302	6	1,340
New Mexico.....	673	609,208	469	190,690
North Dakota.....			1	15
Oklahoma.....			65	1,791
Oregon.....	51	8,035	92	20,883
South Dakota.....	42	14,382	4	24
Texas <sup>1</sup> .....	122	36,630	1,412	121,691
Utah.....	1,138	42,704	27	4,827
Washington.....	55	18,026	128	60,220
Wyoming.....	2	250	3	855

<sup>1</sup> Exclusive of wells supplying water for the irrigation of rice.

The pumped wells used for irrigation are principally in California, nearly three-fourths (73.7 per cent) of the total number of such wells in 1910 and slightly more than three-fourths of the capacity of such wells (75.9 per cent) being reported from that state. These wells are much more generally distributed over the state than the flowing wells, although the sections where pumping from wells for irrigation is most common are in general the same as those where the flowing wells are most numerous. The lower part of the San Joaquin Valley contained many pumped wells.

Arizona ranked second in the capacity of wells pumped for irrigation in 1910, the larger part of this capacity being reported from the Salt River Valley in Maricopa County. In New Mexico, which followed in order, the largest capacity was reported from Chaves County, which also is credited with the largest capacity of flowing wells used for irrigation. All of the states in the arid region had some wells which were pumped for irrigation in 1910, and in respect to the capacity of these wells Texas, Kansas, and Washington followed the states previously named, in the order given.

**Pumping plants.**—Table 21 gives, by states, the number of pumping plants reported as used for irrigation in 1910, with the capacity of their power plants in horsepower and the capacity of their pumps in gallons per minute. These capacities were not given on all schedules, but in cases of omission estimates have been made on the basis of the figures reported, and included in the totals. For the convenience of persons interested in pumping from an engineering standpoint, the statistics relating to pumping in the rice districts are included in this table.

Table 21

STATE.	PUMPING PLANTS: 1910					
	Number of plants.		Capacity of power plants.		Capacity of pumps.	
	Number.	Per cent of total.	(Horsepower.)	Per cent of total.	(Gallons per minute.)	Per cent of total.
<b>United States</b> .....	<b>15,803</b>	<b>100.0</b>	<b>361,480</b>	<b>100.0</b>	<b>19,355,804</b>	<b>100.0</b>
Total, excluding rice districts.....	13,006	88.0	243,435	67.3	9,947,900	51.4
Arizona.....	420	2.7	37,258	10.3	851,873	4.4
California.....	9,207	58.8	128,143	35.4	5,276,298	27.3
Colorado.....	206	1.3	7,909	2.2	290,037	1.5
Idaho.....	58	0.4	7,065	2.0	278,500	1.4
Kansas.....	608	4.4	1,517	0.4	128,276	0.7
Montana.....	125	0.8	3,511	1.0	281,100	1.5
Nebraska.....	75	0.5	140	( <sup>1</sup> )	5,366	( <sup>1</sup> )
Nevada.....	18	0.1	603	0.2	24,205	0.1
New Mexico.....	413	2.6	14,226	3.9	216,355	1.1
North Dakota.....	4	( <sup>1</sup> )	2,038	0.6	182,115	0.9
Oklahoma.....	68	0.4	107	( <sup>1</sup> )	4,541	( <sup>1</sup> )
Oregon.....	220	1.4	3,095	0.9	118,514	0.6
South Dakota.....	8	0.1	63	( <sup>1</sup> )	5,280	( <sup>1</sup> )
Texas <sup>2</sup> .....	1,784	11.3	20,015	5.8	1,455,285	7.5
Utah.....	69	0.4	2,143	0.6	315,057	1.6
Washington.....	391	2.5	13,847	3.8	365,411	1.9
Wyoming.....	34	0.2	705	0.2	142,529	0.7
Rice districts total.....	1,807	12.0	118,045	32.7	9,407,905	48.6
Arkansas.....	315	2.0	12,440	3.4	436,402	2.3
Louisiana.....	1,007	6.4	57,426	15.9	5,094,173	26.2
Texas.....	575	3.6	48,170	13.3	3,907,380	20.2

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

<sup>2</sup> Exclusive of plants supplying water for the irrigation of rice.

The total number of pumping plants reported as used for irrigation in 1910 was 15,803. The power plants had a capacity of 361,480 horsepower, and the pumps a capacity of 19,355,804 gallons per minute, the average power capacity per plant being 22.9 horsepower, and the average pump capacity per plant 1,224.8 gallons per minute. The average lift has not been tabulated, but the relation between power and pump capacity, on a basis of 100 per cent efficiency, would allow a lift of 74 feet. As the average efficiency in general practice does not exceed 50 per cent, however, the average lift would be only about 37 feet.

In the table the plants used for the irrigation of general crops throughout the West are shown separately from those used for rice irrigation in Arkansas, Louisiana, and Texas. The plants used outside the rice industry formed 88 per cent of the total number and had 67.3 per cent of the power reported and 51.4 per

cent of the pump capacity. For these plants the average capacity of power plants was 17.5 horsepower, and the average pump capacity per plant was 715.4 gallons per minute, these figures indicating, on the basis of 50 per cent efficiency, an average lift of 48.5 feet.

The plants used in connection with rice growing represented 12 per cent of the total number, 32.7 per cent of the power capacity, and 48.6 per cent of the pump capacity. It appears, therefore, that the rice districts had about one-eighth of the number of plants with nearly one-half the pump capacity. For this group of plants the average capacity of power plants was 62.2 horsepower, and the average capacity of the pumps per plant was 4,959.4 gallons per minute, the average lift, computed on a basis of 50 per cent efficiency, being 24.9 feet. This comparatively low lift accounts to a considerable extent for the larger pump capacity per horsepower shown for these plants as compared with those in the arid region as a whole.

As shown by the percentage columns of Table 21, considerably more than one-half (58.8 per cent) of the pumping plants were in California. Texas ranked second, with 14.9 per cent of the total number, and

Louisiana third, with 6.4 per cent. Every state covered by the irrigation inquiry had some pumping plants, but the states named are the only ones in which there has been a large development of pumping for irrigation.

The capacity of power plants was distributed among the states in different proportions from those shown for the number of plants, although the three leading states were the same and ranked in the same order. California, with 58.8 per cent of the plants, reported but 35.4 per cent of the power; while Texas, with 14.9 per cent of the plants, reported 19.1 per cent of the power; and Louisiana, with 6.4 per cent of the plants, reported 15.9 per cent of the power.

In capacity of pumps also the same states led, but with approximately equal amounts. Texas was first in this respect with 5,362,665 gallons per minute (27.7 per cent of the total for the United States), followed by California with 5,276,298 gallons per minute (27.3 per cent of the total); and Louisiana with 5,064,173 gallons per minute (26.2 per cent of the total).

The statistics relating to pumping water for irrigation are given in greater detail on page 865.

**COST OF IRRIGATION ENTERPRISES IN THE ARID REGION.**

The section which follows relates to the cost of irrigation enterprises in the arid region. Statistics as to the cost of enterprises supplying water for the irrigation of rice are given in Tables 2 and 3.

Table 22 gives, by states, the total cost of irrigation

enterprises in the arid region as reported at the Eleventh, Twelfth, and Thirteenth Censuses, and also the estimated final cost of enterprises which were either completed or under way on July 1, 1910, the date of the census of irrigation of 1910.

STATE	1910		1890	1880	Increase.		
	Estimated final cost.	Cost to July 1.			1890-1910 <sup>1</sup>		1880-1890
			Amount.	Per cent.	Per cent.		
<b>Total.....</b>	<b>\$424,821,186</b>	<b>\$307,866,369</b>	<b>\$68,962,275</b>	<b>\$29,611,000</b>	<b>\$240,964,084</b>	<b>259.1</b>	<b>128.1</b>
Arizona.....	24,828,868	17,677,966	4,435,352	465,000	13,239,614	298.1	534.5
California.....	84,392,344	72,580,030	19,181,610	13,008,000	33,398,420	278.4	47.5
Colorado.....	76,443,239	56,636,443	11,758,703	6,369,000	44,877,740	281.7	84.6
Idaho.....	68,451,106	40,977,688	5,120,399	1,029,000	35,857,989	709.3	207.6
Kansas.....	1,365,563	1,365,563	629,755	( <sup>2</sup> )	835,908	157.8	
Montana.....	32,382,077	23,970,958	4,683,073	1,623,000	13,287,885	290.5	128.5
Nebraska.....	9,485,231	7,798,310	1,310,688	( <sup>2</sup> )	6,457,612	465.0	
Nevada.....	12,188,756	6,721,924	1,537,559	1,251,000	5,184,365	237.2	22.7
New Mexico.....	11,640,091	9,154,897	4,166,312	312,000	4,969,565	119.8	713.5
North Dakota.....	836,482	836,482	16,980	( <sup>2</sup> )	819,502	4,226.3	
Oklahoma.....	47,200	47,200	21,872	( <sup>2</sup> )	25,328	115.8	
Oregon.....	39,216,619	12,780,214	1,843,771	828,000	10,946,443	592.1	122.2
South Dakota.....	3,800,556	3,043,140	284,747	( <sup>2</sup> )	2,788,263	968.7	
Texas <sup>4</sup> .....	8,613,533	7,346,708	705,608	2,786,000	6,641,100	341.2	111.0
Utah.....	17,840,775	14,028,717	5,863,942	197,000	8,168,415	129.2	674.3
Washington.....	22,322,856	16,219,149	1,525,369	1,281,000	14,938,796	963.2	202.2
Wyoming.....	20,425,890	17,700,980	3,973,165		13,727,815	345.5	

<sup>1</sup> Increase computed on the basis of the cost to July 1, 1910.  
<sup>2</sup> Includes \$273,000 for Kansas, Nebraska, North Dakota, South Dakota, and Texas, which is not distributed in the report of the census of 1890, these five states being grouped under the designation of "subhumid region."  
<sup>3</sup> Separate figures not available.  
<sup>4</sup> Exclusive of enterprises supplying water for the irrigation of rice.

The cost of irrigation enterprises up to July 1, 1910, as reported at the Thirteenth Census, includes the cost of construction, the cost of acquiring rights, and any added costs incident to construction, such as the purchase of land for rights of way, the building of structures for use in operation and maintenance, and engineering and legal expenses. For all of the larger enterprises the cost is that given by the owners, but it is probable that in many cases this is estimated rather than taken from actual accounts. For some of the smaller enterprises the cost was estimated by the special agents of the Census Bureau, and in the case of some schedules received by mail the cost has been estimated in the bureau on the basis of the average cost per acre for other enterprises of the same class in the same vicinity. Many of the smaller ditches were built a number of years ago by their owners without the expenditure of much, if any, money, and many of these have since changed hands. In such cases the cost given by the present owners is only a rough estimate. The data as to cost reported for 1899 and 1889 are probably somewhat less accurate than those for 1910. The figures for cost given in the Twelfth Census report is designated as the "cost of construction of systems operated in 1899." The figure for cost at the Eleventh Census is an estimate consisting of the sum of the amounts obtained by multiplying the acreage irrigated by the average first cost per acre of obtaining water, or of water rights, as given by the irrigators. Although the items covered by the figures for cost are not specifically stated in the reports for the previous censuses, it is probable that the figures there given include the same items represented in the figures for cost in 1910. It should be borne in mind that the figures for earlier censuses are exclusive of statistics for Indian reservations, whereas such statistics are included in the figures for the census of 1910.

The total cost of irrigation enterprises up to July 1, 1910, was reported as \$307,866,000, which represents an increase of \$240,904,000, or 359.8 per cent, over the cost reported at the census of 1900. In no state in the arid region was the increase in cost for this period less than 100 per cent, the highest percentage of increase being in North Dakota and the lowest in Oklahoma. With respect to absolute increase California ranked first, Colorado second, Idaho third, and Montana fourth. The year 1910 was in the midst of a period of great activity in the construction of irrigation works, and on July 1, 1910, a large number of works were incomplete. The "estimated final cost" reported, \$424,281,000, is the sum of the cost up to July 1 and the estimated cost of completing these unfinished works.

California shows not only the largest investment in irrigation works, but also the largest prospective investment. Colorado ranked second in both respects, notwithstanding the fact that the acreage irrigated in

1909 was larger in that state than in California. Idaho was third in both present and prospective expenditures for irrigation works, although Montana had a greater irrigated acreage in 1909.

The difference between the cost to July 1, 1910, and the estimated final cost indicates in a general way the extent of the new development in the various states. Oregon shows the largest difference between these figures, followed by Colorado and Idaho.

**Average cost per acre.**—Table 23 gives the average cost of irrigation enterprises per acre. The averages for 1889 and 1899 are, with one exception, for the acreage actually irrigated in the respective years. These averages are probably considerably higher than if they had been calculated on the basis of the acreage the enterprises were capable of irrigating. At the Thirteenth Census the average cost per acre has been computed by dividing the cost to July 1, 1910, by the acreage which enterprises were capable of irrigating in 1910. Averages based on the acreage irrigated in 1909 and the cost to July 1, 1910, are, however, also presented as a rough basis for comparison with the averages for the previous censuses. In addition, averages based on the estimated final cost of enterprises and the acreage which their owners expect finally to be able to supply with water are given. These latter averages would represent most accurately the true cost of providing works to supply water for irrigation, were it not for a more or less general tendency to underestimate cost and overestimate the acreage it will be possible to serve.

**Table 23** AVERAGE COST OF IRRIGATION ENTERPRISES PER ACRE.

STATE.	1910			1899	1889
	Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.	Based on cost to July 1, 1910, and acreage irrigated in 1909.	Based on estimated final cost and acreage included in projects.		
<b>Total</b> .....	<b>\$15.92</b>	<b>\$22.41</b>	<b>\$13.64</b>	<b>\$8.91</b>	<b>\$8.15</b>
Arizona.....	45.00	55.23	26.30	23.94	7.07
California.....	20.05	27.24	15.37	13.27	12.95
Colorado.....	14.19	20.29	12.92	7.30	7.15
Idaho.....	17.15	28.04	16.47	13.79	4.74
Kansas.....	9.75	30.44	8.47	22.43	( <sup>2</sup> )
Montana.....	10.42	13.68	0.21	4.92	4.63
Nebraska.....	18.17	30.47	13.95	8.82	( <sup>2</sup> )
Nevada.....	7.99	9.58	9.89	3.05	7.58
New Mexico.....	14.19	19.83	10.56	20.43	5.58
North Dakota.....	38.17	81.62	21.01	3.49	( <sup>2</sup> )
Oklahoma.....	7.38	10.76	5.53	7.93	.....
Oregon.....	15.36	18.60	15.52	4.75	4.64
South Dakota.....	23.69	48.11	18.85	6.52	( <sup>2</sup> )
Texas <sup>3</sup> .....	21.57	44.72	11.43	17.23	( <sup>2</sup> )
Utah.....	11.22	14.04	9.16	9.32	10.55
Washington.....	34.47	48.51	27.32	12.03	4.03
Wyoming.....	10.80	15.62	9.18	6.50	3.02

<sup>1</sup> Based on acreage under ditch in 1890.

<sup>2</sup> Figures for Kansas, Nebraska, North Dakota, South Dakota, and Texas are not shown separately in the report of the census of 1890, these five states being grouped under the designation of "subhumid region." The average for the subhumid region was \$4.07.

<sup>3</sup> Exclusive of land irrigated for rice growing.

The average cost per acre based on the acreage irrigated in 1909 was \$22.41; that based on the acreage enterprises were capable of irrigating in 1910 was \$15.92; and that based on the estimated final cost and the acreage included in projects was \$13.64.

Between 1889 and 1899 there was no marked increase in the average cost of irrigation enterprises per acre of land irrigated, but in 1910 the average cost per acre was very much higher. The chief reason for this is the fact that, naturally, irrigation enterprises were first undertaken where water could be most easily secured and engineering difficulties were least serious. The works built during more recent years have been of necessity on a much larger scale than those built formerly, and, in most cases, of a better and more permanent type of construction. Indeed, much of the cost incurred between 1899 and 1910 was for the improvement of existing works, especially by the addition of reservoirs, which did not provide water for new lands, but rather provided a better supply for land already irrigated.

**Average cost per acre, by type of enterprise.**—Table 24 gives the average cost of irrigation enterprises per acre in 1910, computed in the three ways just shown, for each class of enterprises.

The highest average cost per acre on each basis is shown for the United States Reclamation Service enterprises, and the next highest in each case for Carey Act enterprises. Irrigation districts ranked third and commercial enterprises fourth, except in one case where their order is reversed. These four classes comprise the large enterprises which are engaged in developing new lands, and most of their work is of recent date. The works built by individuals or cooperative enterprises, which are smaller and were for the most part built at an earlier period, naturally

utilized the sources from which water could be most readily diverted and transported to the land to be irrigated. As the larger works of recent date serve land farther from the streams and involve better, more expensive, and more permanent construction, the average cost per acre is higher for such works than for the small works.

CLASS OF ENTERPRISE.	AVERAGE COST OF IRRIGATION ENTERPRISES PER ACRE.		
	Based on cost to July 1, 1910, and acreage enterprises were capable of irrigating in 1910.	Based on cost to July 1, 1909, and acreage irrigated in 1909.	Based on estimated final cost and acreage included in projects.
All classes.....	\$25.92	\$22.41	\$13.64
U. S. Reclamation Service <sup>1</sup> .....	67.52	134.17	48.14
U. S. Indian Service.....	12.78	27.82	13.33
Carey Act enterprises.....	26.55	115.20	21.75
Irrigation districts.....	27.37	41.44	19.53
Cooperative enterprises.....	12.59	17.19	19.37
Individual and partnership enterprises.....	7.69	8.69	5.22
Commercial enterprises.....	24.98	41.71	15.79

<sup>1</sup> Does not include enterprises reporting no acreage irrigated.

**Average cost per acre for enterprises classified by size.**—The average cost of irrigation works per acre for enterprises classified by size is shown in Table 25. The classification is based on the acreage included in projects.

It will be noted that in general the cost per acre irrigated increases with the size of enterprises. This condition is due at least in a considerable measure to the fact, already noted, that most of the larger enterprises, which are mainly of recent date, have had to seek water more difficult to obtain than that secured by the smaller enterprises, and that they represent a better type of works.

	Total.	ENTERPRISES CONTAINING—				
		Less than 25,000 acres.	25,000 but less than 50,000 acres.	50,000 but less than 75,000 acres.	75,000 but less than 100,000 acres.	100,000 acres and over.
Number of enterprises.....	54,700	54,548	74	28	16	34
Acreage:						
Irrigated in 1909.....	13,738,485	11,395,874	892,624	412,665	294,081	830,861
Enterprises were capable of irrigating in 1910.....	19,334,697	14,789,465	1,231,145	728,785	433,314	2,641,778
Included in projects.....	31,111,142	20,632,614	2,423,289	1,623,248	1,300,247	5,326,641
Cost:						
To July 1, 1910.....	\$307,866,369	\$175,308,121	\$23,411,977	\$19,524,778	\$14,420,324	\$33,209,869
Estimated final.....	\$424,281,185	\$207,068,121	\$63,154,636	\$33,537,574	\$21,368,431	\$42,912,294
Average cost per acre based on:						
Acreage irrigated in 1909 and cost to July 1, 1910.....	\$22.41	\$15.38	\$28.14	\$47.21	\$54.60	\$90.29
Acreage enterprises were capable of irrigating in 1910 and cost to July 1, 1910.....	\$15.92	\$11.85	\$18.27	\$26.79	\$29.22	\$61.80
Acreage included in projects and estimated final cost.....	\$13.64	\$10.04	\$13.70	\$20.66	\$28.32	\$25.20

**Operation and maintenance.**—Table 26 gives the average expenditure per acre for the operation and maintenance of irrigation enterprises in 1909. The inquiry as to this item was not extended to individual and partnership enterprises, for the reason that farmers owning their ditches usually clean and repair them at odd times without keeping any record of the time or money expended. In the case of some enterprises of other classes, no reports were received. The statistics for cost of operation reported at the two previous censuses, for various reasons, are not fairly comparable with those for 1909, and consequently are not shown in the table.

For the arid region as a whole, the average cost of operation and maintenance per acre irrigated in 1909 was \$1.07. The abnormal cost shown for North Dakota (\$28.40) relates almost entirely to a single large project which supplied water in 1909 to only a small part of the acreage which it is designed to serve. The lowest average is for Oklahoma (\$0.51 per acre).

STATE.	Acreage irrigated in 1909 by enterprises for which cost of operation and maintenance was reported.	REPORTED COST OF OPERATION AND MAINTENANCE IN 1909.	
		Amount.	Average per acre for which cost was reported.
<b>Total</b> .....	<b>6,379,955</b>	<b>\$6,828,433</b>	<b>\$1.07</b>
Arizona.....	230,429	214,358	0.93
California.....	1,368,247	2,109,431	1.54
Colorado.....	1,401,670	1,046,208	0.75
Idaho.....	883,698	560,032	0.63
Kansas.....	34,255	54,595	1.59
Montana.....	394,507	349,662	0.89
Nebraska.....	209,023	227,385	1.09
Nevada.....	88,976	86,110	0.97
New Mexico.....	278,430	377,072	1.36
North Dakota.....	1,610	45,718	28.40
Oklahoma.....	1,969	1,000	0.51
Oregon.....	203,855	198,131	0.75
South Dakota.....	25,514	10,288	0.04
Texas <sup>1</sup> .....	100,097	350,260	3.25
Utah.....	680,004	451,283	0.66
Washington.....	170,107	543,312	3.03
Wyoming.....	221,876	190,048	0.86

<sup>1</sup> Exclusive of enterprises supplying water for the irrigation of rice.

#### QUANTITY OF WATER USED.

The law providing for the census of irrigation in 1910 prescribed that inquiries be made as to the quantity of water used per acre for irrigation in the arid region. Accordingly, inquiries covering this subject were placed on both the supplemental irrigation schedules used by the regular agricultural enumerators and the special irrigation schedules used by special agents, although it was realized at the time the work was planned that very few farmers kept even approximate records of the quantity of water used, and that most canal owners had no records of either the quantity taken into their canals or that delivered by them. On the supplemental schedules replies were made to these inquiries in so small a percentage of cases that it was not considered worth while to tabulate them. On the special schedules there were more replies, but the enterprises to which these replies relate did not supply a very large proportion of the acreage irrigated, and in very few cases did the quantities given represent actual measurements or accurate records. The results obtained from tabulating the replies on the special schedules, as given in the following paragraphs, therefore, can be considered only as more or less close approximations of the quantities diverted by the enterprises reporting.

Quantities of water used in irrigation are usually expressed in one of two ways: (1) in terms representing the volume of flowing water or the rate at which it is delivered, as the number of cubic feet per second, the number of miner's inches or the number of gallons per minute; or (2) in terms of quantity, without reference to the rate of delivery, as the number of cubic feet, acre-feet, or gallons. Where the time during which a given flow continues and the time within which a given quantity is delivered are given, quantities expressed in either form can be converted into the other, but without the time factor these con-

versions can not be made. Since few of the schedules give the time factor, no attempt has been made to reduce figures showing the rate of flow and those showing the quantity used to a common unit. All replies stating the rate of flow have been included in one tabulation, and those giving the quantity used have been included in another tabulation. The figures given represent the amount of water provided at the heads of the ditches, not the amount delivered to irrigators.

The relation between the quantity of water used and the acreage irrigated, expressed either in acreage irrigated per unit of volume of flowing water or in quantity of water per unit area of land, is commonly called the "duty of water." When the rate of flow is given, the "duty" is usually expressed in acres irrigated per cubic foot per second, and when the quantity of water is given, the "duty" is usually expressed in acre-feet used per acre irrigated, which represents the depth to which the water used would cover the land if it were all held on the surface, since the acre-foot is the quantity of water required to cover 1 acre to a depth of 1 foot.

The number of enterprises that reported the volume of water used in 1909 in units of flowing water (which have been reduced to cubic feet per second) was 815, and the acreage irrigated by them was 2,501,699. The total volume of water reported as used by these enterprises amounted to 40,257 cubic feet per second. Thus the average area irrigated per cubic foot per second was 62 acres. While the acreage covered by these reports formed slightly less than one-fifth of the total acreage reported as irrigated in 1909, the average area irrigated per cubic foot per second agrees so closely with measurements and estimates made by other branches of the Government that the result may be considered representative.



The number of enterprises reporting the quantity of water used in 1909 in acre-feet or other units of quantity was 226, and these enterprises irrigated a total of 924,542 acres. The quantity of water reported as used was 4,450,681 acre-feet, or 4.8 acre-feet per acre for the land irrigated. This average agrees almost exactly with that given for the enterprises reporting the quantity of water used in cubic feet per second, as 1 cubic foot per second flowing for a period of five months, which covers the average irrigation season, would supply almost exactly 4.8 acre-feet per acre to an area of 62 acres. This figure agrees also with the results reported by the United States Department of Agriculture and the United States Reclamation Service. The latter reported having delivered 3.5 acre-feet per acre in 1910 and 3.7 acre-feet per acre in 1911. The

average for the two years, 3.6 acre-feet, with an allowance of 25 per cent for losses by seepage, would indicate a quantity diverted amounting to 4.8 acre-feet per acre. It seems probable, therefore, that while the results given do not represent a large percentage of the acreage irrigated, returns covering the entire acreage would give approximately the same averages.

The relation between ditch capacity and acreage in projects was determined for 855 enterprises, including 7,115,286 acres. These enterprises reported an aggregate capacity of main ditches amounting to 119,578 cubic feet per second, or an average of 1 cubic foot per second for 60 acres. These results, like the other averages given, are probably representative, although they do not cover the entire acreage under ditch.

CROPS.

The returns of crops grown on irrigated land in the arid region, which were made by the regular enumerators of population and agriculture, are somewhat incomplete, for the reason that, owing to the late date at which the provisions of law regarding the irrigation census were passed, the enumerators could not be as carefully instructed regarding the special irrigation schedules as regarding the regular agricultural schedules. On many of the schedules the agricultural enumerators reported land as irrigated, but failed to return separately the crops grown on such land. The total acreage of crops reported as irrigated formed 52.7 per cent of the total acreage irrigated in 1909; and while part of the remainder was doubtless in pasture, it is evident that part was in crops not reported as grown under irrigation and a part was probably in crops not harvested. Although the totals are thus incomplete, the returns are sufficiently accurate to afford reliable averages of yields and values, and to show the relative importance of the various crops.

on the other hand, 32.4 per cent of the total acreage of irrigated crops in 1909 was in wild grass, and irrigated fruit crops were insignificant.

Table 27 gives, by states, the total acreage and total value of crops reported as irrigated in 1909, with the average value per acre.

The table shows for all crops reported as irrigated an average value per acre of \$25.08.

The highest average value per acre for crops raised on irrigated land is that for Washington, \$49.82; which is followed by that for Texas (exclusive of rice), \$45.43; and that for California, \$43.50. Wyoming showed the lowest average value per acre, \$12.61. As is to be expected, the average value per acre is highest in the states with large areas of fruits, vegetables, and other special crops raised by means of irrigation, while in states where forage crops and grains predominate the average was lower. Orchard fruits and grapes comprised 10.8 per cent of the total acreage of irrigated crops in Washington in 1909, and these crops and tropical fruits comprise 20.7 per cent of the total in California, and vegetables and other special crops occupied a large part of the total acreage of irrigated crops in Texas, exclusive of rice. In Wyoming,

Table 27

STATE.	CROPS IRRIGATED: 1909		
	Acreage.	Value.	
		Total.	Average per acre.
Total reported.....	7,241,561	\$251,627,494	\$25.08
Arizona.....	171,262	4,728,399	27.54
California.....	1,196,767	52,927,467	43.50
Colorado.....	1,659,326	39,423,394	23.52
Idaho.....	773,084	19,582,313	21.46
Kansas.....	22,123	477,623	21.57
Montana.....	949,342	14,525,969	15.29
Nebraska.....	137,211	1,973,899	14.39
Nevada.....	336,679	5,329,475	15.80
New Mexico.....	239,004	3,795,922	24.40
North Dakota.....	3,273	56,225	17.18
Oklahoma.....	2,896	21,995	18.29
Oregon.....	366,911	7,429,255	20.30
South Dakota.....	26,426	525,684	19.52
Texas <sup>1</sup> .....	58,227	2,645,385	45.43
Utah.....	579,744	14,842,892	25.59
Washington.....	169,483	7,994,531	49.82
Wyoming.....	583,786	7,382,262	12.61

<sup>1</sup> Exclusive of rice.

Table 28 shows the reported acreage and value of each important irrigated crop in the arid region as a whole in 1909, with the percentage of the total represented by each.

In acreage alfalfa ranked first, with 30.6 per cent of the total reported; wild, salt, or prairie grasses second, with 21.1 per cent; and oats third, with 10.2 per cent. The forage crops which are shown separately in the table occupied about 63 per cent of the total reported acreage; the cereals shown separately about 23 per cent; sugar beets, 2.5 per cent; potatoes, 2.3 per cent; tropical, subtropical, and orchard fruits and grapes about 5 per cent; and the crops such as vegetables, root forage, cotton, buckwheat, and others (grouped under the heading "all other"), 4.6 per cent.

In value also alfalfa was most important, representing 28 per cent of the total amount reported; but orchard fruits and grapes ranked second in this respect among the crops shown separately, and tropical and

subtropical fruits third, notwithstanding the relatively small acreages in these crops.

**Table 28**

CROP.	CROPS IRRIGATED: 1909 <sup>1</sup>			
	Acreage.		Value.	
	Amount.	Per cent of total.	Amount.	Per cent of total.
Total reported .....	7,241,561	100.0	\$181,617,496	100.0
Alfalfa.....	2,216,628	30.6	50,850,533	28.0
Wild, salt, or prairie grasses.....	1,530,669	21.1	11,734,258	6.5
Oats.....	739,632	10.2	14,055,424	7.7
Wheat.....	548,173	7.6	12,820,982	7.1
Barley.....	240,117	3.3	4,399,445	2.4
Orchard fruits and grapes.....	230,385	3.3	18,245,182	10.0
"Other tame or cultivated grasses" <sup>2</sup> .....	210,701	3.0	2,571,297	1.4
Grains cut green.....	209,363	2.9	2,092,570	1.6
Timothy alone.....	202,817	2.8	3,211,751	1.8
Sugar beets.....	184,467	2.5	10,511,467	5.8
Timothy and clover mixed.....	183,308	2.5	3,071,635	1.7
Potatoes.....	108,014	2.3	10,085,692	5.6
Corn.....	133,673	1.8	2,423,507	1.3
Tropical and subtropical fruits.....	99,431	1.4	15,344,375	8.4
All other.....	330,183	4.6	19,293,078	10.6

<sup>1</sup> Includes amounts too small to report in state bulletins.  
<sup>2</sup> Includes millet or Hungarian grass.

**Average yields per acre.**—Table 29 shows for each of the leading crops grown on irrigated land the average yield per acre in comparison with the average yield of the same crop on unirrigated land in the United States as a whole. Yields for fruit crops are not given because of the large variety of units in which these yields were expressed and because the general agricultural schedules do not show the acreage in these crops.

**Table 29**

CROP.	AVERAGE YIELD PER ACRE: 1909		EXCESS OF AVERAGE YIELD ON IRRIGATED LAND OVER THAT ON UNIRRIGATED LAND. <sup>1</sup>	
	On irrigated land, arid region.	On unirrigated land, entire United States.	Amount.	Per cent.
<b>Cereals:</b>				
Corn.....bushels..	23.7	25.0	-2.2	-8.5
Oats.....bushels..	36.8	28.5	8.3	29.1
Wheat.....bushels..	25.0	15.3	10.3	67.3
Barley.....bushels..	20.1	22.3	6.8	30.5
<b>Hay and forage:</b>				
Alfalfa.....tons..	2.94	2.14	0.80	37.4
Timothy alone.....tons..	1.73	1.22	0.51	41.8
Timothy and clover mixed.....tons..	1.82	1.20	0.56	44.4
"Other tame or cultivated grasses" <sup>2</sup> .....tons..	1.53	1.05	0.48	45.7
Wild, salt, or prairie grasses.....tons..	1.06	1.07	-0.01	-0.9
Grains cut green.....tons..	1.40	1.23	0.23	18.7
<b>Sundry crops:</b>				
Potatoes.....bushels..	153.0	103.8	49.8	48.0
Sugar beets.....tons..	11.80	9.70	2.10	22.0

<sup>1</sup> A minus sign (-) indicates that the yield on irrigated land was less than that on unirrigated land.  
<sup>2</sup> Includes millet or Hungarian grass.

For each of the crops presented in the table except corn and wild, salt, or prairie grasses, the average yield on irrigated land exceeded that on unirrigated land, the percentages of excess ranging from 18.7 for grains cut green to 67.3 per cent for wheat. As climatic conditions in the arid region are not favorable to corn, it is not grown to a large extent there. In the case of wild, salt, or prairie grasses the average yields on irrigated and unirrigated land were practi-

cally equal. A large part of the unirrigated wild grass is cut on river bottom lands where the soil is likely to be wet, even without irrigation, and consequently a difference in favor of irrigated land is not to be expected.

A combined average for all the crops listed in Table 29, each being given a weight corresponding to its acreage, shows an excess yield of 28.6 per cent for the crops grown on irrigated land over those grown on unirrigated land. It is of course obvious that this difference in no way represents the advantage of farming with irrigation over farming without irrigation, since the comparison takes no account of the cost of production and other important factors. In some sections where the rainfall is plentiful irrigation would add little to the yield, but in arid sections often little or nothing can be raised without irrigation.

**Average values per acre.**—The average values per acre in 1909 of the leading irrigated crops reported for the arid region are shown in Table 30 in comparison with averages for the same crops grown on unirrigated land for the United States as a whole, so far as acreage figures are available for these.

**Table 30**

CROP.	AVERAGE VALUE PER ACRE: 1909		EXCESS OF AVERAGE VALUE FOR IRRIGATED LAND OVER THAT FOR UNIRRIGATED LAND.	
	On irrigated land, arid region.	On unirrigated land, entire United States.	Amount.	Per cent.
Tropical and subtropical fruits.....	\$154.32	( <sup>1</sup> )		
Orchard fruits and grapes.....	77.18	( <sup>1</sup> )		
Potatoes.....	60.03	\$44.06	\$15.37	34.4
Sugar beets.....	57.29	51.87	5.42	10.4
Wheat.....	23.40	14.75	8.65	58.6
Alfalfa.....	22.94	16.97	5.97	35.2
Oats.....	19.00	11.04	7.36	63.2
Barley.....	18.32	11.81	6.51	55.1
Corn.....	18.13	14.02	3.51	24.0
Timothy and clover mixed.....	16.76	13.13	3.63	27.6
Timothy alone.....	15.84	12.76	3.08	24.1
Grains cut green.....	14.29	14.20	0.08	0.2
"Other tame or cultivated grasses" <sup>2</sup> .....	11.70	10.35	1.35	13.0
Wild, salt, or prairie grasses.....	7.67	5.00	2.61	51.6
All other.....	58.43	( <sup>3</sup> )		

<sup>1</sup> Acreage not reported. <sup>2</sup> Includes millet or Hungarian grass.  
<sup>3</sup> Comparable figure not available.

Among the crops grown on irrigated land in 1909, tropical and subtropical fruits led in average value per acre by a wide margin, orchard fruits and grapes ranking second. Potatoes followed the fruit crops, with an average value of \$60.03, and sugar beets were next of the crops shown separately, the average value being \$57.29 per acre. Alfalfa, the most important irrigated crop, had an average value per acre of \$22.94. In comparing the average values per acre for different crops it should be borne in mind that the crops with higher average values often require more expensive methods of cultivation than those with lower average values.

Each of the crops shown in the table for which comparisons are made had a higher average value per acre for irrigated land than is shown for the same crop

grown on unirrigated land for the United States. The excess in favor of the products raised on irrigated land for the crops included in the comparison ranged from 0.2 per cent for grains cut green to 63.2 per cent for oats. The average excess in value for irrigated crops, computed on the basis of the total acreages and total values of the crops for which comparative figures are given in the table, was about 43 per cent. It should be noted that the comparison just made does not include the crops with the highest average values per acre, such as fruits and vegetables.

Assuming, however, that the percentage just given holds for all crops, and that the average value per acre for irrigated crops—\$25.08—is 43 per cent higher than the average value per acre for crops grown without irrigation, the latter figure would be \$17.54, and the difference in favor of the irrigated crops would be \$7.54.

No data as to the cost of producing crops with and without irrigation were collected by the Census Bureau, and consequently no comparisons can be made of the net returns per acre of crops grown on irrigated and on unirrigated lands, but against the excess average value per acre of irrigated crops, shown above, must be charged the cost of obtaining a water supply and of applying the water to crops, as well as the cost of leveling land and building farm ditches. The annual cost of irrigating should include interest on the cost of irrigation enterprises, of farm ditches, and of leveling land; the annual cost of operation and maintenance of irrigation enterprises; and the cost of applying water. The average first cost of irrigation enterprises, as shown by Table 1, was \$15.92 per acre, and the cost of farm ditches and of leveling land and getting it ready for the application of water is estimated at about the same figure.<sup>1</sup> The interest on the initial investment thus computed, at 8 per cent would be \$2.55 per acre; the annual cost of operation and maintenance of irrigation enterprises shown in Table 1 for 1909 was \$1.07 per acre; and the average annual cost of applying water to land is reported by the United States Department of Agriculture as ranging from \$2.28 to \$4.90 per acre, with an average of \$3.64.<sup>2</sup> The sum of the three items just given, \$7.26, may be taken as a fair statement of the annual cost per acre of irrigating. Assuming that outside of irrigating the cost of producing crops is the same with and without irrigation, there appears to be a slight advantage in favor of irrigation. There are, however, no available data to show whether the assumption made is justifiable, but the figures given leave little doubt that irrigation pays for itself.

<sup>1</sup> See U. S. Department of Agriculture Yearbook, 1903, Preparing Land for Irrigation, by R. P. Teele, p. 250.

<sup>2</sup> U. S. Department of Agriculture, Bulletin 145, Office of Experiment Stations, p. 84.

**Comparison with preceding census.**—According to the reports of the Twelfth Census the total acreage of irrigated crops in the arid and semiarid states in 1899 was 5,932,557, while the acreage of such crops reported at the census of irrigation of 1910 was 7,241,561, which represents an increase of 22.1 per cent. The fact that this increase is much smaller than the increase in the acreage reported as irrigated (82.7 per cent) is a further indication that the crop reports of the census of irrigation taken in 1910 are incomplete. Because of this incompleteness the crop figures of the two censuses are not compared directly, but in Table 31 the percentage which the acreage in each irrigated crop formed of the total acreage reported in such crops is shown for the two censuses.

Table 31

CROP.	ACREAGE OF IRRIGATED CROPS.			
	1909		1899	
	Acreage.	Per cent of total.	Acreage.	Per cent of total.
Total reported.....	7,241,561	100.0	5,932,557	100.0
Alfalfa.....	2,216,628	30.6	1,517,398	25.6
Wild, salt, or prairie grasses.....	1,559,989	21.4	997,429	16.8
Oats.....	739,632	10.2	352,385	5.9
Wheat.....	548,173	7.6	775,962	13.1
Barley.....	249,117	3.4	172,228	2.9
"Other tame or cultivated grasses".....	219,791	3.0	958,298	16.2
Grains cut green.....	309,263	4.3	208,639	3.5
Sugar beets.....	153,497	2.1	9,054	0.2
Potatoes.....	158,914	2.2	99,991	1.7
Corn.....	153,679	2.1	148,799	2.5
Tropical and subtropical fruits.....	99,431	1.4	37,671	0.6
Rye.....	6,654	0.1	7,996	0.1
All other.....	946,639	13.1	1,385,679	23.3

<sup>1</sup> Includes amounts too small to report in state bulletins.  
<sup>2</sup> Includes millet or Hungarian grass.

From Table 31 it appears that at both censuses alfalfa was the leading crop grown under irrigation, and that it occupied a considerably larger proportion of the total acreage reported for irrigated crops in 1909 than in 1899. The crop next in importance in respect to acreage in both years was wild, salt, or prairie grasses, which likewise comprised a larger percentage of the total in 1909 than in 1899. Oats ranked third in acreage in 1909, followed by wheat, while in 1899 wheat ranked third and oats fourth. Oats covered a much larger percentage of the total acreage of irrigated crops in 1909 than in 1899 and wheat a much smaller percentage in the later than in the earlier year.

The most notable relative increase in acreage irrigated was for sugar beets, the growing of this crop in the irrigated region being largely a development of the last decade. Potatoes also showed a marked increase in relative importance. Tropical and subtropical fruits occupied about the same place in the two censuses. From a comparison of Table 31 with Table 30, it will be seen that, with the exception of wild, salt, or prairie grasses, the irrigated crops which are increasing in acreage most rapidly are all among the crops with relatively high values per acre.

## INDIVIDUAL IRRIGATED CROPS.

In the following paragraphs the principal crops grown under irrigation are discussed, in the order of the extent of acreage devoted to each.

**Alfalfa.**—Alfalfa is more extensively grown on irrigated land than any other crop, the irrigated acreage reported being 2,216,628, or 30.6 per cent of the total acreage of irrigated crops reported for 1909. This crop covered a larger irrigated acreage than any other in 10 of the 17 arid or semiarid states, was second in this respect in 6 others, and was fourth in the remaining state, North Dakota, which had only a small acreage in all irrigated crops.

Alfalfa was second among the crops in respect to the proportion of the total acreage of the crop in the United States that was irrigated in 1909, the percentage being 47.1. This crop is peculiarly benefited by irrigation because it matures in a short time, and, if plenty of moisture is available, several crops can be grown in a single season. In most sections where irrigation is not practiced, the late summer months are usually dry and the number of crops of alfalfa which can be grown is limited by this lack of moisture.

In value as well as acreage alfalfa was the leading irrigated crop, representing 28 per cent of the total value of such crops reported for 1909. In 11 states it had a greater value than any other irrigated crop and in 5 a greater value than any other except one, being exceeded only by tropical fruits in California, sugar beets in Kansas, oats in Montana, wheat in Oklahoma, and vegetables in Texas; but in North Dakota several crops had a greater value.

In average value per acre alfalfa ranked sixth in 1909 among the crops which represented more than 1 per cent of the total acreage in irrigated crops, with an average of \$22.94 per acre; it was exceeded in this respect by tropical and subtropical fruits, orchard fruits and grapes, potatoes, sugar beets, and wheat. The value produced by growing alfalfa is not limited, however, to the hay which is made from it, as many fields are used for pasture for a part of each season and the crop is very valuable as a fertilizer, being used in rotation with other crops of higher value, such as sugar beets, potatoes, and wheat. Its great value as a fertilizer when used in such rotation probably accounts to a considerable degree for the large acreage in this crop.

The cost of producing alfalfa is low, since it is a perennial, and the annual expense is confined to the cost of watering and harvesting. For this reason alfalfa would rank higher in net returns per acre than in gross returns, which the figure given in the table represents.

In 1909 the average value per acre of the alfalfa crop for the United States as a whole, including the irrigated land, was \$19.78 and that for the unirrigated land was \$16.97. The average for the irrigated land was 35.2 per cent in excess of that for the unirrigated land.

The average yield of alfalfa per acre on irrigated land in 1909 was 2.94 tons, as compared with an average of 2.52 tons for the United States as a whole, including the irrigated land, and an average of 2.14 tons per acre for the unirrigated land, the average yield on irrigated land being 37.4 per cent in excess of that on unirrigated land.

The acreage, yield, and value of alfalfa in 1909, with the average yield and value per acre, are shown in Table 32 for the United States, for the irrigated land as a whole, and for the irrigated land in each of the arid and semiarid states.

STATE.	Acreage.	Production (tons).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
United States.....	4,707,146	11,859,881	2.52	\$93,103,098	\$19.78
Irrigated land.....	2,216,628	6,524,498	2.94	50,850,533	22.94
Arizona.....	65,369	194,171	2.97	1,880,244	28.76
California.....	366,602	1,280,105	3.49	9,983,370	27.23
Colorado.....	480,586	1,222,790	2.54	9,522,968	19.82
Idaho.....	276,460	903,291	3.27	6,237,450	22.56
Kansas.....	10,470	21,099	2.07	153,250	14.64
Montana.....	183,264	514,803	2.81	3,188,918	17.40
Nebraska.....	31,842	81,225	2.55	497,656	15.63
Nevada.....	89,904	237,536	2.64	1,951,293	21.70
New Mexico.....	98,963	261,989	2.65	2,795,987	28.25
North Dakota.....	136	274	2.01	2,115	15.55
Oklahoma.....	1,383	1,807	1.35	12,273	8.87
Oregon.....	100,023	331,515	3.29	2,756,875	27.40
South Dakota.....	10,005	28,520	2.85	100,414	16.03
Texas.....	13,778	43,771	3.18	598,911	43.47
Utah.....	250,210	724,305	2.90	5,425,453	21.68
Washington.....	74,496	296,614	3.98	3,156,699	42.37
Wyoming.....	162,447	379,933	2.34	2,526,657	15.55

**Wild, salt, or prairie grasses.**—Wild, salt, or prairie grasses ranked second among the crops in acreage of irrigated land occupied, having covered 1,530,669 acres in 1909, or 21.1 per cent of the total acreage of irrigated crops reported. This crop represents the lowest type of irrigation development, the land to be used for the purpose requiring no preparation for irrigation, and it is usually grown in connection with stock raising in sections where large areas of cheap land are available. Considerable areas are also irrigated under new enterprises, where settlers have not had time to put the land into better crops.

The proportion of the total acreage of this crop in the United States represented by the irrigated acreage in 1909 (8.9 per cent) was larger than that for most crops, which is accounted for by the fact that this crop is not common to the whole country, but is confined for the most part to the states where irrigation is practiced.

In value wild, salt, or prairie grasses ranked sixth among the crops covering more than 1 per cent of the total acreage of irrigated crops in 1909, having contributed only 6.5 per cent of the total value of irrigated crops reported for that year.

The average value per acre of this crop in 1909 (\$7.67) was lower than that of any other among

those representing more than 1 per cent of the total acreage of irrigated crops reported. The cost of production is probably lower than for any other crop, as the land on which it is grown receives no cultivation or other preparation for irrigation and is usually watered but once—in the spring, when the streams are in flood and water is abundant—and the works conveying water to the land are inexpensive.

As the average price of this crop was higher in the irrigated sections, the average value per acre was higher for the irrigated land than for the unirrigated land, the latter figure being \$5.06 in 1909.

The average yield per acre on irrigated land was 1.06 tons in 1909, which is approximately the same as the average yield for the United States as a whole, excluding the irrigated land—1.07 tons per acre. As stated elsewhere, unirrigated wild grass hay is to a large extent cut on river bottom lands, which are naturally wet, and therefore there is no reason to expect larger yields on irrigated lands.

The statistics as to acreage, yield, and value of wild, salt, or prairie grasses in 1909 for the United States, for the irrigated land as a whole, and for the irrigated land in each of the arid and semiarid states are given in Table 33.

STATE.	WILD, SALT, OR PRAIRIE GRASSES: 1909				
	Acreage.	Production (tons).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
United States....	17,186,522	18,383,574	1.07	\$91,026,169	\$5.30
Irrigated land.....	1,530,000	1,627,804	1.06	11,734,258	7.67
Arizona.....	1,462	1,756	1.20	13,459	9.21
California.....	153,072	189,984	1.24	1,194,716	7.77
Colorado.....	299,755	288,536	0.96	2,444,558	8.16
Idaho.....	86,320	108,869	1.26	672,562	7.79
Kansas.....	541	527	0.97	3,090	5.73
Montana.....	320,579	339,821	1.03	2,392,486	7.26
Nebraska.....	37,019	38,798	1.05	254,216	6.87
Nevada.....	195,381	188,582	0.97	1,407,590	7.20
New Mexico.....	18,024	14,512	1.11	149,075	11.45
North Dakota.....	1,057	1,424	1.35	9,518	9.00
Oklahoma.....	231	277	1.20	5,333	23.09
Oregon.....	138,143	157,100	1.14	1,056,442	7.65
South Dakota.....	17,652	20,334	1.15	145,667	8.25
Texas.....	593	773	1.30	10,743	18.12
Utah.....	64,160	89,669	1.40	525,401	8.19
Washington.....	2,800	4,891	1.75	65,124	23.26
Wyoming.....	180,271	182,033	0.96	1,384,269	7.31

**Oats.**—Oats held third place in respect to acreage among the crops grown on irrigated land, the area reported as irrigated in 1909 being 739,632 acres, or 10.2 per cent of the total acreage of irrigated crops reported. This cereal is grown in all the arid and semiarid states, as well as throughout the country; the acreage of oats reported as irrigated in 1909 was equal to 2.1 per cent of the total acreage in this crop in the United States. Oats are grown extensively on new land just being brought under irrigation and also in isolated localities in connection with stock raising.

The crop is adapted to high altitudes and is grown in mountain valleys.

In value reported for irrigated land for 1909 oats ranked fourth, being exceeded by alfalfa, orchard fruits and grapes, and tropical and subtropical fruits; the value, \$14,055,000, formed 7.7 per cent of the total value of all irrigated crops reported. In average value per acre for 1909 this crop was seventh among those which occupied more than 1 per cent of the total acreage of irrigated crops, its average value being \$19 per acre. For the United States as a whole, the average value of oats per acre was \$11.79 and for the country as a whole, excluding the irrigated land, it was \$11.64. Thus the excess of the average value for the irrigated land over that for the unirrigated land was 63.2 per cent.

The cost of producing oats is low in comparison with that of cultivated crops, but it is higher than the cost of producing perennial hay crops, which do not require plowing and seeding each year.

The average yield of oats on irrigated land in 1909 was 36.8 bushels per acre, as against 28.6 bushels for the United States as a whole and 28.5 bushels for unirrigated land, the excess in favor of irrigated land being 29.1 per cent.

Statistics as to the acreage, yield, and value of oats for 1909 are given in Table 34.

STATE.	OATS: 1909				
	Acreage.	Production (bushels).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
United States....	35,159,441	1,037,142,960	29.6	\$414,657,622	\$11.79
Irrigated land.....	739,632	27,213,262	36.8	14,055,000	38.90
Arizona.....	5,406	177,057	32.6	127,000	23.49
California.....	5,963	205,727	34.4	137,196	23.04
Colorado.....	192,311	6,235,979	32.4	3,408,369	17.69
Idaho.....	147,827	5,667,718	38.3	2,728,532	18.46
Kansas.....	487	19,325	21.6	4,932	10.13
Montana.....	159,658	6,955,254	43.6	3,270,266	20.50
Nebraska.....	18,794	555,048	29.5	219,369	11.67
Nevada.....	7,285	307,628	42.2	175,987	24.14
New Mexico.....	18,221	440,500	24.2	309,911	17.01
North Dakota.....	544	25,655	47.2	6,395	15.98
Oklahoma.....	80	3,350	41.9	1,690	20.90
Oregon.....	20,415	696,427	33.9	403,370	22.73
South Dakota.....	2,826	91,045	32.6	42,025	14.84
Texas.....	2,496	69,015	27.6	28,668	11.49
Utah.....	74,687	3,055,554	41.0	1,574,417	21.13
Washington.....	6,680	330,367	49.4	163,948	24.51
Wyoming.....	76,302	2,175,203	28.5	1,362,625	17.98

**Wheat.**—In extent of area reported as irrigated in 1909, wheat was fourth, with an acreage of 548,173, or 7.6 per cent of the total reported for irrigated crops. It is grown under irrigation and without irrigation in all of the arid and semiarid states, but the wheat grown under irrigation is an unimportant part of the entire crop, having occupied only 1.2 per cent of the total acreage in this crop in the whole country in 1909. This cereal is raised on new lands, and also on

older lands in rotation with potatoes, sugar beets, alfalfa, etc.

Wheat ranked fifth among the irrigated crops in value in 1909, with \$12,827,000, or 7.1 per cent of the total reported for irrigated crops. It represented approximately the same percentage of the total acreage and the total value of irrigated crops, the average value per acre—\$23.40—being about the same as the average value of all irrigated crops. In average value per acre also wheat held fifth place among the crops which covered at least 1 per cent of the total acreage of irrigated crops reported. The average value of wheat per acre for the United States as a whole, including the irrigated land, was \$14.86 and that for the unirrigated land was \$14.75, the excess in favor of irrigated land being 58.6 per cent.

The average yield of wheat per acre on irrigated land in 1909 was 25.6 bushels, as against 15.4 bushels for the United States as a whole, and 15.3 bushels for the whole country, exclusive of the irrigated land. Compared with the latter average the excess of the average yield on irrigated land was 67.3 per cent.

Table 35 gives figures relative to the wheat crop in 1909 for the United States as a whole, for the irrigated land as a whole, and for the arid and semiarid states.

STATE.	WHEAT: 1909				
	Acreage.	Production (bushels).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
<b>United States...</b>	<b>44,262,592</b>	<b>683,379,259</b>	<b>15.4</b>	<b>\$667,656,801</b>	<b>\$14.86</b>
<b>Irrigated land.....</b>	<b>548,173</b>	<b>14,045,117</b>	<b>25.6</b>	<b>12,820,982</b>	<b>23.40</b>
Arizona.....	17,901	358,175	20.0	398,294	22.25
California.....	22,003	408,700	18.1	428,068	18.97
Colorado.....	174,116	4,727,359	27.1	4,352,823	25.00
Idaho.....	100,923	2,860,976	26.8	2,864,767	22.12
Kansas.....	930	19,121	20.6	17,708	10.04
Montana.....	45,598	1,236,137	27.1	1,004,794	23.37
Nebraska.....	9,015	170,952	19.0	135,554	15.04
Nevada.....	14,010	392,472	28.0	393,144	28.06
New Mexico.....	25,757	450,531	17.7	447,704	17.38
North Dakota.....	1,208	28,011	22.1	26,145	20.62
Oklahoma.....	909	25,590	26.3	25,220	26.03
Oregon.....	21,059	599,942	27.1	507,089	24.08
South Dakota.....	1,320	25,590	19.3	21,100	15.88
Texas.....	1,380	26,681	19.3	23,408	16.89
Utah.....	72,293	3,050,709	28.5	2,006,852	27.70
Washington.....	6,720	188,855	28.1	173,221	25.78
Wyoming.....	26,326	490,400	18.6	440,491	16.73

**Barley.**—Barley held fifth place among the crops grown under irrigation in total acreage irrigated in 1909, the irrigated area being 240,117 acres, or 3.3 per cent of the total acreage of all irrigated crops reported and 3.1 per cent of the total acreage of barley in the United States. Though reported from all the arid and semiarid states except Oklahoma, it is not a leading crop in any of these states.

While ranking fifth in area among the irrigated crops in 1909, barley was ninth in total value among these crops, representing but 2.4 per cent of their

combined value, and it was eighth in average value per acre among the crops covering more than 1 per cent of the total acreage of irrigated crops reported. The average value per acre for barley on irrigated land was \$18.32, against an average of \$12.01 for the United States as a whole, and \$11.81 for the whole country, exclusive of the irrigated land, the percentage of excess in the figure for irrigated land over that for unirrigated land being 55.1. The cost of production is low for barley, being about the same as that of the other grains.

The average yield per acre for barley on irrigated land in 1909 was 29.1 bushels, while for the United States as a whole it was 22.5 bushels, and for the country as a whole, excluding the irrigated land, it was 22.3. The excess of the average yield on irrigated land was, therefore, 30.5 per cent.

The acreage, yield, and value of barley in 1909 are given in Table 36 for the irrigated land, by states, and for the United States as a whole, including the irrigated land.

STATE.	BARLEY: 1909				
	Acreage.	Production (bushels).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
<b>United States...</b>	<b>7,698,706</b>	<b>173,344,212</b>	<b>22.5</b>	<b>\$92,458,571</b>	<b>\$12.01</b>
<b>Irrigated land.....</b>	<b>240,117</b>	<b>6,982,469</b>	<b>29.1</b>	<b>4,399,445</b>	<b>18.32</b>
Arizona.....	32,268	1,001,611	31.0	711,251	22.04
California.....	77,785	1,844,971	23.7	1,097,541	14.11
Colorado.....	48,775	1,483,112	30.4	897,849	18.41
Idaho.....	18,287	428,775	32.3	252,388	19.00
Kansas.....	350	6,145	17.3	3,281	9.22
Montana.....	9,271	278,827	29.5	189,952	20.49
Nebraska.....	3,495	90,308	25.8	40,801	11.67
Nevada.....	11,852	401,459	33.9	302,229	25.50
New Mexico.....	1,409	35,301	24.1	27,960	19.03
North Dakota.....	42	1,687	40.2	1,197	28.50
Oregon.....	18,395	565,074	30.7	380,043	20.69
South Dakota.....	317	6,086	19.2	3,143	9.91
Texas.....	147	3,041	26.8	2,320	15.78
Utah.....	15,038	678,240	42.6	369,201	23.16
Washington.....	1,738	49,143	28.3	30,474	17.53
Wyoming.....	4,982	112,699	22.6	89,215	17.91

**Orchard fruits and grapes.**—In acreage irrigated orchard fruits and grapes combined ranked sixth among the irrigated crops in 1909, occupying 236,385 acres, or 3.3 per cent of the total acreage of all irrigated crops reported. The acreage in these crops was not reported for the United States as a whole, since the agricultural schedules called for the number of trees and vines instead of the acreage, and consequently it is not possible to determine the proportion which the irrigated acreage formed of the total. While irrigated orchard fruits and grapes were reported from all the arid and semiarid states except North Dakota, 62.8 per cent of the total acreage was in California, 14.7 per cent in Colorado, and 7.4 per cent in Washington.

The value reported for the products of the irrigated orchards and vineyards for 1909 was \$18,245,000, or 11.2 per cent of the total value of these crops for the United States. The average value per acre of orchard fruits and grapes obtained on irrigated land was \$77.18, which is higher than that for any other crop except tropical and subtropical fruits. The cost of producing these crops is higher than for cereals and forage crops, and they are grown on much higher priced land, so that the net returns are not so far in advance of those from other crops as the gross returns.

Table 37 shows the acreage, value, and average value per acre, of orchard fruits and grapes in 1909 for the irrigated land, by states, together with the total value reported for the United States, including the irrigated land.

STATE.	ORCHARD FRUITS AND GRAPES: 1909		
	Acreage.	Value.	
		Total.	Average per acre.
United States.....		\$182,895,308	
Irrigated land.....	236,385	18,245,182	\$77.18
Arizona.....	1,518	174,122	114.70
California.....	148,475	9,435,573	63.56
Colorado.....	34,763	4,420,286	127.33
Idaho.....	4,489	340,181	75.78
Kansas.....	115	2,244	19.51
Montana.....	8,029	465,033	58.04
Nebraska.....	260	20,591	79.20
Nevada.....	1,276	64,130	50.62
New Mexico.....	6,556	447,189	68.21
Oklahoma.....	14	2,640	188.57
Oregon.....	5,241	535,043	102.09
South Dakota.....	327	17,698	54.12
Texas.....	253	42,827	169.28
Utah.....	7,482	482,019	64.50
Washington.....	17,378	1,707,186	101.69
Wyoming.....	209	20,814	99.59

**“Other tame or cultivated grasses.”**—The irrigated acreage devoted to this group of forage crops in 1909 was 219,701, or 3 per cent of the total for all irrigated crops. The value of “other tame or cultivated grasses” reported for irrigated land was \$2,571,000, or an average of \$11.70 per acre, which is the next to the lowest value per acre reported for irrigated crops. The content of this group is so indefinite and varies so widely in different states that comparisons are of little value.

**Grains cut green.**—Grains cut green for hay occupied 2.9 per cent of the total acreage of irrigated crops reported for 1909. This crop was reported as grown under irrigation in all the strictly arid states, but the Plains states contained only small areas or none at all. Almost one-half of the total irrigated acreage in this crop was in California, and nearly one-fourth was in Colorado. The irrigated acreage reported formed 4.8 per cent of the total acreage of this crop in the United States.

Only wild, salt, or prairie grasses and “other tame or cultivated grasses” had lower average values per acre in 1909 than this crop, and this is the only crop which did not have an appreciably greater average value per acre on irrigated land than on unirrigated land. The average values per acre for the irrigated and unirrigated lands were \$14.29 and \$14.26, respectively.

The average yield per acre on irrigated land in 1909 exceeded that for the unirrigated land by 18.7 per cent, the respective averages being 1.46 tons and 1.23 tons.

Table 38 shows for 1909 the acreage, yield, and value of grains cut green for the irrigated land, by states, and for the United States.

STATE.	GRAINS CUT GREEN: 1909				
	Acreage.	Production (tons).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
United States.....	4,324,873	5,267,202	1.24	\$61,656,221	\$14.26
Irrigated land.....	209,363	325,987	1.60	2,902,520	\$14.29
Arizona.....	15,266	24,291	1.59	285,106	18.66
California.....	191,187	146,013	1.44	1,302,681	15.15
Colorado.....	45,171	70,657	1.56	591,204	13.09
Idaho.....	7,395	8,857	1.20	95,674	12.92
Montana.....	5,938	10,418	1.74	81,267	13.68
Nebraska.....	230	494	1.70	2,387	9.91
Nevada.....	1,775	2,322	1.31	25,599	14.41
New Mexico.....	3,353	4,439	1.32	65,696	19.59
Oregon.....	14,173	21,530	1.52	235,289	16.61
South Dakota.....	35	80	1.43	492	14.09
Texas.....	464	493	1.06	6,210	13.36
Utah.....	1,657	1,851	1.12	14,470	12.69
Washington.....	5,340	9,417	1.76	122,264	22.89
Wyoming.....	4,930	5,835	1.18	52,781	10.70

**Timothy alone.**—The irrigated acreage in timothy alone in 1909 was 202,817, or 2.8 per cent of the total for crops grown under irrigation and 1.4 per cent of the total acreage in timothy alone in the United States. This crop is not grown under irrigation in most of the Plains states, but is grown quite generally in the arid states, Montana having the largest irrigated acreage, followed closely by Colorado.

The average value per acre of irrigated timothy in 1909 (\$15.84) was 24.1 per cent in excess of the average value of this crop for unirrigated land—\$12.76. As the cost of producing timothy alone is low in comparison with the cost of producing crops requiring annual seeding and cultivation, the crop ranks higher in net value per acre than in gross value.

The average yield per acre in 1909 for irrigated land was 1.73 tons and for unirrigated land 1.22 tons, the excess for the irrigated land being 41.8 per cent.

Table 39 shows the statistics relative to timothy alone in 1909 for the United States as a whole and for the irrigated land.

STATE.	TIMOTHY ALONE: 1909				
	Acreage.	Production (tons).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
United States....	14, 088, 393	17, 985, 420	1. 22	\$188, 082, 895	\$12. 81
Irrigated land.....	202, 817	349, 976	1. 73	3, 211, 751	15. 84
Arizona.....	53	54	1. 02	911	17. 19
California.....	8, 026	11, 236	1. 40	90, 083	11. 22
Colorado.....	45, 029	76, 630	1. 70	602, 213	13. 37
Idaho.....	24, 842	47, 386	1. 91	370, 488	14. 91
Montana.....	48, 868	76, 230	1. 56	736, 041	15. 06
Nevada.....	10, 437	16, 217	1. 55	127, 553	12. 22
New Mexico.....	894	1, 505	1. 68	17, 073	19. 10
Oregon.....	16, 297	31, 871	1. 96	285, 065	17. 49
South Dakota.....	1, 927	3, 352	1. 74	25, 290	13. 12
Texas.....	1	2	2. 00	20	20. 00
Utah.....	10, 852	23, 685	2. 18	211, 763	19. 51
Washington.....	17, 326	33, 642	1. 94	536, 944	30. 99
Wyoming.....	18, 265	28, 136	1. 54	208, 307	11. 40

**Sugar beets.**—The acreage of sugar beets irrigated in 1909, 183,467, formed 2.5 per cent of the total acreage of crops thus grown. A higher proportion of the total acreage in this crop was irrigated than in the case of any other crop representing at least 1 per cent of the total acreage irrigated, the percentage irrigated being 50.4.

Sugar beets grown under irrigation in 1909 were reported from all the arid states and from all the semi-arid states except the Dakotas and Oklahoma, but the acreages in Nevada, Texas, New Mexico, and Washington were unimportant. Colorado contained nearly three-fifths (58.3 per cent) of the entire irrigated acreage of sugar beets, with an acreage more than four times as great as that reported for the state with the next largest irrigated acreage in this crop, Utah. Of the acreage of irrigated sugar beets in Colorado, more than 70 per cent was in the valley of the South Platte and its tributaries in the northeastern part of the state, a single county, Weld, containing 33,366 acres, or more than any state other than Colorado. In that section of Colorado beets are grown in rotation with potatoes, alfalfa, and grain, the most common rotation period being six or seven years, beets and potatoes each occupying the land two or three years, alfalfa one or two years, and grain the remainder of the period.

The value of sugar beets grown on irrigated land in 1909 was \$10,511,000, or 5.8 per cent of the value of all irrigated crops, and the average value per acre was \$57.29. This crop ranked fourth in average value per acre among the crops occupying more than 1 per cent of the total acreage of irrigated crops, being exceeded in this respect by tropical and subtropical fruits, orchard fruits and grapes, and potatoes. Compared with the average value per acre for unirrigated land in the United States (\$51.87), the average for irrigated land represents an excess of 10.4 per cent.

Although the cost of producing sugar beets is high relatively to that of producing grain and hay crops, as

a large amount of hand cultivation is necessary, the value is enough higher to make this crop more profitable than the others.

The average yield per acre of sugar beets on irrigated land in 1909 was 11.89 tons per acre, against a yield of 9.70 tons per acre for unirrigated land, the excess of the average for irrigated land being 22.6 per cent.

The acreage, yield, and value of sugar beets in 1909 are shown in Table 40 for the United States as a whole and for the irrigated land.

STATE.	SUGAR BEETS: 1909				
	Acreage.	Production (tons).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
United States....	364, 093	3, 932, 357	10. 80	\$19, 880, 724	\$54. 60
Irrigated land.....	183, 467	2, 180, 531	11. 89	10, 511, 467	57. 29
Arizona.....	4, 123	47, 175	11. 44	226, 367	54. 90
California.....	14, 057	171, 494	11. 70	839, 561	57. 28
Colorado.....	106, 905	1, 224, 466	11. 45	6, 055, 382	56. 64
Idaho.....	13, 487	153, 203	11. 36	693, 884	51. 45
Kansas.....	6, 638	45, 346	8. 04	226, 931	40. 25
Montana.....	7, 551	91, 509	12. 12	461, 208	61. 03
Nebraska.....	3, 114	36, 849	11. 83	162, 310	48. 91
Nevada.....	1	22	22. 00	109	109. 00
New Mexico.....	28	165	5. 89	1, 050	37. 50
Oregon.....	582	4, 948	8. 50	23, 626	40. 59
Texas.....	3	15	5. 00	70	23. 33
Utah.....	20, 032	398, 897	15. 13	1, 777, 435	68. 28
Washington.....	246	244	0. 99	1, 755	7. 13
Wyoming.....	1, 100	11, 198	10. 18	51, 779	47. 07

**Timothy and clover mixed.**—Timothy and clover mixed in 1909 occupied an irrigated area of 183,308 acres, or 2.5 per cent of the total in irrigated crops in that year. The irrigated acreage in this crop, which included land in all of the arid states and in South Dakota, formed less than 1 per cent of the total acreage of the crop in the United States.

The value of the timothy and clover mixed grown on irrigated land in 1909 was \$3,072,000, or 1.7 per cent of the total value of irrigated crops reported for that year. The average value per acre on irrigated land was \$16.76, which is higher than the averages for the other hay and forage crops, with the exception of alfalfa, but lower than the averages for crops other than hay and forage. For unirrigated land the average value per acre for the United States was \$13.13, the excess for the irrigated crop being 27.6 per cent. The cost of production, as for other perennial hay crops, is small in comparison with that of other classes of crops.

The average yield per acre of irrigated timothy and clover mixed in 1909 was 1.82 tons, while the average yield shown for unirrigated land in the United States was 1.26 tons per acre, the yield per acre on the irrigated land exceeding that on the unirrigated land by 44.4 per cent.

Statistics for timothy and clover mixed for 1909 are given in Table 41.



Table 41

STATE.	TIMOTHY AND CLOVER MIXED: 1909				
	Acreage.	Production (tons).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
United States.....	10,542,382	24,748,555	1.27	\$257,280,330	\$13.17
Irrigated land.....	183,308	333,851	1.82	3,071,935	16.76
Arizona.....	40	60	1.50	1,200	30.00
California.....	20,880	34,177	1.64	316,993	15.13
Colorado.....	24,049	47,007	1.95	355,529	14.78
Idaho.....	33,418	63,068	1.89	541,229	16.20
Montana.....	60,437	102,660	1.70	952,118	15.75
Nevada.....	9,442	15,607	1.65	133,871	14.18
New Mexico.....	115	189	1.64	2,214	19.25
Oregon.....	17,592	31,009	1.76	286,819	16.30
South Dakota.....	2,116	3,189	1.51	21,229	10.03
Utah.....	3,420	7,745	2.26	63,165	18.42
Washington.....	7,704	20,001	2.72	325,758	42.28
Wyoming.....	4,086	8,149	1.99	71,810	17.57

**Potatoes.**—The irrigated area devoted to potatoes in 1909, 168,014 acres, formed 2.3 per cent of the total acreage of irrigated crops reported. This crop is so generally grown throughout the United States that the irrigated acreage formed but a small proportion of the total (4.6 per cent). Potatoes were grown under irrigation in all the arid and semiarid states, but Colorado reported 59,221 acres, or 35.2 per cent of the total irrigated acreage of this crop. More than one-half of the irrigated potato acreage in Colorado was in a single county, Weld, that county reporting a larger amount of such acreage than any state other than Colorado except California, which exceeded it by only a little more than 1,000 acres. This county contained also a larger irrigated acreage of sugar beets than any state other than Colorado, the acreages in these two crops being approximately equal. As stated in the discussion of sugar beets, that crop, potatoes, alfalfa, and grain are grown in a six or seven year rotation period in this section of Colorado, potatoes and beets each occupying the land about two years out of the period.

The value of the potato crop on irrigated land in 1909 was \$10,086,000, or 5.6 per cent of the total value of irrigated crops reported. The average value per acre was \$60.03, while the average for unirrigated land for the United States as a whole was \$44.66. Among the crops which occupied more than 1 per cent of the total acreage in irrigated crops in 1909, potatoes held third place in average value per acre, being exceeded only by the fruit crops. Although the cost of production is higher than for grain and hay crops, the difference in this respect is not so great as the difference in value, so that potatoes usually give a higher net return per acre.

The average yield per acre on irrigated land in 1909 was 153.6 bushels per acre, which exceeds the average yield for unirrigated land for the United States as a whole (103.8 bushels) by 48 per cent.

Table 42 shows the acreage, yield, and value of potatoes in 1909 for the United States as a whole and for the irrigated land.

Table 42

STATE.	POTATOES: 1909				
	Acreage.	Production (bushels).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
United States.....	3,663,845	289,194,965	196.1	\$162,423,919	\$44.66
Irrigated land.....	168,014	25,995,496	155.6	10,086,000	60.03
Arizona.....	1,011	66,351	65.6	74,895	74.04
California.....	32,735	5,199,096	158.2	2,943,281	74.37
Colorado.....	59,221	8,498,215	143.5	2,892,789	48.86
Idaho.....	19,794	3,560,373	179.9	1,865,521	58.88
Kansas.....	117	12,671	110.0	8,990	73.90
Montana.....	11,137	1,938,977	174.1	754,966	67.86
Nebraska.....	6,077	898,766	148.5	274,010	45.24
Nevada.....	4,711	728,227	154.0	394,621	83.77
New Mexico.....	1,119	83,294	74.4	65,625	58.69
North Dakota.....	73	7,345	100.6	5,709	60.41
Oklahoma.....	7	532	75.7	649	92.43
Oregon.....	3,409	412,167	121.4	242,923	71.43
South Dakota.....	430	35,696	83.2	25,649	59.66
Texas.....	961	96,069	100.7	51,012	53.14
Utah.....	13,264	2,237,469	168.7	945,094	69.79
Washington.....	9,178	1,534,915	167.0	945,987	103.12
Wyoming.....	4,762	620,667	130.2	350,672	73.42

**Corn.**—The acreage of irrigated corn reported for 1909 was 133,673, or 1.8 per cent of the total acreage of irrigated crops reported. Irrigated corn was reported from all the states of the arid region, but it did not form a very large percentage of the irrigated acreage in any state, and the aggregate irrigated acreage in corn formed only a little more than one-tenth of 1 per cent of the total acreage of this crop in the United States.

The value reported for irrigated corn in 1909 was \$2,424,000, or 1.3 per cent of the total for irrigated crops, and the average value per acre was \$18.13, which is higher than the averages for the hay crops with the exception of alfalfa, but lower than those for other grain crops. The average value per acre of corn grown on unirrigated land for the United States as a whole was \$14.62, the average for the irrigated land being 24 per cent greater than that for the unirrigated land. The higher average value shown for the irrigated land was due to the higher prices in the irrigated sections, as the average yield per acre on the irrigated land was 8.5 per cent lower than that on the unirrigated land, the respective averages being 23.7 bushels and 25.9 bushels.

The acreage, yield, and value of corn in 1909 are shown in Table 43.

STATE.	Acreage.	Production (bushels).		Value.	
		Total.	Average per acre.	Total.	Average per acre.
United States...	98,382,665	2,552,189,630	25.9	\$1,438,553,919	\$14.62
Irrigated land.....	133,073	3,172,054	23.7	2,423,507	18.13
Arizona.....	7,797	171,907	22.0	158,993	20.39
California.....	17,802	491,978	27.6	440,312	24.73
Colorado.....	25,705	597,151	22.1	370,400	14.41
Idaho.....	2,041	68,490	33.6	53,548	26.24
Kansas.....	745	16,892	22.7	9,748	13.08
Montana.....	1,040	51,488	31.4	38,613	23.54
Nebraska.....	21,552	563,857	26.2	200,241	13.47
Nevada.....	536	19,085	35.6	21,706	40.61
New Mexico.....	34,430	714,710	20.8	636,151	18.48
North Dakota.....	36	1,050	46.0	988	27.44
Oklahoma.....	77	2,025	26.3	1,009	14.27
Oregon.....	686	17,021	26.1	15,187	22.14
South Dakota.....	1,166	25,476	21.8	17,532	15.04
Texas.....	9,068	191,474	21.1	162,467	17.92
Utah.....	6,752	155,890	23.1	125,379	18.57
Washington.....	2,464	87,357	35.5	65,065	26.77
Wyoming.....	1,176	25,297	21.5	15,118	12.80

**Tropical and subtropical fruits.**—In acreage irrigated tropical and subtropical fruits ranked lowest among the crops representing more than 1 per cent of the total acreage of irrigated crops reported in 1909, with an irrigated area of 99,431 acres, or 1.4 per cent of the total in irrigated crops. Only three states, Arizona, California, and Texas, reported irrigated tropical and subtropical fruits, and 99.5 per cent of the total irrigated acreage devoted to such fruits was in California. As the agricultural schedules show the number of

trees, and not the acreage, it is not possible to determine what proportion of the entire acreage of tropical and subtropical fruits was irrigated. The value of irrigated tropical and subtropical fruits in 1909 formed 62.1 per cent of the total value of such fruits reported for the United States, and it is probable that the proportion of the total acreage which was irrigated was somewhat below this figure.

The tropical and subtropical fruits obtained on irrigated land in 1909 had a value of \$15,344,000 or 8.4 per cent of the total for irrigated crops, and ranked third in value among such crops, although fourteenth in respect to acreage. The average value per acre for irrigated land was \$154.32, which is higher than that for any other crop and almost exactly double that for the crop having the next largest average value, orchard fruits and grapes.

Table 44 shows for 1909 the value of tropical and subtropical fruits for the United States as a whole, and the acreage and value for the irrigated land, by states.

STATE.	Acreage.	Value.	
		Total.	Average per acre.
United States.....	.....	\$24,706,753	.....
Irrigated land.....	99,431	15,344,375	\$154.32
Arizona.....	450	74,149	161.54
California.....	98,989	15,269,911	154.29
Texas.....	3	315	105.00

**PUMPING WATER FOR IRRIGATION.**

The general statistics relating to pumping water for irrigation are summarized on page 850. The data are given in greater detail in the following paragraphs.

**Classification of pumping plants by kind of power.**—The statistics relating to pumping plants have been classified by kind of power, and the results are presented in the tables which follow. These statistics are not all of equal value. Steam, gasoline, electric, and producer gas plants are usually carefully rated by their manufacturers, so that their owners know at least their rated capacity. As the rated capacity both of power plants and of pumps is quite commonly in excess of the actual capacity, the figures for plants of these classes represent the maximum capacity possible rather than the actual running capacity of the plants. Windmills are seldom rated, their capacity as well as that of the pumps operated by them depending upon wind velocities. Water-power plants also are not usually rated. Most of the figures shown under the heading "other" are based on data taken from schedules which contain more or less of the information called for, but do not indicate what kind of

power was used, the remainder being statistics for a few scattering plants operated by horsepower or by hand. The figures for capacity shown for pumping plants run by wind power and water power and those grouped under the head of "other" are made up largely of estimates computed on the basis of the average capacities shown for the pumping plants for which these items were reported, and for this reason are of doubtful accuracy. Since these groups are credited with only about 12 per cent of the total power and about 8 per cent of the total pump capacity, any errors in these estimates do not materially affect the totals.

Table 45 shows, by states, the distribution of the number of pumping plants, the capacity of the power plants, and the capacity of the pumps, according to the kind of power used.

Of the pumping plants reported in 1910, more than one-half, as shown by the table (52.6 per cent), used gasoline engines for power, about one-eighth used steam engines, and one-tenth electric motors, the remainder being distributed among the other four classes.

# IRRIGATION.

## PUMPING PLANTS, CLASSIFIED BY KIND OF POWER: 1910.

**Table 45**

STATE.	TOTAL.			STEAM.			GASOLINE.			ELECTRIC.		
	Number of plants.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).	Number of plants.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).	Number of plants.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).	Number of plants.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).
United States.....	15,803	361,480	19,355,864	1,936	140,177	11,068,597	8,320	123,209	4,762,890	1,583	51,559	1,898,372
Per cent of total.....	100.0	100.0	100.0	12.3	38.8	57.2	52.6	34.1	24.6	10.0	14.3	9.8
Total, excluding rice districts.....	13,006	243,435	9,947,909	661	40,736	2,398,199	7,897	109,915	4,320,867	1,583	51,559	1,898,372
Arizona.....	420	37,258	851,873	51	5,889	103,828	193	2,802	94,399	20	19,654	462,467
California.....	9,207	128,143	5,270,298	280	15,281	561,693	6,473	81,938	3,535,554	1,410	24,380	901,664
Colorado.....	206	7,069	206,037	12	378	23,799	90	806	45,573	12	2,165	23,755
Idaho.....	58	7,095	278,560	4	238	9,790	25	123	3,794	7	832	28,056
Kansas.....	698	1,517	128,276	40	970	98,250	31	342	29,720			
Montana.....	126	3,511	281,109	37	1,725	140,650	64	907	84,999			
Nebbraska.....	75	140	5,366				5	52	4,577			
Nevada.....	18	693	24,295	3	47	2,250	6	78	8,037	1	185	10,894
New Mexico.....	413	14,226	210,355	11	209	8,070	225	11,554	105,203	23	324	12,130
North Dakota.....	4	2,038	182,115	2	2,030	182,000	1	6	15			
Oklahoma.....	68	107	4,541				4	43	2,910			
Oregon.....	229	3,095	118,514	9	295	8,557	104	684	38,240	43	440	84,463
South Dakota.....	8	63	5,289	1	10	300	3	48	4,970			
Texas.....	1,784	20,915	1,455,285	173	12,182	1,141,294	390	5,592	249,924	5	315	7,700
Utah.....	69	2,143	315,057	18	763	85,712	16	133	8,602	26	1,204	215,464
Washington.....	391	13,847	365,411	17	774	29,406	256	4,608	102,584	35	1,780	69,375
Wyoming.....	34	705	142,529	3	35	2,600	11	139	7,556	1	300	122,509
Rice districts, total.....	1,897	118,045	9,407,955	1,275	99,441	8,670,398	423	13,294	442,023			
Arkansas.....	315	12,440	436,402	274	11,274	390,585	14	399	13,690			
Louisiana.....	1,007	57,423	5,064,173	862	54,046	4,842,330	22	1,084	43,450			
Texas.....	575	48,179	3,907,380	139	34,121	3,437,483	387	11,811	384,883			

STATE.	WIND.			WATER.			PRODUCER GAS.			OTHER. <sup>1</sup>		
	Number of plants.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).	Number of plants.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).	Number of plants.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).	Number of plants.	Capacity of power plants (horse-power).	Capacity of pumps (gallons per minute).
United States.....	1,168	1,525	71,403	180	17,623	603,606	12	4,634	157,760	2,594	22,753	793,234
Per cent of total.....	7.4	0.4	0.4	1.2	4.9	3.1	0.1	1.3	0.8	16.4	6.3	4.1
Total, excluding rice districts.....	1,168	1,525	71,403	180	17,623	603,606	10	4,234	136,260	2,397	17,843	519,202
Arizona.....	126	140	2,951	2	1	14	1	1,608	36,000	36	7,194	152,214
California.....	648	584	37,052	3	29	2,172				483	5,951	238,163
Colorado.....	16	62	7,867	35	3,606	153,716	1	400	2,700	40	562	29,237
Idaho.....	8	13	176	14	5,859	236,849						
Kansas.....	36	45	2,880							591	160	3,420
Montana.....				11	528	37,540				13	351	18,010
Nebbraska.....	18	10	149	1	4	20				51	68	630
Nevada.....	2	3	176	3	362	1,950				3	18	1,078
New Mexico.....	130	414	11,595				2	1,501	70,000	13	224	9,297
North Dakota.....	1	2	100							52	52	1,332
Oklahoma.....	12	12	299							22	277	12,306
Oregon.....	9	13	171	42	1,476	24,777						
South Dakota.....	4	5	19									
Texas.....	130	122	5,182	18	449	11,843				1,068	2,255	39,337
Utah.....	1	23	1,160	5	14	3,645				3	6	474
Washington.....	16	14	623	45	5,156	123,670	6	725	27,500	16	790	12,253
Wyoming.....	2	67	1,007	11	139	7,405				6	25	1,461
Rice districts, total.....							2	400	21,500	197	4,910	274,084
Arkansas.....										27	767	32,127
Louisiana.....										123	2,296	178,393
Texas.....							2	400	21,500	47	1,847	63,514

<sup>1</sup> Including plants for which the kind of power was not reported.

Although the gasoline plants were the most numerous, they were on the average smaller than most of the other classes, representing only about one-third (34.1 per cent) of the aggregate capacity reported of power plants. Steam plants, on the other hand, are above the average size, and those reported, though forming only 12.3 per cent of the total number, represented 38.8 per cent of the power. The average power capacity of plants of each kind is shown in the statement following.

CLASS.	Horse-power.	CLASS.	Horse-power.
All classes.....	22.9	Wind.....	1.3
Steam.....	72.3	Water.....	92.5
Gasoline.....	14.8	Producer gas.....	386.2
Electric.....	32.6	Other <sup>1</sup> .....	8.8

<sup>1</sup> Including plants for which the kind of power was not reported.

Producer-gas plants had the largest average capacity, followed by water-power plants and steam plants. Gas and steam plants are not economical in small

units, and water plants are also usually in large units. Electric plants, by which is meant not the generating plants but the motors running individual pumps, ranked fourth, while gasoline plants ranked fifth. Electric motors and gasoline engines are especially adapted to small plants because they do not require constant attention, and thus the operator can attend to other work, making only occasional visits to the power plants.

The proportion of the aggregate capacity of pumps reported for steam plants was even greater than the proportion of the capacity of power plants reported for such plants, the former percentage being 57.2. Gasoline plants represented an even smaller percentage of the total pump capacity (24.6 per cent) than of the total engine capacity, and the same was true of electric plants, which had only 9.8 per cent of the total pump capacity. The average pump capacity per plant for plants of the several kinds reported is shown in the following statement:

CLASS.	Gallons per minute.	CLASS.	Gallons per minute.
All classes.....	1,225	Wind.....	61
Steam.....	5,706	Water.....	3,177
Gasoline.....	572	Producer gas.....	13,147
Electric.....	1,199	Other <sup>1</sup> .....	300

<sup>1</sup> Including plants for which the kind of power was not reported.

Producer-gas plants had the largest capacity on the average, and steam plants the next largest, followed by water-power, electric, and gasoline plants, in the order named.

The following statement shows the average pump capacity per horsepower, by kind of power:

CLASS.	Gallons per minute.	CLASS.	Gallons per minute.
All classes.....	53.5	Wind.....	46.8
Steam.....	79.0	Water.....	34.3
Gasoline.....	38.7	Producer gas.....	34.0
Electric.....	36.8	Other <sup>1</sup> .....	34.9

<sup>1</sup> Including plants for which the kind of power was not reported.

The ratio between power and pump capacity depends largely upon the distance through which water is to be lifted, but it depends also upon the efficiency and size of the power plants. The large pump capacity per horsepower shown by steam plants may be attributed to the facts that about two-thirds of these plants were located in the rice districts, where the lifts are low and the plants are large, and that steam plants are generally more efficient than gasoline plants. Capacities for windmill plants are so largely estimated that the average shown for such plants is of little value. The average pump capacities per horsepower for plants of the other types were approximately equal, being about one-half that for the steam plants.

Nearly two-thirds (65.7 per cent) of the steam plants, representing 70.9 per cent of the engine ca-

capacity and 78.3 per cent of the pump capacity for such plants, were in the rice districts. Of the gasoline plants, California reported 77.8 per cent, with 66.5 per cent of the power and 74.2 per cent of the pump capacity. California contained also 89.1 per cent of the electric plants, but reported only 47.2 per cent of the total electric power and 47.5 per cent of the total pump capacity. Arizona, on the other hand, with only 1.3 per cent of the electric plants, reported 38.1 per cent of the power of electric plants and 24.4 per cent of their pump capacity. California contained more than one-half (55.5 per cent) of the windmill plants, the other states showing a considerable number being New Mexico, with 11.9 per cent of the total; Texas, with 11.1 per cent; and Arizona, with 10.8 per cent. Washington had the largest number of water-power plants—23.7 per cent of the total—followed by Oregon with 22.1 per cent and Colorado with 18.4 per cent. Of the 12 producer-gas plants, 6 were in Washington, 2 in New Mexico, 1 each in Arizona and Colorado, and 2 in the rice districts of Texas. The plants designated "other" were principally in Texas, Kansas, and California, and were probably for the most part windmill plants.

As many of the pumping plants, particularly those in California, supply water to land which receives a partial supply from other sources, it is impossible to base averages of engine capacity or pump capacity per acre on the total figures given above. Averages computed on the basis of the capacities of plants which were to furnish the entire supply for the lands to be served by them in 1910, however, are given in Table 46. The plants represented are principally plants owned by individuals and supply comparatively small average areas, except those in the rice districts, where practically all of the water used for irrigation is pumped.

The average capacity of power plants per acre of the land they were capable of irrigating in 1910, as shown by this table, was 0.24 horsepower; or, stated inversely, the area to be supplied with water per horsepower was 4.2 acres. As previously indicated, the lift, the returns for which have not been tabulated, is so large a factor in the ratio between horsepower and acreage that the lack of information on this point detracts considerably from the value of the comparison. The averages shown for plants operated by the three leading kinds of power—steam, electricity, and gasoline—are, however, about what would be expected, and varied with the average size of the plants, the average horsepower per acre that was to be served being 0.19 for the steam plants, 0.25 for the electric plants, and 0.35 for the gasoline plants. Stated inversely, the approximate average area to be supplied with water per horsepower was 5 acres for the steam plants, 4 acres for the electric plants, and 3 acres for the gasoline plants.

Table 46

STATE.	PUMPING PLANTS. <sup>1</sup>															
	TOTAL.		STEAM.		ELECTRIC.		GASOLINE.		PRODUCER GAS.		WATER.		WIND.		OTHER.	
	Capacity of power plants per acre (horse-power)	Pump capacity per acre (gallons per minute)	Capacity of power plants per acre (horse-power)	Pump capacity per acre (gallons per minute)	Capacity of power plants per acre (horse-power)	Pump capacity per acre (gallons per minute)	Capacity of power plants per acre (horse-power)	Pump capacity per acre (gallons per minute)	Capacity of power plants per acre (horse-power)	Pump capacity per acre (gallons per minute)	Capacity of power plants per acre (horse-power)	Pump capacity per acre (gallons per minute)	Capacity of power plants per acre (horse-power)	Pump capacity per acre (gallons per minute)	Capacity of power plants per acre (horse-power)	Pump capacity per acre (gallons per minute)
Total <sup>1</sup> .....	0.24	12.4	0.13	13.4	0.25	10.1	0.35	14.4	0.43	17.4	0.12	4.6	0.27	12.9	0.18	8.2
Arizona.....	0.72	15.9	1.09	17.4	0.86	39.6	0.55	17.6	.....	.....	0.14	2.0	0.44	9.4	0.44	10.5
California.....	0.32	13.8	0.33	14.1	0.27	9.0	0.37	16.4	.....	.....	0.12	9.2	0.25	15.6	0.17	8.9
Colorado.....	0.26	12.9	0.19	11.4	0.15	9.2	0.20	11.6	0.57	3.9	0.37	18.2	0.22	32.7	0.31	16.3
Idaho.....	0.12	4.8	1.35	22.9	0.31	9.6	0.10	3.1	.....	.....	0.12	4.9	0.18	2.4	.....	.....
Kansas.....	0.26	13.6	0.17	8.9	.....	.....	0.25	16.0	.....	.....	.....	.....	0.28	18.4	0.45	9.7
Montana.....	0.07	5.6	0.21	16.0	.....	.....	0.12	10.9	.....	.....	0.01	1.0	.....	.....	0.28	14.4
Nebraska.....	0.64	29.0	.....	.....	.....	.....	0.48	42.0	.....	.....	2.90	10.0	0.30	7.5	0.35	7.8
Nevada.....	0.16	9.8	0.11	5.4	.....	.....	0.18	18.3	.....	.....	0.39	5.1	0.27	16.9	0.08	4.9
New Mexico.....	0.97	14.6	0.22	8.5	0.06	24.6	1.20	10.5	0.75	34.9	.....	.....	0.35	3.4	0.07	28.9
North Dakota.....	0.17	14.9	0.17	14.9	.....	.....	1.20	3.0	.....	.....	.....	.....	0.49	28.9	.....	.....
Oklahoma.....	0.38	16.9	.....	.....	.....	.....	0.36	24.0	.....	.....	.....	.....	0.32	8.1	0.47	5.6
Oregon.....	0.33	13.2	0.17	7.2	0.20	12.5	0.34	18.9	.....	.....	0.64	12.2	0.08	3.0	0.26	12.1
South Dakota.....	0.09	7.2	0.25	7.5	.....	.....	0.07	7.3	.....	.....	.....	.....	0.28	1.1	.....	.....
Texas <sup>2</sup> .....	0.33	13.0	0.31	11.9	0.56	13.8	0.33	14.5	.....	.....	0.42	11.0	0.39	12.9	0.37	10.7
Utah.....	0.18	10.0	0.20	10.0	0.13	1.5	0.40	25.8	.....	.....	0.23	28.8	0.12	5.8	0.16	12.5
Washington.....	0.29	9.4	0.41	17.4	0.23	6.6	0.29	10.6	.....	.....	0.31	8.2	0.33	14.5	0.20	4.9
Wyoming.....	0.09	18.6	0.20	14.9	0.06	24.5	0.15	8.2	.....	.....	0.13	7.1	0.17	2.5	0.19	19.9
RICE DISTRICTS.																
Arkansas.....	0.30	9.5	0.27	9.2	.....	.....	0.23	33.5	.....	.....	.....	.....	.....	.....	0.24	11.6
Louisiana.....	0.16	13.9	0.16	14.3	.....	.....	0.27	10.8	.....	.....	.....	.....	.....	.....	0.11	8.9
Texas.....	0.18	10.4	0.13	12.1	.....	.....	0.24	7.8	0.15	8.0	.....	.....	.....	.....	0.26	9.5

<sup>1</sup> Figures relate only to plants which were to furnish the entire supply of water for the land to be served by them. The acreage figures used in these computations represent the acreage which these plants were capable of irrigating in 1910.  
<sup>2</sup> Exclusive of plants supplying water for the irrigation of rice.

The general averages of power capacity per acre of the land to be supplied with water for the different states varied widely, ranging from less than one-tenth of 1 horsepower (0.07) in Montana to nearly 1 horsepower (0.97) in New Mexico. The averages for the rice districts of Louisiana and Texas, where the plants are large and the lifts are low, were below the average for the United States, while the average in California, where the lifts are higher and the plants smaller, was considerably above the general average. These three states contained the majority of the pumping plants. The same variations among the states appear in the figures for the three principal kinds of power; the average power capacity per acre to be served for steam plants ranged from 0.11 horsepower in Nevada to 1.35 in Idaho, the average for gasoline plants from 0.07 horsepower in South Dakota to 1.20 horsepower in New Mexico and North Dakota, and the average for electric plants from 0.06 horsepower in Wyoming to 0.86 horsepower in Arizona. The averages for the other kinds of power are not sufficiently reliable to furnish a proper basis for discussion.

The averages of pump capacity per acre of the land to be supplied with water are of considerably more value than the averages of power capacity just discussed, because no outside factor influences the ratio. For the entire region covered by the irrigation returns the average pump capacity per acre to be supplied with water was 12.4 gallons per minute, or 1 cubic foot per second for 36 acres. The kind and size of the plants do not affect this ratio particularly, and the variation in the averages for plants of different kinds is

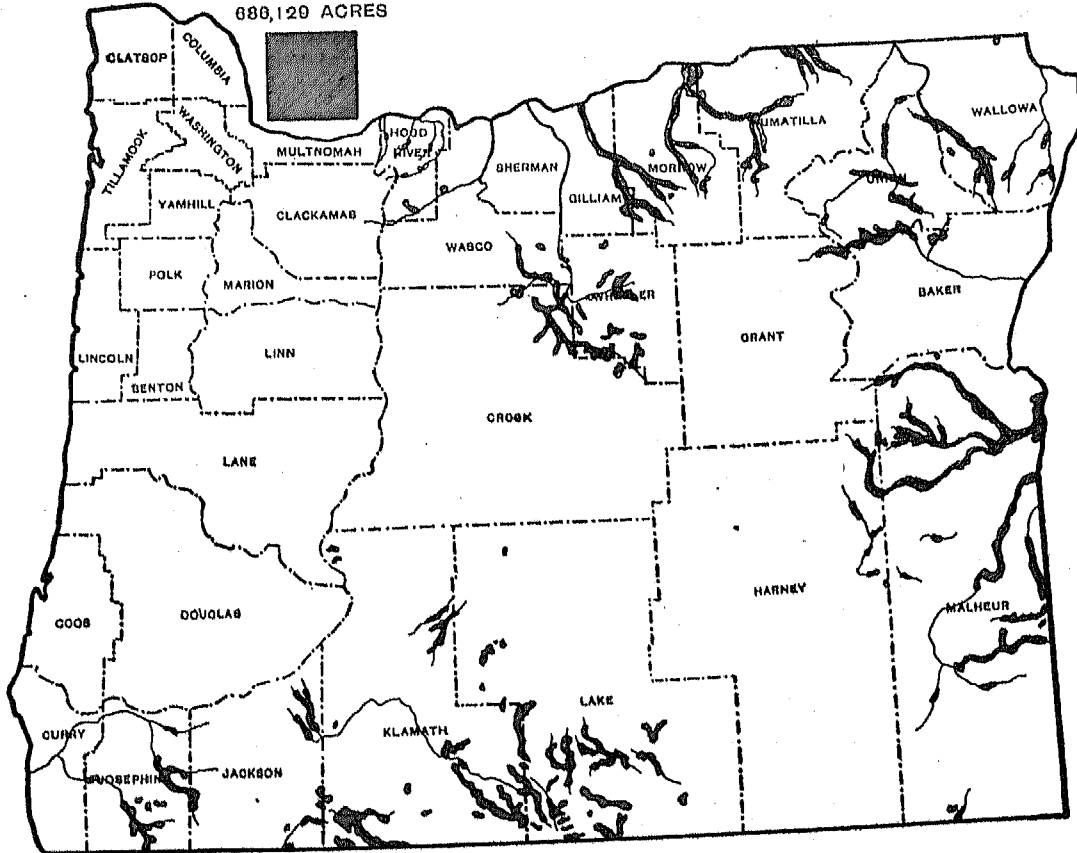
not nearly so wide as the variation in the average power capacity. The pump capacity per acre ranged from 4.8 in Idaho to 29 in Nebraska. Neither of these states, however, contained many of the plants represented in the averages.

For the plants represented by the averages in this table the figures indicate an average pump capacity per horsepower of 52 gallons per minute. The corresponding average for all plants, as shown in a preceding table, was 53.5 gallons per minute, indicating that the plants included in the table are fairly representative.

Cost.—The cost of pumping machinery was not reported separately from that of the entire enterprises, and consequently it can not be segregated for all plants. As most of the plants supplying individual farms and many of those supplying more than one farm are located on or near the land to be irrigated, however, the cost reported for these enterprises represents principally that of the pumping machinery, although it includes the cost of wells in cases where water is obtained from this source, and that of housing the machinery, which usually is very small in cases where it is housed. Many of the plants reported supply only a part of the water used on the land they serve, and hence for these the average cost per acre can not be computed. In Table 47 only those plants are included which were to provide the entire water supply for the land to be served in 1910, and for which the cost given does not cover that of extensive canal systems. These plants are principally those supplying single farms, although a few small plants operated by

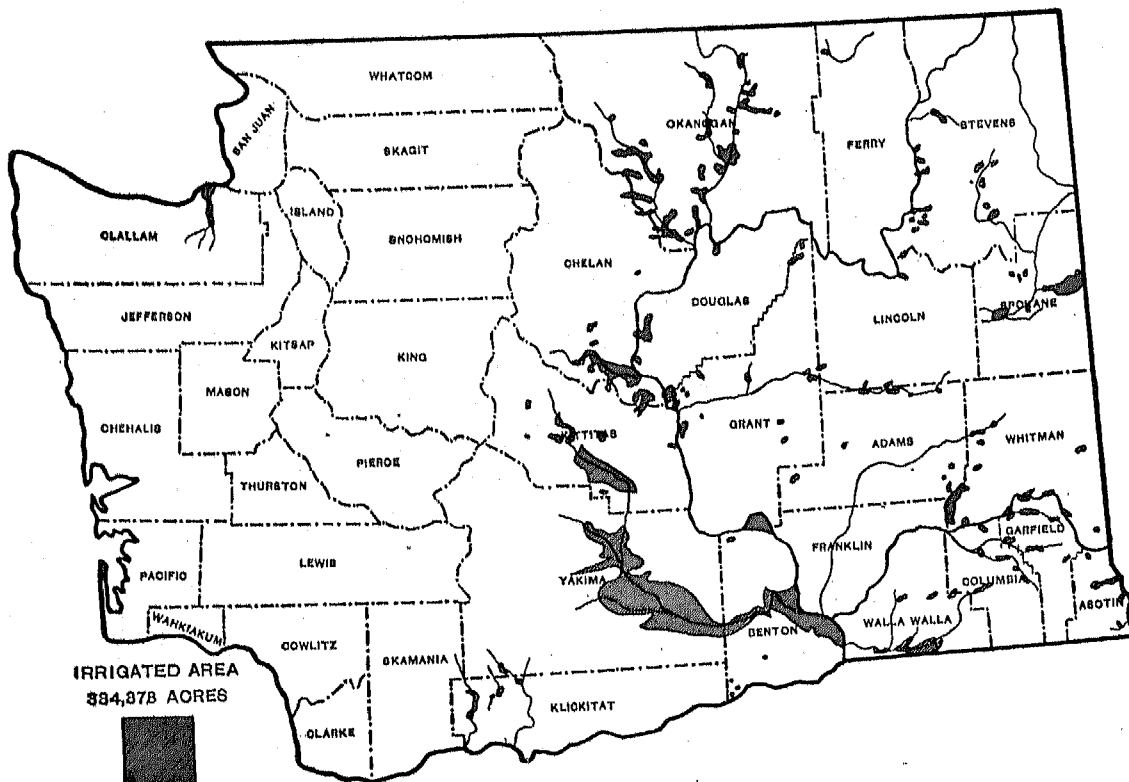
# OREGON

IRRIGATED AREA  
886,120 ACRES



# WASHINGTON

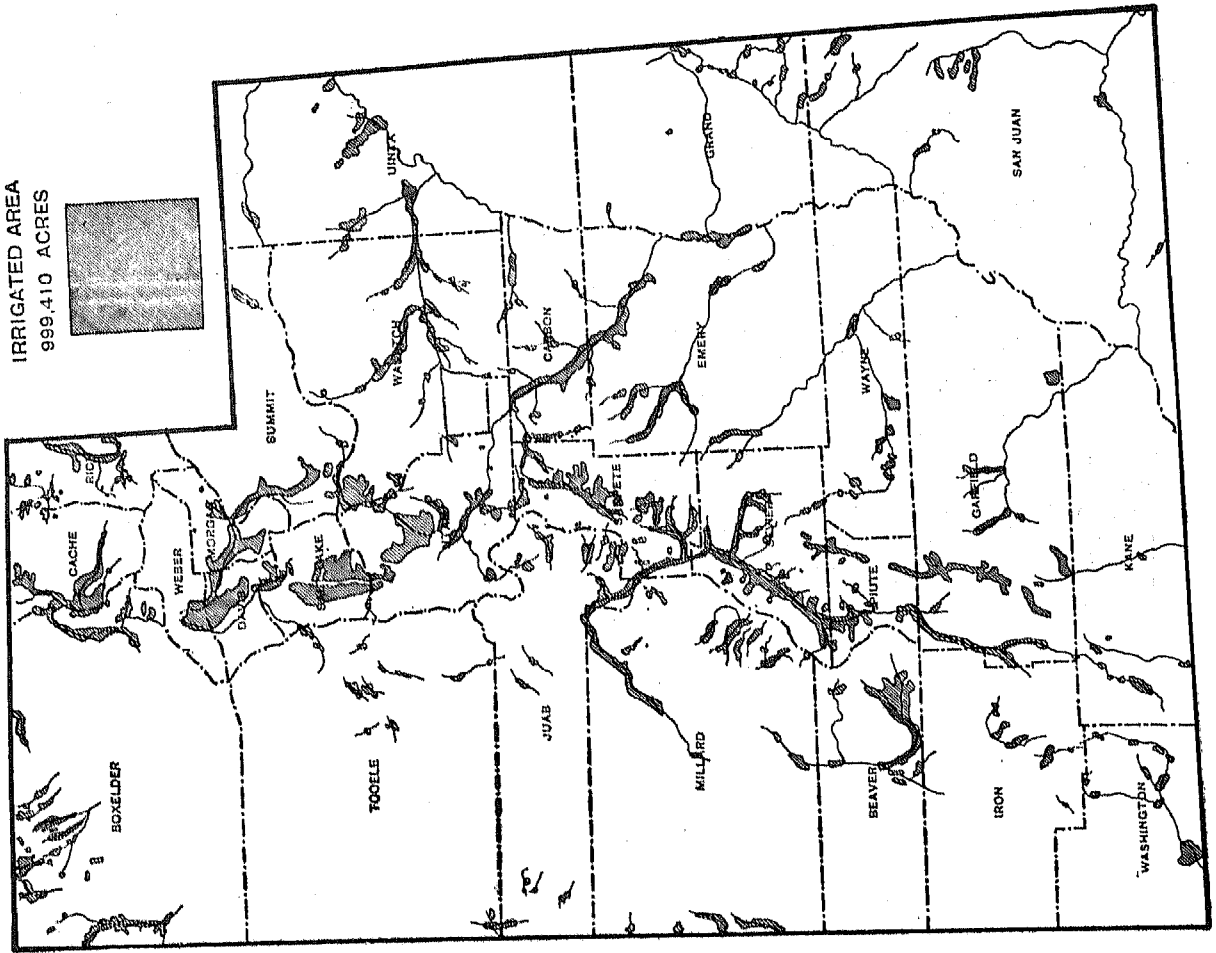
IRRIGATED AREA  
334,373 ACRES





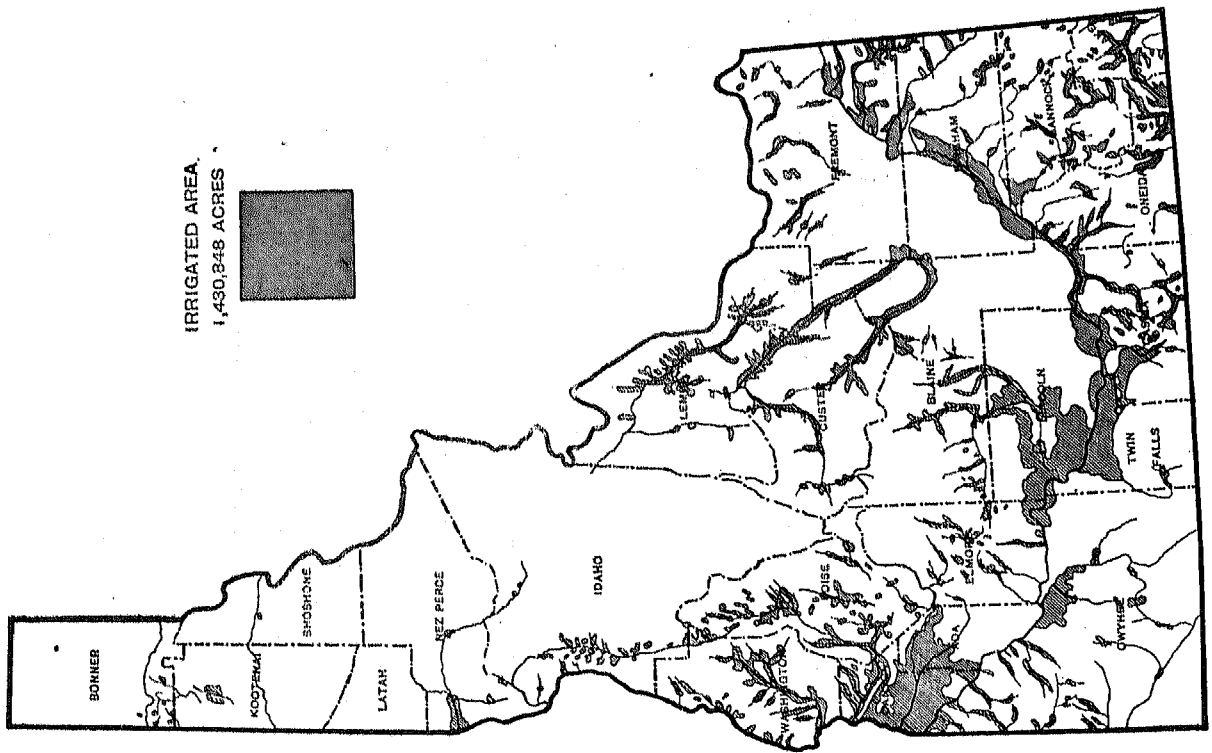
UTAH

IRRIGATED AREA  
999,410 ACRES



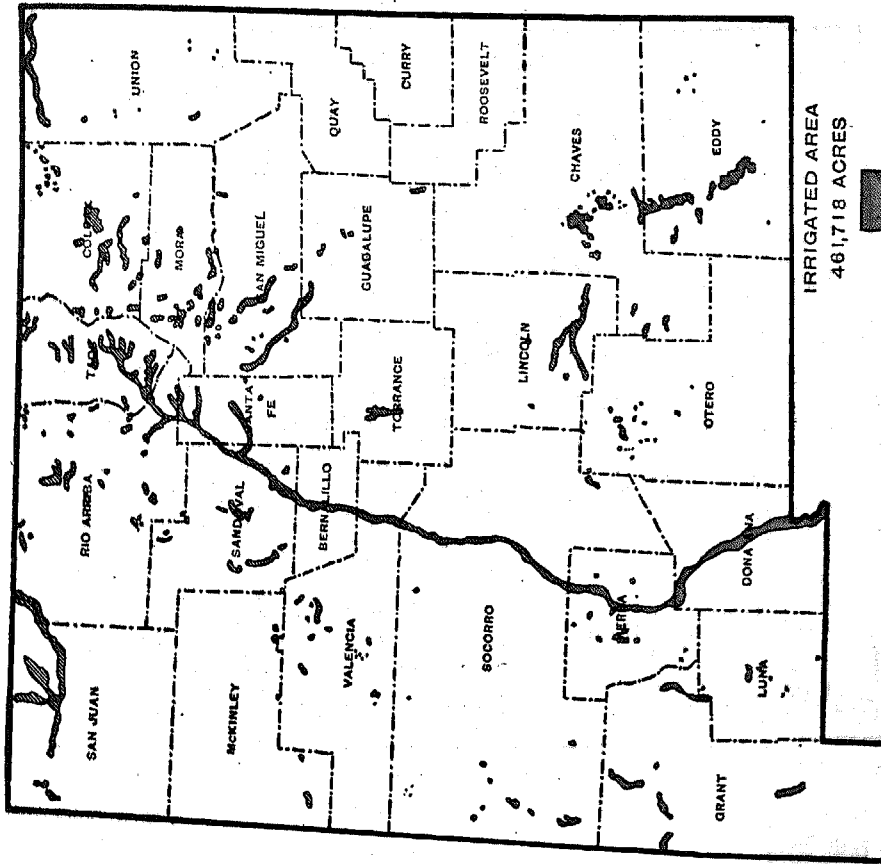
IDAHO

IRRIGATED AREA  
1,430,848 ACRES

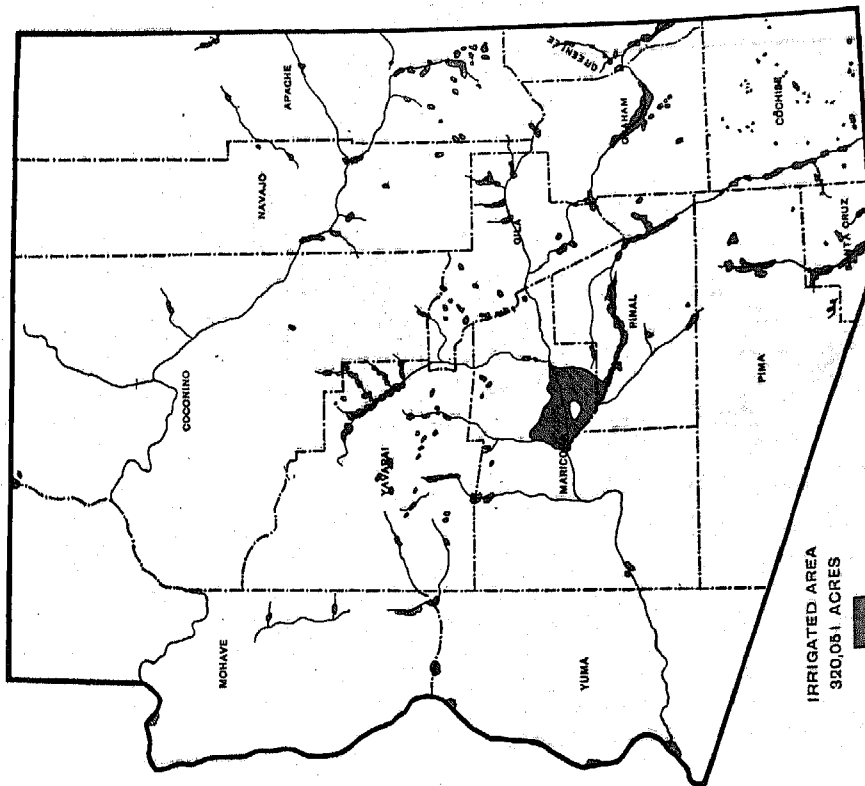




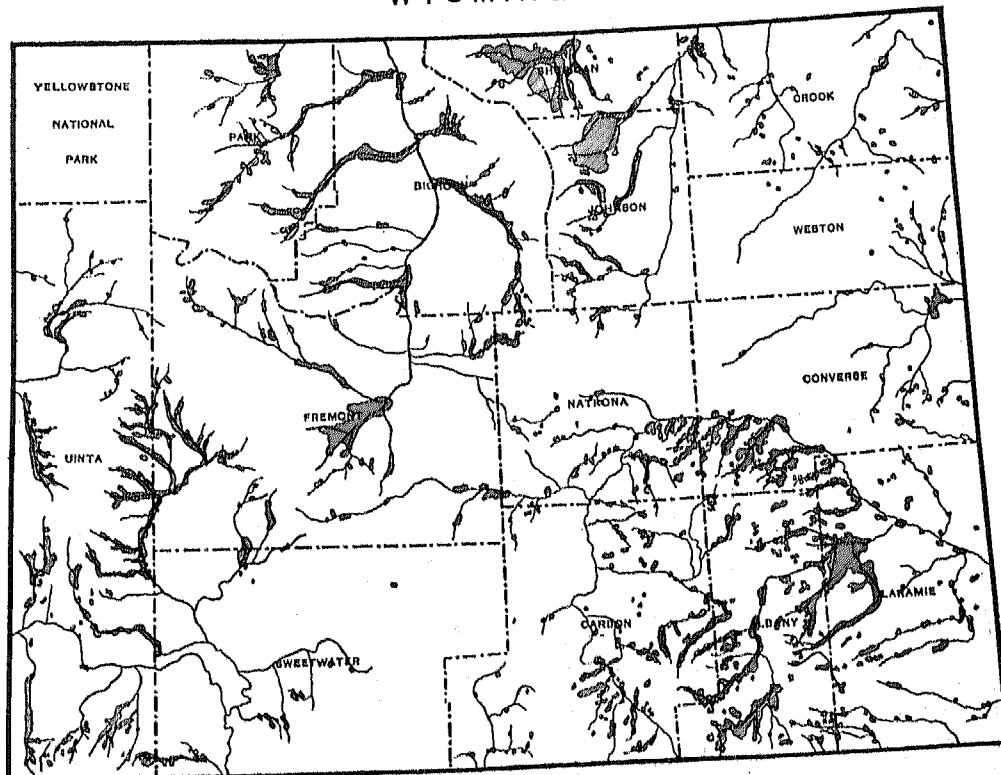
NEW MEXICO



ARIZONA



# WYOMING

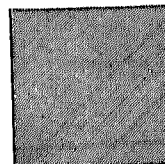


IRRIGATED AREA  
1,133,302 ACRES



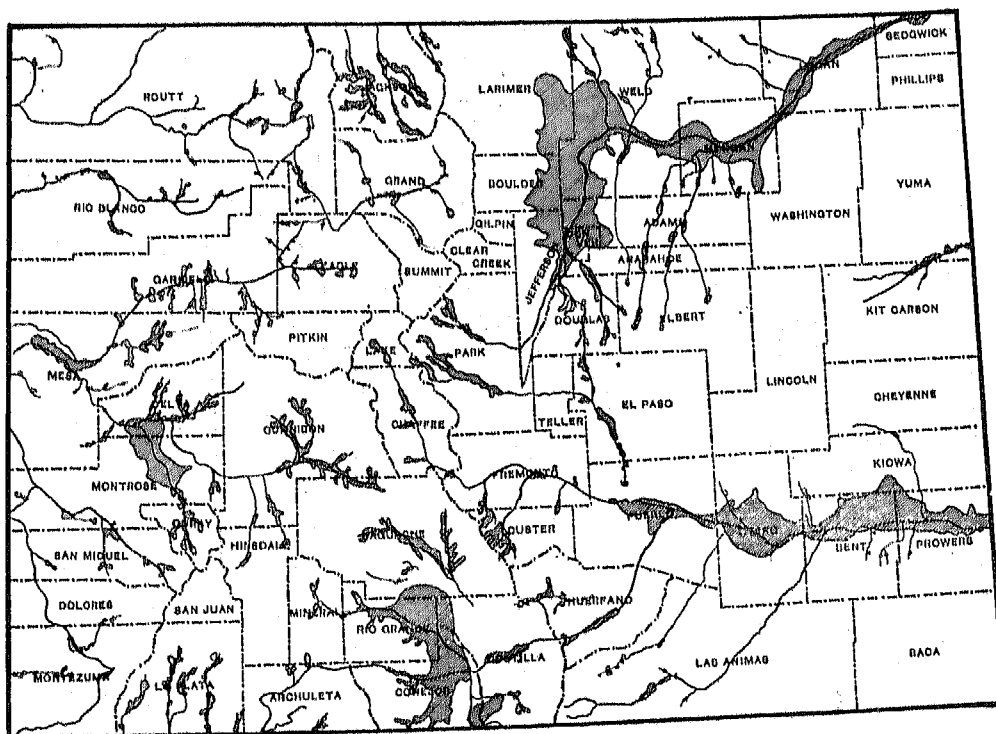
WYOMING

IRRIGATED AREA  
2,792,032 ACRES

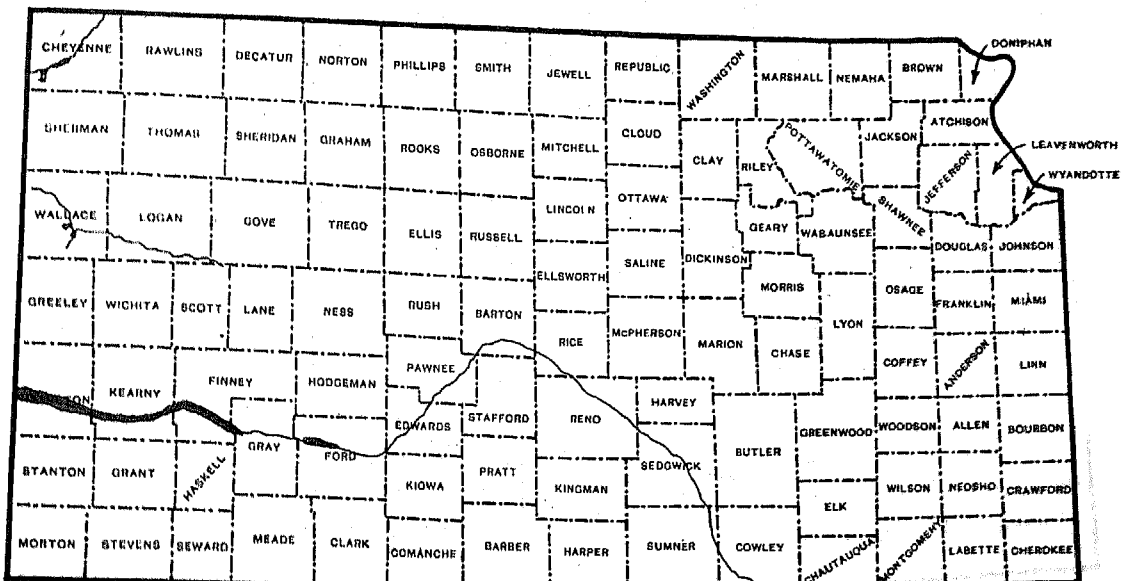


COLORADO

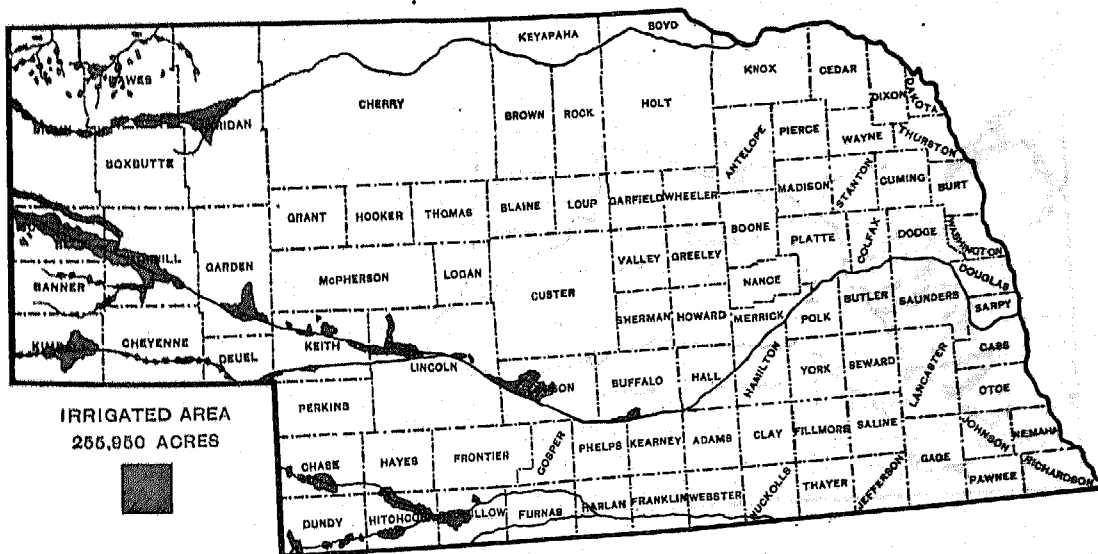
# COLORADO



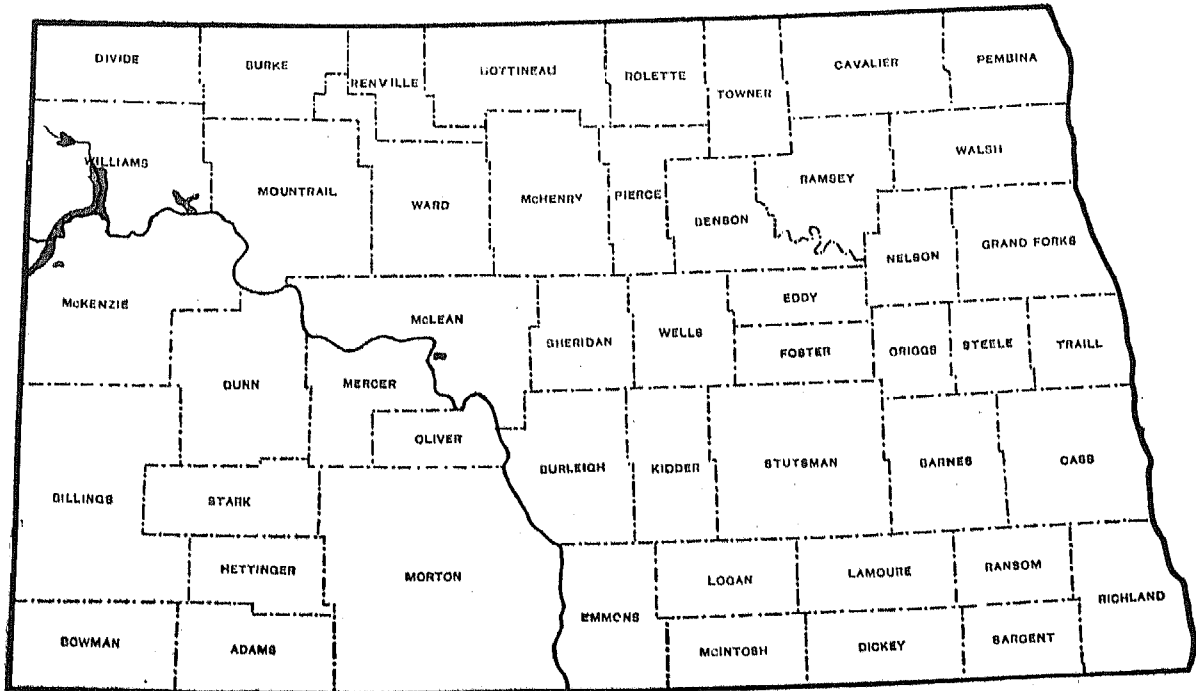
# KANSAS



# NEBRASKA



# NORTH DAKOTA



# SOUTH DAKOTA

