

FOURTEENTH CENSUS OF THE UNITED STATES: 1920

DEPARTMENT
OF COMMERCE

BULLETIN

BUREAU OF THE CENSUS
SAM. L. ROGERS, DIRECTOR

AGRICULTURE : MARYLAND

STATISTICS FOR THE STATE AND ITS COUNTIES

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INTRODUCTION.

This bulletin presents a statement of the statistics of agriculture for Maryland collected at the census of 1920. The statistics of farms and farm property relate to January 1, 1920; those of live-stock products and crops and of certain farm expenses are for the calendar year 1919. In order to show the present tend-

ency in agriculture, comparative figures for the census of 1910 are given throughout the bulletin; and to show the general trend of the agricultural industry over a considerable period of time, all general farm information available is presented for the different censuses since 1850.

FARMS AND FARM PROPERTY.

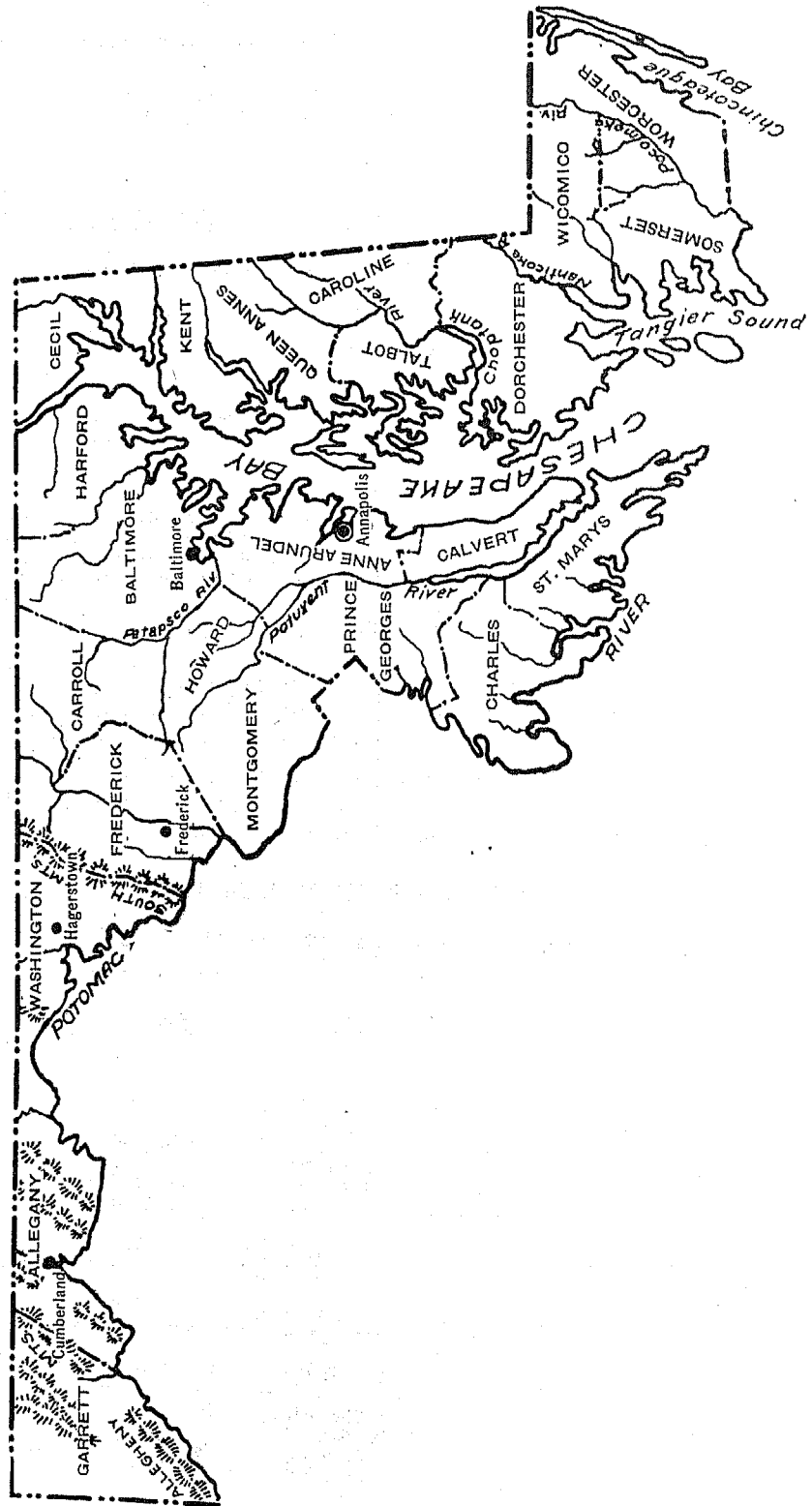
TABLE 1.—SUMMARY: 1920 AND 1910.

ITEM.	1920 (January 1)	1910 (April 15)	INCREASE. ¹	
			Amount.	Per cent.
Number of all farms.....	47,908	48,923	-1,015	-2.1
Approximate land area of the state.....acres..	6,362,240	6,362,240		
All land in farms.....acres..	4,757,999	5,057,140	-299,141	-5.9
Improved land in farms.....acres..	3,136,728	3,354,767	-218,039	-6.5
Woodland in farms.....acres..	1,327,221	1,467,333	-140,112	-9.5
Other unimproved land in farms.....acres..	294,050	235,040	59,010	25.1
Per cent of land area in farms.....	74.8	79.5		
Per cent of farm land improved.....	65.9	66.3		
Average acreage per farm.....	99.3	103.4	-4.1	-4.0
Average improved acreage per farm.....	65.5	68.6	-3.1	
Value of all farm property.....	\$463,638,120	\$286,167,028	\$177,471,092	62.0
Land.....	259,904,047	163,451,614	96,452,433	59.0
Buildings.....	126,692,803	78,285,509	48,407,294	61.8
Implements and machinery.....	28,970,020	11,859,771	17,110,249	144.3
Live stock.....	48,071,250	32,570,134	15,501,116	47.6
Average value per farm:				
All farm property.....	9,678	5,849	3,829	65.5
Land.....	5,425	3,341	2,084	62.4
Buildings.....	2,645	1,600	1,045	65.3
Implements and machinery.....	605	242	363	150.0
Live stock.....	1,003	666	337	50.6

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

MARYLAND

COUNTIES, PRINCIPAL CITIES, RIVERS, AND MOUNTAINS.



EXPLANATION OF TERMS.

To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term, referring to the work of growing crops, producing other agricultural products, and raising domestic animals, poultry, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1919, or required for its agricultural operations the continuous services of at least one person.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operation of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, managers, and tenants.

Farm owners include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "full owners" being then used for those owning all their land.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1920 in five classes: (1) Share tenants—those who pay a certain share of the products, as one-half, one-third, or one-quarter, for the use of the farm but furnish their own farm equipment and animals; (2) croppers—share tenants who do not furnish their work animals; (3) share-cash tenants—those who pay a share of the products for part of the land rented by them and cash for part; (4) cash tenants—those who pay a cash rental, as \$7 per acre of crop land or \$500 for the use of the whole farm; (5) standing renters—those who pay a stated amount of farm products for the use of the farm, as 3 bales of cotton or 500 bushels of corn. In some cases the character of the tenancy was not ascertained by the enumerator; such tenants are designated "unspecified."

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) other unimproved land.

Improved land includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest.

The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics, therefore, must be considered at best only a close approximation.

NUMBER OF FARMS, ACREAGE, AND VALUE.

TABLE 2.—NUMBER OF FARMS AND FARM ACREAGE: 1850 TO 1920.

CENSUS YEAR.	FARMS.		LAND IN FARMS.				Per cent of land area in farms.	Per cent of farm land im- proved.
	Num- ber.	Per cent of in- crease. ¹	All land.		Improved land.			
			Acres.	Per cent of in- crease. ¹	Acres.	Per cent of in- crease. ¹		
1920.....	47,908	-2.1	4,757,999	-5.9	3,136,728	-0.5	74.8	65.9
1910.....	48,923	6.3	5,067,140	-2.2	3,354,767	-4.6	79.5	66.3
1900.....	46,012	12.8	5,170,075	4.4	3,516,352	3.0	81.3	68.0
1890.....	40,798	0.7	4,952,300	-3.3	3,412,908	2.1	77.8	68.9
1880.....	40,517	50.1	5,119,831	13.5	3,342,700	14.7	80.5	65.3
1870.....	27,000	5.9	4,512,579	-6.7	2,914,007	-2.9	70.9	64.6
1860.....	25,494	16.6	4,835,571	4.3	3,002,267	7.3	76.0	62.1
1850.....	21,860	.....	4,634,360	.....	2,797,905	.....	72.8	60.4

¹ A minus sign (—) denotes decrease.

TABLE 3.—VALUE OF FARM PROPERTY: 1850 TO 1920.

CENSUS YEAR.	ALL FARM PROPERTY.		LAND AND BUILDINGS.		IMPLEMENTS AND MACHINERY.		LIVE STOCK.	
	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase.
1920.....	\$463,038,120	62.0	\$386,566,850	59.9	\$28,970,020	144.3	\$48,071,250	47.6
1910.....	289,167,028	39.8	241,737,123	38.0	11,859,771	37.7	32,570,134	50.2
1900.....	204,645,407	1.9	175,178,310	0.1	8,611,220	31.7	20,855,877	8.7
1890.....	200,792,960	7.3	175,058,550	5.8	6,540,090	13.0	19,194,320	21.0
1880.....	187,157,266	20.5	165,503,341	21.4	5,788,197	37.3	15,865,728	7.6
1870.....	155,257,646	-5.7	136,295,747	-6.6	4,214,941	5.1	14,746,958	0.5
1860.....	164,652,059	68.6	145,973,677	67.4	4,010,529	62.8	14,667,853	83.4
1850.....	97,639,622	.....	87,178,545	.....	2,463,443	.....	7,997,634	.....

¹ A minus sign (—) denotes decrease.

² Computed gold values, being 80 per cent of the currency values reported.

TABLE 4.—AVERAGE ACREAGE AND AVERAGE VALUE PER FARM: 1850 TO 1920.

[Averages are based on "all farms" in the state.]

CENSUS YEAR.	AVERAGE ACREAGE PER FARM.		AVERAGE VALUE PER FARM.			
	All land.	Improved land.	All farm property.	Land and buildings.	Implements and machinery.	Live stock.
1920.....	99.3	65.5	\$9,678	\$8,070	\$605	\$1,003
1910.....	103.4	68.6	5,849	4,041	242	666
1900.....	112.4	76.4	4,448	3,807	187	454
1890.....	121.4	83.7	4,922	4,291	160	470
1880.....	126.4	82.5	4,619	4,085	143	392
1870.....	107.1	107.9	5,750	5,048	156	546
1860.....	189.7	117.8	6,458	5,726	157	575
1850.....	212.0	128.0	4,467	3,988	113	366

¹ Computed gold values, being 80 per cent of the currency values reported.

TABLE 5.—AVERAGE VALUE PER ACRE: 1850 TO 1920.

[Averages are based on "all land in farms" in the state.]

CENSUS YEAR.	All farm property.	Land and buildings.	Land alone.	Buildings alone.	Implements and machinery.	Live stock.
1920.....	\$97.44	\$81.25	\$54.62	\$26.63	\$6.09	\$10.10
1910.....	56.59	47.80	32.32	15.48	2.35	6.44
1900.....	38.58	33.88	23.28	10.60	1.67	4.03
1890.....	40.54	35.35	.....	.....	1.32	3.88
1880.....	36.56	32.33	.....	.....	1.13	3.10
1870.....	34.41	30.20	.....	.....	0.93	3.27
1860.....	34.05	30.19	.....	.....	0.83	3.03
1850.....	21.07	18.81	.....	.....	0.53	1.73

¹ Computed gold values, being 80 per cent of the currency values reported.

FARMS BY SIZE.

TABLE 6.—NUMBER OF FARMS, BY SIZE AND BY COLOR OF FARMER:
1920 AND 1910.

COLOR AND SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number.	Percent.	1920	1910
All farmers.....	47,908	48,923	-1,015	-2.1	100.0	100.0
Under 20 acres.....	9,473	10,232	-759	-7.4	19.8	20.9
Under 3 acres.....	185	148	37	25.0	0.4	0.3
3 to 9 acres.....	4,397	4,977	-580	-11.7	9.2	10.2
10 to 19 acres.....	4,891	5,107	-216	-4.2	10.2	10.4
20 to 49 acres.....	9,003	8,629	374	4.3	18.8	17.6
50 to 99 acres.....	10,452	9,946	506	5.1	21.8	20.3
100 to 174 acres.....	11,178	11,457	-279	-2.4	23.3	23.4
175 to 499 acres.....	7,344	8,070	-726	-9.0	15.3	16.5
175 to 259 acres.....	4,821	5,043	-222	-4.4	10.1	10.3
260 to 499 acres.....	2,523	3,027	-504	-16.7	5.3	6.2
500 to 999 acres.....	392	506	-114	-22.5	0.8	1.0
1,000 acres and over.....	66	83	-17	.....	0.1	0.2
White.....	41,699	42,551	-852	-2.0	100.0	100.0
Under 20 acres.....	6,890	7,290	-400	-5.5	16.5	17.1
Under 3 acres.....	188	141	27	19.1	0.4	0.3
3 to 9 acres.....	3,100	3,369	-269	-8.0	7.4	7.9
10 to 19 acres.....	3,622	3,780	-158	-4.2	8.7	8.9
20 to 49 acres.....	7,520	7,243	277	3.8	18.0	17.0
50 to 99 acres.....	9,519	9,179	340	3.7	22.8	21.6
100 to 174 acres.....	10,413	10,677	-264	-2.5	25.0	25.1
175 to 499 acres.....	6,927	7,613	-686	-9.0	16.6	17.9
175 to 259 acres.....	4,545	4,732	-187	-4.0	10.9	11.1
260 to 499 acres.....	2,382	2,881	-499	-17.3	5.7	6.8
500 to 999 acres.....	367	471	-104	-22.1	0.9	1.1
1,000 acres and over.....	63	78	-15	.....	0.2	0.2
Colored.....	6,209	6,372	-163	-2.6	100.0	100.0
Under 20 acres.....	2,583	2,942	-359	-12.2	41.6	46.2
Under 3 acres.....	17	7	10	.....	0.3	0.1
3 to 9 acres.....	1,297	1,608	-311	-19.3	20.9	25.2
10 to 19 acres.....	1,269	1,327	-58	-4.4	20.4	20.8
20 to 49 acres.....	1,463	1,356	97	7.0	23.9	21.8
50 to 99 acres.....	933	787	146	21.6	15.0	12.0
100 to 174 acres.....	705	780	-75	-9.5	12.3	12.2
175 to 499 acres.....	417	457	-40	-8.8	6.7	7.2
175 to 259 acres.....	276	311	-35	-11.3	4.4	4.9
260 to 499 acres.....	141	146	-5	-3.4	2.3	2.3
500 to 999 acres.....	25	35	-10	.....	0.4	0.5
1,000 acres and over.....	3	5	-2	.....	(?)	0.1

¹ A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.² Less than one-tenth of 1 per cent.TABLE 7.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY
SIZE: 1880 TO 1920.

SIZE GROUP.	1920	1910	1900	1890	1880
Total number of farms.....	47,908	48,923	46,012	40,796	40,517
Under 10 acres.....	4,582	5,125	3,835	2,083	2,911
10 to 19 acres.....	4,891	5,107	4,315	3,408	3,293
20 to 49 acres.....	9,003	8,629	7,083	6,168	5,948
50 to 99 acres.....	10,452	9,946	9,307	8,011	7,768
100 to 499 acres.....	18,522	19,527	20,202	19,532	19,792
500 to 999 acres.....	392	506	591	613	728
1,000 acres and over.....	66	83	79	83	77
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	9.6	10.5	8.3	7.3	7.2
10 to 19 acres.....	10.2	10.4	9.4	8.4	8.1
20 to 49 acres.....	18.8	17.6	16.7	15.1	14.7
50 to 99 acres.....	21.8	20.3	20.2	19.6	19.2
100 to 499 acres.....	38.7	39.8	43.9	47.9	48.8
500 to 999 acres.....	0.8	1.0	1.3	1.5	1.8
1,000 acres and over.....	0.1	0.2	0.2	0.2	0.2

TABLE 8.—FARM ACREAGE AND VALUE, BY SIZE OF FARM:
1920 AND 1910.

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	4,757,999	5,057,140	3,136,728	3,354,767	\$386,506,850	\$241,737,123
Under 20.....	92,303	97,263	75,315	80,096	25,778,323	17,813,279
20 to 49.....	292,568	278,402	205,921	209,115	35,357,131	22,791,832
50 to 99.....	741,162	700,098	518,872	497,340	63,813,017	30,304,852
100 to 174.....	1,451,857	1,456,215	1,010,626	1,049,206	110,318,698	63,818,929
175 to 499.....	1,843,500	2,055,882	1,179,057	1,329,921	128,923,821	87,550,094
500 to 999.....	238,075	312,911	115,134	151,285	15,103,440	10,724,022
1,000 and over.....	98,454	120,369	31,803	37,204	4,294,480	2,734,115

TABLE 9.—PER CENT OF FARM LAND IMPROVED, AND AVERAGE
VALUES, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	1920	1910	Per farm.		Per acre.	
			1920	1910	1920	1910
Total.....	65.9	66.3	\$8,070	\$4,941	\$81.25	\$47.80
Under 20 acres.....	81.5	83.0	2,721	1,741	279.01	183.15
20 to 49 acres.....	70.4	75.1	4,280	3,641	131.11	81.87
50 to 99 acres.....	70.0	71.0	6,105	5,650	86.10	51.86
100 to 174 acres.....	69.6	70.6	9,899	8,570	75.98	42.94
175 to 499 acres.....	64.0	64.7	17,555	10,849	69.94	42.59
500 to 999 acres.....	48.4	48.3	38,542	21,104	63.46	34.27
1,000 acres and over.....	32.3	29.4	65,068	32,941	48.62	21.64

FARMS BY TENURE.

TABLE 10.—NUMBER OF FARMS, BY TENURE AND COLOR OF
FARMER: 1920 AND 1910.

COLOR AND TENURE.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number.	Percent.	1920	1910
All farmers.....	47,908	48,923	-1,015	-2.1	100.0	100.0
Owners.....	32,805	33,519	-714	-2.1	68.5	68.5
Owning entire farm.....	30,842	31,120	-278	-0.9	64.4	63.6
Hiring additional land.....	1,963	2,399	-436	-18.2	4.1	4.9
Managers.....	1,262	988	274	27.7	2.6	2.0
Tenants.....	13,841	14,416	-575	-4.0	28.9	29.5
Share tenants.....	9,552	10,118	-566	-5.6	19.9	20.7
Croppers.....	1,450	38	1,412	8.8	3.0	0.1
Share-cash tenants.....	38	204	-166	-81.4	0.1	0.4
Cash tenants.....	2,288	2,938	-650	-21.5	4.8	6.0
Standing renters.....	18	1,156	-1,138	-58.0	(?)	2.4
Unspecified.....	486	1,156	-670	-58.0	1.0	2.4
White.....	41,699	42,551	-852	-2.0	100.0	100.0
Owners.....	29,256	29,569	-313	-1.1	70.2	69.5
Owning entire farm.....	27,751	27,819	-68	-0.2	66.6	65.4
Hiring additional land.....	1,505	1,750	-245	-14.0	3.6	4.1
Managers.....	1,111	901	210	23.3	2.7	2.1
Tenants.....	11,332	12,081	-749	-6.2	27.2	28.4
Share tenants.....	8,048	8,493	-445	-5.3	19.3	19.8
Croppers.....	865	32	833	96.2	2.1	0.1
Share-cash tenants.....	32	169	-137	-81.1	0.1	0.4
Cash tenants.....	1,991	2,533	-542	-21.0	4.8	6.0
Standing renters.....	11	940	-929	-58.6	(?)	2.2
Unspecified.....	392	940	-548	-58.6	0.9	2.2
Colored.....	6,209	6,372	-163	-2.6	100.0	100.0
Owners.....	3,549	3,950	-401	-10.2	57.2	62.0
Owning entire farm.....	3,091	3,301	-210	-6.4	49.8	51.8
Hiring additional land.....	458	649	-191	-29.4	7.4	10.2
Managers.....	151	87	64	74.1	2.4	1.4
Tenants.....	2,509	2,335	174	7.5	40.4	36.6
Share tenants.....	1,504	1,685	-181	-11.9	24.2	26.4
Croppers.....	601	35	566	94.3	9.7	0.5
Share-cash tenants.....	6	35	-29	-81.2	0.1	0.5
Cash tenants.....	297	405	-108	-36.7	4.8	6.4
Standing renters.....	7	210	-203	-95.2	0.1	3.3
Unspecified.....	94	210	-116	-55.2	1.5	3.3

¹ A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.² Less than one-tenth of 1 per cent.

AGRICULTURE—MARYLAND.

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TABLE 11.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY TENURE: 1880 TO 1920.

TENURE.	1920	1910	1900	1890	1880
Total number of farms.....	47,908	48,923	46,012	40,798	40,517
Farms operated by owners.....	32,805	33,519	29,513	28,154	27,978
Owning entire farm.....	30,842	31,120	28,018	(2)	(2)
Hiring additional land.....	1,963	2,399	1,495	(2)	(2)
Farms operated by managers.....	1,262	988	1,052	(3)	(3)
Farms operated by tenants.....	13,841	14,416	15,447	12,644	12,539
Share tenants.....	11,011	10,118	11,391	9,399	8,661
Share-cash tenants.....	38	204			
Cash tenants.....	2,306	2,938			
Unspecified.....	486	1,156	4,056	3,245	3,878
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Operated by owners.....	68.5	68.5	64.1	69.0	69.1
Owning entire farm.....	64.4	63.6	60.9	(2)	(2)
Hiring additional land.....	4.1	4.9	3.2	(2)	(2)
Operated by managers.....	2.6	2.0	2.3	(*)	(3)
Operated by tenants.....	28.9	29.5	33.6	31.0	30.9
Share and share-cash.....	23.1	21.1	24.8	23.0	21.4
Cash and unspecified.....	5.8	8.4	8.8	8.0	9.6

- 1 Includes farms operated by managers.
2 Not reported separately.
3 Included with farms operated by owners.
4 Includes croppers.
5 Includes standing renters.

TABLE 12.—FARM ACREAGE AND VALUE, BY TENURE AND COLOR OF FARMER: 1920 AND 1910.

COLOR AND TENURE.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
All farmers.....	4,757,999	5,057,140	3,136,728	3,354,787	\$386,596,850	\$241,737,123
Owners.....	2,750,870	2,905,318	1,759,988	1,883,482	220,743,139	132,810,705
Managers.....	259,426	207,291	168,518	129,269	34,526,139	24,468,741
Tenants.....	1,747,703	1,944,531	1,208,222	1,342,016	131,327,575	84,457,677
White.....	4,406,422	4,698,623	2,919,042	3,136,185	364,941,929	231,467,339
Owners.....	2,631,595	2,783,279	1,680,704	1,806,018	212,779,739	128,885,932
Managers.....	237,344	193,930	152,839	120,254	32,189,489	23,290,191
Tenants.....	1,537,483	1,721,414	1,079,499	1,209,913	119,972,701	79,286,210
Colored.....	351,577	358,517	217,686	218,582	21,654,921	10,269,784
Owners.....	119,275	122,039	73,284	76,564	7,963,397	3,924,773
Managers.....	22,082	13,361	15,679	9,015	2,336,660	1,172,550
Tenants.....	210,220	223,117	128,723	133,003	11,354,874	5,172,461

TABLE 13.—PER CENT DISTRIBUTION OF FARMS AND OF FARM ACREAGE AND VALUE, BY TENURE, FOR WHITE AND COLORED FARMERS: 1920 AND 1910.

COLOR AND TENURE.	NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910	1920	1910
All farmers.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	68.5	68.5	57.8	57.4	56.1	56.1	57.1	54.9
Managers.....	2.6	2.0	5.5	4.1	5.4	3.9	8.9	10.1
Tenants.....	28.9	29.5	36.7	38.5	38.5	40.0	34.0	34.9
White.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	70.2	69.5	59.7	59.2	57.8	57.6	58.3	55.7
Managers.....	2.7	2.1	5.4	4.1	5.2	3.8	8.8	10.1
Tenants.....	27.2	28.4	34.9	36.6	37.0	38.6	32.9	34.3
Colored.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	57.2	62.0	33.9	34.0	33.7	35.0	36.8	38.2
Managers.....	2.4	1.4	6.3	3.7	7.2	4.1	10.8	11.4
Tenants.....	40.4	36.6	59.8	62.2	59.1	60.8	52.4	50.4

TABLE 14.—AVERAGE ACREAGE, PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY TENURE AND COLOR OF FARMER: 1920 AND 1910.

COLOR AND TENURE.	AVERAGE ACREAGE PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		1920	1910	Per farm.		Per acre.	
	1920	1910	1920	1910			1920	1910	1920	1910
All farmers.....	99.3	103.4	65.5	68.6	65.9	66.3	\$8,070	\$4,941	\$81.25	\$47.80
Owners.....	83.9	86.7	53.6	56.2	64.0	64.8	6,729	3,902	80.24	45.71
Managers.....	205.6	209.8	133.5	130.8	65.0	62.4	27,358	24,766	183.09	118.04
Tenants.....	126.3	134.9	87.3	93.1	60.1	60.0	9,488	5,859	75.14	43.43
White.....	105.7	110.4	70.0	73.7	66.2	66.7	8,752	5,440	82.82	49.20
Owners.....	90.0	94.1	57.7	61.1	64.1	64.9	7,273	4,359	80.80	46.31
Managers.....	213.0	215.2	137.6	133.5	64.4	62.0	28,973	25,850	195.02	120.13
Tenants.....	135.7	142.5	95.3	100.1	70.2	70.2	10,587	6,563	78.03	46.06
Colored.....	56.6	56.3	35.1	34.3	61.9	61.0	3,488	1,612	61.59	28.95
Owners.....	33.6	30.9	20.6	19.4	61.4	62.7	2,244	994	66.77	32.16
Managers.....	146.2	153.6	103.8	103.6	71.0	67.5	15,478	13,478	105.82	87.70
Tenants.....	83.8	95.6	51.3	57.0	61.2	59.6	4,520	2,215	54.01	23.18

FARMS BY SEX, RACE, AND NATIVITY OF FARMER.

TABLE 15.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY SEX AND TENURE OF FARMER: 1920.

SEX AND TENURE.	Number of farms.	All land in farms (acres).	Improved land in farms (acres).	Value of land and buildings.	AVERAGE PER FARM.		
					All land (acres).	Improved land (acres).	Value of land and buildings.
Total.....	47,908	4,757,999	3,136,728	\$386,596,850	99.3	65.5	\$8,070
Male.....	46,080	4,613,728	3,047,098	373,951,719	100.1	66.1	8,115
Female.....	1,828	144,271	89,630	12,645,131	78.9	49.0	6,917
Owners.....	32,805	2,750,870	1,759,988	230,743,136	83.9	53.6	6,729
Male.....	31,127	2,624,206	1,681,847	209,510,155	84.3	54.0	6,731
Female.....	1,678	126,664	78,141	11,232,981	75.5	46.0	6,694
Managers.....	1,262	259,426	168,518	34,526,139	205.6	133.5	27,358
Male.....	1,254	258,235	167,671	34,340,639	205.9	133.7	27,385
Female.....	8	1,191	847	185,500	148.9	105.0	23,188
Tenants.....	13,841	1,747,703	1,208,222	131,327,575	126.3	87.8	9,488
Male.....	13,699	1,731,287	1,197,580	130,100,925	126.4	87.4	9,407
Female.....	142	16,416	10,642	1,226,650	115.6	74.9	8,638

TABLE 16.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY NATIVITY OF WHITE FARMERS AND BY RACE OF COLORED FARMERS: 1920 AND 1910.

COLOR AND NATIVITY OR RACE.	NUMBER OF FARMS.		LAND IN FARMS, 1920 (ACRES).		Value of land and buildings, 1920
	1920	1910	Total.	Improved.	
All farmers.....	47,908	48,923	4,757,999	3,136,728	\$386,596,850
White farmers.....	41,699	42,551	4,406,422	2,919,042	\$364,941,929
Native.....	40,130	40,060	4,277,868	2,845,259	\$324,773,210
Foreign-born.....	1,569	1,882	128,554	73,783	12,168,719
Country of birth:					
Austria.....	146	88	8,680	4,578	573,815
England.....	119	153	10,171	5,493	1,167,700
Germany.....	722	1,126	58,113	33,310	6,393,350
Ireland.....	73	151	7,428	4,972	951,465
Poland.....	73	38	3,977	2,269	440,550
Russia.....	73	51	5,993	3,870	728,250
Other countries.....	363	275	34,186	19,291	2,915,589
Colored farmers.....	6,209	6,372	351,577	217,686	21,654,921
Negro.....	6,208	6,370	351,527	217,651	21,651,121
Indian.....	1	1	50	35	3,800
Chinese.....					

1 Includes farmers with country of birth not reported, as follows: For 1920, 750; for 1910, 109.

TABLE 17.—NUMBER OF FARMERS, CLASSIFIED BY TENURE, COLOR, AND NATIVITY: 1920 AND 1910.

TENURE.	ALL FARMERS.		NATIVE WHITE. ¹		FOREIGN-BORN WHITE.		COLORED.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	47,908	48,923	40,130	40,669	1,509	1,882	6,209	6,372
Owners.....	32,805	33,519	27,914	28,047	1,342	1,522	3,549	3,950
Managers.....	1,262	988	1,056	825	55	76	151	87
Tenants.....	13,841	14,416	11,160	11,797	172	284	2,509	2,335

¹ Includes farmers with country of birth not reported.

FARM MORTGAGES.

TABLE 18.—MORTGAGED FARMS: 1920 AND 1910.

(Owned farms only; includes all farms owned in whole or in part by the operator.)

CLASS.	NUMBER OF OWNED FARMS.		INCREASE. ¹		PER CENT OF TOTAL. ²	
	1920	1910	Number.	Percent.	1920	1910
Total.....	32,805	33,519	-714	-2.1	100.0	100.0
Free from mortgage.....	19,292	21,084	-1,792	-8.5	63.0	63.5
Mortgaged.....	11,339	12,127	-788	-6.5	37.0	36.5
Unknown.....	2,174	308	1,866	605.8		

¹ A minus sign (-) denotes decrease. The comparative figures for farms free from mortgage and mortgaged are affected somewhat by the fact that more farms were tabulated as "unknown" in 1920 than in 1910.² Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 19.—MORTGAGED FARMS (OR FARM HOMES): 1890 TO 1920.

CLASS.	OWNED FARMS.		OWNED FARM HOMES.		PER CENT OF TOTAL. ¹			
	1920	1910	1900	1890	1920	1910	1900	1890
Total.....	32,805	33,519	30,385	25,969	100.0	100.0	100.0	100.0
Free from mortgage.....	19,292	21,084	18,088	18,175	63.0	63.5	63.2	70.0
Mortgaged.....	11,339	12,127	10,533	7,794	37.0	36.5	36.8	30.0
Unknown.....	2,174	308	1,764					

¹ Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 20.—MORTGAGE DEBT: 1920 AND 1910.

ITEM.	OWNED FARMS MORTGAGED. ¹		INCREASE. ²	
	1920	1910	Amount.	Per cent.
Number of farms reporting amount of debt.....	10,407	10,754	-347	-3.2
Value of land and buildings.....	\$75,082,413	\$44,308,721	\$30,683,692	69.1
Amount of mortgage debt.....	\$27,481,197	\$15,673,773	\$11,807,424	75.3
Ratio of debt to value, per cent.....	36.6	35.3		
Average rate of interest paid, per cent.....	5.6			
Average value per farm.....	\$7,215	\$4,129	\$3,086	74.7
Average debt per farm.....	\$2,641	\$1,457	\$1,184	81.3
Average equity per farm.....	\$4,574	\$2,672	\$1,902	71.2

¹ Includes only farms consisting wholly of owned land and reporting amount of debt. In considering the comparative figures, it should be borne in mind that the mortgage debt may have been more completely reported at one census than at the other.² A minus sign (-) denotes decrease.

FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED.

TABLE 21.—FARMS REPORTING EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	NUMBER OF FARMS REPORTING.		INCREASE. ¹		PER CENT OF ALL FARMS.	
	1919	1909	Number.	Percent.	1919	1909
Labor.....	29,123	31,982	-2,859	-8.9	80.8	65.4
Fertilizer.....	39,270	37,154	2,116	5.7	82.0	75.9
Feed.....	33,353	23,198	10,155	43.8	69.6	47.4

¹ A minus sign (-) denotes decrease.

TABLE 22.—AMOUNT OF EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	AMOUNT EXPENDED.		INCREASE.	
	1919	1909	Amount.	Per cent.
Labor, total.....	\$16,721,204	\$8,802,172	\$7,919,122	90.0
Amount in cash.....	12,915,060	6,743,157	6,171,903	91.5
Value of rent and board furnished.....	3,806,234	2,059,015	1,747,219	84.9
Fertilizer.....	7,610,478	3,387,634	4,222,844	124.7
Feed.....	8,044,715	2,445,065	5,599,650	229.0

LIVE STOCK ON FARMS AND ELSEWHERE.

(DOMESTIC ANIMALS, POULTRY, AND BEES.)

Domestic animals: 1920 and 1910.—The census of 1920 was taken as of January 1 and that of 1910 as of April 15. Since a great many domestic animals are born during the period between January 1 and April 15 and, on the other hand, a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not fully comparable. In addition to the change in the date of enumeration, there have been certain changes in the age and sex classifications. The 1910 figures presented in the following tables are therefore restricted to those classes of domestic animals which are least affected by these changes and for which the figures are fairly comparable with the 1920 returns.

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

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

In states where cattle are raised extensively for beef production the result of this new classification will be to reduce materially the proportion of cows classified as dairy cows, and even in states having few strictly beef cattle the 1920 classification may be expected to give a somewhat smaller proportion of dairy cows than the 1910 classification.

In Maryland, however, notwithstanding this change of classification, the number of dairy cows, including

heifers 1 year old and over, reported for January 1, 1920, namely, 188,537, shows an increase of 21,678, or 13 per cent, as compared with 166,859 cows reported as "kept for milk" on April 15, 1910. On the other hand, the 13,704 beef cows reported in 1920 represent a decrease of 5,112, or 27.2 per cent, as compared with 18,816 cows reported in 1910 as "not kept for milk."

Farms reporting domestic animals: 1910.—Horses were reported by 42,374 farms in Maryland in 1910, mules by 8,869 farms, cattle by 39,653, sheep by 6,228, and swine by 35,194. In comparing these figures with the 1920 figures given in the table below, due allowance should be made for the fact that the total number of farms in Maryland decreased from 48,923 in 1910 to 47,908 in 1920.

TABLE 23.—DOMESTIC ANIMALS ON FARMS: 1920.

CLASS.	FARMS REPORTING.		ANIMALS.		
	Num-ber.	Per cent of all farms.	Num-ber.	Value.	Aver-ago value.
Total.....	45,674	95.3		\$43,784,464	.....
Horses, total.....	41,973	87.6	141,341	13,835,411	\$97.89
Colts under 1 year of age.....	3,731	7.8	5,094	242,901	47.70
Colts 1 year old and under 2 years.....	4,872	10.2	6,898	443,305	64.27
Mares 2 years old and over.....	28,652	59.8	62,694	6,677,551	104.92
Geldings 2 years old and over.....	31,380	65.6	65,706	6,347,304	96.60
Stallions 2 years old and over.....	705	1.5	949	224,200	236.25
Mules, total.....	12,589	26.3	32,621	4,138,764	126.87
Mule colts under 1 year of age.....	555	1.2	912	62,901	69.04
Mule colts 1 year old and under 2 years.....	883	1.8	1,676	172,135	102.71
Mules 2 years old and over.....	11,726	24.5	30,033	3,003,603	126.98
Asses and burros.....	53	0.1	64	7,798	121.84
Cattle, total.....	38,619	80.6	283,377	20,363,801	71.86
Beef cattle, total.....	8,081	18.7	53,066	3,808,079	70.91
Calves under 1 year of age.....	2,203	4.8	6,177	169,322	27.41
Heifers 1 year old and under 2 years.....	1,347	2.8	3,308	154,815	46.80
Cows and heifers 2 years old and over.....	3,035	6.3	10,396	701,067	67.44
Steers 1 year old and under 2 years.....	1,920	4.0	8,414	535,152	63.60
Steers 2 years old and over.....	3,651	7.6	23,272	2,063,574	88.67
Bulls 1 year old and over.....	1,677	3.5	2,090	184,140	87.73
Dairy cattle, total.....	36,071	75.3	229,711	16,555,722	72.07
Calves under 1 year of age.....	13,304	28.0	31,345	928,030	29.63
Heifers 1 year old and under 2 years.....	12,237	25.5	26,565	1,326,370	49.93
Cows and heifers 2 years old and over.....	35,113	73.3	181,972	13,499,901	83.35
Bulls 1 year old and over.....	8,342	17.4	9,829	800,812	81.47
Sheep, total.....	4,739	9.9	103,027	1,262,798	12.26
Lambs under 1 year of age.....	1,922	4.0	13,031	123,730	9.50
Ewes 1 year old and over.....	4,570	9.6	85,480	1,076,642	12.58
Rams 1 year old and over.....	3,807	6.9	3,805	58,240	14.44
Wethers 1 year old and over.....	77	0.2	621	7,186	11.57
Goats, total.....	171	0.4	873	5,918	6.78
Kids under 1 year of age, raised for fleeces.....	7	(1)	43	212	4.03
Goats 1 year old and over, raised for fleeces.....	19	(1)	100	1,226	6.45
All other goats.....	147	0.3	640	4,480	7.00
Swine, total.....	35,926	75.0	308,452	4,169,974	13.61
Pigs under 6 months old.....	20,193	54.7	181,938	1,341,396	7.37
Sows and gilts for breeding, 6 months old and over.....	19,693	41.1	41,320	1,217,425	29.46
Boars for breeding, 6 months old and over.....	5,892	11.3	6,042	183,040	30.29
All other hogs, 6 months old and over.....	14,062	29.4	77,152	1,428,113	18.51

¹ Less than one-tenth of 1 per cent.

TABLE 24.—POULTRY AND BEES ON FARMS: 1920 AND 1910.

ITEM.	FARMS REPORTING, 1920.		NUMBER REPORTED. ¹		Value, 1920	Average value, 1920
	Num-ber.	Per cent of all farms.	1920 (Jan. 1)	1910 (Apr. 15)		
Poultry, total.....	45,621	95.2	3,688,566	2,908,958	\$4,216,105	\$1.14
Chickens.....	45,564	95.1	3,436,376	2,650,750	3,724,798	1.08
Turkeys.....	11,257	23.5	55,323	60,260	262,901	4.75
Ducks.....	8,667	18.1	53,556	50,232	72,885	1.36
Geese.....	4,129	8.6	20,014	23,606	73,132	3.65
Guinea fowls.....	12,335	25.7	85,130	51,653	65,276	0.77
Pigeons.....	1,543	3.2	38,167	72,435	17,113	0.45
Hives of bees.....	2,720	5.7	16,117	23,156	70,681	4.39

¹ The numbers of the different classes of poultry are not strictly comparable for the two censuses, since a considerable number of fowls are killed between Jan. 1 and Apr. 15.

² Includes a small number of peafowls.

TABLE 25.—SELECTED CLASSES OF DOMESTIC ANIMALS ON FARMS: 1920 AND 1910.

CLASS.	NUMBER.		INCREASE. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	Number.	Per cent.
Horses:				
Total, excluding spring colts reported for 1910.....	141,341	149,506	-8,255	-5.5
Colts under 1 year old on Jan. 1 of census year.....	5,094	12,318	-7,224	-58.6
Horses 1 year old and over on Jan. 1 of census year.....	136,247	137,278	-1,031	-0.8
Mules:				
Total, excluding spring colts reported for 1910.....	32,621	22,367	10,254	45.8
Mule colts under 1 year old on Jan. 1 of census year.....	912	860	43	4.9
Mules 1 year old and over on Jan. 1 of census year.....	31,709	21,498	10,211	47.5
Cattle:				
Total, excluding spring calves reported for 1910.....	283,377	248,057	34,690	13.0
Calves under 1 year old on Jan. 1 of census year.....	37,522	37,734	-212	-0.6
Cows and heifers 1 year old and over on Jan. 1 of census year.....	202,241	185,675	16,566	8.9
Steers and bulls 1 year old and over on Jan. 1 of census year.....	43,614	25,278	18,336	72.5
Sheep:				
Total, excluding spring lambs reported for 1910.....	103,027	126,251	-23,224	-18.4

¹ A minus sign (—) denotes decrease.

TABLE 26.—DOMESTIC ANIMALS NOT ON FARMS: 1920 AND 1910.

CLASS.	INCLOSURES REPORTING.		ANIMALS.			
	1920 (Jan. 1)	1910 (Apr. 15)	Number.		Increase. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	1920 (Jan. 1)	1910 (Apr. 15)	Num-ber.	Per cent.
Total.....	21,230	26,838				
Horses.....	12,734	18,548	23,680	40,121	-16,436	-41.0
Horses 1 year old and over on Jan. 1 of census year.....			23,438	39,620	-16,182	-40.8
Mules.....	1,068	967	3,572	3,569	3	0.1
Mules 1 year old and over on Jan. 1 of census year.....			3,492	3,519	-27	-0.8
Asses and burros.....	73	31	92	85	37	.....
Cattle.....	6,995	8,224	11,754	14,710	-2,956	-20.1
Cattle 1 year old and over on Jan. 1 of census year.....			10,822	12,008	-1,186	-9.9
Sheep.....	90	52	861	671	190	28.3
Goats.....	177	250	376	384	-8	-2.1
Swine.....	9,607	9,201	33,504	24,424	9,170	37.5

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

TABLE 27.—TOTAL NUMBER OF DOMESTIC ANIMALS: 1920.

CLASS.	Total.	On farms.	Not on farms.
Horses.....	165,027	141,341	23,686
Horses 2 years old and over.....	152,446	129,349	23,097
Mules.....	36,193	32,621	3,572
Mules 2 years old and over.....	33,378	30,033	3,345
Asses and burros.....	156	64	92
Cattle.....	295,131	283,377	11,754
Beef cattle.....	55,053	53,666	1,387
Dairy cattle.....	240,078	229,711	10,367
Dairy cows.....	170,621	161,972	8,649
Sheep.....	103,888	103,027	861
Goats.....	1,249	873	376
Swine.....	340,646	306,452	33,594

LIVE-STOCK PRODUCTS.

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

Dairy products.—It is difficult to secure reports of the total quantity of milk produced during a given year, especially from farmers who keep cows chiefly to supply milk and butter for family use. Since such farmers usually keep no records, they are able to make only rough estimates of the milk production and frequently underestimate the quantity of milk produced for home use. Many farmers, too, either because they are unwilling to make any estimates or for other reasons, fail to report their milk production, even though they report butter or other dairy products as well as dairy cows.

For several decades past the Bureau of the Census has made estimates for such incomplete reports, where the farmer reported "cows kept for milk" but failed to report the amount of milk produced, these estimates being based on the average production per cow as shown by the complete reports. Since farmers with first-class dairy herds and up-to-date methods are

more likely to make complete reports than those with cows of a lower grade, the estimates obtained in this way have probably been somewhat above the actual production. With the new basis of classification for dairy cows in use for 1920, however, as already noted, the estimates should be more satisfactory than heretofore, since milk will be estimated only for cows kept mainly for milk production.

In the table which follows, both the actual reported quantity of milk produced and the estimated total are given. The latter includes, in addition to the milk reported, an estimate of the amount of milk produced on farms which reported dairy cows but failed to report any milk. A certain quantity of milk, on the other hand, was reported from farms which reported no dairy cows. This is included in the total and may represent either milk produced by beef cows milked a part of the year on farms having no dairy cows or milk produced on farms which kept dairy cows some time during the year 1919 but had none on January 1, 1920.

TABLE 28.—DAIRY COWS ON FARMS, 1920; AND DAIRY PRODUCTS. 1919 AND 1909.

ITEM.	FARMS REPORTING.		Number or quantity.	Unit.	Value.
	Num-ber.	Per cent of all farms.			
Dairy cows on farms Jan. 1, 1920, total.....	35,113	73.3	161,972	Head.....	
On farms reporting milk produced.....	20,792	62.2	143,040	Head.....	
On farms not reporting milk produced.....	5,321	11.1	18,932	Head.....	
Average production of milk per dairy cow, 1919 ¹			353	Gals.....	
Specified dairy products:					
Milk, as reported..... 1919.....			52,071,197	Gals.....	
Total production of milk, including estimates..... 1919.....			53,754,193	Gals.....	
..... 1909.....			59,735,622	Gals.....	
Increase, 1909-1919 ²			-981,329	Gals.....	
Per cent of increase ³			-1.6		
Butter made..... 1919.....	24,276	50.7	6,162,501	Lbs.....	\$3,200,266
..... 1909.....	28,871	59.0	8,739,620	Lbs.....	\$2,010,106
Cheese made..... 1919.....	194	0.4	126,190	Lbs.....	\$50,475
..... 1909.....	202	0.4	259,386	Lbs.....	\$26,277
Milk sold..... 1919.....	9,125	19.0	29,842,010	Gals.....	\$9,528,566
..... 1909.....	5,632	11.5	19,424,325	Gals.....	\$3,064,878
Cream sold..... 1919.....	693	1.4	311,436	Gals.....	\$378,056
..... 1909.....	630	1.3	455,496	Gals.....	\$295,963
Butter fat sold..... 1919.....	530	1.2	448,266	Lbs.....	\$249,323
..... 1909.....	321	0.7	343,148	Lbs.....	\$83,676
Butter sold..... 1919.....	16,622	34.7	3,925,042	Lbs.....	\$2,009,543
..... 1909.....	19,572	40.0	5,682,228	Lbs.....	\$1,313,822
Value of milk, cream, and butter fat sold, and of butter and cheese made ⁴ 1919.....					\$13,407,526
..... 1909.....					\$5,480,900
Increase, 1909-1919.....					\$7,926,626
Per cent of increase.....					144.6
Receipts from sale of dairy products ⁵ 1919.....					\$12,166,328
..... 1909.....					\$4,784,232
Increase, 1909-1919.....					\$7,382,096
Per cent of increase.....					154.3

¹ Based on the 1919 milk production as reported for dairy cows, and the number of dairy cows on hand Jan. 1, 1920.

² A minus sign (-) denotes decrease.

³ This item represents the total farm value of dairy products, excluding milk and cream consumed as such on the farm where produced.

⁴ Figures for 1919 do not include "cheese sold," as that item was not reported for 1919. The value of cheese sold in 1909 was \$25,893.

TABLE 29.—SHEEP ON FARMS, 1920 AND 1910; GOATS ON FARMS, 1920; AND WOOL AND MOHAIR PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Number of sheep (or goats) on hand.	WOOL (OR MOHAIR) PRODUCED.		
			Number of animals shorn.	Weight (pounds).	Value.
Sheep on farms Jan. 1, 1920, total.	4,789	103,027			
On farms reporting wool.	3,936	90,930			
On farms not reporting wool.	803	12,097			
Sheep of shearing age ¹ on farms Apr. 15, 1910.	6,157	120,251			
Wool produced, as reported, total.	4,025		81,313	495,561	\$286,427
On farms reporting sheep.	3,936		79,788	480,411	\$281,038
On farms not reporting sheep.	89		1,525	9,150	\$5,329
Total production of wool, including estimates.				551,194	\$319,693
1919.				705,320	\$199,009
Increase, 1909-1919 ² .				154,126	\$119,784
Per cent of increase ² .				-21.0	59.9
Goats raised for fleeces, on farms Jan. 1, 1920.	19	233			
Mohair produced, as reported, total.	13		195	819	\$487
1919.	27			1,570	\$474

¹ Sheep born before Jan. 1, 1910. ² A minus sign (—) denotes decrease.

TABLE 30.—CHICKENS (OR FOWLS) ON FARMS, 1920 AND 1910; AND POULTRY PRODUCTS, 1919 AND 1909.

[The products shown for 1910 include chicken eggs and chickens only, while the 1909 figures include the products of all kinds of poultry.]

ITEM.	FARMS REPORTING.		Number or quantity.	Value.
	Num-ber.	Per cent of all farms.		
Chickens on farms Jan. 1, 1920, total.	45,504	95.1	Number.	
On farms reporting eggs produced.	42,090	87.0	3,436,376	
On farms reporting chickens raised.	37,087	77.4	3,260,983	
Fowls on farms Apr. 15, 1910.	46,054	94.1	2,994,769	
			2,908,958	
Eggs produced, as reported.	42,209	88.1	Dozens.	
Total production of eggs, including estimates.			14,328,483	\$6,351,832
1919.			15,085,691	6,637,704
1909.			15,533,732	3,235,759
Eggs sold, as reported.	37,478	78.2	10,056,009	4,702,632
1919.	37,547	78.7	10,526,537	2,191,615
1909.				
Chickens raised, as reported.	37,194	77.6	Number.	
Total chickens raised, including estimates.			4,597,291	4,446,204
1919.			5,257,655	5,009,925
1909.			5,949,459	3,011,382
Chickens sold, as reported.	27,099	56.6	1,618,774	1,541,531
1919.	32,340	66.1	2,273,501	1,313,301
1909.				

TABLE 31.—BEES ON FARMS, 1920 AND 1910; AND HONEY AND WAX PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Hives of bees.	PRODUCT.	
			Quantity (pounds).	Value.
Bees on farms Jan. 1, 1920, total.	2,720	16,117		
On farms reporting honey.	1,064	12,133		
On farms not reporting honey.	1,056	3,984		
Bees on farms Apr. 15, 1910.	4,186	23,156		
Honey produced.	1,678		215,685	\$58,076
1919.	2,648		306,367	38,164
1909.			1,947	761
Wax produced.			4,358	1,080

CROPS.

Summary: 1919 and 1909.—This section summarizes the census data relative to all of the farm crops of 1919 and 1909, except that it does not include nursery or greenhouse products or forest products of farms.

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

The combined acreage of crops harvested in Maryland in 1919 for which the acreage was reported was 1,987,965, which represents 63.4 per cent of the total improved land in farms (3,136,728 acres). The total crop acreage reported for 1909 was 1,927,254, or 57.4 per cent of the improved land in farms (3,354,767 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage of which was not reported.

In addition to the crops regularly harvested in 1919, as shown in the tables, there were reported 3,047 acres of mature crops grazed or "hogged off."

Farm value of crops.—At the census of 1920 the farm schedule called for the value of all farm property, including live stock, and the value of live-stock products sold.

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

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

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TABLE 32.—SUMMARY FOR ALL CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.				ACRES HARVESTED.			PRODUCTION.							
	Number.		Per cent of all farms.		1919	1909	Per cent of increase. ¹	Quantity.				Value.			
	1919	1909	1919	1909				Unit.	1919	1909	Per cent of increase. ¹	1919	1909	Per cent of increase. ¹	
All crops.															
With acreage reports.					1,987,065	1,927,254	3.2						\$109,858,608	\$40,330,688	172.4
With no acreage reports.													8,491,239	1,693,941	401.3
Cereals, total ² .					1,368,354	1,329,201	2.8								
Corn.	42,389	42,084	88.5	88.0	619,265	647,012	-4.3	Bu.	32,298,838	29,183,197	10.7	55,845,785	21,908,730	154.9	
Oats.	8,480	8,831	17.7	18.1	48,801	49,210	-0.6	Bu.	21,083,076	17,911,430	17.7	32,678,769	11,015,298	199.7	
Wheat.	20,277	23,358	54.8	47.7	664,295	589,893	12.6	Bu.	1,082,994	1,160,663	-8.7	1,028,845	584,395	76.1	
Barley.	1,099	1,215	2.3	2.5	3,888	4,494	-13.5	Bu.	9,620,526	9,463,467	1.7	21,357,568	9,876,480	116.2	
Rye.	4,178	5,181	8.7	10.6	21,196	28,093	-24.6	Bu.	111,221	135,454	-17.9	144,589	79,281	82.5	
Buckwheat.	4,178	5,181	8.7	10.6	21,196	28,093	-24.6	Bu.	230,596	357,562	-35.5	380,486	252,691	50.6	
Mixed crops ³ .	2,168	2,411	4.5	4.9	8,736	10,388	-15.9	Bu.	168,639	152,216	10.8	252,963	99,216	155.0	
			(*)		70			Bu.	1,515			2,121			
Other grains and seeds with acreage reports, total ⁴ .					4,194	940	346.2								
Dry edible beans.	670	312	1.4	0.6	1,632	196	732.7	Bu.	35,917	7,470	389.8	189,361	14,527		
Soy beans.	272		0.6		1,124			Bu.	11,769	1,833	542.1	75,912	3,342		
Dry peas.	387	350	0.8	0.7	1,418	742	91.1	Bu.	11,572			61,332			
Peanuts.	30	12	0.1	(*)	19	1		Bu.	12,061	5,603	115.3	60,652	11,143	364.6	
								Bu.	501	30		1,405	37		
Seeds with no acreage reports, total ⁵ .															
Red clover seed.	809		1.7					Bu.	11,955	15,080	-20.7	278,050	81,577	240.8	
Other clover and alfalfa seed.	138		0.3					Bu.	7,016	8,900	-3.1	224,512	65,427	295.1	
Timothy seed.	89	71	0.2	0.1				Bu.	1,620			34,020			
Other grass seed.	16	9	(*)	(*)				Bu.	728	3,687	-80.3	4,269	4,041	-8.2	
Millet seed.	5	2	(*)	(*)				Bu.	2,345	2,424	-3.3	11,725	2,659	341.0	
								Bu.	240	60		984	58		
Hay and forage, total ⁶ .	34,789	29,642	72.6	60.6	622,339	398,892									
All tame or cultivated grasses.					359,456	374,492	-4.0	Tons.	866,910	477,711		18,245,825	6,012,885		
Timothy alone.	7,945	11,737	16.6	24.0	83,458	135,941	-38.6	Tons.	413,050	423,165	-2.2	11,530,644	5,708,104	102.0	
Timothy and clover mixed.	16,287	15,099	34.0	30.9	204,997	200,823	2.1	Tons.	91,981	159,690	-42.4	2,759,430	2,308,448	19.5	
Clover alone.	5,152	4,113	10.8	8.4	41,250	26,545	55.4	Tons.	226,395	215,052	5.3	6,111,822	2,835,980	115.5	
Alfalfa.	2,062	789	4.3	1.6	11,909	3,188	273.6	Tons.	52,166	32,842	58.4	1,408,482	357,922	293.5	
Other tame grasses ⁷ .	2,812		5.9		17,842	7,993	123.2	Tons.	25,142	6,806	269.4	854,828	104,633	717.0	
Wild, salt, or prairie grasses.	626	604	1.3	1.0	4,273	4,169	2.5	Tons.	18,001	8,675	107.5	396,022	101,121	291.6	
Small grains cut for hay.	1,764		3.7		6,357			Tons.	4,330	5,081	-14.8	71,452	37,323	91.4	
Annual legumes cut for hay.	3,042	2,188	6.3	4.5	15,114	8,846	142.7	Tons.	7,746	12,218	120.2	178,158	114,882	488.8	
Silage crops.	1,829		3.8		15,646				19,102			498,212			
Corn cut for forage ⁸ .	14,132		29.5		219,684	11,372		Tons.	125,417			1,093,336			
Kafir, sorghum, etc., for forage.	79		0.2		2,086				233,779	37,098		2,922,243	151,889		
Root crops for forage.	121		0.3		323	13		Tons.	1,950			24,380			
								Tons.	870	149	483.9	17,400	1,167		
Vegetables, total.															
Potatoes (Irish or white).	32,520	34,870	67.9	71.3	46,837	39,299	19.2	Bu.	4,918,766	3,444,311	42.8	25,419,187	7,996,105	217.9	
Sweet potatoes and yams.	11,484	11,175	24.0	22.8	10,185	7,956	28.0	Bu.	1,453,880	1,065,956	36.4	9,591,592	1,782,954	488.0	
Other vegetables ⁹ .	19,183	42,351	40.0	86.6	119,922	108,084						2,762,373	493,751	471.0	
Farm garden ¹⁰ .	42,855		88.4									9,154,530	5,729,400		
												3,910,672			
Miscellaneous crops, total.															
Tobacco.	5,504	4,392	11.5	9.0	28,550	26,072	9.5	Lbs.	17,390,859	17,845,690	-2.9	5,838,051	1,511,358	286.3	
Sorghum grown for sirup.	143	64	0.3	0.1	74	50		Tons.	238	209	13.9	6,721,164	1,457,112	292.6	
Maple sugar and sirup.	208	218	0.4	0.4								2,841	840	238.2	
Broom corn.	712	291	1.5	0.6	234	19		Lbs.	80,557	18,699	333.1	108,467	34,886	215.3	
Sundry minor crops ¹¹ .						168						5,639	2,006	181.1	
												17,014			
Fruits and nuts, total.															
Small fruits.	6,626		13.8		8,360	16,595	-49.6	Qts.	10,278,972	26,277,054	-60.9	6,042,369	2,895,520	115.4	
Other fruits and nuts.												1,848,259	1,227,548	50.6	
												4,194,110	1,577,978	165.8	

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

² Excluding 219,684 acres reported for corn cut for forage, which is practically all duplicated in the acreage shown for corn harvested as grain.

³ Includes small quantities of emmer and spelt, and kafir and milo.

⁴ Principally oats and barley grown and harvested together.

⁵ Less than one-tenth of 1 per cent.

⁶ Includes a small quantity of flaxseed. A considerable part of the acreage in soy beans, peas, and possibly some other crops, is probably a duplication of other crop acreage.

⁷ The total values include the value of small quantities of flower and vegetable seeds. The entire acreage from which the grass and clover seeds were secured is believed to be included in the acreage given elsewhere for hay and forage.

⁸ Corn cut for forage was not reported to any extent in 1909; hence no fair comparison between 1919 and 1909 can be made, either for the hay and forage totals or for the bracketed group in which corn cut for forage appears.

⁹ Includes millet and Hungarian grass.

¹⁰ The 1919 figures represent vegetables raised for sale only.

¹¹ In 1909 the value of the farm garden was largely included in the value of "other vegetables."

¹² These crops comprise cotton, hemp, hops, and willows.

TABLE 33.—ACREAGE OF IMPORTANT CROPS HARVESTED: 1879 TO 1919.

CROP.	1919	1909	1899	1889	1879
Corn.	619,265	647,012	659,010	589,817	664,928
Oats.	48,801	49,210	44,625	99,195	101,127
Wheat.	664,295	589,893	634,446	510,727	569,296
Hay and forage.	622,339	398,892	374,848	372,626	259,511
Potatoes.	46,837	39,299	26,472	24,987	
Tobacco.	28,550	26,072	42,911	20,274	38,173

¹ Includes 219,684 acres in corn cut for forage. This crop was not included to any extent in the hay and forage totals prior to 1919. If its acreage be deducted, to make the 1919 figures more closely comparable with those of earlier years, the remaining area in hay and forage will be 403,255 acres.

TABLE 34.—PERCENTAGES AND AVERAGES FOR IMPORTANT CROPS: 1919 AND 1909.

CROP.	PER CENT OF IMPROVED LAND OCCUPIED.		AVERAGE YIELD PER ACRE.			AVERAGE VALUE PER ACRE.	
	1919	1909	Unit.	1919	1909	1919	1909
Corn.....	19.7	19.3	Bu...	34.0	27.7	\$52.77	\$17.02
Oats.....	1.6	1.5	Bu...	22.2	23.6	21.04	11.88
Wheat.....	21.2	17.6	Bu...	14.5	16.0	32.15	16.74
Hay and forage.....	19.9	11.9	Tons.	1.30	1.20	26.08	15.07
Potatoes.....	1.5	1.2	Bu...	105.0	87.6	204.79	45.87
Tobacco.....	0.9	0.8	Lbs..	607.2	684.5	200.39	55.89

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TABLE 35.—VEGETABLES RAISED FOR SALE: 1919.

[Vegetables other than potatoes and sweet potatoes.]

CROP.	FARMS REPORTING.		Acres harvested.	Value of product.
	Number.	Per cent of all farms.		
Total.....	19,163	40.0	119,922	\$9,154,530
Asparagus.....	125	0.3	393	73,966
Beans (green).....	2,721	5.7	5,187	513,419
Beets.....	148	0.3	85	19,333
Cabbages.....	2,349	4.9	2,442	524,683
Cantaloupes and muskmelons.....	2,642	5.3	4,665	508,731
Cauliflower.....	9	(¹)	20	4,201
Celery.....	210	0.4	64	23,730
Corn (sweet).....	5,924	12.4	34,778	1,766,229
Cucumbers.....	1,477	3.1	1,235	196,715
Kale.....	68	0.1	139	12,842
Lettuce.....	500	1.0	307	87,711
Onions.....	1,070	2.2	326	66,492
Peas (green).....	2,051	4.3	6,281	431,596
Spinach.....	243	0.5	2,061	238,937
Tomatoes.....	13,615	28.4	58,083	4,236,591
Turnips.....	147	0.3	188	16,256
Watermelons.....	1,098	2.3	3,005	221,743
All other vegetables.....			267	55,538
Mixed vegetables.....	236	0.5	395	47,817

¹ Less than one-tenth of 1 per cent.

TABLE 36.—SUGAR CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres (or trees).	PRODUCTION.		
	Number.	Per cent of all farms.		Quantity.	Unit.	Value.
Maple sugar and sirup, total.....	203	0.4	Trees tapped. 74,549			\$108,407
1919.....	218	0.4	79,658			34,388
Sugar made.....				150,967	Lbs.	32,855
1919.....	164	0.3		351,908	Lbs.	24,985
Sirup made.....				23,155	Gals.	55,572
1919.....	202	0.4		12,172	Gals.	9,401
Sorghum grown for sirup.....	143	0.3	Acres. 174	1,238	Tons.	
1919.....	64	0.1	30	209	Tons.	
Sirup made.....				1,705	Gals.	2,541
1919.....				1,782	Gals.	840

¹ Figures include estimates for incomplete reports.

TABLE 39.—ORCHARD AND SUBTROPICAL FRUITS, GRAPES, AND NUTS: 1919 AND 1909.

CROP.	FARMS REPORTING TREES OR VINES OF BEARING AGE.				NUMBER OF TREES OR VINES OF BEARING AGE.		PRODUCTION.				
	Number.		Per cent of all farms.				Quantity.			Value.	
	1920	1910	1920	1910	1920	1910	Unit.	1919	1909	1919	1909
Orchard fruits, total ¹	33,875		70.7		3,068,830	3,501,774	Bu....	2,414,644	2,577,359	\$4,084,252	\$1,517,400
Apples.....	33,636	34,798	70.2	71.1	1,651,636	1,288,482	Bu....	1,518,884	1,322,824	2,430,217	902,077
Peaches.....	13,960	14,404	29.1	29.6	997,086	1,407,724	Bu....	504,111	324,609	1,071,816	361,617
Pears.....	18,915	23,199	39.5	47.4	305,510	540,583	Bu....	287,199	367,359	459,518	168,561
Plums and prunes.....	9,228	10,436	19.3	21.3	41,435	69,996	Bu....	18,540	13,526	40,786	16,192
Cherries.....	12,860	14,002	26.8	28.6	71,139	82,305	Bu....	25,111	42,815	80,354	60,121
Subtropical fruits, total ²					476	1,433				345	1,393
Figs.....	60	245	0.1	0.5	476	1,432	Lbs...	2,877	38,772	345	1,388
Grapes.....	16,403	11,718	34.2	24.0	164,501	138,801	Lbs...	1,540,958	2,152,322	107,865	53,498
Nuts, total ³					768	11,780	Lbs...	6,301	318,148	1,648	5,687
Almonds.....	5	13	(⁴)	(⁴)	11	43	Lbs...	66	180	17	2
Pecans.....	265	39	0.6	0.1	211	172	Lbs...	1,502	1,717	444	85
Walnuts (Persian or English) ...	200	754	0.5	1.5	546	2,068	Lbs...	4,733	6,916	1,187	745

¹ Includes apricots, quinces, and (for 1910) mulberries. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

² The figures for 1910 and 1909 include Japanese persimmons.

³ The figures for 1910 and 1909 include black walnuts and several other varieties of nuts not called for by the 1920 schedule.

⁴ Less than one-tenth of 1 per cent.

TABLE 37.—SMALL FRUITS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres harvested.	PRODUCTION.	
	Number.	Per cent of all farms.		Quantity (quarts).	Value.
Total.....	6,628	13.8	8,360	10,278,972	\$1,848,259
Strawberries.....	5,260	11.0	16,595	26,277,054	1,227,548
1919.....			7,096	8,976,057	1,616,691
1909.....	7,468	15.3	14,292	23,611,095	1,070,072
Raspberries.....	1,328	2.8	580	723,446	137,455
Loganberries.....	4	(¹)	(²)	262	47
Raspberries and loganberries.....	1,333	2.7	346	959,369	67,516
Blackberries and dewberries.....	797	1.7	608	517,525	82,805
1919.....	979	2.0	1,180	1,372,164	68,817
1909.....	251	0.5	48	43,320	9,532
Currents.....	366	0.7	36	34,009	3,138
1919.....			22	18,332	2,729
1909.....			241	800,417	18,005

¹ Less than one-tenth of 1 per cent.

² Less than 1 acre.

TABLE 38.—FRUIT AND NUT TREES AND GRAPEVINES NOT OF BEARING AGE: 1920 AND 1910.

CROP.	FARMS REPORTING.				TREES OR VINES NOT OF BEARING AGE.	
	Number.		Per cent of all farms.		1920	1910
	1920	1910	1920	1910		
Orchard fruits, total ¹	15,517	17,157	32.4	35.1	1,130,005	1,671,435
Apples.....	12,594	17,157	26.3	35.1	790,264	600,685
Peaches.....	6,357	9,027	13.3	18.5	285,486	805,063
Pears.....	3,920	7,893	8.2	10.1	48,918	138,152
Plums and prunes.....	2,240	4,398	4.7	9.0	11,479	29,478
Cherries.....	3,240	4,613	6.8	9.4	17,397	27,774
Subtropical fruits, total.....	49	74	0.1	0.2	749	713
Figs.....	49	74	0.1	0.2	749	713
Grapes.....	2,452	2,328	5.1	4.8	31,860	44,690
Nuts, total ²					1,818	4,227
Almonds.....	7	13	(³)	(³)	40	65
Pecans.....	64	63	0.1	0.1	721	400
Walnuts (Persian or English).....	229	444	0.5	0.9	1,057	1,758

¹ Includes apricots, quinces, and (for 1910) mulberries. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

² The 1910 figures include black walnuts and several other varieties of nuts not called for by the 1920 schedule.

³ Less than one-tenth of 1 per cent.

		THE STATE.			Allegheny.	Anne Arundel. ¹	Balti- more. ¹	Baltimore city. ¹	Calvert.	Caroline.
		Total.	White.	Colored.						
ALL FARMS.										
1	Number of farms, 1920.....	47,908	41,699	6,209	999	1,965	3,587	331	1,130	2,071
2	1910.....	48,923	42,551	6,372	1,023	2,038	4,178	23	1,080	2,120
3	1900.....	46,012	40,169	5,843	894	1,889	4,496	159	1,077	1,863
4	All farmers classified by sex, 1920:									
5	Male.....number..	46,080	40,114	5,966	907	1,887	3,450	308	1,085	2,036
6	Female.....number..	1,828	1,585	243	32	78	128	23	45	35
7	Color and nativity of all farmers, 1920:									
8	Native white.....number..	40,130	40,130	.....	964	1,265	3,174	273	706	1,011
9	Foreign-born white.....number..	1,569	1,569	.....	32	224	310	55	1	116
10	Negro and other nonwhite.....number..	6,209	.....	6,209	3	476	103	3	423	344
11	All farms classified by size, 1920:									
12	Under 3 acres.....number..	185	168	17	4	2	14	8	4	.....
13	3 to 9 acres.....number..	4,397	3,100	1,297	53	244	367	83	92	122
14	10 to 19 acres.....number..	4,891	3,622	1,269	51	218	513	86	101	202
15	20 to 49 acres.....number..	9,003	7,520	1,483	129	401	912	85	180	456
16	50 to 99 acres.....number..	10,452	9,519	933	214	377	770	41	226	595
17	100 to 174 acres.....number..	11,178	10,413	765	253	445	946	11	312	492
18	175 to 259 acres.....number..	4,821	4,545	276	155	170	218	13	143	142
19	260 to 499 acres.....number..	2,523	2,382	141	107	85	120	4	59	56
20	500 to 999 acres.....number..	392	367	25	24	10	24	.....	8	6
21	1,000 acres and over.....number..	66	63	3	9	4	4	.....	5	.....
LAND AND FARM AREA.										
22	Approximate land area, 1920.....acres..	6,362,240	.....	.....	283,520	272,640	388,480	50,560	139,520	204,160
23	Land in farms, 1920.....acres..	4,767,999	4,406,422	351,577	152,974	179,133	280,618	12,623	123,676	174,225
24	1910.....acres..	5,057,140	4,698,623	358,517	163,287	208,245	326,452	1,408	124,695	186,578
25	1900.....acres..	6,170,075	4,795,774	374,301	100,348	206,967	340,206	3,131	130,625	183,501
26	Improved land in farms, 1920.....acres..	3,136,728	2,919,042	217,686	64,074	115,560	196,212	8,454	67,619	120,613
27	1910.....acres..	3,364,767	3,136,185	218,582	70,513	139,127	230,471	1,041	74,128	128,208
28	1900.....acres..	3,610,352	3,277,684	238,668	75,905	148,325	244,806	2,438	88,605	125,908
29	Woodland in farms, 1920.....acres..	1,327,221	1,208,936	118,285	77,998	51,934	66,334	2,865	61,311	47,711
30	Other unimproved land in farms, 1920.....acres..	294,050	278,444	15,606	10,902	11,630	18,072	1,304	4,746	5,901
31	Per cent of land area in farms, 1920.....	74.8	69.3	5.5	54.0	65.7	72.2	25.0	88.6	85.3
32	Per cent of farm land improved, 1920.....	65.9	66.2	61.9	41.9	64.5	69.9	67.0	54.7	69.2
33	Average acreage per farm, 1920.....	99.3	105.7	56.6	153.1	91.2	78.2	38.1	109.4	84.1
34	Average improved acreage per farm, 1920.....	65.5	70.0	35.1	64.1	58.8	64.7	25.5	59.8	58.2
VALUE OF FARM PROPERTY.										
35	All farm property, 1920.....dollars..	463,638,120	438,439,834	25,198,286	7,305,000	17,066,857	48,743,030	7,420,495	5,358,606	14,833,166
36	1910.....dollars..	286,167,028	273,915,229	12,251,799	4,040,197	10,689,931	41,209,267	1,103,718	2,620,417	9,136,895
37	1900.....dollars..	204,645,407	196,435,535	8,209,872	3,090,644	6,419,859	35,981,055	2,046,586	2,612,422	4,748,614
38	Land in farms, 1920.....dollars..	259,904,647	244,730,392	15,173,655	4,500,128	8,744,228	25,450,044	4,018,515	2,804,680	8,014,356
39	1910.....dollars..	163,451,614	156,352,922	7,098,692	2,299,065	11,242,388	23,889,153	894,000	1,322,626	5,479,789
40	1900.....dollars..	120,367,550	115,518,630	4,848,920	1,945,000	3,659,970	23,190,670	1,527,110	1,540,070	2,874,970
41	Farm buildings, 1920.....dollars..	126,602,803	120,211,537	6,481,266	1,788,305	5,601,744	17,109,909	1,995,860	1,559,900	3,328,209
42	1910.....dollars..	78,285,509	75,114,417	3,171,092	1,050,208	3,048,430	12,617,066	175,500	818,257	2,051,605
43	1900.....dollars..	54,810,760	52,773,320	2,037,440	669,940	1,885,740	9,295,710	417,010	650,100	1,051,050
44	Implements and machinery, 1920.....dollars..	28,970,020	27,801,147	1,168,873	413,438	1,332,425	2,643,029	215,646	325,695	976,460
45	1910.....dollars..	11,869,771	11,422,701	437,070	189,485	449,745	1,690,609	12,850	79,821	412,726
46	1900.....dollars..	8,611,220	8,279,570	331,650	136,730	275,470	1,235,350	33,080	109,840	243,080
47	Livestock on farms, 1920.....dollars..	48,071,250	45,696,758	2,374,492	693,129	1,888,460	3,549,948	290,474	578,331	1,614,141
48	1910.....dollars..	32,570,184	31,025,189	1,544,945	501,439	1,040,350	3,087,439	20,768	405,713	1,192,775
49	1900.....dollars..	20,855,877	19,864,015	991,862	338,974	598,070	2,259,295	60,386	306,412	570,514
50	Average values, 1920:									
51	All property per farm.....dollars..	9,678	10,514	4,058	7,402	8,685	13,589	22,418	4,742	7,102
52	Land and buildings per farm.....dollars..	8,070	8,752	3,488	6,295	7,301	11,863	20,889	3,942	5,911
53	Land alone per acre.....dollars..	54.62	55.54	48.16	29.42	48.81	90.60	389.65	23.41	51.17
FARMS OPERATED BY OWNERS.										
54	Number of farms, 1920.....	32,805	29,256	3,549	786	1,354	2,713	213	772	1,365
55	1910.....	33,519	29,569	3,950	830	1,360	3,131	12	702	1,333
56	1900.....	29,513	26,251	3,262	678	1,130	3,151	88	605	1,089
57	Per cent of all farms, 1920.....	68.5	70.2	57.2	78.7	68.9	75.6	64.4	68.3	65.9
58	Land in farms, 1920.....acres..	2,750,870	2,631,595	119,275	108,797	101,473	183,656	6,059	70,264	98,623
59	Improved land in farms, 1920.....acres..	1,750,988	1,686,704	73,284	46,122	64,152	130,332	4,390	30,199	67,016
60	Value of land and buildings, 1920.....dollars..	220,743,136	212,779,739	7,963,397	3,008,687	8,256,390	23,553,761	3,730,135	2,732,265	6,878,390
61	Degree of ownership, 1920:									
62	Farmers owning entire farm.....number..	30,842	27,751	3,091	755	1,264	2,600	186	715	1,324
63	Farmers hiring additional land.....number..	1,968	1,505	453	31	90	144	27	57	41
64	Color and nativity of owners, 1920:									
65	Native white owners.....number..	27,914	27,914	.....	761	861	2,411	177	522	1,032
66	Foreign-born white owners.....number..	1,342	1,342	.....	23	192	249	36	1	111
67	Negro and other nonwhite owners.....number..	3,540	.....	3,540	2	301	53	.....	240	222
FARMS OPERATED BY MANAGERS.										
68	Number of farms, 1920.....	1,202	1,111	151	36	59	192	30	10	42
69	1910.....	988	901	87	17	68	188	1	2	22
70	1900.....	1,052	947	105	18	56	184	0	4	14
71	Land in farms, 1920.....acres..	259,426	237,344	22,082	18,647	12,714	32,284	2,613	936	6,031
72	Improved land in farms, 1920.....acres..	168,518	152,830	15,679	7,257	7,074	21,048	1,537	548	4,749
73	Value of land and buildings, 1920.....dollars..	34,526,139	32,189,489	2,336,650	1,207,181	1,909,882	10,270,127	1,351,040	70,000	554,540
FARMS OPERATED BY TENANTS.										
74	Number of farms, 1920.....	13,841	11,332	2,509	177	552	682	88	348	664
75	1910.....	14,416	12,681	2,335	170	601	850	10	376	771
76	1900.....	15,447	12,971	2,476	198	694	1,161	62	468	780
77	Per cent of all farms, 1920.....	28.9	27.2	40.4	17.7	28.1	19.0	26.6	30.8	52.1
78	Land in farms, 1920.....acres..	1,747,703	1,537,483	210,220	25,530	64,940	64,678	3,951	52,476	69,571
79	Improved land in farms, 1920.....acres..	1,208,222	1,079,499	128,723	10,695	43,743	43,932	2,527	27,872	48,848
80	Value of land and buildings, 1920.....dollars..	131,327,675	119,072,701	11,554,874	1,172,565	4,179,700	8,727,065	1,333,200	1,652,315	4,809,635
81	Form of tenancy, 1920:									
82	Share tenants.....number..	0,552	8,048	1,504	46	370	243	5	287	517
83	Croppers.....number..	1,450	.....	601	7	53	34	1	26	22
84	Share-cash tenants.....number..	38	32	6	1	5	4	.....	.....	.....
85	Cash tenants.....number..	2,288	1,991	297	122	124	383	81	15	73
86	Standing renters.....number..	18	11	7	1	.....	.....	.....	.....	.....
87	Unspecified.....number..	486	392	94	.....	.....	.....	.....	.....	.....
88	Color and nativity of tenants, 1920:									
89	Native white tenants.....number..	11,160	11,160	.....	168	364	603	77	178	549
90	Foreign-born white tenants.....number..	172	172	.....	9	25	43	10	.....	5
91	Negro and other nonwhite tenants.....number..	2,509	.....	2,509	.....	163	36	1	170	110

¹ Parts of Anne Arundel and Baltimore Counties annexed to Baltimore city in 1919.

AGRICULTURE—MARYLAND.

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WITH SELECTED ITEMS FOR 1910 AND 1900.

	Carroll.	Cecil.	Charles.	Dorchester.	Frederick.	Garrett.	Harford.	Howard.	Kent.
ALL FARMS.									
Number of farms, 1920.....	3,518	1,740	1,985	2,019	3,817	1,810	2,399	1,297	1,032
1910.....	3,484	1,717	1,623	2,214	3,804	2,076	2,512	1,385	1,093
1900.....	3,352	1,633	1,900	2,007	3,747	1,788	2,431	1,214	941
All farmers classified by sex, 1920:									
Male.....number..	3,378	1,663	1,844	1,970	3,652	1,703	2,281	1,210	1,028
Female.....number..	140	77	141	49	165	107	118	87	4
Color and nativity of all farmers, 1920:									
Native white.....number..	3,435	1,604	1,103	1,457	3,711	1,779	2,151	1,134	899
Foreign-born white.....number..	38	79	54	73	18	31	70	59	35
Negro and other nonwhite.....number..	45	57	828	489	88	.....	178	104	98
All farms classified by size, 1920:									
Under 3 acres.....number..	36	1	4	5	4	4	4	7	1
3 to 9 acres.....number..	328	160	169	189	398	36	170	121	116
10 to 19 acres.....number..	364	168	234	173	332	56	201	105	67
20 to 49 acres.....number..	734	282	321	348	669	212	470	200	89
50 to 99 acres.....number..	898	405	374	482	719	525	670	273	86
100 to 174 acres.....number..	890	376	426	478	1,126	574	606	364	203
175 to 259 acres.....number..	224	202	245	222	442	238	180	129	255
260 to 499 acres.....number..	41	121	165	104	116	128	85	84	202
500 to 999 acres.....number..	2	25	40	17	10	26	13	10	13
1,000 acres and over.....number..	1	.....	7	1	1	11	.....	3	.....
LAND AND FARM AREA.									
Approximate land area, 1920.....acres..	286,080	241,280	296,900	368,640	424,320	438,400	282,880	160,000	180,480
Land in farms, 1920.....acres..	273,777	187,561	235,470	201,808	304,525	244,754	219,080	142,400	166,800
1910.....acres..	276,308	195,611	232,337	234,985	374,653	265,220	247,146	149,052	172,823
1900.....acres..	276,953	200,629	263,255	243,407	374,381	243,510	248,925	146,039	169,288
Improved land in farms, 1920.....acres..	207,633	132,604	118,301	117,094	293,509	112,811	154,905	104,682	132,726
1910.....acres..	225,598	140,980	121,621	123,679	301,430	122,318	171,473	114,627	139,780
1900.....acres..	227,693	141,401	153,465	128,160	308,041	123,932	174,255	110,546	138,944
Woodland in farms, 1920.....acres..	39,815	37,094	105,455	64,528	55,417	109,401	54,414	30,050	21,008
Other unimproved land in farms, 1920.....acres..	26,320	16,573	11,700	20,188	15,599	22,542	9,770	7,668	11,406
Per cent of land area in farms, 1920.....	95.7	77.7	79.3	54.7	85.9	55.8	77.4	89.0	91.0
Per cent of farm land improved, 1920.....	75.8	70.7	60.2	58.0	80.5	46.1	70.7	78.5	80.1
Average acreage per farm, 1920.....	77.8	107.8	118.6	100.0	95.5	135.2	91.3	109.8	160.7
Average improved acreage per farm, 1920.....	59.0	76.3	59.6	58.0	76.9	62.3	64.6	80.7	128.6
VALUE OF FARM PROPERTY.									
All farm property, 1920.....dollars..	30,898,787	17,520,251	11,208,102	21,770,695	41,523,213	10,902,081	26,898,797	15,510,728	16,360,227
1910.....dollars..	18,278,237	11,394,270	4,709,396	8,110,673	26,052,722	7,503,325	13,950,109	10,096,804	10,122,081
1900.....dollars..	13,928,815	9,223,564	4,762,343	4,606,317	21,056,585	4,941,162	11,710,866	6,768,436	6,674,845
Land in farms, 1920.....dollars..	15,201,937	8,606,171	5,586,629	14,235,036	22,082,690	5,805,751	12,850,022	7,855,564	10,084,347
1910.....dollars..	9,002,246	5,471,775	2,274,028	4,998,988	13,927,410	4,176,647	5,935,835	5,093,755	6,365,524
1900.....dollars..	7,210,730	4,773,490	2,775,240	2,761,440	12,394,570	2,900,870	5,519,510	3,494,690	4,258,800
Farm buildings, 1920.....dollars..	8,729,552	5,781,915	3,626,708	6,647,513	11,409,717	2,660,352	9,032,795	4,825,542	3,874,628
1910.....dollars..	5,836,100	3,907,274	1,464,627	1,717,835	7,500,321	1,839,818	5,247,740	3,378,770	2,019,677
1900.....dollars..	4,501,850	3,024,820	1,216,010	1,087,720	5,045,840	992,210	4,160,360	2,275,470	1,305,050
Implements and machinery, 1920.....dollars..	2,646,701	1,130,228	770,614	1,508,348	2,660,799	728,957	1,820,538	1,000,752	961,089
1910.....dollars..	990,358	530,764	214,889	369,702	1,061,563	342,827	751,894	495,540	395,847
1900.....dollars..	719,340	440,610	191,060	218,740	855,380	220,210	570,600	325,990	276,780
Live stock on farms, 1920.....dollars..	4,321,597	2,101,937	1,224,151	1,379,798	5,370,007	1,707,021	3,194,542	1,940,163	1,940,163
1910.....dollars..	2,443,533	1,478,457	765,962	1,035,150	3,463,428	1,144,233	2,014,694	1,128,929	1,343,233
1900.....dollars..	1,400,895	984,044	578,843	628,417	2,160,795	822,072	1,460,308	676,288	774,715
Average values, 1920:									
All property per farm.....dollars..	8,783	10,009	5,046	10,783	10,880	6,023	11,213	11,959	15,862
Land and buildings per farm.....dollars..	6,803	8,212	4,041	9,352	8,775	4,677	9,122	9,777	13,042
Land alone per acre.....dollars..	55.53	45.35	23.72	70.54	60.58	23.72	58.66	55.17	60.82
FARMS OPERATED BY OWNERS.									
Number of farms, 1920.....	2,610	1,084	1,206	1,180	2,650	1,648	1,939	1,011	451
1910.....	2,589	1,050	1,015	1,393	2,547	1,838	1,942	1,109	494
1900.....	2,456	927	1,133	1,172	2,558	1,513	1,823	878	367
Per cent of all farms, 1920.....	74.4	62.3	60.8	58.4	69.4	91.0	80.8	77.9	43.7
Land in farms, 1920.....acres..	173,458	78,967	131,172	103,751	197,500	219,910	159,778	95,029	48,384
Improved land in farms, 1920.....acres..	126,168	53,752	64,459	58,601	153,401	102,547	113,924	71,883	38,023
Value of land and buildings, 1920.....dollars..	15,649,181	6,395,681	5,384,935	9,904,149	17,973,423	7,745,873	16,401,021	8,760,877	4,299,365
Degree of ownership, 1920:									
Farmers owning entire farm.....number..	2,511	1,038	1,152	1,092	2,561	1,578	1,832	987	443
Farmers hiring additional land.....number..	108	46	54	88	89	70	107	24	8
Color and nativity of owners, 1920:									
Native white owners.....number..	2,548	981	747	898	2,563	1,618	1,741	885	340
Foreign-born white owners.....number..	38	67	41	66	13	30	62	53	32
Negro and other nonwhite owners.....number..	33	36	418	216	74	.....	136	73	70
FARMS OPERATED BY MANAGERS.									
Number of farms, 1920.....	59	63	22	22	110	22	67	44	32
1910.....	42	35	17	13	64	33	56	46	36
1900.....	51	48	38	24	61	16	58	30	40
Land in farms, 1920.....acres..	8,858	15,330	7,878	3,905	15,900	7,702	11,108	14,161	6,704
Improved land in farms, 1920.....acres..	7,259	9,981	4,080	2,427	12,133	2,200	7,426	10,161	5,811
Value of land and buildings, 1920.....dollars..	876,795	1,325,750	539,700	436,300	1,655,814	238,960	1,189,380	1,487,950	534,800
FARMS OPERATED BY TENANTS.									
Number of farms, 1920.....	840	593	757	817	1,067	140	393	242	540
1910.....	853	632	591	808	1,193	205	514	230	563
1900.....	858	729	581	811	1,128	250	550	306	534
Per cent of all farms, 1920.....	23.9	34.1	38.1	40.5	27.7	18.4	18.4	18.7	53.2
Land in farms, 1920.....acres..	91,461	93,264	96,426	94,151	151,065	17,142	48,203	33,220	110,652
Improved land in farms, 1920.....acres..	74,206	68,961	49,762	56,065	127,910	7,998	33,555	22,638	89,392
Value of land and buildings, 1920.....dollars..	7,405,513	6,556,555	3,288,702	8,542,100	13,863,316	481,270	4,203,316	2,432,279	8,624,810
Form of tenancy, 1920:									
Share tenants.....number..	681	411	486	614	925	44	256	129	457
Croppers.....number..	27	43	179	102	27	14	52	25	16
Share-cash tenants.....number..	5	1	1	2	2	2	3	1	.....
Cash tenants.....number..	129	97	91	77	99	78	77	68	48
Standing renters.....number..	18	41	.....	22	4	2	5	18	28
Color and nativity of tenants, 1920:									
Native white tenants.....number..	829	565	340	542	1,038	139	357	214	520
Foreign-born white tenants.....number..	.....	10	8	7	5	1	5	3	3
Negro and other nonwhite tenants.....number..	11	18	409	268	14	.....	31	25	26

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920, WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

	Montgomery.	Prince Georges.	Queen Annes.	St. Marys.	Somerset.	Talbot.	Washing- ton.	Wicomico.	Worcester.
ALL FARMS.									
1 Number of farms..1920.....	2,145	2,457	1,409	1,790	1,820	1,205	2,544	2,504	2,334
2 ".....1910.....	2,442	2,283	1,421	1,625	1,986	1,207	2,466	2,678	2,344
3 ".....1900.....	2,085	2,374	1,456	1,292	1,621	1,199	2,393	2,314	1,987
4 All farmers classified by sex, 1920:									
5 Male.....number.....	2,032	2,362	1,896	1,719	1,756	1,169	2,440	2,452	2,283
6 Female.....number.....	113	95	13	71	64	36	104	52	51
7 Color and nativity of all farmers, 1920:									
8 Native white.....number.....	1,917	1,702	1,216	1,251	1,315	974	2,516	2,107	1,866
9 Foreign-born white.....number.....	23	140	25	59	26	50	9	18	24
10 Negro and other nonwhite.....number.....	205	615	168	480	479	181	19	379	444
11 All farms classified by size, 1920:									
12 Under 3 acres.....number.....	33	19	.....	7	3	1	13	7	4
13 3 to 9 acres.....number.....	201	238	69	149	353	104	295	207	138
14 10 to 19 acres.....number.....	192	380	93	170	276	104	263	298	257
15 20 to 49 acres.....number.....	277	550	150	314	364	152	416	711	581
16 50 to 99 acres.....number.....	393	455	176	382	356	171	515	738	602
17 100 to 174 acres.....number.....	510	454	394	434	281	328	694	413	468
18 175 to 259 acres.....number.....	281	206	318	190	125	207	253	82	181
19 260 to 499 acres.....number.....	230	147	187	113	39	115	83	38	83
20 500 to 999 acres.....number.....	21	24	20	19	17	21	8	7	18
21 1,000 acres and over.....number.....	1	4	2	1	1	2	4	3	2
LAND AND FARM AREA.									
22 Approximate land area, 1920.....acres.....	333,440	308,480	233,600	237,440	211,840	171,520	293,760	237,440	316,800
23 Land in farms..1920.....acres.....	260,405	228,723	214,378	190,387	131,253	160,450	239,298	167,840	206,826
24 ".....1910.....acres.....	273,270	240,036	219,072	192,787	146,270	163,038	231,191	197,821	234,525
25 ".....1900.....acres.....	283,469	265,003	224,143	192,503	144,970	164,792	249,221	207,284	241,435
26 Improved land in farms..1920.....acres.....	199,728	143,438	163,915	93,438	70,758	115,753	189,847	98,390	114,567
27 ".....1910.....acres.....	209,153	154,414	171,614	98,247	76,449	117,728	191,842	109,092	121,830
28 ".....1900.....acres.....	212,840	174,273	172,396	109,553	82,650	119,266	197,048	122,453	132,549
29 Woodland in farms, 1920.....acres.....	52,920	78,286	39,551	84,849	45,376	37,239	37,091	57,669	81,785
30 Other unimproved land in farms, 1920.....acres.....	7,767	11,999	10,912	12,100	15,121	7,458	11,760	11,781	10,474
31 Per cent of land area in farms, 1920.....	78.1	74.1	91.8	80.2	62.0	93.5	81.5	70.7	65.3
32 Per cent of farm land improved, 1920.....	76.7	62.7	76.5	49.1	53.9	72.1	79.3	58.6	55.4
33 Average acreage per farm, 1920.....	121.4	93.1	152.1	106.4	72.1	133.2	94.1	67.0	88.6
34 Average improved acreage per farm, 1920.....	93.1	58.4	116.3	52.2	38.9	96.1	74.6	39.3	49.1
VALUE OF FARM PROPERTY.									
35 All farm property..1920.....dollars.....	34,303,210	20,229,384	17,063,083	11,018,019	10,302,940	18,437,788	30,742,835	11,890,403	15,323,523
36 ".....1910.....dollars.....	20,858,469	13,063,074	11,808,920	4,777,249	6,650,637	11,645,414	18,526,366	7,045,091	6,780,106
37 ".....1900.....dollars.....	15,079,668	9,323,978	7,633,393	3,305,104	3,156,553	6,955,071	13,513,250	3,446,389	3,619,888
38 Land in farms..1920.....dollars.....	20,060,040	11,152,119	11,036,340	6,229,066	5,882,467	11,619,547	18,683,398	6,792,748	9,917,324
39 ".....1910.....dollars.....	12,678,278	7,871,497	7,489,507	2,469,322	3,857,780	7,202,390	11,170,869	4,293,218	4,074,946
40 ".....1900.....dollars.....	9,491,930	5,710,630	4,558,610	1,825,470	1,622,690	4,200,570	8,223,320	1,923,360	1,978,540
41 Farm buildings..1920.....dollars.....	8,315,400	6,032,534	3,505,010	3,095,440	2,762,700	3,860,268	7,261,950	3,217,415	3,178,437
42 ".....1910.....dollars.....	5,163,580	3,607,187	2,154,083	1,373,392	1,826,530	2,644,429	4,633,750	1,724,576	1,584,939
43 ".....1900.....dollars.....	3,525,170	2,577,410	1,590,780	870,550	995,000	1,090,700	3,552,000	882,320	878,290
44 Implements and machinery..1920.....dollars.....	1,789,274	1,389,385	1,067,318	631,566	710,817	1,103,778	1,690,593	737,559	709,013
45 ".....1910.....dollars.....	733,843	483,626	472,474	220,503	270,848	495,194	671,007	204,194	249,002
46 ".....1900.....dollars.....	576,010	323,820	384,450	158,530	157,020	304,220	516,250	171,840	173,400
47 Live stock on farms..1920.....dollars.....	3,238,986	1,655,346	2,354,415	1,061,947	946,956	1,854,197	3,106,949	1,142,681	1,518,749
48 ".....1910.....dollars.....	2,282,768	1,096,364	1,692,558	714,032	695,499	1,303,401	2,049,840	793,103	877,219
49 ".....1900.....dollars.....	1,450,558	1,122,118	1,049,553	450,554	381,843	759,581	1,221,620	469,069	589,658
50 Average values, 1920:									
51 All property per farm.....dollars.....	15,992	8,233	12,749	6,155	5,661	15,301	12,084	4,749	6,565
52 Land and buildings per farm.....dollars.....	13,648	6,994	10,320	5,209	4,750	12,846	10,199	3,998	5,611
53 Land alone per acre.....dollars.....	80.40	48.76	51.48	32.72	44.82	72.42	78.08	40.47	47.05
FARMS OPERATED BY OWNERS.									
54 Number of farms..1920.....	1,599	1,529	603	1,045	1,433	664	1,620	1,806	1,515
55 ".....1910.....	1,841	1,647	638	939	1,503	749	1,632	1,888	1,428
56 ".....1900.....	1,562	1,401	604	677	1,040	616	1,492	1,502	1,042
57 Per cent of all farms, 1920.....	74.5	62.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4
58 Land in farms, 1920.....acres.....	170,515	122,573	60,983	101,331	101,580	65,001	112,129	113,653	126,119
59 Improved land in farms, 1920.....acres.....	131,151	75,379	46,004	48,506	54,255	47,700	84,793	66,900	71,235
60 Value of land and buildings, 1920.....dollars.....	19,245,600	10,160,107	4,157,782	4,931,081	6,751,702	7,040,265	11,999,493	6,957,079	7,025,014
61 Degree of ownership, 1920:									
62 Farmers owning entire farm.....number.....	1,505	1,416	589	968	1,272	623	1,541	1,567	1,554
63 Farmers hiring additional land.....number.....	94	113	14	77	161	41	79	239	161
64 Color and nativity of owners, 1920:									
65 Native white owners.....number.....	1,434	1,140	492	733	1,037	518	1,602	1,580	1,304
66 Foreign-born white owners.....number.....	18	129	22	56	24	36	6	17	20
67 Negro and other nonwhite owners.....number.....	147	260	89	256	372	110	12	229	191
FARMS OPERATED BY MANAGERS.									
68 Number of farms..1920.....	53	66	70	11	31	81	110	14	16
69 ".....1910.....	78	79	34	7	25	44	38	17	26
70 ".....1900.....	46	92	50	20	31	57	75	18	12
71 Land in farms, 1920.....acres.....	10,151	18,719	14,622	3,176	3,450	15,620	22,144	3,063	3,059
72 Improved land in farms, 1920.....acres.....	7,535	11,935	11,051	1,930	1,681	11,690	13,647	2,040	2,238
73 Value of land and buildings, 1920.....dollars.....	2,456,400	1,884,250	1,110,770	282,500	256,850	1,810,200	2,462,250	298,700	316,000
FARMS OPERATED BY TENANTS.									
74 Number of farms..1920.....	493	862	736	734	356	460	814	684	803
75 ".....1910.....	523	662	749	679	458	504	796	773	890
76 ".....1900.....	457	881	802	595	450	626	826	704	933
77 Per cent of all farms, 1920.....	23.0	35.1	62.2	41.0	19.6	38.2	32.0	27.3	34.4
78 Land in farms, 1920.....acres.....	79,739	87,331	138,768	85,880	26,223	79,829	105,025	51,124	77,048
79 Improved land in farms, 1920.....acres.....	61,042	56,124	106,860	43,002	14,790	56,363	91,407	29,435	41,094
80 Value of land and buildings, 1920.....dollars.....	7,572,440	5,140,296	9,272,798	4,110,945	1,636,615	6,629,350	11,493,605	2,764,384	4,853,847
81 Form of tenancy, 1920:									
82 Share tenants.....number.....	338	538	612	400	198	367	689	423	476
83 Croppers.....number.....	40	118	50	209	61	45	89	145	125
84 Share-cash tenants.....number.....	1	.....	1	.....	.....	.....	.....	.....	.....
85 Cash tenants.....number.....	114	206	58	50	61	31	6	55	80
86 Standing renters.....number.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87 Unspecified.....number.....	.....	.....	15	15	35	15	9	60	108
88 Color and nativity of tenants, 1920:									
89 Native white tenants.....number.....	439	510	672	510	255	402	805	536	548
90 Foreign-born white tenants.....number.....	2	8	3	3	2	13	3	1	3
91 Negro and other nonwhite tenants.....number.....	52	344	61	221	99	45	6	147	262

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES, 1920; AND LIVE-STOCK PRODUCTS, 1919.

	THE STATE.	Allegany.	Anne Arundel.	Baltimore.	Baltimore city.	Calvert.	Caroline.	Carroll.
DOMESTIC ANIMALS: 1920.								
1 Farms reporting domestic animals.....number.....	45,674	958	1,874	3,455	297	1,066	2,007	3,399
2 Value of all domestic animals.....dollars.....	43,784,464	635,094	1,268,484	3,217,303	258,662	525,872	1,408,248	3,886,568
Horses:								
3 Total number.....	141,341	2,236	5,019	9,890	618	2,702	5,282	10,248
4 Colts under 1 year of age.....	5,094	48	246	198	20	76	115	276
5 Colts 1 year old and under 2 years.....	6,898	88	206	286	6	136	155	416
6 Mares 2 years old and over.....	62,694	921	2,351	3,374	158	1,440	2,475	4,513
7 Geldings 2 years old and over.....	66,706	1,161	2,195	5,896	406	1,031	2,520	5,004
8 Stallions 2 years old and over.....	949	18	21	136	28	10	17	40
9 Total value.....dollars.....	13,835,411	224,804	512,683	938,442	77,277	241,605	387,056	984,148
Mules:								
10 Total number.....	32,621	246	1,246	3,209	156	181	1,865	2,450
11 Mule colts under 1 year of age.....	912	39	78	78	2	8	98	92
12 Mule colts 1 year old and under 2 years.....	1,676	27	69	129	8	8	163	179
13 Mules 2 years old and over.....	30,033	180	1,139	3,002	146	173	1,604	2,179
14 Total value.....dollars.....	4,138,704	27,278	146,452	390,655	17,862	20,412	227,393	301,492
Asses and burros:								
15 Total number.....	64	3	6	4	.....	.....	5	4
16 Total value.....dollars.....	7,798	200	770	215	.....	.....	400	130
Cattle:								
17 Total number.....	283,377	5,807	6,199	20,376	1,700	3,089	9,854	26,859
18 Total value.....dollars.....	20,363,801	290,464	446,765	1,549,478	140,148	204,946	673,030	2,070,792
Beef cattle—								
19 Total number.....	53,666	1,276	1,336	2,067	177	1,575	269	6,050
20 Calves under 1 year of age.....	6,177	371	302	73	16	145	71	73
21 Heifers 1 year old and under 2 years.....	3,308	189	87	108	13	69	28	191
22 Cows and heifers 2 years old and over.....	10,396	339	310	207	108	118	142	186
23 Steers 1 year old and under 2 years.....	8,414	181	133	750	1	219	4	1,157
24 Steers 2 years old and over.....	23,272	147	461	1,071	31	993	17	3,573
25 Bulls 1 year old and over.....	2,099	49	43	70	8	61	7	565
26 Total value.....dollars.....	3,808,079	57,655	82,865	222,203	14,097	99,984	17,009	557,565
Dairy cattle—								
27 Total number.....	229,711	4,531	4,863	17,400	1,523	2,414	9,585	20,809
28 Calves under 1 year of age.....	31,345	777	606	2,138	128	255	2,424	2,833
29 Heifers 1 year old and under 2 years.....	26,565	600	573	2,398	112	265	592	2,193
30 Cows and heifers 2 years old and over.....	161,972	3,039	3,534	12,151	1,247	1,838	6,013	16,447
31 Bulls 1 year old and over.....	9,829	115	150	722	36	66	256	1,136
32 Total value.....dollars.....	16,555,722	241,890	303,890	1,327,275	125,151	104,062	656,630	1,513,227
Sheep:								
33 Total number.....	103,027	1,597	2,884	2,208	122	1,717	1,375	1,473
34 Lambs under 1 year of age.....	13,031	213	518	394	67	297	161	204
35 Ewes 1 year old and over.....	85,480	1,280	2,197	1,735	53	1,343	1,130	1,182
36 Rams 1 year old and over.....	3,895	60	108	99	2	77	53	82
37 Wethers 1 year old and over.....	621	54	1	10	.....	.....	31	5
38 Total value.....dollars.....	1,262,798	17,378	31,083	22,833	1,311	18,211	20,128	17,033
Goats:								
39 Total number.....	873	1	41	15	11	3	42	23
40 Total value.....dollars.....	5,918	6	333	148	110	45	285	124
Swine:								
41 Total number.....	306,452	4,563	9,561	21,771	1,325	5,083	8,319	34,074
42 Pigs under 6 months old.....	181,938	3,082	5,710	12,400	692	2,380	5,452	19,561
43 Sows and gilts for breeding, 6 months old and over.....	41,320	679	1,367	3,655	175	1,128	840	3,303
44 Boars for breeding, 6 months old and over.....	6,042	100	209	517	32	86	85	634
45 All other hogs, 6 months old and over.....	77,152	702	2,275	5,139	420	1,494	1,936	11,276
46 Total value.....dollars.....	4,169,974	65,969	130,408	315,532	21,954	45,653	99,340	512,840
POULTRY AND BEES: 1920.								
47 Chickens.....number.....	3,436,376	48,428	88,589	272,755	19,489	33,489	170,462	410,296
48 Other poultry.....number.....	252,100	1,907	6,385	12,778	4,600	5,082	8,315	28,923
49 Value of all poultry.....dollars.....	4,216,105	53,764	118,214	326,130	30,760	51,959	204,486	430,048
50 Bees.....number of hives.....	16,117	1,036	312	1,136	112	132	383	1,537
51 Total value.....dollars.....	70,681	4,271	1,762	6,615	1,062	500	1,457	4,981
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
52 Milk produced (as reported).....gallons.....	52,071,197	913,660	1,094,525	4,516,048	425,866	260,950	1,313,097	6,399,960
53 Milk sold.....gallons.....	29,842,910	400,884	382,243	2,473,806	383,861	3,070	819,161	3,847,622
54 Cream sold.....gallons.....	311,436	1,766	11,639	35,414	230	120	7,199	53,442
55 Butter fat sold.....pounds.....	448,266	1,804	12,342	4,744	100	120	31,251	85,064
56 Butter made on farms.....pounds.....	6,162,501	188,009	168,069	586,767	23,230	69,561	139,715	844,779
57 Butter sold.....pounds.....	3,925,042	115,525	53,353	388,121	10,173	14,294	80,500	711,490
58 Cheese made on farms.....pounds.....	126,190	6,550	20,038	84,079	1,305	.....	1	542
59 Value of dairy products.....dollars.....	13,407,526	301,554	271,434	1,312,237	157,324	30,630	293,985	1,017,074
60 Receipts from sale of dairy products.....dollars.....	12,166,328	248,344	200,374	1,163,233	148,715	8,452	264,091	1,544,917
61 Average production of milk per dairy cow.....gallons.....	353	334	334	409	398	170	289	414
Eggs and chickens:								
62 Eggs produced (as reported).....dozens.....	14,328,483	236,332	315,825	1,180,975	70,113	75,683	656,874	1,950,447
63 Eggs sold.....dozens.....	10,656,009	134,968	134,716	787,176	19,477	39,430	584,775	1,692,302
64 Chickens raised (as reported).....number.....	4,597,291	50,026	131,066	285,622	21,701	80,219	219,667	405,714
65 Chickens sold.....number.....	1,618,774	21,698	33,040	109,349	3,083	21,239	85,158	187,355
66 Value of chickens and eggs produced.....dollars.....	10,798,096	213,266	289,783	849,634	69,461	108,570	471,870	1,242,844
67 Receipts from sale of chickens and eggs.....dollars.....	6,244,163	83,112	99,437	486,405	15,723	33,642	324,876	931,984
Honey and wax:								
68 Honey produced.....pounds.....	215,685	13,209	4,114	21,188	1,890	2,515	3,683	15,518
69 Wax produced.....pounds.....	1,947	37	55	251	13	.....	89	479
70 Value of honey and wax.....dollars.....	56,837	3,448	1,091	5,607	496	654	967	4,222
Wool:								
71 Sheep shorn.....number.....	81,313	1,287	2,347	1,201	47	911	736	1,207
72 Wool produced (as reported).....pounds.....	495,561	7,051	12,268	8,285	275	5,257	4,842	8,163
73 Value.....dollars.....	286,427	4,038	7,005	5,270	105	3,110	2,693	4,540

* Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS NOT ON FARMS OR RANGES: 1920.

1 Inclosures reporting domestic animals.....	21,230	1,426	751	2,101	1,889	77	441	1,231
2 Horses, total number.....	23,686	763	1,279	1,668	7,373	98	423	978
3 Mules, total number.....	3,572	253	1,003	194	821	5	62	52
4 Asses and burros, total number.....	92	1	1	20	28	.....	11	.....
5 Cattle, total number.....	11,764	1,233	425	1,223	489	68	200	431
6 Dairy cows.....	8,049	1,000	366	1,007	387	54	129	354
7 Sheep, total number.....	861	22	46	66	66	13	.....	11
8 Goats, total number.....	376	18	0	51	87	.....	.....	2
9 Swine, total number.....	33,594	2,040	2,910	2,924	2,596	105	479	2,568

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

		Cecil.	Charles.	Dorchester.	Frederick.	Garrett.	Harford.	Howard.	Kent.
DOMESTIC ANIMALS: 1920.									
1	Farms reporting domestic animals.....number..	1,665	1,831	1,900	3,071	1,708	2,331	1,240	1,002
2	Value of all domestic animals.....dollars..	1,935,495	1,106,937	1,238,037	4,932,219	1,007,902	2,958,373	1,691,433	1,823,681
3	Horses:								
4	Total number.....	6,794	4,040	3,905	16,514	4,004	0,046	4,902	6,841
5	Colts under 1 year of age.....	260	171	85	1,082	139	128	176	203
6	Colts 1 year old and under 2 years.....	248	190	91	1,807	232	170	293	312
7	Mares 2 years old and over.....	2,762	2,039	1,908	7,809	2,232	2,429	2,079	3,100
8	Geldings 2 years old and over.....	3,464	2,211	1,807	6,282	2,017	3,278	2,286	3,108
9	Stallions 2 years old and over.....	60	29	14	74	32	32	68	49
10	Total value.....dollars..	562,425	464,887	328,707	1,702,313	515,705	650,750	679,830	525,412
11	Mules:								
12	Total number.....	706	631	2,368	612	40	2,154	564	1,042
13	Mule colts under 1 year of age.....	20	31	17	31	8	31	17	53
14	Mule colts 1 year old and under 2 years.....	37	46	59	86	32	70	93	71
15	Mules 2 years old and over.....	649	554	2,292	495	32	2,044	454	918
16	Total value.....dollars..	92,499	84,608	292,045	67,644	3,105	801,801	61,723	115,185
17	Asses and burros:								
18	Total number.....	3	4	1	5	2	4	3	.....
19	Total value.....dollars..	300	425	150	318	100	700	825	.....
20	Cattle:								
21	Total number.....	14,422	7,741	7,657	35,433	13,687	21,411	9,767	10,883
22	Total value.....dollars..	1,004,669	412,653	468,376	2,660,369	792,412	1,717,271	750,461	942,867
23	Beef cattle—								
24	Total number.....	697	2,558	1,115	4,270	7,013	2,714	2,703	214
25	Calves under 1 year of age.....	60	308	153	332	1,032	45	145	115
26	Heifers 1 year old and under 2 years.....	49	252	63	169	934	40	114	9
27	Cows and heifers 2 years old and over.....	141	790	380	216	2,475	70	130	61
28	Steers 1 year old and under 2 years.....	124	226	80	975	1,003	636	589	21
29	Steers 2 years old and over.....	294	837	412	2,318	518	1,891	1,682	.....
30	Bulls 1 year old and over.....	29	115	18	206	151	32	34	8
31	Total value.....dollars..	55,027	161,795	66,341	306,831	380,095	222,782	233,928	9,820
32	Dairy cattle—								
33	Total number.....	13,726	5,153	6,542	31,157	6,874	18,697	7,064	10,669
34	Calves under 1 year of age.....	1,802	671	889	3,830	1,358	2,756	833	1,295
35	Heifers 1 year old and under 2 years.....	1,483	545	693	3,818	785	2,481	891	1,014
36	Cows and heifers 2 years old and over.....	9,819	3,782	4,747	21,710	4,012	12,819	5,010	7,857
37	Bulls 1 year old and over.....	622	155	210	1,790	110	641	330	503
38	Total value.....dollars..	1,038,742	250,758	402,035	2,353,538	412,317	1,494,480	522,623	938,047
39	Sheep:								
40	Total number.....	1,924	3,369	2,550	4,411	17,458	3,824	2,736	7,218
41	Lambs under 1 year of age.....	286	576	205	618	3,507	518	316	337
42	Ewes 1 year old and over.....	1,575	2,650	2,209	3,510	13,279	2,688	2,163	6,038
43	Rams 1 year old and over.....	63	139	144	220	551	118	70	243
44	Wethers 1 year old and over.....	.....	4	1	63	61	.....	187	.....
45	Total value.....dollars..	23,061	31,537	32,754	56,452	186,205	40,232	32,383	112,274
46	Goats:								
47	Total number.....	18	112	5	20	170	6	23	4
48	Total value.....dollars..	88	560	30	105	1,072	55	143	36
49	Swine:								
50	Total number.....	11,659	10,201	6,654	33,994	6,847	15,536	11,845	8,809
51	Pigs under 6 months old.....	6,924	6,208	3,545	21,330	4,060	9,698	7,401	4,871
52	Sows and gilts for breeding, 6 months old and over.....	1,672	1,438	1,155	3,710	1,311	2,244	1,474	1,624
53	Boars for breeding, 6 months old and over.....	221	260	147	651	126	224	224	188
54	All other hogs, 6 months old and over.....	2,842	2,295	1,807	8,303	750	3,398	2,746	2,136
55	Total value.....dollars..	102,453	112,367	116,025	444,928	100,303	238,504	160,069	127,877
POULTRY AND BEES: 1920.									
56	Chickens:								
57	Other poultry.....number..	115,444	77,640	119,555	350,113	81,414	184,020	114,300	79,695
58	Value of all poultry.....dollars..	10,813	8,923	12,832	22,140	2,655	11,170	7,060	13,322
59	Bees:								
60	Value of all hives.....number of hives..	164,549	115,085	139,741	427,097	90,876	232,161	137,412	124,101
61	Total value.....dollars..	544	399	564	2,355	1,540	563	9	192
62	LIVE-STOCK PRODUCTS: 1919.								
63	Dairy products:								
64	Milk produced (as reported).....gallons..	3,101,523	556,795	602,171	9,431,829	2,131,940	5,072,272	1,655,191	2,207,023
65	Milk sold.....gallons..	2,760,091	36,201	112,731	6,125,582	134,327	3,673,060	851,863	1,932,223
66	Cream sold.....gallons..	3,319	921	10,517	85,547	2,038	33,623	12,285	308
67	Butter fat sold on farms.....pounds..	12,965	6,657	10,103	73,266	3,550	111,333	3,732	190
68	Butter made on farms.....pounds..	148,053	140,031	143,755	726,054	565,938	313,368	282,233	73,088
69	Butter sold.....pounds..	96,366	32,078	70,462	560,302	372,525	173,764	195,006	47,510
70	Cheese made on farms.....pounds..	300	.....	.....	2,976	638	400	350	.....
71	Value of dairy products.....dollars..	953,987	92,159	133,938	2,270,963	332,062	1,510,465	433,356	586,425
72	Receipts from sale of dairy products.....dollars..	925,738	36,077	100,997	2,197,508	232,505	1,433,712	389,428	572,081
73	Average production of milk per dairy cow.....gallons..	350	168	131	456	387	420	374	321
74	Eggs and chickens:								
75	Eggs produced (as reported).....dozens..	455,133	331,092	451,761	1,828,897	478,800	846,683	482,100	272,220
76	Eggs sold.....dozens..	349,920	191,487	359,316	1,495,957	350,250	659,785	351,715	195,549
77	Chickens raised (as reported).....number..	123,422	151,278	173,969	456,393	78,835	204,181	350,709	102,007
78	Chickens sold.....number..	53,752	51,202	64,416	205,677	38,017	86,795	51,958	33,436
79	Value of chickens and eggs produced.....dollars..	390,673	278,805	345,386	1,220,482	288,661	601,822	545,302	216,339
80	Receipts from sale of chickens and eggs.....dollars..	239,814	128,280	208,590	815,403	193,003	392,288	204,640	116,041
81	Honey and wax:								
82	Honey produced.....pounds..	2,638	8,143	15,034	23,487	22,871	5,754	12	1,098
83	Wax produced.....pounds..	58	34	225	192	138	86	.....	28
84	Value of honey and wax.....dollars..	709	2,130	3,997	6,182	6,000	1,530	3	530
85	Wool:								
86	Sheep shorn.....number..	1,532	2,623	2,074	3,126	14,942	1,735	2,202	5,457
87	Wool produced (as reported).....pounds..	9,053	13,403	11,062	22,251	80,914	11,268	16,322	36,327
88	Value.....dollars..	5,240	7,598	6,088	12,138	54,602	6,361	9,302	20,220

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1	Inclosures reporting domestic animals.....	659	216	772	1,742	789	869	437	749
2	Horses, total number.....	630	248	589	1,249	475	767	304	856
3	Mules, total number.....	12	29	171	28	80	52	18	44
4	Asses and burros, total number.....	1	2	.....	.....	.....	.....	3	.....
5	Cattle, total number.....	340	229	1,043	845	855	532	252	113
6	Dairy cows.....	258	120	415	627	704	445	207	84
7	Sheep, total number.....	10	11	58	42	100	6	.....	5
8	Goats, total number.....	4	11	2	3	16	42	12	12
9	Swine, total number.....	549	444	390	4,120	1,097	917	585	428

1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

	Montgomery.	Prince Georges.	Queen Annes.	St. Marys.	Somerset.	Talbot.	Washington.	Wicomico.	Worcester.
DOMESTIC ANIMALS: 1920.									
Farms reporting domestic animals.....number..	2,051	2,304	1,389	1,728	1,602	1,176	2,371	2,352	2,231
Value of all domestic animals.....dollars..	2,988,378	1,485,188	2,200,751	950,180	822,282	1,724,804	2,878,463	951,940	1,288,060
Horses:									
Total number.....	9,474	6,604	6,351	4,228	2,518	4,328	10,728	3,380	3,363
Colts under 1 year of age.....	404	198	212	149	35	117	683	39	76
Colts 1 year old and under 2 years.....	685	257	254	159	51	157	946	69	109
Mares 2 years old and over.....	4,360	2,460	3,104	1,836	1,080	2,032	4,990	1,477	1,676
Geldings 2 years old and over.....	3,970	3,049	2,747	2,058	1,334	1,996	4,041	1,776	1,469
Stallions 2 years old and over.....	55	40	34	20	18	26	68	19	34
Total value.....dollars..	1,087,661	623,757	451,614	412,539	263,096	463,015	1,028,048	288,885	411,813
Mules:									
Total number.....	261	696	3,440	345	1,714	2,745	523	2,437	2,981
Mule colts under 1 year of age.....	18	17	164	13	40	23	12	39	198
Mule colts 1 year old and under 2 years.....	36	55	185	35	58	69	21	102	83
Mules 2 years old and over.....	207	624	3,100	317	1,616	2,663	490	2,296	2,859
Total value.....dollars..	32,603	76,656	417,300	46,228	241,047	361,356	60,130	326,837	426,303
Asses and burros:									
Total number.....	8	4	1	1	1	4	2	3	3
Total value.....dollars..	500	625	400	400	305	150	535	750	750
Cattle:									
Total number.....	18,212	8,384	13,262	7,195	3,323	8,501	19,537	3,561	5,416
Total value.....dollars..	1,513,444	537,396	975,085	357,949	221,630	647,261	1,328,273	241,344	311,229
Beef cattle—									
Total number.....	4,105	1,715	822	3,670	556	244	5,613	416	1,555
Calves under 1 year of age.....	223	237	137	444	112	65	450	105	198
Heifers 1 year old and under 2 years.....	75	76	100	281	64	18	240	25	136
Cows and heifers 2 years old and over.....	204	559	507	1,050	302	52	725	228	988
Steers 1 year old and under 2 years.....	483	460	38	381	10	78	876	15	30
Steers 2 years old and over.....	3,065	332	11	1,408	9	2,997	35	171	30
Bulls 1 year old and over.....	55	51	20	117	9	17	325	8	32
Total value.....dollars..	391,533	115,727	52,703	193,067	31,291	15,835	409,861	22,112	80,153
Dairy cattle—									
Total number.....	14,107	6,669	12,440	3,525	2,767	8,257	13,924	3,145	3,861
Calves under 1 year of age.....	2,101	972	1,424	547	415	977	1,790	413	506
Heifers 1 year old and under 2 years.....	1,866	796	1,063	389	350	891	1,790	203	432
Cows and heifers 2 years old and over.....	9,514	4,662	9,208	2,479	1,931	5,987	9,217	2,890	2,850
Bulls 1 year old and over.....	626	239	745	110	71	402	648	65	73
Total value.....dollars..	1,121,911	421,669	922,382	164,882	190,330	631,426	918,412	219,232	225,076
Sheep:									
Total number.....	4,589	3,476	14,988	3,585	655	11,588	7,516	365	1,890
Lambs under 1 year of age.....	873	580	845	630	85	558	873	49	261
Ewes 1 year old and over.....	3,523	2,710	13,618	2,779	521	10,558	6,307	291	1,526
Rams 1 year old and over.....	147	95	513	156	40	455	336	11	84
Wethers 1 year old and over.....	46	91	12	20	2	2	14	19	19
Total value.....dollars..	57,593	40,827	224,037	31,783	7,197	160,629	90,042	4,666	18,254
Goats:									
Total number.....	95	71	3	14	5	1	156	16	9
Total value.....dollars..	589	740	19	124	33	3	994	100	85
Swine:									
Total number.....	21,401	13,322	12,837	10,170	5,354	8,851	30,104	5,864	7,708
Pigs under 6 months old.....	13,474	7,785	7,905	5,602	3,158	5,093	16,891	3,484	4,612
Sows and gilts for breeding, 6 months old and over.....	3,024	1,817	2,108	1,445	861	1,345	3,341	638	965
Boars for breeding, 6 months old and over.....	527	276	285	182	117	251	555	86	87
All other hogs, 6 months old and over.....	4,370	3,444	2,539	2,881	1,218	2,152	9,317	1,656	2,044
Total value.....dollars..	290,398	205,312	132,171	101,157	89,279	102,235	370,826	89,673	110,626
POULTRY AND BEES: 1920.									
Chickens.....number..	186,350	121,431	96,603	71,085	104,269	79,545	210,727	181,195	189,443
Other poultry.....number..	11,386	7,500	9,747	6,747	5,604	17,255	11,608	5,080	8,285
Value of all poultry.....dollars..	243,697	187,550	153,421	110,345	124,111	127,798	224,253	187,938	229,806
Bees.....number of hives..	1,172	510	70	271	153	342	1,656	874	280
Total value.....dollars..	6,611	2,608	243	1,422	563	1,695	4,178	2,893	793
LIVE-STOCK PRODUCTS: 1919.									
Dairy products:									
Milk produced (as reported).....gallons..	3,546,625	1,035,100	1,688,434	477,600	432,837	1,297,057	2,930,803	541,292	403,604
Milk sold.....gallons..	2,158,574	362,353	1,595,259	6,840	72,788	889,695	1,159,665	130,223	35,949
Cream sold.....gallons..	24,043	2,933	6,040	459	1,951	1,438	15,092	776	26
Butter fat sold.....pounds..	30,617	6,336	641	553	19,351	2,907	26,553	841	3,126
Butter made on farms.....pounds..	372,776	148,605	82,285	139,611	84,779	92,405	563,624	122,889	151,524
Butter sold.....pounds..	212,250	50,498	51,487	26,909	31,953	57,160	411,181	70,664	70,571
Cheese made on farms.....pounds..	1,013,828	1,625	543,614	76,471	91,075	295,992	615,590	131,917	96,624
Value of dairy products.....dollars..	937,589	101,396	510,767	17,879	63,209	278,798	538,431	105,084	56,703
Receipts from sale of dairy products.....dollars..	398	268	241	161	260	247	327	272	209
Eggs and chickens:									
Eggs produced (as reported).....dozens..	858,721	409,119	321,699	288,212	325,102	285,708	861,231	586,396	689,341
Eggs sold.....dozens..	591,799	263,069	201,229	163,298	255,474	184,719	659,809	476,175	522,107
Chickens raised (as reported).....number..	247,689	148,252	182,951	187,220	145,824	134,647	242,914	203,930	240,125
Chickens sold.....number..	91,859	43,349	39,086	71,592	51,518	37,880	94,090	67,098	75,161
Value of chickens and eggs produced.....dollars..	595,968	342,560	324,057	279,324	283,036	259,743	591,424	428,026	561,560
Receipts from sale of chickens and eggs.....dollars..	334,109	154,607	127,944	130,421	161,227	123,458	371,341	257,672	310,246
Honey and wax:									
Honey produced.....pounds..	30,198	5,483	760	3,240	1,397	4,404	18,208	8,613	1,258
Wax produced.....pounds..	107	22	5	25	22	16	40	64	2
Value of honey and wax.....dollars..	7,893	1,435	200	852	372	1,151	4,776	2,264	328
Wool:									
Sheep shorn.....number..	3,188	2,345	14,228	2,771	415	9,264	6,108	276	1,201
Wool produced (as reported).....pounds..	17,865	12,777	81,526	16,680	1,944	57,934	45,403	1,637	6,146
Value.....dollars..	10,071	7,506	46,239	9,868	1,135	34,200	24,656	780	3,596

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

NOT ON FARMS OR RANGES: 1920—Continued.

1	Inclousures reporting domestic animals.....	997	1,106	679	524	477	344	1,939	370	545
2	Horses, total number.....	889	950	774	320	369	271	1,406	392	520
3	Mules, total number.....	12	76	63	5	68	40	70	125	283
4	Asses and burros, total number.....	1	6	1	1	6	1	1	1	10
5	Cattle, total number.....	618	622	149	421	288	56	950	141	226
6	Dairy cows.....	469	494	108	252	172	41	695	88	173
7	Sheep, total number.....	23	137	21	65	104	26	104	26	29
8	Goats, total number.....	9	64	5	8	1	38	2	2	2
9	Swine, total number.....	1,761	1,771	623	1,276	310	256	4,680	271	564

AGRICULTURE—MARYLAND.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		THE STATE.	Allegany.	Anne Arundel.	Baltimore.	Baltimore city.	Calvert.	Caroline.	Carroll.
VALUE OF ALL CROPS.									
1	Total.....dollars	109,858,608	1,484,653	4,556,924	9,233,700	498,285	1,474,953	3,399,350	9,487,895
2	Cereals.....dollars	55,845,785	650,024	4,587,951	4,487,095	112,724	427,867	1,666,695	0,185,598
3	Other grains and seeds.....dollars	467,411	4,950	8,055	52,715	2,900	1,660	17,668	35,776
4	Hay and forage.....dollars	16,245,825	309,677	311,009	1,458,512	98,148	87,896	517,111	1,687,251
5	Vegetables.....dollars	25,419,187	339,215	2,042,149	2,905,618	251,162	112,980	897,104	1,516,855
6	Fruits and nuts.....dollars	6,042,869	180,541	353,218	328,937	33,330	29,384	299,873	158,958
7	All other crops.....dollars	5,838,051	846	947,951	832	21	815,166	839	5,457
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....acres	1,366,354	17,032	24,361	72,805	1,081	13,118	59,015	115,692
10	.....bushels	32,298,838	425,884	540,384	2,676,326	68,122	261,649	931,308	3,575,917
11	Corn.....acres	619,265	6,846	19,151	33,759	1,158	10,377	28,421	40,276
12	.....bushels	21,083,076	255,372	466,442	1,902,597	52,725	224,435	681,134	2,333,949
13	Oats.....acres	48,891	4,230	480	5,026	109	40	263	4,402
14	.....bushels	1,082,934	80,708	7,017	119,520	1,988	925	3,726	91,599
15	Wheat.....acres	564,295	4,409	4,350	31,282	674	2,384	28,893	66,404
16	.....bushels	9,620,526	62,092	67,863	616,440	12,484	34,077	335,333	1,037,233
17	Barley.....acres	3,888	29	41	444	10	5	23	1,724
18	.....bushels	111,221	400	2,010	14,099	370	50	123	53,754
19	Rye.....acres	21,196	810	337	1,165	80	306	1,143	2,527
20	.....bushels	230,596	9,921	3,033	14,562	555	2,012	8,794	32,864
21	Buckwheat.....acres	8,736	708	2	526			272	358
22	.....bushels	168,639	11,396	10	9,058			2,258	6,458
23	Other grains and seeds:								
24	Dry edible beans.....acres	1,632	52	57	798	64		4	26
25	.....bushels	11,769	399	291	5,107	382		82	210
26	Dry peas.....acres	1,418		244	57	1		168	16
27	.....bushels	12,061		1,494	558	5		1,720	160
28	Hay and forage:								
29	Total.....acres	622,939	9,535	10,381	47,617	2,372	5,979	18,695	60,682
30	.....tons	806,910	13,683	14,553	65,377	4,649	5,020	27,239	83,667
31	All tame or cultivated grasses.....acres	359,456	8,402	4,940	36,004	1,475	855	9,191	37,391
32	.....tons	413,056	9,429	6,519	41,867	2,201	1,339	11,953	30,069
33	Timothy alone.....acres	83,453	3,574	1,931	13,246	711	203	537	7,294
34	.....tons	91,981	4,084	1,205	13,157	1,071	292	633	7,962
35	Timothy and clover mixed.....acres	204,997	1,573	20,287	488	391	5,177	25,042	27,121
36	.....tons	226,369	4,937	1,855	21,560	667	571	6,693	27,121
37	Clover alone.....acres	41,250	52	377	2,836	82	2,095	3,645	3,645
38	.....tons	52,166	57	350	3,110	18	113	2,694	3,625
39	Alfalfa.....acres	11,909	318	1,101	1,505	74	115	474	433
40	.....tons	25,142	613	2,336	3,271	232	311	1,060	912
41	Other tame or cultivated grasses.....acres	17,842	700	898	730	186	64	908	377
42	.....tons	18,001	608	733	769	243	52	873	349
43	Wild, salt, or prairie grasses.....acres	4,273	13	464	242	4	8	431	565
44	.....tons	4,330	12	360	205	4	5	338	544
45	Small grains cut for hay.....acres	6,357	99	925	627	132	40	513	58
46	.....tons	7,746	94	883	814	217	45	451	77
47	Annual legumes cut for hay.....acres	15,114	45	1,122	213	350	158	1,170	50
48	.....tons	19,162	42	1,112	315	479	181	1,292	68
49	Silage crops.....acres	15,646	394	250	947	131		863	1,585
50	.....tons	123,417	3,077	1,702	8,684	1,189		5,622	15,681
51	Corn cut for forage.....acres	219,684	578	2,651	8,872	219	4,916	6,518	21,025
52	.....tons	233,779	1,016	3,931	13,114	337	3,445	7,564	27,320
53	Kafir, sorghum, etc., for forage.....acres	2,086	2	10	94	54	2	4	8
54	.....tons	1,950	5	20	223	133	5	3	8
55	Root crops for forage.....acres	323	2	10	18	7		5	
56	.....tons	870	8	26	155	29		16	
57	Vegetables:								
58	Potatoes (Irish or white).....acres	46,837	944	2,512	5,647	334	89	571	2,830
59	.....bushels	4,918,766	88,804	191,935	543,471	24,802	5,714	35,775	268,268
60	Sweet potatoes and yams.....acres	10,185	10	1,603	105	17	30	562	114
61	.....bushels	1,453,880	1,121	214,265	8,265	1,538	2,241	52,783	10,719
62	Other vegetables.....acres	119,922	458	11,312	13,182	1,128	404	9,912	11,172
63	Miscellaneous crops:								
64	Tobacco.....acres	28,550	1	4,590			5,402		8
65	Maple trees tapped.....pounds	17,330,859	516	2,872,087	95		2,470,200		5,866
66	Maple sugar made.....number	74,549	450					9	
67	Maple sirup made.....pounds	159,957	580						
68	.....gallons	23,155	159					5	
FRUITS.									
69	Small fruits:								
70	Total.....acres	8,360	76	944	290	32	3	914	55
71	.....quarts	10,278,972	82,520	679,216	410,131	53,006	3,278	1,047,622	83,351
72	Strawberries.....acres	7,096	22	892	203	21		821	22
73	.....quarts	8,976,057	38,962	651,857	324,420	44,117	278	959,962	39,224
74	Raspberries.....acres	586	32	13	41	4		20	20
75	.....quarts	723,446	19,263	7,933	41,007	2,455		14,459	32,646
76	Blackberries and dewberries.....acres	608	13	37	26	2		72	12
77	.....quarts	517,525	15,664	18,442	21,544	2,094	3,000	72,281	10,758
78	Orchard fruits:								
79	Total.....trees not of bearing age	1,130,005	204,465	54,237	72,498	4,920	2,929	33,523	54,069
80	.....bushels harvested	3,063,630	187,387	235,928	158,710	15,534	36,626	112,345	144,314
81	Apples.....trees not of bearing age	2,414,644	96,988	138,252	144,242	13,235	15,893	63,044	77,442
82	.....bushels harvested	766,264	187,084	25,645	44,153	3,780	1,286	21,733	33,305
83	Peaches.....trees not of bearing age	1,551,936	101,997	75,657	101,343	5,371	6,875	58,006	101,464
84	.....bushels harvested	1,518,884	72,991	81,626	88,403	6,015	5,512	38,561	56,627
85	Pears.....trees not of bearing age	285,430	14,243	23,496	20,735	502	1,369	6,694	17,319
86	.....bushels harvested	997,086	71,658	136,046	25,556	6,975	28,153	26,323	24,956
87	Plums and prunes.....trees not of bearing age	664,111	21,655	41,681	10,505	2,842	9,206	12,434	4,819
88	.....bushels harvested	48,018	1,276	3,687	6,070	344	131	2,751	1,293
89	Cherries.....trees not of bearing age	305,510	4,183	24,354	23,934	2,302	757	12,579	7,453
90	.....bushels harvested	287,199	1,094	13,570	40,772	4,007	859	10,740	9,321
91	Grapes.....vines not of bearing age	11,479	836	779	99	11	257	813	813
92	.....pounds harvested	41,435	4,362	1,337	2,703	236	309	822	3,912
		18,640	702	869	1,536	80	96	455	2,412
		17,397	1,026	596	1,758	195	90	2,077	1,333
		71,139	5,187	1,520	5,166	650	531	4,014	6,523
		25,111	543	498	3,025	291	220	854	4,252
		31,860	1,304	2,356	1,814	724	50	2,045	882
		164,501	5,862	9,260	16,575	2,263	477	11,474	8,606
		1,540,958	35,744	31,241	214,384	16,119	3,461	91,115	145,877

AND PRODUCTION OF PRINCIPAL CROPS: 1919.

		Cecil.	Charles.	Dorchester.	Frederick.	Garrett.	Harford.	Howard.	Kent.
VALUE OF ALL CROPS.									
1	Total.....dollars..	3,663,017	2,787,144	4,005,978	10,260,909	2,645,116	5,220,780	3,697,641	3,328,561
2	Cereals.....dollars..	2,371,945	961,882	1,872,782	6,040,498	1,146,720	2,822,078	2,413,306	2,284,598
3	Other grains and seeds.....dollars..	7,627	6,293	29,092	83,721	2,903	12,918	6,558	12,450
4	Hay and forage.....dollars..	802,837	302,387	398,795	2,365,670	887,320	1,211,476	515,356	438,732
5	Vegetables.....dollars..	410,355	227,618	1,535,082	1,420,396	499,635	1,013,428	593,920	400,101
6	Fruits and nuts.....dollars..	69,941	69,212	169,886	320,730	20,621	158,807	158,931	192,080
7	All other crops.....dollars..	312	1,219,752	341	29,894	107,857	2,073	0,570	.....
SELECTED CROPS (acres harvested and production).									
Cereals:									
8	Total.....acres..	63,638	35,076	54,249	158,808	30,947	53,871	40,017	71,488
9	.....bushels..	1,381,472	565,753	1,037,732	3,295,138	863,227	1,710,537	1,353,229	1,256,854
10	Corn.....acres..	25,097	22,226	26,010	57,659	6,881	25,086	18,641	26,895
11	.....bushels..	875,746	412,695	631,585	1,738,891	253,244	1,225,739	850,519	740,296
12	Oats.....acres..	4,915	511	213	3,024	13,531	13,531	601	452
13	.....bushels..	82,537	7,011	2,364	56,179	401,648	115,391	11,129	6,588
14	Wheat.....acres..	33,321	10,695	27,163	94,591	4,671	22,793	29,072	43,966
15	.....bushels..	418,606	131,121	326,750	1,445,072	82,643	358,699	481,900	507,777
16	Barley.....acres..	98	26	22	716	100	63	157	1
17	.....bushels..	1,060	364	165	19,506	2,437	1,621	3,573	8
18	Rye.....acres..	86	1,578	661	2,795	617	378	506	174
19	.....bushels..	1,187	14,293	6,643	34,947	7,384	4,110	5,362	2,185
20	Buckwheat.....acres..	108	40	180	6	5,147	270	38	.....
21	.....bushels..	2,060	299	1,225	55	115,871	4,745	716	.....
Other grains and seeds:									
22	Dry edible beans.....acres..	.....	6	127	148	57	1	11	.....
23	.....bushels..	2	59	1,430	1,153	381	9	106	.....
24	Dry peas.....acres..	15	61	232	10	1	2	1	8
25	.....bushels..	225	302	3,471	102	9	19	10	75
Hay and forage:									
26	Total.....acres..	28,665	10,990	15,498	95,325	28,647	40,019	21,566	15,136
27	.....tons..	35,399	15,900	17,502	133,031	40,947	63,745	23,493	10,299
28	All tame or cultivated grasses.....acres..	21,960	5,051	9,616	44,959	26,152	26,070	10,224	11,275
29	.....tons..	23,299	6,150	11,086	51,708	27,417	29,995	15,197	13,019
30	Timothy alone.....acres..	8,415	681	848	10,361	4,208	8,882	3,017	1,954
31	.....tons..	9,526	718	1,073	11,224	4,701	8,882	2,793	1,798
32	Timothy and clover mixed.....acres..	12,131	2,022	3,652	28,596	20,303	11,879	11,152	6,899
33	.....tons..	12,067	2,266	4,233	32,296	21,532	14,651	10,367	7,617
34	Clover alone.....acres..	801	972	4,945	4,945	119	4,247	1,373	790
35	.....tons..	908	1,195	3,530	6,500	184	4,894	1,325	987
36	Alfalfa.....acres..	248	619	283	384	41	488	181	1,022
37	.....tons..	544	825	637	730	70	1,075	304	2,043
38	Other tame or cultivated grasses.....acres..	305	857	1,076	973	1,391	474	501	630
39	.....tons..	256	1,140	1,608	898	1,064	493	408	569
40	Wild, salt, or prairie grasses.....acres..	46	151	633	29	329	.....	11	39
41	.....tons..	46	151	615	29	329	.....	2	49
42	Small grains cut for hay.....acres..	89	121	219	137	31	442	212	56
43	.....tons..	100	116	187	224	30	650	427	49
44	Annual legumes cut for hay.....acres..	405	1,022	1,418	142	26	554	100	195
45	.....tons..	996	1,204	1,548	219	16	936	285	239
46	Silage crops.....acres..	544	290	187	2,783	1,062	1,573	423	560
47	.....tons..	5,260	1,357	1,240	19,350	11,875	16,153	3,506	2,693
48	Corn out for forage.....acres..	5,358	4,290	3,405	47,116	906	12,268	4,471	2,974
49	.....tons..	6,623	6,840	2,889	61,244	1,275	16,778	4,007	3,188
50	Kafir, sorghum, etc., for forage.....acres..	14	53	.....	142	1	58	14	35
51	.....tons..	22	43	.....	209	1	60	28	60
52	Root crops for forage.....acres..	35	29	21	17	1	54	21	.....
53	.....tons..	53	39	37	52	4	155	41	2
Vegetables:									
54	Potatoes (Irish or white).....acres..	1,185	415	701	2,440	1,429	1,663	1,908	486
55	.....bushels..	90,431	30,496	54,529	331,593	164,844	139,799	179,818	47,584
56	Sweet potatoes and yams.....acres..	26	100	760	118	18	25	29	22
57	.....bushels..	2,140	5,607	112,666	9,303	1,814	2,176	3,022	1,941
58	Other vegetables.....acres..	1,998	91	12,741	6,427	86	9,993	1,775	4,255
Miscellaneous crops:									
59	Tobacco.....acres..	.....	5,830	.....	108	.....	4	35	.....
60	.....pounds..	.....	3,690,120	.....	88,695	.....	5,700	29,000	.....
61	Maple trees tapped.....number..	.....	.....	.....	.....	74,090	.....	.....	.....
62	Maple sugar made.....pounds..	.....	.....	.....	.....	150,377	.....	.....	.....
63	Maple sirup made.....gallons..	.....	.....	.....	.....	22,991	.....	.....	.....
FRUITS.									
Small fruits:									
64	Total.....acres..	17	15	170	99	22	14	78	4
65	.....quarts..	17,579	17,447	234,853	119,951	21,871	19,741	73,260	6,045
66	Strawberries.....acres..	13	15	115	37	12	7	62	3
67	.....quarts..	13,675	17,345	179,587	56,917	13,029	14,988	65,451	5,053
68	Raspberries.....acres..	1	.....	52	52	6	5	14	.....
69	.....quarts..	888	86	516	55,380	6,994	3,125	6,613	120
70	Blackberries and dewberries.....acres..	1	.....	53	5	4	1	1	1
71	.....quarts..	1,042	.....	53,840	5,488	1,730	1,177	645	772
Orchard fruits:									
72	Total.....trees not of bearing age..	33,004	14,929	15,643	105,786	13,187	32,824	39,470	20,943
73	.....trees of bearing age..	71,053	34,659	104,772	243,443	112,839	90,615	75,071	189,107
74	.....bushels harvested..	38,642	38,696	71,068	167,535	9,447	91,946	87,322	117,639
75	Apples.....trees not of bearing age..	20,536	10,094	7,887	75,088	9,451	25,540	25,357	3,399
76	.....trees of bearing age..	39,369	22,373	36,201	133,762	95,163	81,453	55,816	33,837
77	.....bushels harvested..	24,868	29,192	25,771	129,536	8,546	71,615	76,521	20,716
78	Peaches.....trees not of bearing age..	10,145	3,642	6,407	26,047	1,177	6,083	9,382	3,873
79	.....trees of bearing age..	18,787	7,582	53,970	90,274	4,226	10,373	10,842	42,282
80	.....bushels harvested..	3,073	5,705	36,802	21,925	117	13,384	4,081	8,691
81	Pears.....trees not of bearing age..	1,108	691	644	1,405	801	671	941	13,623
82	.....trees of bearing age..	8,998	2,311	6,824	8,002	2,141	4,331	5,607	112,180
83	.....bushels harvested..	9,853	2,588	6,790	10,207	6,553	6,124	6,468	85,047
84	Plums and prunes.....trees not of bearing age..	499	261	271	870	1,106	232	248	17
85	.....trees of bearing age..	1,309	1,153	1,235	5,202	4,395	1,546	1,027	440
86	.....bushels harvested..	360	635	431	3,023	126	472	650	95
87	Cherries.....trees not of bearing age..	710	241	434	1,776	652	394	542	31
88	.....trees of bearing age..	2,535	1,240	6,542	6,201	6,908	1,412	1,774	358
89	.....bushels harvested..	448	576	1,274	2,842	105	351	622	90
90	Grapes.....vines not of bearing age..	1,335	457	546	931	204	509	486	181
91	.....vines of bearing age..	2,946	3,529	4,538	10,500	4,936	3,457	4,616	1,157
92	.....pounds harvested..	38,858	16,857	20,027	250,388	17,860	45,706	46,828	7,345

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

		Montgomery.	Prince Georges.	Queen Annes.	St. Marys.	Somerset.	Talbot.	Washington.	Wicomico.	Worcester.	
VALUE OF ALL CROPS.											
1	Total.....	dollars..	6,755,702	4,855,492	3,662,210	2,772,135	3,646,164	3,472,834	8,621,742	4,578,281	5,749,133
2	Cereals.....	dollars..	4,958,999	1,312,129	2,692,620	1,063,875	920,475	2,274,255	5,428,459	1,396,046	1,466,564
3	Other grains and seeds.....	dollars..	12,832	12,786	4,031	34,333	18,561	31,544	60,745	7,973	7,973
4	Hay and forage.....	dollars..	792,255	441,325	554,350	228,469	417,677	486,470	1,171,441	334,023	548,217
5	Vegetables.....	dollars..	648,866	1,466,194	364,402	219,858	1,737,125	598,667	611,592	2,338,559	3,268,226
6	Fruits and nuts.....	dollars..	304,304	170,957	46,718	46,676	536,406	96,774	1,378,166	447,678	457,652
7	All other crops.....	dollars..	35,447	1,440,101	89	1,212,667	58	107	540	630	601
SELECTED CROPS (acres harvested and production).											
Cereals:											
8	Total.....	acres..	92,014	37,460	92,287	37,932	28,822	60,702	100,074	39,006	50,959
9	Corn.....	bushels..	2,824,255	805,224	1,492,213	614,415	547,240	1,238,411	3,052,978	882,443	892,227
10	Oats.....	bushels..	35,734	26,537	35,972	21,137	19,347	20,485	38,507	32,571	40,434
11	Wheat.....	bushels..	1,026,421	686,061	914,972	434,116	409,081	699,428	1,929,818	795,701	741,159
12	Barley.....	bushels..	10,119	6,662	3,341	5,114	10,471	3,317	1,591	611	526
13	Rye.....	bushels..	54,633	8,053	55,508	15,808	8,020	39,773	64,468	9,217	9,047
14	Buckwheat.....	bushels..	876,044	99,928	569,361	170,467	116,401	532,359	1,068,766	48,401	131,809
15	Other grains and seeds:										
16	Dry edible beans.....	acres..	20	91	5	-----	25	-----	20	102	18
17	Dry peas.....	bushels..	198	675	40	-----	132	-----	199	857	107
18	Dry peas.....	acres..	-----	243	1	-----	102	-----	-----	86	162
19	Hay and forage:										
20	Total.....	acres..	2	1,512	13	115	588	-----	3	582	1,041
21	All tame or cultivated grasses.....	acres..	29,553	18,397	21,939	8,765	20,996	17,127	45,975	13,618	24,262
22	Timothy alone.....	tons..	41,112	23,555	27,489	9,227	20,478	20,596	55,945	15,041	29,931
23	Timothy and clover mixed.....	acres..	20,911	5,644	12,702	4,105	5,350	13,008	28,759	5,039	5,874
24	Clover alone.....	tons..	20,598	8,627	14,171	5,831	7,854	14,887	31,443	8,275	10,762
25	Alfalfa.....	acres..	6,065	1,144	1,751	402	828	1,492	8,199	138	497
26	Other tame or cultivated grasses.....	tons..	5,893	2,489	1,430	406	1,180	1,438	8,878	175	818
27	Wild, salt, or prairie grasses.....	acres..	11,617	2,820	7,444	1,385	1,709	7,441	16,068	408	2,145
28	Small grains cut for hay.....	tons..	10,994	3,744	8,368	1,621	2,761	7,724	10,216	872	3,093
29	Annual legumes cut for hay.....	acres..	2,960	536	906	1,404	1,440	1,440	1,587	3,351	2,261
30	Silage crops.....	tons..	3,055	619	1,266	2,295	2,093	1,878	1,718	5,108	4,626
31	Corn cut for forage.....	acres..	229	332	505	288	288	1,245	803	513	100
32	Kafir, sorghum, etc., for forage.....	tons..	458	802	1,539	1,083	730	2,572	1,484	1,239	201
33	Root crops for forage.....	acres..	120	812	1,873	349	1,076	1,390	112	569	871
34	Vegetables:										
35	Potatoes (Irish or white).....	acres..	198	913	1,535	306	1,000	1,275	147	881	1,624
36	Sweet potatoes and yams.....	acres..	6	83	410	56	54	82	-----	294	275
37	Other vegetables.....	tons..	11	83	869	83	61	70	-----	455	113
38	Miscellaneous crops:										
39	Tobacco.....	acres..	92	612	57	70	883	26	27	593	296
40	Maple trees tapped.....	acres..	92	726	105	55	1,285	28	46	626	410
41	Maple sugar made.....	acres..	406	1,153	598	1,400	1,689	417	22	1,196	973
42	Maple syrup made.....	acres..	564	1,189	834	1,614	2,507	508	30	1,420	1,564
43	Other crops.....	acres..	1,182	379	675	83	165	437	555	156	414
44	Strawberries.....	acres..	10,924	2,749	4,023	278	715	2,287	4,660	1,411	981
45	Raspberries.....	acres..	7,223	9,002	7,483	3,037	12,835	3,140	18,612	6,323	26,363
46	Blackberries and dewberries.....	acres..	5,874	9,087	7,477	1,352	7,967	2,800	19,766	2,811	16,044
47	Other fruits.....	acres..	4	1,505	3	12	22	6	-----	16	27
48	Vegetables:										
49	Potatoes (Irish or white).....	acres..	6	1,011	2	12	25	6	-----	41	18
50	Sweet potatoes and yams.....	acres..	29	19	2	2	8	2	-----	1	40
51	Other vegetables.....	tons..	43	113	8	2	34	10	-----	2	41
52	Miscellaneous crops:										
53	Tobacco.....	acres..	134	6,893	-----	5,626	-----	-----	-----	-----	-----
54	Maple trees tapped.....	pounds..	116,438	4,379,769	-----	3,672,193	-----	-----	140	-----	50
55	Maple sugar made.....	pounds..	-----	-----	-----	-----	-----	-----	-----	-----	-----
56	Maple syrup made.....	gallons..	-----	-----	-----	-----	-----	-----	-----	-----	-----
FRUITS.											
Small fruits:											
57	Total.....	acres..	90	315	20	3	1,554	12	384	1,807	1,378
58	Strawberries.....	quarts..	136,156	445,425	40,002	3,201	2,582,721	14,482	599,774	2,017,016	1,570,268
59	Raspberries.....	acres..	68	202	26	3	1,550	11	63	1,555	1,373
60	Blackberries and dewberries.....	quarts..	121,532	325,116	37,912	2,818	2,576,859	13,285	107,228	1,796,998	1,569,444
61	Other fruits.....	acres..	9	44	-----	-----	-----	-----	287	26	-----
62	Orchard fruits:										
63	Total.....	acres..	8,747	48,657	180	175	815	222	463,929	18,784	389
64	Apples.....	acres..	6	61	3	-----	3	1	20	233	-----
65	Peaches.....	acres..	3,308	65,750	1,860	220	5,010	872	32,454	199,274	300
66	Pears.....	acres..	44,840	27,626	6,866	9,078	14,312	20,522	155,572	41,162	110,580
67	Plums and prunes.....	acres..	125,388	54,045	62,632	31,320	49,200	65,300	587,243	81,803	187,368
68	Cherries.....	acres..	166,965	51,184	22,730	25,423	40,360	54,683	737,442	49,712	94,754
69	Other fruits.....	acres..	35,411	15,874	3,398	4,336	7,246	10,715	103,302	18,700	71,536
70	Apples.....	bushels..	86,128	28,072	20,017	14,795	19,487	44,130	302,421	30,529	147,070
71	Peaches.....	bushels..	138,184	34,157	8,664	14,553	12,999	36,986	495,891	19,140	22,510
72	Pears.....	acres..	7,182	5,903	2,362	3,169	5,695	8,991	42,576	21,089	37,352
73	Plums and prunes.....	acres..	24,771	14,307	10,990	9,614	22,500	15,370	269,339	45,695	35,488
74	Cherries.....	bushels..	12,599	4,465	3,888	4,174	14,433	14,304	222,876	21,167	69,263
75	Other fruits.....	acres..	385	4,658	909	979	737	410	4,397	823	965
76	Apples.....	bushels..	9,096	9,151	30,463	3,884	5,648	3,485	9,491	4,233	3,693
77	Peaches.....	bushels..	13,078	11,510	9,435	4,718	12,478	2,704	10,968	8,769	2,526
78	Pears.....	acres..	301	345	74	277	304	107	2,404	324	201
79	Plums and prunes.....	bushels..	1,187	997	407	1,076	785	658	5,083	776	478
80	Cherries.....	bushels..	1,032	874	172	706	241	203	3,210	290	290
81	Other fruits.....	acres..	1,559	845	153	314	330	288	1,568	355	226
82	Grapes.....	acres..	4,200	1,513	755	1,959	870	1,653	8,294	570	759
83	Other fruits.....	bushels..	2,062	676	271	1,272	208	481	3,773	231	145
84	Grapes.....	acres..	979	8,500	128	1,064	612	236	1,774	548	4,195
85	Other fruits.....	acres..	7,023	40,970	1,581	3,145	2,335	1,605	12,480	1,920	3,086
86	Other fruits.....	pounds..	69,800	185,312	19,494	21,484	28,048	18,516	158,070	27,277	31,247

AGRICULTURE—MARYLAND.

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COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919.

	THE STATE.	Allegany.	Anne Arundel.	Baltimore.	Baltimore city.	Calvert.	Caroline.	Carroll.
MORTGAGE DEBT REPORTS: 1920.								
For all farms operated by owners:								
Number free from mortgage debt.....	19,292	510	850	1,659	132	648	604	1,620
Number with mortgage debt.....	11,339	243	407	1,029	42	33	654	976
Number with no mortgage report.....	2,174	33	97	25	39	41	107	23
For farms consisting of owned land only:								
Number of farms reporting amount of debt.....	10,407	224	378	939	35	79	604	920
Value of land and buildings.....dollars..	75,082,413	1,319,243	2,545,190	7,204,100	558,900	313,609	3,242,530	5,743,159
Amount of mortgage debt.....dollars..	27,481,197	442,847	754,531	2,828,869	173,300	102,201	1,372,839	2,122,668
Ratio of debt to value.....per cent..	36.6	33.6	29.6	39.3	31.0	32.6	42.3	37.0
Average rate of interest paid.....per cent..	5.6	5.7	5.9	5.7	5.9	6.0	5.9	5.0
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.								
Labor:								
Farms reporting.....number..	29,123	539	1,061	2,413	280	407	969	2,823
Total expenditure.....dollars..	16,721,294	238,734	824,748	2,013,378	321,622	108,998	413,290	1,078,771
Amount in cash.....dollars..	12,915,060	200,268	694,399	1,660,051	251,654	82,221	340,882	824,037
Value of rent and board furnished.....dollars..	3,806,234	38,466	130,349	344,327	69,968	26,777	72,408	254,734
Fertilizer:								
Farms reporting.....number..	39,270	544	1,377	3,104	203	831	1,656	3,298
Amount expended.....dollars..	7,610,478	71,739	413,888	722,155	39,226	69,478	276,931	456,247
Feed:								
Farms reporting.....number..	33,353	674	1,354	3,025	261	503	1,211	3,246
Amount expended.....dollars..	8,044,715	197,146	378,571	1,032,813	207,687	35,020	198,119	1,060,571

	Cecil.	Charles.	Dorchester.	Frederick.	Garrett.	Harford.	Howard.	Kent.
MORTGAGE DEBT REPORTS: 1920.								
For all farms operated by owners:								
Number free from mortgage debt.....	522	908	575	1,652	1,029	1,012	558	257
Number with mortgage debt.....	446	237	433	903	531	900	425	185
Number with no mortgage report.....	116	61	172	95	88	27	28	9
For farms consisting of owned land only:								
Number of farms reporting amount of debt.....	409	219	401	848	497	835	403	175
Value of land and buildings.....dollars..	2,489,365	1,218,310	3,126,190	6,530,319	2,117,530	6,460,301	3,440,766	2,114,315
Amount of mortgage debt.....dollars..	893,030	335,991	1,802,264	2,637,376	679,973	2,080,279	1,239,996	982,077
Ratio of debt to value.....per cent..	35.2	27.6	41.7	40.4	32.1	31.9	36.0	46.4
Average rate of interest paid.....per cent..	5.5	5.0	6.0	5.6	5.4	5.8	5.7	5.8
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.								
Labor:								
Farms reporting.....number..	1,139	736	1,101	2,852	745	1,575	933	778
Total expenditure.....dollars..	775,575	210,299	461,750	1,613,023	187,700	885,059	663,037	962,613
Amount in cash.....dollars..	560,043	140,839	368,615	1,147,760	148,492	656,061	402,752	674,209
Value of rent and board furnished.....dollars..	215,532	69,410	92,935	465,267	39,208	228,998	170,335	288,404
Fertilizer:								
Farms reporting.....number..	1,427	1,409	1,776	3,240	1,298	2,152	1,103	881
Amount expended.....dollars..	298,129	134,904	356,636	417,504	95,104	506,508	263,342	293,511
Feed:								
Farms reporting.....number..	1,404	1,006	1,144	3,258	826	1,735	942	702
Amount expended.....dollars..	390,529	101,397	114,346	906,093	97,579	480,111	227,385	223,713

	Montgomery.	Prince Georges.	Queen Annes.	St. Marys.	Somerset.	Talbot.	Washington.	Wicomico.	Worcester.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	379	1,038	283	668	863	280	907	1,055	783
Number with mortgage debt.....	621	423	248	236	453	323	532	527	427
Number with no mortgage report.....	99	68	72	141	112	61	131	224	306
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	552	379	240	227	398	279	552	437	377
Value of land and buildings.....dollars..	6,817,180	2,692,843	2,052,802	1,056,150	2,577,680	3,094,350	4,599,680	1,781,816	1,986,625
Amount of mortgage debt.....dollars..	2,153,328	903,546	943,027	342,806	869,983	1,273,346	1,660,801	607,887	798,492
Ratio of debt to value.....per cent..	31.6	33.6	45.9	32.5	33.8	41.2	36.1	34.1	40.2
Average rate of interest paid.....per cent..	5.4	5.9	6.8	5.0	5.0	5.6	5.2	6.0	5.9
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting.....number..	1,543	1,210	1,062	1,003	1,003	923	1,864	1,075	1,079
Total expenditure.....dollars..	1,291,768	741,757	772,829	308,002	274,959	802,262	1,064,135	322,923	384,012
Amount in cash.....dollars..	976,761	595,617	610,777	241,285	263,034	554,804	849,070	308,318	363,249
Value of rent and board furnished.....dollars..	315,007	146,140	262,052	66,717	11,925	247,458	214,459	14,605	20,763
Fertilizer:									
Farms reporting.....number..	1,827	1,576	1,242	1,539	1,493	1,049	2,078	2,124	2,073
Amount expended.....dollars..	462,572	211,871	292,680	170,227	345,213	248,293	289,104	515,849	650,387
Feed:									
Farms reporting.....number..	1,645	1,509	887	955	1,151	728	2,162	1,647	1,378
Amount expended.....dollars..	554,038	464,021	193,855	86,661	151,261	126,763	438,930	184,855	187,451

FOURTEENTH CENSUS OF THE UNITED STATES: 1920

DEPARTMENT
OF COMMERCE

BULLETIN

BUREAU OF THE CENSUS
SAM. L. ROGERS, DIRECTOR

AGRICULTURE : MASSACHUSETTS

STATISTICS FOR THE STATE AND ITS COUNTIES

Prepared under the supervision of WILLIAM LANE AUSTIN, Chief Statistician for Agriculture

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INTRODUCTION.

This bulletin presents a statement of the statistics of agriculture for Massachusetts collected at the census of 1920. The statistics of farms and farm property, including live stock, relate to January 1, 1920; those of live-stock products, crops, and farm expenditures are for the calendar year 1919. In order to show the

present tendency in agriculture, comparative figures for the census of 1910 are given throughout the bulletin; and to show the general trend of the agricultural industry over a considerable period of time, all general farm information available is presented for the different censuses since 1850.

FARMS AND FARM PROPERTY.

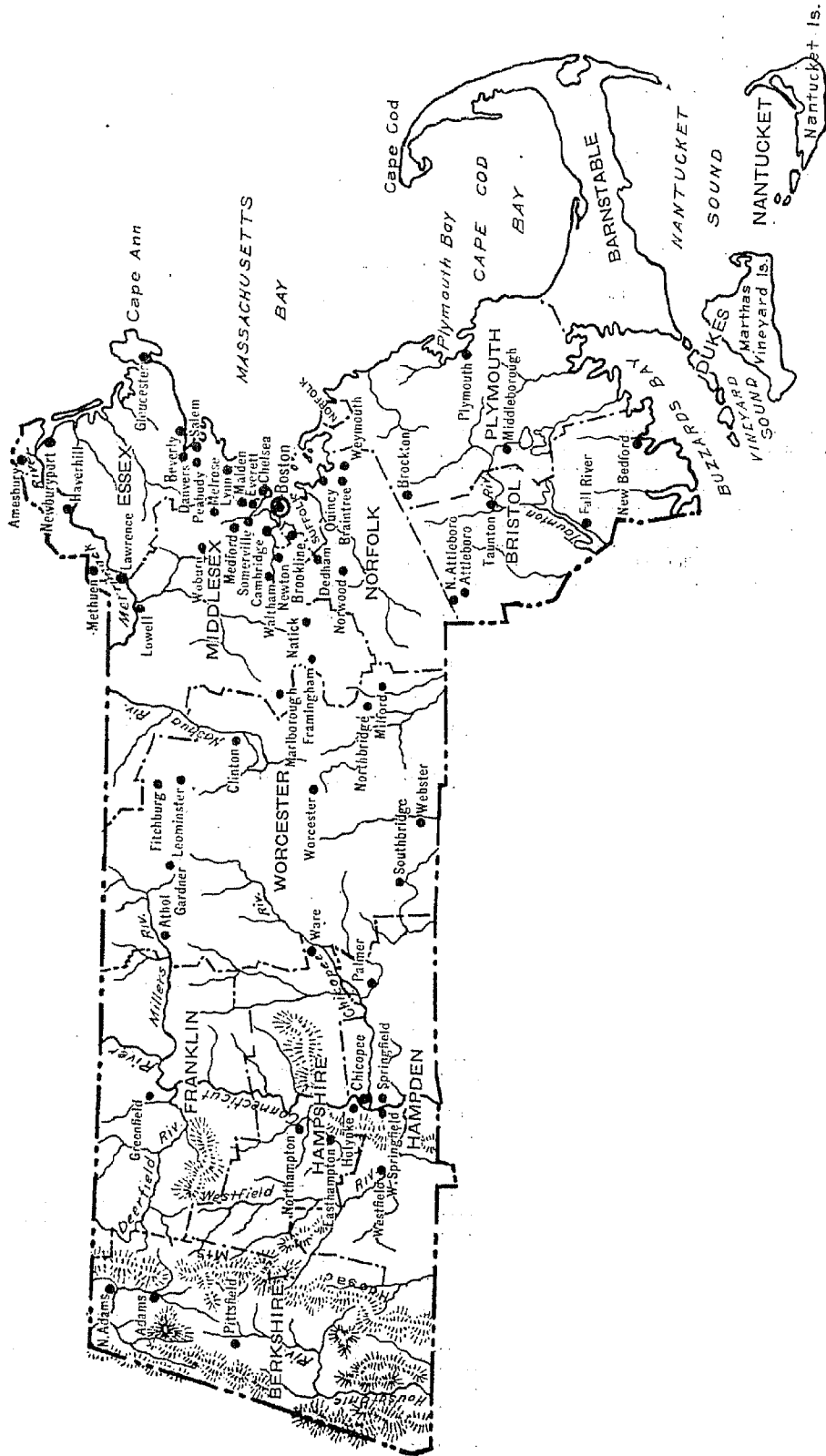
TABLE 1.—SUMMARY: 1920 AND 1910.

ITEM.	1920 (January 1)	1910 (April 15)	INCREASE. ¹	
			Amount.	Per cent.
Number of all farms.....	32,001	36,917	-4,916	-13.3
Approximate land area of the state..... acres.	5,144,960	5,144,960		
All land in farms..... acres.	2,494,477	2,875,941	-381,464	-13.3
Improved land in farms..... acres.	908,834	1,164,501	-255,667	-22.0
Woodland in farms..... acres.	1,030,336	1,064,553	-34,167	-3.2
Other unimproved land in farms..... acres.	555,257	646,887	-91,630	-14.2
Per cent of land area in farms.....	48.5	55.9		
Per cent of farm land improved.....	36.4	40.5		
Average acreage per farm.....	77.9	77.9		
Average improved acreage per farm.....	28.4	31.5	-3.1	
Value of all farm property.....	\$300,471,743	\$226,474,025	\$73,997,718	32.7
Land.....	127,653,607	105,532,616	22,120,991	21.0
Buildings.....	119,934,224	88,636,149	31,298,075	35.3
Implements and machinery.....	19,359,755	11,563,894	7,795,861	67.4
Live stock.....	33,524,157	20,741,366	12,782,791	61.6
Average value per farm:				
All farm property.....	9,389	6,135	3,254	53.0
Land.....	3,989	2,859	1,130	39.5
Buildings.....	3,748	2,401	1,347	56.1
Implements and machinery.....	605	313	292	93.3
Live stock.....	1,048	562	486	86.5

¹ A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.

MASSACHUSETTS

COUNTIES, PRINCIPAL CITIES, RIVERS, AND MOUNTAINS.



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EXPLANATION OF TERMS.

To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term, referring to the work of growing crops, producing other agricultural products, and raising domestic animals, poultry, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1919, or required for its agricultural operations the continuous services of at least one person.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operation of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, managers, and tenants. *Farm owners* include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "full owners" being then used for those owning all their land.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1920 in five classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter, for the use of the farm but furnish their own farm equipment and animals; (2) *croppers*—share tenants who do not furnish their work animals; (3) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part; (4) *cash tenants*—those who pay a cash rental, as \$7 per acre of crop land or \$500 for the use of the whole farm; (5) *standing renters*—those who pay a stated amount of farm products for the use of the farm, as 3 bales of cotton or 500 bushels of corn. In some cases the character of the tenancy was not ascertained by the enumerator; such tenants are designated "unspecified."

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) other unimproved land.

Improved land includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest.

The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics, therefore, must be considered at best only a close approximation.

NUMBER OF FARMS, ACREAGE, AND VALUE.

TABLE 2.—NUMBER OF FARMS AND FARM ACREAGE: 1850 TO 1920.

GENSUS YEAR.	FARMS.		LAND IN FARMS.				Per cent of land area in farms.	Per cent of farm land im- proved.
	Number.	Per cent of in- crease. ¹	All land.		Improved land.			
			Acres.	Per cent of in- crease. ¹	Acres.	Per cent of in- crease. ¹		
1920.....	32,001	-13.3	2,494,477	-13.3	908,834	-22.0	48.5	36.4
1910.....	36,917	-2.1	2,875,941	-8.6	1,164,501	-9.9	55.9	40.5
1900.....	37,715	9.7	3,147,064	5.0	1,292,132	-22.0	61.2	41.1
1890.....	34,374	-10.5	2,998,282	-10.7	1,657,024	-22.1	58.3	55.5
1880.....	38,406	44.9	3,359,079	23.0	2,128,311	22.6	65.3	63.4
1870.....	26,500	-25.6	2,730,283	-18.2	1,736,221	-19.5	53.1	63.6
1860.....	35,601	4.5	3,338,724	-0.5	2,155,612	1.0	64.0	64.6
1850.....	34,969	.....	3,356,012	.....	2,133,436	.....	65.2	63.6

¹ A minus sign (—) denotes decrease.

TABLE 3.—VALUE OF FARM PROPERTY: 1850 TO 1920.

CENSUS YEAR.	ALL FARM PROPERTY.		LAND AND BUILDINGS.		IMPLEMENTS AND MACHINERY.		LIVE STOCK.	
	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase.	Value.	Per cent of increase. ¹
1920.....	\$300,471,743	32.7	\$247,587,831	27.5	\$19,359,755	67.4	\$33,524,157	61.6
1910.....	220,474,025	24.0	194,168,765	22.9	11,563,894	31.0	20,741,366	31.3
1900.....	182,049,704	23.7	158,019,290	23.9	8,828,950	48.7	15,798,464	11.3
1890.....	147,677,402	-10.1	127,538,284	-12.8	5,938,940	15.7	14,200,178	9.6
1880.....	164,283,956	48.3	140,197,415	57.0	5,134,537	28.3	12,957,004	-5.0
1870.....	110,786,313	-20.8	93,146,227	-24.4	4,000,703	2.7	13,639,383	7.1
1860.....	139,888,090	14.7	123,255,948	13.0	3,894,998	21.4	12,737,744	32.0
1850.....	121,933,641	.....	100,076,847	.....	3,209,584	.....	9,647,710	.....

¹ A minus sign (—) denotes decrease.

² Computed gold values, being 80 per cent of the currency values reported.

TABLE 4.—AVERAGE ACREAGE AND AVERAGE VALUE PER FARM: 1850 TO 1920.

[Averages are based on "all farms" in the state.]

CENSUS YEAR.	AVERAGE ACREAGE PER FARM.		AVERAGE VALUE PER FARM.			
	All land.	Improved land.	All farm property.	Land and buildings.	Implements and machinery.	Live stock.
1920.....	77.9	28.4	\$9,339	\$7,737	\$605	\$1,048
1910.....	77.9	31.5	6,135	5,260	313	862
1900.....	83.4	34.3	4,843	4,190	234	419
1890.....	87.2	48.2	4,296	3,710	173	413
1880.....	87.5	55.4	4,278	3,807	134	337
1870.....	103.0	65.5	4,181	3,515	151	615
1860.....	93.8	60.5	3,929	3,462	109	358
1850.....	98.5	62.6	3,579	3,202	94	283

¹ Computed gold values, being 80 per cent of the currency values reported.

TABLE 5.—AVERAGE VALUE PER ACRE: 1850 TO 1920.

[Averages are based on "all land in farms" in the state.]

CENSUS YEAR.	All farm property.	Land and buildings.	Land alone.	Buildings alone.	Implements and machinery.	Live stock.
1920.....	\$120.45	\$99.25	\$51.17	\$48.08	\$7.70	\$13.44
1910.....	78.75	67.51	36.69	30.82	4.02	7.21
1900.....	58.04	50.21	27.62	22.59	2.81	5.02
1890.....	49.25	42.54	.....	.....	1.98	4.74
1880.....	48.91	43.52	.....	.....	1.53	3.86
1870.....	40.68	34.12	.....	.....	1.47	5.00
1860.....	41.90	36.92	.....	.....	1.17	3.82
1850.....	36.33	32.50	.....	.....	0.96	2.87

¹ Computed gold values, being 80 per cent of the currency values reported.

AGRICULTURE—MASSACHUSETTS.

FARMS BY SIZE.

TABLE 6.—NUMBER OF FARMS, BY SIZE: 1920 AND 1910.

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	32,001	36,917	-4,916	-13.3	100.0	100.0
Under 20 acres.....	9,505	10,606	-1,101	-10.4	29.7	28.7
Under 5 acres.....	872	823	49	4.7	2.7	2.3
5 to 9 acres.....	4,388	4,817	-429	-8.9	13.7	13.0
10 to 19 acres.....	4,245	4,966	-711	-14.3	13.3	13.4
20 to 49 acres.....	7,532	8,800	-1,268	-15.3	23.5	24.1
50 to 99 acres.....	6,834	7,981	-1,147	-14.4	21.4	21.6
100 to 174 acres.....	4,888	5,703	-815	-14.3	15.3	15.4
175 to 499 acres.....	2,895	3,325	-430	-12.9	9.0	9.0
175 to 259 acres.....	1,840	2,147	-307	-14.3	5.7	5.8
260 to 499 acres.....	1,055	1,178	-123	-10.4	3.3	3.2
500 to 999 acres.....	265	319	-54	-16.9	0.8	0.9
1,000 acres and over.....	82	93	-11	.....	0.3	0.3

¹ A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.

TABLE 7.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY SIZE: 1880 TO 1920.

SIZE GROUP.	1920	1910	1900	1890	1880
Total number of farms.....	32,001	36,917	37,715	34,374	38,406
Under 10 acres.....	5,200	5,650	4,565	2,410	2,451
10 to 19 acres.....	4,245	4,956	4,324	3,021	3,855
20 to 49 acres.....	7,532	8,800	8,875	8,457	9,632
50 to 99 acres.....	6,834	7,981	8,910	8,634	10,587
100 to 499 acres.....	7,783	9,028	10,627	10,648	11,588
500 to 999 acres.....	265	319	339	256	243
1,000 acres and over.....	82	93	75	48	40
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	16.4	15.3	12.1	7.0	6.4
10 to 19 acres.....	13.3	13.4	11.5	10.5	10.1
20 to 49 acres.....	23.5	24.1	23.5	24.6	25.1
50 to 99 acres.....	21.4	21.6	23.6	26.0	27.6
100 to 499 acres.....	24.3	24.5	28.2	31.0	30.2
500 to 999 acres.....	0.8	0.9	0.9	0.7	0.6
1,000 acres and over.....	0.3	0.3	0.2	0.1	0.1

TABLE 8.—FARM ACREAGE AND VALUE, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	2,494,477	2,875,941	908,834	1,164,501	\$247,587,831	\$194,168,765
Under 20.....	84,533	96,041	50,044	69,869	47,229,906	39,272,556
20 to 49.....	242,406	287,509	124,838	156,002	45,327,151	36,665,199
50 to 99.....	474,580	554,699	202,486	252,447	50,631,464	40,939,114
100 to 174.....	618,820	721,710	227,593	290,707	44,674,543	34,863,149
175 to 499.....	733,372	840,139	226,702	278,531	42,451,799	32,088,128
500 to 999.....	168,420	197,218	38,719	47,817	9,549,210	6,375,095
1,000 and over.....	172,086	178,625	29,452	68,228	7,723,758	3,955,524

TABLE 9.—PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910
Total.....	38.4	40.5	\$7,787	\$5,260	\$89.25	\$67.51
Under 20 acres.....	69.8	72.8	4,569	3,703	558.72	408.91
20 to 49 acres.....	51.5	54.6	6,018	4,124	186.94	127.53
50 to 99 acres.....	42.7	45.5	7,409	5,150	106.69	73.80
100 to 174 acres.....	36.8	40.3	9,140	6,113	72.19	48.31
175 to 499 acres.....	30.9	33.2	14,664	9,634	57.87	38.21
500 to 999 acres.....	23.0	24.2	36,035	19,985	50.70	32.33
1,000 acres and over.....	17.1	38.2	94,192	42,533	44.88	22.14

FARMS BY TENURE.

TABLE 10.—NUMBER OF FARMS, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	32,001	36,917	-4,916	-13.3	100.0	100.0
Owners.....	28,087	32,075	-3,988	-12.4	87.8	86.9
Owning entire farm.....	26,515	30,705	-4,190	-13.6	82.9	83.2
Hiring additional land.....	1,572	1,370	202	14.7	4.9	3.7
Managers.....	1,627	1,863	-236	-12.7	5.1	5.0
Tenants.....	2,287	2,979	-692	-23.2	7.1	8.1
Share tenants.....	330	214	116	54.2	1.0	0.6
Share-cash tenants.....	23	43	-20	.....	0.1	0.1
Cash tenants.....	1,766	2,115	-349	-16.5	5.5	5.4
Unspecified.....	168	607	-439	-72.3	0.5	1.6

¹ A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.

TABLE 11.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY TENURE: 1880 TO 1920.

TENURE.	1920	1910	1900	1890	1880
Total number of farms.....	32,001	36,917	37,715	34,374	38,406
Farms operated by owners.....	28,087	32,075	32,581	31,177	35,286
Owning entire farm.....	26,515	30,705	31,002	(2)	(2)
Hiring additional land.....	1,572	1,370	1,579	(2)	(2)
Farms operated by managers.....	1,627	1,863	1,531	(3)	(3)
Farms operated by tenants.....	2,287	2,979	3,603	3,197	3,140
Share tenants.....	330	214	482	803	848
Share-cash tenants.....	23	43	.....	.....	.....
Cash tenants.....	1,766	2,115	3,121	2,304	2,292
Unspecified.....	168	607	.....	.....	.....
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Operated by owners.....	87.8	86.9	86.4	90.7	91.8
Owning entire farm.....	82.9	83.2	82.2	(3)	(2)
Hiring additional land.....	4.9	3.7	4.2	(3)	(2)
Operated by managers.....	5.1	5.0	4.1	(3)	(3)
Operated by tenants.....	7.1	8.1	9.6	9.3	8.2
Share and share-cash.....	1.1	0.7	1.3	2.6	2.2
Cash and unspecified.....	6.0	7.4	8.3	6.7	6.0

¹ Includes farms operated by managers.

² Not reported separately.

³ Included with farms operated by owners.

TABLE 12.—FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	2,494,477	2,875,941	908,834	1,164,501	\$247,587,831	\$194,168,765
Owners.....	2,021,920	2,343,103	744,523	931,621	182,008,530	144,241,398
Managers.....	313,095	330,914	104,650	150,206	60,988,024	36,745,990
Tenants.....	159,462	201,924	59,661	82,674	14,501,277	13,181,377

TABLE 13.—PER CENT DISTRIBUTION OF FARMS AND OF FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	87.8	86.9	81.1	81.5	81.9	80.0	73.6	74.3
Managers.....	5.1	5.0	12.6	11.5	11.5	12.9	20.6	18.9
Tenants.....	7.1	8.1	6.4	7.0	6.6	7.1	5.9	6.8

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TABLE 14.—AVERAGE ACREAGE, PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY TENURE: 1920 AND 1910.

TENURE.	AVERAGE ACREAGE PER FARM.				PER CENT OF FARM LAND IM- PROVED.	AVERAGE VALUE OF LAND AND BUILDINGS.				
	All land.		Improved land.			Per farm.		Per acre.		
	1920	1910	1920	1910		1920	1910	1920	1910	
Total.....	77.9	77.9	28.4	31.5	36.4	40.5	\$7,737	\$5,260	\$99.25	\$67.51
Owners.....	72.0	73.1	26.5	29.0	36.8	39.8	6,483	4,497	90.06	61.55
Managers.....	192.4	177.6	64.3	80.6	33.4	45.4	31,339	19,724	182.85	111.04
Tenants.....	60.7	67.8	26.1	27.8	37.4	40.9	6,341	4,422	90.94	65.28

FARMS BY SEX, RACE, AND NATIVITY OF FARMER.

TABLE 15.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY SEX AND TENURE OF FARMER: 1920.

SEX AND TENURE.	Number of farms.	All land in farms (acres).	Improved land in farms (acres).	Value of land and buildings.	AVERAGE PER FARM.		
					All land (acres).	Improved land (acres).	Value of land and buildings.
Total.....	32,001	2,494,477	908,834	\$247,587,831	77.9	28.4	\$7,737
Male.....	30,026	2,376,233	864,452	235,500,822	79.1	28.8	7,843
Female.....	1,975	118,244	44,382	12,087,009	59.9	22.5	6,120
Owners.....	28,087	2,021,920	744,523	182,098,530	72.0	26.5	6,483
Male.....	20,205	1,909,751	702,220	170,500,846	72.9	26.8	6,509
Female.....	1,882	112,169	42,294	11,597,684	59.6	22.5	6,131
Managers.....	1,627	313,095	104,650	50,988,024	192.4	64.3	31,339
Male.....	1,618	311,730	104,203	50,848,874	192.7	64.4	31,427
Female.....	9	1,365	447	139,150	151.7	43.0	15,401
Tenants.....	2,287	159,462	59,661	14,501,277	69.7	26.1	6,341
Male.....	2,203	154,752	57,960	14,091,302	70.2	26.3	6,396
Female.....	84	4,710	1,701	409,975	56.1	20.8	4,881

TABLE 16.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY NATIVITY OF WHITE FARMERS AND BY RACE OF COLORED FARMERS: 1920 AND 1910.

COLOR AND NATIVITY OR RACE.	NUMBER OF FARMS.		LAND IN FARMS, 1920 (ACRES).		Value of land and buildings, 1920
	1920	1910	Total.	Im- proved.	
All farmers.....	32,001	36,917	2,494,477	908,834	\$247,587,831
White farmers.....	31,880	36,793	2,488,887	906,399	247,214,036
Native ¹	22,950	28,431	1,908,970	701,343	182,610,375
Foreign-born.....	8,930	8,362	519,917	205,056	64,603,661
Country of birth:					
Austria.....	352	255	19,951	7,642	1,602,150
Canada.....	2,076	2,277	124,652	52,612	13,878,557
England.....	740	994	49,066	15,967	9,881,427
Finland.....	434	(?)	26,202	8,501	1,462,740
Germany.....	380	508	25,076	8,916	2,894,780
Ireland.....	796	1,572	46,303	20,529	8,330,621
Italy.....	687	195	30,000	13,664	4,169,600
Poland.....	537	203	30,875	11,293	2,587,330
Portugal.....	368	(?)	15,517	6,290	1,862,600
Russia.....	628	421	42,293	15,427	3,458,323
Scotland.....	221	231	17,748	7,571	4,425,650
Sweden.....	577	520	30,750	11,494	3,612,395
Other countries.....	1,114	1,006	61,424	25,250	6,931,470
Colored farmers.....	121	124	5,590	2,435	373,795
Negro.....	103	103	4,815	2,270	345,800
Indian.....	18	21	775	165	27,995

¹ Includes farmers with country of birth not reported, as follows: For 1920, 563; for 1910, 321.

² Included with "other countries."

TABLE 17.—NUMBER OF FARMERS, CLASSIFIED BY TENURE, COLOR, AND NATIVITY: 1920 AND 1910.

TENURE.	ALL FARMERS.		NATIVE WHITE. ¹		FOREIGN-BORN WHITE.		COLORED.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	32,001	36,917	22,950	28,431	8,930	8,362	121	124
Owners.....	28,087	32,075	20,157	24,857	7,823	7,109	107	109
Managers.....	1,627	1,863	1,191	1,401	429	458	7	4
Tenants.....	2,287	2,979	1,602	2,173	678	795	7	11

¹ Includes farmers with country of birth not reported.

FARM MORTGAGES.

TABLE 18.—MORTGAGED FARMS: 1920 AND 1910.
[Owned farms only; includes all farms owned in whole or in part by the operator.]

CLASS.	NUMBER OF OWNED FARMS.		INCREASE. ¹		PER CENT OF TOTAL. ²	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	28,087	32,075	-3,988	-12.4	100.0	100.0
Free from mortgage.....	14,055	18,768	-4,713	-25.1	52.7	59.1
Mortgaged.....	12,632	13,014	-382	-2.9	47.3	40.9
Unknown.....	1,400	293	1,107	377.8		

¹ A minus sign (—) denotes decrease. The comparative figures shown for farms free from mortgage and mortgaged are affected somewhat by the fact that more farms were tabulated as "unknown" in 1920 than in 1910.

² Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 19.—MORTGAGED FARMS (OR FARM HOMES): 1890 TO 1920.

CLASS.	OWNED FARMS.		OWNED FARM HOMES.		PER CENT OF TOTAL. ¹			
	1920	1910	1900	1890	1920	1910	1900	1890
Total.....	28,087	32,075	31,587	29,370	100.0	100.0	100.0	100.0
Free from mortgage.....	14,055	18,768	18,971	20,425	52.7	59.1	61.4	69.5
Mortgaged.....	12,632	13,014	11,941	8,945	47.3	40.9	38.6	30.5
Unknown.....	1,400	293	675					

¹ Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 20.—MORTGAGE DEBT: 1920 AND 1910.

ITEM.	OWNED FARMS MORTGAGED. ¹		INCREASE. ²	
	1920	1910	Amount.	Per cent.
Number of farms reporting amount of debt.....	11,663	12,030	-367	-3.1
Value of land and buildings.....	\$70,745,237	\$40,742,395	\$21,002,841	42.2
Amount of mortgage debt.....	\$23,412,188	\$16,371,484	\$7,040,704	43.0
Ratio of debt to value, per cent.....	33.1	32.9		
Average rate of interest paid, per cent.....	5.7			
Average value per farm.....	\$6,066	\$4,135	\$1,931	46.7
Average debt per farm.....	\$2,007	\$1,391	\$648	47.5
Average equity per farm.....	\$4,058	\$2,744	\$1,284	46.3

¹ Includes only farms consisting wholly of owned land and reporting amount of debt. In considering the comparative figures it should be borne in mind that the mortgage debt may have been more completely reported at one census than at the other.

² A minus sign (—) denotes decrease.

FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED.

TABLE 21.—FARMS REPORTING EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	NUMBER OF FARMS REPORTING.		INCREASE. ¹		PER CENT OF ALL FARMS.	
	1919	1909	Number.	Per cent.	1919	1909
Labor.....	18,322	26,758	-8,436	-31.5	57.3	72.5
Fertilizer.....	10,992	21,089	-4,697	-21.7	53.1	58.8
Feed.....	27,853	30,500	-2,647	-8.7	87.0	82.6

¹ A minus sign (—) denotes decrease.

TABLE 22.—AMOUNT OF EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	AMOUNT EXPENDED.		INCREASE.	
	1919	1909	Amount.	Per cent.
Labor, total.....	\$16,577,123	\$12,101,959	\$4,475,164	37.0
Amount in cash.....	13,929,305	9,906,209	4,023,096	40.6
Value of rent and board furnished.....	2,647,818	2,195,750	452,068	20.6
Fertilizer.....	3,905,733	1,965,682	1,941,051	98.7
Feed.....	20,272,851	10,878,178	9,394,673	86.4

LIVE STOCK ON FARMS AND ELSEWHERE.

(DOMESTIC ANIMALS, POULTRY, AND BEES.)

Domestic animals: 1920 and 1910.—The census of 1920 was taken as of January 1 and that of 1910 as of April 15. Since a great many domestic animals are born during the period between January 1 and April 15 and, on the other hand, a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not fully comparable. In addition to the change in the date of enumeration, there have been certain changes in the age and sex classifications. The 1910 figures presented in this bulletin are therefore restricted to those classes of domestic animals which are least affected by these changes and for which the figures are fairly comparable with the 1920 returns.

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

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

In states where cattle are raised extensively for beef production the result of this new classification will be to reduce materially the proportion of cows classified as dairy cows, and even in states having few strictly beef cattle the 1920 classification may be expected to give a somewhat smaller proportion of dairy cows than the 1910 classification.

In Massachusetts the number of "dairy cows," including heifers 1 year old and over, reported for January 1, 1920, was 173,844, as compared with 171,936 "cows kept for milk" reported for April 15, 1910. This represents an increase of 1,908, or 1.1 per cent. The number of "beef cows" reported for

January 1, 1920, was 5,850, as compared with 20,100 "cows not kept for milk" reported for April 15, 1910, representing a decrease of 14,250, or 70.9 per cent.

Farms reporting domestic animals: 1910.—Horses were reported by 28,173 farms in Massachusetts in 1910, mules by 155 farms, cattle by 27,532, sheep by 1,028, and swine by 11,005. In comparing these figures with the 1920 figures given in the table below, due allowance should be made for the fact that the total number of farms in Massachusetts decreased from 36,917 in 1910 to 32,001 in 1920.

TABLE 23.—DOMESTIC ANIMALS ON FARMS: 1920.

CLASS.	FARMS REPORTING.		ANIMALS.		
	Num-ber.	Per- cent of all farms.	Num-ber.	Value.	Aver- age value.
Total	27,508	86.0		\$30,512,291	
Horses, total	23,671	74.6	50,605	7,771,029	\$153.56
Colts under 1 year of age.....	629	2.0	1,111	128,138	115.34
Colts 1 year old and under 2 years.....	391	1.2	529	66,688	126.06
Mares 2 years old and over.....	10,140	31.7	14,980	2,177,063	145.37
Geldings 2 years old and over.....	18,346	57.3	33,461	5,255,936	157.08
Stallions 2 years old and over.....	366	1.1	524	142,604	272.15
Mules, total	177	0.6	332	44,851	133.29
Mule colts under 1 year of age.....	5	(¹)	6	475	79.17
Mule colts 1 year old and under 2 years.....	11	(¹)	16	2,125	132.81
Mules 2 years old and over.....	169	0.5	310	41,661	134.36
Asses and burros	40	0.1	52	4,270	82.12
Cattle, total	23,900	74.7	216,099	20,093,098	92.98
Beef cattle, total	2,185	6.8	10,089	760,228	75.35
Calves under 1 year of age.....	657	2.1	1,823	57,936	31.78
Heifers 1 year old and under 2 years.....	474	1.5	1,317	71,508	54.30
Cows and heifers 2 years old and over.....	1,039	3.2	4,533	414,216	91.38
Stoers 1 year old and under 2 years.....	296	0.9	760	44,836	58.99
Stoers 2 years old and over.....	443	1.4	1,242	137,575	110.77
Bulls 1 year old and over.....	325	1.0	414	34,157	82.50
Dairy cattle, total	23,224	72.6	206,010	19,332,870	93.84
Calves under 1 year of age.....	10,081	31.3	20,618	962,572	36.16
Heifers 1 year old and under 2 years.....	10,249	32.0	26,513	1,600,150	60.35
Cows and heifers 2 years old and over.....	23,551	70.5	147,331	15,093,976	108.56
Bulls 1 year old and over.....	4,531	14.2	5,548	776,172	139.90
Sheep, total	939	2.9	18,880	237,023	12.55
Lambs under 1 year of age.....	595	1.9	4,748	43,270	9.11
Ewes 1 year old and over.....	787	2.5	11,806	104,755	13.85
Rams 1 year old and over.....	460	1.4	602	17,703	25.58
Wethers 1 year old and over.....	74	0.2	1,544	11,295	7.32
Goats, total	271	0.8	1,296	23,566	18.14
Kids under 1 year of age, raised for fleeces.....	6	(¹)	38	618	16.26
Goats 1 year old and over, raised for fleeces.....	15	(¹)	149	2,680	17.99
All other goats.....	257	0.8	1,109	20,268	18.22
Swine, total	15,489	48.4	104,192	2,339,114	22.45
Pigs under 6 months old.....	8,561	26.8	53,757	604,367	11.24
Sows and gilts for breeding, 6 months old and over.....	4,509	14.1	17,742	696,939	39.28
Bears for breeding, 6 months old and over.....	1,457	4.6	2,042	106,707	52.26
All other hogs, 6 months old and over.....	7,739	24.2	30,651	931,101	30.38

¹ Less than one-tenth of 1 per cent.

TABLE 24.—POULTRY AND BEES ON FARMS: 1920 AND 1910.

ITEM.	FARMS REPORTING, 1920.		NUMBER REPORTED. ¹		Value, 1920	Average value, 1920
	Number.	Per cent of all farms.	1920 (Jan. 1)	1910 (Apr. 15)		
Poultry, total.....	25,650	80.2	1,517,477	1,798,380	\$2,951,001	\$1.94
Chickens.....	25,425	79.5	1,455,193	1,709,934	2,823,802	1.04
Turkeys.....	747	2.3	4,808	2,045	24,858	5.17
Ducks.....	1,729	5.4	30,478	23,153	66,726	1.83
Geese.....	1,014	3.2	4,896	12,313	21,292	4.35
Guinea fowls.....	657	2.1	3,717	4,446	4,727	1.27
Pigeons.....	537	1.7	12,385	44,830	9,596	0.77
Hives of bees.....	1,341	4.2	6,573	7,464	60,865	9.26

¹ The numbers of the different classes of poultry are not strictly comparable for the two censuses, since a considerable number of fowls are killed between Jan. 1 and Apr. 15.

² Includes small numbers of peafowls and pheasants.

TABLE 25.—SELECTED CLASSES OF DOMESTIC ANIMALS ON FARMS: 1920 AND 1910.

CLASS.	NUMBER.		INCREASE. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	Number.	Per cent.
Horses:				
Total, excluding spring colts reported for 1910.....	50,605	64,100	-13,504	-21.1
Colts under 1 year old on Jan. 1 of census year.....	1,111	948	163	17.2
Horses 1 year old and over on Jan. 1 of census year.....	49,494	63,151	-13,657	-21.6
Mules:				
Total, excluding spring colts reported for 1910.....	332	264	68	25.8
Mule colts under 1 year old on Jan. 1 of census year.....	6	5	1	.....
Mules 1 year old and over on Jan. 1 of census year.....	326	259	67	25.9
Cattle:				
Total, excluding spring calves reported for 1910.....	216,099	226,845	-10,746	-4.7
Calves under 1 year old on Jan. 1 of census year.....	28,441	29,421	-980	-3.3
Cows and heifers 1 year old and over on Jan. 1 of census year.....	179,694	192,036	-12,342	-6.4
Steers and bulls 1 year old and over on Jan. 1 of census year.....	7,964	5,388	2,576	47.8
Sheep:				
Total, excluding spring lambs reported for 1910.....	18,880	22,609	-3,810	-16.8

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

TABLE 26.—DOMESTIC ANIMALS NOT ON FARMS: 1920 AND 1910.

CLASS.	INCLOSURES REPORTING.		ANIMALS.			
	1920 (Jan. 1)	1910 (Apr. 15)	Number.		Increase. ¹	Per cent.
			1920 (Jan. 1)	1910 (Apr. 15)		
Total.....	31,207	43,063				
Horses.....	17,573	37,659	50,775	115,186	-64,411	-55.9
Horses 1 year old and over on Jan. 1 of census year.....			50,000	114,944	-64,944	-56.5
Mules.....	152	112	534	271	263	97.0
Mules 1 year old and over on Jan. 1 of census year.....			507	269	238	88.5
Asses and burros.....	61	26	79	36	43	.....
Cattle.....	10,440	9,802	21,500	19,896	1,604	8.1
Cattle 1 year old and over on Jan. 1 of census year.....			19,548	17,022	2,526	14.8
Sheep.....	126	92	972	4,329	-3,357	-77.5
Goats.....	575	359	1,016	643	373	58.0
Swine.....	12,954	3,571	51,498	12,010	39,488	328.8

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

TABLE 27.—TOTAL NUMBER OF DOMESTIC ANIMALS: 1920.

CLASS.	Total.	On farms.	Not on farms.
Horses.....	101,380	50,605	50,775
Horses 2 years old and over.....	98,660	48,965	49,695
Mules.....	866	332	534
Mules 2 years old and over.....	785	310	475
Asses and burros.....	131	52	79
Cattle.....	237,599	216,099	21,500
Beef cattle.....	12,127	10,089	2,038
Dairy cattle.....	225,472	206,010	19,462
Dairy cows.....	162,752	147,391	15,421
Sheep.....	19,852	18,880	972
Goats.....	2,312	1,296	1,016
Swine.....	155,090	104,192	51,498

LIVE-STOCK PRODUCTS.

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

Dairy products.—It is difficult to secure reports of the total quantity of milk produced during a given year, especially from farmers who keep cows chiefly to supply milk and butter for family use. Since such farmers usually keep no records, they are able to make only rough estimates of the milk production and frequently underestimate the quantity of milk produced for home use. Many farmers, too, either because they are unwilling to make any estimates or for other reasons, fail to report their milk production, even though they report butter or other dairy products as well as dairy cows.

For several decades past the Bureau of the Census has made estimates for such incomplete reports, where the farmer reported "cows kept for milk," but failed to report the amount of milk produced, these estimates being based on the average production per cow as shown by the complete reports. Since farmers with first-class dairy herds and up-to-date methods are more likely to make complete reports than those with cows of a lower grade, the estimates obtained in this way have probably been somewhat above the actual production. With the new basis of classification for dairy cows in

use for 1920, however, as already noted, the estimates should be more satisfactory than heretofore, since milk will be estimated only for cows kept mainly for milk production.

In the table which follows, both the actual reported quantity of milk produced and the estimated total are given. The latter includes, in addition to the milk reported, an estimate of the amount of milk produced on farms which reported dairy cows but failed to report milk. A certain quantity of milk, on the other hand, was reported from farms which reported no dairy cows. This is included in the total and may represent either milk produced by beef cows milked a part of the year on farms having no dairy cows or milk produced on farms which kept dairy cows some time during the year 1919, but had none on January 1, 1920. It may be safely assumed that the returns for butter and cheese made on farms and for milk, cream, butter fat, and butter sold, are much more nearly complete than in the case of milk produced. Hence no estimates have been made for these items.

TABLE 28.—DAIRY COWS ON FARMS, 1920; AND DAIRY PRODUCTS, 1919 AND 1909.

ITEM.	FARMS REPORTING.		Number or quantity.	Unit.	Value.
	Number.	Per cent of all farms.			
Dairy cows on farms Jan. 1, 1920, total.....	22,551	70.5	147,331	Head	
On farms reporting milk produced.....	19,837	62.0	132,129	Head	
On farms not reporting milk produced.....	2,714	8.5	15,202	Head	
Average production of milk per dairy cow, 1919 ¹			504	Gals.	
Specified dairy products:					
Milk, as reported..... 1919.....			68,624,097	Gals.	
Total production of milk, including estimates, 1919.....			76,316,309	Gals.	
1909.....			99,438,336	Gals.	
Increase, 1909-1919 ²			14,122,027	Gals.	
Per cent of increase ²			-15.6		
Butter made..... 1919.....	7,361	23.0	2,019,291	Lbs.	\$1,561,218
1909.....	9,025	24.5	3,364,519	Lbs.	\$1,041,482
Cheese made..... 1919.....	314	1.0	60,796	Lbs.	\$24,709
1909.....	89	0.2	45,753	Lbs.	\$5,311
Milk sold..... 1919.....	14,681	45.9	55,678,858	Gals.	\$22,638,929
1909.....	15,703	42.5	61,498,692	Gals.	\$13,207,634
Cream sold..... 1919.....	991	3.1	319,918	Gals.	\$172,840
1909.....	965	2.5	301,876	Gals.	\$175,824
Butter fat sold..... 1919.....	629	2.0	306,551	Lbs.	\$308,820
1909.....	1,123	3.0	1,148,019	Lbs.	\$567,523
Butter sold..... 1919.....	3,858	10.5	1,282,837	Lbs.	\$799,048
1909.....	4,557	12.3	2,220,311	Lbs.	\$693,336
Value of milk, cream, and butter fat sold, and of butter and cheese made ³ 1919.....					\$24,765,522
1909.....					\$15,187,774
Increase, 1909-1919.....					\$9,577,748
Per cent of increase.....					63.1
Receipts from sale of dairy products ⁴ 1919.....					\$24,279,643
1909.....					\$14,843,927
Increase, 1909-1919.....					\$9,435,716
Per cent of increase.....					63.6

¹ Based on the 1919 milk production as reported for dairy cows, and the number of dairy cows on hand Jan. 1, 1920.

² A minus sign (—) denotes decrease.

³ This item represents the total farm value of dairy products, excluding milk and cream consumed as such on the farm where produced.

⁴ Figures for 1919 do not include "cheese sold," as that item was not reported or 1919. The value of cheese sold in 1909 was \$3,610.

TABLE 29.—SHEEP ON FARMS, 1920 AND 1910; GOATS ON FARMS, 1920; AND WOOL AND MOHAIR PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Number of sheep (or goats) on hand.	WOOL (OR MOHAIR) PRODUCED.		
			Number of animals shorn.	Weight (pounds).	Value.
Sheep on farms Jan. 1, 1920, total.....	930	18,880			
On farms reporting wool.....	621	16,745			
On farms not reporting wool.....	315	2,135			
Sheep of shearing age ¹ on farms Apr. 15, 1910.....	975	22,099			
Wool produced, as reported, total, 1919.....	652		14,429	81,133	\$51,008
On farms reporting sheep.....	624		13,997	78,301	\$49,359
On farms not reporting sheep.....	28		432	2,832	\$1,646
Total production of wool, including estimates..... 1919.....				88,358	\$55,666
1909.....				127,897	\$33,670
Increase, 1909-1919 ²				-39,539	\$21,996
Per cent of increase ²				-30.9	65.3
Goats raised for fleeces, on farms Jan. 1, 1920.....	15	187			
Mohair produced, as reported, total..... 1919.....	15		155	468	\$337
1909.....	35			695	\$509

¹ Sheep born before Jan. 1, 1910.

² A minus sign (—) denotes decrease.

TABLE 30.—CHICKENS (OR FOWLS) ON FARMS, 1920 AND 1910; AND POULTRY PRODUCTS, 1919 AND 1909.

[The products shown for 1919 include chicken eggs and chickens only, while the 1909 figures include the products of all kinds of poultry.]

ITEM.	FARMS REPORTING.		Number or quantity.	Value.
	Number.	Per cent of all farms.		
Chickens on farms Jan. 1, 1920, total.....	25,425	79.5	Number, 1,455,193	
On farms reporting eggs produced.....	21,814	68.2	1,314,671	
On farms reporting chickens raised.....	16,019	50.1	1,120,319	
Fowls on farms Apr. 15, 1910.....	28,154	76.3	1,798,380	
Eggs produced, as reported..... 1919.....	22,071	60.0	Dozens, 8,801,467	\$5,570,095
Total production of eggs, including estimates..... 1919.....			9,604,274	6,050,693
1909.....			14,145,240	4,280,445
Eggs sold, as reported..... 1919.....	15,244	47.6	6,022,238	3,827,098
1909.....	21,084	57.1	9,614,504	2,914,755
Chickens raised, as reported..... 1919.....	16,241	50.8	Number, 1,857,007	2,275,632
Total chickens raised, including estimates..... 1919.....			2,401,038	2,953,314
1909.....			3,212,339	2,411,078
Chickens sold, as reported..... 1919.....	9,893	30.9	996,275	1,218,653
1909.....	16,742	45.4	1,596,472	1,287,829

TABLE 31.—BEES ON FARMS, 1920 AND 1910; AND HONEY AND WAX PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Hives of bees.	PRODUCT.	
			Quantity (pounds).	Value.
Bees on farms Jan. 1, 1920, total.....	1,341	6,573		
On farms reporting honey.....	672	4,040		
On farms not reporting honey.....	669	2,533		
Bees on farms Apr. 15, 1910.....	1,597	7,494		
Honey produced..... 1919.....	678		70,769	\$24,770
1909.....	952		96,802	18,806
Wax produced..... 1919.....			1,312	590
1909.....			1,019	370

CROPS.

Summary: 1919 and 1909.—This section summarizes the census data relative to all of the farm crops of 1919 and 1909, except that it does not include nursery or greenhouse products or forest products of farms. Data for these items will be tabulated later.

In comparing one year with another it should be borne in mind that the acreage of crops (or the number

of fruit trees) and the number of farms reporting are on the whole a better index of the general changes or tendencies in agriculture than either the quantity or the value of the crops, since variations in quantity may be due mainly to favorable or unfavorable seasons, and variations in the value of the crops may result largely from changes in prices between one census year and the next.

TABLE 32.—SUMMARY FOR ALL CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.				ACRES HARVESTED.			PRODUCTION.							
	Number.		Per cent of all farms.		1919	1909	Per cent of increase. ¹	Quantity.				Value.			
	1919	1909	1919	1909				Unit.	1919	1909	Per cent of increase. ¹	1919	1909	Per cent of increase. ¹	
All crops.....					561,952	652,094	-13.8						\$53,700,925	\$26,191,705	105.0
With acreage reports.....													43,478,240	24,000,893	81.2
With no acreage reports.....													10,222,685	2,190,812	366.6
Cereals, total ²					45,361	65,287	-17.9	Bu....	1,921,607	2,402,738	-20.0		3,411,343	1,017,131	111.0
Corn.....	10,637	14,755	34.2	40.0	28,953	41,755	-30.7	Bu....	1,515,933	2,029,331	-25.3		2,880,274	1,372,144	109.9
Oats.....	2,214	2,181	6.9	5.9	9,533	7,927	20.3	Bu....	287,881	268,500	7.2		802,276	167,381	92.1
Wheat, total.....	703	81	2.2	0.2	1,376	109		Bu....	33,253	2,404			76,484	2,515	
Winter.....	456	55	1.4	0.1	1,094	73		Bu....	21,337	1,710			49,076	1,739	
Spring.....	246		0.8		782	36		Bu....	11,916	894			27,408	776	
Barley.....	260	197	0.8	0.5	509	349	45.8	Bu....	11,832	9,021	31.2		18,930	7,177	103.8
Rye.....	1,192	1,304	3.7	3.5	3,062	3,476	-11.9	Bu....	46,261	59,183	-21.8		87,896	52,396	67.8
Buckwheat.....	679	867	2.1	2.3	1,304	1,630	-20.0	Bu....	23,238	32,926	-29.4		40,068	24,678	64.8
Mixed crops ⁴	30		0.1		124			Bu....	3,209				4,815		
Other grains and seeds with acreage reports, total ⁵					1,180	488	142.8	Bu....	11,535	5,524	108.8		61,779	13,541	356.2
Dry edible beans.....	1,168	1,252	3.6	3.4	1,084	449	145.3	Bu....	10,087	4,979	114.6		58,244	12,382	370.4
Soy beans.....	71	1	0.2	(^c)	63	2		Bu....	573	58			2,292	162	
Dry peas.....	37	55	0.1	0.2	21	30		Bu....	215	480	-55.2		1,075	944	13.9
Peanuts.....	9	3	(^c)	(^c)	2	(^c)		Bu....	60	12			168	13	
Seeds with no acreage reports, total ⁶								Bu....	673	3,397	-80.0		8,488	4,454	90.1
Red clover seed.....	13		(^c)					Bu....	88				2,992		
Other clover and alfalfa seed.....	3		(^c)					Bu....	67	59			1,876	575	740.6
Timothy seed.....	22	20	0.1	0.1				Bu....	273	253	9.9		2,086	456	357.5
Other grass seed.....	14		(^c)					Bu....	194	117	65.8		1,104	262	344.3
Millet seed.....	4	8	(^c)	(^c)				Bu....	51	2,968	-98.3		230	2,870	-92.0
Hay and forage, total ⁷	26,978	33,569	84.3	90.9	466,330	519,580		Tons..	871,573	832,727			20,149,137	11,280,758	
All tame or cultivated grasses.....					331,692	457,212	-14.3	Tons..	499,076	572,477	-12.8		15,835,206	9,678,199	63.6
Timothy alone.....	7,399	9,945	23.1	26.0	78,407	100,802	-20.6	Tons..	112,817	153,622	-26.6		3,948,695	2,858,698	38.1
Timothy and clover mixed.....	12,719	14,302	39.7	38.7	159,212	185,821	-14.3	Tons..	221,970	240,317	-11.2		7,084,128	4,338,496	63.3
Clover alone.....	578	612	1.8	1.7	3,513	1,020	83.0	Tons..	5,403	8,145	-73.7		161,162	51,652	212.0
Alfalfa.....	392	96	1.2	0.3	1,133	232	401.3	Tons..	2,904	394	660.9		93,744	6,147	
Other tame grasses ¹⁰	8,509		26.8		149,597	102,437	-7.9	Tons..	156,813	165,099	-5.5		4,547,577	2,423,306	87.7
Wild, salt, or prairie grasses.....	1,403	2,976	4.4	8.1	11,690	26,290	-53.8	Tons..	12,611	25,645	-50.8		233,307	256,240	-8.0
Small grains cut for hay.....	5,891	6,308	18.4	17.2	16,531	15,522	15.6	Tons..	32,022	45,701	-24.9		516,564	409,295	113.6
Annual legumes cut for hay.....	322		1.0		1,370			Tons..	2,332				57,550		
Silage crops.....	3,672		11.5		23,907			Tons..	250,053				2,048,424		
Corn cut for forage ⁸	5,787		18.0		17,266	21,345		Tons..	50,688	186,087			709,352	921,880	
Kafir, sorghum, etc., for forage.....	110		0.4		182			Tons..	345				4,830		
Root crops for forage.....	1,521		4.8		3,352	211		Tons..	18,496	2,217	734.3		443,004	26,144	
Vegetables, total.....								Bu....	1,885,655	2,946,178	-36.0		16,348,089	8,184,213	87.5
Potatoes (Irish or white).....	22,813	24,757	71.3	67.1	21,558	24,450	-11.9	Bu....					4,619,855	1,993,923	131.7
Sweet potatoes and yams.....		22		0.1		7		Bu....		548				433	
Other vegetables ¹¹	8,327	28,887	26.0	78.2	26,052	37,220							7,622,022	0,189,857	
Farm garden ¹²	26,450		82.7										3,105,692		
Miscellaneous crops, total.....								Lbs..	14,282,580	9,549,306	40.6		4,910,589	1,296,019	278.9
Tobacco.....	1,293	910	4.0	2.5	9,109	5,521	65.0						4,718,255	1,218,060	288.9
Maple sugar and sirup.....	1,549	1,535	4.8	4.1									197,334	77,559	154.4
Sundry minor crops ¹³						2							400		
Fruits, total.....								Qts..	27,099,119	29,260,143	-7.4		9,811,540	3,785,583	153.2
Small fruits.....	8,026		25.1		9,628	9,552	0.8						2,900,249	1,678,780	73.0
Other fruits.....													6,911,291	2,106,799	227.7

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

² Excluding 17,906 acres reported for corn cut for forage, which is practically all duplicated in the acreage shown for corn harvested as grain.

³ The 1909 figures include small quantities of summer and spelt, and knafir and millo.

⁴ Principally oats and barley grown and harvested together.

⁵ The 1909 figures include a small quantity of broom-corn seed.

⁶ Less than one-tenth of 1 per cent.

⁷ Less than 1 acre.

⁸ The total values include the value of small quantities of flower and vegetable

seeds. The entire acreage from which the grass and clover seeds were secured is believed to be included in the acreage given elsewhere for hay and forage.

⁹ Corn cut for forage was not reported to any extent in 1909; hence no close comparison between 1919 and 1909 can be made, either for the hay and forage totals or for the bracketed group in which corn cut for forage appears.

¹⁰ Includes millet and Hungarian grass.

¹¹ The 1919 figures represent vegetables raised for sale only.

¹² In 1919 the value of the farm garden was largely included in the value of "other vegetables."

¹³ Includes small quantities of broom corn, hops, and ginseng.

¹⁴ Includes the value of a small quantity of nuts.

The combined acreage of crops harvested in Massachusetts in 1919 for which the acreage was reported was 561,952, which represents 61.8 per cent of the total improved land in farms (908,834 acres). The total crop acreage reported for 1909 was 652,094, or 56 per cent of the improved land in farms (1,164,501 acres). Most of the improved land not in crops doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage of which was not reported.

In addition to the crops regularly harvested in 1919, as shown in the tables, there were reported 826 acres of mature crops grazed or "hogged off."

Farm value of crops.—At the census of 1920 the farm schedule called for the value of all farm property, including live stock, and the value of live-stock products sold.

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

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

TABLE 33.—ACREAGE OF IMPORTANT CROPS: 1879 TO 1919.

CROP.	1919	1909	1899	1889	1879
Corn.....	28,953	41,755	39,131	34,010	52,555
Oats.....	9,533	7,927	6,702	14,331	20,659
Rye.....	3,062	3,476	4,557	10,665	21,666
Hay and forage.....	466,330	519,580	610,023	627,385	639,498
Potatoes.....	21,558	24,459	27,521	26,873	31,054
Tobacco.....	9,109	5,521	3,826	2,012	3,358

¹ Includes 17,266 acres of corn cut for forage. This crop was not included to any extent in the hay and forage totals prior to 1919.

TABLE 34.—PERCENTAGES AND AVERAGES FOR IMPORTANT CROPS: 1919 AND 1909.

CROP.	PER CENT OF IMPROVED LAND OCCUPIED.		AVERAGE YIELD PER ACRE.			AVERAGE VALUE PER ACRE.	
	1919	1909	Unit.	1919	1909	1919	1909
Corn.....	3.2	3.6	Bu...	52.4	48.6	\$90.48	\$82.86
Oats.....	1.0	0.7	Bu...	30.2	33.9	31.71	18.85
Rye.....	0.3	0.3	Bu...	15.1	17.0	28.71	15.07
Hay and forage.....	51.3	44.6	Tons.	1.87	1.60	43.21	21.73
Potatoes.....	2.4	2.1	Bu...	87.5	120.5	214.30	81.52
Tobacco.....	1.0	0.5	Lbs.	1,568.0	1,720.6	517.43	220.02

TABLE 35.—VEGETABLES RAISED FOR SALE: 1919.

[Vegetables other than potatoes and sweet potatoes.]

CROP.	FARMS REPORTING.		Acres harvested.	Value of product.
	Number.	Per cent of all farms.		
Total.....	8,327	28.0	26,052	\$7,822,622
Asparagus.....	540	1.7	1,157	296,086
Beans (green).....	1,838	5.7	1,061	169,249
Beets.....	483	1.5	1,459	109,532
Cabbages.....	2,046	9.2	2,737	633,328
Carrots.....	641	2.0	668	178,269
Celery.....	470	1.5	942	570,882
Corn (sweet).....	4,162	13.0	5,087	836,192
Cucumbers.....	1,632	5.1	1,162	351,978
Lettuce.....	810	2.5	673	711,098
Onions.....	2,050	6.4	4,411	2,209,939
Peas (green).....	1,529	4.8	622	118,824
Spinach.....	152	0.5	255	79,845
Squashes.....	735	2.3	1,052	175,743
Tomatoes.....	2,361	7.4	1,743	483,918
Turnips.....	514	1.6	375	73,733
Watermelons.....	85	0.3	217	8,018
All other vegetables.....	.....	.....	804	285,341
Mixed vegetables.....	312	1.0	777	239,747

TABLE 36.—MAPLE SUGAR AND SIRUP: 1919 AND 1909.

PRODUCT.	FARMS REPORTING.		Trees tapped.	PRODUCTION.		
	Number.	Per cent of all farms.		Quantity.	Unit.	Value.
Total.....	1,546	4.8	252,751	.....	.....	\$197,334
Sugar made.....	1,525	4.1	256,501	.....	.....	77,559
Sirup made.....	442	1.2	73,198	Lbs...	28,277
.....	156,962	Lbs...	22,277
.....	57,950	Gals...	168,066
.....	1,457	3.9	53,091	Gals...	55,282

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TABLE 37.—SMALL FRUITS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres harvested.	PRODUCTION.	
	Num-ber.	Per cent of all farms.		Quantity (quarts).	Value.
Total.....1919..	8,098	25.1	9,628	27,099,119	\$2,900,249
.....1909..	.....	.....	9,552	29,260,143	1,678,790
Strawberries.....1919..	4,866	15.2	1,431	3,151,371	787,844
.....1909..	4,654	12.6	2,015	5,518,867	495,438
Raspberries.....1919..	2,897	9.1	481	467,328	158,892
.....1909..	13	(1)	(2)	1,387	319
Loganberries.....1919..	1,506	4.1	388	376,136	55,757
.....1909..	1,856	5.8	340	251,951	57,949
Raspberries and loganberries.....1919..	1,368	3.7	287	307,987	31,454
.....1909..	856	2.7	7,096	22,918,103	1,833,448
Cranberries.....1919..	1,350	3.7	6,577	22,714,496	1,062,205
.....1909..	1,281	4.0	236	266,908	53,382
Currents.....1919..	1,536	4.2	243	213,810	19,904
.....1909..	131	0.4	44	42,071	8,415
Other berries.....1919..	.....	.....	42	128,847	12,032
.....1909..	.....	.....	.....	.....	.....

¹ Less than one-tenth of 1 per cent.

² Less than 1 acre.

TABLE 38.—FRUIT TREES AND GRAPEVINES NOT OF BEARING AGE: 1920 AND 1910.

FRUIT.	FARMS REPORTING.				TREES OR VINES NOT OF BEARING AGE.	
	Number.		Per cent of all farms.		1920	1910
	1920	1910	1920	1910		
Orchard fruits, total ¹	12,466	.....	39.0	.....	1,010,997	561,786
Apples.....	10,663	9,278	33.3	25.1	791,771	355,868
Peaches.....	3,285	3,252	10.3	8.8	135,426	162,114
Pears.....	3,006	3,535	12.2	9.6	52,745	38,378
Plums and prunes	2,501	2,932	7.8	7.9	16,553	23,871
Cherries.....	2,377	1,652	7.4	4.5	13,123	6,776
Grapes.....	1,713	1,204	5.4	3.3	22,691	14,261

¹ Includes apricots and quinces. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

TABLE 39.—ORCHARD FRUITS AND GRAPES: 1919 AND 1909.

FRUIT.	FARMS REPORTING TREES OR VINES OF BEARING AGE.				NUMBER OF TREES OR VINES OF BEARING AGE.		PRODUCTION.					
	Number.		Per cent of all farms.		1920	1910	Quantity.			Value.		
	1920	1910	1920	1910			Unit.	1919	1909	1919	1909	
Orchard fruits, total	24,869		77.7		1,705,466	1,698,220	Bu....	3,502,244	2,763,679	\$8,830,533	\$2,074,270	
Apples	24,270	27,937	75.8	75.7	1,218,870	1,367,379	Bu....	3,187,211	2,550,259	6,055,701	1,780,290	
Peaches	7,085	5,038	22.1	13.6	346,260	154,562	Bu....	213,139	91,756	532,851	138,716	
Pears	12,285	13,930	38.4	37.7	88,630	113,365	Bu....	84,486	96,071	190,067	110,069	
Plums and prunes	5,640	6,057	17.6	16.4	32,764	41,345	Bu....	13,152	17,814	36,170	28,253	
Cherries	4,474	3,902	14.0	10.6	18,239	13,390	Bu....	4,115	4,761	15,432	10,848	
Grapes	7,319	6,003	22.9	16.3	81,494	58,277	Lbs...	1,009,479	1,132,838	80,758	30,858	

¹ Includes apricots, quinces, and (for 1910) mulberries. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

AGRICULTURE—MASSACHUSETTS.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

		THE STATE.	Barn- stable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.
ALL FARMS.								
1	Number of farms, 1920.....	32,001	575	2,350	3,770	152	2,966	2,784
2	1910.....	35,017	861	2,947	3,037	136	2,583	3,113
3	1900.....	37,715	809	3,436	3,459	212	2,042	3,280
4	All farmers classified by sex, 1920:							
5	Male.....	30,026	631	2,297	3,406	148	2,792	2,619
6	Female.....	1,975	44	152	274	4	174	165
7	Color and nativity of all farmers, 1920:							
8	Native white.....	22,950	548	1,855	2,383	113	2,256	2,163
9	Foreign-born white.....	8,030	115	493	1,367	18	708	619
10	Negro and other nonwhite.....	121	12	11	20	21	2	2
11	All farms classified by size, 1920:							
12	Under 3 acres.....	872	18	8	126	3	306	35
13	3 to 9 acres.....	4,388	126	133	703	11	615	295
14	10 to 19 acres.....	4,245	113	188	621	10	464	245
15	20 to 49 acres.....	7,532	215	303	1,108	28	712	537
16	50 to 99 acres.....	6,834	116	463	772	31	483	613
17	100 to 174 acres.....	4,888	51	507	324	34	223	609
18	175 to 299 acres.....	1,840	18	368	75	15	73	272
19	300 to 499 acres.....	1,055	12	227	32	12	50	132
20	500 to 999 acres.....	265	4	57	6	3	20	20
21	1,000 acres and over.....	52	2	15	3	5	5	6
LAND AND FARM AREA.								
22	Approximate land area, 1920.....	5,144,060	261,760	618,240	362,880	68,480	318,030	446,080
23	Land in farms, 1920.....	2,494,477	47,679	356,264	177,761	34,421	148,541	271,460
24	1910.....	2,675,941	49,798	388,353	190,285	19,209	171,893	314,760
25	1900.....	3,147,064	44,253	472,288	195,694	34,158	170,889	350,032
26	Improved land in farms, 1920.....	908,834	13,619	139,744	68,061	7,760	61,429	75,307
27	1910.....	1,164,561	17,379	159,703	76,766	4,981	82,067	92,691
28	1900.....	1,292,132	16,938	200,034	73,919	14,461	89,274	127,785
29	Woodland in farms, 1920.....	1,030,386	20,803	138,891	71,651	13,630	45,227	118,121
30	Other unimproved land in farms, 1920.....	555,257	7,137	77,229	38,039	13,001	38,885	78,032
31	Per cent of land area in farms, 1920.....	48.5	18.2	57.0	49.0	50.3	48.7	60.0
32	Per cent of farm land improved, 1920.....	36.4	28.0	33.2	38.3	22.8	43.4	27.7
33	Average acreage per farm, 1920.....	77.9	70.6	151.0	47.2	226.5	50.1	97.5
34	Average improved acreage per farm, 1920.....	28.4	20.2	59.2	18.1	51.3	21.7	27.0
VALUE OF FARM PROPERTY.								
35	All farm property, 1920.....	\$90,471,743	\$5,545,538	\$24,597,870	\$28,797,528	\$1,377,201	\$37,068,415	\$18,397,412
36	1910.....	\$226,474,025	\$4,475,652	\$19,314,342	\$17,394,954	\$662,117	\$24,978,227	\$12,170,004
37	1900.....	\$182,646,704	\$2,818,098	\$10,625,757	\$13,049,394	\$551,435	\$18,211,406	\$10,235,497
38	Land in farms, 1920.....	\$127,033,607	\$2,571,815	\$10,880,218	\$11,103,970	\$600,247	\$10,517,280	\$7,335,480
39	1910.....	\$105,332,616	\$2,343,456	\$9,259,714	\$7,170,617	\$321,408	\$12,134,946	\$4,944,353
40	1900.....	\$86,925,410	\$1,045,530	\$7,933,550	\$5,787,000	\$423,240	\$9,293,650	\$4,343,180
41	Farm buildings, 1920.....	\$119,034,224	\$2,235,489	\$9,085,839	\$10,718,570	\$479,280	\$15,893,729	\$8,921,504
42	1910.....	\$88,636,149	\$1,678,769	\$7,212,563	\$7,504,486	\$231,680	\$9,781,853	\$4,847,733
43	1900.....	\$71,093,880	\$932,360	\$6,432,550	\$5,902,030	\$314,100	\$6,007,280	\$3,997,380
44	Implements and machinery, 1920.....	\$19,350,755	\$355,850	\$1,447,658	\$1,735,230	\$80,340	\$1,787,683	\$1,507,854
45	1910.....	\$11,563,894	\$198,579	\$858,773	\$922,906	\$32,905	\$1,160,304	\$787,877
46	1900.....	\$8,828,950	\$146,320	\$675,070	\$730,510	\$35,000	\$918,920	\$645,710
47	Live stock on farms, 1920.....	\$33,524,157	\$382,378	\$3,184,288	\$3,239,758	\$157,414	\$2,919,743	\$2,632,504
48	1910.....	\$20,741,366	\$255,148	\$1,053,302	\$1,796,645	\$76,124	\$1,882,121	\$1,590,731
49	1900.....	\$15,798,464	\$173,888	\$1,554,587	\$1,222,854	\$79,005	\$1,391,616	\$1,289,227
50	Average values, 1920:							
51	All property per farm.....	\$9,389	\$8,216	\$10,427	\$7,108	\$9,061	\$12,498	\$6,608
52	Land and buildings per farm.....	\$7,737	\$7,122	\$8,464	\$5,788	\$7,496	\$10,928	\$5,121
53	Land alone per acre.....	\$51.17	\$53.94	\$30.54	\$62.47	\$10.18	\$111.20	\$27.02
FARMS OPERATED BY OWNERS.								
54	Number of farms, 1920.....	28,087	589	1,914	3,279	134	2,452	2,534
55	1910.....	32,075	761	2,390	3,096	123	2,342	2,789
56	1900.....	32,581	749	2,810	2,893	193	2,482	2,967
57	Per cent of all farms, 1920.....	87.8	87.3	81.1	87.0	88.2	82.7	91.0
58	Land in farms, 1920.....	2,021,920	39,412	236,076	141,379	17,502	108,906	251,729
59	Improved land in farms, 1920.....	744,523	11,191	97,271	55,710	6,607	47,993	69,316
60	Value of land and buildings, 1920.....	\$182,098,530	\$3,364,344	\$11,034,925	\$17,158,845	\$181,932	\$17,951,113	\$12,904,836
61	Degree of ownership, 1920:							
62	Farmers owning entire farm.....	26,515	550	1,777	3,137	124	2,241	2,350
63	Farmers hiring additional land.....	1,572	39	137	142	10	211	184
64	Color and nativity of owners, 1920:							
65	Native white owners.....	20,157	481	1,519	2,059	100	1,627	2,012
66	Foreign-born white owners.....	7,823	96	386	1,202	13	523	523
67	Negro and other nonwhite owners.....	107	12	9	18	21	2	2
FARMS OPERATED BY MANAGERS.								
68	Number of farms, 1920.....	1,927	50	187	133	0	255	57
69	1910.....	1,863	65	233	153	9	242	69
70	1900.....	1,531	29	174	103	10	122	77
71	Land in farms, 1920.....	313,095	7,033	79,471	16,298	15,944	29,326	10,160
72	Improved land in farms, 1920.....	104,650	1,064	27,015	5,807	813	11,538	3,082
73	Value of land and buildings, 1920.....	\$50,988,024	\$1,285,800	\$7,313,384	\$2,737,675	\$290,415	\$12,744,598	\$41,610
FARMS OPERATED BY TENANTS.								
74	Number of farms, 1920.....	2,287	30	258	355	9	250	193
75	1910.....	2,079	38	324	388	4	292	255
76	1900.....	3,603	81	443	463	9	338	246
77	Per cent of all farms, 1920.....	7.1	4.4	10.9	9.4	5.0	8.7	6.0
78	Land in farms, 1920.....	159,462	1,234	39,817	20,089	975	10,219	9,671
79	Improved land in farms, 1920.....	59,661	464	15,498	6,544	370	4,898	2,009
80	Value of land and buildings, 1920.....	\$14,501,277	\$157,160	\$1,617,715	\$1,926,920	\$21,040	\$1,715,298	\$10,608
81	Form of tenancy, 1920:							
82	Share tenants.....	830	3	25	21	2	7	96
83	Share-cash tenants.....	23		2	2		4	4
84	Cash tenants.....	1,766	20	231	249	6	242	93
85	Unspecified.....	108	7		83	1	7	
86	Color and nativity of tenants, 1920:							
87	Native white tenants.....	1,602	26	192	222	6	106	103
88	Foreign-born white tenants.....	678	4	65	132	3	63	90
89	Negro and other nonwhite tenants.....	7		1				

* Part of Hampshire County annexed to Hampden County in 1800.

WITH SELECTED ITEMS FOR 1910 AND 1900.

	Hampden. ¹	Hampshire. ¹	Middlesex. ²	Nantucket.	Norfolk. ²	Plymouth.	Suffolk. ²	Worcester.
ALL FARMS.								
Number of farms, 1920.....	2,088	2,979	4,446	24	1,404	2,171	71	6,132
1910.....	2,778	2,917	6,346	24	2,203	2,512	92	7,494
1900.....	2,680	3,517	4,955	54	2,212	2,538	162	7,550
All farmers classified by sex, 1920:								
Male.....	1,949	2,824	4,188	23	1,313	2,026	68	5,742
Female.....	119	155	258	1	91	145	8	390
Color and nativity of all farmers, 1920:								
Native white.....	1,511	2,096	3,127	23	896	1,621	45	4,313
Foreign-born white.....	355	879	1,310	1	504	527	26	1,808
Negro and other nonwhite.....	2	4	9		4	23		11
All farms classified by size, 1920:								
Under 3 acres.....	21	42	146		60	43	19	36
3 to 9 acres.....	200	421	690		205	396	14	570
10 to 19 acres.....	202	321	730		223	426	9	691
20 to 49 acres.....	418	599	1,115	3	412	632	10	1,437
50 to 99 acres.....	482	674	926	6	288	369	13	1,598
100 to 174 acres.....	415	541	503	4	147	213	4	1,133
175 to 259 acres.....	184	209	144	3	32	35	1	405
260 to 499 acres.....	111	120	77	3	21	36	1	192
500 to 999 acres.....	28	42	20	3	4	12		46
1,000 acres and over.....	7	10	2		3	9		15
LAND AND FARM AREA.								
Approximate land area, 1920.....	407,040	374,400	532,480	32,640	259,840	432,000	35,200	995,840
Land in farms, 1920.....	211,143	267,008	267,165	4,461	75,786	122,707	2,471	517,610
1910.....	253,398	276,054	349,634	3,109	104,042	186,015	3,435	615,116
1900.....	292,153	321,924	316,070	4,077	115,053	150,175	4,280	669,388
Improved land in farms, 1920.....	73,825	90,083	117,290	1,572	30,183	44,101	1,663	181,167
1910.....	100,431	103,271	182,880	1,250	45,990	50,190	2,669	244,330
1900.....	121,854	134,180	145,130	2,026	48,581	50,984	3,207	257,733
Woodland in farms, 1920.....	100,695	122,225	91,807	342	31,978	63,990	467	204,404
Other unimproved land in farms, 1920.....	36,623	54,700	47,978	2,547	13,630	14,616	341	132,039
Per cent of land area in farms, 1920.....	51.9	71.3	48.3	13.7	29.2	28.4	7.0	52.0
Per cent of farm land improved, 1920.....	35.0	33.7	45.6	35.2	39.8	35.9	67.3	35.0
Average acreage per farm, 1920.....	102.1	89.6	57.8	185.9	56.5	56.5	34.8	84.4
Average improved acreage per farm, 1920.....	35.7	30.2	26.4	65.5	21.5	20.3	23.4	29.5
VALUE OF FARM PROPERTY.								
All farm property, 1920.....	19,115,182	24,548,115	50,189,584	236,672	20,960,904	20,440,927	3,019,439	48,170,896
1910.....	14,515,476	13,654,146	42,459,401	119,851	18,523,980	15,245,614	5,013,132	37,945,139
1900.....	11,051,308	12,097,482	36,112,837	161,999	13,636,110	9,559,401	4,030,843	33,515,017
Land in farms, 1920.....	8,312,966	9,656,590	19,737,557	95,780	9,790,369	9,895,686	2,253,637	18,842,032
1910.....	8,551,940	5,465,451	19,355,508	44,850	9,167,227	7,727,746	4,047,618	16,907,487
1900.....	4,827,500	4,035,510	18,289,450	70,450	6,709,190	4,052,270	3,482,500	15,705,390
Farm buildings, 1920.....	7,393,204	10,190,601	21,935,473	87,000	8,512,953	7,479,130	510,050	18,491,425
1910.....	5,755,401	6,777,372	17,538,291	42,950	7,439,958	5,610,237	734,050	14,570,506
1900.....	4,468,590	5,149,240	13,060,720	49,150	5,310,710	4,574,700	990,940	12,717,070
Implements and machinery, 1920.....	1,300,679	1,935,843	3,509,110	14,700	1,005,982	1,219,090	95,199	3,414,642
1910.....	769,433	871,460	2,162,710	9,850	716,801	760,942	128,554	2,174,204
1900.....	631,860	699,040	1,635,010	8,280	560,460	522,100	70,220	1,820,800
Live stock on farms, 1920.....	2,108,333	2,765,081	5,007,435	39,192	1,651,660	1,853,021	160,553	7,422,797
1910.....	1,438,693	1,539,863	3,402,891	22,201	1,199,904	1,246,689	103,409	4,233,642
1900.....	1,123,418	1,313,692	2,530,657	24,119	1,055,750	680,211	87,183	3,272,237
Average values, 1920:								
All property per farm.....	9,243	8,240	11,289	9,861	14,929	9,418	42,627	7,856
Land and buildings per farm.....	7,595	6,662	9,373	7,616	13,037	8,003	35,925	6,088
Land alone per acre.....	39.37	36.17	76.75	21.47	129.18	80.64	912.03	36.40
FARMS OPERATED BY OWNERS.								
Number of farms, 1920.....	1,908	2,735	3,909	19	1,168	1,886	54	5,506
1910.....	2,451	2,184	4,005	22	1,881	2,280	55	6,616
1900.....	2,305	3,209	4,203	47	1,839	2,296	104	6,515
Per cent of all farms, 1920.....	92.3	91.8	87.9	79.2	83.2	86.9	76.1	80.8
Land in farms, 1920.....	191,522	241,726	212,345	3,422	53,995	89,212	1,253	432,451
Improved land in farms, 1920.....	67,699	80,494	98,339	1,096	21,416	32,589	531	153,971
Value of land and buildings, 1920.....	13,809,000	17,411,873	33,012,094	101,600	11,240,017	11,800,151	1,065,502	30,334,732
Degree of ownership, 1920:								
Farmer owning entire farm.....	1,820	2,536	3,699	15	1,121	1,792	44	5,290
Farmer hiring additional land.....	78	199	210	4	47	94	10	207
Color and nativity of owners, 1920:								
Native white owners.....	1,381	1,927	2,741	19	733	1,393	36	3,829
Foreign-born white owners.....	523	805	1,160	19	433	475	18	1,660
Negro and other nonwhite owners.....	1	3	8		2	18		11
FARMS OPERATED BY MANAGERS.								
Number of farms, 1920.....	61	82	262	3	136	136	6	237
1910.....	99	79	301		150	116	20	320
1900.....	57	82	266		132	116	15	348
Land in farms, 1920.....	10,692	15,044	31,793	406	16,634	26,652	1,017	52,714
Improved land in farms, 1920.....	3,310	5,495	12,973	326	6,779	8,413	550	16,485
Value of land and buildings, 1920.....	1,300,464	1,561,473	6,372,055	70,180	5,984,355	4,372,915	1,224,785	4,879,315
FARMS OPERATED BY TENANTS.								
Number of farms, 1920.....	99	162	275	2	100	147	9	389
1910.....	229	154	440	2	172	136	17	528
1900.....	227	226	486	7	241	156	43	687
Per cent of all farms, 1920.....	4.3	5.4	6.2	8.3	8.3	6.8	12.7	6.3
Land in farms, 1920.....	8,029	10,238	13,021	632	5,157	6,933	201	32,445
Improved land in farms, 1920.....	2,816	4,094	5,978	180	1,988	3,099	182	10,711
Value of land and buildings, 1920.....	595,800	874,345	2,288,881	11,000	1,078,950	1,141,750	473,300	2,080,410
Form of tenancy, 1920:								
Share tenants.....	9	67	17	1	2	14	1	65
Share-cash tenants.....	1	5	2			1		3
Cash tenants.....	84	88	280	1	84	100	8	321
Unspecified.....	5	2	17		14	32		
Color and nativity of tenants, 1920:								
Native white tenants.....	78	101	197	1	71	114	4	291
Foreign-born white tenants.....	20	61	78	1	27	31	5	98
Negro and other nonwhite tenants.....	1				2			

¹ Part of Middlesex County annexed to Norfolk County in 1907; part of Norfolk County annexed to Suffolk County in 1912.

AGRICULTURE—MASSACHUSETTS.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

	THE STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.
DOMESTIC ANIMALS: 1920.							
1 Farms reporting domestic animals.....number..	27,508	488	2,223	3,057	142	2,392	2,447
2 Value of all domestic animals.....dollars..	30,512,291	303,778	3,010,163	2,802,474	146,001	2,580,128	2,483,905
Horses:							
3 Total number.....	50,005	580	5,402	5,040	220	4,117	4,712
4 Colts under 1 year of age.....	1,111	8	190	103	6	75	70
5 Colts 1 year old and under 2 years.....	529	2	121	38	2	20	44
6 Mares 2 years old and over.....	14,980	197	1,804	1,244	63	1,148	1,681
7 Geldings 2 years old and over.....	33,461	303	3,154	3,635	149	2,815	2,893
8 Stallions 2 years old and over.....	524	15	73	29		50	24
9 Total value.....dollars..	7,771,029	77,111	837,504	629,919	30,703	647,041	692,116
Mules:							
10 Total number.....	332	11	46	10		32	12
11 Mule colts under 1 year of age.....	6			2			
12 Mule colts 1 year old and under 2 years.....	16	1				5	
13 Mules 2 years old and over.....	310	10	46	8		27	12
14 Total value.....dollars..	44,251	1,775	6,405	1,075		4,300	2,236
Asses and burros:							
15 Total number.....	52		4	4		11	1
16 Total value.....dollars..	4,270		80	245	10	670	80
Cattle:							
17 Total number.....	216,099	2,172	24,732	18,596	945	17,338	20,745
18 Total value.....dollars..	20,093,098	180,583	1,943,971	1,886,190	67,897	1,702,282	1,593,080
Beef cattle—							
19 Total number.....	10,089	164	1,413	935	97	821	851
20 Calves under 1 year of age.....	1,823	50	336	88	34	149	213
21 Heifers 1 year old and under 2 years.....	1,317	22	152	138	7	98	69
22 Cows and heifers 2 years old and over.....	4,533	74	593	577	13	453	159
23 Steers 1 year old and under 2 years.....	760	7	156	36	25	22	122
24 Steers 2 years old and over.....	1,242	6	128	73	16	78	230
25 Bulls 1 year old and over.....	414	5	48	23	2	21	58
26 Total value.....dollars..	760,228	9,371	105,790	74,320	6,577	61,708	63,046
Dairy cattle—							
27 Total number.....	206,010	2,008	23,319	17,661	848	16,517	19,894
28 Calves under 1 year of age.....	26,618	254	3,847	1,465	133	1,624	3,880
29 Heifers 1 year old and under 2 years.....	26,513	240	3,428	2,006	118	1,811	2,942
30 Cows and heifers 2 years old and over.....	147,331	1,450	15,367	13,841	575	12,686	12,533
31 Bulls 1 year old and over.....	5,548	64	677	340	22	396	539
32 Total value.....dollars..	19,332,870	180,212	1,838,181	1,811,870	61,320	1,640,574	1,530,034
Sheep:							
33 Total number.....	18,880	100	2,953	434	4,532	922	4,231
34 Lambs under 1 year of age.....	4,748	19	721	125	1,007	317	1,089
35 Ewes 1 year old and over.....	11,896	70	2,082	282	2,271	547	2,737
36 Rams 1 year old and over.....	692	8	130	22	113	45	114
37 Wethers 1 year old and over.....	1,544	3	20	5	1,141	13	291
38 Total value.....dollars..	237,023	1,605	39,176	10,144	31,027	17,241	52,342
Goats:							
39 Total number.....	1,296	5	150	79	2	107	23
40 Total value.....dollars..	23,506	105	1,700	2,216	50	1,703	423
Swine:							
41 Total number.....	104,192	1,354	7,777	11,681	605	9,012	6,139
42 Pigs under 6 months old.....	53,757	839	4,450	6,437	203	4,300	3,620
43 Sows and gilts for breeding, 6 months old and over.....	17,742	221	1,315	1,352	106	1,643	881
44 Boars for breeding, 6 months old and over.....	2,042	29	173	210	17	103	117
45 All other hogs, 6 months old and over.....	30,651	265	1,839	3,682	219	2,780	1,521
46 Total value.....dollars..	2,330,114	33,599	181,267	272,685	15,714	206,741	143,673
POULTRY AND BEES: 1920.							
47 Chickens.....number..	1,455,193	35,352	99,997	198,651	5,444	154,763	78,198
48 Other poultry.....number..	62,284	2,117	3,073	26,856	5,582	5,545	1,606
49 Value of all poultry.....dollars..	2,951,001	77,781	167,242	430,358	11,270	333,717	144,658
50 Bees.....number of hives..	6,573	107	935	695	11	558	738
51 Total value.....dollars..	60,865	819	6,883	6,929	134	5,898	4,841
LIVE-STOCK PRODUCTS: 1919.							
Dairy products:							
52 Milk produced (as reported).....gallons..	68,624,097	711,230	6,250,127	7,872,627	226,067	6,223,172	4,586,095
53 Milk sold.....gallons..	55,676,858	549,294	4,244,953	7,093,897	143,015	5,737,093	2,244,213
54 Cream sold.....gallons..	310,818	2,002	57,591	14,393	2,202	10,062	49,757
55 Butter fat sold.....pounds..	506,551	216	64,176	489	284	1,115	238,722
56 Butter made on farms.....pounds..	2,019,231	11,074	577,465	28,873	8,657	50,397	350,347
57 Butter sold.....pounds..	1,282,837	3,149	433,033	8,070	3,753	12,717	244,046
58 Cheese made on farms.....pounds..	60,736	530	7,091	10,406	65	2,785	7,118
59 Value of dairy products ¹.....dollars..	24,765,522	280,936	1,893,871	2,886,769	73,710	2,580,210	1,208,041
60 Receipts from sale of dairy products.....dollars..	24,270,643	274,944	1,799,497	2,869,817	70,649	2,559,473	1,143,298
61 Average production of milk per dairy cow.....gallons..	506	513	486	600	410	533	405
Eggs and chickens:							
62 Eggs produced (as reported).....dozens..	8,801,467	219,094	542,962	1,264,166	52,714	1,030,407	475,278
63 Eggs sold.....dozens..	6,022,298	160,675	340,899	926,332	18,318	710,129	305,555
64 Chickens raised (as reported).....number..	1,857,007	65,762	113,013	227,628	5,115	207,280	100,657
65 Chickens sold.....number..	966,275	44,367	48,276	150,014	1,592	124,334	45,205
66 Value of chickens and eggs produced.....dollars..	7,845,727	217,822	449,624	1,084,490	42,126	945,148	392,981
67 Receipts from sale of chickens and eggs.....dollars..	5,046,046	150,917	263,815	778,103	14,324	626,113	229,244
Honey and wax:							
68 Honey produced.....pounds..	70,769	1,049	12,268	7,220	70	4,821	5,699
69 Wax produced.....pounds..	1,812	39	33	43		81	256
70 Value of honey and wax.....dollars..	25,380	385	4,309	2,546	25	1,723	2,110
Wool:							
71 Sheep shorn.....number..	14,429	74	2,137	282	3,085	692	3,212
72 Wool produced (as reported).....pounds..	81,133	415	12,390	1,736	14,055	4,797	21,122
73 Value.....dollars..	51,008	209	7,428	1,009	9,317	3,013	13,397

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1 Inclosures reporting domestic animals.....	31,207	1,337	1,931	3,073	193	8,252	896
2 Horses, total number.....	50,775	937	2,145	4,384	102	5,090	960
3 Mules, total number.....	534	3	9	46	2	88	7
4 Asses and burros, total number.....	79	2	1	3		2	
5 Cattle, total number.....	21,500	1,150	1,558	1,364	173	1,476	749
6 Dairy cows.....	15,421	827	1,121	1,014	121	1,099	522
7 Sheep, total number.....	672	7	0	33	25	44	33
8 Goats, total number.....	1,016	10	23	75		26	26
9 Swine, total number.....	51,498	1,299	1,664	3,331	290	4,421	863

AGRICULTURE—MASSACHUSETTS.

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1920; AND LIVE-STOCK PRODUCTS, 1919.

	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
DOMESTIC ANIMALS: 1920.								
1 Farms reporting domestic animals.....number..	1,829	2,616	3,782	22	1,228	1,685	53	5,544
2 Value of all domestic animals.....dollars..	1,043,300	2,550,250	4,555,170	36,110	1,461,693	1,597,466	155,753	6,886,070
Horses:								
3 Total number.....	3,511	4,833	7,144	50	2,087	2,533	242	10,095
4 Colts under 1 year of age.....	90	69	178	—	40	65	4	212
5 Colts 1 year old and under 2 years.....	43	59	46	—	21	6	—	118
6 Mares 2 years old and over.....	1,041	1,678	1,805	19	498	662	101	2,079
7 Geldings 2 years old and over.....	2,297	3,022	5,045	31	1,503	1,735	132	6,687
8 Stallions 2 years old and over.....	34	35	70	—	25	65	5	99
9 Total value.....dollars..	509,127	723,709	1,080,354	7,110	327,320	365,418	35,691	1,807,906
Mules:								
10 Total number.....	48	18	43	—	15	13	—	84
11 Mule colts under 1 year of age.....	—	2	—	—	1	1	—	—
12 Mule colts 1 year old and under 2 years.....	—	1	—	—	—	—	—	—
13 Mules 2 years old and over.....	48	15	43	—	13	12	—	78
14 Total value.....dollars..	7,190	2,040	5,960	—	1,700	1,380	—	10,100
Asses and burros:								
15 Total number.....	2	—	11	—	3	6	—	9
16 Total value.....dollars..	30	—	820	—	40	115	—	2,230
Cattle:								
17 Total number.....	13,980	19,215	28,361	447	8,855	9,113	784	50,816
18 Total value.....dollars..	1,254,123	1,644,511	3,016,185	26,508	980,368	1,000,453	80,630	4,601,711
Beef cattle—								
19 Total number.....	1,048	1,058	735	43	198	354	86	2,336
20 Calves under 1 year of age.....	135	179	116	2	14	45	4	458
21 Heifers 1 year old and under 2 years.....	98	98	67	10	26	44	4	482
22 Cows and heifers 2 years old and over.....	452	422	455	31	136	187	27	954
23 Steers 1 year old and under 2 years.....	90	136	15	—	6	14	—	131
24 Steers 2 years old and over.....	225	102	42	—	5	57	—	220
25 Bulls 1 year old and over.....	48	61	40	—	11	5	1	81
26 Total value.....dollars..	82,518	82,137	54,744	2,670	16,363	20,307	2,722	108,895
Dairy cattle—								
27 Total number.....	12,932	18,157	27,626	404	8,657	8,759	748	48,480
28 Calves under 1 year of age.....	1,847	2,592	2,740	62	706	1,015	43	6,410
29 Heifers 1 year old and under 2 years.....	1,909	2,600	2,908	65	748	1,109	36	6,593
30 Cows and heifers 2 years old and over.....	8,832	12,436	21,250	268	6,977	6,412	655	34,049
31 Bulls 1 year old and over.....	344	529	728	9	226	223	14	1,428
32 Total value.....dollars..	1,172,205	1,562,374	2,961,441	23,838	964,005	1,070,086	83,914	4,432,816
Sheep:								
33 Total number.....	1,012	984	618	200	430	381	30	2,053
34 Lambs under 1 year of age.....	235	312	159	50	122	78	5	509
35 Ewes 1 year old and over.....	737	620	412	140	272	266	22	1,438
36 Rams 1 year old and over.....	29	36	40	10	24	27	—	88
37 Wethers 1 year old and over.....	11	16	1	—	12	10	3	18
38 Total value.....dollars..	15,638	13,740	11,004	1,800	6,174	4,787	551	31,135
Goats:								
39 Total number.....	44	24	266	—	182	30	8	376
40 Total value.....dollars..	552	282	4,885	—	5,385	492	40	5,678
Swine:								
41 Total number.....	6,025	7,104	20,501	34	6,441	5,705	2,427	18,787
42 Pigs under 6 months old.....	3,685	3,986	9,812	23	3,277	3,138	917	8,070
43 Sows and gilts for breeding, 6 months old and over.....	955	821	4,700	—	975	1,073	344	3,845
44 Boars for breeding, 6 months old and over.....	132	143	418	2	116	95	20	877
45 All other hogs, 6 months old and over.....	1,903	2,154	5,571	3	2,073	1,394	1,146	6,095
46 Total value.....dollars..	156,040	165,959	435,962	692	140,736	125,821	32,865	427,360
POULTRY AND BEES: 1920.								
47 Chickens.....number..	88,341	109,008	213,124	1,378	85,233	117,327	2,465	265,914
48 Other poultry.....number..	2,161	2,450	4,957	102	3,376	4,148	211	5,091
49 Value of all poultry.....dollars..	160,096	209,594	442,664	3,082	187,908	251,623	4,023	520,479
50 Bees.....number of hives..	460	551	881	—	188	364	11	1,074
51 Total value.....dollars..	4,427	5,237	9,611	—	2,059	3,932	147	10,248
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
52 Milk produced (as reported).....gallons..	3,601,883	5,140,763	10,690,847	99,372	3,850,006	3,146,386	381,304	15,833,678
53 Milk sold.....gallons..	2,608,317	3,718,138	9,701,803	86,273	3,407,208	2,770,119	369,454	12,912,902
54 Cream sold.....gallons..	13,320	62,443	21,979	431	6,047	7,056	785	72,850
55 Butter fat sold.....pounds..	23,132	132,069	19,933	—	7,122	1,578	330	17,685
56 Butter made on farms.....pounds..	222,376	196,779	96,025	130	30,570	44,299	2,687	399,552
57 Butter sold.....pounds..	154,059	106,779	30,718	105	5,061	10,647	979	269,771
58 Cheese made on farms.....pounds..	3,036	4,614	7,129	—	2,895	3,140	—	11,976
59 Value of dairy products.....dollars..	1,103,894	1,607,236	4,427,356	48,687	1,714,220	1,233,294	198,454	5,502,544
60 Receipts from sale of dairy products.....dollars..	1,061,964	1,548,608	4,378,067	48,970	1,696,518	1,211,918	197,343	5,418,487
61 Average production of milk per dairy cow.....gallons..	456	451	532	371	578	530	679	499
Eggs and chickens:								
62 Eggs produced (as reported).....dozens..	439,423	658,803	1,286,085	6,208	485,244	525,205	10,532	1,495,691
63 Eggs sold.....dozens..	293,030	436,807	889,825	4,950	302,747	564,465	5,321	1,057,245
64 Chickens raised (as reported).....number..	90,322	126,584	260,371	1,685	147,563	201,795	776	362,461
65 Chickens sold.....number..	43,989	64,301	144,563	1,188	64,494	121,164	525	142,263
66 Value of chickens and eggs produced.....dollars..	410,269	560,618	1,140,459	6,963	478,158	727,367	9,186	1,380,521
67 Receipts from sale of chickens and eggs.....dollars..	249,065	340,141	745,402	5,323	269,346	481,285	4,912	889,196
Honey and wax:								
68 Honey produced.....pounds..	9,803	9,108	5,774	—	667	2,297	40	11,953
69 Wax produced.....pounds..	326	227	42	—	25	27	—	213
70 Value of honey and wax.....dollars..	3,578	3,290	2,040	—	244	816	14	4,280
Wool:								
71 Sheep shorn.....number..	583	1,012	415	200	235	282	22	1,508
72 Wool produced (as reported).....pounds..	3,305	6,451	2,688	800	1,444	1,630	203	10,097
73 Value.....dollars..	1,912	3,850	1,651	560	804	1,230	169	6,459

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

NOT ON FARMS OR RANGES: 1920.

1 Inclosures reporting domestic animals.....	2,531	807	5,055	23	2,633	3,104	1,266	5,106
2 Horses, total number.....	3,082	920	9,862	54	3,079	2,670	11,078	6,403
3 Mules, total number.....	47	2	238	—	12	15	53	62
4 Asses and burros, total number.....	3	1	12	—	8	12	28	7
5 Cattle, total number.....	1,523	599	4,050	69	2,070	2,459	643	3,611
6 Dairy cows.....	1,147	412	2,469	44	1,064	1,811	501	2,679
7 Sheep, total number.....	23	3	498	—	117	63	6	111
8 Goats, total number.....	53	10	302	—	143	95	55	104
9 Swine, total number.....	3,643	988	21,043	9	3,019	3,704	177	6,147

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		THE STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.
VALUE OF ALL CROPS.								
1	Total.....	dollars.. 53,700,925	950,437	4,124,325	4,015,172	129,755	4,304,276	5,981,294
2	Cereals.....	dollars.. 3,411,343	28,809	613,128	359,871	25,605	123,357	382,071
3	Other grains and seeds.....	dollars.. 70,247	1,794	4,812	3,925	.....	17,034	6,780
4	Hay and forage.....	dollars.. 20,140,137	123,998	2,407,299	1,436,786	58,827	1,772,325	1,935,695
5	Vegetables.....	dollars.. 15,348,089	195,320	790,942	1,579,453	38,739	1,492,159	1,770,088
6	Fruits.....	dollars.. 9,811,540	600,516	271,203	635,087	6,584	898,349	629,251
7	All other crops.....	dollars.. 4,910,589	.....	36,941	50	.....	152	1,197,419
SELECTED CROPS (acres harvested and production).								
8	Cereals:							
9	Total.....	acres.. 45,361	476	10,783	3,928	474	1,382	5,089
10	Corn.....	bushels.. 1,921,607	15,364	392,867	197,255	14,768	68,844	207,497
11	Oats.....	acres.. 28,953	373	3,017	3,144	307	988	4,203
12	Wheat.....	bushels.. 1,515,033	13,475	182,327	176,418	11,266	57,897	186,655
13	Barley.....	acres.. 9,533	14	5,088	573	119	289	513
14	Rye.....	bushels.. 287,881	498	158,695	17,533	2,877	8,049	15,037
15	Buckwheat.....	acres.. 1,876	9	746	40	6	22	134
16	Other grains and seeds:	bushels.. 33,253	105	14,880	977	85	679	2,406
17	Dry edible beans.....	acres.. 509	.....	245	37	2	12	42
18	Dry peas.....	bushels.. 11,832	.....	5,239	1,251	40	298	824
19	Other grains and seeds:	acres.. 3,062	79	785	118	28	57	149
20	Hay and forage:	bushels.. 40,261	1,269	14,265	1,897	290	876	1,051
21	Timothy alone.....	acres.. 1,304	1	862	16	12	14	45
22	Timothy and clover mixed.....	bushels.. 23,238	17	16,703	170	210	145	568
23	Clover alone.....	acres.. 1,094	24	71	54	.....	361	116
24	Alfalfa.....	bushels.. 10,687	320	576	477	.....	3,273	1,167
25	Other tame or cultivated grasses.....	acres.. 21	1	1	6	.....	1	1
26	Wild, salt, or prairie grasses.....	bushels.. 215	10	8	75	.....	6	7
27	Annual legumes cut for hay.....	acres.. 460,330	3,062	69,730	29,171	1,836	42,400	46,924
28	Silage crops.....	tons.. 871,573	5,746	102,454	67,112	2,373	72,386	89,569
29	Corn cut for forage.....	acres.. 391,892	1,784	63,337	22,728	1,066	34,447	40,781
30	Kafir, sorghum, etc., for forage.....	tons.. 499,076	2,399	63,530	33,024	1,234	44,070	51,074
31	Root crops for forage.....	acres.. 78,407	172	10,880	5,871	194	6,688	4,332
32	Other tame or cultivated grasses.....	tons.. 112,817	184	12,769	8,896	234	9,376	6,733
33	Wild, salt, or prairie grasses.....	acres.. 159,212	642	21,214	12,142	372	11,570	12,554
34	Small grains cut for hay.....	tons.. 221,379	919	24,842	18,381	492	16,894	19,429
35	Annual legumes cut for hay.....	acres.. 3,513	19	659	315	17	388	255
36	Silage crops.....	tons.. 5,463	44	990	490	15	624	445
37	Corn cut for forage.....	acres.. 1,163	16	155	97	21	81	93
38	Kafir, sorghum, etc., for forage.....	tons.. 2,604	53	267	216	38	247	266
39	Root crops for forage.....	acres.. 149,597	935	30,429	4,303	462	16,820	23,547
40	Other tame or cultivated grasses.....	tons.. 156,813	1,199	24,662	5,041	455	17,929	24,201
41	Annual legumes cut for hay.....	acres.. 11,690	612	830	348	260	4,025	440
42	Silage crops.....	tons.. 12,611	804	650	555	160	4,014	593
43	Corn cut for forage.....	acres.. 16,581	193	1,125	1,340	188	1,107	1,279
44	Kafir, sorghum, etc., for forage.....	tons.. 32,022	404	2,118	2,583	266	2,043	3,646
45	Root crops for forage.....	acres.. 1,370	18	155	40	23	123	61
46	Other tame or cultivated grasses.....	tons.. 2,302	51	243	81	40	220	70
47	Small grains cut for hay.....	acres.. 23,997	205	2,694	2,629	48	1,386	2,447
48	Silage crops.....	tons.. 250,033	1,420	29,681	24,912	278	14,596	29,393
49	Corn cut for forage.....	acres.. 17,266	169	1,235	1,895	204	1,101	1,818
50	Kafir, sorghum, etc., for forage.....	tons.. 50,688	346	4,758	5,118	256	4,630	4,174
51	Root crops for forage.....	acres.. 182	10	12	23	.....	8	19
52	Other tame or cultivated grasses.....	tons.. 345	21	12	43	.....	9	36
53	Vegetables:	acres.. 3,352	70	342	178	47	212	79
54	Potatoes (Irish or white).....	tons.. 18,496	301	1,462	796	139	1,004	574
55	Other vegetables.....	acres.. 21,558	282	2,401	2,989	76	1,610	1,432
56	Miscellaneous crops:	bushels.. 1,885,555	20,069	197,308	290,441	7,645	155,213	150,675
57	Tobacco.....	acres.. 26,052	438	613	2,425	65	8,125	2,538
58	Maple trees tapped.....	pounds.. 9,109	.....	40	150	.....	20	2,340
59	Maple sugar made.....	number.. 14,282,589	.....	.....	.....	.....	400	3,410,258
60	Maple sirup made.....	pounds.. 252,751	.....	45,479	.....	.....	.....	91,950
61	Maple sirup made.....	gallons.. 73,198	.....	12,716	.....	.....	.....	16,206
62	Maple sirup made.....	.....	.....	10,980	.....	.....	50	24,604
FRUITS.								
63	Small fruits:							
64	Total.....	acres.. 9,628	2,199	131	692	31	333	197
65	Strawberries.....	quarts.. 27,039,119	6,750,983	100,960	2,098,439	32,066	470,232	215,375
66	Raspberries.....	acres.. 1,431	62	32	270	4	151	113
67	Blackberries and dewberries.....	quarts.. 3,151,371	125,736	41,744	1,063,476	3,805	303,972	133,906
68	Cranberries.....	acres.. 481	15	62	26	.....	53	39
69	Currants.....	quarts.. 467,328	15,736	42,737	33,376	70	41,444	40,865
70	Orchard fruits:	acres.. 340	2	32	11	.....	23	32
71	Total.....	quarts.. 251,951	2,365	13,547	5,204	130	10,911	31,286
72	Apples.....	acres.. 7,096	2,112	.....	355	27	77	1
73	Peaches.....	quarts.. 22,918,103	6,588,365	.....	978,449	28,001	83,185	320
74	Pears.....	acres.. 236	8	5	24	.....	29	12
75	Plums and prunes.....	quarts.. 266,908	18,249	2,932	13,529	.....	21,630	8,942
76	Apples.....	trees not of bearing age.. 1,010,987	16,447	26,044	68,236	1,792	88,653	76,519
77	Peaches.....	bushels harvested.. 1,705,466	12,108	91,726	117,625	1,376	180,162	160,954
78	Pears.....	trees not of bearing age.. 3,592,244	16,103	125,607	133,139	1,720	399,963	295,612
79	Plums and prunes.....	trees of bearing age.. 791,771	10,876	21,337	41,624	1,330	59,006	64,959
80	Apples.....	bushels harvested.. 1,218,870	7,597	82,900	62,515	1,009	113,474	143,282
81	Peaches.....	trees not of bearing age.. 3,187,211	14,238	120,096	105,757	1,650	350,830	285,891
82	Pears.....	trees of bearing age.. 135,426	4,334	488	18,392	247	17,094	5,475
83	Plums and prunes.....	bushels harvested.. 340,200	2,438	745	41,261	184	49,410	8,283
84	Apples.....	trees not of bearing age.. 213,139	783	286	19,235	6	32,434	3,899
85	Peaches.....	trees of bearing age.. 52,745	765	2,054	6,016	78	9,565	2,071
86	Pears.....	bushels harvested.. 89,630	1,305	4,207	10,238	116	12,412	4,312
87	Plums and prunes.....	trees not of bearing age.. 84,486	902	4,694	7,344	50	14,493	4,287
88	Apples.....	trees of bearing age.. 16,553	312	1,251	1,275	117	1,841	2,887
89	Peaches.....	bushels harvested.. 32,764	548	2,577	2,501	49	3,385	3,335
90	Pears.....	.....	95	462	600	.....	1,841	1,880
91	Grapes.....	vines not of bearing age.. 22,691	354	296	4,028	17	1,281	1,634
		vines of bearing age.. 81,494	811	2,432	6,440	135	4,067	3,800
		pounds harvested.. 1,099,479	10,179	19,109	85,632	144	74,612	73,672

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2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 26

		Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
VALUE OF ALL CROPS.									
1	Total.....dollars.....	4,237,509	7,438,670	9,086,937	58,985	1,420,512	3,084,365	221,385	8,637,303
2	Cereals.....dollars.....	885,078	602,200	200,829	3,778	59,821	121,166	580	505,050
3	Other grains and seeds.....dollars.....	6,389	5,307	5,555		1,268	4,301	273	11,809
4	Hay and forage.....dollars.....	1,370,191	2,123,632	2,688,402	16,604	664,803	769,729	20,999	4,080,727
5	Vegetables.....dollars.....	796,618	1,815,020	3,735,377	9,815	503,872	784,792	171,189	1,064,495
6	Fruits.....dollars.....	399,587	507,995	2,406,045	28,728	184,404	1,401,102	19,344	1,760,345
7	All other crops.....dollars.....	1,279,516	2,384,516	669		6,344	8		4,877
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....acres.....	4,577	6,804	2,347	53	820	1,726	8	6,894
10	Corn.....bushels.....	207,737	325,220	100,234	2,125	32,960	64,958	305	282,473
11	Oats.....acres.....	3,199	5,438	1,632	41	555	1,899	7	4,620
12	Oats.....bushels.....	183,393	293,017	95,175	1,820	27,445	56,867	285	230,593
13	Wheat.....acres.....	411	505	361	12	138	91		1,359
14	Wheat.....bushels.....	10,776	10,414	8,695	305	3,340	3,188		38,674
15	Barley.....acres.....	93	227	96		20	58		425
16	Barley.....bushels.....	1,198	3,575	1,924		331	1,613		5,480
17	Rye.....acres.....	15	35	17		10	15		79
18	Rye.....bushels.....	308	939	347		294	254		2,038
19	Buckwheat.....acres.....	710	418	155		112	137	1	313
20	Buckwheat.....bushels.....	9,050	5,474	2,681		1,494	2,888	20	4,106
21	Other grains and seeds:								
22	Dry edible beans.....acres.....	60	96	60		20	66	5	152
23	Dry peas.....bushels.....	834	949	871		131	665	50	1,374
24	Hay and forage:								
25	Total.....acres.....	24					68	2	17
26	All tame or cultivated grasses.....acres.....	32,960	48,108	57,729	443	13,558	15,694	539	104,167
27	Timothy alone.....acres.....	60,351	92,630	113,627	761	31,804	36,284	1,809	194,067
28	Timothy and clover mixed.....acres.....	27,606	35,950	48,440	289	10,407	12,378	350	89,290
29	Clover alone.....acres.....	34,004	60,618	60,302	357	14,732	17,406	495	118,871
30	Alfalfa.....acres.....	5,001	4,597	14,856	36	3,469	2,005	187	19,319
31	Other tame or cultivated grasses.....acres.....	7,760	7,596	22,032	66	4,997	3,996	339	27,849
32	Wild, salt, or prairie grasses.....acres.....	10,765	17,319	20,205	27	6,841	6,598	121	41,542
33	Small grains out for hay.....acres.....	13,225	26,561	28,734	53	6,370	9,178	96	57,155
34	Annual legumes out for hay.....acres.....	130	241	423	2	145	190	8	721
35	Silage crops.....acres.....	210	434	629	0	281	287	9	1,099
36	Corn cut for forage.....acres.....	97	92	173		62	81		275
37	Kafir, sorghum, etc., for forage.....acres.....	229	200	338		54	115		560
38	Root crops for forage.....acres.....	11,673	16,710	12,783	194	2,420	2,854	34	27,433
39	Vegetables:								
40	Potatoes (Irish or white).....acres.....	12,640	16,827	14,501	232	3,030	3,828	51	32,217
41	Other vegetables.....bushels.....	405	544	1,623	23	325	398	18	1,748
42	Miscellaneous crops:								
43	Tobacco.....acres.....	472	567	1,795	45	381	417	30	2,128
44	Maple trees tapped.....pounds.....	1,099	1,479	2,385	33	831	677	30	5,165
45	Maple sugar made.....pounds.....	2,102	2,337	3,890	36	1,413	1,631	44	9,609
46	Maple sirup made.....gallons.....	64	94	283		84	81	40	324
47	Strawberries.....acres.....	87	112	686		81	55	50	84
48	Raspberries.....acres.....	1,857	2,594	3,105	15	1,198	1,207	84	4,559
49	Blackberries and dewberries.....acres.....	13,970	25,509	32,811	105	12,635	13,235	1,110	51,399
50	Cranberries.....acres.....	1,589	3,040	1,978	106	800	799	14	2,728
51	Currents.....acres.....	3,326	6,842	6,299	207	1,962	2,838	41	9,896
52	Orchard fruits:								
53	Total.....trees not of bearing age.....	14	30	46		9	48		61
54	Apples.....trees of bearing age.....	176	1,418	240	7	127	136	3	308
55	Peaches.....trees not of bearing age.....	1,294	6,006	1,831	11	591	751	39	2,197
56	Pears.....trees of bearing age.....	1,690	2,144	2,608	17	1,089	1,648	63	3,495
57	Plums and prunes.....trees not of bearing age.....	138,970	197,963	232,940	2,650	71,247	160,271	5,950	268,307
58	Grapes.....vines of bearing age.....	1,161	2,841	7,175	10	854	2,206	347	2,254
59	FRUITS.								
60	Small fruits:								
61	Total.....acres.....	222	166	591	100	167	4,397	11	391
62	Strawberries.....quarts.....	203,677	186,696	1,148,357	350,100	196,550	14,871,294	11,885	393,805
63	Raspberries.....acres.....	129	83	262		58	120	1	156
64	Raspberries.....quarts.....	181,871	112,146	640,600		80,512	238,033	876	215,484
65	Blackberries and dewberries.....acres.....	40	41	74		18	36		77
66	Blackberries and dewberries.....quarts.....	38,337	35,849	83,523		16,307	39,554	516	78,974
67	Cranberries.....acres.....	35	32	57		16	24	2	74
68	Cranberries.....quarts.....	28,802	30,910	48,778		7,393	12,444	1,635	49,556
69	Currents.....acres.....	2	2	138	100	59	4,185		38
70	Currents.....quarts.....	710	1,516	258,738	359,100	55,091	14,540,831		23,797
71	Orchard fruits:								
72	Total.....trees not of bearing age.....	12	8	58		15	11	8	46
73	Apples.....trees of bearing age.....	10,624	6,215	92,040		36,345	21,984	8,544	25,974
74	Peaches.....trees not of bearing age.....								
75	Pears.....trees of bearing age.....	58,675	76,827	277,352		36,049	48,666	2,011	232,726
76	Plums and prunes.....trees not of bearing age.....	119,095	140,393	398,780		53,981	63,501	3,590	393,205
77	Grapes.....vines of bearing age.....	163,661	231,500	1,141,806		68,027	77,807	8,693	838,600
78	Apples.....trees not of bearing age.....	38,651	67,674	236,474		27,772	35,394	1,532	185,142
79	Peaches.....trees of bearing age.....	73,095	112,480	277,907		34,131	40,273	2,653	267,514
80	Pears.....trees not of bearing age.....	137,636	213,501	1,069,613		56,405	67,907	8,215	765,412
81	Plums and prunes.....trees of bearing age.....	14,894	4,108	23,630		4,863	8,646	131	33,124
82	Grapes.....vines of bearing age.....	38,347	16,806	62,430		13,929	15,893	42	90,792
83	Apples.....trees not of bearing age.....	21,173	12,113	49,846		7,247	6,503	37	60,572
84	Pears.....trees of bearing age.....	1,663	2,919	12,292		2,106	2,837	307	10,072
85	Plums and prunes.....trees not of bearing age.....	3,803	5,099	18,260		3,544	6,094	823	18,817
86	Grapes.....vines of bearing age.....	4,207	4,661	17,711		3,178	3,403	419	19,182
87	Apples.....trees of bearing age.....	1,337	1,155	1,941		745	987	36	2,669
88	Peaches.....trees not of bearing age.....	2,197	3,951	5,138		1,890	1,880	24	5,682
89	Grapes.....vines of bearing age.....	448	948	3,334		897	890	14	2,249
90	FRUITS.								
91	Total.....vines not of bearing age.....	1,732	726	4,744		2,645	1,367	65	3,802
	Grapes.....vines of bearing age.....	6,789	7,441	10,936		4,823	3,710	90	30,020
	Grapes.....pounds harvested.....	73,141	116,372	137,409		114,431	46,305	1,105	257,078

AGRICULTURE—MASSACHUSETTS.

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919.

	THE STATE.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.
MORTGAGE DEBT REPORTS: 1920.							
For all farms operated by owners:							
Number free from mortgage debt.....	14,055	405	987	1,684	101	1,307	1,304
Number with mortgage debt.....	12,632	167	807	1,344	25	1,046	1,092
Number with no mortgage report.....	1,400	17	120	251	8	99	138
For farms consisting of owned land only:							
Number of farms reporting amount of debt.....	11,663	140	744	1,268	18	933	982
Value of land and buildings.....dollars..	70,745,237	985,100	3,632,435	6,059,585	106,195	6,034,214	5,049,391
Amount of mortgage debt.....dollars..	23,412,188	195,180	1,379,244	2,346,627	30,250	1,914,210	1,675,048
Ratio of debt to value.....per cent..	33.1	19.8	35.1	38.7	28.5	31.7	33.2
Average rate of interest paid.....per cent..	5.7	5.7	5.5	5.9	5.9	5.6	5.5
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.							
Labor:							
Farms reporting.....number..	18,322	440	1,435	1,676	85	1,758	1,568
Total expenditure.....dollars..	16,577,123	376,262	661,298	1,162,948	48,527	1,853,587	1,034,474
Amount in cash.....dollars..	13,929,305	344,804	469,832	1,009,955	37,770	1,591,039	884,887
Value of rent and board furnished.....dollars..	2,647,818	31,458	191,466	152,993	10,757	262,548	149,587
Fertilizer:							
Farms reporting.....number..	16,992	368	1,019	2,038	87	1,453	1,653
Amount expended.....dollars..	3,996,733	40,364	99,504	328,481	11,114	231,536	608,481
Feed:							
Farms reporting.....number..	27,853	550	2,078	3,154	130	2,583	2,379
Amount expended.....dollars..	20,272,851	351,901	786,200	2,396,263	61,814	2,073,471	1,181,490

	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
MORTGAGE DEBT REPORTS: 1920.								
For all farms operated by owners:								
Number free from mortgage debt.....	910	1,202	2,053	8	528	985	25	2,556
Number with mortgage debt.....	879	1,451	1,791	5	575	799	10	2,035
Number with no mortgage report.....	119	82	65	6	65	102	13	315
For farms consisting of owned land only:								
Number of farms reporting amount of debt.....	822	1,308	1,685	5	540	733	12	2,473
Value of land and buildings.....dollars..	5,887,275	8,592,310	12,514,280	28,600	4,236,830	3,935,655	217,102	13,166,265
Amount of mortgage debt.....dollars..	1,927,968	2,610,420	4,198,350	9,442	1,444,582	1,318,452	58,600	4,297,806
Ratio of debt to value.....per cent..	32.7	30.5	33.5	33.0	34.1	33.5	27.0	32.0
Average rate of interest paid.....per cent..	5.5	5.5	5.7	6.0	5.8	5.0	5.7	5.6
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.								
Labor:								
Farms reporting.....number..	1,130	1,810	2,818	17	832	1,301	64	3,888
Total expenditure.....dollars..	1,241,249	1,277,672	3,763,128	9,425	1,105,787	1,118,360	287,161	2,637,245
Amount in cash.....dollars..	1,037,986	1,147,838	3,245,047	6,810	921,603	1,028,432	266,044	1,937,258
Value of rent and board furnished.....dollars..	203,263	129,834	518,081	2,615	184,184	89,928	21,117	699,987
Fertilizer:								
Farms reporting.....number..	1,215	1,915	2,310	17	704	1,157	51	3,005
Amount expended.....dollars..	540,478	916,291	530,397	1,439	132,075	143,741	28,645	204,187
Feed:								
Farms reporting.....number..	1,775	2,519	4,006	23	1,270	1,789	56	5,541
Amount expended.....dollars..	1,171,373	1,420,864	3,641,739	18,670	1,474,305	1,444,094	150,811	4,093,856

AGRICULTURE: MICHIGAN

STATISTICS FOR THE STATE AND ITS COUNTIES

Prepared under the supervision of WILLIAM LANE AUSTIN, Chief Statistician for Agriculture

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INTRODUCTION.

This bulletin presents a statement of the statistics of agriculture for Michigan collected at the census of 1920. The statistics of farms and farm property, including live stock, relate to January 1, 1920; those of live-stock products, crops, and farm expenditures are for the calendar year 1919. In order to show the

present tendency in agriculture, comparative figures for the census of 1910 are given throughout the bulletin; and to show the general trend of the agricultural industry over a considerable period of time, all general farm information available is presented for the different censuses since 1850.

FARMS AND FARM PROPERTY.

TABLE 1.—SUMMARY: 1920 AND 1910.

ITEM.	1920 (January 1)	1910 (April 15)	INCREASE. ¹	
			Amount.	Per cent.
Number of all farms.....	196, 447	206, 360	—10, 513	—5.1
Approximate land area of the state.....acres.	36, 787, 200	36, 787, 200		
All land in farms.....acres.	19, 032, 961	18, 940, 614	92, 347	0.5
Improved land in farms.....acres.	12, 925, 521	12, 832, 078	93, 443	0.7
Woodland in farms.....acres.	3, 217, 000	2, 927, 554	289, 446	9.9
Other unimproved land in farms.....acres.	2, 890, 440	3, 180, 982	—290, 542	—9.1
Per cent of land area in farms.....	51.7	51.5		
Per cent of farm land improved.....	67.9	67.8		
Average acreage per farm.....	96.9	91.5	5.4	
Average improved acreage per farm.....	65.8	62.0	3.8	
Value of all farm property.....	\$1, 763, 334, 778	\$1, 088, 858, 379	\$674, 476, 399	61.9
Land.....	959, 186, 538	615, 258, 348	343, 928, 190	55.9
Buildings.....	477, 499, 672	286, 879, 951	191, 619, 721	67.0
Implements and machinery.....	122, 389, 936	49, 916, 285	72, 473, 651	145.2
Live stock.....	204, 258, 632	137, 803, 795	66, 454, 837	48.2
Average value per farm:				
All farm property.....	8, 976	5, 261	3, 715	70.6
Land.....	4, 883	2, 973	1, 910	64.2
Buildings.....	2, 431	1, 381	1, 050	76.0
Implements and machinery.....	623	241	382	158.5
Live stock.....	1, 040	666	374	56.2

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

COUNTIES, PRINCIPAL CITIES, AND RIVERS.



EXPLANATION OF TERMS.

To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term, referring to the work of growing crops, producing other agricultural products, and raising domestic animals, poultry, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1919, or required for its agricultural operations the continuous services of at least one person.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operation of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, managers, and tenants.

Farm owners include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "full owners" being then used for those owning all their land.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1920 in five classes: (1) Share tenants—those who pay a certain share of the products, as one-half, one-third, or one-quarter, for the use of the farm but furnish their own farm equipment and animals; (2) croppers—share tenants who do not furnish their work animals; (3) share-cash tenants—those who pay a share of the products for part of the land rented by them and cash for part; (4) cash tenants—those who pay a cash rental, as \$7 per acre of crop land or \$500 for the use of the whole farm; (5) standing renters—those who pay a stated amount of farm products for the use of the farm, as 3 bales of cotton or 500 bushels of corn. In some cases the character of the tenancy was not ascertained by the enumerator; such tenants are designated "unspecified."

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) other unimproved land.

Improved land includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest.

The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics, therefore, must be considered at best only a close approximation.

NUMBER OF FARMS, ACREAGE, AND VALUE.

TABLE 2.—NUMBER OF FARMS AND FARM ACREAGE: 1850 TO 1920.

CENSUS YEAR.	FARMS.		LAND IN FARMS.				Per cent of land area in farms.	Per cent of farm land im- proved.
	Num- bor.	Per cent of in- crease. ¹	All land.		Improved land.			
			Acres.	Per cent of in- crease.	Acres.	Per cent of in- crease.		
1920.....	196,447	-5.1	19,032,961	0.5	12,925,521	0.7	51.7	67.9
1910.....	206,960	1.8	18,940,614	7.9	12,832,078	8.8	51.5	67.8
1900.....	203,261	17.9	17,561,698	18.8	11,799,260	19.6	47.7	67.2
1890.....	172,344	11.9	14,785,636	7.1	9,865,350	18.9	40.2	66.7
1880.....	154,008	55.9	13,807,240	37.8	8,296,802	62.8	37.5	60.1
1870.....	98,786	58.3	10,019,142	42.5	5,096,939	46.6	27.2	50.9
1860.....	62,422	83.1	7,030,834	60.4	3,476,296	80.2	19.1	49.4
1850.....	34,089		4,383,890		1,920,110		11.9	44.0

¹ A minus sign (—) denotes decrease.

TABLE 3.—VALUE OF FARM PROPERTY: 1850 TO 1920.

CENSUS YEAR.	ALL FARM PROPERTY.		LAND AND BUILDINGS.		IMPLEMENTS AND MACHINERY.		LIVE STOCK.	
	Value.	Per cent of in-crease.	Value.	Per cent of in-crease.	Value.	Per cent of in-crease.	Value.	Per cent of in-crease.
1920....	\$1,763,334,778	61.9	\$1,436,686,210	59.4	\$122,389,936	145.2	\$204,258,632	48.2
1910....	1,089,858,379	57.7	901,138,209	54.7	49,016,285	73.3	137,803,795	74.3
1900....	690,355,734	6.5	582,517,710	4.7	28,795,380	20.8	79,042,644	13.6
1890....	647,938,255	12.8	556,190,670	11.4	22,182,000	14.2	69,564,985	24.8
1880....	574,242,654	55.4	499,103,181	56.7	19,419,360	77.0	55,720,113	30.8
1870 ¹ ...	360,409,941	94.0	318,502,463	98.1	10,969,583	88.5	30,847,895	68.0
1860....	190,371,098	203.3	160,836,495	210.1	5,819,832	101.3	23,714,771	196.1
1850....	62,772,551	.....	51,872,446	.....	2,891,371	.....	8,008,734	.....

¹ Computed gold values, being 80 per cent of the currency values reported.

TABLE 4.—AVERAGE ACREAGE AND AVERAGE VALUE PER FARM: 1850 TO 1920.

[Averages are based on "all farms" in the state.]

CENSUS YEAR.	AVERAGE ACREAGE PER FARM.		AVERAGE VALUE PER FARM.			
	All land.	Im-proved land.	All farm property.	Land and buildings.	Imple-ments and machi-nery.	Live stock.
1920.....	96.9	65.8	\$8,976	\$7,313	\$623	\$1,040
1910.....	91.5	62.0	5,261	4,364	241	666
1900.....	86.4	58.0	3,396	2,866	142	389
1890.....	85.8	57.2	3,700	3,227	120	404
1880.....	89.7	53.9	3,729	3,241	126	362
1870 ¹ ...	101.4	51.6	3,730	3,225	111	403
1860.....	112.6	55.7	3,050	2,577	93	380
1850.....	128.6	58.6	1,841	1,522	85	235

¹ Computed gold values, being 80 per cent of the currency values reported.

TABLE 5.—AVERAGE VALUE PER ACRE: 1850 TO 1920.

[Averages are based on "all land in farms" in the state.]

CENSUS YEAR.	All farm property.	Land and buildings.	Land alone.	Buildings alone.	Imple-ments and machi-nery.	Live stock.
1920.....	\$92.65	\$75.48	\$50.40	\$25.09	\$6.43	\$10.73
1910.....	57.49	47.68	32.48	15.09	2.64	7.28
1900.....	39.31	33.17	24.12	9.95	1.64	4.50
1890.....	43.82	37.62	.....	.....	1.50	4.70
1880.....	41.59	36.15	.....	.....	1.41	4.04
1870 ¹ ...	36.87	31.80	.....	.....	1.09	3.98
1860.....	27.08	22.88	.....	.....	0.83	3.37
1850.....	14.32	11.83	.....	.....	0.66	1.83

¹ Computed gold values, being 80 per cent of the currency values reported.

FARMS BY SIZE.

TABLE 6.—NUMBER OF FARMS, BY SIZE: 1920 AND 1910.

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	196,447	206,960	-10,513	-5.1	100.0	100.0
Under 20 acres.....	12,744	14,785	-2,041	-13.8	6.5	7.1
Under 3 acres.....	325	387	-62	-16.0	0.2	0.2
3 to 9 acres.....	5,678	6,679	-1,001	-15.0	2.9	3.2
10 to 19 acres.....	6,741	7,719	-978	-12.7	3.4	3.7
20 to 49 acres.....	40,765	49,890	-9,125	-18.3	20.8	24.1
50 to 99 acres.....	71,391	73,748	-2,357	-3.2	36.3	35.6
100 to 174 acres.....	52,645	50,622	2,023	4.0	26.8	24.5
175 to 499 acres.....	18,075	17,143	932	5.4	9.2	8.3
175 to 259 acres.....	13,236	12,426	810	6.5	6.7	6.0
260 to 499 acres.....	4,839	4,717	122	2.6	2.5	2.3
500 to 999 acres.....	634	607	27	4.4	0.3	0.3
1,000 acres and over.....	193	165	28	17.0	0.1	0.1

¹ A minus sign (-) denotes decrease.

TABLE 7.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY SIZE: 1880 TO 1920.

SIZE GROUP.	1920	1910	1900	1890	1880
Total number of farms.....	196,447	206,960	203,261	172,344	154,008
Under 10 acres.....	6,003	7,066	6,135	3,323	2,805
10 to 19 acres.....	6,741	7,719	7,335	5,347	4,514
20 to 49 acres.....	40,765	49,890	59,197	53,665	45,029
50 to 99 acres.....	71,391	73,748	71,021	61,298	55,777
100 to 499 acres.....	70,720	67,765	58,920	48,237	45,391
500 to 999 acres.....	634	607	517	447	408
1,000 acres and over.....	193	165	136	87	84
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	3.1	3.4	3.0	1.9	1.8
10 to 19 acres.....	3.4	3.7	3.6	3.1	2.9
20 to 49 acres.....	20.8	24.1	29.1	31.1	29.2
50 to 99 acres.....	36.3	35.6	34.9	35.6	36.2
100 to 499 acres.....	36.0	32.7	29.0	28.0	29.5
500 to 999 acres.....	0.3	0.3	0.3	0.3	0.3
1,000 acres and over.....	0.1	0.1	0.1	0.1	0.1

TABLE 8.—FARM ACREAGE AND VALUE, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	19,032,961	18,940,614	12,925,521	12,832,078	\$1,436,686,210	\$901,138,299
Under 20.....	120,664	137,131	104,690	121,750	38,961,427	28,255,364
20 to 49.....	1,489,133	1,814,802	1,126,919	1,351,445	150,269,336	106,804,968
50 to 99.....	5,309,830	5,537,099	3,974,153	3,998,814	431,375,137	271,485,980
100 to 174.....	6,856,373	6,591,003	4,796,617	4,539,148	502,195,333	301,276,358
175 to 499.....	4,335,771	4,125,482	2,675,770	2,602,019	282,847,645	174,584,535
500 to 999.....	464,907	391,180	165,962	159,477	19,117,412	13,040,547
1,000 and over.....	456,281	343,917	81,410	59,425	11,919,920	5,690,538

TABLE 9.—PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910
Total.....	67.9	67.8	\$7,313	\$4,354	\$75.48	\$47.58
Under 20 acres.....	86.8	88.8	3,057	1,911	\$22.89	\$20.05
20 to 49 acres.....	75.7	74.5	3,686	2,141	100.91	58.85
50 to 99 acres.....	74.0	72.2	6,042	3,681	80.33	49.03
100 to 174 acres.....	70.0	68.9	9,539	5,951	73.25	45.71
175 to 499 acres.....	61.7	63.1	15,649	10,184	65.24	42.32
500 to 999 acres.....	41.0	40.8	30,154	21,484	47.21	33.34
1,000 acres and over.....	17.8	17.3	61,761	34,488	26.12	16.55

FARMS BY TENURE.

TABLE 10.—NUMBER OF FARMS, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	196,447	206,960	-10,513	-5.1	100.0	100.0
Owners.....	159,406	172,310	-12,904	-7.5	81.1	83.3
Owning entire farm.....	139,874	151,005	-11,131	-7.4	71.2	73.0
Hiring additional land.....	19,532	21,305	-1,773	-8.3	9.9	10.3
Managers.....	2,319	1,961	358	18.3	1.2	0.9
Tenants.....	34,722	32,689	2,033	6.2	17.7	15.8
Share tenants.....	23,280	20,378	2,902	14.2	11.9	9.8
Share-cash tenants.....	422	870	-448	-51.5	0.2	0.4
Cash tenants.....	9,312	9,629	-317	-3.3	4.7	4.7
Unspecified.....	1,708	1,812	-104	-5.7	0.9	0.9

¹ A minus sign (-) denotes decrease.

TABLE 11.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY TENURE: 1880 TO 1920.

TENURE.	1920	1910	1900	1890	1880
Total number of farms.....	196,447	206,960	203,261	172,344	154,008
Farms operated by owners.....	159,406	172,310	168,814	148,208	133,597
Owning entire farm.....	139,874	151,005	153,196	(²)	(²)
Hiring additional land.....	19,532	21,305	15,618	(²)	(²)
Farms operated by managers.....	2,319	1,961	2,234	(²)	(²)
Farms operated by tenants.....	34,722	32,689	32,213	24,136	15,411
Share tenants.....	23,280	20,378	22,482	15,924	10,396
Share-cash tenants.....	422	870			
Cash tenants.....	9,312	9,629	9,731	8,212	5,015
Unspecified.....	1,708	1,812			
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Operated by owners.....	81.1	83.3	83.1	188.0	190.0
Owning entire farm.....	71.2	73.0	75.4	(²)	(²)
Hiring additional land.....	9.9	10.3	7.7	(²)	(²)
Operated by managers.....	1.2	0.9	1.1	(²)	(²)
Operated by tenants.....	17.7	15.8	15.8	14.0	10.0
Share and share-cash.....	12.1	10.3	11.1	9.2	6.8
Cash and unspecified.....	5.6	5.5	4.8	4.8	3.3

¹ Includes farms operated by managers.² Not reported separately.³ Included with farms operated by owners.

TABLE 12.—FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	19,032,961	18,940,614	12,925,521	12,832,078	\$1,436,686,210	\$901,138,299
Owners.....	14,541,461	15,107,494	9,846,841	10,142,159	1,066,478,928	699,059,567
Managers.....	587,891	452,504	272,352	217,109	50,198,044	22,981,178
Tenants.....	3,903,609	3,380,616	2,806,328	2,472,810	350,009,238	179,097,554

TABLE 13.—PER CENT DISTRIBUTION OF FARMS AND OF FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	81.1	83.3	76.4	79.8	76.2	79.0	73.5	77.6
Managers.....	1.2	0.9	3.1	2.4	2.1	1.7	3.5	2.6
Tenants.....	17.7	15.8	20.5	17.8	21.7	19.3	23.0	19.9

TABLE 14.—AVERAGE ACREAGE, PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY TENURE: 1920 AND 1910.

TENURE.	AVERAGE ACREAGE PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.				Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	96.9	91.5	65.8	62.0	67.9	67.8	\$7,313	\$4,354	\$75.48	\$47.58
Owners.....	91.2	87.7	61.8	58.9	67.7	67.1	6,628	4,057	72.65	46.27
Managers.....	253.5	230.8	117.4	110.7	46.3	48.0	21,646	11,719	85.39	50.79
Tenants.....	112.4	103.4	80.8	75.6	71.9	73.1	9,504	5,479	84.54	52.98

FARMS BY SEX, RACE, AND NATIVITY OF FARMER.

TABLE 15.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY SEX AND TENURE OF FARMER: 1920.

SEX AND TENURE.	Number of farms.	All land in farms (acres).	Improved land in farms (acres).	Value of land and buildings.	AVERAGE PER FARM.		
					All land (acres).	Improved land (acres).	Value of land and buildings.
Total.....	196,447	19,032,961	12,925,521	\$1,436,686,210	96.9	65.8	\$7,313
Male.....	190,671	18,592,536	12,639,675	1,404,325,237	97.5	66.3	7,365
Female.....	5,776	440,426	285,846	32,360,973	76.3	49.5	5,603
Owners.....	159,406	14,541,461	9,846,841	1,056,478,928	91.2	61.8	6,628
Male.....	153,872	14,123,300	9,573,754	1,026,134,855	91.8	62.2	6,669
Female.....	5,534	418,161	273,087	30,344,073	75.6	49.3	5,483
Managers.....	2,319	587,891	272,352	50,198,044	253.5	117.4	21,646
Male.....	2,300	584,493	271,150	49,870,544	254.1	117.9	21,683
Female.....	19	3,398	1,202	327,500	178.8	63.3	17,237
Tenants.....	34,722	3,903,609	2,806,328	330,609,238	112.4	80.8	9,504
Male.....	34,499	3,884,742	2,794,771	328,319,838	112.6	81.0	9,517
Female.....	223	18,867	11,557	1,689,400	84.6	51.8	7,576

TABLE 16.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY NATIVITY OF WHITE FARMERS AND BY RACE OF COLORED FARMERS: 1920 AND 1910.

COLOR AND NATIVITY OR RACE.	NUMBER OF FARMS.		LAND IN FARMS, 1920 (ACRES).		Value of land and buildings, 1920
	1920	1910	Total.	Improved.	
All farmers.....	196,447	206,960	19,032,961	12,925,521	\$1,436,686,210
White farmers.....	195,714	206,014	18,984,246	12,893,814	1,433,681,404
Native ¹	147,450	147,790	14,700,046	10,251,073	1,141,789,581
Foreign-born.....	48,264	58,224	4,274,302	2,642,141	291,891,823
Country of birth:					
Austria.....	2,034	1,118	151,489	92,235	10,455,692
Canada.....	13,393	20,129	1,345,498	881,951	86,053,474
Denmark.....	1,142	1,531	90,642	62,142	6,720,080
England.....	2,203	3,913	197,093	128,208	16,529,475
Finland.....	3,947	(4)	280,031	107,211	13,121,933
Germany.....	9,740	15,788	873,214	588,049	65,042,814
Holland.....	3,279	3,931	253,263	165,337	19,965,820
Hungary.....	933	181	75,302	48,085	5,303,030
Ireland.....	810	2,011	79,639	53,324	5,588,545
Norway.....	654	817	56,676	26,862	2,603,680
Poland.....	2,479	737	219,191	120,085	14,808,657
Russia.....	1,538	746	117,813	73,817	8,259,810
Scotland.....	436	859	49,677	31,283	3,506,740
Sweden.....	3,083	3,339	279,442	128,334	14,009,543
Switzerland.....	371	449	85,882	22,623	2,369,360
Other countries..	2,202	2,834	180,848	111,695	16,473,170
Colored farmers.....	733	946	48,713	31,707	3,004,896
Negro.....	549	640	40,939	27,562	2,566,855
Indian.....	182	306	7,494	4,040	429,951
Japanese.....	1		160	45	2,000
Chinese.....	1		120	60	6,000

¹ Includes farmers with country of birth not reported, as follows: For 1920, 2,520; for 1910, 412.

² Included with "other countries."

TABLE 17.—NUMBER OF FARMERS, CLASSIFIED BY TENURE, COLOR, AND NATIVITY: 1920 AND 1910.

TENURE.	ALL FARMERS.		NATIVE WHITE. ¹		FOREIGN-BORN WHITE.		COLORED.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	196,447	206,960	147,450	147,790	48,264	58,224	733	946
Owners.....	159,406	172,310	115,624	118,660	43,219	52,865	563	785
Managers.....	2,319	1,961	1,025	1,521	385	431	9	0
Tenants.....	34,722	32,689	29,901	27,609	4,660	4,928	161	152

¹ Includes farmers with country of birth not reported.

FARM MORTGAGES.

TABLE 18.—MORTGAGED FARMS: 1920 AND 1910.
(Owned farms only; includes all farms owned in whole or in part by the operator.)

CLASS.	NUMBER OF OWNED FARMS.		INCREASE. ¹		PER CENT OF TOTAL. ²	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	159,406	172,310	-12,904	-7.5	100.0	100.0
Free from mortgage.....	72,809	88,705	-15,896	-17.9	45.1	51.5
Mortgaged.....	78,758	82,631	-3,873	-4.7	51.9	48.2
Unknown.....	7,779	974	6,805	698.7	.....	.....

¹ A minus sign (-) denotes decrease. The comparative figures shown for farms free from mortgage and mortgaged are affected somewhat by the fact that more farms were tabulated as "unknown" in 1920 than in 1910.

² Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 19.—MORTGAGED FARMS (OR FARM HOMES): 1890 TO 1920.

CLASS.	OWNED FARMS.		OWNED FARM HOMES.		PER CENT OF TOTAL. ¹			
	1920	1910	1900	1890	1920	1910	1900	1890
Total.....	159,406	172,310	168,062	146,697	100.0	100.0	100.0	100.0
Free from mortgage.....	72,809	88,705	85,400	74,302	45.1	51.5	51.7	50.0
Mortgaged.....	78,758	82,631	79,789	72,395	51.9	48.2	48.3	49.4
Unknown.....	7,779	974	2,783	.....	.....	.....	.....	.....

¹ Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 20.—MORTGAGE DEBT: 1920 AND 1910.

ITEM.	OWNED FARMS MORTGAGED. ¹		INCREASE. ²	
	1920	1910	Amount.	Per cent.
Number of farms reporting amount of debt.....	67,119	68,655	-1,536	-2.2
Value of land and buildings.....	\$420,108,156	\$250,874,010	\$169,234,146	67.5
Amount of mortgage debt.....	\$144,103,067	\$75,997,030	\$68,106,037	89.0
Ratio of debt to value, per cent.....	34.3	30.3	.....	.....
Average rate of interest paid, per cent.....	6.0	.....	.....	.....
Average value per farm.....	\$6,250	\$3,654	\$2,605	71.3
Average debt per farm.....	\$2,147	\$1,107	\$1,040	93.9
Average equity per farm.....	\$4,112	\$2,547	\$1,565	61.4

¹ Includes only farms consisting wholly of owned land and reporting amount of debt. In considering the comparative figures, it should be borne in mind that the mortgage debt may have been more completely reported at one census than at the other.

² A minus sign (-) denotes decrease.

FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED.

TABLE 21.—FARMS REPORTING EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	NUMBER OF FARMS REPORTING.		INCREASE. ¹		PER CENT OF ALL FARMS.	
	1919	1909	Number.	Per cent.	1919	1909
Labor.....	102,431	111,842	-9,411	-8.4	52.1	54.0
Fertilizer.....	65,782	31,327	34,455	110.0	33.5	15.1
Feed.....	111,191	75,882	35,309	46.5	56.6	36.7

¹ A minus sign (-) denotes decrease.

TABLE 22.—AMOUNT OF EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	AMOUNT EXPENDED.		INCREASE.	
	1919	1909	Amount.	Per cent.
Labor, total.....	\$31,944,861	\$19,063,082	\$12,881,779	67.6
Amount in cash.....	24,875,549	15,073,067	9,801,882	65.0
Value of rent and board furnished.....	7,069,312	3,989,415	3,079,897	77.2
Fertilizer.....	4,872,543	945,354	3,927,189	415.4
Feed.....	21,938,870	5,682,915	16,255,955	286.0

LIVE STOCK ON FARMS AND ELSEWHERE.

(DOMESTIC ANIMALS, POULTRY, AND BEES.)

Domestic animals: 1920 and 1910.—The census of 1920 was taken as of January 1 and that of 1910 as of April 15. Since a great many domestic animals are born during the period between January 1 and April 15 and, on the other hand, a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not fully comparable. In addition to the change in the date of enumeration, there have been certain changes in the age and sex classifications. The 1910 figures presented in the following tables are therefore restricted to those classes of domestic animals which are least affected by these changes and for which the figures are fairly comparable with the 1920 returns.

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

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

In states where cattle are raised extensively for beef production the result of this new classification will be to reduce materially the proportion of cows classified as dairy cows, and even in states having few strictly beef cattle the 1920 classification may be expected to give a somewhat smaller proportion of dairy cows than the 1910 classification.

In Michigan the number of "dairy cows," including heifers 1 year old and over, reported for January 1,

1920, was 967,459, as compared with 767,083 "cows kept for milk" reported for April 15, 1910. This represents an increase of 200,376, or 26.1 per cent, notwithstanding the change in classification indicated above. The number of "beef cows" reported for January 1, 1920, was 89,277, as compared with 106,801 "cows not kept for milk" reported for April 15, 1910, representing a decrease of 17,524, or 16.4 per cent.

Farms reporting domestic animals: 1910.—Horses were reported by 184,267 farms in Michigan in 1910, mules by 1,865 farms, cattle by 185,081, sheep by 54,865, and swine by 131,658. In comparing these figures with the 1920 figures given in the table below, due allowance should be made for the fact that the total number of farms in Michigan decreased from 206,960 in 1910 to 196,447 in 1920.

TABLE 23.—DOMESTIC ANIMALS ON FARMS: 1920.

CLASS.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	186,354	94.9		\$192,145,492	
Horses, total.....	176,259	89.7	605,508	56,433,765	\$93.20
Colts under 1 year of age.....	14,123	7.2	17,526	768,823	43.70
Colts 1 year old and under 2 years.....	18,935	9.6	24,170	1,490,409	60.79
Mares 2 years old and over.....	141,389	72.0	284,014	27,290,067	90.11
geldings 2 years old and over.....	141,508	72.0	277,806	26,454,361	95.23
Stallions 2 years old and over.....	1,640	0.8	1,993	447,505	224.54
Mules, total.....	2,852	1.5	5,884	661,115	112.38
Mule colts under 1 year of age.....	198	0.1	290	18,955	65.36
Mule colts 1 year old and under 2 years.....	249	0.1	429	40,370	94.10
Mules 2 years old and over.....	2,450	1.2	5,165	601,790	118.51
Asses and burros.....	105	0.1	145	11,511	79.39
Cattle, total.....	173,417	88.3	1,586,042	101,717,971	64.13
Beef cattle, total.....	55,707	28.4	329,901	17,289,094	52.44
Calves under 1 year of age.....	20,449	13.5	100,592	2,285,239	22.75
Heifers 1 year old and under 2 years.....	13,144	6.7	38,660	1,764,541	45.04
Cows and heifers 2 years old and over.....	12,325	6.3	50,617	4,035,090	79.72
Steers 1 year old and under 2 years.....	22,959	11.7	91,265	4,880,350	53.47
Steers 2 years old and over.....	8,130	4.1	43,928	3,830,135	87.19
Bulls 1 year old and over.....	4,158	2.1	4,839	500,739	103.48
Dairy cattle, total.....	167,641	85.3	1,256,141	84,418,877	67.20
Calves under 1 year of age.....	96,505	49.1	203,911	6,059,137	22.96
Heifers 1 year old and under 2 years.....	75,995	38.7	165,864	7,698,794	46.56
Cows and heifers 2 years old and over.....	167,274	85.1	802,695	68,324,900	85.18
Bulls 1 year old and over.....	22,504	11.5	24,771	2,335,956	94.30
Sheep, total.....	35,454	18.0	1,209,191	13,688,379	11.32
Lambs under 1 year of age.....	21,367	10.9	359,175	3,617,547	10.07
Ewes 1 year old and over.....	33,570	17.1	809,125	9,437,023	11.66
Rams 1 year old and over.....	19,469	9.9	26,651	493,146	18.50
Wethers 1 year old and over.....	768	0.4	14,240	140,663	9.88
Goats, total.....	415	0.2	1,607	11,037	6.87
Kids under 1 year of age, raised for fleeces.....	25	(1)	104	487	4.08
Goats 1 year old and over, raised for fleeces.....	49	(1)	331	2,521	7.62
All other goats.....	342	0.2	1,172	8,029	6.85
Swine, total.....	138,170	70.3	1,106,066	19,821,714	17.74
Pigs under 6 months old.....	89,588	45.6	697,089	6,635,321	9.06
Sows and gilts for breeding, 6 months old and over.....	92,279	47.0	184,556	6,898,176	37.38
Bears for breeding, 6 months old and over.....	12,198	6.2	14,199	581,012	40.92
All other hogs, 6 months old and over.....	46,253	23.5	220,222	5,507,205	25.01

¹ Less than one-tenth of 1 per cent.

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TABLE 24.—POULTRY AND BEES ON FARMS: 1920 AND 1910.

ITEM.	FARMS REPORT- ING, 1920.		NUMBER REPORTED. ¹		Value, 1920	Average value, 1920
	Num- ber.	Per cent of all farms.	1920 (Jan. 1)	1910 (Apr. 15)		
Poultry, total.....	180,693	92.0	11,183,064	9,967,039	\$11,587,814	\$1.04
Chickens.....	180,664	92.0	10,913,645	9,698,401	11,002,012	1.01
Turkeys.....	14,044	7.1	74,780	81,263	258,857	3.46
Ducks.....	15,764	8.0	69,960	54,723	99,932	1.43
Geese.....	18,844	9.6	73,205	66,792	200,413	2.74
Guinea fowls.....	4,971	2.5	20,365	26,274	17,522	0.66
Pigeons.....	1,887	1.0	25,109	39,510	9,078	0.36
Hives of bees.....	11,724	6.0	93,348	115,274	525,326	5.63

¹ The numbers of the different classes of poultry are not strictly comparable for the two censuses, since a considerable number of fowls are killed between Jan. 1 and Apr. 15.

² Includes small numbers of peafowls and pheasants.

TABLE 27.—TOTAL NUMBER OF DOMESTIC ANIMALS: 1920.

CLASS.	Total.	On farms.	Not on farms.
Horses.....	663,983	605,509	58,474
Horses 2 years old and over.....	621,181	563,813	57,368
Mules.....	6,778	5,884	894
Mules 2 years old and over.....	5,994	5,165	829
Asses and burros.....	211	145	66
Cattle.....	1,628,103	1,583,042	42,061
Beef cattle.....	334,160	329,901	4,259
Dairy cattle.....	1,293,943	1,256,141	37,802
Dairy cows.....	831,209	802,095	29,114
Sheep.....	1,216,656	1,209,191	7,465
Goats.....	2,027	1,007	420
Swine.....	1,130,036	1,106,066	23,970

LIVE-STOCK PRODUCTS.

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

Dairy products.—It is difficult to secure reports of the total quantity of milk produced during a given year, especially from farmers who keep cows chiefly to supply milk and butter for family use. Since such farmers usually keep no records, they are able to make only rough estimates of the milk production and frequently underestimate the quantity of milk produced for home use. Many farmers, too, either because they are unwilling to make any estimates or for other reasons, fail to report their milk production, even though they report butter or other dairy products as well as dairy cows.

For several decades past the Bureau of the Census has made estimates for such incomplete reports, where the farmer reported "cows kept for milk" but failed to report the amount of milk produced, these estimates being based on the average production per cow as shown by the complete reports. Since farmers with first-class dairy herds and up-to-date methods are more likely to make complete reports than those with cows of a lower grade, the estimates obtained in this

TABLE 25.—SELECTED CLASSES OF DOMESTIC ANIMALS ON FARMS: 1920 AND 1910.

CLASS.	NUMBER.		INCREASE. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	Number.	Per cent.
Horses:				
Total, excluding spring colts reported for 1910.....	605,509	602,410	3,099	0.5
Colts under 1 year old on Jan. 1 of census year.....	17,526	41,474	-23,948	-57.7
Horses 1 year old and over on Jan. 1 of census year.....	587,983	560,936	27,047	4.8
Mules:				
Total, excluding spring colts reported for 1910.....	5,884	3,638	2,246	61.7
Mule colts under 1 year old on Jan. 1 of census year.....	290	309	-19	-6.1
Mules 1 year old and over on Jan. 1 of census year.....	5,594	3,329	2,265	68.0
Cattle:				
Total, excluding spring calves reported for 1910.....	1,586,042	1,261,773	324,269	25.7
Calves under 1 year old on Jan. 1 of census year.....	364,503	324,263	40,240	12.4
Cows and heifers 1 year old and over on Jan. 1 of census year.....	1,056,736	873,884	182,852	20.9
Steers and bulls 1 year old and over on Jan. 1 of census year.....	164,803	63,626	101,177	159.0
Sheep:				
Total, excluding spring lambs reported for 1910.....	1,209,191	1,545,241	-336,050	-21.7

¹ A minus sign (—) denotes decrease.

TABLE 26.—DOMESTIC ANIMALS NOT ON FARMS: 1920 AND 1910.

CLASS.	INCLOSURES REPORTING.		ANIMALS.			
	1920 (Jan. 1)	1910 (Apr. 15)	Number.		Increase. ¹	
			1920 (Jan. 1)	1910 (Apr. 15)	Num- ber.	Per cent.
Total.....	42,476	67,383				
Horses.....	20,328	50,939	58,474	100,238	-41,764	-41.7
Horses 1 year old and over on Jan. 1 of census year.....			58,091	99,154	-41,063	-41.4
Mules.....	373	277	804	700	194	27.7
Mules 1 year old and over on Jan. 1 of census year.....			874	684	190	27.8
Asses and burros.....	50	63	66	74	-8	.....
Cattle.....	21,675	27,622	42,061	47,385	-5,324	-11.2
Cattle 1 year old and over on Jan. 1 of census year.....			35,935	36,904	-969	-2.6
Sheep.....	435	318	7,465	6,453	1,012	15.7
Goats.....	211	292	420	2,116	-1,696	-80.2
Swine.....	7,767	3,931	23,970	13,594	10,076	72.5

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

way have probably been somewhat above the actual production. With the new basis of classification for dairy cows in use for 1920, however, as already noted, the estimates should be more satisfactory than heretofore, since milk will be estimated only for cows kept mainly for milk production.

In the table which follows, both the actual reported quantity of milk produced and the estimated total are given. The latter includes, in addition to the milk reported, an estimate of the amount of milk produced on farms which reported dairy cows but failed to report any milk. A certain quantity of milk, on the other hand, was reported from farms which reported no dairy cows. This is included in the total and may represent either milk produced by beef cows milked a part of the year on farms having no dairy cows or milk produced on farms which kept dairy cows some time during the year 1919 but had none on January 1, 1920. It may be safely assumed that the returns for butter and cheese made on farms and for milk, cream, butter fat, and butter sold are much more nearly complete than in the case of milk produced. Hence no estimates have been made for these items.

TABLE 28.—DAIRY COWS ON FARMS, 1920; AND DAIRY PRODUCTS, 1919 AND 1909.

ITEM.	FARMS REPORTING.		Number or quantity.	Unit.	Value.
	Number.	Per cent of all farms.			
Dairy cows on farms Jan. 1, 1920, total.....	107,274	85.1	802,095	Head.	.....
On farms reporting milk produced.....	143,655	73.1	704,768	Head.	.....
On farms not reporting milk produced.....	23,619	12.0	97,327	Head.	.....
Average production of milk per dairy cow, 1919 ¹			461	Gals.	.....
Specified dairy products:					
Milk, as reported..... 1919.....			337,954,384	Gals.	.....
Total production of milk, including estimates..... 1919.....			382,322,631	Gals.	.....
..... 1909.....			352,858,189	Gals.	.....
Increase, 1909-1919.....			29,464,451	Gals.	.....
Per cent of increase.....			8.5		.....
Butter made..... 1919.....	109,163	55.0	25,755,423	Lbs.	\$13,706,212
..... 1909.....	131,519	63.5	50,405,428	Lbs.	\$11,805,872
Cheese made..... 1919.....	377	0.2	76,060	Lbs.	\$20,836
..... 1909.....	240	0.1	291,176	Lbs.	\$30,228
Milk sold..... 1919.....	44,380	22.6	130,864,366	Gals.	\$34,335,072
..... 1909.....	25,853	12.5	74,025,769	Gals.	\$8,365,401
Cream sold..... 1919.....	21,978	11.2	4,459,626	Gals.	\$5,904,703
..... 1909.....	9,537	4.6	2,485,061	Gals.	\$1,675,024
Butter fat sold..... 1919.....	58,378	29.7	31,647,906	Lbs.	\$17,041,904
..... 1909.....	28,334	13.7	18,287,661	Lbs.	\$4,845,013
Butter sold..... 1919.....	44,874	22.8	10,154,860	Lbs.	\$5,441,434
..... 1909.....	92,853	44.9	30,010,783	Lbs.	\$7,178,433
Value of milk, cream, and butter fat sold, and of butter and cheese made ² 1919.....					\$71,674,727
..... 1909.....					\$25,727,538
Increase, 1909-1919.....					\$44,347,189
Per cent of increase.....					168.9
Receipts from sale of dairy products ³ 1919.....					\$62,783,113
..... 1909.....					\$22,099,178
Increase, 1909-1919.....					\$40,683,935
Per cent of increase.....					184.1

¹ Based on the 1919 milk production as reported for dairy cows, and the number of dairy cows on hand Jan. 1, 1920.

² This item represents the total farm value of dairy products, excluding milk and cream consumed as such on the farm where produced.

³ Figures for 1919 do not include "cheese sold," as that item was not reported for 1919. The value of cheese sold in 1909 was \$35,307.

TABLE 29.—SHEEP ON FARMS, 1920 AND 1910; GOATS ON FARMS, 1920; AND WOOL AND MOHAIR PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Number of sheep (or goats) on hand.	WOOL (OR MOHAIR) PRODUCED.		
			Number of animals shorn.	Weight (pounds).	Value.
Sheep on farms Jan. 1, 1920, total.....	35,451	1,269,191	.....	.....	.....
On farms reporting wool.....	29,390	1,051,414	.....	.....	.....
On farms not reporting wool.....	6,061	154,777	.....	.....	.....
Sheep of shearing age ¹ on farms Apr. 15, 1910.....	51,871	1,545,241	.....	.....	.....
Wool produced, as reported, total..... 1919.....	30,438	.....	606,640	7,051,030	\$4,131,704
On farms reporting sheep.....	29,390	.....	577,164	6,830,771	\$4,000,330
On farms not reporting sheep.....	1,048	.....	29,476	215,168	\$122,374
Total production of wool, including estimates..... 1919.....				7,835,558	\$4,222,079
..... 1909.....				11,065,403	\$3,425,330
Increase, 1909-1919 ²				-3,229,845	\$1,194,649
Per cent of increase ²				-34.5	34.8
Goats raised for fleeces, on farms Jan. 1, 1920.....	55	435	.....	.....	.....
Mohair produced, as reported, total..... 1919.....	43	.....	438	1,617	\$790
..... 1909.....	117	.....	.....	5,677	\$1,712

¹ Sheep born before Jan. 1, 1910.

² A minus sign (-) denotes decrease.

TABLE 30.—CHICKENS (OR FOWLS) ON FARMS, 1920 AND 1910; AND POULTRY PRODUCTS, 1919 AND 1909.

(The products shown for 1919 include chicken eggs and chickens only, while the 1909 figures include the products of all kinds of poultry.)

ITEM.	FARMS REPORTING.		Number or quantity.	Value.
	Number.	Per cent of all farms.		
Chickens on farms Jan. 1, 1920, total.....	189,664	92.0	Number.	
On farms reporting eggs produced.....	108,093	85.6	10,913,045	.....
On farms reporting chickens raised.....	140,874	74.8	10,344,123	.....
Fowls on farms Apr. 15, 1910.....	189,417	91.5	9,426,018	.....
Eggs produced, as reported..... 1919.....	160,208	86.1	Dozens.	
Total production of eggs, including estimates..... 1919.....			53,382,336	\$22,340,107
..... 1909.....			55,098,099	23,514,510
Eggs sold, as reported..... 1919.....	146,282	74.5	50,915,861	11,734,799
..... 1909.....	154,060	74.4	30,362,204	15,151,355
Chickens raised, as reported..... 1919.....	147,821	75.2	38,508,380	7,647,202
Total chickens raised, including estimates..... 1919.....			Number.	
..... 1909.....			10,700,006	9,801,478
Chickens sold, as reported..... 1919.....	102,895	52.4	12,441,555	11,460,231
..... 1909.....	120,801	58.4	12,577,637	6,101,440

TABLE 31.—BEES ON FARMS, 1920 AND 1910; AND HONEY AND WAX PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Hives of bees.	PRODUCT.	
			Quantity (pounds).	Value.
Bees on farms Jan. 1, 1920, total.....	11,724	93,348	.....	.....
On farms reporting honey.....	6,060	70,320	.....	.....
On farms not reporting honey.....	4,764	23,028	.....	.....
Bees on farms Apr. 15, 1910.....	10,892	115,274	.....	.....
Honey produced..... 1919.....	7,086	.....	1,321,447	\$409,610
..... 1909.....	11,249	.....	2,507,810	280,137
Wax produced..... 1919.....			20,304	7,110
..... 1909.....			28,524	7,665

CROPS.

Summary: 1919 and 1909.—This section summarizes the census data relative to all of the farm crops of 1919 and 1909, except that it does not include nursery or greenhouse products or forest products of farms.

In comparing one year with another it should be borne in mind that the acreage of crops (or the number of fruit trees) and the number of farms reporting are

on the whole a better index of the general changes or tendencies in agriculture than either the quantity or the value of the crops, since variations in quantity may be due mainly to favorable or unfavorable seasons, and variations in the value of the crops may result largely from changes in prices between one census year and the next.

TABLE 32.—SUMMARY FOR ALL CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.				ACRES HARVESTED.			PRODUCTION.					
	Number.		Per cent of all farms.		1919	1909	Per cent of increase. ¹	Quantity.			Value.		
	1919	1909	1919	1909				Unit.	1919	1909	Per cent of increase. ¹	1919	1909
All crops					9,168,200	8,194,842	11.9					\$404,014,810	\$152,102,889
With acreage reports												368,163,808	149,189,467
With no acreage reports												35,850,942	11,013,402
Cereals, total²					5,114,085	4,415,428	15.8	Bu.	120,383,086	121,892,638	-1.2	170,897,885	70,544,250
Corn	145,024	131,901	74.1	78.2	1,280,155	1,589,500	-20.2	Bu.	45,088,012	52,908,842	-14.8	67,633,385	29,580,929
Oats	141,312	141,731	71.9	68.5	1,514,808	1,429,070	6.0	Bu.	36,956,425	43,809,502	-15.8	31,412,962	18,506,105
Wheat, total	103,093	82,214	52.5	39.7	1,050,087	802,137	31.7	Bu.	20,411,525	16,025,791	37.4	45,722,488	10,580,808
Winter	87,217	70,588	44.4	38.5	947,842	703,006	19.4	Bu.	19,232,161	15,899,301	21.0	43,080,044	10,458,878
Spring	21,759		11.1		109,345	8,531		Bu.	1,179,004	126,490	832.6	2,642,444	127,900
Barley and spelt	849	1,810	0.3	0.9	2,074	6,742	-60.3	Bu.	51,353	154,103	-66.7	87,307	97,414
Rye	54,897	21,601	27.9	10.4	296,515	93,065	218.6	Bu.	4,892,708	2,132,101	126.3	6,433,742	1,232,344
Buckwheat	77,821	48,889	39.6	23.6	912,001	419,020	117.9	Bu.	12,168,182	5,814,394	109.3	18,232,201	8,944,610
Mixed crops ³	10,209	17,933	5.2	8.7	41,420	75,909	-45.4	Bu.	524,004	958,110	-45.3	812,203	594,745
	2,810		1.4		10,879			Bu.	379,016			493,607	
Other grains and seeds with acreage reports, total³					361,535	498,928	-27.5					19,177,833	11,080,285
Dry edible beans	40,561	55,466	23.7	26.8	814,873	403,009	-22.6	Bu.	4,352,317	5,252,511	-18.0	17,329,208	9,716,515
Soy beans	1,430		0.7		6,257			Bu.	75,515			384,725	
Peanut	9,225	18,128	4.7	8.8	38,574	94,932	-59.1	Bu.	454,639	1,162,403	-60.9	1,369,517	1,337,439
Flaxseed	181	187	0.1	0.1	1,327	201	396.8	Bu.	13,627	2,943	363.0	42,247	4,051
Sugar-beet seed	19		(%)		234			Lbs.	96,292			67,775	
Seeds with no acreage reports, total⁴													
Red clover seed	14,611		7.4					Bu.	144,696	151,567	-4.5	4,264,754	1,008,761
Other clover and alfalfa seed	2,680		1.4					Bu.	101,223			3,036,990	
Timothy seed	515	233	0.3	0.1				Bu.	30,714	138,492	-4.7	890,793	942,195
Millet seed	154	40	0.1	(0)				Bu.	4,125	10,682	-61.4	24,750	19,466
								Bu.	7,303	2,226	230.8	29,452	2,203
Hay and forage, total⁵	175,241	170,956	89.2	82.6	3,644,352	2,715,447	32.8	Tons.	6,345,510	3,834,196	65.2	105,280,992	36,049,801
All tame or cultivated grasses					2,750,802	2,572,423	6.9	Tons.	3,063,392	3,178,277	-3.6	77,443,255	34,267,675
Timothy alone	50,754	58,731	25.8	28.4	655,784	749,493	-12.5	Tons.	718,012	329,165	-22.7	18,668,312	10,430,364
Timothy and clover mixed	119,229	119,320	60.7	57.7	1,852,780	1,625,229	14.0	Tons.	2,044,711	1,991,618	2.7	51,117,775	21,276,325
Clover alone	12,668	18,987	6.5	9.2	120,269	168,180	-28.5	Tons.	131,517	216,862	-39.4	3,150,403	2,103,819
Alfalfa	11,942	1,456	6.1	0.7	74,059	6,553		Tons.	118,671	13,872	754.8	3,438,559	160,273
Other tame grasses ⁶	7,785		4.0		47,931	22,908	108.2	Tons.	50,681	26,760	89.0	1,092,201	227,794
Wild, silt, or prairie grasses	5,831	3,899	3.0	1.9	49,856	33,345	48.5	Tons.	57,071	39,970	45.0	782,627	232,416
Small grains cut for hay	10,421		5.3		59,454			Tons.	44,389			843,391	
Annual legumes cut for hay	1,166	3,683	0.6	1.8	6,554	10,415	240.0	Tons.	6,230	29,035	-74.4	125,000	170,997
Silage crops	35,303		19.5		348,254			Tons.	2,551,804			10,138,561	
Corn cut for forage ⁷	53,767		27.4		418,031	89,410		Tons.	566,932	370,887		6,230,252	1,320,047
Kafr, sorghum, etc., for forage	12		(c)		40			Tons.	87			957	
Root crops for forage	6,918		3.5		11,862	838		Tons.	54,672	7,027	678.0	710,740	49,703
Vegetables, total													
Potatoes (Irish or white)	155,752	176,649	79.3	85.4	280,538	305,483	-23.2	Bu.	23,920,560	38,243,828	-37.4	65,098,550	13,201,328
Sweet potatoes and yams	94	124	(c)	0.1	22	24		Bu.	728	900	-19.9	49,055,600	9,913,778
Other vegetables ⁸	24,224	148,030	12.3	71.5	50,955	90,861						1,826	905
Farm garden ⁹	103,676		88.8									6,455,768	6,286,645
												9,583,350	
Miscellaneous crops, total												13,186,903	4,838,724
Sugar beets grown for sugar	14,812	14,639	7.5	7.1	106,450	78,711	35.2	Tons.	1,025,550	700,090	45.1	11,793,836	4,010,178
Sorghum grown for sirup	1,666	1,223	0.8	0.6	711	338	110.4	Tons.	2,306	2,157	6.9	35,591	12,828
Maple sugar and sirup	6,570	6,542	3.3	3.2								609,519	833,791
Hemp	3		(c)		244			Lbs.	255,666			35,350	
Chicory	480	625	0.2	0.3	1,784	1,584	12.6	Lbs.	18,195,093	19,204,000	-5.2	90,980	70,026
Mint and mint oil	942	446	0.2	0.2	3,378	6,360	-39.0	Lbs.	113,135	121,169	-6.7	695,975	194,391
Sundry minor crops ¹²					40	69						34,952	17,618
Fruits, total												26,123,793	12,599,720
Small fruits	51,254		15.9		21,021	21,419	-1.9	Qts.	23,946,801	27,214,658	-12.0	4,736,480	2,028,893
Other fruits												21,393,313	10,570,826

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100 or when per cent is more than 1,000.
² Excluding 418,931 acres reported for corn cut for forage, which is practically all duplicated in the acreage shown for corn harvested as grain.
³ The 1909 figures include a small quantity of kafr and milo.
⁴ Principally oats and barley grown and harvested together.
⁵ The 1909 figures include small quantities of golden-seal seed (value paid) and peanuts.
⁶ Less than one-tenth of 1 per cent.
⁷ Includes small quantities of "other grass seed" (1919 and 1909) and of vetch seed (1919). The total values include the value of flower and vegetable seeds, as follows: For 1919, \$274,756; for 1909, \$14,108. The acreage for flower and vegetable seeds was incompletely reported and has not been tabulated. The entire acreage

from which the grass and clover seeds were secured is believed to be included in the acreage given elsewhere for hay and forage.
⁸ Corn cut for forage was not reported to any extent in 1909; hence no fair comparison between 1919 and 1909 can be made, either for the hay and forage totals or for the bracketed group in which corn cut for forage appears.
⁹ Includes millet and Hungarian grass.
¹⁰ The 1919 figures represent vegetables raised for sale only.
¹¹ In 1909 the value of the farm garden was largely included in the value of "other vegetables."
¹² These crops comprise tobacco, broom corn, and ginseng (1919 and 1909), and hops and willows (1909).
¹³ Includes the value of a small quantity of nuts.

The combined acreage of crops harvested in Michigan in 1919 for which the acreage was reported was 9,168,200, which represents 70.9 per cent of the total improved land in farms (12,925,521 acres). The total crop acreage reported for 1909 was 8,194,842, or 63.9 per cent of the improved land in farms (12,832,078 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage of which was not reported.

In addition to the crops regularly harvested in 1919, as shown in the tables, there were reported 13,039 acres of mature crops grazed or "hogged off."

Farm value of crops.—At the census of 1920 the farm schedule called for the value of all farm property, including live stock, and the value of live-stock products sold.

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

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

TABLE 33.—ACREAGE OF IMPORTANT CROPS: 1879 TO 1919.

CROP.	1919	1909	1899	1889	1879
Corn.....	1,269,155	1,589,596	1,501,189	994,597	919,656
Oats.....	1,514,803	1,429,076	1,019,438	1,085,759	536,187
Wheat.....	1,056,087	802,137	1,925,769	1,501,225	1,822,749
Barley.....	256,515	93,065	44,865	99,305	54,506
Rye.....	612,051	419,020	174,096	149,754	22,315
Buckwheat.....	41,426	75,909	55,669	70,046	33,948
Dry edible beans.....	314,373	403,669	167,025		
Dry peas.....	39,874	94,932	71,376		
Hay and forage.....	3,644,952	2,715,447	2,328,493	2,024,736	1,245,441
Potatoes.....	280,538	365,483	311,963	198,476	128,848
Sugar beets grown for sugar.....	106,450	78,711	40,247		

¹ Includes 418,031 acres in corn cut for forage. This crop was not included to any extent in the hay and forage totals prior to 1919.

TABLE 34.—PERCENTAGES AND AVERAGES FOR IMPORTANT CROPS: 1919 AND 1909.

CROP.	PER CENT OF IMPROVED LAND OCCUPIED.		AVERAGE YIELD PER ACRE.		AVERAGE VALUE PER ACRE.		
	1919	1909	Unit.	1919	1909	1919	1909
Corn.....	9.8	12.4	Bu....	35.5	31.3	\$53.29	\$12.01
Oats.....	11.7	11.1	Bu....	21.4	30.7	20.74	12.05
Wheat.....	8.2	6.3	Bu....	19.3	20.0	43.27	20.63
Barley.....	2.3	0.7	Bu....	16.2	22.9	21.87	13.21
Rye.....	7.1	3.3	Bu....	13.3	13.9	19.99	9.41
Buckwheat.....	0.3	0.6	Bu....	12.6	12.6	19.01	7.84
Dry edible beans.....	2.4	3.1	Bu....	13.8	13.1	55.01	21.07
Dry peas.....	0.3	0.7	Bu....	11.7	2.2	35.09	14.09
Hay and forage.....	28.2	21.2	Tons..	1.71	1.34	28.88	13.28
Potatoes.....	2.2	2.8	Hu....	85.3	101.0	174.86	27.13
Sugar beets grown for sugar.....	0.8	0.6	Tons..	9.63	8.98	110.79	56.95

TABLE 35.—VEGETABLES RAISED FOR SALE: 1919.

(Vegetables other than potatoes and sweet potatoes.)

CROP.	FARMS REPORTING.		Acres harvested.	Value of product.
	Number.	Per cent of all farms.		
Total.....	24,224	12.3	50,955	\$6,455,793
Asparagus.....	237	0.1	256	34,523
Beans (green).....	2,062	1.1	2,073	184,491
Beets.....	288	0.1	141	24,321
Cabbages.....	4,510	2.3	4,297	613,265
Cantaloupes and muskmelons.....	2,174	1.1	2,347	465,489
Carrots.....	671	0.3	344	80,097
Cauliflower.....	119	0.1	101	19,073
Celery.....	1,218	0.6	3,313	1,212,627
Corn (pop).....	697	0.4	1,745	103,010
Corn (sweet).....	4,099	2.5	0,944	483,479
Cucumbers.....	11,813	6.0	10,351	1,176,686
Lettuce.....	647	0.3	412	143,948
Onions.....	2,806	1.4	2,154	530,151
Peas (green).....	2,318	1.2	7,022	280,373
Peppers (green).....	199	0.1	118	29,687
Radishes.....	135	0.1	133	27,732
Rhubarb.....	117	0.1	156	48,354
Squashes.....	480	0.2	421	28,721
Tomatoes.....	5,388	2.7	4,074	706,215
Turnips.....	128	0.1	107	11,485
Watermelons.....	1,252	0.6	727	101,444
All other vegetables.....			300	91,267
Mixed vegetables.....	300	0.2	489	84,085

TABLE 36.—SUGAR CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres (or trees).	PRODUCTION.		
	Number.	Per cent of all farms.		Quantity.	Unit.	Value.
Maple sugar and sirup, total.....	6,570	3.3	Trees tapped.....			
1919.....			858,881			\$600,519
1909.....	6,542	3.2	980,737			333,791
Sugar made.....	1,308	0.6		77,178	Lbs..	28,557
1919.....				263,301	Lbs..	95,841
1909.....	1,308	0.6		200,795	Gals.	580,002
Sirup made.....	6,309	3.1		269,083	Gals.	298,450
Sugar beets grown for sugar.....	14,812	7.5	Acres.....	1,025,550	Tons.	11,793,836
1919.....	14,630	7.1	78,711	706,690	Tons.	4,010,178
1909.....						
Sorghum grown for sirup.....	1,065	0.8		12,300	Tons.	
1919.....	1,223	0.6		2,157	Tons.	
1909.....				21,071	Gals.	33,591
1909.....				21,350	Gals.	12,526

¹ Figures include estimates for incomplete reports.

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TABLE 37.—SMALL FRUITS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres harvested.	PRODUCTION.	
	Number.	Per cent of all farms.		Quantity (quarts).	Value.
Total.....1919..	31,254	15.9	21,021	23,946,801	\$4,736,480
.....1909..			21,419	27,214,659	2,028,885
Strawberries.....1919..	21,987	11.2	8,018	12,585,543	2,265,400
.....1909..	16,798	8.1	8,051	14,218,768	1,000,788
Raspberries.....1919..	14,272	7.3	9,780	7,632,580	1,760,100
.....1909..	17	(¹)	18	5,230	996
Raspberries and loganberries.....1909..	11,075	5.4	8,786	8,381,943	605,019
Blackberries and dewberries.....1919..	3,632	1.8	2,165	2,452,909	400,580
.....1909..	4,707	2.3	2,973	3,075,954	218,174
Cranberries.....1919..	50	(¹)	22	20,307	3,057
.....1909..	91	(¹)	202	129,536	6,992
Currants.....1919..	2,290	1.2	629	630,481	127,295
.....1909..	3,458	1.7	609	768,259	58,288
Other berries.....1919..	648	0.3	353	593,682	89,052
.....1909..			798	644,199	49,604

¹ Less than one-tenth of 1 per cent.

TABLE 38.—FRUIT TREES AND GRAPEVINES NOT OF BEARING AGE: 1920 AND 1910.

FRUIT.	FARMS REPORTING.				TREES OR VINES NOT OF BEARING AGE.	
	Number.		Per cent of all farms.		1920	1910
	1920	1910	1920	1910		
Orchard fruits, total ¹	51,584	.....	26.3	.....	3,615,184	6,679,949
Apples.....	38,502	87,846	19.6	42.4	2,050,229	2,253,072
Peaches.....	10,860	28,377	5.5	13.7	764,838	2,991,090
Pears.....	14,347	20,058	7.3	14.0	302,734	623,931
Plums and prunes.....	12,621	25,331	6.4	12.2	142,057	253,179
Cherries.....	17,657	29,792	9.0	14.4	351,892	540,580
Grapes.....	6,617	11,040	3.4	5.3	607,149	1,869,648

¹ Includes apricots, quinces, and (for 1910) mulberries. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

TABLE 39.—ORCHARD FRUITS AND GRAPES: 1919 AND 1909.

FRUIT.	FARMS REPORTING TREES OR VINES OF BEARING AGE.				NUMBER OF TREES OR VINES OF BEARING AGE.		PRODUCTION.				
	Number.		Per cent of all farms.		1920	1910	Quantity.			Value.	
	1920	1910	1920	1910			Unit.	1919	1909	1919	1909
Orchard fruits, total ¹	142,984		72.8		10,112,005	12,842,827	Bu.....	7,261,831	15,220,104	\$15,599,738	\$9,020,842
Apples.....	133,382	153,026	67.9	73.9	5,615,905	7,534,343	Bu.....	5,843,271	12,332,296	11,686,542	5,969,080
Peaches.....	21,133	47,060	10.8	22.7	2,010,022	2,907,170	Bu.....	448,177	1,686,586	1,232,495	1,700,330
Pears.....	64,847	75,567	33.0	36.5	1,029,735	1,136,151	Bu.....	405,189	666,023	871,155	535,771
Plums and prunes.....	40,853	49,498	20.8	23.9	377,123	464,917	Bu.....	203,091	181,188	507,750	205,765
Cherries.....	68,378	73,913	34.8	35.7	1,076,748	760,183	Bu.....	300,952	338,945	1,299,428	590,829
Grapes.....	46,090	41,485	23.5	20.0	11,097,734	11,913,576	Lbs...	115,871,465	120,695,997	5,793,575	1,531,057

¹ Includes apricots, quinces, and (for 1910) mulberries. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920,

	THE STATE.	Alcona.	Alger.	Allegan.	Alpena.	Antrim.	Arenac.	Baraga.
ALL FARMS.								
1 Number of farms, 1920.....	196,447	932	386	5,734	1,275	1,481	1,392	653
2 1910.....	206,990	881	278	6,217	1,326	1,641	1,440	412
3 1900.....	203,261	743	124	6,089	1,187	1,283	1,186	241
4 All farmers classified by sex, 1920:								
5 Male..... number.....	199,671	895	389	5,501	1,234	1,432	1,362	629
6 Female..... number.....	5,776	37	6	233	41	49	30	24
7 Color and nativity of all farmers, 1920:								
8 Native white..... number.....	147,450	490	71	4,679	884	1,007	657	89
9 Foreign-born white..... number.....	48,264	426	315	1,018	688	473	729	549
10 Negro and other nonwhite..... number.....	733	6	.....	37	3	1	6	15
11 All farms classified by size, 1920:								
12 Under 3 acres..... number.....	325	2	.....	11	2	2	1	.....
13 3 to 9 acres..... number.....	5,678	5	1	182	9	13	16	14
14 10 to 19 acres..... number.....	6,741	3	3	272	8	40	25	10
15 20 to 49 acres..... number.....	40,765	155	175	1,680	181	302	354	269
16 50 to 99 acres..... number.....	71,391	366	135	2,181	495	575	552	212
17 100 to 174 acres..... number.....	52,645	248	67	1,135	395	370	328	113
18 175 to 299 acres..... number.....	13,236	88	7	201	110	118	76	20
19 300 to 499 acres..... number.....	4,839	46	4	60	61	44	32	9
20 500 to 999 acres..... number.....	634	12	4	9	11	8	6	.....
21 1,000 acres and over..... number.....	193	7	.....	2	2	3	2	.....
LAND AND FARM AREA.								
22 Approximate land area, 1920..... acres.....	36,787,200	437,760	588,890	533,120	373,760	304,000	239,360	586,880
23 Land in farms, 1920..... acres.....	19,062,991	131,388	30,389	436,616	153,720	159,933	135,334	48,048
24 1910..... acres.....	18,940,614	104,732	29,539	472,708	147,976	145,430	114,176	34,814
25 1900..... acres.....	17,561,998	69,793	14,536	401,066	120,285	108,327	79,788	29,058
26 Improved land in farms, 1920..... acres.....	12,925,521	49,577	8,379	327,395	63,237	83,952	72,851	14,437
27 1910..... acres.....	12,842,678	38,037	5,643	354,105	61,403	78,810	55,671	9,344
28 1900..... acres.....	11,799,250	23,201	2,290	338,514	38,263	55,624	35,526	5,899
29 Woodland in farms, 1920..... acres.....	3,217,000	32,998	14,142	46,839	50,243	50,890	49,220	20,985
30 Other unimproved land in farms, 1920..... acres.....	2,889,440	48,813	7,859	62,372	40,249	22,121	13,263	7,626
31 Per cent of land area in farms, 1920.....	51.7	30.0	5.2	81.9	41.1	51.6	56.5	8.3
32 Per cent of farm land improved, 1920.....	67.9	37.7	27.6	75.0	41.1	53.5	53.8	29.5
33 Average acreage per farm, 1920.....	96.9	141.0	78.7	76.1	120.6	106.0	97.2	75.0
34 Average improved acreage per farm, 1920.....	65.8	53.2	21.7	57.1	49.6	56.7	52.3	22.1
VALUE OF FARM PROPERTY.								
35 All farm property, 1920..... dollars.....	1,763,334,778	5,589,934	1,605,489	42,859,408	6,076,095	7,494,643	7,047,590	2,913,205
36 1910..... dollars.....	1,088,858,379	2,485,811	814,237	32,108,556	3,338,255	4,881,093	3,949,878	1,145,632
37 1900..... dollars.....	690,355,734	999,685	151,388	19,850,228	1,830,038	2,447,490	1,523,941	360,398
38 Land in farms, 1920..... dollars.....	953,185,538	2,815,000	735,164	21,725,036	2,812,655	3,988,232	4,005,634	1,438,910
39 1910..... dollars.....	615,258,348	1,336,190	514,250	17,903,302	1,690,813	2,539,680	2,088,245	600,780
40 1900..... dollars.....	424,569,950	501,910	85,290	12,223,200	988,470	1,278,210	799,020	186,940
41 Farm buildings, 1920..... dollars.....	477,499,672	1,351,790	458,705	12,771,617	1,690,484	2,018,723	2,119,781	800,555
42 1910..... dollars.....	287,873,951	596,846	171,425	8,981,970	883,105	1,332,640	1,015,125	331,835
43 1900..... dollars.....	158,647,769	194,120	27,030	4,856,110	361,630	566,250	314,580	90,470
44 Implements and machinery, 1920..... dollars.....	122,389,936	476,099	104,002	2,985,251	520,751	501,931	634,228	221,775
45 1910..... dollars.....	49,916,285	155,845	45,778	1,409,118	234,243	206,831	219,469	78,583
46 1900..... dollars.....	28,735,380	71,840	10,740	825,260	122,330	156,930	110,060	25,240
47 Live stock on farms, 1920..... dollars.....	204,258,632	938,075	307,618	5,373,414	1,052,205	985,757	1,097,947	451,905
48 1910..... dollars.....	137,814,795	496,160	82,781	3,812,166	550,064	692,042	627,039	131,434
49 1900..... dollars.....	79,042,644	231,816	30,328	1,945,598	367,608	446,100	300,281	57,748
50 Average values, 1920:								
51 All property per farm..... dollars.....	8,976	5,988	4,150	7,474	4,766	5,061	5,709	4,461
52 Land and buildings per farm..... dollars.....	7,313	4,471	3,093	6,016	3,532	4,056	4,405	3,430
53 Land alone per acre..... dollars.....	50.40	21.43	24.20	40.76	18.30	25.41	30.26	29.40
FARMS OPERATED BY OWNERS.								
54 Number of farms, 1920.....	159,406	840	379	4,825	1,185	1,299	1,254	605
55 1910.....	172,310	808	269	5,319	1,248	1,506	1,301	400
56 1900.....	169,814	701	121	5,142	1,090	1,156	1,087	235
57 Per cent of all farms, 1920.....	89.1	90.1	98.2	84.1	92.9	87.7	90.1	92.6
58 Land in farms, 1920..... acres.....	14,541,461	104,524	28,889	352,692	135,104	129,609	114,368	44,937
59 Improved land in farms, 1920..... acres.....	8,849,841	43,768	7,828	261,757	56,931	71,269	63,829	13,158
60 Value of land and buildings, 1920..... dollars.....	1,056,478,628	3,501,000	1,117,669	27,438,183	3,952,159	5,010,825	5,363,575	2,058,915
61 Degree of ownership, 1920:								
62 Farmers owning entire farm..... number.....	139,874	759	374	4,297	1,149	1,138	1,111	585
63 Farmers hiring additional land..... number.....	19,532	81	5	528	36	161	143	20
64 Color and nativity of owners, 1920:								
65 Native white owners..... number.....	115,624	419	67	3,855	537	857	574	70
66 Foreign-born white owners..... number.....	43,219	415	312	940	645	441	674	525
67 Negro and other nonwhite owners..... number.....	563	6	.....	30	3	1	6	10
FARMS OPERATED BY MANAGERS.								
68 Number of farms, 1920.....	2,319	15	4	84	25	17	8	12
69 1910.....	1,091	19	5	91	21	13	12	3
70 1900.....	2,234	6	1	79	49	3	8	1
71 Land in farms, 1920..... acres.....	587,591	16,401	1,220	9,828	9,578	8,935	7,730	1,668
72 Improved land in farms, 1920..... acres.....	272,352	1,797	440	6,476	2,840	2,409	1,260	498
73 Value of land and buildings, 1920..... dollars.....	50,198,044	283,209	66,200	1,005,610	279,500	199,700	164,070	81,200
FARMS OPERATED BY TENANTS.								
74 Number of farms, 1920.....	34,722	77	3	825	65	165	130	36
75 1910.....	32,689	66	4	807	57	122	127	9
76 1900.....	32,213	36	2	898	48	124	91	5
77 Per cent of all farms, 1920.....	17.7	8.3	0.8	14.4	5.1	11.1	9.3	5.5
78 Land in farms, 1920..... acres.....	3,903,669	10,463	280	74,099	9,047	18,419	13,236	2,343
79 Improved land in farms, 1920..... acres.....	2,806,328	4,074	111	67,162	3,460	10,274	7,762	781
80 Value of land and buildings, 1920..... dollars.....	330,009,228	382,650	10,000	6,052,050	271,480	799,430	687,770	99,350
81 Form of tenancy, 1920:								
82 Share tenants..... number.....	23,280	30	1	488	21	99	90	2
83 Share-cash tenants..... number.....	422	.....	.....	15	.....	.....	3	.....
84 Cash tenants..... number.....	9,312	39	2	227	41	57	28	26
85 Unspecified..... number.....	1,708	8	.....	95	3	9	9	8
86 Color and nativity of tenants, 1920:								
87 Native white tenants..... number.....	29,901	58	1	747	33	135	76	13
88 Foreign-born white tenants..... number.....	4,060	19	2	71	32	30	54	18
89 Negro and other nonwhite tenants..... number.....	191	7	5

AGRICULTURE—MICHIGAN.

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WITH SELECTED ITEMS FOR 1910 AND 1900.

Barry.	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Crawford.
3,313 3,428 3,570	3,216 3,233 3,193	072 1,245 949	5,443 5,252 5,094	3,222 3,378 3,475	3,046 3,761 4,100	2,572 2,556 2,609	1,306 1,400 1,295	1,186 1,499 1,164	1,569 1,399 1,036	1,248 1,302 852	3,323 3,497 3,777	212 248 228
3,220 93	3,121 95	915 57	5,222 221	3,148 74	3,571 75	2,485 87	1,275 31	1,112 74	1,511 58	1,219 29	3,251 72	204 8
3,107 204 2	1,822 1,389 5	765 202 5	3,866 1,569 8	3,040 1 80 2	3,371 261 14	2,222 171 179	889 407 10	727 452 7	505 1,060 4	957 291	3,000 322 1	135 77 8
4 115 97 534 1,163	3 144 187 952 1,281	45 52 226 329	11 365 748 2,025 1,440	1 115 115 521 1,165	7 147 153 476 1,010	3 87 91 383 757	2 23 39 305 441	18 8 32 319 415	3 8 19 223 558	1 22 22 191 430	1 74 71 420 1,256	1 1 4 54 57
1,032 271 93 4	545 73 26 5	214 76 26 3 1	708 180 52 5 3	1,005 223 66 11 3	1,259 446 135 12 1	805 326 114 5 1	360 93 34 3 6	277 79 36 8 2	563 138 51 4 2	352 101 89 22 18	1,149 257 88 7 4	53 18 14 6 4
355,840 332,369 386,830 342,157	283,520 227,932 213,222 196,343	200,960 89,414 98,588 67,814	364,160 320,690 333,326 340,330	318,080 308,805 306,480 309,246	443,520 407,958 411,801 420,590	315,520 286,001 295,435 307,951	263,040 134,723 127,625 104,930	464,000 127,197 170,237 95,080	1,006,720 185,202 104,905 121,207	372,480 180,581 104,905 82,236	365,440 343,905 351,640 366,327	368,000 50,884 46,610 29,248
245,983 252,207 251,826 42,617 43,769	107,998 142,635 120,605 43,725 16,209	49,047 48,856 30,951 27,754 12,613	262,917 269,074 263,364 32,633 31,140	227,781 228,379 227,385 27,123 53,901	301,566 310,968 321,221 38,440 67,943	219,426 224,140 232,601 33,302 29,263	64,744 61,587 45,076 46,861 23,118	55,937 79,336 35,379 38,921 32,339	105,870 50,925 48,374 67,610 10,549	65,801 53,921 28,420 67,610 53,170	275,734 282,259 277,031 47,496 20,735	11,048 50,884 7,823 29,702 10,134
93.4 74.0 100.3 74.2	80.4 73.7 70.9 52.2	44.5 54.9 92.0 50.5	89.7 80.5 90.0 48.3	97.1 73.8 95.8 70.7	92.0 73.9 111.0 82.7	91.0 70.5 111.0 85.3	51.2 48.1 103.2 49.6	27.4 44.0 107.2 47.2	18.4 57.2 115.0 67.5	50.1 35.3 149.5 52.7	94.1 80.2 103.5 83.0	13.8 21.7 240.0 52.1
27,242,967 18,688,292 12,671,669	23,902,673 13,678,516 9,016,045	4,795,054 3,508,730 1,460,816	51,255,030 34,518,200 22,605,285	32,542,366 21,642,944 14,485,839	36,007,005 25,691,237 18,729,349	20,468,309 18,147,622 12,808,211	6,232,500 3,943,607 2,303,839	5,356,024 3,440,814 1,920,407	12,741,647 5,030,568 2,150,569	7,519,162 3,772,043 1,198,533	41,769,505 25,550,457 16,880,491	1,281,006 787,245 261,068
13,841,167 9,959,541 7,732,010 7,614,353 5,110,760 2,814,100	12,720,907 7,617,245 5,610,130 6,840,978 3,322,255 1,934,320	2,865,473 2,041,780 830,750 1,144,707 925,340 356,580	29,308,240 21,610,020 15,256,280 14,785,793 8,974,816 5,077,270	18,811,165 12,268,117 8,794,170 8,075,200 5,814,355 3,541,080	18,805,609 14,614,135 11,263,550 10,520,427 6,840,042 4,809,800	15,766,806 301,326 8,619,539 6,443,581 4,204,443 2,593,530	2,845,680 1,956,215 1,200,540 1,935,000 1,142,380 545,400	2,622,553 1,667,061 1,059,470 1,508,790 994,930 428,000	6,763,185 2,856,832 1,206,390 3,454,445 1,090,638 382,780	3,986,460 2,212,545 657,790 1,900,657 794,735 227,300	23,104,135 14,875,812 10,470,460 10,984,480 6,405,103 3,833,580	684,776 490,380 123,050 383,378 157,960 48,300
2,138,209 911,143 558,050 3,649,178 2,701,848 1,467,409	1,738,044 809,557 465,550 2,602,744 1,820,450 1,006,945	261,579 183,486 81,230 523,836 418,124 192,256	3,045,093 1,108,355 748,530 3,515,028 2,735,099 1,583,205	2,188,699 1,041,981 698,720 3,067,302 2,701,525 1,628,849	2,348,783 1,041,981 698,720 3,067,302 2,701,525 1,628,849	1,624,855 902,613 417,700 2,633,067 2,031,240 1,177,451	513,038 228,816 149,390 938,782 616,096 413,873	500,896 253,568 125,830 823,785 523,855 316,047	1,175,348 344,505 140,760 1,349,069 732,803 420,639	538,100 179,613 55,990 1,088,045 685,750 257,303	2,782,060 1,034,594 630,900 4,898,830 3,234,948 1,945,461	61,885 50,187 22,010 150,975 88,718 58,308
8,223 6,470 41.64	7,432 6,083 55.81	4,934 4,126 32.05	9,417 8,101 89.71	10,201 8,189 50.30	9,901 8,043 46.10	10,201 8,635 54.94	4,772 3,661 21.12	4,516 3,390 10.83	8,121 6,512 36.52	6,025 4,722 21.37	12,570 10,258 67.17	6,042 5,098 13.46
2,638 2,743 2,887 79.6 263,486 185,628 10,017,410	2,841 2,065 2,833 88.3 107,726 145,893 10,830,385	866 1,132 871 89.1 78,827 42,805 3,289,740	4,532 4,204 4,218 83.3 241,723 190,133 34,232,630	2,367 2,508 2,741 73.5 209,064 155,077 17,884,245	2,652 2,700 3,041 72.7 265,812 195,902 18,715,680	1,793 1,780 1,988 69.7 176,909 134,518 13,055,561	1,150 1,312 1,191 58.1 110,430 54,672 3,701,905	1,102 1,425 1,094 62.9 107,511 94,755 3,452,883	1,428 1,287 947 91.0 161,017 94,050 8,966,900	1,048 1,103 767 84.0 135,497 51,776 4,427,257	2,522 2,725 3,072 75.9 252,088 202,307 25,252,310	177 221 218 83.5 38,414 8,273 780,040
2,295 343	2,534 307	710 156	3,095 537	1,939 428	2,311 341	1,557 236	1,008 142	1,033 60	1,250 178	878 170	2,050 472	161 16
2,455 181 2	1,586 1,250 6	677 186 3	3,064 1,462 6	2,208 157 2	2,411 229 12	1,527 146 120	760 381 9	659 436 7	433 991 4	779 269	2,267 255	107 70 01
30 23 21 4,740 3,308 318,650	13 14 57 2,949 1,302 304,200	24 12 6 3,067 2,000 597,100	108 141 54 9,795 7,184 1,801,975	17 11 22 2,227 1,589 291,700	35 32 88 6,117 4,681 593,950	55 20 15 8,572 6,980 732,580	25 15 4 10,115 3,216 643,000	21 11 15 13,791 2,169 388,000	17 8 7 7,320 1,913 292,580	23 8 18 19,890 3,082 475,650	22 16 22 2,779 2,329 268,065	10 9 1 8,004 1,523 175,056
645 662 662 19.5 74,143 56,047 5,119,460	362 254 303 11.3 27,257 20,893 2,418,300	82 101 72 8.4 7,520 4,242 213,400	838 817 822 14.8 75,172 59,600 8,059,425	838 859 712 26.0 97,514 71,115 8,210,420	959 969 971 26.3 135,029 100,983 10,016,400	724 756 606 28.1 101,510 77,922 8,422,246	131 133 100 10.0 14,178 6,856 435,775	63 93 55 5.3 5,895 3,013 190,460	124 98 82 7.9 18,859 9,898 957,150	177 101 67 14.2 81,194 10,943 990,110	779 756 683 23.4 80,098 71,098 8,568,240	25 18 9 11.8 4,466 1,252 104,050
525 4 96 50	118 6 238 2	43 9 27 12	545 9 192 57	645 5 104 84	828 7 112 12	650 5 68 1	71 3 52 5	31 2 30 15	39 1 69 15	129 2 25 21	617 10 148 4	9 76 10 6
624 21	227 135	66 14 2	718 83 2	816 22 2	927 30 2	641 24 59	107 23 1	53 10	65 59	159 18	711 67 1	22 3 81

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

		Delta.	Dickinson.	Eaton.	Emmet.	Genesee.	Gladwin.	Gogebic.	Grand Traverse.
ALL FARMS.									
1	Number of farms, 1920	1,395	429	3,719	1,298	3,639	1,452	528	1,725
2	1910	1,128	235	3,902	1,457	3,896	1,395	257	2,031
3	1900	868	118	4,190	1,134	4,501	769	80	1,722
4	All farmers classified by sex, 1920:								
5	Male	1,346	414	3,665	1,232	3,544	1,419	502	1,660
6	Female	49	15	54	46	95	33	26	56
7	Color and nativity of all farmers, 1920:								
8	Native white	467	124	3,526	915	3,138	946	5	1,366
9	Foreign-born white	926	305	189	365	501	502	523	359
10	Negro and other nonwhite	2		4	18		4		
11	All farms classified by size, 1920:								
12	Under 3 acres	3	1	5	3	3	1	2	3
13	3 to 9 acres	10	4	121	36	124	14	26	27
14	10 to 19 acres	13	6	109	51	127	24	45	41
15	20 to 49 acres	345	145	668	325	587	289	208	392
16	50 to 99 acres	524	131	1,440	455	1,270	594	114	631
17	100 to 174 acres	346	95	1,075	288	1,107	369	33	460
18	175 to 250 acres	96	25	234	91	313	108	2	106
19	250 to 499 acres	49	12	63	41	100	43	6	54
20	500 to 999 acres	7	6	4	4	6	2	2	7
21	1,000 acres and over	2	4		3	2			1
LAND AND FARM AREA.									
22	Approximate land area, 1920	748,160	496,640	365,440	310,400	410,200	332,100	725,120	298,880
23	Land in farms, 1920	142,137	53,451	342,500	125,218	368,520	154,633	27,442	170,188
24	1910	112,811	23,480	345,853	124,972	388,476	128,598	13,119	176,651
25	1900	93,710	12,395	351,743	101,701	400,681	60,878	3,701	148,649
26	Improved land in farms, 1920	53,021	15,149	263,959	61,587	291,624	73,001	9,829	113,852
27	1910	42,932	8,342	268,897	54,265	312,978	54,123	4,742	109,378
28	1900	33,088	5,070	264,523	38,188	312,826	38,000	1,044	83,423
29	Woodland in farms, 1920	53,821	20,278	32,351	38,781	58,330	30,703	10,755	35,000
30	Other unimproved land in farms, 1920	35,295	18,024	40,190	24,850	38,500	30,809	6,868	21,336
31	Per cent of land area in farms, 1920	19.0	10.8	93.7	40.3	87.9	46.6	3.8	56.9
32	Per cent of farm land improved, 1920	37.3	28.3	77.1	49.2	79.1	47.2	35.8	66.9
33	Average acreage per farm, 1920	101.9	124.6	92.1	96.5	101.3	106.5	52.0	98.7
34	Average improved acreage per farm, 1920	38.0	35.3	71.0	47.4	80.1	50.3	18.6	66.0
VALUE OF FARM PROPERTY.									
35	All farm property, 1920	8,154,505	2,805,677	38,828,180	5,748,924	44,599,356	9,171,445	2,950,280	10,843,582
36	1910	3,509,854	941,392	22,895,874	4,084,950	24,074,322	4,072,100	852,988	8,476,299
37	1900	1,737,452	282,576	16,065,393	2,372,304	18,880,467	1,102,936	81,554	4,346,397
38	Land in farms, 1920	3,814,855	1,253,258	19,749,610	2,563,450	24,381,811	4,528,857	1,312,102	5,399,155
39	1910	1,742,405	443,305	12,506,039	2,140,530	13,065,970	2,381,222	475,664	4,815,785
40	1900	881,830	138,210	9,040,330	1,369,000	11,106,430	590,130	33,320	2,502,220
41	Farm buildings, 1920	2,307,120	778,996	11,353,831	1,767,810	12,040,855	2,551,317	1,011,625	3,301,990
42	1910	906,170	302,825	6,340,790	1,141,385	7,010,100	852,700	236,711	2,318,875
43	1900	390,930	68,950	3,946,480	497,610	4,879,100	206,300	24,780	1,049,820
44	Implements and machinery, 1920	728,660	250,650	2,887,585	503,084	2,744,856	608,843	192,450	871,672
45	1910	256,206	70,357	945,634	234,569	1,024,819	201,336	42,006	409,622
46	1900	136,730	17,700	661,000	136,490	702,670	78,940	5,440	226,480
47	Live stock on farms, 1920	1,305,861	522,737	4,837,154	913,980	4,825,834	1,482,428	434,100	1,210,705
48	1910	535,073	124,905	3,104,411	508,606	3,267,433	636,842	98,547	938,017
49	1900	327,962	57,656	1,810,083	309,204	2,192,207	218,506	18,014	567,877
50	Average values, 1920:								
51	All property per farm	5,846	6,540	10,440	4,429	12,256	6,316	5,588	6,286
52	Land and buildings per farm	4,389	4,737	8,363	3,877	10,170	4,870	4,401	5,079
53	Land alone per acre	26.84	23.45	57.66	20.47	66.16	29.20	47.81	31.72
FARMS OPERATED BY OWNERS.									
54	Number of farms, 1920	1,332	406	2,849	1,198	2,684	1,257	522	1,526
55	1910	1,067	221	2,990	1,333	2,983	1,293	250	1,801
56	1900	796	100	3,368	1,034	3,493	699	78	1,529
57	Per cent of all farms, 1920	95.5	94.6	76.6	62.3	73.8	86.6	68.9	88.5
58	Land in farms, 1920	134,820	38,009	244,488	112,445	253,354	129,099	27,193	148,932
59	Improved land in farms, 1920	49,365	13,887	189,447	55,418	200,464	62,482	9,728	99,522
60	Value of land and buildings, 1920	5,755,075	1,729,875	22,192,331	3,917,055	24,318,473	5,996,143	2,300,877	7,427,135
61	Degree of ownership, 1920:								
62	Farmers owning entire farm	1,290	396	2,420	1,076	2,254	1,086	518	1,256
63	Farmers hiring additional land	42	10	429	122	430	171	4	270
64	Color and nativity of owners, 1920:								
65	Native white owners	434	108	2,695	828	2,316	779	5	1,185
66	Foreign-born white owners	897	298	154	352	508	474	517	341
67	Negro and other nonwhite owners	1			18				
FARMS OPERATED BY MANAGERS.									
68	Number of farms, 1920	8	14	28	19	53	19		36
69	1910	17	5	8	9	67	8		22
70	1900	23	5	14	2	53			17
71	Land in farms, 1920	1,951	13,362	4,110	3,833	10,285	8,254		4,930
72	Improved land in farms, 1920	1,163	840	3,166	1,570	8,097	1,622		3,281
73	Value of land and buildings, 1920	120,000	267,679	398,850	134,700	1,004,500	227,600		451,310
FARMS OPERATED BY TENANTS.									
74	Number of farms, 1920	55	9	842	81	902	176	6	183
75	1910	44	9	904	115	846	94	6	208
76	1900	49	13	808	98	950	12	2	176
77	Per cent of all farms, 1920	3.9	2.1	22.6	6.2	24.8	62.1	1.1	9.4
78	Land in farms, 1920	5,366	1,180	93,602	8,940	104,881	17,280	240	10,526
79	Improved land in farms, 1920	2,493	423	71,346	4,599	83,063	8,807	101	11,249
80	Value of land and buildings, 1920	246,900	34,700	8,512,210	279,505	11,105,093	856,431	22,850	882,700
81	Form of tenancy, 1920:								
82	Share tenants	14	1	663	34	655	102		114
83	Share-cash tenants			12	3	12	2		3
84	Cash tenants	32	8	136	40	170	64	6	27
85	Unspecified	9		31	4	65	8		18
86	Color and nativity of tenants, 1920:								
87	Native white tenants	29	7	804	71	777	150		151
88	Foreign-born white tenants	25	2	34	10	125	26	6	12
89	Negro and other nonwhite tenants	1		4					

AGRICULTURE—MICHIGAN.

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WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.
3,859 4,205 4,587	4,025 4,298 4,301	1,741 1,033 362	4,604 4,728 4,871	3,224 3,508 3,815	3,223 3,602 4,052	929 958 743	621 381 231	3,333 3,450 3,436	3,544 3,736 3,860	3,161 3,372 3,308	796 842 679	5,605 0,276 0,554
3,780 79	3,927 98	1,644 97	4,450 154	3,152 72	3,136 87	898 31	588 33	3,257 70	3,439 105	3,087 74	780 16	5,447 158
3,433 412 14	3,006 117 2	253 1,488	2,632 1,972	2,092 229 3	2,083 238 2	563 363 3	94 527 1	2,630 641 62	3,266 274 4	2,020 534 7	703 90 3	4,269 1,328 8
11 71 78 907 1,700	12 144 138 695 1,640	1 24 43 744 592	6 77 53 590 1,876	5 122 113 486 1,155	6 82 101 472 1,112	1 23 4 190 332	1 8 19 320 168	8 164 46 731 1,353	43 342 146 446 975	3 3 9 165 279	14 209 30 1,232 2,101	
867 166 51 8	1,094 225 60 7 1	253 30 32 12 1	1,566 321 105 8 2	976 260 92 8 1	1,052 274 109 11 4	230 83 45 11 10	91 7 5 11 2	916 195 52 8 1	1,208 433 185 14 2	898 323 105 9 2	240 64 26 7 1	1,333 202 87 16 18
370,560 328,074 333,148 322,652	382,080 362,815 372,030 300,614	652,160 134,790 93,857 48,452	546,560 480,988 471,995 430,096	353,020 323,106 333,095 346,444	370,560 344,102 351,505 355,466	364,800 121,694 112,710 63,359	708,000 42,849 20,368 22,979	366,080 316,771 298,069 254,062	452,480 411,677 422,507 426,215	359,680 311,934 331,014 320,537	366,720 86,808 80,501 56,892	550,400 469,624 480,043 490,660
251,326 248,899 221,068 37,116 39,642	283,071 292,914 297,181 38,190 41,554	56,798 35,921 18,193 55,812 22,180	353,584 350,731 307,044 38,687 58,717	238,492 248,078 255,088 31,482 53,222	206,098 277,880 279,503 34,877 42,527	49,673 40,735 25,156 36,920 35,101	14,108 9,008 5,250 13,944 14,797	211,812 193,124 153,062 34,524 70,435	295,871 304,387 315,643 43,733 72,073	247,905 267,138 267,940 27,505 30,464	51,829 42,563 27,388 18,465 16,574	352,740 365,717 362,902 66,204 50,980
88.5 74.6 85.0 65.1	95.0 78.0 90.1 70.3	20.7 42.1 77.4 32.6	88.0 70.7 104.5 83.3	91.3 74.8 100.2 74.0	92.9 77.5 106.8 82.7	33.4 40.8 131.0 53.5	5.6 32.0 60.0 22.7	86.5 66.9 95.0 63.5	91.0 71.9 116.2 83.5	86.7 79.5 98.7 78.4	23.7 50.7 109.1 65.1	85.4 75.1 83.8 62.0
42,398,764 22,208,618 12,960,909	39,034,284 27,219,325 17,284,810	8,390,017 3,863,719 922,181	41,760,531 26,262,440 13,341,896	35,224,579 21,886,899 15,292,535	37,914,768 23,217,892 15,858,240	6,367,533 2,707,404 1,135,325	3,289,128 1,277,764 283,529	28,208,834 15,313,417 7,329,876	30,815,109 25,722,319 18,102,132	31,370,231 23,406,464 16,238,917	3,642,926 2,533,869 1,265,685	49,004,994 34,625,818 23,908,449
25,646,622 13,039,733 7,911,480 9,640,771 5,416,641 2,501,850	20,315,831 15,270,246 10,045,720 11,161,405 7,824,482 4,520,450	4,325,646 2,172,063 508,350 2,234,029 1,044,074 227,510	22,462,915 14,338,153 7,462,440 11,142,900 6,062,787 2,911,960	18,910,041 12,307,787 9,543,900 9,552,755 5,643,711 3,485,310	19,813,529 12,051,329 4,480,960 10,494,062 6,116,938 3,883,850	3,346,371 1,468,594 575,920 1,616,594 642,090 237,400	1,494,920 8,685,457 133,460 969,853 310,948 65,780	15,332,840 8,685,457 4,271,310 7,593,680 3,817,868 1,607,170	18,986,054 14,346,731 10,991,900 10,992,334 7,030,090 4,460,020	17,189,597 13,809,225 10,481,320 8,924,304 6,137,827 3,071,380	1,778,985 1,300,080 674,070 1,033,255 710,845 295,300	25,800,182 18,957,100 15,030,270 15,298,272 10,067,730 5,714,890
2,749,872 953,215 635,790 4,361,499 2,789,029 1,821,789	2,707,628 1,078,933 666,470 4,849,420 3,545,564 2,052,270	618,006 233,271 60,680 1,221,246 414,311 125,641	2,888,921 1,349,405 774,530 5,265,705 3,012,104 2,192,966	2,207,829 912,064 563,250 4,544,054 3,022,707 1,700,075	2,891,654 1,044,592 626,880 4,755,523 3,105,933 1,857,550	426,837 155,961 73,100 977,731 440,939 242,905	262,785 83,451 18,290 561,570 173,693 65,999	2,056,746 703,176 360,520 3,235,562 2,108,916 1,190,876	2,443,660 1,036,248 619,620 4,393,061 3,309,250 1,058,502	2,139,552 969,834 619,080 3,116,778 2,489,578 1,466,537	311,738 158,874 86,560 518,948 364,070 209,665	3,529,738 1,640,102 931,530 5,276,802 3,970,886 2,231,759
10,987 9,144 74.17	9,698 7,820 56.00	4,825 3,768 32.09	9,070 7,299 46.70	10,926 8,831 58.54	11,764 9,400 57.58	0,854 5,342 27.50	5,297 3,969 34.89	8,463 8,876 48.49	10,388 8,459 46.12	9,024 8,261 55.11	4,577 3,533 20.48	8,904 7,332 54.90
2,704 3,433 3,804 72.4 226,582 172,065 23,898,888	3,004 3,214 3,372 74.6 251,142 196,058 21,346,166	1,280 776 276 73.5 106,033 42,484 5,207,805	4,009 4,356 4,381 87.1 415,631 331,320 28,616,435	2,500 2,736 3,107 77.5 236,512 174,667 19,080,172	2,375 2,758 3,252 73.7 235,696 183,536 20,785,790	819 600 668 88.2 96,790 41,719 4,264,025	597 399 220 96.1 41,459 13,445 2,373,698	2,726 3,028 2,005 81.8 253,683 168,667 17,846,330	2,727 2,862 2,659 76.9 292,631 211,756 21,700,472	2,363 2,557 2,428 74.8 207,587 164,643 17,327,261	600 770 601 86.7 75,506 44,453 2,472,265	4,541 5,088 5,149 81.0 364,638 275,948 31,743,877
2,397 397	2,593 411	1,192 88	3,578 431	2,090 410	1,976 399	721 98	580 17	2,330 390	2,337 390	1,953 410	595 95	4,002 449
2,478 307 9	2,902 101 1	208 1,072	2,220 1,730	2,303 196 1	2,165 208 2	476 340 3	87 510 1	2,112 562 52	2,492 233 2	1,892 465 6	906 82 2	3,392 1,144 5
27 21 22 4,169 3,206 500,100	21 17 56 3,191 2,375 311,630	13 8 4 2,970 1,328 206,200	47 22 77 7,808 5,870 599,540	32 33 36 6,721 4,884 1,588,627	33 21 40 7,211 5,258 674,000	11 13 14 12,287 1,537 244,100	2 3 2 78 65 15,000	25 21 45 5,758 2,643 330,476	34 46 64 7,248 4,317 608,566	31 33 61 4,472 3,611 417,800	7 5 3 1,043 548 32,200	71 67 103 9,189 7,405 1,474,750
1,038 751 761 26.9 97,323 76,052 10,888,405	1,000 1,067 963 24.8 108,482 84,698 9,310,440	448 249 83 25.7 25,778 12,988 1,146,510	548 350 413 11.9 57,540 46,394 4,389,840	692 739 672 21.5 79,963 58,941 6,902,997	815 823 760 25.3 101,195 77,904 8,837,801	99 55 61 10.7 12,608 6,417 463,940	22 9 9 3.5 1,312 598 76,075	582 407 458 17.5 57,380 40,502 4,740,220	783 828 837 22.1 111,798 79,798 7,669,350	767 782 819 24.3 99,875 79,651 8,368,840	99 97 75 12.4 10,319 6,828 307,775	993 1,151 1,302 17.7 96,097 69,387 7,879,827
846 19 172 1	774 11 173 42	2 445 1	261 6 219 62	531 12 149 102	698 15 102 102	57 37 5	3 18 1	441 5 84 52	620 8 99 56	610 19 134 4	72 17 10	612 8 318 55
934 100 4	983 16 1	35 413	378 170	660 30	787 28	79 20	7 15	497 76 9	743 38 2	701 65 1	91 7 1	821 169 3

¹ The correction of errors discovered after the 1900 census reports were published would make this acreage for Hillsdale County 377,341.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

	Keweenaw.	Lake.	Lapeer.	Leelanau.	Lenawee.	Livingston.	Lucas.	Mackinac.
ALL FARMS.								
1 Number of farms, 1920.....	72	703	3,614	1,347	5,080	2,632	104	479
2 1910.....	36	732	3,808	1,444	5,334	2,775	105	490
3 1900.....	22	625	4,051	1,305	5,662	3,082	144	394
4 All farmers classified by sex, 1920:								
5 Male.....	70	668	3,536	1,206	5,003	2,542	189	400
6 Female.....	2	35	78	51	77	90	5	19
7 Color and nativity of all farmers, 1920:								
8 Native white.....	9	418	2,819	912	4,072	2,377	83	187
9 Foreign-born white.....	63	285	794	406	406	254	110	200
10 Negro and other nonwhite.....	1		1	29	2	1	1	2
11 All farms classified by size, 1920:								
12 Under 3 acres.....	1							
13 3 to 9 acres.....	2							
14 10 to 19 acres.....	9							
15 20 to 49 acres.....	34	149	525	182	804	204	55	108
16 50 to 99 acres.....	29	244	1,317	408	1,078	710	55	196
17 100 to 174 acres.....	8	198	1,152	465	1,499	961	41	109
18 175 to 259 acres.....	1	45	381	147	292	409	12	34
19 260 to 499 acres.....				46	82	180	9	15
20 500 to 999 acres.....				6	1	9	3	7
21 1,000 acres and over.....		4	2	2			3	1
LAND AND FARM AREA.								
22 Approximate land area, 1920.....	354,560	370,560	426,240	216,320	475,520	363,520	588,800	668,160
23 Land in farms, 1920.....	4,857	88,438	395,932	165,399	450,708	333,339	23,988	53,043
24 1910.....	2,731	87,730	400,452	159,303	462,032	349,075	20,732	58,189
25 1900.....	3,708	60,421	393,611	142,858	469,848	351,087	13,730	47,499
26 Improved land in farms, 1920.....	2,015	36,364	291,706	90,825	370,047	231,346	10,029	21,661
27 1910.....	1,236	33,884	296,802	83,812	379,563	247,304	7,922	21,118
28 1900.....	1,541	24,831	283,783	65,528	374,770	250,965	4,380	15,147
29 Woodland in farms, 1920.....	726	31,231	43,022	60,657	40,186	41,135	7,758	25,584
30 Other unimproved land in farms, 1920.....	2,116	20,843	61,204	13,917	40,475	60,858	0,201	5,808
31 Per cent of land area in farms, 1920.....	1.4	23.9	92.9	76.5	96.0	91.7	4.1	7.9
32 Per cent of farm land improved, 1920.....	41.5	41.1	73.7	64.9	81.0	69.4	41.8	40.6
33 Average acreage per farm, 1920.....	67.5	125.8	109.6	122.8	80.9	126.6	123.6	110.7
34 Average improved acreage per farm, 1920.....	28.0	51.7	80.7	67.4	72.8	87.9	51.7	45.0
VALUE OF FARM PROPERTY.								
35 All farm property, 1920.....	284,990	3,561,087	24,489,547	8,035,204	67,855,071	27,815,013	1,195,083	2,032,500
36 1910.....	98,131	2,245,762	20,285,943	6,120,448	41,839,762	17,908,988	626,546	1,345,783
37 1900.....	60,410	1,001,968	13,833,063	3,479,103	25,593,766	13,939,871	249,494	682,261
38 Land in farms, 1920.....	147,045	1,691,321	17,360,550	3,796,362	37,601,083	13,523,244	573,554	946,819
39 1910.....	43,800	1,230,841	10,215,824	3,269,205	24,606,719	9,483,769	319,225	705,655
40 1900.....	28,580	545,590	8,017,410	1,908,760	15,496,740	8,595,360	137,560	386,580
41 Farm buildings, 1920.....	77,180	995,887	9,941,575	2,591,853	17,009,516	7,035,703	310,040	530,683
42 1910.....	30,125	558,170	5,741,528	1,816,225	10,581,205	4,927,025	169,173	316,455
43 1900.....	8,870	208,140	3,434,170	917,770	6,339,100	3,376,550	50,070	126,980
44 Implements and machinery, 1920.....	19,090	277,604	2,653,021	678,653	4,450,488	2,001,593	83,657	170,194
45 1910.....	7,800	185,735	1,128,366	360,908	1,684,167	800,450	40,874	106,738
46 1900.....	4,260	64,200	569,700	193,380	966,400	400,010	18,330	47,600
47 Live stock on farms, 1920.....	41,675	596,275	4,584,501	968,036	8,193,089	4,265,373	228,732	375,804
48 1910.....	18,406	321,016	8,200,225	684,025	4,667,071	2,688,735	97,272	216,035
49 1900.....	8,700	184,038	1,907,783	459,193	2,701,376	1,619,951	44,634	121,201
50 Average values, 1920:								
51 All property per farm.....	3,958	5,066	9,543	5,965	13,357	10,668	6,165	4,243
52 Land and buildings per farm.....	3,114	3,822	7,555	4,743	10,868	8,153	4,555	3,085
53 Land alone per acre.....	30.27	19.12	43.85	22.66	82.33	40.57	23.91	17.86
FARMS OPERATED BY OWNERS.								
54 Number of farms, 1920.....	21	619	2,751	1,219	3,473	2,074	188	447
55 1910.....	18	660	3,093	1,339	3,877	2,221	176	400
56 1900.....	18	574	3,241	1,284	4,340	2,534	129	366
57 Per cent of all farms, 1920.....	29.2	88.1	76.1	90.8	68.4	78.8	94.3	93.3
58 Land in farms, 1920.....	1,543	73,710	287,278	139,426	287,720	240,470	20,022	48,781
59 Value of land and buildings, 1920.....	856	30,695	211,540	81,012	234,037	174,461	8,066	20,179
60 Degree of ownership, 1920:	89,760	2,278,288	10,301,250	5,487,890	35,240,273	10,123,407	765,444	1,374,280
61 Farmers owning entire farm.....	20	592	2,398	1,090	2,988	1,852	175	427
62 Farmers hiring additional land.....	1	27	353	120	435	222	8	20
63 Color and nativity of owners, 1920:								
64 Native white owners.....	4	344	2,097	804	3,140	1,858	73	167
65 Foreign-born white owners.....	17	275	653	390	332	215	109	278
66 Negro and other nonwhite owners.....			1	25	1	1	1	2
FARMS OPERATED BY MANAGERS.								
67 Number of farms, 1920.....	1	10	25	39	46	32	4	8
68 1910.....	1	6	23	13	21	30	11	1
69 1900.....								
70 Land in farms, 1920.....	160	3,733	5,161	16,154	5,420	6,023	1,370	1,585
71 Improved land in farms, 1920.....	40	706	3,269	4,162	4,298	3,712	610	278
72 Value of land and buildings, 1920.....	2,250	81,100	394,700	494,900	525,089	408,740	58,500	42,000
FARMS OPERATED BY TENANTS.								
73 Number of farms, 1920.....	50	74	838	89	1,561	526	7	24
74 1910.....	17	66	887	92	1,436	524	8	20
75 1900.....	69.4	10.5	77.6	100	1,284	531	12	21
76 Land in farms, 1920.....	3,154	10,995	103,493	6.6	30.7	20.0	3.6	5.0
77 Improved land in farms, 1920.....	1,119	4,963	76,907	9,819	163,562	77,840	2,596	2,677
78 Value of land and buildings, 1920.....	132,225	327,820	7,606,175	5,651	131,712	53,143	453	1,104
79 Form of tenancy, 1920:								
80 Share tenants.....	2	57	546	405,425	10,445,237	4,920,800	58,650	61,222
81 Share-cash tenants.....								
82 Cash tenants.....	46	11	9	55	1,040	406	4	6
83 Unspecified.....	2	6	246	26	23			
84 Color and nativity of tenants, 1920:								
85 Native white tenants.....	4	65	699	75	1,487	489	6	15
86 Foreign-born white tenants.....	46	9	139	11	73	37	1	9
87 Negro and other nonwhite tenants.....				3	1			

AGRICULTURE—MICHIGAN.

17

WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Macomb.	Manistee.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.	Missaukee.	Monroe.	Montcalm.	Montmorency.	Muskegon.	Newaygo.
3,570 3,764 3,862	1,499 1,648 1,311	846 661 513	2,011 2,124 1,885	2,076 2,823 2,970	2,106 1,677 1,430	2,163 2,246 2,153	1,350 1,439 1,036	4,108 4,321 4,458	4,493 4,678 4,714	421 460 336	2,036 2,373 2,334	2,836 3,130 2,846
3,479 91	1,430 69	807 39	1,965 43	2,605 71	2,010 90	2,094 69	1,323 36	4,024 84	4,388 105	413 8	1,966 70	2,736 100
2,616 954	900 594 5	236 609 1	1,215 787 9	2,164 470 42	829 1,266 11	1,586 556 21	914 440 5	3,680 418 10	3,611 866 16	297 124 10	1,273 758 5	2,214 617 5
3 227 208 880 1,304	2 22 33 323 578	14 17 283 274	24 43 587 803	34 41 436 1,074	11 21 460 802	3 9 17 42 546 890	2 17 10 231 533	3 164 187 894 1,766	7 75 108 1,088 1,796	1 1 1 71 151	10 67 114 595 702	1 24 54 626 1,123
738 159 47 3 1	401 92 30 8 1	191 41 22 3 1	417 96 28 9 4	814 208 54 9 3	607 123 66 13 3	533 90 56 8 5	387 112 56 6 1	944 119 24 6 1	1,131 207 71 8 2	123 42 20 9 2	401 100 38 4 5	688 179 194 31 11
302,050 272,357 286,503 286,366	359,680 147,560 144,993 114,636	1,190,800 85,450 67,803 53,696	316,160 189,428 171,295 131,102	365,440 281,574 285,781 250,077	675,840 222,353 107,443 132,710	338,560 202,927 176,624 148,817	272,480 318,845 147,355 101,414	366,720 390,333 392,246 328,490	463,360 55,212 392,570 371,511	350,040 55,212 53,715 35,322	322,560 173,518 185,010 175,057	544,640 317,091 325,721 281,464
221,453 231,534 222,753 30,066 20,898	85,202 75,031 53,008 41,233 21,044	27,944 23,041 17,848 43,140 17,366	108,180 100,925 71,974 40,145 29,103	105,492 159,704 131,390 61,011 65,071	85,305 64,590 46,029 68,063 68,985	108,762 94,717 72,214 29,809 64,356	78,388 60,918 33,498 29,030 64,204	271,485 279,771 265,138 30,245 17,115	269,145 266,401 243,376 54,081 72,507	22,801 17,506 11,029 20,811 5,600	107,670 109,656 98,655 38,330 27,000	167,559 166,072 136,907 87,853 61,679
90.2 81.3 76.3 62.0	41.0 57.8 98.4 56.0	7.4 31.6 104.6 33.0	58.0 50.0 91.2 53.8	77.1 58.8 105.2 61.8	32.9 38.4 105.6 40.5	59.9 53.6 93.8 50.3	45.3 46.5 124.1 57.7	86.9 85.1 77.6 66.1	85.5 67.9 88.2 50.9	15.4 41.3 131.1 54.2	53.8 62.1 85.2 52.0	58.2 52.3 111.8 59.1
45,207,396 23,027,327 17,958,652	8,027,628 5,899,905 2,947,126	3,842,314 1,867,952 1,101,078	12,330,592 9,076,009 4,170,807	14,824,254 8,936,822 4,888,063	12,926,017 5,584,532 2,854,440	14,178,667 7,409,369 3,669,118	8,551,870 4,890,023 1,881,103	45,309,128 27,925,016 17,604,104	31,012,810 19,030,265 10,078,569	2,578,757 1,205,947 525,738	12,751,511 9,437,737 5,200,906	16,736,851 12,337,406 5,604,225
26,990,081 12,849,464 11,636,700 11,172,935 6,321,080 3,993,430	4,233,133 3,208,788 1,634,030 2,258,335 1,572,155 712,510	1,805,386 898,038 623,350 1,086,125 528,440 244,410	6,407,743 5,152,727 2,408,710 3,567,000 2,364,089 937,200	7,412,449 4,705,200 2,765,820 4,245,451 2,296,135 1,079,220	6,563,105 2,308,066 1,486,950 3,417,565 1,550,775 622,830	7,811,459 4,253,806 1,990,840 3,679,048 1,709,325 800,970	4,620,365 2,558,809 761,420 2,198,215 934,740 231,000	26,380,086 17,133,343 11,210,700 11,506,080 6,705,057 4,052,650	17,045,174 10,388,289 5,701,450 9,064,904 6,168,144 2,470,770	1,204,704 670,966 295,020 743,472 267,315 92,520	6,212,165 4,913,741 3,056,360 4,049,020 2,016,496 1,254,560	8,582,386 6,980,306 3,153,960 4,797,217 3,105,600 1,306,020
2,816,981 1,091,182 705,410 4,226,499 2,769,671 1,635,112	607,574 324,696 158,860 928,586 704,266 441,126	300,422 147,044 61,150 670,181 294,430 172,108	934,290 507,537 224,490 1,330,959 1,050,756 509,497	1,217,529 499,703 277,340 1,948,825 1,375,784 706,283	1,010,025 411,651 197,540 1,034,632 814,010 547,120	998,597 376,219 208,130 1,789,563 1,070,019 669,178	620,262 219,857 83,330 1,113,037 655,537 305,353	2,963,216 1,145,740 710,330 4,459,746 2,939,876 1,720,484	2,410,546 987,936 490,420 3,392,096 2,544,896 1,408,929	278,767 88,309 34,560 351,814 179,357 103,638	924,025 461,548 251,400 1,564,501 1,145,658 638,586	1,190,215 610,853 301,210 2,167,033 1,640,642 843,025
12,693 10,690 96.10	5,355 4,331 28.09	4,542 3,394 20.41	6,132 5,005 35.42	5,540 4,356 26.33	6,138 4,730 20.52	6,556 5,266 38.40	6,203 5,017 27.30	11,029 9,223 82.74	7,103 5,811 43.01	6,125 4,627 21.82	6,263 5,040 35.80	5,902 4,718 27.07
2,845 3,048 3,078 79.7 197,579 162,486 27,635,085	1,366 1,494 1,196 81.1 131,030 74,850 5,606,768	749 564 460 88.5 68,515 23,473 2,352,481	1,751 1,036 1,717 87.1 149,858 92,210 8,472,043	2,212 2,471 2,559 82.7 223,043 132,989 9,452,750	2,018 1,617 1,367 95.8 208,020 77,543 8,952,160	1,773 1,935 1,869 87.5 153,776 83,965 8,732,005	1,189 1,296 981 78.6 133,123 66,298 5,624,780	3,228 3,448 3,616 80.0 240,742 205,224 28,349,891	3,634 4,061 4,036 80.9 310,817 210,810 20,055,063	388 432 311 82.2 49,764 20,662 1,629,276	1,762 2,023 2,012 85.5 136,659 134,184 7,987,040	2,413 2,790 2,536 85.1 243,155 10,708,978
2,518 327	1,172 104	723 26	1,548 203	1,924 288	1,061 57	1,582 191	1,052 137	2,731 497	3,178 456	355 33	1,613 140	2,103 305
2,050 795	784 578	1,003 543	1,745 740	1,745 436	769 1,233	1,256 502	773 412	2,806 354	2,800 821	268 120	1,042 715	1,823 580
30 26 48 6,485 4,832 1,106,475	19 10 17 4,297 2,788 335,400	11 16 11 14,262 1,903 280,000	31 16 28 7,834 2,108 265,200	28 16 21 8,127 2,715 170,000	33 22 32 12,054 5,155 667,700	5 11 23 9,340 2,764 255,170	8 11 8 11,219 1,398 341,300	29 29 18 2,970 2,601 470,250	33 24 39 5,170 3,813 486,400	5 3 5 666 331 14,400	36 32 23 8,529 3,391 578,575	33 20 19 11,531 4,230 414,350
695 690 728 10.5 68,293 54,135 9,420,356	114 144 98 7.6 12,242 7,654 489,300	80 81 42 10.2 5,073 2,568 280,000	229 172 140 11.4 25,736 13,802 1,328,100	436 336 390 16.3 50,404 29,788 2,036,550	55 38 31 2.6 6,379 2,607 360,000	385 300 261 17.8 39,811 22,033 2,403,332	162 132 47 11.9 24,368 10,690 852,500	851 844 824 20.7 75,133 63,660 9,006,025	826 593 630 18.4 80,340 54,522 5,538,705	28 31 20 6.7 4,782 1,808 304,500	238 318 299 11.7 28,330 17,810 1,606,470	390 320 291 13.8 62,405 20,145 2,256,275
328 10 331 26	71 2 36 5	9 77 25	138 5 61 25	332 3 75 26	10 3 37 8	264 3 96 22	110 3 33 16	461 12 329 49	690 4 55 77	10 16 2	129 4 96 9	293 3 69 25
542 153	100 13	24 62	187 41	394 31	34 21	326 53	134 27	788 62	779 44	25 3	203 35	362 27

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Oscoda.	Otsego.	Ottawa.
ALL FARMS.								
1 Number of farms.. 1920.....	4,035	2,357	1,281	917	2,310	278	573	4,206
2 "..... 1910.....	4,993	2,806	1,283	371	2,574	344	551	4,603
3 "..... 1900.....	4,977	2,650	811	187	2,287	210	570	4,522
4 All farmers classified by sex, 1920:								
5 Male..... number.....	3,936	2,284	1,242	882	2,261	266	555	4,133
6 Female..... number.....	99	73	39	35	49	12	18	163
7 Color and nativity of all farmers, 1920:								
8 Native white..... number.....	3,362	1,795	885	248	1,696	230	320	2,871
9 Foreign-born white..... number.....	671	555	416	669	610	48	243	1,424
10 Negro and other nonwhite..... number.....	2	7			4		1	1
11 All farms classified by size, 1920:								
12 Under 3 acres..... number.....	9	3	3	1	6			6
13 3 to 9 acres..... number.....	112	35	11	18	19		14	164
14 10 to 19 acres..... number.....	124	51	9	38	35	1	7	220
15 20 to 49 acres..... number.....	527	555	256	344	381	22	104	1,142
16 50 to 99 acres..... number.....	1,187	916	478	304	942	89	197	1,828
17 100 to 174 acres..... number.....	1,439	605	340	150	639	95	150	787
18 175 to 259 acres..... number.....	450	125	101	35	168	35	52	108
19 260 to 499 acres..... number.....	109	52	54	17	101	28	33	20
20 500 to 999 acres..... number.....	18	10	16	5	14	4	5	3
21 1,000 acres and over..... number.....		5	7	2	5	4	2	
LAND AND FARM AREA.								
22 Approximate land area, 1920..... acres.....	567,040	347,520	371,200	853,120	369,280	368,640	337,020	361,600
23 Land in farms.. 1920..... acres.....	492,018	231,030	196,463	80,170	259,130	47,721	73,961	308,872
24 "..... 1910..... acres.....	542,242	243,695	144,628	38,073	248,477	59,924	59,559	324,120
25 "..... 1900..... acres.....	548,899	213,610	72,846	20,013	187,664	30,687	47,605	310,440
26 Improved land in farms, 1920..... acres.....	340,567	150,118	87,052	25,025	147,382	15,683	32,881	238,248
27 "..... 1910..... acres.....	407,781	161,782	55,437	11,992	129,303	19,218	27,627	247,230
28 "..... 1900..... acres.....	490,014	120,001	29,228	5,570	96,232	7,976	21,861	230,264
29 Woodland in farms, 1920..... acres.....	55,840	48,347	72,995	44,433	42,884	24,815	34,590	29,440
30 Other unimproved land in farms, 1920..... acres.....	65,611	32,565	29,416	10,712	69,804	7,220	0,487	41,178
31 Per cent of land area in farms, 1920.....	81.5	66.5	44.3	9.4	70.2	12.0	21.0	85.4
32 Per cent of farm land improved, 1920.....	73.7	65.0	40.3	31.2	59.9	32.9	44.5	77.1
33 Average acreage per farm, 1920.....	114.5	98.0	129.9	87.4	112.2	171.7	120.1	71.0
34 Average improved acreage per farm, 1920.....	84.4	63.7	62.3	27.3	63.8	56.4	57.4	55.5
VALUE OF FARM PROPERTY.								
35 All farm property.. 1920..... dollars.....	67,610,041	15,009,333	6,498,745	4,051,109	12,270,330	1,798,957	2,609,122	33,537,002
36 "..... 1910..... dollars.....	34,843,074	11,950,321	5,036,989	1,334,300	8,175,801	1,205,674	1,682,745	23,704,396
37 "..... 1900..... dollars.....	26,432,976	6,080,834	1,247,000	377,124	3,398,959	280,058	650,240	13,606,423
38 Land in farms.. 1920..... dollars.....	42,722,990	7,614,804	3,305,123	2,020,976	5,048,449	944,815	1,225,329	16,820,895
39 "..... 1910..... dollars.....	19,055,213	6,751,615	2,061,350	758,480	4,268,480	773,385	889,425	13,210,506
40 "..... 1900..... dollars.....	15,864,060	3,598,400	695,460	228,500	2,140,300	147,000	535,610	8,306,730
41 Farm buildings.. 1920..... dollars.....	16,086,628	4,438,421	1,620,335	1,133,193	3,868,811	374,000	715,070	10,055,870
42 "..... 1910..... dollars.....	9,629,293	3,198,040	818,130	380,615	2,178,960	197,875	440,230	6,523,923
43 "..... 1900..... dollars.....	6,317,230	1,465,629	220,830	77,850	849,340	44,650	101,180	3,183,460
44 Implements and machinery.. 1920..... dollars.....	3,397,285	1,174,121	470,958	273,169	945,146	141,420	237,340	2,364,104
45 "..... 1910..... dollars.....	1,410,233	596,654	205,191	81,740	441,671	62,697	117,733	1,089,191
46 "..... 1900..... dollars.....	817,980	293,030	66,750	23,470	231,230	16,870	66,640	605,100
47 Live stock on farms.. 1920..... dollars.....	5,413,037	1,781,987	1,102,324	623,771	1,813,930	338,722	430,783	4,287,193
48 "..... 1910..... dollars.....	4,238,335	1,403,612	612,315	183,465	1,180,450	171,237	230,357	2,000,776
49 "..... 1900..... dollars.....	2,433,705	720,784	264,620	47,304	678,020	71,638	102,810	1,481,133
50 Average values, 1920:								
51 All property per farm..... dollars.....	16,758	6,368	5,073	4,418	5,314	6,471	4,553	7,807
52 Land and buildings per farm..... dollars.....	14,575	5,114	3,845	3,440	4,120	4,741	3,387	6,258
53 Land alone per acre..... dollars.....	92.47	32.96	19.86	26.21	21.80	19.80	16.57	54.49
FARMS OPERATED BY OWNERS.								
54 Number of farms.. 1920.....	2,758	1,953	1,101	890	2,024	253	503	3,844
55 "..... 1910.....	3,751	2,455	1,178	353	2,312	322	525	4,059
56 "..... 1900.....	3,677	2,309	752	178	2,027	185	522	3,035
57 Per cent of all farms, 1920.....	59.1	82.9	85.9	97.1	87.6	91.0	87.8	89.5
58 Land in farms, 1920..... acres.....	287,366	178,962	121,381	76,424	220,040	40,483	60,307	270,848
59 Value of land and buildings, 1920..... dollars.....	212,774	123,001	58,880	23,893	127,190	14,127	20,087	209,206
60 Degree of ownership, 1920:	30,925,792	9,568,735	3,703,035	3,031,064	7,884,760	1,095,365	1,718,840	23,018,220
61 Farmers owning entire farm..... number.....	2,504	1,684	1,009	855	1,812	228	437	3,513
62 Farmers hiring additional land..... number.....	284	209	92	35	212	25	66	331
63 Color and nativity of owners, 1920:								
64 Native white owners..... number.....	2,317	1,441	722	237	1,449	207	271	2,505
65 Foreign-born white owners..... number.....	470	508	379	653	572	46	231	1,338
66 Negro and other nonwhite owners..... number.....	1	4			3		1	1
FARMS OPERATED BY MANAGERS.								
67 Number of farms.. 1920.....	180	30	18	3	13	3	8	43
68 "..... 1910.....	102	33	14	6	15	1	3	41
69 "..... 1900.....	93	31	9	3	24	4	9	31
70 Land in farms, 1920..... acres.....	31,506	5,821	13,544	240	3,873	3,340	8,255	5,443
71 Value of land and buildings, 1920..... dollars.....	21,826	2,678	1,748	175	1,455	363	719	3,000
72 "..... 1910.....	9,400,860	398,000	300,803	14,000	285,600	120,000	89,700	832,700
FARMS OPERATED BY TENANTS.								
73 Number of farms.. 1920.....	1,067	374	102	24	273	22	62	409
74 "..... 1910.....	1,140	318	91	12	247	21	23	603
75 "..... 1900.....	1,207	310	60	6	236	21	30	556
76 Per cent of all farms, 1920.....	26.4	15.9	12.6	2.6	11.8	7.0	10.8	9.5
77 Land in farms, 1920..... acres.....	143,152	46,247	31,538	3,506	35,217	3,001	5,399	32,581
78 Improved land in farms, 1920..... acres.....	105,937	24,439	11,424	957	18,728	1,193	3,078	25,352
79 Value of land and buildings, 1920..... dollars.....	18,482,937	2,086,490	921,625	109,105	1,390,900	94,450	132,459	3,034,845
80 Form of tenancy, 1920:								
81 Share tenants..... number.....	682	277	69	1	214	13	35	194
82 Share-cash tenants..... number.....	7	5	3	1	2			10
83 Cash tenants..... number.....	362	72	72	17	42	7	18	177
84 Unspecified..... number.....	16	20	18	5	15	2	7	28
85 Color and nativity of tenants, 1920:								
86 Native white tenants..... number.....	911	327	129	11	237	20	50	334
87 Foreign-born white tenants..... number.....	156	44	33	13	35	2	12	75
88 Negro and other nonwhite tenants..... number.....		3			1			

AGRICULTURE—MICHIGAN.

19

WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Presque Isle.	Roscom- mon.	Saginaw.	St. Clair.	St. Joseph.	Sanilac.	School- craft.	Shiawassee.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
1,056 1,086 846	267 249 136	5,143 5,370 5,818	4,159 4,527 4,080	2,436 2,623 2,697	5,112 5,659 5,820	381 441 352	3,359 3,577 3,763	4,058 5,244 5,492	4,662 4,952 4,842	3,550 3,837 4,151	3,858 4,775 5,131	1,583 1,779 1,340
1,020 36	253 14	4,996 147	4,016 143	2,376 60	4,995 147	366 15	3,275 84	4,524 134	4,496 160	3,485 65	3,726 132	1,524 59
648 407 1	176 89 2	3,701 1,433 9	3,087 1,072	2,267 166 3	3,106 2,005 1	193 188	2,836 522 1	3,516 1,138 4	3,805 801 56	3,040 501 9	2,671 1,167 20	1,182 396 5
6 13 159 352	1 10 3 94 76	4 121 168 1,321 2,183	10 136 145 738 1,552	4 89 72 284 618	1 44 61 2,001	2 4 108 144	3 97 107 513 1,309	5 87 67 862 1,877	14 249 335 1,380 1,522	7 105 109 398 1,006	5 228 275 1,169 1,396	9 31 32 401 603
340 117 63 4 2	44 17 14 5 3	1,089 197 59 8 3	1,194 282 92 9 1	909 331 119 10	1,844 331 121 9 3	87 22 9 3 2	1,050 223 52 5	1,410 270 65 13 2	890 192 63 164 12 2	1,268 478 164 34 7	699 105 105 34 7	380 97 15 32 7 17 18
433,920 132,755 131,519 88,004	344,320 51,349 33,907 23,201	529,920 420,649 430,230 434,990	454,400 395,921 414,574 422,017	321,920 292,038 300,624 303,516	624,640 549,890 551,321 537,273	772,480 42,949 45,455 38,064	356,480 320,616 327,064 334,895	520,280 445,260 450,219 443,875	394,880 341,089 361,570 363,141	450,560 421,211 427,025 422,902	396,800 262,294 316,216 325,891	369,280 146,712 147,585 106,554
50,788 39,925 26,034 43,642 38,325	10,419 8,951 4,219 31,115 9,815	317,270 304,738 283,021 53,335 59,044	311,491 247,495 310,021 46,912 37,518	234,521 243,381 253,927 23,891 33,536	454,204 434,565 398,030 39,759 55,876	15,976 15,431 10,613 19,014 7,959	258,781 265,031 200,650 26,816 35,019	335,519 332,927 301,147 43,913 65,828	266,009 282,198 277,786 40,312 34,768	318,745 331,632 332,344 46,286 56,177	213,443 261,100 255,885 30,333 18,518	88,408 79,044 51,241 20,169 20,135
30.6 38.3 125.7 48.1	14.9 20.3 192.3 39.0	81.1 73.8 83.5 61.7	87.1 78.7 95.2 74.9	90.7 80.3 119.9 96.3	88.0 82.6 107.6 88.9	5.6 37.2 112.7 41.9	89.0 80.4 95.6 77.0	84.1 75.4 95.6 72.0	86.4 78.0 73.2 57.1	93.5 75.7 118.7 89.8	66.1 81.4 68.0 55.3	30.7 60.3 92.7 55.8
4,094,246 2,475,134 1,473,431	1,173,859 842,763 175,897	46,122,632 20,330,140 18,417,800	39,241,275 23,067,600 15,814,229	26,044,805 19,044,966 12,379,537	44,289,088 27,044,051 14,569,513	2,033,318 1,200,507 570,252	38,532,088 22,114,238 15,028,763	44,765,183 25,901,050 15,408,257	35,233,230 26,724,700 16,434,647	46,986,278 29,540,586 21,453,765	71,188,534 38,712,788 35,171,688	6,068,878 5,167,650 2,111,411
2,144,916 1,204,399 845,800 1,302,615 596,590 267,100	669,905 582,645 100,230 277,015 122,710 22,060	24,475,984 14,400,374 11,074,520 13,041,226 6,955,018 4,144,200	21,956,768 12,809,649 10,140,700 10,068,835 6,178,905 3,301,940	15,440,360 12,030,231 8,144,950 11,022,028 4,527,436 2,776,420	23,292,467 243,381 8,269,680 11,022,028 7,083,115 3,160,730	964,670 601,150 314,900 555,845 311,176 124,140	20,118,993 11,554,834 3,941,480 10,835,580 6,367,291 3,656,550	23,653,515 14,160,266 9,183,020 12,100,049 6,636,555 3,303,280	19,624,016 15,802,549 10,720,540 9,884,380 7,341,755 3,627,660	23,049,310 15,873,987 12,430,660 13,094,175 8,223,840 5,990,720	52,040,690 25,973,946 26,437,410 11,722,840 8,122,106 5,885,170	2,890,810 2,773,438 1,146,420 1,763,275 1,355,535 441,890
453,619 181,851 118,260 793,996 402,288 262,151	71,812 43,527 9,350 155,127 93,881 44,257	3,489,322 1,878,998 882,610 5,116,100 3,595,750 2,316,470	2,693,013 1,052,530 623,820 3,922,659 2,037,026 1,747,679	1,477,731 601,485 391,660 2,595,124 4,302,945 1,066,507	3,241,254 1,334,242 37,170 5,832,430 4,302,945 2,424,463	198,537 1,095,061 37,170 316,286 190,766 94,042	2,910,954 1,095,061 619,700 4,643,561 3,100,052 1,815,023	3,383,312 1,322,131 745,580 5,027,407 3,782,098 2,176,377	2,350,265 1,061,542 580,150 3,374,563 2,518,854 1,500,297	3,542,750 1,385,234 816,690 6,700,038 4,057,525 2,215,695	3,437,284 1,402,087 911,350 3,987,720 3,214,069 1,937,758	477,320 289,912 120,050 93,473 751,705 402,951
4,445 3,265 10.16	4,396 3,547 13.05	8,968 7,295 56.97	9,435 7,845 55.46	10,692 9,020 52.87	8,604 6,889 42.36	5,337 3,991 22.40	11,471 9,222 62.75	9,610 7,076 53.12	7,558 6,330 57.53	13,236 10,350 54.72	18,462 16,528 198.41	3,834 2,940 19.70
1,018 1,048 826 96.4 127,144 49,088 3,288,431	229 206 124 85.8 21,078 7,370 594,800	4,400 4,765 5,039 85.6 347,006 258,949 30,601,910	3,408 3,847 4,204 81.9 313,229 245,912 25,188,960	1,676 1,902 1,074 68.8 180,087 143,801 13,232,540	4,104 4,944 4,950 82.0 443,612 366,012 28,271,595	356 393 320 93.4 34,778 14,378 1,380,015	2,508 2,774 3,007 80.1 223,833 182,364 21,923,845	3,811 4,485 3,910 4,662 81.8 353,591 206,376 28,608,610	3,736 3,910 3,904 80.1 250,362 199,522 22,082,657	2,716 3,019 3,270 76.5 297,799 226,269 25,516,251	2,707 3,548 3,776 71.7 170,504 142,009 37,705,681	1,414 1,605 1,204 89.3 128,851 77,526 4,068,975
984 34 618 399 1	222 7 146 81 2	3,900 401 3,115 1,277 8	2,864 544 2,463 945	1,315 361 1,542 131 3	3,590 604 2,418 1,775 1	341 15 173 183	2,165 343 2,107 401	3,268 543 2,830 978 3	3,189 547 2,981 711 44	2,383 333 2,287 421 8	2,440 321 1,903 853 11	1,198 216 1,026 383 5
9 4 3 1,955 520 67,500	12 16 2 9,296 1,720 152,320	62 51 72 20,456 13,354 1,908,640	52 19 47 10,127 6,286 1,500,725	19 16 19 4,173 3,451 389,485	28 18 95 6,500 5,214 349,250	6 18 9 2,284 840 60,500	20 32 20 4,042 2,671 202,100	29 59 54 5,459 3,859 447,599	88 122 61 11,701 9,384 1,808,300	71 35 42 14,943 10,570 1,664,250	57 67 67 8,443 6,375 4,129,799	6 14 10 783 593 33,200
29 34 17 2.7 3,656 1,180 91,600	26 27 10 0.7 20,975 1,329 199,800	681 554 707 13.2 62,187 44,967 5,006,660	690 601 669 16.8 72,565 59,393 5,935,018	741 705 704 30.4 107,778 87,269 8,349,925	890 697 775 17.4 99,727 82,978 6,594,550	19 30 23 5.0 5,895 758 74,000	831 771 736 24.7 92,751 73,726 8,751,628	818 700 776 17.6 89,210 65,294 6,698,255	838 911 817 18.0 73,026 57,103 6,117,445	763 783 839 21.5 108,469 81,909 9,562,984	1,034 1,160 1,288 26.8 77,347 64,060 21,928,050	163 160 126 10.3 17,078 10,289 551,910
12 16 1 23 6	14 11 1 23 3	375 4 301 1 536 145	348 19 284 48	694 2 41 4	485 17 317 71	5 12 2	664 10 123 34	520 14 233 45	666 5 160 7	499 14 204 46	330 16 687 1	125 176 28 9 151 12 8

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES.

	THE STATE.	Alcona.	Alger.	Allogan.	Alpena.	Antrim.	Arenac.	Baraga.
DOMESTIC ANIMALS: 1920.								
1 Farms reporting domestic animals.....number..	186,354	911	361	5,280	1,245	1,396	1,352	566
2 Value of all domestic animals.....dollars..	182,145,492	904,412	300,223	4,957,336	1,016,014	919,170	1,040,936	439,674
Horses:								
3 Total number.....	605,509	2,913	635	16,182	3,561	3,677	4,328	867
4 Colts under 1 year of age.....	17,520	171	35	384	244	117	230	9
5 Colts 1 year old and under 2 years.....	24,170	187	22	484	237	200	257	21
6 Mares 2 years old and over.....	284,014	1,373	262	7,445	1,624	1,762	1,908	320
7 Geldings 2 years old and over.....	277,806	1,169	305	7,829	1,537	1,574	1,855	508
8 Stallions 2 years old and over.....	1,993	13	11	40	19	15	12	9
9 Total value.....dollars..	56,433,765	271,310	112,854	1,520,326	341,979	363,334	355,071	184,235
Mules:								
10 Total number.....	5,884	8	6	208	14	57	21	1
11 Mule colts under 1 year of age.....	290			3				
12 Mule colts 1 year old and under 2 years.....	429	1		10	8	1		
13 Mules 2 years old and over.....	5,165	7	6	195	6	56	21	1
14 Total value.....dollars..	661,115	950	900	23,439	1,460	7,800	1,850	150
Asses and burros:								
15 Total number.....	146				1		2	
16 Total value.....dollars..	11,511				100		65	
Cattle:								
17 Total number.....	1,580,042	10,233	2,652	39,018	12,750	10,387	11,349	4,388
18 Total value.....dollars..	101,717,971	483,388	165,418	2,811,033	537,370	468,717	560,583	235,711
Beef cattle—								
19 Total number.....	329,901	2,776	199	3,072	3,086	1,485	1,445	371
20 Calves under 1 year of age.....	100,592	1,211	141	734	1,240	548	734	160
21 Heifers 1 year old and under 2 years.....	38,660	311	9	472	302	158	148	43
22 Cows and heifers 2 years old and over.....	50,617	204	19	647	449	320	71	81
23 Steers 1 year old and under 2 years.....	91,265	785	17	822	879	350	430	60
24 Steers 2 years old and over.....	43,928	240	11	309	162	69	52	22
25 Bulls 1 year old and over.....	4,839	25	2	88	48	40	1	5
26 Total value.....dollars..	17,299,094	112,631	6,364	162,453	106,260	57,509	41,737	15,312
Dairy cattle—								
27 Total number.....	1,250,141	7,457	2,453	35,946	9,664	8,902	9,904	4,012
28 Calves under 1 year of age.....	293,911	1,880	610	6,769	2,703	2,494	2,556	972
29 Heifers 1 year old and under 2 years.....	165,364	1,152	427	4,683	1,193	1,250	1,236	649
30 Cows and heifers 2 years old and over.....	892,085	4,342	1,322	23,630	5,621	5,026	5,026	2,234
31 Bulls 1 year old and over.....	24,771	83	94	664	147	126	186	169
32 Total value.....dollars..	84,418,877	370,757	159,054	2,648,580	431,120	411,148	518,846	220,399
Sheep:								
33 Total number.....	1,209,161	10,395	807	11,667	7,088	1,949	4,639	131
34 Lambs under 1 year of age.....	359,175	1,987	147	2,533	1,703	553	889	34
35 Ewes 1 year old and over.....	899,126	8,098	429	8,252	5,798	1,347	3,621	69
36 Rams 1 year old and over.....	26,651	288	20	333	172	44	118	19
37 Wethers 1 year old and over.....	14,240	22	11	549	15	5	11	15
38 Total value.....dollars..	13,688,379	112,708	7,619	136,566	78,601	18,969	51,784	1,625
Goats:								
39 Total number.....	1,607	1		183	28	1	15	
40 Total value.....dollars..	11,037	5		875	263	3	94	
Swine:								
41 Total number.....	1,106,066	2,162	531	24,668	3,134	3,493	4,136	739
42 Pigs under 6 months old.....	687,089	1,162	243	15,329	1,638	1,816	2,425	487
43 Sows and gilts for breeding, 6 months old and over.....	194,556	412	105	4,191	757	709	810	146
44 Boars for breeding, 6 months old and over.....	14,199	42	13	275	62	55	71	16
45 All other hogs, 6 months old and over.....	220,222	549	170	4,873	777	913	823	91
46 Total value.....dollars..	19,621,714	36,051	13,432	465,097	55,232	59,847	71,489	17,653
POULTRY AND BEES: 1920.								
47 Chickens.....number..	10,913,645	32,869	7,075	391,422	37,293	53,062	53,142	12,329
48 Other poultry.....number..	289,419	933	123	5,145	803	1,189	1,721	194
49 Value of all poultry.....dollars..	11,587,814	31,499	7,305	405,076	33,444	53,180	51,961	12,291
50 Bees.....number of hives..	93,348	298		2,088	550	1,734	646	
51 Total value.....dollars..	626,326	2,164		11,002	3,747	13,407	5,050	
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
52 Milk produced (as reported).....gallons..	337,954,584	1,548,906	813,517	10,482,936	1,062,206	2,286,683	2,092,263	890,045
53 Milk sold.....gallons..	130,864,366	11,910	26,550	6,564,212	126,451	26,040	611,324	8,102
54 Cream sold.....gallons..	4,459,026	39,293	40,277	104,731	23,881	27,075	65,312	17,600
55 Butter fat sold.....pounds..	31,047,006	237,841	4,520	890,443	265,870	376,572	201,010	77,094
56 Butter made on farms.....pounds..	28,758,329	199,320	66,451	340,695	325,384	223,534	182,997	142,459
57 Butter sold.....pounds..	10,154,369	60,203	15,275	136,238	156,032	79,663	37,141	35,447
58 Cheese made on farms.....pounds..	76,680	109		1,415	217	140	100	447
59 Value of dairy products.....dollars..	71,074,727	280,628	95,694	2,480,814	402,485	364,841	422,010	145,519
60 Receipts from sale of dairy products.....dollars..	62,788,113	210,835	72,207	2,372,152	307,477	293,082	344,561	88,017
61 Average production of milk per dairy cow.....gallons..	401	397	642	475	418	460	410	417
Eggs and chickens:								
62 Eggs produced (as reported).....dozens..	53,382,335	183,083	47,189	2,092,374	234,044	250,356	261,336	71,625
63 Eggs sold.....dozens..	36,362,264	88,373	11,601	1,590,505	90,717	152,413	130,538	28,815
64 Chickens raised (as reported).....number..	10,790,096	40,479	4,188	351,079	44,184	56,383	49,477	9,854
65 Chickens sold.....number..	4,783,178	11,551	870	178,643	13,524	21,353	16,472	2,638
66 Value of chickens and eggs produced.....dollars..	32,237,585	104,505	27,416	1,110,792	126,624	159,286	144,960	30,820
67 Receipts from sale of chickens and eggs.....dollars..	19,536,350	43,012	6,648	782,149	46,093	83,336	69,258	14,789
Honey and wax:								
68 Honey produced.....pounds..	1,321,447	5,349		19,100	11,092	30,762	10,164	
69 Wax produced.....pounds..	20,804	60		279	140	422	15	
70 Value of honey and wax.....dollars..	410,950	1,690		6,024	3,480	12,478	3,156	
Wool:								
71 Sheep shorn.....number..	906,649	7,621	437	9,024	5,538	1,705	3,496	87
72 Wool produced (as reported).....pounds..	7,051,939	55,408	2,875	69,759	39,887	11,070	26,963	448
73 Value.....dollars..	4,131,704	32,241	1,680	40,670	23,553	6,276	15,217	247

* Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1 Inclosures reporting domestic animals.....	42,476	101	338	575	346	335	171	179
2 Horses, total number.....	58,474	136	712	630	345	428	264	183
3 Mules, total number.....	894			21		1		2
4 Asses and burros, total number.....	66							
5 Cattle, total number.....	42,061	204	688	322	274	442	287	341
6 Dairy cows.....	29,114	94	403	237	226	293	183	226
7 Sheep, total number.....	7,465	121	4	31	66	8	3	
8 Goats, total number.....	420							
9 Swine, total number.....	23,970	62	697	218	167	190	100	49

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1920; AND LIVE-STOCK PRODUCTS, 1919.

Barry.	Bay.	Bonzio.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Choboygan.	Chippewa.	Clare.	Clinton.	Crawford.
3,076 3,420,873	3,113 2,445,007	833 487,468	4,902 3,248,328	3,111 3,085,235	3,485 4,154,397	2,380 2,467,474	1,223 875,386	1,113 783,253	1,484 1,301,091	1,200 1,044,110	3,232 4,647,807	194 143,656
10,591 303 458 5,108 4,697 4,25 913,314	9,783 227 255 4,702 4,577 22 881,901	2,330 33 81 958 1,256 11 203,489	12,453 253 304 5,834 5,058 44 1,303,401	10,262 236 369 5,040 4,585 32 888,227	12,024 351 406 5,090 6,055 32 1,047,532	8,415 277 326 4,182 3,594 36 793,101	3,211 130 163 1,461 1,450 17 308,000	2,712 84 110 1,245 1,254 13 312,105	4,581 262 258 2,141 1,905 15 581,019	4,005 145 244 1,940 1,654 22 283,128	12,673 372 561 6,070 5,056 35 1,154,817	469 15 16 220 217 8 40,780
83 2 81 8,775 2 200 23,894 1,642,588 5,674 1,750 718 992 1,575 587 52 306,316 18,220 3,449 2,135 12,239 397 1,336,272 33,733 7,859 24,412 988 474 383,519 22 175 25,577 10,085 4,033 289 4,570 478,302 195,093 4,430 215,140 1,273 7,165 5,954,978 1,735,290 93,928 783,337 348,720 140,503 1,134,920 1,024,105 503 1,021,318 688,125 203,555 90,329 610,188 371,347 11,614 242 3,687 27,157 211,127 124,575	32 32 47 3,665 1 25 24,003 1,298,927 1,840 557 236 649 158 10 72,726 22,163 4,494 3,146 14,006 427 1,224,201 2,022 344 1,618 58 2 22,292 1 5 14,835 9,290 2,156 181 3,205 240,192 152,106 4,813 147,188 1,925 10,549 5,219,800 2,387,481 101,087 214,841 628,592 280,459 180 1,115,339 929,854 391 704,110 419,829 192,860 51,905 473,157 222,093 31,881 328 10,001 1,207 9,376 5,433	47 2 47 6,214 2 150 4,907 232,743 960 338 104 158 335 22 12 36,676 3,038 957 595 2,332 51 100,067 650 165 457 17 11 6,973 19 175 1,822 953 367 29 473 37,899 31,980 365 31,061 747 4,706 751,064 54,134 12,990 83,645 132,984 53,674 40 160,193 118,750 406 150,999 85,360 33,671 11,275 91,704 45,527 11,510 197 3,639 412 3,106 1,703	414 14 48 352 54,685 8 290 20,043 1,382,817 1,651 580 220 512 186 85 92 93,683 18,392 3,065 2,259 12,691 377 1,288,734 8,449 2,026 6,335 271 17 108,126 19 175 22,029 13,804 3,538 321 5,266 369,434 248,525 5,902 256,820 2,204 0,880 4,047,246 1,502,349 44,401 406,022 569,228 228,235 6,421 970,063 300,050 433 1,121,431 576,535 353,216 90,774 303,024 320,571 17,838 201 5,002 6,923 53,394 32,403	126 7 18 6 113 13,902 3 220 23,442 1,580,527 10,408 2,103 1,070 768 1,429 710 48 202,286 18,863 3,246 2,282 15,177 447 1,481,252 40,604 10,820 27,095 961 265 502,029 26 55 37,022 24,860 6,187 464 5,397 585,080 245,817 7,005 260,215 1,624 8,474 5,053,011 1,317,051 50,132 890,669 436,899 212,584 1,365 1,230,511 1,119,445 416 1,119,012 798,790 222,189 119,718 692,255 453,820 14,057 213 4,621 29,447 215,770 129,392	172 18 26 26 137 17,507 6 240 34,176 2,058,673 4,166 1,095 606 1,200 3,803 2,120 146 42 239,599 13,283 2,233 971 4,683 119 808,396 15,495 3,314 11,693 409 79 445,101 31 185 25,161 14,645 4,629 386 5,501 424,764 46,098 1,370 46,155 2,119 17,237 1,758,817 111,401 45,962 601,317 295,712 149,175 810 358,283 283,819 414 229,146 131,313 54,375 19,422 149,213 75,718 53,502 887 16,905 2,750 20,065 11,829	42 13 9 2 12 5,225 1,700 1,025 2,445 11,990 1 40 9,798 462,901 1,792 1,518 661 128 271 264 40 157 37 59,032 6,743 2,005 851 3,773 114 303,366 4,827 870 3,826 128 3 55,832 2 163 1,215 2,804 1,542 649 71 542 50,003 42,224 1,042 83,165 1,007 7,367 1,612,833 60,521 18,317 124,669 275,142 127,227 100 257,772 182,850 481 165,316 77,255 44,240 10,269 115,424 44,261 21,455 327 6,760 2,517 17,932 10,187	9 29 2 2 9 1,025 2,445 11,990 1 40 10,963 549,002 2,600 961 231 281 212 811 175 49 109,219 8,363 2,407 1,063 4,801 92 439,783 14,002 3,043 10,212 292 455 141,101 26 156 4,181 2,609 883 52 637 08,278 45,562 1,108 42,131 421 1,804 2,154,529 218,596 59,786 313,841 168,252 33,296 329,110 258,934 483 180,946 780,388 46,438 15,233 107,725 51,637 4,523 28 1,412 12,127 79,744 50,051	31,668 2,312,662 10,718 3,300 1,305 1,922 2,094 1,017 180 588,450 20,950 3,379 2,964 14,207 400 1,724,203 51,893 9,413 41,010 1,331 139 608,683 21 167 32,001 19,361 6,133 505 6,002 559,448 225,701 4,388 240,192 1,005 10,831 6,728,187 4,079,179 97,221 293,449 394,465 112,533 108 1,428,986 1,325,008 485 1,000,109 780,388 206,092 88,382 592,036 390,484 31,408 394 9,878 45,420 341,878 201,364	194 143,656 469 15 16 220 217 8 40,780 2 10 2 12 13 400 2 50 1,390 67,296 203 72 20 43 31 33 701 2,260 164 683 15 60,001 3,116 701 2,260 56 37 25,969 39 40 375 215 115 11 34 9,161 47 48 7,277 6 50 4 51 290,650 46,816 3,446 15,874 48,575 28,687 55,666 44,808 473 29,733 14,174 7,744 2,552 20,932 8,988 30 9 1,874 14,418 8,376	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73		

NOT ON FARMS OR RANGES: 1920.

373	765	139	625	512	847	429	449	305	690	161	470	86	1
469	927	159	878	617	1,254	541	590	459	1,212	207	573	151	2
10	52	17	3	2	31	5	12	3	17	15	15	4	3
272	383	212	396	365	470	379	479	281	900	171	640	98	5
190	200	103	301	284	351	282	331	199	559	118	241	62	0
38	1	1	4	178	168	55	19	18	770	62	337	7	7
128	505	65	342	519	534	358	243	215	491	40	54	80	8

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COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

		Delta.	Dickinson.	Eaton.	Emmet.	Genesee.	Hadwin.	Hogebie.	Grand Traverse.
DOMESTIC ANIMALS: 1920.									
1	Farms reporting domestic animals.....number..	1,291	398	3,577	1,177	3,479	1,408	493	1,598
2	Value of all domestic animals.....dollars..	1,266,009	511,182	4,566,078	882,397	4,575,573	1,411,975	420,645	1,138,968
3	Horses:								
4	Total number.....	3,181	879	12,791	2,843	13,106	4,742	763	4,411
5	Colts under 1 year of age.....	127	18	320	70	364	235	17	110
6	Colts 1 year old and under 2 years.....	161	35	451	112	432	279	17	126
7	Mares 2 years old and over.....	1,547	340	6,148	1,314	6,180	2,252	314	2,206
8	Geldings 2 years old and over.....	1,336	486	5,827	1,330	6,067	1,956	406	1,963
9	Stallions 2 years old and over.....	10	45	17	57	20	9	12	12
10	Total value.....dollars..	511,211	158,743	1,122,901	324,920	1,233,190	403,982	147,430	483,317
11	Mules:								
12	Total number.....	6	12	124	21	96	52	3	50
13	Mule colts under 1 year of age.....	1	1	11	—	8	13	—	3
14	Mule colts 1 year old and under 2 years.....	—	—	12	—	8	3	—	47
15	Mules 2 years old and over.....	5	12	101	21	88	30	3	7,917
16	Total value.....dollars..	825	1,325	13,430	3,510	11,805	5,314	525	—
17	Asses and burros:								
18	Total number.....	—	—	3	—	1	1	—	—
19	Total value.....dollars..	—	—	53	—	20	100	—	—
20	Cattle:								
21	Total number.....	11,820	4,248	31,045	9,120	34,044	13,066	3,833	10,037
22	Total value.....dollars..	650,080	243,412	2,313,330	449,114	2,401,860	789,104	250,338	540,959
23	Beef cattle—								
24	Total number.....	1,110	382	6,418	1,627	8,564	3,375	123	1,515
25	Calves under 1 year of age.....	273	121	1,796	683	2,029	1,115	65	561
26	Heifers 1 year old and under 2 years.....	143	51	705	213	1,201	288	15	205
27	Cows and heifers 2 years old and over.....	362	83	1,293	341	1,188	496	20	251
28	Steers 1 year old and under 2 years.....	255	92	1,813	307	2,046	1,094	7	346
29	Steers 2 years old and over.....	46	32	748	42	1,030	353	3	133
30	Bulls 1 year old and over.....	41	3	148	41	170	29	4	19
31	Total value.....dollars..	48,561	16,984	374,576	58,120	552,195	169,054	5,280	67,859
32	Dairy cattle—								
33	Total number.....	10,710	3,866	24,627	7,502	25,480	10,501	3,710	8,522
34	Calves under 1 year of age.....	2,694	843	4,945	1,870	5,110	2,863	950	2,078
35	Heifers 1 year old and under 2 years.....	1,690	668	3,434	1,075	3,348	1,575	550	1,186
36	Cows and heifers 2 years old and over.....	6,021	2,264	15,861	4,447	10,567	5,060	2,118	5,089
37	Bulls 1 year old and over.....	305	101	387	110	455	193	83	169
38	Total value.....dollars..	601,519	226,428	1,938,763	390,988	1,000,674	610,210	254,058	473,100
39	Sheep:								
40	Total number.....	4,041	6,987	50,623	2,253	38,096	6,003	741	1,493
41	Lambs under 1 year of age.....	575	1,330	9,952	570	15,382	1,277	131	353
42	Ewes 1 year old and over.....	2,978	5,455	39,101	1,588	21,196	5,450	555	1,052
43	Rams 1 year old and over.....	141	172	1,558	69	671	174	38	68
44	Wethers 1 year old and over.....	47	82	222	20	847	2	17	25
45	Total value.....dollars..	50,827	83,325	585,147	28,418	407,580	80,150	11,023	16,615
46	Goats:								
47	Total number.....	1	1	10	1	3	2	1	12
48	Total value.....dollars..	15	15	231	10	23	12	10	76
49	Swine:								
50	Total number.....	2,711	1,038	28,893	2,574	25,802	6,001	334	4,569
51	Pigs under 6 months old.....	1,468	492	18,156	1,448	16,190	4,188	170	2,197
52	Sows and gilts for breeding, 6 months old and over.....	630	280	6,086	497	3,871	1,295	48	956
53	Boars for breeding, 6 months old and over.....	114	37	631	40	315	92	6	73
54	All other hogs, 6 months old and over.....	499	229	5,320	580	5,417	1,026	104	1,233
55	Total value.....dollars..	53,711	24,812	531,477	46,425	461,368	127,253	8,310	91,074
POULTRY AND BEES: 1920.									
56	Chickens.....number..	39,483	10,493	241,607	45,648	210,503	50,766	6,759	67,394
57	Other poultry.....number..	497	142	4,356	1,295	4,758	1,411	100	1,210
58	Value of all poultry.....dollars..	39,192	10,217	269,043	44,023	238,843	61,135	7,130	66,794
59	Bees.....number of hives.....	138	1,944	1,858	1,850	1,850	1,574	27	697
60	Total value.....dollars..	1,388	11,533	16,600	11,118	9,318	325	5,013	—
LIVE-STOCK PRODUCTS: 1919.									
61	Dairy products:								
62	Milk produced (as reported).....gallons..	2,638,695	622,684	7,412,302	1,687,843	7,453,239	2,486,666	852,388	1,820,829
63	Milk sold.....gallons..	625,652	162,255	4,474,514	221,840	3,845,438	72,092	122,526	135,001
64	Cream sold.....gallons..	44,683	39,653	78,863	28,043	68,496	58,497	12,568	22,780
65	Butter fat sold.....pounds..	250,121	67,971	388,206	134,001	334,751	449,002	102,746	103,133
66	Butter made on farms.....pounds..	304,692	73,734	305,731	200,043	534,736	199,622	126,082	285,349
67	Butter sold.....pounds..	146,123	27,613	102,984	151,124	292,739	26,170	39,943	105,095
68	Cheese made on farms.....pounds..	200	3,294	80	2,134	—	320	1,102	275
69	Value of dairy products.....dollars..	450,160	168,407	1,590,317	333,502	1,472,271	451,213	180,813	344,601
70	Receipts from sale of dairy products.....dollars..	366,582	142,768	1,481,004	270,053	1,333,238	360,630	133,850	243,489
71	Average production of milk per dairy cow.....gallons..	468	474	507	404	482	443	429	396
72	Eggs and chickens:								
73	Eggs produced (as reported).....dozens..	257,658	58,143	1,042,236	226,784	921,485	293,771	40,917	301,035
74	Eggs sold.....dozens..	19,400	19,400	847,570	132,027	594,912	108,201	12,666	153,651
75	Chickens raised (as reported).....number..	33,872	7,870	222,698	46,874	209,408	59,723	4,993	76,064
76	Chickens sold.....number..	9,926	1,470	118,067	17,163	90,430	23,357	810	27,979
77	Value of chickens and eggs produced.....dollars..	141,822	32,829	670,859	147,435	627,425	161,203	25,632	187,015
78	Receipts from sale of chickens and eggs.....dollars..	62,344	9,941	460,755	70,005	354,848	84,034	7,280	85,705
79	Honey and wax:								
80	Honey produced.....pounds..	—	9,353	22,581	61,154	23,486	37,449	991	15,897
81	Wax produced.....pounds..	—	95	608	1,040	708	582	5	154
82	Value of honey and wax.....dollars..	—	2,933	7,219	19,332	7,630	11,819	300	4,983
83	Wool:								
84	Sheep shorn.....number..	3,048	7,467	41,380	1,256	24,553	5,588	354	1,608
85	Wool produced (as reported).....pounds..	19,519	53,310	319,099	8,732	102,975	39,764	1,066	11,616
86	Value.....dollars..	9,809	23,666	188,979	4,757	115,664	23,390	1,114	5,887

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1	Inclosures reporting domestic animals.....	509	010	669	265	1,033	119	1,496	255
2	Horses, total number.....	741	524	857	381	1,933	168	1,273	353
3	Mules, total number.....	6	11	13	1	10	2	21	7
4	Asses and burros, total number.....	—	—	—	—	3	1	1	—
5	Cattle, total number.....	733	1,827	468	258	605	154	2,185	217
6	Dairy cows.....	594	1,182	325	197	443	112	1,595	159
7	Sheep, total number.....	198	74	161	—	149	138	59	26
8	Goats, total number.....	12	—	4	—	2	5	—	6
9	Swine, total number.....	398	284	305	107	573	99	527	142

1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalamazoo.	Kalamazoo.
3,724 4,090,613	3,870 4,487,023	1,532 1,194,119	4,451 4,083,652	3,090 4,302,294	3,105 4,521,409	897 937,700	568 545,303	3,188 3,053,384	3,328 4,150,174	2,042 2,037,874	740 480,861	5,303 4,074,163
13,284 372 493 6,552 5,837 30 1,190,848	12,888 320 422 6,344 5,753 43 1,157,064	2,504 04 55 827 1,640 18 406,073	17,020 003 809 8,422 7,073 40 1,519,709	11,731 273 419 5,013 5,382 44 981,220	12,284 453 502 6,059 5,676 34 1,101,899	2,810 139 103 1,350 1,101 18 238,978	1,129 21 20 451 014 14 190,889	11,401 345 692 5,021 4,808 20 971,058	12,338 301 382 5,021 4,713 41 1,032,780	9,036 191 321 4,389 4,713 22 918,268	1,807 40 54 880 809 8 197,333	15,835 401 561 7,191 7,530 50 1,407,436
100 5 95 10,998 2 27	212 14 15 183 24,499 8 102	9 2 7 1,425 1 100	50 8 3 45 5,235	05 2 63 7,075	99 3 5 01 10,405	15 1 14 1,525	2 3 2 200	42 3 2 3,875	201 2 4 200	132 2 8 122 13,500	43 3 1 39 5,385	81 2 6 73 8,625
20,709 2,030,932	28,524 2,105,430	10,961 102,521	00,240 2,008,423	20,301 2,109,931	32,580 2,372,403	9,263 513,605	4,753 301,813	26,894 1,010,060	32,050 2,017,042	21,901 1,340,082	4,670 245,174	41,952 2,876,071
6,089 1,858 606 709 2,337 1,132 47 376,375	4,114 1,070 453 711 1,177 609 88 204,102	531 220 93 171 28 9 10 22,377	24,132 9,111 2,008 917 2,772 6,390 2,205 101 042,253	9,320 2,748 1,008 1,289 3,170 1,081 177 591,880	11,083 2,748 1,008 1,289 3,170 2,675 75 800,311	2,108 085 108 310 495 401 40 98,974	405 173 42 99 90 50 5 20,958	9,756 4,040 1,307 1,207 2,240 704 72 411,340	7,003 1,018 707 1,111 2,202 1,751 154 455,805	5,342 2,155 594 012 1,100 474 107 250,055	402 172 33 58 123 9 7 10,025	7,753 2,732 21 1,077 1,605 440 162 409,823
23,020 4,467 2,800 16,300 447 1,060,557	24,410 4,085 3,036 16,832 457 1,841,247	10,430 2,301 1,580 0,141 330 600,144	36,114 7,312 4,500 23,580 722 2,020,170	19,975 4,055 2,079 12,885 470 1,608,051	20,897 4,647 2,041 13,130 470 1,503,152	7,155 2,283 913 3,363 96 414,721	4,288 1,006 712 2,309 141 274,885	17,138 3,102 2,121 11,581 334 1,108,720	24,447 5,210 2,227 15,308 557 1,502,137	10,550 3,061 2,227 10,023 348 1,087,027	4,268 1,107 530 2,438 103 229,140	34,109 7,218 4,343 22,033 805 2,405,251
25,825 4,458 20,694 635 68 307,307 34 378	41,051 11,053 28,774 1,070 148 491,878 13 60	5,400 1,408 3,014 84 3 58,995	7,445 1,040 5,564 232 3 91 807	53,551 13,327 38,002 1,005 407 572,170	45,011 14,585 30,200 1,005 52 551,080	11,860 3,919 7,596 333 12 133,006	2,134 251 1,712 69 99 26,407	10,820 3,399 12,725 399 303 174,355	41,830 13,006 20,752 870 602 407,593	22,898 6,049 10,310 470 64 261,893	454 120 322 12 37 4,952	14,450 3,300 10,733 320 37 170,079
20,034 18,022 5,044 388 6,580 544,023	40,578 26,804 7,071 523 0,120 707,835	1,895 057 408 71 390 45,005	27,946 17,011 3,331 232 0,772 398,247	28,199 16,918 5,004 404 5,873 541,852	27,497 17,102 4,863 312 5,220 487,871	3,133 1,056 008 02 507 50,492	801 445 108 18 170 10,944	10,785 10,014 2,940 269 3,553 203,000	32,832 20,418 6,043 390 0,386 011,820	22,270 13,532 4,107 334 4,303 300,780	1,725 800 400 42 381 33,817	23,003 14,274 3,073 250 4,590 452,820
252,578 0,454 262,063 2,008 8,323	331,936 7,438 355,437 1,509 0,990	27,113 427 27,127	201,428 0,705 262,062 3,188 19,523	209,538 4,044 235,350 1,529 7,301	204,343 4,561 220,065 1,806 10,089	35,270 1,102 35,152 845 4,813	15,470 178 10,187 13 80	182,203 2,300 173,102 1,957 0,070	218,473 5,353 236,670 1,174 6,211	100,120 3,471 173,760 905 5,148	29,752 775 28,004 354 3,183	200,303 6,464 291,350 1,838 11,280
5,382,430 2,743,551 91,632 394,282 409,950 125,821 205 1,281,173 1,182,952 420	7,840,205 4,020,832 31,780 800,977 283,984 100,644 654 1,703,000 1,605,354 612	2,340,802 486,526 40,078 49,580 334,917 142,962 3,447 420,074 314,300 414	9,048,904 2,955,979 51,070 994,897 593,102 90,136 192 1,628,180 1,271,778 407	6,237,810 2,974,025 78,987 426,070 360,509 127,890 294 1,220,734 1,100,037 517	5,746,078 1,554,882 35,230 1,012,004 414,129 146,567 294 1,217,347 1,072,100 483	1,071,650 112,899 20,570 284,794 176,904 80,590 700 284,881 221,634 473	970,380 50,872 20,310 80,960 124,550 48,405 405 154,833 115,325 477	5,120,025 1,092,115 74,781 353,849 447,272 104,050 515 1,010,403 844,435 443	7,100,721 1,054,042 80,765 475,207 446,013 231,845 213,409 1,430,889 1,311,852 465	4,401,902 1,042,070 70,592 475,207 446,013 213,409 2,025 1,056,890 935,035 473	1,184,818 10,171 14,339 151,272 125,070 40,188 384 177,236 135,642 408	11,057,307 5,181,140 201,870 702,426 681,026 357,303 3,710 2,417,089 2,230,411 543
1,068,637 857,445 227,481 106,812 630,600 430,625	1,718,480 1,398,102 311,201 171,293 915,643 677,423	120,790 45,778 19,493 6,024 78,528 20,482	1,467,631 1,106,174 216,388 61,313 745,504 479,136	1,047,510 604,047 207,706 98,044 047,750 370,891	1,038,009 722,999 214,045 101,950 614,200 382,471	177,747 85,501 35,400 12,478 99,817 44,275	94,760 37,160 11,806 3,188 57,061 21,348	838,056 480,908 162,024 71,031 450,422 201,482	1,091,820 754,141 208,587 94,004 607,155 408,631	780,261 64,002 159,451 80,455 486,152 285,041	127,472 64,002 37,527 12,515 83,334 37,283	1,308,243 770,622 230,602 119,317 794,958 447,415
40,255 650 12,713	7,787 192 2,483	..... ..... .....	67,225 1,040 21,214	14,749 127 4,018	13,550 315 4,315	18,832 130 5,887	100 50	24,567 235 7,701	12,270 88 3,836	12,070 40 3,756	12,523 170 3,043	13,148 200 4,151
20,847 159,014 95,049	29,730 236,196 146,972	3,133 24,230 12,375	5,054 43,637 24,493	43,291 348,773 200,824	40,283 209,705 172,285	10,705 74,097 47,745	1,840 11,095 6,218	13,234 98,349 50,136	32,161 271,660 150,180	17,427 134,009 79,809	367 2,712 1,440	12,506 97,457 55,121

NOT ON FARMS OR RANGES: 1920—Continued.

610	626	2,181	543	565	537	247	1,134	265	778	833	127	1,144	1
741	673	1,373	492	1,424	695	175	816	356	1,160	1,140	249	2,139	2
4	10	.....	10	27	11	.....	10	.....	19	8	2	53	3
.....	2	1	.....	.....	1	.....	.....	.....	1	4	.....	1	4
501	502	3,010	450	544	503	230	2,222	200	425	570	123	707	5
390	327	2,308	368	394	305	190	1,430	165	289	429	90	572	6
411	746	40	53	319	184	20	41	26	59	410	1	30	7
3	1	2	.....	6	4	.....	2	2	14	27	2	13	8
330	828	683	406	394	328	172	410	179	484	317	92	311	9

AGRICULTURE—MICHIGAN.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

		Keweenaw.	Lake.	Lapeer.	Leelanau.	Lenawee.	Livingston.	Lucas.	Mackinac.
DOMESTIC ANIMALS: 1920.									
1	Farms reporting domestic animals.....	65	688	3,504	1,287	4,803	2,495	175	456
2	Value of all domestic animals.....	40,414	567,735	4,279,861	910,694	7,673,022	4,067,473	222,537	361,759
Horses:									
3	Total number.....	85	1,896	13,625	3,425	17,531	9,402	462	1,181
4	Colts under 1 year of age.....		61	339	71	324	222	18	69
5	Colts 1 year old and under 2 years.....		108	608	87	498	293	17	85
6	Mares 2 years old and over.....	15	892	6,491	1,632	8,685	4,590	188	509
7	Geldings 2 years old and over.....	69	828	5,850	1,617	7,975	4,280	236	512
8	Stallions 2 years old and over.....	1	7	47	18	49	17	3	6
9	Total value.....	14,745	180,183	1,133,368	399,359	1,760,385	841,391	70,097	149,867
Mules:									
10	Total number.....		39	53	45	277	78	2	2
11	Mule colts under 1 year of age.....		1	6	2	34	1		
12	Mule colts 1 year old and under 2 years.....		38	46	41	219	69		2
13	Mules 2 years old and over.....		5,455	5,950	6,800	34,510	7,810	300	400
14	Total value.....								
Asses and burros:									
15	Total number.....			1		14	6		
16	Total value.....			100		980	324		
Cattle:									
17	Total number.....	411	6,489	36,748	10,350	44,218	27,751	1,753	3,717
18	Total value.....	24,486	322,207	2,402,915	428,222	3,923,656	2,494,673	123,141	184,915
Beef cattle:									
19	Total number.....	45	1,289	10,099	2,933	8,225	4,035	390	695
20	Calves under 1 year of age.....	19	274	2,991	1,000	943	703	101	292
21	Heifers 1 year old and under 2 years.....	9	224	1,215	341	470	549	36	94
22	Cows and heifers 2 years old and over.....	5	291	2,078	719	539	755	125	127
23	Steers 1 year old and under 2 years.....	11	377	2,583	620	1,516	1,341	81	136
24	Steers 2 years old and over.....		109	1,019	153	4,716	614	44	43
25	Bulls 1 year old and over.....	1	14	213	100	41	73	8	3
26	Total value.....	1,460	58,940	521,912	101,102	839,284	260,213	19,866	25,597
Dairy cattle:									
27	Total number.....	360	5,200	26,649	7,417	35,993	23,716	1,363	3,022
28	Calves under 1 year of age.....	89	1,505	6,204	1,772	5,407	5,206	402	676
29	Heifers 1 year old and under 2 years.....	50	783	3,460	1,075	4,760	4,029	208	469
30	Cows and heifers 2 years old and over.....	216	2,823	16,549	4,406	24,917	14,010	730	1,807
31	Bulls 1 year old and over.....	11	89	436	164	859	471	23	70
32	Total value.....	23,026	263,261	1,881,003	327,120	3,084,372	2,234,360	103,275	159,318
Sheep:									
33	Total number.....	14	2,247	28,932	1,287	66,340	39,511	1,247	687
34	Lambs under 1 year of age.....	1	677	8,616	356	38,893	10,115	138	122
35	Ewes 1 year old and over.....	10	1,466	20,948	832	24,649	28,520	1,080	542
36	Rams 1 year old and over.....	3	67	663	70	768	674	26	17
37	Wethers 1 year old and over.....		7	705	29	2,230	202	3	6
38	Total value.....	173	21,543	331,290	13,499	750,681	439,830	15,905	8,707
Goats:									
39	Total number.....		6	24		27			
40	Total value.....		31	70		180			
Swine:									
41	Total number.....	44	1,958	24,309	4,100	64,533	16,145	827	947
42	Pigs under 6 months old.....	30	1,044	10,021	2,315	39,655	9,401	574	444
43	Sows and gilts for breeding, 6 months old and over.....	11	387	3,817	684	9,217	2,836	112	270
44	Boars for breeding, 6 months old and over.....	2	46	251	85	783	158	7	36
45	All other hogs, 6 months old and over.....		487	4,220	1,016	14,848	3,710	134	197
46	Total value.....	1,010	38,310	406,138	65,814	1,202,624	283,545	13,094	17,870
POULTRY AND BEES: 1920.									
47	Chickens.....	1,188	25,175	222,878	55,809	452,301	159,533	5,603	12,848
48	Other poultry.....	53	967	7,684	1,390	11,020	4,287	216	546
49	Value of all poultry.....	1,261	27,001	243,265	52,106	509,410	190,253	6,195	14,016
50	Bees.....		267	2,225	667	2,443	1,079		4
51	Total value.....		1,539	11,275	5,236	11,557	7,647		29
LIVE-STOCK PRODUCTS: 1919.									
Dairy products:									
52	Milk produced (as reported).....	93,211	846,864	8,242,289	1,509,552	12,343,983	6,857,403	323,826	507,156
53	Milk sold.....	15,858	37,769	2,015,296	67,764	9,627,571	5,439,528	6,434	35,450
54	Cream sold.....	911	25,440	88,186	20,147	126,916	22,233	3,194	23,567
55	Butter fat sold.....	1,480	132,235	1,160,139	159,435	188,481	132,334	6,397	25,378
56	Butter made on farms.....	13,867	60,615	608,157	181,646	345,010	251,661	65,893	107,605
57	Butter sold.....	6,600	12,828	214,377	57,964	162,331	115,489	25,454	52,321
58	Cheese made on farms.....		454	210	183	390	30		
59	Value of dairy products.....	13,746	162,535	1,572,583	247,719	3,058,509	1,631,356	43,885	109,991
60	Receipts from sale of dairy products.....	10,234	136,529	1,379,597	184,602	2,960,621	1,557,369	22,701	82,485
61	Average production of milk per dairy cow.....	429	343	477	362	541	541	553	517
Eggs and chickens:									
62	Eggs produced (as reported).....	6,126	117,331	1,208,333	260,124	2,177,124	856,220	26,724	71,311
63	Eggs sold.....	2,302	62,526	855,567	153,052	1,746,377	587,298	8,713	26,079
64	Chickens raised (as reported).....	994	31,452	211,125	52,334	436,869	221,961	4,996	7,808
65	Chickens sold.....	319	11,852	96,626	13,803	232,884	123,394	1,369	2,868
66	Value of chickens and eggs produced.....	3,638	76,243	848,846	150,088	1,372,961	531,155	18,058	40,710
67	Receipts from sale of chickens and eggs.....	1,351	36,735	554,268	74,353	986,060	340,760	6,620	14,974
Honey and wax:									
68	Honey produced.....		3,143	35,913	12,399	19,356	12,380		69
69	Wax produced.....		17	513	235	308	140		
70	Value of honey and wax.....		980	11,318	3,029	6,143	3,888		21
Wool:									
71	Sheep shorn.....	13	1,688	24,085	984	32,547	30,932	144	486
72	Wool produced (as reported).....	41	12,129	204,643	7,731	268,785	265,635	1,243	3,611
73	Value.....	22	7,155	125,680	3,953	150,529	157,082	674	1,865

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1	Inclosures reporting domestic animals.....	358	113	453	87	863	327	172	333
2	Horses, total number.....	190	121	562	141	1,007	395	383	549
3	Mules, total number.....		1	4		20	2		2
4	Asses and burros, total number.....					3			
5	Cattle, total number.....	640	253	342	188	456	228	278	572
6	Dairy cows.....	414	157	259	55	328	184	155	325
7	Sheep, total number.....	8	8	243	55	191	135	8	18
8	Goats, total number.....			7		6	4		
9	Swine, total number.....	67	33	247	72	748	132	268	260

AGRICULTURE—MICHIGAN.

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1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

Macomb.	Manistee.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.	Missaukee.	Monroe.	Montcalm.	Montmorency.	Muskegon.	Newaygo.	
3,426	1,426	774	1,900	2,544	2,028	2,104	1,233	3,946	4,262	404	1,873	2,719	1
3,945,064	874,617	649,374	1,260,416	1,823,948	1,882,473	1,071,660	1,037,495	4,064,232	3,170,170	336,789	1,463,297	2,024,245	2
10,705	3,601	1,540	5,433	7,553	5,063	6,772	4,010	12,829	12,670	1,103	4,971	7,927	3
175	88	42	124	201	207	234	273	275	354	48	170	232	4
244	150	60	187	363	205	293	167	370	508	54	198	381	5
5,009	1,666	582	2,524	3,681	2,170	3,383	1,064	6,250	5,818	500	2,090	3,654	6
5,251	1,075	840	2,578	3,291	2,309	2,832	1,594	5,897	5,953	495	2,485	3,639	7
26	22	16	20	17	22	30	12	31	37	6	19	21	8
981,863	317,794	262,916	456,953	622,169	697,637	580,832	354,860	1,120,689	1,080,930	108,996	460,843	687,701	9
89	50	4	49	40	20	73	22	90	57	14	51	141	10
26	3	4	4	1	2	8	1	1	1	1	1	4	11
21	3	4	8	4	4	1	1	5	1	1	1	12	12
42	47	4	37	35	16	65	21	90	56	12	60	125	13
8,885	5,400	425	4,801	4,080	2,814	7,220	2,270	11,005	7,490	1,840	5,165	14,182	14
			1	1	1	4	2	4	1			2	15
			30	20	50	347	230	240	30			250	16
30,948	9,754	5,955	12,811	18,037	21,510	10,813	11,271	27,015	27,512	4,018	13,436	19,847	17
2,537,213	467,730	346,897	673,224	962,075	1,052,552	855,611	581,601	2,132,634	1,714,738	181,267	828,903	1,059,580	18
3,002	2,367	294	1,840	2,213	635	5,885	1,607	4,080	4,741	1,366	1,479	2,787	19
603	871	86	668	1,041	109	4,194	903	456	1,179	661	457	1,013	20
448	284	37	240	180	180	392	218	193	676	99	185	461	21
715	571	94	340	220	171	215	151	382	605	402	100	441	22
909	430	51	425	541	130	863	288	1,208	1,663	157	442	694	23
372	126	21	119	104	24	211	85	1,828	588	23	244	121	24
45	70	5	48	16	21	10	12	13	30	24	11	57	25
176,798	102,944	13,752	80,707	74,401	27,781	161,630	50,088	332,722	232,591	48,644	63,348	115,859	26
27,850	7,387	5,661	10,071	15,824	20,875	13,428	9,664	22,935	22,771	2,052	11,057	17,060	27
8,841	1,692	1,371	2,612	3,847	4,763	3,711	2,728	3,277	4,855	720	2,373	4,341	28
3,246	1,093	953	1,406	2,114	3,312	1,666	1,020	2,847	2,760	353	1,527	2,241	29
20,119	4,470	3,139	6,663	9,624	12,298	7,830	5,796	16,289	14,730	1,529	7,850	10,189	30
650	123	108	200	239	512	221	120	625	307	41	198	289	31
2,369,415	364,786	333,146	588,517	887,074	1,024,771	660,881	531,513	1,709,912	1,482,147	132,623	765,556	940,721	32
9,910	816	877	2,819	7,710	1,887	6,829	5,625	12,800	11,553	2,525	2,379	9,331	33
2,439	249	251	428	1,464	352	1,398	1,154	3,864	2,546	518	666	3,166	34
7,140	518	549	2,816	6,013	1,415	5,227	4,328	8,199	8,235	1,935	1,652	5,840	35
236	40	64	41	219	119	171	135	204	261	60	50	201	36
95	9	13	34	14	1	33	8	443	511	3	9	124	37
117,403	9,498	10,357	30,052	80,708	22,862	71,066	58,613	143,043	123,012	25,315	26,634	86,247	38
9	8	4	36	4	22	2	19	31	91	15	15	17	39
69	68	40	133	20	327	15	125	250	521	127	127	142	40
17,179	4,042	1,425	5,596	8,559	6,315	9,608	3,290	40,532	13,767	1,174	7,523	9,755	41
11,227	2,401	819	3,429	5,323	3,390	6,661	1,705	25,485	8,588	683	5,161	6,125	42
2,275	672	266	1,049	1,821	1,224	1,661	702	5,042	2,636	191	1,335	1,696	43
171	64	42	77	95	147	103	76	380	153	18	121	114	44
3,506	815	298	1,041	1,320	1,554	1,283	696	9,625	2,390	287	906	1,820	45
269,631	74,037	28,739	93,223	154,877	106,331	153,753	59,796	649,471	243,449	19,871	141,625	170,083	46
237,730	52,710	21,520	68,528	121,899	58,117	107,485	52,710	364,451	228,051	13,353	90,959	141,410	47
6,180	827	130	798	2,073	1,004	2,146	954	10,121	2,292	456	5,708	2,099	48
275,314	40,567	21,007	65,550	119,426	51,413	107,710	50,414	388,078	215,678	12,876	98,338	135,038	49
1,331	740	934	1,287	110	110	1,558	1,010	1,838	1,282	263	929	1,302	50
6,121	4,402	4,093	5,451	746	746	10,163	5,128	7,436	6,248	2,149	3,166	7,750	51
10,149,425	1,458,250	1,150,110	2,548,884	4,251,009	4,493,964	3,023,840	2,095,827	7,218,810	5,691,300	662,196	3,043,756	3,055,948	52
7,632,276	166,041	174,584	370,810	101,421	1,475,058	121,249	10,012	4,839,902	1,910,072	19,004	1,413,000	147,552	53
63,140	27,337	20,717	49,534	58,450	105,843	50,799	20,942	81,957	82,686	9,452	25,917	59,166	54
200,164	142,560	35,305	257,749	792,674	287,347	551,629	518,327	106,972	700,371	85,461	366,790	901,274	55
433,627	249,426	173,798	386,878	346,890	344,915	341,927	167,947	276,692	536,374	82,193	191,914	242,791	56
243,810	100,038	80,702	166,024	71,708	165,298	89,758	27,742	124,027	147,726	10,598	95,546	80,512	57
15,992	154	1121	118	230	160	110	110	570	120	25	311	403	58
2,600,308	326,636	210,135	500,996	711,015	878,082	556,512	390,076	1,589,270	1,187,355	114,326	744,433	737,211	59
2,485,635	292,760	206,931	332,624	621,667	695,221	417,715	319,860	1,506,682	981,280	81,219	660,020	656,224	60
614	371	407	419	498	390	426	364	467	470	444	450	421	61
1,156,640	248,452	116,728	323,511	554,180	337,107	434,617	243,087	1,727,395	1,152,877	74,976	489,543	556,703	62
771,616	103,207	54,270	178,013	373,462	125,515	298,632	148,323	1,207,010	838,231	32,767	324,624	456,942	63
246,324	56,679	16,359	74,235	126,870	57,891	115,719	49,090	371,167	180,117	12,471	91,869	129,494	64
104,499	20,668	5,138	29,672	51,468	13,289	30,962	18,951	172,390	76,872	3,350	39,909	59,185	65
779,758	161,937	73,763	198,709	326,173	186,740	204,221	142,238	1,065,837	606,324	39,590	305,732	330,161	66
461,080	90,391	32,162	90,225	192,824	63,186	166,668	78,248	662,404	399,084	15,337	183,351	232,090	67
16,651	10,059	646	16,011	13,615	3,038	22,045	8,165	23,268	13,404	7,231	5,529	10,637	68
259	288	271	271	98	46	175	203	265	178	87	38	174	69
5,255	3,222	5,061	4,256	959	959	6,897	2,604	7,308	4,219	2,273	1,728	3,300	70
7,633	659	646	1,155	7,196	1,141	5,514	4,584	9,191	9,435	1,974	1,818	5,666	71
64,746	4,635	3,811	8,190	53,441	6,929	42,513	32,396	49,267	71,751	15,059	13,031	40,661	72
39,120	2,202	2,223	4,833	30,528	3,751	23,101	19,703	28,787	40,219	8,913	7,473	23,541	73

NOT ON FARMS OR RANGES, 1920—Continued.

368	438	1,624	277	271	317	269	240	431	451	96	468	252	1
499	331	1,367	315	323	325	360	261	561	606	272	780	258	2
12	2	15	4	3	4	6	4	10	7	1	17	13	3
1				1	1	1							4
202	239	2,761	241	243	655	225	351	281	404	176	240	266	5
194	168	1,964	148	189	340	175	224	184	259	99	200	186	6
2	23	37	89	45	2	17	86	34	1			88	7
	36	9			3		7	2	4			24	8
313	453	660	187	98	188	104	72	500	154	111	123	199	9

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES.

	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Oscoda.	Otsego.	Ottawa.
DOMESTIC ANIMALS: 1920.								
1 Farms reporting domestic animals..... number.....	3,865	2,233	1,253	778	2,222	274	518	4,068
2 Value of all domestic animals..... dollars.....	5,095,032	1,071,002	1,050,242	608,435	1,707,289	327,181	412,187	3,875,213
Horses:								
3 Total number.....	13,745	6,022	3,932	1,206	6,749	883	1,313	11,445
4 Colts under 1 year of age.....	235	175	183	35	226	33	47	237
5 Colts 1 year old and under 2 years.....	350	226	249	39	359	62	58	376
6 Mares 2 years old and over.....	6,113	2,799	1,917	452	3,274	426	575	4,998
7 Geldings 2 years old and over.....	7,007	2,801	1,564	676	2,860	360	629	5,813
8 Stallions 2 years old and over.....	40	21	19	4	30	2	4	21
9 Total value..... dollars.....	1,310,807	590,275	279,824	224,378	577,172	82,706	181,708	1,116,563
Mules:								
10 Total number.....	215	128	15	6	55	17	22	78
11 Mule colts under 1 year of age.....	3	6	1	1	3	1	1	1
12 Mule colts 1 year old and under 2 years.....	13	12	1	1	5	1	1	1
13 Mules 2 years old and over.....	199	110	14	6	47	17	22	77
14 Total value..... dollars.....	23,948	14,564	1,625	900	5,255	1,883	3,250	8,255
Asses and burros:								
15 Total number.....	6	11	1	1	1	1	1	1
16 Total value..... dollars.....	290	2,250	1	1	25	1	50	100
Cattle:								
17 Total number.....	37,463	15,025	12,180	5,825	18,531	2,879	4,101	34,228
18 Total value..... dollars.....	3,070,225	879,700	574,163	335,010	908,482	147,403	194,171	2,350,908
Beef cattle—								
19 Total number.....	7,897	2,699	3,463	248	3,861	599	965	1,794
20 Calves under 1 year of age.....	2,040	813	1,542	103	1,817	336	442	402
21 Heifers 1 year old and under 2 years.....	1,124	421	631	27	535	60	108	260
22 Cows and heifers 2 years old and over.....	1,487	672	309	34	328	65	85	525
23 Steers 1 year old and under 2 years.....	2,397	536	763	76	973	116	312	461
24 Steers 2 years old and over.....	651	183	178	5	185	26	33	106
25 Bulls 1 year old and over.....	189	74	40	3	23	6	8	40
26 Total value..... dollars.....	442,848	125,076	147,225	9,521	145,248	20,838	35,295	95,155
Dairy cattle—								
27 Total number.....	29,566	12,326	8,717	5,577	14,670	2,280	3,116	32,434
28 Calves under 1 year of age.....	4,736	2,915	2,118	1,452	3,606	648	800	5,756
29 Heifers 1 year old and under 2 years.....	3,392	1,711	1,139	1,044	1,798	342	463	4,533
30 Cows and heifers 2 years old and over.....	20,735	7,519	5,319	2,946	8,955	1,255	1,801	21,461
31 Bulls 1 year old and over.....	703	181	141	135	221	35	43	594
32 Total value..... dollars.....	2,627,877	764,624	426,938	325,498	763,234	126,565	158,876	2,261,813
Sheep:								
33 Total number.....	23,200	2,266	10,643	1,861	9,403	7,099	452	5,458
34 Lambs under 1 year of age.....	8,507	608	1,321	1,229	1,351	1,241	155	878
35 Ewes 1 year old and over.....	18,749	1,589	9,044	1,498	7,698	5,680	280	4,580
36 Rams 1 year old and over.....	562	66	270	96	328	167	8	172
37 Wethers 1 year old and over.....	1,391	3	8	38	26	2	6	25
38 Total value..... dollars.....	315,915	24,359	115,870	25,180	107,897	83,848	4,859	66,239
Goats:								
39 Total number.....	20	17	8	8	25	1	1	19
40 Total value..... dollars.....	98	135	60	188	188	1	1	100
Swine:								
41 Total number.....	20,442	7,913	4,523	1,038	6,259	660	1,591	15,858
42 Pigs under 6 months old.....	11,714	4,775	2,590	635	3,878	417	844	10,323
43 Sows and gilts for breeding, 6 months old and over.....	3,548	1,413	1,094	177	1,269	153	374	2,514
44 Boars for breeding, 6 months old and over.....	384	114	78	38	95	15	39	132
45 All other hogs, 6 months old and over.....	4,796	1,611	761	188	1,017	75	334	3,084
46 Total value..... dollars.....	373,749	160,619	78,700	22,958	108,270	11,341	28,080	326,898
POULTRY AND BEES: 1920.								
47 Chickens..... number.....	234,236	101,809	46,666	14,588	93,208	9,298	17,974	371,189
48 Other poultry..... number.....	7,954	1,791	967	139	2,162	273	727	4,763
49 Value of all poultry..... dollars.....	303,435	102,000	46,051	14,927	94,741	9,731	17,845	405,498
50 Bees..... number of hives.....	1,653	1,559	1,030	45	1,624	108	83	1,305
51 Total value..... dollars.....	8,870	8,025	6,031	409	11,800	1,810	751	6,482
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
52 Milk produced (as reported)..... gal. ons.....	9,726,552	3,031,557	2,830,266	1,435,597	3,376,129	547,452	779,493	9,451,276
53 Milk sold..... gallons.....	7,204,326	2,351,531	2,040,950	1,041,418	2,808,028	478,478	633,323	8,036,460
54 Cream sold..... gallons.....	34,163	43,347	21,990	20,807	87,251	4,341	16,475	116,537
55 Butter fat sold..... pounds.....	63,173	873,524	396,102	141,732	532,174	103,232	61,113	837,938
56 Butter made on farms..... pounds.....	723,903	252,848	189,628	175,730	336,027	50,180	95,822	556,880
57 Butter sold..... pounds.....	466,924	74,526	29,708	37,645	56,935	15,295	30,301	410,982
58 Cheese made on farms..... pounds.....	65	605	682	682	50	418	111	80
59 Value of dairy products..... dollars.....	2,618,693	618,670	334,568	218,924	647,133	92,886	104,300	2,202,082
60 Receipts from sale of dairy products..... dollars.....	2,474,408	524,378	256,148	144,055	504,943	74,538	71,686	2,118,335
61 Average production of milk per dairy cow..... gallons.....	510	442	526	490	423	461	440	478
Eggs and chickens:								
62 Eggs produced (as reported)..... dozens.....	1,084,467	561,271	213,707	95,774	445,874	50,873	87,997	2,215,104
63 Eggs sold..... dozens.....	633,582	348,936	122,147	27,811	265,885	24,185	37,049	1,825,065
64 Chickens raised (as reported)..... number.....	230,737	100,326	47,836	13,944	101,239	12,563	22,174	320,188
65 Chickens sold..... number.....	96,295	39,473	17,998	3,488	38,973	3,721	4,407	173,021
66 Value of chickens and eggs produced..... dollars.....	769,369	315,398	122,348	56,327	261,366	30,274	54,047	1,148,333
67 Receipts from sale of chickens and eggs..... dollars.....	408,659	175,896	62,070	15,765	138,636	12,543	18,526	860,294
Honey and wax:								
68 Honey produced..... pounds.....	21,025	25,211	16,952	100	24,060	5,785	2,515	20,151
69 Wax produced..... pounds.....	671	292	161	1	1	1	1	32
70 Value of honey and wax..... dollars.....	6,760	7,888	5,313	31	7,536	1,793	807	6,259
Wool:								
71 Sheep shorn..... number.....	19,340	2,424	9,105	1,875	7,298	5,664	222	4,648
72 Wool produced (as reported)..... pounds.....	158,260	16,941	63,005	13,898	55,243	35,941	1,427	36,260
73 Value..... dollars.....	94,832	9,735	37,440	8,454	30,648	22,646	782	20,099

1 Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

	Oakland.	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Oscoda.	Otsego.	Ottawa.
1 Inclosures reporting domestic animals.....	745	226	127	523	308	32	154	440
2 Horses, total number.....	1,135	315	135	913	302	41	381	566
3 Mules, total number.....	107	1	2	3	10	2	7	15
4 Asses and burros, total number.....	1	3	2	3	1	1	1	1
5 Cattle, total number.....	544	235	149	974	339	121	166	275
6 Dairy cows.....	406	148	111	592	255	37	114	204
7 Sheep, total number.....	81	1	56	7	48	65	32	14
8 Goats, total number.....	5	1	1	1	1	1	1	1
9 Swine, total number.....	311	110	48	415	83	37	188	172

AGRICULTURE—MICHIGAN.

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1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

Presque Isle.	Roscom- mon.	Saginaw.	St. Clair.	St. Joseph.	Sanilac.	School- craft.	Shiawassee.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.	
1,019 757,031	241 145,464	4,949 4,788,064	3,996 3,650,649	2,330 2,415,516	4,060 5,499,991	352 304,508	3,244 4,419,358	4,503 5,324,918	4,117 3,126,175	3,454 6,340,304	3,653 3,691,254	1,423 876,712	1
2,604 140 124 1,203 1,128 9 291,779	530 15 18 273 220 4 44,125	16,663 427 582 7,791 7,799 64 1,569,129	13,818 443 619 6,719 5,999 38 1,191,296	18,269 215 277 4,063 3,673 31 733,291	20,281 931 1,444 9,691 8,161 54 1,670,715	993 50 40 420 475 8 137,410	14,277 363 629 5,595 7,792 37 1,177,216	16,180 453 381 7,709 7,333 56 1,592,562	11,471 244 520 5,599 5,207 40 1,130,270	14,154 410 522 6,530 6,045 47 1,274,978	10,316 173 213 4,531 5,366 33 956,306	3,620 97 165 1,721 1,018 9 318,981	3
4 ----- 4 550	11 ----- 11 930	98 0 16 76 10,615	40 11 6 23 3,315	138 5 11 122 13,410	84 ----- 11 69 7,636	4 ----- 4 600	120 0 17 94 12,085	121 121 7 98 14,559	216 216 7 197 25,957	164 164 6 157 18,265	92 ----- 83 9,600	55 ----- 54 4,705	10 11 12 13 14
----- ----- ----- ----- ----- ----- -----	8 ----- ----- ----- ----- ----- -----	4 625 ----- ----- ----- ----- -----	1 150 ----- ----- ----- ----- -----	1 150 ----- ----- ----- ----- -----	4 80 ----- ----- ----- ----- -----	----- ----- ----- ----- ----- ----- -----	3 625 ----- ----- ----- ----- -----	1 100 ----- ----- ----- ----- -----	1 100 ----- ----- ----- ----- -----	3 275 ----- ----- ----- ----- -----	3 60 ----- ----- ----- ----- -----	3 200 ----- ----- ----- ----- -----	2 15 16 17 18
9,019 342,942	1,490 71,370	40,259 2,567,825	36,284 2,080,526	16,618 1,003,924	61,431 3,340,718	2,704 143,333	27,734 2,119,707	44,170 3,075,795	23,447 1,501,107	40,842 3,066,748	26,080 2,367,708	9,385 470,605	17
1,690 485 218 612 238 102 35 58,648	309 138 32 84 40 10 11,594	5,660 1,255 648 861 1,737 1,007 92 309,065	9,765 2,977 1,075 1,230 3,006 1,318 159 423,595	3,010 849 327 755 697 327 55 180,442	16,890 5,825 2,417 1,667 5,790 1,110 81 686,881	542 156 66 105 133 70 12 24,611	6,030 1,175 619 1,274 1,898 940 130 365,866	11,695 2,893 1,335 973 3,879 2,539 76 656,190	2,064 635 511 681 815 231 88 171,597	13,395 2,635 1,324 2,155 3,997 3,036 248 900,050	1,998 508 213 538 353 321 65 149,575	1,418 793 130 113 345 29 8 41,404	19 20 21 22 23 24 25 26
7,329 2,260 1,057 3,790 222 284,204	1,181 318 173 673 17 59,776	34,599 6,519 4,298 23,291 581 2,258,700	26,519 5,712 3,611 16,803 433 1,650,931	13,608 3,240 1,571 5,793 325 823,482	44,541 12,202 1,571 25,803 748 2,653,837	2,162 481 342 1,281 58 118,722	21,698 4,221 2,733 14,338 406 1,753,901	32,475 4,406 4,150 21,361 558 2,419,695	20,483 4,214 2,451 13,482 336 1,329,510	27,447 5,079 3,286 18,419 663 2,166,698	24,082 2,816 2,663 18,013 590 2,218,133	7,967 1,881 1,080 4,882 124 420,201	27 28 29 30 31 32
6,740 1,657 4,788 284 11 69,958	1,708 387 1,276 44 201 20,548	12,300 2,724 8,079 306 21 136,224	9,852 1,700 7,534 245 173 105,507	21,820 6,559 14,591 470 209 239,517	13,372 2,483 10,494 377 18 161,444	320 105 197 8 19 4,131	61,783 32,513 27,676 982 612 640,191	12,681 2,332 9,867 384 98 154,500	6,781 1,426 5,123 210 22 77,453	107,682 49,789 55,692 1,543 658 1,278,875	2,128 672 1,363 57 36 26,469	2,349 514 712 113 10 21,638	33 34 35 36 37 38
1 5	2 25	11 105	23 207	66 336	11 33	1 35	65 445	58 190	25 181	20 90	27 210	10 73	39 40
4,325 2,266 820 76 1,163 51,797	439 240 121 12 66 8,293	30,376 10,550 4,319 287 6,214 53,511	15,553 10,167 2,212 131 3,043 261,648	24,761 15,347 4,084 337 4,993 424,888	19,523 12,819 2,671 170 3,863 310,366	1,001 443 113 16 429 19,089	25,801 17,102 4,354 4,126 295 4,052 460,129	27,533 18,471 4,126 3,970 295 4,641 487,212	20,618 11,635 6,486 3,970 299 4,711 391,107	47,728 25,173 6,486 506 8,563 707,073	16,333 9,419 2,067 191 4,656 330,811	2,973 1,459 779 62 673 60,510	41 42 43 44 45 46
34,081 1,914 34,380 204 1,676	7,973 200 9,483 40 180	315,861 7,045 317,741 2,170 10,245	227,431 10,063 260,560 2,212 11,650	173,097 3,510 175,026 881 4,582	301,874 14,306 317,360 3,226 15,088	11,603 173 11,668 ----- -----	197,772 4,775 215,566 1,305 8,637	274,163 5,997 287,098 3,272 15,391	216,610 4,285 236,523 2,090 11,865	294,062 6,186 341,962 1,908 11,772	229,431 10,779 288,076 1,468 8,390	58,155 1,018 56,882 805 3,879	47 48 49 50 51
1,065,268 55,941 21,373 92,313 195,268 69,854	26,578 7,540 2,301 21,490 39,487 15,286	8,784,818 4,101,873 119,696 510,643 661,637 38,354	6,026,186 1,639,464 103,685 631,306 741,417 277,190	3,165,793 276,145 16,285 633,401 264,619 88,193	10,318,057 2,584,152 25,453 1,066,872 783,950 93,353	331,165 51,033 10,825 15,500 79,964 49,395	6,472,814 3,307,898 39,610 675,778 375,473 153,274	8,727,384 3,411,228 130,376 757,410 623,426 203,687	5,030,916 878,318 78,602 819,544 491,282 160,364	8,127,336 3,670,614 123,957 819,544 481,611 277,423	7,384,572 6,538,681 28,093 13,288 329,805 173,477	1,642,763 151,764 8,270 280,813 238,377 97,012	52 53 54 55 56 57
194,071 128,581 295	42,439 30,011 404	1,801,062 1,623,960 426	1,343,995 1,088,012 427	589,927 494,454 402	1,899,724 1,537,197 443	83,345 62,336 330	1,385,627 1,270,081 488	1,669,606 1,416,432 447	1,000,167 872,368 426	1,938,732 1,822,938 452	2,180,567 2,094,853 481	341,767 264,954 390	58 59 60
203,499 99,936 33,304 11,522 108,977 49,670	50,832 20,307 8,074 2,919 33,816 12,077	1,583,764 1,095,050 273,290 119,980 881,417 533,641	1,170,221 741,116 214,512 91,604 707,293 430,704	924,999 515,564 258,667 86,419 615,762 319,512	1,649,253 1,191,031 254,151 111,947 875,720 570,604	61,271 23,020 9,189 2,514 37,284 12,075	853,846 616,659 190,755 247,988 109,322 769,814	1,348,013 944,014 222,171 247,988 116,233 634,985	1,058,290 679,633 308,650 282,901 112,137 381,928	1,409,162 984,152 530,955 282,901 112,137 894,730	916,195 530,955 65,618 21,065 150,107 368,913	239,087 136,537 64,518 21,065 150,107 76,448	61 62 63 64 65 66 67
3,631 12 1,130	515 ----- 160	26,614 221 8,330	33,015 497 10,414	10,249 325 3,294	60,081 1,345 19,109	----- ----- -----	13,328 216 4,210	34,503 762 10,970	18,015 322 5,701	15,944 435 5,100	19,299 551 6,182	8,581 47 2,677	68 69 70
5,124 87,768 19,874	1,213 8,521 4,934	8,714 67,348 40,657	7,844 62,381 37,699	18,042 140,643 86,718	10,316 84,199 49,422	3,196 25,473 12,773	44,818 333,747 182,448	9,923 78,593 46,916	5,269 40,680 22,776	66,935 597,319 328,780	1,240 9,291 5,723	1,751 12,501 6,938	71 72 73

NOT ON FARMS OR RANGES: 1920—Continued.

234	54	894	785	495	624	207	627	616	566	465	2,782	328	1
380	78	1,251	985	590	672	390	704	754	746	815	8,772	494	2
-----	5	12	2	4	6	-----	13	14	26	14	56	10	3
-----	-----	-----	-----	-----	-----	-----	9	-----	-----	3	4	-----	4
208	89	562	602	424	605	780	462	566	434	260	901	273	5
139	60	456	483	295	449	139	353	406	362	182	724	210	6
71	-----	90	1	116	218	1	15	54	21	318	68	25	7
-----	-----	5	1	18	4	-----	12	4	6	2	42	2	8
177	47	334	367	577	367	293	275	330	195	240	947	134	9

		THE STATE.	Alcona.	Alger.	Allegan.	Alpena.	Antrim.	Arenac.	Baraga.
VALUE OF ALL CROPS.									
1	Total.....	dollars..	404,014,810	1,432,244	301,908	10,418,636	1,890,082	2,690,796	2,446,460
2	Cereals.....	dollars..	170,897,885	327,072	43,020	5,078,851	427,418	489,570	638,965
3	Other grains and seeds.....	dollars..	23,442,687	141,485	2,040	63,953	152,794	291,292	598,589
4	Hay and forage.....	dollars..	105,280,992	517,903	143,137	2,054,684	730,553	601,500	613,005
5	Vegetables.....	dollars..	65,096,550	300,460	108,138	1,210,605	502,619	1,069,445	270,657
6	Fruits.....	dollars..	26,129,793	59,061	4,470	1,381,081	70,930	220,530	10,412
7	All other crops.....	dollars..	13,169,903	85,733	203	28,562	308	12,450	302,232
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....	acres..	5,114,095	13,975	1,858	140,837	17,840	20,802	25,541
10	Corn.....	bushels..	120,383,085	267,296	38,436	3,309,288	360,132	334,471	503,448
11	Oats.....	acres..	1,269,155	671	3	40,723	600	6,516	4,899
12	Wheat.....	bushels..	45,088,912	21,808	56	1,377,200	24,886	197,818	201,180
13	Barley.....	acres..	1,514,808	6,547	1,045	33,148	0,133	4,783	12,125
14	Rye.....	bushels..	38,956,425	144,941	26,882	739,121	225,348	43,837	202,075
15	Buckwheat.....	acres..	1,056,687	2,104	403	37,317	4,316	1,881	1,959
16	Other grains and seeds:								
17	Dry edible beans.....	bushels..	20,411,825	30,519	4,804	813,810	52,614	21,074	24,427
18	Soy beans.....	acres..	296,515	1,096	266	2,770	2,137	206	1,718
19	Dry peas.....	bushels..	4,302,763	18,020	4,539	41,977	36,778	2,114	18,920
20	Other tame or cultivated grasses:								
21	Timothy alone.....	acres..	912,951	2,888	132	26,283	1,491	5,944	4,596
22	Timothy and clover mixed.....	bushels..	12,168,182	40,111	1,959	329,543	17,784	54,994	45,592
23	Clover alone.....	acres..	41,426	136	2	313	81	1,390	507
24	Alfalfa.....	bushels..	524,004	1,408	11	3,793	781	13,180	7,508
25	Other tame or cultivated grasses.....	acres..	314,878	614	.....	614	119	2,088	8,188
26	Wild, salt, or prairie grasses.....	bushels..	4,332,317	9,488	.....	4,508	967	21,150	137,335
27	Small grains cut for hay.....	acres..	6,257	2	.....	122	8	72	139
28	Annual legumes cut for hay.....	bushels..	78,515	22	.....	832	67	683	2,020
29	Silage crops.....	acres..	38,874	2,230	90	21	2,509	64	907
30	Hay and forage:								
31	Total.....	bushels..	454,639	25,465	980	200	32,930	353	10,764
32	All tame or cultivated grasses.....	acres..	3,644,952	17,655	4,769	92,764	25,530	25,031	19,509
33	Timothy alone.....	tons..	6,345,510	23,866	6,070	178,458	33,701	38,890	31,540
34	Timothy and clover mixed.....	acres..	2,760,862	15,809	4,279	57,834	24,025	18,509	17,189
35	Clover alone.....	tons..	3,063,392	18,309	5,342	67,980	20,728	16,522	20,702
36	Alfalfa.....	acres..	656,784	1,133	67	22,904	566	2,120	1,837
37	Other tame or cultivated grasses.....	tons..	718,012	1,277	74	27,480	687	1,416	1,085
38	Wild, salt, or prairie grasses.....	acres..	1,852,780	13,946	4,103	29,596	22,967	11,009	14,708
39	Small grains cut for hay.....	tons..	2,044,711	16,123	5,090	34,671	25,327	9,796	17,414
40	Annual legumes cut for hay.....	acres..	120,209	577	60	2,090	301	1,741	658
41	Silage crops.....	tons..	131,517	714	89	2,200	385	1,435	930
42	Corn cut for forage.....	acres..	74,059	27	3	983	141	2,210	351
43	Kafir, sorghum, etc., for forage.....	tons..	118,571	60	8	1,559	240	2,222	582
44	Root crops for forage.....	acres..	47,931	126	56	2,261	50	520	135
45	Vegetables:								
46	Potatoes (Irish or white).....	tons..	50,581	135	81	1,980	83	453	81
47	Other vegetables.....	acres..	49,856	230	196	980	100	75	108
48	Miscellaneous crops:								
49	Sugar beets grown for sugar.....	tons..	57,971	153	165	1,025	198	62	172
50	Maple trees tapped.....	acres..	59,454	319	209	1,910	154	1,250	305
51	Maple sugar made.....	tons..	44,389	494	177	1,824	160	601	278
52	Maple sirup made.....	acres..	6,554	58	.....	285	0	70	8
53	Small fruits:								
54	Total.....	tons..	6,260	55	.....	385	0	53	6
55	Apples.....	acres..	348,254	254	19	13,626	611	2,301	855
56	Peaches.....	tons..	2,551,806	2,190	130	87,207	5,180	15,100	8,354
57	Pears.....	acres..	418,031	823	.....	17,969	497	3,573	995
58	Cherries.....	tons..	566,932	1,897	.....	19,525	908	7,406	1,720
59	Grapes.....	acres..	87	.....	.....	.....	.....	.....	.....
60	Vegetables:								
61	Potatoes (Irish or white).....	acres..	11,892	162	56	160	128	51	52
62	Other vegetables.....	bushels..	54,673	772	256	512	449	300	304
63	Miscellaneous crops:								
64	Sugar beets grown for sugar.....	acres..	280,538	1,256	446	5,210	2,243	4,760	996
65	Maple trees tapped.....	acres..	23,929,560	110,561	37,694	350,439	215,135	474,081	103,743
66	Maple sugar made.....	acres..	50,955	28	13	1,598	61	641	62
67	Maple sirup made.....	acres..	106,450	.....	.....	310	.....	48	2,083
68	Small fruits:								
69	Total.....	tons..	1,025,550	.....	.....	2,031	.....	423	26,176
70	Apples.....	number..	858,881	600	250	30,462	1,110	10,333	1,225
71	Peaches.....	pounds..	77,178	.....	18	3,843	125	145	200
72	Pears.....	gallons..	206,795	163	70	8,800	115	2,183	240
73	FRUITS.								
74	Small fruits:								
75	Total.....	acres..	21,021	10	2	671	10	20	15
76	Strawberries.....	quarts..	23,946,801	4,690	537	713,415	23,582	13,089	13,953
77	Raspberries.....	acres..	8,048	6	1	287	14	11	11
78	Orchard fruits:								
79	Total.....	quarts..	12,585,543	1,886	339	429,206	20,077	7,031	9,823
80	Apples.....	acres..	9,786	3	1	114	4	7	4
81	Peaches.....	acres..	7,652,580	1,992	100	74,007	2,915	4,464	3,869
82	Pears.....	acres..	3,615,164	7,957	1,836	315,487	34,202	21,414	5,705
83	Cherries.....	acres..	10,112,005	24,735	2,564	869,747	34,567	135,552	20,717
84	Grapes.....	acres..	7,261,831	28,342	2,172	555,761	35,226	103,138	6,314
85	Apples.....	acres..	2,050,229	6,507	1,748	148,994	31,765	16,611	4,390
86	Peaches.....	acres..	5,615,905	22,187	2,475	224,316	30,065	102,731	17,055
87	Pears.....	acres..	5,843,271	20,585	2,150	397,107	33,141	91,217	5,272
88	Cherries.....	acres..	764,838	104	.....	72,226	62	327	89
89	Grapes.....	acres..	2,010,022	24	.....	226,101	73	1,184	13
90	Apples.....	acres..	448,177	2	.....	78,409	5	25	39
91	Peaches.....	acres..	302,734	253	0	50,324	817	388	326
92	Pears.....	acres..	1,029,735	516	10	145,890	682	2,612	782
93	Cherries.....	acres..	405,189	611	5	54,108	462	1,174	570
94	Grapes.....	acres..	142,657	627	56	13,138	566	398	354
95	Apples.....	acres..	377,123	828	26	20,575	1,093	1,284	919
96	Peaches.....	acres..	203,091	451	8	14,153	533	662	142
97	Pears.....	acres..	351,892	466	23	28,338	992	3,000	540
98	Cherries.....	acres..	1,070,748	1,209	53	45,343	1,754	27,741	1,348
99	Grapes.....	acres..	360,952	693	11	11,137	1,085	10,007	291
100	Apples.....	acres..	607,149	27	.....	3,590	29	83	131
101	Peaches.....	acres..	11,097,734	57	.....	94,276	83	3,171	702
102	Pears.....	acres..	115,871,465	350	.....	850,824	.....	20,435	8,430

AGRICULTURE—MICHIGAN.

29

AND PRODUCTION OF PRINCIPAL CROPS, 1919.

Barry.	Bay.	Benzle.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Cheboygan.	Chippewa.	Clare.	Clinton.	Crawford.
6,299,112	7,258,366	1,347,440	12,872,551	6,535,068	7,981,128	5,639,385	1,905,369	1,398,154	2,390,804	1,838,855	8,827,867	200,599
3,727,020	2,484,634	280,943	3,736,553	4,197,215	4,533,446	3,585,373	327,710	281,028	536,403	688,912	4,786,930	52,125
183,316	1,813,317	45,572	44,250	163,785	124,939	73,353	113,108	47,408	74,404	185,222	1,090,226	3,641
1,585,608	1,380,808	151,554	1,627,026	1,590,841	1,927,696	1,137,213	606,944	553,605	1,504,737	583,693	2,146,360	54,610
664,663	827,042	281,326	1,074,206	520,686	660,701	460,182	690,981	514,120	263,320	334,509	443,741	77,330
67,779	79,816	573,534	6,272,924	49,110	115,909	143,464	145,514	49,210	10,085	29,528	123,753	12,891
49,817	1,167,249	5,011	117,692	14,031	3,277	289,795	21,112	2,783	1,855	10,991	236,857	2
108,091	64,931	12,330	103,772	119,503	144,903	110,429	15,463	12,902	25,282	26,084	115,897	2,571
2,494,333	1,957,502	187,145	2,318,976	2,782,801	2,975,734	2,210,249	237,003	179,361	528,372	524,144	3,291,042	35,961
29,986	17,322	4,899	33,623	38,925	37,947	33,337	3,939	1,493	115	5,294	30,181	520
920,700	767,644	120,302	973,520	1,385,074	1,170,395	995,982	105,613	47,058	2,111	186,474	1,275,882	10,512
25,073	27,831	899	21,281	22,874	27,034	18,548	5,087	5,943	18,299	8,229	33,919	478
626,767	839,677	7,320	451,080	463,938	521,982	317,806	60,051	77,307	433,864	184,883	1,017,893	4,910
26,459	8,156	2,000	38,703	24,421	32,189	34,028	1,920	1,725	3,377	2,008	34,521	195
541,878	151,848	18,705	747,411	405,541	573,985	579,122	21,456	17,818	43,571	34,902	720,997	1,704
2,779	5,831	39	1,088	9,716	5,776	1,348	323	804	2,395	1,231	8,822	4
45,402	121,033	305	14,717	121,854	67,050	16,974	3,227	8,380	35,611	20,169	141,180	54
24,133	5,257	3,900	8,893	22,354	40,771	22,756	2,715	2,413	722	7,784	8,117	1,216
341,391	70,434	20,151	125,074	325,834	621,563	294,009	24,274	22,753	5,240	86,814	129,184	10,953
353	414	418	203	608	501	308	1,126	378	25	652	228	150
5,184	4,435	5,039	2,898	8,901	10,706	3,477	12,087	3,784	101	0,053	3,222	1,708
2,140	18,059	1,081	136	177	1,677	80	1,812	278	18	2,313	13,831	32
21,014	312,123	10,290	1,091	1,421	15,065	498	17,011	2,214	208	34,283	107,131	341
53	230	22	25	35	96	49	35	14	26	26	149	24
628	4,020	181	153	208	1,070	272	288	121	158	158	2,030	25
46	210	36	2	2	44	293	1,333	1,855	619	619	27	15
612	3,257	303	14	223	209	223	1,989	9,776	23,991	8,901	109	123
60,944	41,806	8,504	62,375	63,790	72,708	53,399	24,154	22,312	59,917	18,712	64,356	3,213
101,332	77,002	10,499	95,986	95,830	133,250	79,521	35,335	27,146	60,483	32,930	122,703	3,504
41,705	35,006	5,220	37,827	43,226	50,007	27,255	19,058	19,412	59,194	15,446	50,923	1,717
42,661	43,937	3,541	45,807	44,387	49,089	27,088	15,038	18,997	59,429	18,372	67,209	1,149
15,356	5,572	1,033	11,750	10,350	10,582	5,288	1,020	1,557	5,047	1,704	8,210	208
15,089	6,948	544	18,754	10,708	9,005	4,425	1,008	1,634	4,696	1,617	10,186	93
22,613	28,195	3,239	19,603	20,297	35,855	12,455	14,576	16,368	58,836	12,457	37,798	1,275
22,615	35,240	2,105	23,351	20,305	34,483	12,291	13,523	15,939	54,385	15,087	54,925	861
2,709	636	225	4,234	4,030	2,760	7,614	1,082	645	200	3,520	3,520	37
2,806	796	193	4,337	4,300	2,829	7,603	1,002	775	812	476	4,084	37
494	127	230	1,827	1,138	498	1,495	1,690	227	227	210	1,043	29
771	297	212	8,776	2,108	807	2,280	1,746	294	294	270	1,050	30
632	470	487	613	840	912	403	605	605	605	312	334	134
890	650	487	639	851	1,315	429	459	355	355	333	458	132
1,644	406	63	994	702	1,338	1,272	130	66	226	300	332	122
1,874	594	74	1,233	927	1,704	1,620	99	37	206	390	457	113
453	86	1,304	1,691	402	491	698	1,372	1,049	339	334	110	588
808	87	511	1,388	350	60	1,066	777	589	202	644	117	330
106	15	38	100	150	60	120	48	83	8	107	27	53
100	23	63	100	221	65	75	48	50	10	127	19	46
6,180	2,065	908	4,001	4,694	9,778	5,013	2,178	790	12	1,488	5,896	224
49,188	24,271	5,112	31,470	39,108	67,553	23,864	13,591	5,107	60	11,040	45,202	1,010
10,802	3,387	894	10,786	14,539	10,494	18,733	1,173	795	.....	881	6,982	458
12,622	6,834	1,017	14,613	13,756	14,563	17,820	2,150	1,596	.....	2,007	9,587	593
51	281	70	376	28	5	2	165	112	138	147	36	53
178	1,293	191	905	105	15	690	690	690	576	350	115	268
2,811	2,850	1,458	5,275	2,194	2,838	2,658	3,047	2,689	1,455	1,506	1,452	389
211,718	228,749	107,350	227,371	105,357	194,491	144,704	294,828	226,391	84,058	128,251	124,524	32,673
304	1,070	207	2,684	638	845	380	240	47	98	71	148	15
181	8,574	.....	278	.....	.....	.....	141	2	.....	105	1,978	.....
1,470	95,407	.....	3,702	.....	.....	.....	872	10	.....	606	17,352	.....
48,747	25	5,397	20,399	13,420	3,218	7,778	6,174	4,246	4,899	2,351	32,163	.....
10,010	20	50	4,254	38	194	220	20	108	105	.....	1,831	.....
10,338	.....	1,651	4,075	3,807	830	1,777	1,456	880	648	907	8,332	.....
130	126	205	8,120	116	232	180	65	80	5	18	120	7
142,648	94,019	165,924	10,951,153	83,764	213,401	164,319	02,735	12,188	3,556	9,601	120,564	2,333
62	78	37	2,683	51	136	118	27	22	4	9	33	5
94,449	63,208	24,676	5,250,981	51,735	165,400	119,843	29,664	10,404	3,077	3,007	81,962	1,139
85	86	122	4,208	44	70	49	29	27	.....	7	62	1
24,524	22,606	84,920	3,818,530	21,699	35,343	32,071	26,386	1,275	.....	4,086	35,551	694
21,366	22,600	110,668	601,342	14,373	39,250	34,074	18,181	40,241	4,093	13,905	17,588	7,031
91,796	89,199	274,131	1,546,038	40,431	85,040	69,071	99,021	58,271	5,558	27,985	80,181	16,554
23,322	19,806	234,742	508,677	11,268	20,102	18,260	62,091	22,378	4,710	13,007	44,739	6,108
12,787	17,139	73,166	220,403	6,775	23,456	17,877	15,156	39,001	4,392	10,928	11,032	6,895
73,773	73,108	108,960	227,883	22,794	57,085	45,000	80,180	51,980	5,431	22,227	62,573	15,992
19,463	12,685	178,679	337,343	6,097	18,980	13,433	55,060	20,499	4,096	11,237	38,079	5,918
4,082	14,475	45,752	295,315	4,370	8,663	12,905	100	14	.....	161	2,031	.....
5,640	813	45,752	772,721	4,511	7,824	12,212	200	5	.....	305	4,710	.....
452	813	8,646	41,605	120	1,167	1,175	32	32	.....	16	833	.....
861	2,022	3,670	103,891	777	2,432	1,333	604	388	.....	624	619	34
4,053	9,192	10,833	388,987	3,410	6,469	4,819	2,640	642	.....	883	3,073	180
4,705	6,157	7,131	51,501	2,278	4,656	2,643	1,108	231	.....	601	3,001	180
1,075	6,958	1,057	15,563	960	1,427	606	891	497	.....	86	1,526	51
3,037	2,912	5,403	28,954	2,340	3,340	1,180	2,479	1,874	.....	50	3,786	90
718	1,175	3,017	6,060	6,549	693	78	1,282	516	.....	7	1,511	22
1,711	1,706	18,420	25,910	1,459	3,270	1,353	1,430	341	.....	215	2,380	51
5,293	3,872	103,453	60,398	7,384	10,913	5,860	14,422	3,770	.....	77	2,535	322
984	1,274	36,399	22,297	1,313	3,595	1,931	4,009	1,131	.....	7	528	48
2,318	4,779	135	250,587	810	2,548	8,158	22	28	.....	5	1,126	24
8,263	47,653	3,227	4,319,218	7,280	21,926	200,752	2,380	.....	.....	.....	7,677	.....
115,388	364,110	18,210	59,671,547	148,322	192,138	1,437,436	8,123	1,046	.....	5,815	118,014	.....

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		Delta.	Dickinson.	Eaton.	Emmet.	Genesee.	Gladwin.	Gogebic.	Grand Traverse.	
VALUE OF ALL CROPS.										
1	Total.....	dollars.	1,558,222	595,403	8,781,018	1,568,879	8,839,342	2,334,604	460,806	4,079,921
2	Cereals.....	dollars.	217,084	91,309	4,827,016	803,695	4,252,348	811,936	32,618	770,676
3	Other grains and seeds.....	dollars.	57,042	3,364	605,419	49,193	508,886	349,173	30	81,244
4	Hay and forage.....	dollars.	763,159	307,356	2,436,585	472,907	2,703,455	727,679	273,682	508,446
5	Vegetables.....	dollars.	520,233	183,884	528,822	630,508	720,243	328,339	157,534	1,873,343
6	Fruits.....	dollars.	57,023	9,042	111,409	80,770	111,421	19,406	2,989	810,064
7	All other crops.....	dollars.	13,071	448	211,107	5,936	535,989	98,071	7	6,148
SELECTED CROPS (acres harvested and production).										
8	Cereals:									
9	Total.....	acres.	12,518	3,599	113,105	15,646	116,369	26,752	1,192	33,814
10	Corn.....	bushels.	241,497	88,400	3,251,027	217,759	2,939,139	630,281	27,569	508,013
11	Oats.....	bushels.	118	37	30,118	3,117	22,988	5,213	5	10,958
12	Wheat.....	bushels.	2,018	757	1,374,782	80,109	946,423	241,349	81	285,488
13	Barley.....	bushels.	5,667	2,376	29,597	4,009	39,037	9,801	650	4,976
14	Rye.....	bushels.	193,666	69,713	812,965	57,113	1,009,771	239,856	19,064	42,297
15	Buckwheat.....	bushels.	1,837	633	29,332	2,196	31,250	2,310	456	4,150
16	Other grains and seeds:									
17	Dry edible beans.....	acres.	15,788	7,131	674,242	20,709	608,535	28,804	5,950	49,188
18	Soy beans.....	bushels.	1,217	392	8,857	644	10,777	2,276	47	168
19	Dry peas.....	bushels.	17,758	8,100	134,659	4,695	150,222	34,933	1,082	1,331
20	Buckwheat.....	bushels.	5,055	1,384	248,462	3,785	11,110	6,542	24	12,235
21	Other grains and seeds:									
22	Dry edible beans.....	acres.	137	52	246	705	157,507	88,141	455	117,817
23	Soy beans.....	bushels.	1,640	808	4,330	7,753	11,089	3,071	27	8,280
24	Dry peas.....	bushels.	70	2	9,425	713	8,126	3,497		1,277
25	Other grains and seeds:									
26	Dry edible beans.....	acres.	725	20	114,583	6,183	107,513	57,685		11,595
27	Soy beans.....	bushels.			84	11	44			10
28	Dry peas.....	bushels.			126		501			111
29	Other grains and seeds:									
30	Dry edible beans.....	acres.	1,704	73	66	436	38	2,203		76
31	Soy beans.....	bushels.	17,379	1,076	661	2,426	489	29,855		440
32	Hay and forage:									
33	Total.....	acres.	26,046	8,321	73,308	20,513	85,983	23,324	7,144	27,020
34	All tame or cultivated grasses.....	tons.	34,904	14,351	147,041	27,101	100,696	44,617	11,870	35,122
35	Timothy alone.....	acres.	24,301	7,165	55,833	16,364	71,517	19,842	6,943	18,148
36	Timothy and clover mixed.....	acres.	27,756	10,756	72,136	14,284	81,296	21,596	10,409	11,799
37	Clover alone.....	acres.	2,067	1,301	15,476	2,123	22,208	2,281	354	2,782
38	Alfalfa.....	acres.	2,920	1,819	20,045	1,023	24,650	2,502	518	1,334
39	Other tame or cultivated grasses.....	acres.	20,883	5,476	35,580	12,484	44,767	15,321	6,485	12,187
40	Wild, salt, or prairie grasses.....	acres.	24,317	8,327	45,250	11,040	50,324	17,139	9,732	7,726
41	Small grains cut for hay.....	acres.	382	289	3,469	807	2,829	1,116	71	849
42	Annual legumes cut for hay.....	acres.	439	467	4,419	715	3,452	1,207	125	547
43	Silage crops.....	acres.	19	9	746	423	1,393	68		1,031
44	Root crops for forage.....	acres.	24	20	1,448	465	2,548	129		1,646
45	Other tame or cultivated grasses.....	acres.	50	90	562	527	260	556	33	609
46	Wild, salt, or prairie grasses.....	acres.	56	123	965	441	322	579	34	546
47	Small grains cut for hay.....	acres.	31	228	146	91	104	284	25	532
48	Annual legumes cut for hay.....	acres.	46	203	173	152	107	452	20	218
49	Silage crops.....	acres.	463	385	214	1,371	237	253	55	1,925
50	Root crops for forage.....	acres.	426	390	259	580	230	333	91	713
51	Other tame or cultivated grasses.....	acres.	41	8	51	123	45	49	3	73
52	Wild, salt, or prairie grasses.....	acres.	43	4	112	107	45	96	5	50
53	Small grains cut for hay.....	acres.	523	241	7,679	1,523	8,321	2,275	78	2,029
54	Annual legumes cut for hay.....	acres.	5,012	2,046	60,678	9,518	67,122	19,705	1,142	10,348
55	Silage crops.....	acres.	475	131	9,942	917	5,595	1,030	29	4,137
56	Root crops for forage.....	acres.	663	218	13,417	1,914	11,285	1,864	54	4,890
57	Other tame or cultivated grasses.....	acres.	2							
58	Wild, salt, or prairie grasses.....	acres.	3							
59	Small grains cut for hay.....	acres.	207	163	33	119	174	91	11	170
60	Annual legumes cut for hay.....	acres.	955	734	266	537	421	511	140	1,068
61	Silage crops.....	acres.								
62	Root crops for forage.....	acres.								
63	Other tame or cultivated grasses.....	acres.								
64	Wild, salt, or prairie grasses.....	acres.								
65	Small grains cut for hay.....	acres.								
66	Annual legumes cut for hay.....	acres.								
67	Silage crops.....	acres.								
68	Root crops for forage.....	acres.								
69	Other tame or cultivated grasses.....	acres.								
70	Wild, salt, or prairie grasses.....	acres.								
71	Small grains cut for hay.....	acres.								
72	Annual legumes cut for hay.....	acres.								
73	Silage crops.....	acres.								
74	Root crops for forage.....	acres.								
75	Other tame or cultivated grasses.....	acres.								
76	Wild, salt, or prairie grasses.....	acres.								
77	Small grains cut for hay.....	acres.								
78	Annual legumes cut for hay.....	acres.								
79	Silage crops.....	acres.								
80	Root crops for forage.....	acres.								
81	Other tame or cultivated grasses.....	acres.								
82	Wild, salt, or prairie grasses.....	acres.								
83	Small grains cut for hay.....	acres.								
84	Annual legumes cut for hay.....	acres.								
85	Silage crops.....	acres.								
86	Root crops for forage.....	acres.								
87	Other tame or cultivated grasses.....	acres.								
88	Wild, salt, or prairie grasses.....	acres.								
89	Small grains cut for hay.....	acres.								
90	Annual legumes cut for hay.....	acres.								
91	Silage crops.....	acres.								
92	Root crops for forage.....	acres.								
93	Other tame or cultivated grasses.....	acres.								
94	Wild, salt, or prairie grasses.....	acres.								
95	Small grains cut for hay.....	acres.								
96	Annual legumes cut for hay.....	acres.								
97	Silage crops.....	acres.								
98	Root crops for forage.....	acres.								
99	Other tame or cultivated grasses.....	acres.								
100	Wild, salt, or prairie grasses.....	acres.								

AGRICULTURE—MICHIGAN.

AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

31

Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	
9,573,982 4,251,033 1,591,629 2,021,631 351,993 90,009 1,267,687	7,405,458 4,742,407 35,070 2,077,984 422,864 81,132 45,941	2,076,806 286,350 8,251 1,082,394 699,842 19,960	12,160,028 4,061,012 2,326,800 3,391,638 976,092 132,668 1,277,758	7,700,192 4,197,423 407,981 2,213,339 646,666 136,241 98,942	8,073,027 4,428,015 487,625 2,094,603 798,128 200,057 87,599	1,406,313 813,945 136,464 529,542 369,353 34,604 22,405	683,674 77,823 3,205 382,622 207,718 10,358 1,858	7,573,041 2,888,376 1,283,165 1,603,648 1,148,630 241,547 425,675	7,048,981 4,204,237 148,162 1,997,823 1,227,673 351,286 550	6,529,680 3,436,506 40,321 1,417,246 1,227,673 389,890 18,053	1,502,756 338,687 12,735 188,052 917,194 44,204 1,791	11,126,072 4,443,293 576,314 2,513,916 2,525,915 1,040,235 26,399	1 2 3 4 5 6 7
105,276 3,086,701 29,562 1,123,018 33,152 1,114,772 24,298 514,537 11,282 234,118 6,267 86,244 580 5,670	133,507 3,207,702 30,850 1,414,137 29,030 685,300 26,758 542,005 11,698 155,781 24,311 397,843 409 4,282	10,524 255,859 112 3,770 6,375 193,242 2,786 40,433 586 10,528 401 5,055 149 1,599	133,006 3,195,098 14,438 730,010 57,733 1,471,041 22,340 383,851 21,541 373,468 15,024 195,376 854 13,346	105,511 3,053,822 28,682 1,230,310 20,935 882,595 13,548 298,166 8,902 159,497 22,078 367,125 763 11,621	121,300 2,861,903 26,789 853,688 28,340 721,128 37,544 836,548 6,681 101,124 21,574 343,693 356 4,334	15,671 257,220 1,921 61,207 6,788 116,475 1,011 10,099 1,691 19,585 3,526 40,515 406 4,140	2,959 65,656 11 20,038 236 1,396 43,270 974 11,344 330 6,977 216 2,683 5 66	87,157 2,103,705 2,014,398 3,38,668 1,334,539 26,702 641,577 17,040 230,485 8,031 138,206 15,296 208,491 864 9,518	132,963 2,014,398 3,38,668 1,334,539 26,702 641,577 17,040 230,485 8,031 138,206 15,296 208,491 864 9,518	112,532 2,153,725 30,234 800,099 22,256 354,182 30,938 597,282 2,544 35,488 25,790 345,690 465 5,248	15,585 224,141 4,710 121,741 1,364 1,144 1,252 12,560 18 130 7,117 65,716 925 10,110	136,128 2,953,312 32,184 908,148 36,415 797,524 32,443 723,835 3,594 53,135 30,731 454,053 540 6,481	8 9 10 11 12 13 14 15 16 17 18 19 20 21
21,055 312,192 76 913 48 547	205 1,561 19 180 8 53	9 95 110 1,687	27,010 431,753 395 8,279 5,273 71,727	6,491 76,366 118 2,178 49 393	8,528 98,459 118 1,360 43 445	1,379 17,881 45 606 644 6,552	4 4 4 76 1,083	17,922 270,492 192 1,973 512 7,062	1,919 19,630 71 508 438 5,401	211 984 62 392 9 47	233 2,143 15 80 14 77	14,011 138,065 278 2,347 153 1,893	22 23 24 25 26 27
58,233 115,035 47,827 63,398 5,551 7,177 38,705 50,710 2,208 3,856 666 1,806 697 849	77,276 127,493 61,355 56,748 26,823 20,564 17,415 17,908 2,112 3,571 3,994 5,615 1,411 1,430	34,577 43,733 33,379 41,157 4,392 6,143 27,880 33,427 153 215 104 96 844 1,276	100,379 199,528 48,528 104,391 6,455 23,650 80,472 93,014 1,927 2,484 222 397 490 681	65,696 139,336 48,528 61,334 19,141 23,650 25,434 32,396 1,744 2,172 1,061 1,890 1,148 1,211	61,089 142,325 44,023 54,876 13,400 28,231 20,588 32,285 2,700 2,973 588 585 386 492	17,912 28,927 15,634 17,314 947 1,048 13,918 15,173 443 525 52 91 274 477	9,102 16,369 8,601 14,253 477 732 7,809 12,065 265 473 23 35 27 48	53,606 93,927 44,306 49,207 7,991 8,812 32,475 36,084 2,838 2,805 620 928 373 578	81,264 142,455 46,666 43,714 15,526 13,928 24,804 22,159 2,710 2,504 2,224 3,611 1,393 1,512	64,338 91,249 40,174 38,152 9,003 8,857 23,670 22,308 4,545 946 1,361 1,124 1,081	11,107 15,658 5,069 3,442 1,478 687 1,459 791 342 197 387 307 1,003 1,000	84,469 159,181 63,520 69,711 35,878 39,507 24,616 20,633 1,890 1,783 699 1,052 747 736	28 29 30 31 32 33 34 35 36 37 38 39 40 41
232 467 192 159 30 5,148 43,274 4,578 7,670	1,064 1,913 1,747 1,250 110 7,639 51,129 15,344 16,255	535 610 426 562 23 36 105 923 24 40	85 416 2,611 3,290 352,434 190	65 214 188,622 617	45 131 280,069 390	175 580 1,627 151,025 57	336 1,212 541 74,555 41	86 448 4,847 474,954 337	60 201 3,800 251,011 2,686	17 41 4,009 290,591 1,690	46 145 4,362 414,551 170	686 898 934 698 587 12,434 75,447 6,004 10,497 41 73 205 1,785	42 43 44 45 46 47 48 49 50 51 52 53 54 55
1,396 91,099 193	1,795 106,320 239	2,641 290,084 133	3,290 352,434 190	2,198 188,622 617	3,213 280,069 390	1,627 151,025 57	541 74,555 41	4,847 474,954 337	3,800 251,011 2,686	4,009 290,591 1,690	4,362 414,551 170	11,712 944,683 712 56	56 57 58
12,053 108,367 24,574 70 6,033	65,302 3,748 14,773	111,085 414 100	14,121 111,085 414	790 6,599 34,346 1,622 7,902	315 2,043 48,699 6,220 11,927	243 1,924 341 2 93	3,254 95 651	3,550 35,702 10,206 100 2,784	10 128 5,355 10 116	10 128 5,355 10 116	2,251 6 640	47 390 26,701 5,317 7,124	59 60 61 62 63
130 94,921 86 57,421 36 27,063	114 79,021 40 53,002 60 10,467	34 18,752 28 15,162 5 2,850	107 81,638 48 38,223 52 38,955	127 140,632 70 85,906 45 38,194	152 109,252 66 60,393 82 39,601	25 12,792 13 8,009 10 3,622	1 1,067 1 714 185	04 57,943 36 41,917 24 13,707	299 102,340 150 130,895 117 39,798	251 241,843 142 171,230 70 36,021	12 6,083 8 4,968 1 462	667 643,960 275 313,760 294 211,537	64 65 66 67 68 69
85,904 32,485 7,225 74,269 28,062 336 3,451 287 773 2,929 2,202 908 3,364 1,442 1,190 4,961 492	26,978 81,902 28,118 14,682 53,428 23,810 7,073 9,872 527 1,250 4,807 2,182 1,390 4,730 755 2,581 8,967 837	12,397 11,317 8,076 11,498 9,914 7,702	17,163 157,592 45,570 12,523 135,765 35,369 1,405 1,417 113 834 8,060 6,433 1,116 4,406 1,269 1,285 7,875 2,386	21,123 91,873 62,936 51,049 12,235 72,513 45,485 2,711 4,426 993 970 6,693 3,276 2,468 2,728 694 1,739 5,477 601	29,530 62,936 84,819 22,794 43,722 77,467 2,603 2,909 613 631 3,734 1,304 3,003 2,167 1,698 4,905 1,108	5,020 17,786 15,829 4,165 17,954 15,124 95 176 49 190 493 331 189 508 142 379 653 183	3,778 5,460 5,067 3,637 5,365 5,046	17,159 84,461 112,688 11,980 72,816 107,771 711 712 59 924 2,935 2,379 1,169 3,366 1,085 2,366 4,629 1,373	41,820 137,570 164,693 21,347 43,330 153,730 15,364 15,364 2,069 1,188 8,429 6,091 1,164 4,453 913 2,757 9,823 1,890	59,103 79,370 41,397 34,281 43,330 28,304 10,562 10,850 2,256 2,443 10,921 5,531 2,226 3,102 1,049 3,545 10,563 4,135	10,720 28,850 20,871 8,156 23,879 10,153 14 165 2,443 470 169 272 768 381 1,974 2,888 652	152,948 344,554 389,517 86,582 184,533 287,728 27,957 56,378 15,309 25,024 12,478 40,375 44,805 10,621 28,552 8,913	70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
1,109 8,093 87,532	1,532 7,655 144,448	1,773 92,575 386,279	1,773 92,575 386,279	4,086 8,025 90,942	482 8,025 90,942	12 40	2 38,421	1,102 3,191 38,421	2,019 14,727 179,657	44,847 689,002 5,028,601	86 308 3,294	12,626 209,741 1,631,780	88 89 90

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		Keweenaw.	Lake.	Lapeer.	Leelanau.	Lenawee.	Livingston.	Luce.	Mackinac.
VALUE OF ALL CROPS.									
1	Total.....dollars..	58,378	979,459	8,385,548	3,308,037	12,385,131	6,122,397	240,542	433,454
2	Cereals.....dollars..	5,009	293,598	3,548,376	725,911	7,865,341	3,241,452	31,905	81,936
3	Other grains and seeds.....dollars..		20,737	323,586	82,510	94,024	344,892	2,346	17,261
4	Hay and forage.....dollars..	35,920	223,771	2,526,465	504,317	3,431,901	1,961,106	96,287	204,535
5	Vegetables.....dollars..	18,879	336,713	1,075,089	1,533,977	622,060	479,462	100,628	119,741
6	Fruits.....dollars..	1,270	40,693	100,424	395,394	132,837	85,806	9,214	7,829
7	All other crops.....dollars..		1,941	200,008	5,928	238,968	9,679	162	2,152
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....acres..	254	11,337	115,928	27,067	176,173	95,217	2,437	4,914
10	Corn.....bushels..	4,534	194,961	2,525,978	508,561	5,306,650	2,355,230	27,566	73,617
11	Oats.....bushels..	6	125,202	789,383	201,594	2,573,219	964,741	180	610
12	Wheat.....bushels..	118	2,044	38,660	8,641	42,961	25,386	1,397	3,262
13	Barley.....bushels..	2,734	15,364	833,320	118,962	1,291,917	683,445	17,863	53,418
14	Rye.....bushels..	71	1,086	24,376	4,000	46,118	12,265	417	827
15	Buckwheat.....bushels..	926	15,104	446,844	53,985	1,051,200	220,293	3,292	9,468
16	Other grains and seeds.....bushels..	50	31	13,040	81	14,566	4,987	173	470
17	Dry edible beans.....bushels..	682	244	189,383	672	218,027	70,573	1,856	5,969
18	Soy beans.....bushels..	15	3,892	17,687	5,740	9,763	28,261	431	187
19	Dry peas.....bushels..	181	37,444	251,559	58,273	162,044	400,052	4,200	1,668
20	Other grains and seeds.....bushels..	5	1,299	9,306	1,121	400	795	10	27
21	Hay and forage.....bushels..				13,737	7,159	12,033	175	474
22	Dry edible beans.....bushels..		319	2,991	867	43	5,060	2	9
23	Soy beans.....bushels..		4,386	39,794	8,853	331	60,600	30	52
24	Dry peas.....bushels..		24	121	107	39	8		
25	Other grains and seeds.....bushels..		208	1,431	1,004	580	97		
26	Hay and forage.....bushels..		56	204	1,338	10	70	77	580
27	Other tame or cultivated grasses.....bushels..		437	2,248	12,653	39	776	742	5,678
28	Hay and forage:								
29	Total.....acres..	1,340	10,879	81,990	23,384	93,778	60,503	4,294	9,139
30	All tame or cultivated grasses.....acres..	1,478	15,718	146,216	33,483	205,596	131,409	4,223	8,398
31	Timothy alone.....acres..	1,181	5,896	70,252	16,287	67,837	45,573	3,887	8,841
32	Timothy and clover mixed.....acres..	1,366	4,342	78,994	12,029	95,416	51,993	3,445	7,859
33	Clover alone.....acres..	20	1,538	10,659	1,018	26,825	16,534	103	908
34	Alfalfa.....acres..	28	1,018	13,072	701	35,267	16,504	135	711
35	Other tame or cultivated grasses.....acres..	1,148	3,523	55,350	13,076	21,065	26,871	2,709	7,785
36	Wild, salt, or prairie grasses.....acres..	1,318	2,543	60,472	8,414	27,315	30,965	3,265	7,022
37	Small grains cut for hay.....acres..		489	2,414	670	5,235	1,630	10	66
38	Annual legumes cut for hay.....acres..		391	2,488	542	6,379	1,902	10	77
39	Silage crops.....acres..		83	1,436	1,017	13,437	991	35	4
40	Corn cut for forage.....acres..		101	2,435	2,109	24,676	1,777	35	4
41	Kafir, sorghum, etc., for forage.....acres..		15	263	393	456	1,295	547	78
42	Root crops for forage.....acres..		20	289	527	263	1,779	755	45
43	Wild, salt, or prairie grasses.....acres..	149	481	114	237	409	2,344	16	8
44	Small grains cut for hay.....acres..	71	488	131	127	779	2,960	8	12
45	Annual legumes cut for hay.....acres..	2	824	180	421	1,081	227	153	198
46	Silage crops.....acres..	5	954	157	604	408	238	80	140
47	Corn cut for forage.....acres..		46	57	131	244	90	9	5
48	Kafir, sorghum, etc., for forage.....acres..		15	44	80	333	116	7	3
49	Root crops for forage.....acres..		701	7,077	2,040	12,698	8,452	19	5
50	Corn cut for forage.....acres..		5,466	59,717	14,338	84,268	68,775	110	48
51	Kafir, sorghum, etc., for forage.....acres..		2,462	4,193	3,638	11,260	3,787	89	24
52	Root crops for forage.....acres..		3,270	6,680	4,121	24,005	7,280	105	17
53	Vegetables:								
54	Potatoes (Irish or white).....acres..	8	469	117	674	169	30	161	60
55	Other vegetables.....acres..	30	1,177	493	2,184	387	68	473	317
56	Miscellaneous crops:								
57	Sugar beets grown for sugar.....acres..	50	1,833	7,294	6,618	1,936	2,164	372	621
58	Maple trees tapped.....bushels..	5,853	171,543	717,707	721,985	120,389	160,519	35,804	46,806
59	Maple sugar made.....bushels..	1	83	151	143	804	148	40	49
60	Maple sirup made.....gallons..								
61	Sugar beets grown for sugar.....acres..		10	1,994		2,075	96		
62	Maple trees tapped.....bushels..		42	16,533		19,209	719		
63	Maple sugar made.....bushels..		1,414	25,095	8,795	29,797	1,915	465	3,487
64	Maple sirup made.....gallons..		153	1,290	167	3,729			26
65	FRUITS.								
66	Total.....acres..	1	19	103	59	153	90	10	7
67	Strawberries.....acres..	770	8,899	63,770	37,843	157,855	94,953	3,505	4,474
68	Raspberries.....acres..	770	5,080	22,450	16,077	106,084	50,096	2,563	4,274
69	Orchard fruits.....acres..		3	56	26	55	40	4	
70	Total.....acres..		2,070	34,021	17,009	40,790	30,300	620	200
71	Apples.....trees not of bearing age..	371	5,418	26,159	110,584	35,836	20,003	2,871	4,100
72	Apples.....bushels harvested..	567	16,723	172,686	264,844	159,854	91,703	6,258	6,559
73	Peaches.....trees not of bearing age..	318	4,544	38,641	181,020	40,663	30,187	4,181	3,460
74	Peaches.....bushels harvested..	526	15,268	140,429	70,402	16,504	12,431	2,298	3,536
75	Pears.....trees not of bearing age..	544	18,805	28,758	145,796	94,361	71,069	5,200	6,262
76	Pears.....bushels harvested..		84	117,878	11,108	28,527	22,801	4,061	3,399
77	Cherries.....trees not of bearing age..		143	2,618	13,077	4,877			7
78	Cherries.....bushels harvested..		28	8,674	13,559	21,016	8,707		12
79	Plums and prunes.....trees not of bearing age..		190	1,842	651	962	2,510		1
80	Plums and prunes.....bushels harvested..		492	6,993	5,067	1,332		2	
81	Cherries.....trees not of bearing age..		125	6,449	8,184	17,680	4,170	37	
82	Cherries.....bushels harvested..		204	763	3,467	6,501	4,032	15	
83	Plums and prunes.....trees not of bearing age..		36	340	1,277	1,207	1,057	74	106
84	Plums and prunes.....bushels harvested..		109	5,422	3,420	6,465	3,263	46	51
85	Grapes.....trees not of bearing age..		36	1,147	2,175	804	517	2	3
86	Grapes.....bushels harvested..		35	570	22,730	3,116	944	497	391
87	Grapes.....vines not of bearing age..		12	131	83,865	20,324	4,494	975	235
88	Grapes.....pounds harvested..			445	37,449	3,863	247	113	57
89	Grapes								
90	Total.....acres..		358	8,613	770	2,145	574		
	vines not of bearing age.....acres..		1,137	6,166	9,262	31,039	7,012		
	pounds harvested.....pounds..		5,565	123,063	47,635	251,168	69,770		

AGRICULTURE—MICHIGAN.

33

AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

Macomb.	Manistee.	Marquette.	Mason.	Mecosta.	Menominee.	Midland.	Missaukee.	Monroe.	Montcalm.	Montmorency.	Muskegon.	Newaygo.	
6,860,415 8,360,351 86,819 2,084,874 1,089,121 187,686 62,114	2,820,791 688,185 70,209 410,005 875,131 514,175 7,025	920,212 94,217 4,018 424,505 371,082 24,750 790	4,246,006 1,073,705 104,828 888,519 950,831 1,270,228 7,900	5,178,185 1,552,518 257,078 964,624 2,152,757 244,855 6,404	2,783,935 480,982 80,094 1,222,248 832,611 93,057 71,948	4,041,954 1,385,499 1,010,664 459,432 430,662 20,555 275,442	2,241,367 529,396 47,720 416,539 1,182,487 32,215 33,070	9,493,654 6,161,876 60,190 2,245,080 640,212 179,145 206,251	9,539,095 3,310,485 758,763 1,427,006 3,788,785 232,983 21,123	598,919 120,785 92,982 109,411 169,959 15,356 426	3,085,197 668,459 123,193 868,035 612,948 518,554 3,688	4,000,382 1,739,636 299,070 1,008,180 1,010,515 540,240 11,791	1 2 3 4 5 6 7
96,595 2,375,109 22,029 743,317 33,392 627,642 28,425 539,373 3,813 50,598 7,075 94,060 922 12,053	28,438 421,157 8,935 227,000 3,389 36,951 3,557 41,790 230 2,225 11,067 106,896 407 4,518	4,188 90,188 12 199 3,075 81,091 483 4,991 406 7,322 183 2,058 21 271	38,921 990,259 8,433 221,713 11,391 181,032 11,134 200,214 5,074 6,888 83,888 209 1,448	62,661 1,115,528 17,047 538,314 17,209 251,646 4,102 00,250 1,080 11,350 21,481 237,202 636 7,064	20,776 447,221 536 18,356 12,725 324,858 3,591 37,053 43,183 1,402 20,084 138 1,658	35,644 1,079,160 11,173 479,949 16,325 448,574 1,578 31,378 91,473 1,771 22,823 322 3,323	26,035 368,007 5,299 161,835 7,162 62,761 1,833 26,528 5,871 112,926 10,639 108,128 311 3,416	140,155 4,173,329 48,014 2,049,028 36,711 1,061,947 40,152 819,516 6,182 112,926 5,943 72,138 3,083 56,204	114,810 2,304,957 20,151 739,138 29,248 582,648 15,549 321,526 2,705 37,701 40,236 612,836 693 6,234	5,705 91,854 385 15,261 2,387 46,245 1,189 13,210 579 8,819 994 9,407 121 1,418	32,349 655,025 10,269 316,512 9,537 148,754 5,676 112,944 348 3,625 6,201 67,418 133 2,787	63,310 1,187,293 18,030 549,668 16,553 262,322 9,348 168,564 599 6,715 18,530 199,305 643 4,320	8 9 10 11 12 13 14 15 16 17 18 19 20
1,157 14,791 119 1,474 18 198	1,902 17,716 77 484 19 180	1 13 ----- ----- 109 1,240	2,060 22,293 15 154 100 1,012	5,502 57,382 127 1,002 133 1,198	91 910 6 62 1,347 10,240	14,234 235,762 121 1,656 233 2,077	618 7,115 41 347 302 2,853	100 701 2 25 ----- -----	15,694 166,074 187 2,086 90 1,007	77 834 2 21 1,053 1,518	1,908 22,065 24 272 982 10,737	6,414 70,256 98 1,085 91 741	22 23 24 25 26 27
65,891 143,740 60,008 54,866 11,954 13,114 35,960 39,319 1,193 1,416 272 406 689 611	21,489 27,738 12,841 9,215 3,285 2,070 8,068 5,775 477 399 402 434 609 537	15,066 17,810 13,855 16,070 8,733 1,129 12,734 14,619 135 225 36 30 77 76	30,235 45,770 32,125 25,529 5,015 5,239 16,054 17,205 744 953 1,113 1,815 299 317	40,403 55,959 32,717 29,115 6,595 5,533 23,169 20,866 1,827 1,411 332 390 794 915	37,265 60,448 31,197 39,240 3,766 4,800 26,106 32,625 853 1,263 91 132 344 424	33,130 49,855 26,937 31,431 3,088 3,039 22,704 26,030 630 811 171 347 344 307	21,524 28,770 14,536 9,093 2,153 1,271 11,352 7,461 377 303 203 133 451 525	75,728 138,957 49,287 61,098 10,313 22,484 24,392 24,264 2,204 3,039 6,428 10,715 510 596	58,553 92,001 42,570 38,820 14,059 12,004 24,392 22,846 3,049 2,727 355 515 724 738	7,349 9,438 6,406 6,089 260 236 5,657 6,308 453 418 10 9 26 18	33,998 59,910 28,510 21,898 8,330 8,308 11,870 11,577 459 428 237 342 1,611 1,123	40,903 67,102 28,106 25,700 10,473 10,148 15,344 13,366 1,168 953 537 743 584 490	28 29 30 31 32 33 34 35 36 37 38 39 40 41
195 243 165 134 73 98 10,304 80,479 4,866 6,247	1,240 907 1,904 937 191 110 2,080 11,304 2,091 3,551	787 997 256 265 7 5 70 485 ----- -----	340 440 990 1,037 131 75 1,992 12,580 3,834 5,447	159 186 1,195 1,198 21 17 3,239 20,398 2,990 4,778	899 1,145 514 702 22 30 2,284 20,854 2,030 2,544	133 190 630 611 26 30 1,251 11,120 4,081 5,995	646 604 1,926 802 274 116 2,008 12,847 2,036 4,286	133 134 154 147 33 41 7,103 57,451 18,914 19,407	528 573 1,384 983 70 61 6,960 42,203 6,845 8,834	115 125 241 134 ----- ----- 158 1,167 355 691	940 1,039 1,582 1,039 172 105 3,979 20,124 4,685 6,432	1,457 1,263 1,070 885 150 105 4,513 31,910 4,944 6,964	42 43 44 45 46 47 48 49 50 51
230 1,673 4,684 320,820 1,094	470 1,714 3,152 223,703 905	91 279 1,350 145,134 157	120 662 4,517 343,931 2,934	82 267 10,119 975,006 449	327 1,941 3,561 337,625 249	73 475 1,888 144,856 143	98 431 5,061 545,671 82	104 679 2,701 151,303 935	187 477 18,808 1,745,998 1,645	74 332 778 72,711 3	94 303 2,818 175,585 1,079	63 261 5,378 400,485 1,652	54 55 56 57 58
559 5,158 3,714 20 993	2 17 8,206 402 2,187	1 8 1,328 12 248	----- ----- 10,509 76 2,733	----- ----- 6,746 76 2,223	606 6,044 2,444 114 557	2,045 23,546 553 124 81	431 2,685 3,143 90 771	1,862 17,520 1,168 168 227	44 368 15,699 718 4,178	----- ----- 626 410 98	2 33 3,290 ----- 859	17 128 9,841 60 3,449	59 60 61 62 63
230 364,453 113 241,855 90 100,145	640 339,103 58 42,785 545 255,771	36 29,923 32 28,694 1 620	462 617,975 107 319,900 251 231,231	67 73,041 38 43,113 22 26,974	21 28,971 17 27,472 2 630	142 56,447 117 36,912 23 18,264	8 2,931 8 2,842 ----- 89	304 408,756 110 181,244 158 182,572	117 108,975 56 73,528 50 25,742	5 5,252 562 3 3,390	588 605,562 230 389,943 323 244,102	228 231,866 89 79,580 45 22,843	64 65 66 67 68
53,794 95,106 47,227 28,239 43,757 29,535 19,094 28,504 3,722 2,434 10,066 10,294 2,490 4,900 2,519 1,535 7,959 857	97,068 206,838 207,090 60,182 114,898 181,061 14,776 39,870 3,986 4,754 6,709 5,975 1,963 6,396 2,863 15,393 38,965 12,605	9,872 8,609 9,548 8,666 7,641 9,377 ----- ----- ----- 43 7 6 469 131 32 694 880 133	54,836 206,805 530,124 33,101 125,917 428,766 6,901 113,425 64,498 7,447 14,111 10,580 2,814 15,226 14,144 4,573 25,126 15,136	18,199 85,378 113,642 14,617 77,746 110,813 352 ----- ----- 112 32 5 832 501 89 882 1,091 3,791 719	20,518 53,562 43,790 18,712 51,946 43,520 ----- ----- ----- 114 1,878 1,600 512 1,847 474 1,981 3,791 719	15,819 36,278 8,130 12,906 31,245 6,957 81 ----- ----- ----- 1,536 605 822 1,488 239 1,096 1,942 295	10,270 22,854 15,525 9,148 20,721 14,952 11 ----- ----- ----- 435 96 223 743 217 575 944 2,277	46,334 149,315 17,849 100,526 22,377 22,376 22,121 9,471 17,886 42,109 1,406 1,014 12,110 3,654 3,520 1,606 5,780 3,389 350 2,551 17,186 2,277	28,303 99,533 7,971 100,526 22,377 22,376 22,121 9,471 1,168 728 135 1,074 3,654 3,520 1,340 3,389 1,423 2,338 5,123 1,424	3,147 7,971 6,984 2,529 7,236 6,684 ----- ----- ----- 92 136 69 228 281 121 298 318 110	44,543 118,580 183,376 31,173 87,459 169,982 2,078 9,806 3,464 3,080 5,050 3,437 1,609 5,494 5,061 6,603 10,771 1,432	32,774 138,015 245,875 20,879 115,194 236,095 1,396 9,310 2,808 846 3,347 2,765 807 1,885 965 2,845 8,297 2,347	70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87
4,557 32,604 308,328	617 2,432 18,060	----- ----- -----	596 10,976 97,965	10,385 2,915 27,461	3 7 60	849 2,260 26,204	50 782 1,870	10,518 175,056 1,087,332	972 12,851 146,245	1 3 -----	18,375 42,570 234,347	1,048 5,363 46,515	88 89 90

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		Oakland.	Oceana.	Ogemaw.	Onton- agon.	Osceola.	Oscoda.	Otsego.	Ottawa.
VALUE OF ALL CROPS.									
1	Total.....dollars..	9,871,366	5,887,827	1,867,653	904,964	4,559,717	331,559	1,154,675	6,883,796
2	Cereals.....dollars..	4,093,630	1,377,846	507,652	135,212	1,038,647	96,114	201,710	3,058,130
3	Other grains and seeds.....dollars..	134,240	185,373	169,656	18,528	133,658	47,520	9,991	47,887
4	Hay and forage.....dollars..	2,551,720	781,952	601,281	503,668	968,896	121,695	177,305	2,100,079
5	Vegetables.....dollars..	2,492,863	1,414,508	445,300	232,190	2,190,360	56,447	743,251	1,129,040
6	Fruits.....dollars..	683,799	2,116,718	45,145	15,089	181,731	0,473	20,200	504,622
7	All other crops.....dollars..	5,108	11,430	8,610	277	46,416	770	2,218	44,020
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....acres..	122,177	50,462	22,885	5,965	42,798	5,322	10,703	100,840
10	.....bushels..	2,980,127	910,439	472,898	122,037	738,190	70,650	147,380	1,093,443
11	Corn.....acres..	28,701	15,795	3,275	100	10,378	495	1,270	25,083
12	.....bushels..	1,160,415	491,479	132,365	100	357,080	17,499	43,490	578,800
13	Oats.....acres..	41,349	10,528	8,958	3,656	12,535	2,335	3,005	28,291
14	.....bushels..	1,080,719	128,580	195,126	91,610	159,737	35,184	36,778	578,523
15	Wheat.....acres..	16,403	8,072	1,679	1,608	3,561	671	585	26,663
16	.....bushels..	296,533	130,510	23,593	17,620	51,475	6,202	6,384	603,922
17	Barley.....acres..	6,639	295	1,516	472	885	211	83	1,993
18	.....bushels..	95,325	2,913	20,904	8,908	9,652	2,507	731	26,557
19	Rye.....acres..	27,846	14,430	6,587	150	14,012	1,341	5,294	18,608
20	.....bushels..	369,400	150,250	87,164	2,280	141,612	12,394	50,052	200,308
21	Buckwheat.....acres..	773	503	429	29	846	170	253	160
22	.....bushels..	10,291	3,517	4,803	388	8,967	1,470	2,858	2,230
23	Other grains and seeds:								
24	Dry edible beans.....acres..	2,222	3,973	1,440	7	2,288	68	86	1,022
25	.....bushels..	24,149	44,789	18,356	123	26,984	794	908	8,045
26	Soy beans.....acres..	264	75	23	48	48	22	36	201
27	.....bushels..	2,907	639	330	347	347	344	201	208
28	Dry peas.....acres..	39	65	1,033	246	496	408	61	208
29	.....bushels..	328	601	23,474	3,912	5,120	4,908	520	2,250
30	Hay and forage:								
31	Total.....acres..	87,587	34,326	22,209	15,235	43,344	5,250	9,797	73,091
32	.....tons..	183,239	55,438	32,410	20,502	63,302	6,933	11,029	150,892
33	All tame or cultivated grasses.....acres..	65,652	22,101	19,512	14,826	31,856	4,498	7,523	45,684
34	.....tons..	62,667	18,002	19,768	19,730	25,359	3,720	4,708	49,903
35	Timothy alone.....acres..	19,721	5,899	713	218	5,250	312	1,254	18,334
36	.....tons..	19,032	4,372	717	260	4,018	250	581	19,773
37	Timothy and clover mixed.....acres..	41,665	12,840	18,074	14,510	24,710	3,451	5,004	24,642
38	.....tons..	38,250	9,232	18,008	19,382	19,539	2,895	3,170	27,908
39	Clover alone.....acres..	1,565	642	307	98	1,132	317	421	833
40	.....tons..	1,726	593	384	91	920	418	323	950
41	Alfalfa.....acres..	1,708	1,836	230	437	52	52	237	317
42	.....tons..	2,808	2,615	407	470	77	77	277	459
43	Other tame or cultivated grasses.....acres..	1,093	884	128	318	66	607	658	908
44	.....tons..	1,151	1,239	242	373	80	444	903	903
45	Wild, salt, or prairie grasses.....acres..	326	194	110	172	316	131	154	1,540
46	.....tons..	446	246	105	177	402	112	88	1,452
47	Small grains cut for hay.....acres..	402	1,085	332	90	3,392	283	530	1,281
48	.....tons..	330	1,201	314	96	1,633	210	264	1,682
49	Annual legumes cut for hay.....acres..	25	124	32	4	390	58	13	70
50	.....tons..	20	77	36	7	198	57	10	33
51	Silage crops.....acres..	13,949	3,514	1,407	16	3,626	291	631	13,765
52	.....tons..	106,924	28,005	10,470	110	29,464	1,633	3,930	84,442
53	Corn cut for forage.....acres..	7,148	6,376	737	5	3,780	242	869	10,542
54	.....tons..	12,093	7,095	1,371	5	5,580	631	1,662	12,489
55	Kafir, sorghum, etc., for forage.....acres..	85	32	79	122	174	50	77	200
56	.....tons..	459	212	350	368	657	221	277	821
57	Root crops for forage.....acres..	85	32	79	122	174	50	77	200
58	.....tons..	459	212	350	368	657	221	277	821
59	Vegetables:								
60	Potatoes (Irish or white).....acres..	11,144	6,584	1,896	870	8,321	252	3,040	4,720
61	.....bushels..	1,037,021	600,493	182,872	70,322	1,002,240	10,227	349,878	230,043
62	Other vegetables.....acres..	697	907	41	12	173	3	23	2,311
63	Miscellaneous crops:								
64	Sugar beets grown for sugar.....acres..	14	66	66	320	1	1	313	313
65	.....tons..	100	503	503	1,855	8	8	3,058	3,058
66	Maple trees tapped.....number..	4,958	15,103	945	335	13,912	1,070	2,710	10,737
67	Maple sugar made.....pounds..	54	576	10	34	308	233	792	817
68	Maple sirup made.....gallons..	1,152	3,924	253	71	3,002	233	792	3,000
69	FRUITS.								
70	Small fruits:								
71	Total.....acres..	276	412	9	7	120	10	730	730
72	.....quarts..	347,200	542,599	3,026	10,282	39,527	7,100	735,132	735,132
73	Strawberries.....acres..	100	142	8	6	31	10	321	321
74	Raspberries.....acres..	183,247	169,654	3,103	9,885	10,825	7,100	470,254	470,254
75	.....quarts..	111	101	1	1	86	10	325	325
76	Orchard fruits:								
77	Total.....trees not of bearing age..	164,542	174,420	6,529	7,149	19,899	2,937	3,226	62,385
78	.....bushels harvested..	342,988	558,730	26,247	6,515	63,380	9,460	11,302	157,616
79	Apples.....trees not of bearing age..	122,357	78,898	21,581	6,581	85,515	4,421	9,339	125,895
80	.....bushels harvested..	266,905	189,013	5,058	6,532	15,824	2,354	2,716	37,957
81	Peaches.....trees not of bearing age..	248,436	720,359	23,054	6,145	55,049	5,982	10,510	98,167
82	.....bushels harvested..	19,975	29,250	20,083	6,497	82,892	4,257	9,136	93,263
83	Pears.....trees not of bearing age..	39,848	202,769	13	10	16	10	10	10
84	.....bushels harvested..	15,779	116,268	10	2	10	10	17,354	17,354
85	Plums and prunes.....trees not of bearing age..	8,073	7,396	376	38	375	82	37	5,635
86	.....bushels harvested..	18,404	16,941	1,067	3	1,288	85	45	6,187
87	Cherries.....trees not of bearing age..	14,332	13,882	849	383	1,190	31	17	13,206
88	.....bushels harvested..	10,093	13,630	470	242	1,345	212	182	4,832
89	.....trees not of bearing age..	15,400	52,524	838	60	723	42	66	11,317
90	.....bushels harvested..	7,644	40,477	102	196	3,027	289	201	11,033
91	Grapes.....vines not of bearing age..	3,439	45,255	127	125	5,080	201	422	4,289
92	.....vines of bearing age..	12,431	87,453	1,278	24	700	91	120	11,406
93	.....pounds harvested..	1,282	34,313	457	4	430	58	288,127	288,127
94	.....pounds harvested..	33,998	12,096	2,561	1	2,087	103	573	1,865,635
95	.....pounds harvested..	306,891	82,882	7,151	4	20,005	573		

AGRICULTURE—MICHIGAN.

85

AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

Presque Isle.	Roscomon.	Saginaw.	St. Clair.	St. Joseph.	Sanilac.	Schoolcraft.	Shiawassee.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
1,505,245 287,227 98,253 473,187 659,555 40,701 825	194,861 57,040 6,025 63,229 63,977 3,970 14	11,607,121 4,993,175 1,478,193 2,820,426 901,459 88,662 1,376,218	7,576,579 3,520,453 161,717 3,095,168 557,917 97,127 124,197	5,221,908 3,490,538 102,995 1,105,676 444,443 221,637 22,256	12,466,494 4,722,680 909,628 5,365,407 612,254 221,637 604,888	408,597 64,573 8,175 164,455 213,201 18,087 106	8,782,304 4,170,909 840,092 2,409,903 488,827 71,518 795,055	13,070,798 4,733,373 1,590,931 2,755,706 1,620,681 95,419 2,265,088	9,286,211 3,017,589 40,462 1,033,781 1,207,657 3,108,512 152,210	9,505,901 5,206,810 63,060 3,084,811 847,180 205,349 9,191	7,107,520 3,020,326 6,725 1,882,569 1,911,048 233,745 41,107	2,326,073 613,538 16,895 336,025 1,235,382 68,781 5,402
17,187 239,954 362 12,079 8,403 143,062 3,910 31,810 1,486 20,218 2,831 30,171 103 1,075	3,073 42,092 408 12,773 941 10,336 168 1,791 48 476 1,388 15,655 68 653	119,217 3,938,991 32,785 1,360,148 1,819,334 21,840 401,240 9,435 188,014 5,518 71,968 521 5,326	120,025 2,680,886 17,135 536,521 1,334,125 29,103 523,866 6,505 112,529 10,195 128,158 1,152 19,124	126,089 2,260,519 43,470 1,074,445 18,112 286,303 388,375 1,258 14,997 38,611 476,879 1,399 18,048	155,402 4,079,701 10,710 503,310 89,095 2,512,920 23,554 438,348 18,919 377,296 9,984 142,521 780 10,282	3,578 62,327 7 375 2,451 47,248 407 4,093 490 7,640 54 560 53 1,089	107,772 2,907,870 23,891 1,021,376 32,692 1,013,178 27,717 549,571 8,853 148,505 13,777 221,304 556 7,998	122,470 3,597,158 26,703 1,251,532 49,094 1,444,983 18,652 428,046 13,254 260,813 12,813 189,901 1,020 14,010	105,387 1,989,769 36,607 960,672 22,103 352,729 19,888 358,010 1,536 18,669 24,450 290,234 627 7,149	137,142 3,674,155 34,534 1,359,036 36,828 1,034,529 33,281 701,883 9,077 156,614 21,061 334,937 1,019 14,310	83,897 2,148,926 21,076 891,428 26,046 701,448 19,302 373,407 2,545 46,650 9,628 114,508 1,059 12,958	26,384 405,691 8,996 244,393 2,054 21,953 3,327 26,144 53 371 11,750 109,749 242 2,631
116 1,421 34 254 1,504 10,155	56 577 1 7 46 685	22,995 334,143 473 8,428 482 5,527	1,646 22,654 79 925 68 2,087	411 2,413 150 993 68 505	9,126 148,512 510 7,180 2,739 26,080	9 158 ----- ----- 253 2,504	13,070 170,773 244 3,230 356 4,394	19,620 355,082 405 5,704 730 10,704	320 2,583 29 249 30 175	433 3,409 26 242 28 277	152 1,130 15 83 4 83	432 2,944 23 23 71 589
17,925 21,073 10,954 17,049 390 443 10,005 16,479 352 490 117 182 30 55	3,573 3,265 2,516 1,792 568 358 1,709 1,185 173 134 3 4 63 111	84,608 161,910 66,664 83,585 12,421 10,382 51,052 63,440 1,850 2,610 483 944 858 809	110,288 101,989 98,805 104,265 24,013 25,509 70,700 73,907 1,000 2,257 221 907 2,271 2,138	61,671 71,854 32,309 20,907 7,933 5,459 10,101 13,212 5,297 4,326 2,605 3,591 563 409	161,767 281,559 144,886 181,676 17,248 22,467 124,706 168,176 1,881 2,400 193 312 857 1,322	6,753 7,175 6,296 5,981 158 100 6,050 5,831 35 37 ----- ----- 23 13	66,010 136,216 54,395 70,293 8,835 11,031 41,416 58,356 3,364 4,922 553 1,108 227 270	84,706 103,805 72,758 84,465 14,540 17,946 54,568 62,169 1,004 1,808 963 1,530 1,077 1,012	65,914 105,650 39,856 44,800 13,142 15,114 20,477 22,305 3,142 3,270 3,962 2,545 1,371 1,026	95,296 203,004 96,556 78,360 34,637 38,392 23,919 28,300 2,571 3,182 3,962 6,906 1,467 1,580	60,454 130,833 41,572 46,282 10,825 18,042 20,382 22,525 778 881 1,022 3,094 1,665 1,290	18,914 27,087 11,237 30,310 3,457 3,538 5,401 2,818 442 1,280 968 1,536 873
21 27 111 73 65 82 414 2,352 245 468	163 221 463 286 12 12 40 233 340 573	818 929 245 177 64 64 6,351 55,634 9,724 10,087	321 294 274 242 23 22 5,984 47,170 4,793 9,566	1,346 1,641 1,029 564 220 175 3,780 22,753 22,803 19,300	202 310 163 192 65 65 9,059 84,579 6,282 13,783	67 34 183 107 ----- ----- 17 215 22 40	361 408 41 244 62 20 32 5,262 48,335 5,851 10,728	148 201 244 265 35 133 7,725 72,155 3,581 5,732	914 931 2,826 2,067 200 684 0,455 40,376 15,368 15,425	3,466 3,098 3,255 2,067 518 694 14,859 107,404 9,558 17,208	388 289 368 471 50 73 9,320 67,998 8,424 14,000	210 141 2,532 1,032 25 25 1,617 12,100 3,234 5,107
115 392 3,176 278,064 8	48 148 326 24,580 9	804 8,234 3,649 277,737 1,325	88 350 2,462 156,264 403	4 14 3,050 139,852 480	179 973 2,185 178,963 1,758	198 708 990 93,463 27	80 303 1,773 151,885 198	215 940 6,800 670,023 231	295 928 4,746 345,467 2,311	14 54 2,894 263,112 605	205 1,731 5,652 324,933 6,091	50 147 6,091 558,804 331
618 1 116	60 5	11,651 118,864 2,420	1,200 10,242 11,053	----- ----- 1,166	5,377 51,767 6,197	----- ----- 200	7,218 67,855 18,008	17,071 195,684 24,071	23 187 21,668	18 3,354 7,515	337 ----- 3,765	----- ----- 6,904
1 1,024 1 804 60	8 2,810 6 2,021 789	279 274,018 121 199,767 65,614	229 194,036 83 114,954 59,353	120 106,653 75 80,997 18,169	514 474,452 43 41,698 345,708	6 3,648 5 2,548 -----	135 120,531 48 72,741 67 39,064	110 78,995 41 38,451 63 30,069	1,183 1,555,895 595 1,080,399 306,452	242 230,379 103 142,309 56,151	431 604,837 211 416,559 129,670	34 24,331 30 23,164 670
10,931 34,010 22,471 14,828 29,477 40,498 18 18 7 454 873 408 1,944 901 928 1,088 657	6,883 10,583 1,071 6,584 10,240 1,593 ----- ----- 41 38 18 126 150 24 132 155 36	22,475 110,057 9,685 17,237 98,926 6,353 349 1,223 110 1,510 5,912 2,578 1,526 3,007 238 1,853 7,289 400	17,059 157,138 25,810 11,690 126,601 15,228 1,755 5,639 836 1,637 10,910 8,060 1,099 5,029 1,252 978 8,559 434	22,921 30,542 11,144 10,462 18,797 7,418 8,825 2,215 220 2,789 2,330 1,035 1,891 1,351 1,060 1,064 5,849 1,675	10,536 192,647 53,462 6,474 154,681 37,734 797 6,338 1,580 1,546 13,296 8,627 6,302 2,350 798 11,630 3,071	4,047 9,134 3,076 3,087 8,428 8,641 ----- ----- ----- ----- 50 22 ----- ----- 310 684 35	11,898 104,504 18,707 7,593 53,461 11,899 1,068 4,059 1,227 555 5,484 4,680 888 3,785 413 1,257 7,715 632	14,632 173,056 435,131 33,993 10,855 147,691 25,927 72,719 187,251 47,238 1,123 7,902 5,555 3,714 1,079 1,080 9,330 784	261,856 597,443 33,993 10,855 208,542 321,249 72,719 187,251 47,238 25,067 107,763 5,555 4,691 12,564 5,764 15,599 51,265 27,412	60,205 152,090 64,484 44,057 98,651 47,056 13,456 21,892 4,141 3,041 12,151 8,736 2,292 7,037 2,190 3,359 12,957 2,361	57,774 77,515 43,370 32,757 30,263 28,301 11,160 16,592 10,933 5,005 7,722 4,614 5,579 1,128 3,310 9,076 2,250	12,607 41,880 30,801 8,995 31,336 29,027 265 170 943 833 314 462 1,028 3,000 1,942 8,510 1,157
1 4 -----	40 30 200	2,790 41,346 302,377	2,481 7,821 82,180	972 31,516 206,570	483 3,595 33,887	----- ----- -----	1,370 11,957 147,065	1,772 20,569 170,761	104,989 4,420,189 38,290,128	12,836 35,782 443,073	11,224 59,530 509,274	204 1,335 9,848

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919.

	THE STATE.	Alcona.	Alger.	Allegan.	Alpena.	Antrim.	Arenac.	Baraga.	Barry.
MORTGAGE DEBT REPORTS: 1920.									
1	For all farms operated by owners:								
2	Number free from mortgage debt.....	72,869	356	142	2,187	603	563	428	1,345
3	Number with mortgage debt.....	78,758	468	194	2,479	539	691	776	1,260
4	Number with no mortgage report.....	7,779	16	43	159	43	45	50	33
5	For farms consisting of owned land only:								
6	Number of farms reporting amount of debt.....	67,119	419	189	2,156	514	580	656	270
7	Value of land and buildings.....dollars..	420,108,156	1,611,650	603,575	11,817,025	1,754,175	2,153,245	2,675,425	1,199,935
8	Amount of mortgage debt.....dollars..	144,103,067	490,372	182,734	4,555,865	508,488	619,545	1,030,286	274,985
9	Ratio of debt to value.....per cent..	34.3	28.6	30.3	38.6	29.0	28.8	38.5	22.9
10	Average rate of interest paid.....per cent..	6.0	6.6	5.9	5.8	6.6	6.4	6.6	5.9
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
11	Labor:								
12	Farms reporting.....number..	102,431	389	119	2,812	584	627	711	342
13	Total expenditure.....dollars..	31,944,861	98,644	28,389	764,906	120,407	152,401	198,535	90,069
14	Amount in cash.....dollars..	24,875,549	74,538	25,337	596,903	91,925	119,858	155,970	68,714
15	Value of rent and board furnished.....dollars..	7,069,312	24,106	3,052	168,003	28,482	32,543	42,565	27,355
16	Fertilizer:								
17	Farms reporting.....number..	65,782	12	10	2,132	70	120	71	23
18	Amount expended.....dollars..	4,872,543	743	253	131,530	2,395	4,967	4,363	1,099
19	Feed:								
20	Farms reporting.....number..	111,191	424	153	4,150	443	929	577	448
21	Amount expended.....dollars..	21,938,870	48,063	25,760	892,299	103,904	121,809	64,591	67,201

	Bay.	Benzie.	Berrien.	Branch.	Calhoun.	Cass.	Charlevoix.	Choboygan.	Chippewa.
MORTGAGE DEBT REPORTS: 1920.									
1	For all farms operated by owners:								
2	Number free from mortgage debt.....	1,231	409	2,178	1,324	1,315	1,001	598	583
3	Number with mortgage debt.....	1,564	423	2,204	892	1,243	744	541	483
4	Number with no mortgage report.....	46	34	150	151	94	48	11	36
5	For farms consisting of owned land only:								
6	Number of farms reporting amount of debt.....	1,364	327	1,857	867	1,041	608	446	442
7	Value of land and buildings.....dollars..	7,962,470	1,043,790	13,072,490	6,477,640	7,532,125	4,184,809	1,581,715	1,439,077
8	Amount of mortgage debt.....dollars..	2,929,481	300,242	4,711,807	2,345,366	2,880,742	1,379,808	440,316	346,686
9	Ratio of debt to value.....per cent..	36.8	28.8	36.0	36.2	38.2	33.0	27.8	24.1
10	Average rate of interest paid.....per cent..	6.0	6.4	6.0	5.7	5.8	6.0	6.4	6.2
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
11	Labor:								
12	Farms reporting.....number..	1,777	458	3,183	1,532	2,245	1,338	571	473
13	Total expenditure.....dollars..	542,194	120,837	1,436,286	397,850	605,798	450,353	186,758	124,663
14	Amount in cash.....dollars..	435,579	107,114	1,219,006	314,252	485,635	354,626	150,300	110,995
15	Value of rent and board furnished.....dollars..	106,615	13,723	217,280	83,598	180,163	95,727	36,458	13,668
16	Fertilizer:								
17	Farms reporting.....number..	863	75	2,296	817	477	375	206	58
18	Amount expended.....dollars..	78,402	5,269	225,884	54,705	36,714	58,106	10,718	3,133
19	Feed:								
20	Farms reporting.....number..	1,249	612	3,693	1,977	2,284	1,523	751	640
21	Amount expended.....dollars..	176,459	96,078	785,528	426,559	549,331	360,291	102,684	89,285

	Clare.	Clinton.	Crawford.	Delta.	Dickinson.	Eaton.	Emmet.	Genesee.	Gladwin.
MORTGAGE DEBT REPORTS: 1920.									
1	For all farms operated by owners:								
2	Number free from mortgage debt.....	357	1,124	115	636	238	1,275	574	1,105
3	Number with mortgage debt.....	673	1,267	60	593	146	1,600	608	1,385
4	Number with no mortgage report.....	18	131	2	103	22	74	16	194
5	For farms consisting of owned land only:								
6	Number of farms reporting amount of debt.....	545	973	56	571	141	1,230	520	1,110
7	Value of land and buildings.....dollars..	2,202,306	8,873,600	155,650	2,570,400	683,920	8,317,110	1,645,200	9,871,585
8	Amount of mortgage debt.....dollars..	774,895	3,068,675	40,340	790,792	227,220	3,267,195	488,671	3,102,596
9	Ratio of debt to value.....per cent..	35.2	34.6	25.9	30.8	33.2	35.1	31.6	31.4
10	Average rate of interest paid.....per cent..	6.6	6.7	6.4	6.0	5.6	5.8	6.4	6.0
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
11	Labor:								
12	Farms reporting.....number..	614	2,218	65	544	231	1,840	515	1,956
13	Total expenditure.....dollars..	137,960	650,750	33,976	145,856	95,222	498,937	113,298	730,072
14	Amount in cash.....dollars..	102,155	486,590	27,460	108,367	77,674	350,343	95,353	549,728
15	Value of rent and board furnished.....dollars..	35,805	164,160	6,516	37,489	17,548	118,594	17,915	180,344
16	Fertilizer:								
17	Farms reporting.....number..	38	1,764	11	92	16	2,182	147	2,518
18	Amount expended.....dollars..	2,075	94,427	712	6,708	684	128,732	7,138	194,078
19	Feed:								
20	Farms reporting.....number..	660	1,629	129	816	260	1,824	780	1,668
21	Amount expended.....dollars..	81,489	281,871	43,156	151,106	60,423	282,140	120,351	311,118

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COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919—Contd.

	Gogebic.	Grand Traverse.	Gratiot.	Hillsdale.	Houghton.	Huron.	Ingham.	Ionia.	Iosco.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	252	711	1,051	1,496	640	1,830	1,238	1,010	338
Number with mortgage debt.....	208	708	1,570	1,399	583	2,055	1,147	1,179	441
Number with no mortgage report.....	62	47	164	109	57	124	115	186	40
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	203	610	1,205	1,132	539	1,767	887	907	368
Value of land and buildings.....dollars..	979,825	2,816,920	11,285,908	8,089,515	2,347,000	12,890,700	6,903,092	8,028,120	1,499,675
Amount of mortgage debt.....dollars..	274,806	872,634	3,515,032	3,008,201	746,824	4,068,448	2,585,033	2,751,255	470,020
Ratio of debt to value.....per cent..	28.0	31.0	31.1	37.2	31.8	36.2	37.4	34.3	31.9
Average rate of interest paid.....per cent..	6.1	6.5	6.1	5.7	6.0	6.3	5.8	5.8	6.3
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting.....number..	198	1,028	2,479	1,921	744	2,334	2,198	2,032	441
Total expenditure.....dollars..	68,782	333,395	807,884	436,025	180,234	758,629	621,624	706,299	137,969
Amount in cash.....dollars..	54,543	260,228	642,055	325,728	148,983	598,340	489,177	566,246	111,337
Value of rent and board furnished.....dollars..	14,239	73,167	165,829	110,297	40,251	160,289	132,447	200,053	26,632
Fertilizer:									
Farms reporting.....number..	18	183	1,960	1,872	92	2,194	1,381	1,290	71
Amount expended.....dollars..	2,814	10,093	118,091	99,583	10,937	131,566	60,962	100,812	6,025
Feed:									
Farms reporting.....number..	400	1,112	1,929	2,660	1,225	1,631	1,747	1,788	439
Amount expended.....dollars..	102,103	246,498	259,380	664,533	203,119	108,658	308,184	430,046	78,074

	Iron.	Isabella.	Jackson.	Kalamazoo.	Kalkaska.	Kent.	Keweenaw.	Lake.	Lapeer.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	365	1,127	1,360	1,106	300	1,690	11	310	1,266
Number with mortgage debt.....	194	1,539	1,180	1,129	379	2,352	0	206	1,413
Number with no mortgage report.....	38	60	187	128	11	299	4	43	72
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	182	1,297	991	891	317	2,036	6	252	1,101
Value of land and buildings.....dollars..	790,000	7,877,910	7,253,545	6,180,511	1,016,180	13,073,467	33,100	1,060,525	9,127,795
Amount of mortgage debt.....dollars..	197,518	2,598,002	2,498,513	2,107,499	254,086	4,800,486	4,800	287,822	3,056,017
Ratio of debt to value.....per cent..	25.0	33.0	34.4	34.1	25.1	37.2	14.5	27.1	33.5
Average rate of interest paid.....per cent..	6.0	6.4	5.7	6.0	6.5	6.9	6.4	6.4	6.0
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting.....number..	304	1,976	1,914	1,938	424	2,576	27	287	2,075
Total expenditure.....dollars..	88,252	475,438	700,368	572,092	96,127	830,578	5,819	58,960	571,187
Amount in cash.....dollars..	69,774	360,895	522,796	441,525	82,341	634,228	4,859	47,258	406,077
Value of rent and board furnished.....dollars..	18,478	108,623	177,572	130,567	13,786	196,350	960	11,702	165,110
Fertilizer:									
Farms reporting.....number..	27	641	401	737	37	1,270	9	24	1,878
Amount expended.....dollars..	1,879	35,770	34,248	78,007	2,638	160,799	226	2,962	155,858
Feed:									
Farms reporting.....number..	418	1,483	2,270	2,100	604	3,774	52	423	1,580
Amount expended.....dollars..	74,411	178,857	550,384	469,708	114,124	754,135	8,953	59,529	233,609

	Leelanau.	Lenawee.	Livingston.	Luce.	MacKinnac.	Macomb.	Manistee.	Marquette.	Mason.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	645	1,584	899	104	238	1,394	631	400	582
Number with mortgage debt.....	483	1,648	971	74	139	1,348	677	216	1,055
Number with no mortgage report.....	91	241	204	5	70	103	58	133	114
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	423	1,374	839	69	125	1,189	553	207	906
Value of land and buildings.....dollars..	1,768,500	14,311,995	6,187,652	249,660	419,630	10,409,740	1,964,125	691,250	4,205,575
Amount of mortgage debt.....dollars..	621,570	5,174,384	2,147,011	73,650	125,975	3,638,238	637,843	206,227	1,543,222
Ratio of debt to value.....per cent..	35.1	36.2	34.7	29.5	30.0	35.0	32.5	29.8	36.7
Average rate of interest paid.....per cent..	6.1	5.7	5.4	6.5	6.2	5.8	6.1	6.0	6.1
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting.....number..	743	3,045	1,611	80	207	1,672	778	324	958
Total expenditure.....dollars..	219,828	949,680	544,955	34,053	59,208	902,742	192,309	93,022	266,988
Amount in cash.....dollars..	168,376	716,105	400,893	20,049	49,916	698,735	151,842	71,859	201,602
Value of rent and board furnished.....dollars..	51,452	233,515	144,062	8,004	9,350	204,007	40,467	21,553	65,386
Fertilizer:									
Farms reporting.....number..	377	3,017	382	5	6	2,672	57	57	99
Amount expended.....dollars..	21,895	204,829	30,524	500	692	330,618	4,364	3,519	6,446
Feed:									
Farms reporting.....number..	730	3,315	1,533	84	265	2,282	971	690	1,117
Amount expended.....dollars..	92,681	958,404	387,504	14,121	41,892	541,352	148,144	176,109	205,841

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919—Contd.

	Mecosta.	Menominee.	Midland.	Missaukee.	Monroe.	Montcalm.	Montmorency.	Muskegon.	Newaygo.	Oakland.
MORTGAGE DEBT REPORTS: 1920.										
1 For all farms operated by owners:										
2 Number free from mortgage debt.....	907	741	710	393	1,480	1,554	102	874	903	1,290
3 Number with mortgage debt.....	1,252	1,136	1,003	758	1,520	1,889	217	815	1,289	1,184
4 Number with no mortgage report.....	53	141	60	38	219	191	9	73	131	355
5 For farms consisting of owned land only:										
6 Number of farms reporting amount of debt.....	1,057	1,088	857	641	1,251	1,594	194	719	1,096	980
7 Value of land and buildings.....dollars..	4,264,440	4,897,270	4,180,730	2,784,370	10,490,731	8,407,718	732,370	3,049,375	4,708,448	9,604,072
8 Amount of mortgage debt.....dollars..	1,462,949	1,645,049	1,365,703	960,440	3,832,300	3,020,951	177,087	1,112,246	1,680,040	2,876,423
9 Ratio of debt to value.....per cent..	34.3	34.2	32.7	34.5	36.5	35.9	24.2	36.5	35.7	30.7
10 Average rate of interest paid.....per cent..	6.3	6.1	6.3	6.4	5.0	6.1	6.0	5.0	6.1	5.8
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.										
11 Labor:										
12 Farms reporting.....number..	1,310	806	959	615	1,892	2,483	188	806	1,170	3,183
13 Total expenditure.....dollars..	265,068	206,743	213,655	134,999	598,899	575,546	50,417	238,277	250,373	1,594,005
14 Amount in cash.....dollars..	204,770	215,683	165,570	106,812	444,049	444,912	44,735	190,064	197,485	1,241,684
15 Value of rent and board furnished.....dollars..	60,298	51,060	48,085	28,187	153,950	130,634	11,682	48,213	52,888	352,321
16 Fertilizer:										
17 Farms reporting.....number..	110	410	330	81	3,101	531	15	534	423	1,940
18 Amount expended.....dollars..	4,538	15,518	14,709	4,836	233,449	18,000	1,032	33,981	20,784	131,118
19 Feed:										
20 Farms reporting.....number..	1,313	1,199	1,007	848	2,236	2,331	179	1,438	1,047	2,558
21 Amount expended.....dollars..	201,105	163,404	90,218	124,488	359,640	303,480	26,710	370,023	208,049	877,017
	Oceana.	Ogemaw.	Ontonagon.	Osceola.	Oscoda.	Otsego.	Ottawa.	Presque Isle.	Roscommon.	Saginaw.
MORTGAGE DEBT REPORTS: 1920.										
1 For all farms operated by owners:										
2 Number free from mortgage debt.....	830	364	344	875	101	238	1,776	540	132	1,020
3 Number with mortgage debt.....	976	716	521	1,032	138	256	1,984	422	95	2,215
4 Number with no mortgage report.....	147	21	25	97	14	9	84	56	2	265
5 For farms consisting of owned land only:										
6 Number of farms reporting amount of debt.....	815	607	502	915	126	206	1,002	394	89	1,944
7 Value of land and buildings.....dollars..	3,856,870	2,036,475	1,799,730	3,335,545	631,690	646,090	11,014,615	1,203,335	251,970	13,129,338
8 Amount of mortgage debt.....dollars..	1,184,391	717,253	607,011	1,180,021	126,918	209,628	4,277,790	380,703	64,244	4,342,494
9 Ratio of debt to value.....per cent..	30.7	35.2	33.7	35.4	23.9	32.4	38.8	30.7	25.5	33.1
10 Average rate of interest paid.....per cent..	6.1	6.6	5.9	6.4	6.3	6.3	5.7	6.2	6.4	5.8
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.										
11 Labor:										
12 Farms reporting.....number..	1,313	646	454	1,152	112	338	1,598	281	75	2,796
13 Total expenditure.....dollars..	417,615	178,017	88,496	218,776	21,946	55,720	429,400	63,561	23,455	1,101,023
14 Amount in cash.....dollars..	343,485	153,232	73,869	181,271	16,699	49,333	315,197	52,638	17,659	854,288
15 Value of rent and board furnished.....dollars..	74,130	24,785	14,627	37,505	5,247	6,387	114,212	10,923	5,499	247,335
16 Fertilizer:										
17 Farms reporting.....number..	334	24	15	152	5	9	2,551	131	3	2,109
18 Amount expended.....dollars..	23,381	1,904	946	5,314	500	350	179,352	9,124	149	107,325
19 Feed:										
20 Farms reporting.....number..	1,662	461	654	1,316	186	403	3,670	359	109	2,212
21 Amount expended.....dollars..	266,015	102,208	105,562	168,527	49,409	75,675	1,016,854	33,196	25,761	328,214
	St. Clair.	St. Joseph.	Sanilac.	Schoolcraft.	Shiawassee.	Tuscola.	Van Buren.	Washtenaw.	Wayne.	Wexford.
MORTGAGE DEBT REPORTS: 1920.										
1 For all farms operated by owners:										
2 Number free from mortgage debt.....	1,026	917	1,831	134	1,325	1,674	1,805	1,307	1,347	665
3 Number with mortgage debt.....	1,432	627	2,207	183	1,086	2,003	1,780	1,248	1,127	703
4 Number with no mortgage report.....	50	132	156	39	97	134	91	161	203	46
5 For farms consisting of owned land only:										
6 Number of farms reporting amount of debt.....	1,140	450	1,808	172	1,004	1,643	1,465	1,070	988	574
7 Value of land and buildings.....dollars..	8,193,090	3,369,935	12,031,195	734,375	9,218,040	11,804,950	8,270,267	9,802,531	9,071,283	1,587,000
8 Amount of mortgage debt.....dollars..	2,449,701	1,124,415	4,352,537	104,907	3,190,286	3,802,619	2,858,732	3,405,171	2,846,412	499,631
9 Ratio of debt to value.....per cent..	29.9	33.4	36.2	26.6	34.6	32.2	34.6	34.7	30.4	31.5
10 Average rate of interest paid.....per cent..	6.0	5.8	6.3	6.2	5.8	6.0	6.1	5.5	5.9	6.4
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.										
11 Labor:										
12 Farms reporting.....number..	1,680	1,278	2,363	164	2,054	2,731	2,421	2,105	1,756	741
13 Total expenditure.....dollars..	419,502	332,824	531,898	57,562	612,623	984,002	845,503	1,090,421	808,073	102,802
14 Amount in cash.....dollars..	310,194	258,767	414,265	44,190	491,803	814,948	741,680	794,638	602,753	84,724
15 Value of rent and board furnished.....dollars..	109,308	66,067	117,633	13,372	120,760	109,054	103,823	295,783	205,320	18,138
16 Fertilizer:										
17 Farms reporting.....number..	2,987	478	2,987	71	1,758	2,945	1,049	2,050	2,625	91
18 Amount expended.....dollars..	182,151	44,699	156,185	5,046	112,370	182,038	98,113	244,841	222,316	1,819
19 Feed:										
20 Farms reporting.....number..	1,623	1,636	1,625	199	1,506	2,060	2,058	2,404	2,471	1,129
21 Amount expended.....dollars..	230,188	352,236	197,747	38,531	369,421	251,180	602,908	897,830	606,895	109,943

FOURTEENTH CENSUS OF THE UNITED STATES: 1920

DEPARTMENT
OF COMMERCE

BULLETIN

BUREAU OF
THE CENSUS

AGRICULTURE : MINNESOTA

STATISTICS FOR THE STATE AND ITS COUNTIES

Prepared under the supervision of WILLIAM LANE AUSTIN, Chief Statistician for Agriculture

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INTRODUCTION.

This bulletin presents a statement of the statistics of agriculture for Minnesota collected at the census of 1920. The statistics of farms and farm property, including live stock, relate to January 1, 1920; those of live-stock products, crops, and farm expenditures are for the calendar year 1919. In order to show the

present tendency in agriculture, comparative figures for the census of 1910 are given throughout the bulletin; and to show the general trend of the agricultural industry over a considerable period of time, all general farm information available is presented for the different censuses since 1850.

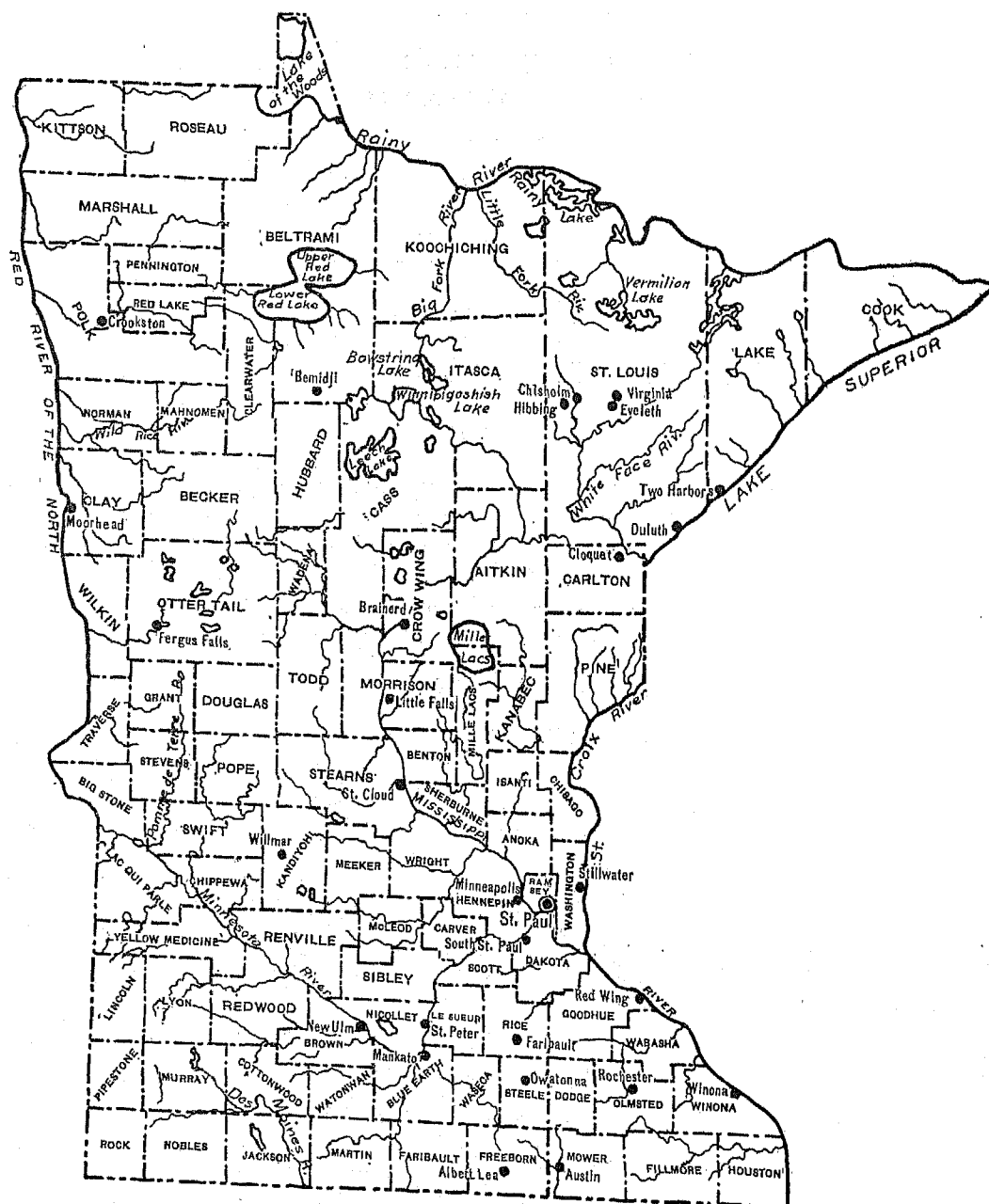
FARMS AND FARM PROPERTY.

TABLE 1.—SUMMARY: 1920 AND 1910.

ITEM.	1920. (January 1)	1910 (April 15)	INCREASE. ¹	
			Amount.	Per cent.
Number of all farms.....	178, 478	156, 137	22, 341	14. 3
Approximate land area of the state..... acres..	51, 749, 120	51, 749, 120		
All land in farms..... acres..	30, 221, 758	27, 675, 823	2, 545, 935	9. 2
Improved land in farms..... acres..	21, 481, 710	19, 643, 533	1, 838, 177	9. 4
Woodland in farms..... acres..	4, 482, 656	3, 922, 391	560, 265	14. 3
Other unimproved land in farms..... acres..	4, 257, 392	4, 109, 899	147, 493	3. 6
Per cent of land area in farms.....	58. 4	53. 5		
Per cent of farm land improved.....	71. 1	71. 0		
Average acreage per farm.....	169. 3	177. 3	-8. 0	-4. 5
Average improved acreage per farm.....	120. 4	125. 8	-5. 4	-4. 3
Value of all farm property.....	\$3, 787, 420, 118	\$1, 476, 411, 737	\$2, 311, 008, 381	156. 5
Land.....	2, 750, 328, 432	1, 019, 102, 027	1, 731, 226, 405	169. 9
Buildings.....	550, 839, 893	243, 339, 399	307, 500, 494	126. 4
Implement and machinery.....	181, 087, 968	52, 329, 165	128, 758, 803	246. 1
Live stock.....	305, 163, 825	161, 641, 146	143, 522, 679	88. 8
Average value per farm:				
All farm property.....	21, 221	9, 456	11, 765	124. 4
Land.....	15, 410	6, 527	8, 883	136. 1
Buildings.....	3, 086	1, 558	1, 528	98. 1
Implement and machinery.....	1, 015	335	680	203. 0
Live stock.....	1, 710	1, 035	675	65. 2

¹ A minus sign (—) denotes decrease.

COUNTIES, PRINCIPAL CITIES, AND RIVERS.



EXPLANATION OF TERMS.

To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term, referring to the work of growing crops, producing other agricultural products, and raising domestic animals, poultry, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1919, or required for its agricultural operations the continuous services of at least one person.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operation of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, managers, and tenants.

Farm owners include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "full owners" being then used for those owning all their land.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1920 in five classes: (1) Share tenants—those who pay a certain share of the products, as one-half, one-third, or one-quarter, for the use of the farm but furnish their own farm equipment and animals; (2) croppers—share tenants who do not furnish their work animals; (3) share-cash tenants—those who pay a share of the products for part of the land rented by them and cash for part; (4) cash tenants—those who pay a cash rental, as \$7 per acre of crop land or \$500 for the use of the whole farm; (5) standing renters—those who pay a stated amount of farm products for the use of the farm, as 3 bales of cotton or 500 bushels of corn. In some cases the character of the tenancy was not ascertained by the enumerator; such tenants are designated "unspecified."

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) other unimproved land.

Improved land includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest.

The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics, therefore, must be considered at best only a close approximation.

NUMBER OF FARMS, ACREAGE, AND VALUE.

TABLE 2.—NUMBER OF FARMS AND FARM ACREAGE: 1850 TO 1920.

CENSUS YEAR.	FARMS.		LAND IN FARMS.				Per cent of land area in farms.	Per cent of farm land im- proved.
	Num- ber.	Per cent of in- crease. ¹	All land.		Improved land.			
			Acres.	Per cent of in- crease. ¹	Acres.	Per cent of in- crease. ¹		
1920.....	178,478	14.3	30,221,758	9.2	21,481,710	9.4	58.4	71.1
1910.....	156,137	1.0	27,675,823	5.4	19,643,533	6.5	53.5	71.0
1900.....	154,659	32.4	26,248,498	40.6	18,442,585	65.7	50.7	70.3
1890.....	116,851	25.5	18,663,645	39.2	11,127,953	53.6	36.1	59.6
1880.....	92,386	98.7	13,403,010	106.7	7,246,693	212.1	25.9	54.1
1870.....	46,500	155.8	6,481,828	139.1	2,322,102	317.4	12.5	35.8
1860.....	18,181	.....	2,711,908	.....	556,250	.....	5.2	20.5
1850.....	137	.....	28,881	.....	5,035	.....	0.1	17.4

¹ Per cent not shown when more than 1,000.

TABLE 3.—VALUE OF FARM PROPERTY: 1850 TO 1920.

CENSUS YEAR.	ALL FARM PROPERTY.		LAND AND BUILDINGS.		IMPLEMENTS AND MACHINERY.		LIVE STOCK.	
	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹
1920.....	\$3,787,420,118	150.5	\$3,301,168,325	161.5	\$181,087,968	246.1	\$305,163,825	88.8
1910.....	1,470,411,737	87.2	1,262,411,427	88.6	82,320,165	73.9	161,641,146	81.5
1900.....	788,684,642	90.2	669,522,315	90.9	30,069,230	77.9	89,063,097	54.3
1890.....	414,701,620	73.7	340,950,470	75.5	10,916,477	29.2	57,725,688	50.9
1880.....	238,718,864	130.3	193,724,260	147.5	13,059,781	143.4	31,904,821	98.2
1870.....	99,749,922	210.1	78,277,954	184.6	5,376,593	428.1	10,005,077	341.8
1860.....	32,166,946	.....	27,505,622	.....	1,018,181	.....	3,642,841	.....
1850.....	270,788	.....	161,948	.....	15,981	.....	92,856	.....

¹ Per cent not shown when more than 1,000.

² Computed gold values, being 80 per cent of the currency values reported.

TABLE 4.—AVERAGE ACREAGE AND AVERAGE VALUE PER FARM: 1850 TO 1920.

[Averages are based on "all farms" in the state.]

CENSUS YEAR.	AVERAGE ACREAGE PER FARM.		AVERAGE VALUE PER FARM.			
	All land.	Improved land.	All farm property.	Land and buildings.	Implements and machinery.	Live stock.
1920.....	169.3	120.4	\$21,221	\$18,496	\$1,015	\$1,710
1910.....	177.3	125.8	9,456	8,085	335	1,035
1900.....	169.7	110.2	5,100	4,329	195	576
1890.....	159.7	95.2	3,549	2,919	145	494
1880.....	145.1	78.4	2,584	2,097	142	345
1870.....	139.4	49.9	2,145	1,683	116	346
1860.....	149.2	30.6	1,769	1,513	56	200
1850.....	183.9	32.1	1,725	1,032	102	591

¹ Computed gold values, being 80 per cent of the currency values reported.

TABLE 5.—AVERAGE VALUE PER ACRE: 1850 TO 1920.

[Averages are based on "all land in farms" in the state.]

CENSUS YEAR.	All farm property.	Land and buildings.	Land alone.	Buildings alone.	Implements and machinery.	Live stock.
1920.....	\$125.32	\$109.23	\$91.00	\$18.23	\$5.99	\$10.10
1910.....	53.35	45.62	36.82	8.79	1.89	5.84
1900.....	39.05	25.51	21.31	4.20	1.15	3.39
1890.....	22.22	18.22	.....	.....	0.91	3.09
1880.....	17.81	14.45	.....	.....	0.98	2.38
1870.....	15.38	12.07	.....	.....	0.83	2.48
1860.....	11.89	10.14	.....	.....	0.38	1.34
1850.....	9.38	5.61	.....	.....	0.55	3.22

¹ Computed gold values, being 80 per cent of the currency values reported.

FARMS BY SIZE.

TABLE 6.—NUMBER OF FARMS, BY SIZE: 1920 AND 1910.

SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Num-ber.	Per cent.	1920	1910
Total	178,478	156,137	22,341	14.3	100.0	100.0
Under 20 acres.....	6,160	5,619	541	9.6	3.5	3.6
Under 3 acres.....	340	294	46	15.6	0.2	0.2
3 to 9 acres.....	2,800	2,555	245	9.6	1.6	1.6
10 to 19 acres.....	3,020	2,770	250	9.0	1.7	1.8
20 to 49 acres.....	14,111	12,028	2,083	17.3	7.9	7.7
50 to 99 acres.....	32,743	26,571	6,172	23.2	18.3	17.0
100 to 174 acres.....	65,793	55,424	10,369	18.7	36.9	35.5
175 to 499 acres.....	56,353	52,836	3,517	6.7	31.6	33.8
175 to 259 acres.....	31,108	27,972	3,136	11.2	17.4	17.9
260 to 499 acres.....	25,245	24,864	381	1.5	14.1	15.9
500 to 999 acres.....	3,046	3,359	-313	-9.3	1.7	2.2
1,000 acres and over.....	272	300	-28	-9.3	0.2	0.2

¹ A minus sign (-) denotes decrease.

TABLE 7.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY SIZE: 1880 TO 1920.

SIZE GROUP.	1920	1910	1900	1890	1880
Total number of farms	178,478	156,137	154,659	116,851	92,386
Under 10 acres.....	3,140	2,849	2,549	812	640
10 to 19 acres.....	3,020	2,770	2,254	1,210	952
20 to 49 acres.....	14,111	12,028	13,278	9,742	8,003
50 to 99 acres.....	32,743	26,571	30,990	23,163	25,530
100 to 174 acres.....	122,146	108,290	102,258	77,048	56,375
500 to 999 acres.....	3,046	3,359	2,965	1,594	741
1,000 acres and over.....	272	300	365	282	145
Per cent of all farms	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	1.8	1.8	1.6	0.7	0.7
10 to 19 acres.....	1.7	1.8	1.5	1.0	1.0
20 to 49 acres.....	7.9	7.7	8.6	8.3	8.7
50 to 99 acres.....	18.3	17.0	20.0	22.4	27.6
100 to 174 acres.....	68.4	69.3	66.1	65.9	61.0
500 to 999 acres.....	1.7	2.2	1.9	1.4	0.8
1,000 acres and over.....	0.2	0.2	0.2	0.2	0.2

TABLE 8.—FARM ACREAGE AND VALUE, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total	30,221,758	27,675,823	21,481,710	19,643,533	\$3,301,168,325	\$1,262,441,426
Under 20.....	54,918	49,878	42,061	39,373	25,993,609	14,224,838
20 to 49.....	520,468	435,903	289,773	244,221	64,661,334	28,966,718
50 to 99.....	2,539,514	2,055,944	1,559,948	1,258,358	286,331,943	106,823,204
100 to 174.....	9,502,408	8,031,778	6,489,189	5,245,521	1,063,975,693	355,727,207
175 to 499.....	15,279,791	14,615,821	11,393,210	10,910,810	1,668,275,582	653,616,766
500 to 999.....	1,916,546	2,118,081	1,433,302	1,617,491	183,622,738	85,672,938
1,000 and over.....	408,114	468,358	274,227	327,759	28,307,426	17,409,755

TABLE 9.—PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910
Total	71.1	71.0	\$18,496	\$8,085	\$109.23	\$45.62
Under 20 acres.....	76.6	78.9	4,220	2,532	473.32	285.19
20 to 49 acres.....	55.7	4.582	2,408	124.24	66.44	66.44
50 to 99 acres.....	61.4	61.2	8,745	4,020	112.75	51.96
100 to 174 acres.....	68.3	65.3	16,172	6,418	111.97	44.29
175 to 499 acres.....	74.6	75.2	29,604	12,371	109.18	45.03
500 to 999 acres.....	74.8	76.4	53,717	25,505	85.27	40.45
1,000 acres and over.....	67.2	70.0	104,071	58,033	69.35	37.17

FARMS BY TENURE.

TABLE 10.—NUMBER OF FARMS, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
	1920	1910	Num-ber.	Per cent.	1920	1910
Total	178,478	156,137	22,341	14.3	100.0	100.0
Owners	132,744	122,104	10,640	8.7	74.4	78.2
Owning entire farm.....	112,880	99,493	13,387	13.5	63.2	63.7
Hiring additional land.....	19,864	22,611	-2,747	-12.1	11.1	14.5
Managers	1,596	1,223	374	30.6	0.9	0.8
Tenants	44,138	32,811	11,327	34.5	24.7	21.0
Share tenants.....	18,976	18,471	505	2.7	10.6	11.8
Share-cash tenants.....	8,375	3,774	4,601	121.9	4.7	2.4
Cash tenants.....	15,251	7,018	8,233	92.6	8.5	5.1
Unspecified.....	1,536	2,648	-1,112	-42.0	0.9	1.7

¹ A minus sign (-) denotes decrease.

TABLE 11.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY TENURE: 1880 TO 1920.

TENURE.	1920	1910	1900	1890	1880
Total number of farms	178,478	156,137	154,659	116,851	92,386
Farms operated by owners	132,744	122,104	126,800	101,747	83,583
Owning entire farm.....	112,880	99,493	112,004	(2)	(2)
Hiring additional land.....	19,864	22,611	14,805	(2)	(2)
Farms operated by managers	1,596	1,223	1,095	(2)	(2)
Farms operated by tenants	44,138	32,811	26,755	15,104	8,453
Share tenants.....	18,976	18,471	21,626	11,683	7,202
Share-cash tenants.....	8,375	3,774	5,129	3,421	1,251
Cash tenants.....	15,251	7,018			
Unspecified.....	1,536	2,648			
Per cent of all farms	100.0	100.0	100.0	100.0	100.0
Operated by owners	74.4	78.2	82.0	87.1	90.9
Owning entire farm.....	63.2	63.7	72.4	(2)	(2)
Hiring additional land.....	11.1	14.5	9.6	(2)	(2)
Operated by managers	0.9	0.8	0.7	(2)	(2)
Operated by tenants	24.7	21.0	17.3	12.9	9.1
Share and share-cash.....	15.3	14.2	14.0	10.0	7.8
Cash and unspecified.....	9.4	6.8	3.3	2.9	1.4

¹ Includes farms operated by managers.² Not reported separately.³ Included with farms operated by owners.

TABLE 12.—FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total	30,221,758	27,675,823	21,481,710	19,643,533	\$3,301,168,325	\$1,262,441,426
Owners	21,014,164	20,668,885	14,254,641	14,153,505	\$2,191,751,054	\$20,350,347
Managers	443,089	413,734	283,869	285,241	\$60,234,658	\$20,809,251
Tenants	8,764,505	6,593,204	6,943,200	5,204,787	\$1,059,182,613	\$321,172,828

TABLE 13.—PER CENT DISTRIBUTION OF FARMS AND OF FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

TENURE.	NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners	74.4	78.2	69.5	74.7	66.4	72.1	66.4	72.9
Managers	0.9	0.8	1.5	1.5	1.3	1.5	1.5	1.7
Tenants	24.7	21.0	29.0	23.8	32.3	26.5	32.1	25.4

TABLE 14.—AVERAGE ACREAGE, PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY TENURE: 1920 AND 1910.

TENURE.	AVERAGE ACREAGE PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.				Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	169.3	177.3	120.4	125.8	71.1	71.0	\$18,496	\$8,085	\$103.23	\$45.62
Owners.....	158.3	169.3	107.4	115.9	67.8	68.5	16,511	7,538	104.30	44.53
Managers.....	277.6	338.6	177.9	233.4	64.1	68.9	31,475	17,111	113.37	50.54
Tenants.....	198.6	200.9	157.3	158.6	79.2	78.9	23,997	9,789	120.85	48.71

FARMS BY SEX, RACE, AND NATIVITY OF FARMER.

TABLE 15.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY SEX AND TENURE OF FARMER: 1920.

SEX AND TENURE.	Number of farms.	All land in farms (acres).	Improved land in farms (acres).	Value of land and buildings.	AVERAGE PER FARM.		
					All land (acres).	Improved land (acres).	Value of land and buildings.
Total.....	178,478	30,221,758	21,481,710	\$3,301,168,325	169.3	120.4	\$18,496
Male.....	172,897	29,374,213	20,897,095	3,211,148,631	169.9	120.9	18,573
Female.....	5,581	847,545	584,615	90,019,694	151.9	104.8	16,130
Owners.....	132,744	21,014,104	14,254,641	2,191,751,054	158.3	107.4	16,511
Male.....	127,554	20,234,055	13,718,794	2,108,943,447	158.6	107.6	16,534
Female.....	5,190	779,203	535,847	82,807,607	150.1	103.2	15,955
Managers.....	1,596	443,089	283,869	50,234,658	277.6	177.9	31,475
Male.....	1,585	442,095	283,186	50,109,538	278.9	178.7	31,615
Female.....	11	994	683	125,120	90.4	62.1	11,375
Tenants.....	44,138	8,764,505	6,943,200	1,059,182,613	198.6	157.3	23,997
Male.....	43,758	8,697,163	6,896,115	1,052,035,676	198.8	157.6	24,004
Female.....	380	67,342	48,085	7,086,937	177.2	126.5	18,650

TABLE 16.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY NATIVITY OF WHITE FARMERS AND BY RACE OF COLORED FARMERS: 1920 AND 1910.

COLOR AND NATIVITY OR RACE.	NUMBER OF FARMS.		LAND IN FARMS, 1920 (ACRES).		Value of land and buildings, 1920
	1920	1910	Total.	Improved.	
All farmers.....	178,478	156,137	30,221,758	21,481,710	\$3,301,168,325
White farmers.....	178,271	155,844	30,201,479	21,474,368	3,300,302,223
Native ¹	110,900	74,710	19,362,288	14,212,197	2,236,034,189
Foreign-born.....	67,305	81,134	10,839,191	7,262,169	1,063,068,034
Country of birth:					
Austria.....	2,246	3,385	334,023	213,625	31,274,511
Canada.....	2,527	3,583	459,359	303,884	40,423,521
Denmark.....	3,126	3,432	474,032	346,781	58,404,114
England.....	665	944	110,105	77,847	12,649,050
Finland.....	4,703	(9)	480,152	171,802	23,207,380
Germany.....	14,731	22,011	2,621,023	1,819,510	304,625,472
Holland.....	1,610	783	291,061	226,674	43,044,395
Ireland.....	634	1,556	128,552	97,089	14,044,989
Norway.....	14,925	19,206	2,691,753	1,846,602	237,794,295
Poland.....	1,389	1,161	206,483	120,660	15,042,876
Russia.....	671	700	116,777	85,277	13,004,791
Sweden.....	10,934	19,700	2,414,803	1,491,989	213,184,355
Switzerland.....	433	499	79,155	50,386	8,952,109
Other countries.....	2,724	4,114	431,223	301,763	49,155,376
Colored farmers.....	207	293	20,270	7,344	866,102
Negro.....	33	29	2,357	1,143	134,670
Indian.....	174	264	17,922	6,201	731,432

¹ Includes farmers with country of birth not reported, as follows: For 1920, 2,924; for 1910, 182.

² Included with "other countries."

TABLE 17.—NUMBER OF FARMERS, CLASSIFIED BY TENURE, COLOR, AND NATIVITY: 1920 AND 1910.

TENURE.	ALL FARMERS.		NATIVE WHITE. ¹		FOREIGN-BORN WHITE.		COLORED.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	178,478	156,137	110,900	74,710	67,305	81,134	207	293
Owners.....	132,744	122,104	74,871	52,427	57,696	69,483	177	194
Managers.....	1,596	1,222	1,227	837	368	383	1	2
Tenants.....	44,138	32,811	34,802	21,446	9,241	11,268	29	97

¹ Includes farmers with country of birth not reported.

FARM MORTGAGES.

TABLE 18.—MORTGAGED FARMS: 1920 AND 1910.

[Owned farms only; includes all farms owned in whole or in part by the operator.]

CLASS.	NUMBER OF OWNED FARMS.		INCREASE. ¹		PER CENT OF TOTAL. ²	
	1920	1910	Number.	Per cent.	1920	1910
Total.....	132,744	122,104	10,640	8.7	100.0	100.0
Free from mortgage.....	54,086	65,038	-10,952	-16.8	43.7	53.7
Mortgaged.....	69,545	56,145	13,400	23.9	56.3	46.3
Unknown.....	9,113	921	8,192	889.5	.....	.....

¹ A minus sign (—) denotes decrease. The comparative figures shown for farms free from mortgage and mortgaged are affected somewhat by the fact that more farms were tabulated as "unknown" in 1920 than in 1910.

² Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 19.—MORTGAGED FARMS (OR FARM HOMES): 1890 TO 1920.

CLASS.	OWNED FARMS.		OWNED FARM HOMES.		PER CENT OF TOTAL. ¹			
	1920	1910	1900	1890	1920	1910	1900	1890
Total.....	132,744	122,104	125,405	99,911	100.0	100.0	100.0	100.0
Free from mortgage.....	54,086	65,038	66,922	53,564	43.7	53.7	55.2	53.6
Mortgaged.....	69,545	56,145	54,338	46,347	56.3	46.3	44.8	46.4
Unknown.....	9,113	921	4,145	.....	.....	.....	.....	.....

¹ Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 20.—MORTGAGE DEBT: 1920 AND 1910.

ITEM.	OWNED FARMS MORTGAGED. ¹		INCREASE.	
	1920	1910	Amount.	Per cent.
Number of farms reporting amount of debt.....	57,585	41,775	15,810	37.8
Value of land and buildings.....	\$925,903,060	\$296,015,775	\$630,947,285	213.9
Amount of mortgage debt.....	\$294,476,222	\$77,806,283	\$176,608,939	226.8
Ratio of debt to value, per cent.....	27.5	26.4	.....	.....
Average rate of interest paid, per cent.....	5.5	.....	.....	.....
Average value per farm.....	\$16,080	\$7,062	\$9,018	127.7
Average debt per farm.....	\$4,419	\$1,864	\$2,555	137.1
Average equity per farm.....	\$11,661	\$5,198	\$6,463	124.3

¹ Includes only farms consisting wholly of owned land and reporting amount of debt. In considering the comparative figures it should be borne in mind that the mortgage debt may have been more completely reported at one census than at the other.

FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED.

TABLE 21.—FARMS REPORTING EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	NUMBER OF FARMS REPORTING.		INCREASE.		PER CENT OF ALL FARMS.	
	1919	1909	Number.	Per cent.	1919	1909
Labor.....	111,697	94,934	16,763	17.7	62.6	60.8
Fertilizer.....	3,031	1,436	1,595	111.1	1.7	0.9
Feed.....	100,530	58,551	41,979	71.7	56.3	37.5

TABLE 22.—AMOUNT OF EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	AMOUNT EXPENDED.		INCREASE.	
	1919	1909	Amount.	Per cent.
Labor, total.....	\$49,811,218	\$22,330,149	\$27,481,069	123.1
Amount in cash.....	33,450,774	16,673,777	19,776,997	118.6
Value of rent and board furnished.....	13,360,444	5,656,372	7,704,072	136.2
Fertilizer.....	432,680	74,653	358,027	479.0
Feed.....	22,940,650	5,041,925	17,898,725	355.0

LIVE STOCK ON FARMS AND ELSEWHERE.

(DOMESTIC ANIMALS, POULTRY, AND BEES.)

Domestic animals: 1920 and 1910.—The census of 1920 was taken as of January 1 and that of 1910 as of April 15. Since a great many domestic animals are born during the period between January 1 and April 15 and, on the other hand, a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not fully comparable. In addition to the change in the date of enumeration, there have been certain changes in the age and sex classifications. The 1910 figures presented in this bulletin are therefore restricted to those classes of domestic animals which are least affected by these changes and for which the figures are fairly comparable with the 1920 returns.

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

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

In states where cattle are raised extensively for beef production the result of this new classification will be to reduce materially the proportion of cows classified as dairy cows, and even in states having few strictly beef cattle the 1920 classification may be expected to give a somewhat smaller proportion of dairy cows than the 1910 classification.

In Minnesota the number of "dairy cows," including heifers 1 year old and over, reported for January 1, 1920, was 1,532,458, as compared with 1,085,388 "cows kept for milk" reported for April 15, 1910. This represents an increase of 447,070, or 41.2 per cent. The number of "beef cows" reported for January 1, 1920, was 364,600, as compared with 218,948 "cows not kept for milk" re-

ported for April 15, 1910, representing an increase of 145,652, or 66.5 per cent. The percentage of increase shown for dairy cows would doubtless have been even larger, except for the change in classification mentioned above, and the percentage of increase shown for beef cows correspondingly smaller.

Farms reporting domestic animals: 1910.—Horses were reported by 142,846 farms in Minnesota in 1910, mules by 2,813 farms, cattle by 146,703, sheep by 24,565, and swine by 108,609. In comparing these figures with the 1920 figures given in the table below, due allowance should be made for the fact that the total number of farms in Minnesota increased from 156,137 in 1910 to 178,478 in 1920.

TABLE 23.—DOMESTIC ANIMALS ON FARMS: 1920.

CLASS.	FARMS REPORTING.		ANIMALS.		
	Num-ber.	Per cent. of all farms.	Num-ber.	Value.	Average value.
Total.....	173,034	96.9	.....	\$298,373,818	.....
Horses, total.....	167,344	93.8	932,704	83,027,777	\$89.61
Colts under 1 year of age.....	33,730	18.9	46,587	1,611,883	34.60
Colts 1 year old and under 2 years.....	41,638	23.3	60,272	3,208,237	53.23
Mares 2 years old and over.....	147,811	82.8	432,615	41,970,005	95.65
Geldings 2 years old and over.....	145,525	81.5	389,347	35,830,369	92.65
Stallions 2 years old and over.....	3,180	1.8	3,973	988,923	248.76
Mules, total.....	5,014	2.8	10,238	1,092,973	103.83
Mule colts under 1 year of age.....	732	0.4	1,055	64,741	51.89
Mule colts 1 year old and under 2 years.....	601	0.3	1,030	83,000	80.60
Mules 2 years old and over.....	3,735	2.1	8,153	925,232	113.45
Asses and burros.....	156	0.1	201	26,794	133.30
Cattle, total.....	168,286	94.3	1,021,469	151,243,703	50.06
Beef cattle, total.....	68,379	38.3	940,842	42,804,768	45.60
Calves under 1 year of age.....	30,316	22.0	248,419	4,775,066	19.23
Heifers 1 year old and under 2 years.....	21,581	13.8	112,417	3,910,497	34.79
Cows and heifers 2 years old and over.....	23,701	15.0	252,183	10,074,201	66.12
Steers 1 year old and under 2 years.....	39,100	21.9	182,242	6,751,472	37.05
Steers 2 years old and over.....	19,542	10.0	125,620	8,131,150	67.41
Bulls 1 year old and over.....	21,612	12.1	25,061	2,631,422	102.21
Dairy cattle, total.....	140,889	82.3	2,080,627	108,438,935	52.12
Calves under 1 year of age.....	100,048	61.1	479,210	8,406,455	17.67
Heifers 1 year old and under 2 years.....	63,760	52.5	303,279	10,435,873	34.41
Cows and heifers 2 years old and over.....	144,048	81.2	1,223,179	83,888,246	68.25
Bulls 1 year old and over.....	63,365	35.5	68,959	5,649,361	81.92
Sheep, total.....	24,238	13.6	509,064	5,748,513	11.29
Lambs under 1 year of age.....	14,308	8.1	136,085	1,238,005	9.06
Ewes 1 year old and over.....	22,677	12.4	351,691	4,173,216	11.87
Rams 1 year old and over.....	9,803	5.5	14,073	240,600	18.90
Wethers 1 year old and over.....	1,076	0.6	6,615	70,388	10.64
Goats, total.....	690	0.4	2,745	18,180	6.62
Kids under 1 year of age, raised for fleeces.....	106	0.1	202	1,558	5.34
Goats 1 year old and over, raised for fleeces.....	214	0.1	758	6,106	8.06
All other goats.....	508	0.3	1,695	10,516	6.20
Swine, total.....	144,411	80.9	2,380,862	52,245,873	21.94
Pigs under 6 months old.....	56,697	31.8	627,745	6,324,023	10.07
Sows and gilts for breeding, 6 months old and over.....	108,865	61.0	617,538	18,570,917	30.08
Bears for breeding, 6 months old and over.....	43,279	24.2	52,436	2,136,561	40.75
All other hogs, 6 months old and over.....	81,276	45.5	1,083,143	25,208,372	23.27

TABLE 24.—POULTRY AND BEES ON FARMS: 1920 AND 1910.

ITEM.	FARMS REPORTING, 1920.		NUMBER REPORTED. ¹		Value, 1920	Average value, 1920
	Num-ber.	Per cent of all farms.	1920 (Jan. 1)	1910 (Apr. 15)		
Poultry, total.....	164,507	92.2	13,663,443	² 10,697,075	\$11,405,427	\$0.83
Chickens.....	163,818	91.8	13,212,619	10,293,843	10,456,950	0.79
Turkeys.....	23,789	13.3	142,896	147,335	441,322	3.00
Ducks.....	26,087	14.6	122,579	94,209	148,426	1.21
Geese.....	34,237	19.2	146,906	105,161	344,523	2.35
Guinea fowls.....	2,393	1.3	10,503	10,927	7,147	0.68
Pigeons.....	1,775	1.0	27,940	45,266	7,059	0.25
Hives of bees.....	9,665	5.4	67,344	56,677	384,580	5.71

¹The numbers of the different classes of poultry are not strictly comparable for the two censuses, since a considerable number of fowls are killed between Jan. 1 and Apr. 15.
² Includes small numbers of peafowls and pheasants.

TABLE 25.—SELECTED CLASSES OF DOMESTIC ANIMALS ON FARMS: 1920 AND 1910.

CLASS.	NUMBER.		INCREASE. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	Num-ber.	Per cent.
Horses:				
Total, excluding spring colts reported for 1910.....	932,794	738,578	194,216	26.3
Colts under 1 year old on Jan. 1 of census year.....	46,587	63,069	-16,482	-26.1
Horses 1 year old and over on Jan. 1 of census year.....	886,207	675,509	210,698	31.2
Mules:				
Total, excluding spring colts reported for 1910.....	10,238	5,657	4,581	81.0
Mule colts under 1 year old on Jan. 1 of census year.....	1,055	444	611	137.6
Mules 1 year old and over on Jan. 1 of census year.....	9,183	5,213	3,970	76.2
Cattle:				
Total, excluding spring calves reported for 1910.....	3,021,469	1,973,898	1,047,571	53.1
Calves under 1 year old on Jan. 1 of census year.....	727,629	531,517	196,012	36.9
Cows and heifers 1 year old and over on Jan. 1 of census year.....	1,897,058	1,304,336	592,722	45.4
Steers and bulls 1 year old and over on Jan. 1 of census year.....	390,882	138,045	252,837	187.5
Sheep:				
Total, excluding spring lambs reported for 1910.....	509,064	452,071	56,993	12.6

¹ A minus sign (—) denotes decrease

TABLE 26.—DOMESTIC ANIMALS NOT ON FARMS: 1920 AND 1910.

CLASS.	INCLOSURES REPORTING.		ANIMALS.			
	1920 (Jan. 1)	1910 (Apr. 15)	Number.		Num-ber.	Per cent.
			1920 (Jan. 1)	1910 (Apr. 15)		
Total.....	36,801	50,412	.....	.....	.....	.....
Horses.						
Horses 1 year old and over on Jan. 1 of census year.....	20,641	33,212	53,746	83,664	-29,908	-32.2
Mules.....	449	301	55,384	82,340	-26,956	-32.1
Mules 1 year old and over on Jan. 1 of census year.....	.....	.....	1,306	1,017	289	28.4
Asses and burros.....	35	68	1,270	977	293	30.0
Cattle.						
Cattle 1 year old and over on Jan. 1 of census year.....	24,008	20,673	51	100	-49	-49.0
Sheep.....	433	216	55,386	53,946	2,040	3.8
Goats.....	122	176	48,886	43,739	5,147	11.8
Swine.....	7,508	2,490	6,973	2,162	4,811	222.5
			306	373	-67	-18.0
			33,339	10,365	22,974	221.6

¹ A minus sign (—) denotes decrease.

TABLE 27.—TOTAL NUMBER OF DOMESTIC ANIMALS: 1920.

CLASS.	Total.	On farms.	Not on farms.
Horses.....	989,540	932,794	56,746
Horses 2 years old and over.....	880,649	825,935	54,714
Mules.....	11,544	10,238	1,306
Mules 2 years old and over.....	9,347	8,153	1,194
Asses and burros.....	252	201	51
Cattle.....	3,977,455	3,021,469	55,986
Beef cattle.....	959,859	940,842	19,017
Dairy cattle.....	2,124,596	2,080,627	43,969
Dairy cows.....	1,265,364	1,223,179	36,185
Sheep.....	516,037	509,064	6,973
Goats.....	3,051	2,745	306
Swine.....	2,414,291	2,380,802	33,339

LIVE-STOCK PRODUCTS.

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

Dairy products.—It is difficult to secure reports of the total quantity of milk produced during a given year, especially from farmers who keep cows chiefly to supply milk and butter for family use. Since such farmers usually keep no records, they are able to make only rough estimates of the milk production, and frequently underestimate the quantity of milk produced for home use. Many farmers, too, either because they are unwilling to make any estimates or for other reasons, fail to report their milk production, even though they report butter or other dairy products as well as dairy cows.

For several decades past the Bureau of the Census has made estimates for such incomplete reports, where the farmer reported "cows kept for milk" but failed to report the amount of milk produced, these estimates being based on the average production per cow as shown by the complete reports. Since farmers with first-class dairy herds and up-to-date methods are more likely to make complete reports than those with cows of a lower grade, the estimates obtained

in this way have probably been somewhat above the actual production. With the new basis of classification for dairy cows in use for 1920, however, as already noted, the estimates should be more satisfactory than heretofore, since milk will be estimated only for cows kept mainly for milk production.

In the table which follows, both the actual reported quantity of milk produced and the estimated total are given. The latter includes, in addition to the milk reported, an estimate of the amount of milk produced on farms which reported dairy cows but failed to report any milk. A certain quantity of milk, on the other hand, was reported from farms which reported no dairy cows. This is included in the total and may represent either milk produced by beef cows milked a part of the year on farms having no dairy cows or milk produced on farms which kept dairy cows some time during the year 1919 but had none on January 1, 1920. It may be safely assumed that the returns for butter and cheese made on farms and for milk, cream, butter fat, and butter sold are much more nearly complete than in the case of milk produced. Hence no estimates have been made for these items.

TABLE 28.—DAIRY COWS ON FARMS, 1920; AND DAIRY PRODUCTS, 1919 AND 1909.

ITEM.	FARMS REPORTING.		Number or quantity.	Unit.	Value.
	Num-ber.	Per cent of all farms.			
Dairy cows on farms Jan. 1, 1920, total.....	144,948	81.2	1,229,179	Head.	.....
On farms reporting milk produced.....	115,805	64.9	982,599	Head.	.....
On farms not reporting milk produced.....	29,143	16.3	246,580	Head.	.....
Average production of milk per dairy cow, 1919 ¹.....	.....	.....	354	Gals.	.....
Specified dairy products:					
Milk, as reported.....1919.....	.....	.....	388,217,309	Gals.	.....
Total production of milk, including estimates.....1919.....	.....	.....	475,506,689	Gals.	.....
.....1909.....	.....	.....	400,191,276	Gals.	.....
Increase, 1909-1919.....	.....	.....	66,315,413	Gals.	.....
Per cent of increase.....	.....	.....	16.2		.....
Butter made.....1919.....	92,887	52.0	20,205,076	Lbs.	\$10,345,233
.....1909.....	85,001	54.4	34,708,669	Lbs.	\$8,583,233
Cheese made.....1919.....	571	0.3	71,820	Lbs.	\$27,209
.....1909.....	354	0.2	100,075	Lbs.	\$14,375
Milk sold.....1919.....	12,955	7.3	43,151,896	Gals.	\$11,583,626
.....1909.....	15,632	10.0	53,181,785	Gals.	\$8,146,512
Cream sold.....1919.....	19,488	10.9	5,888,538	Gals.	\$7,380,909
.....1909.....	17,101	11.0	5,756,165	Gals.	\$8,542,903
Butter fat sold.....1919.....	103,050	57.7	82,412,061	Lbs.	\$48,533,294
.....1909.....	48,658	31.2	40,414,151	Lbs.	\$10,922,293
Butter sold.....1919.....	24,168	13.5	4,392,185	Lbs.	\$2,270,269
.....1909.....	43,577	27.9	18,016,409	Lbs.	\$4,591,554
Value of milk, cream, and butter fat sold, and of butter and cheese made ².....1919.....	.....	.....	.....	.....	\$77,870,353
.....1909.....	.....	.....	.....	.....	\$29,219,403
Increase, 1909-1919.....	.....	.....	.....	.....	\$48,650,950
Per cent of increase.....	.....	.....	.....	.....	160.5
Receipts from sale of dairy products ³.....1919.....	.....	.....	.....	.....	\$69,708,098
.....1909.....	.....	.....	.....	.....	\$25,214,222
Increase, 1909-1919.....	.....	.....	.....	.....	\$44,553,876
Per cent of increase.....	.....	.....	.....	.....	176.7

¹ Based on the 1919 milk production as reported for dairy cows, and the number of dairy cows on hand Jan. 1, 1920.

² This item represents the total farm value of dairy products, excluding milk and cream consumed as such on the farm where produced.

³ Figures for 1919 do not include "cheese sold," as that item was not reported for 1919. The value of cheese sold in 1909 was \$10,800.

TABLE 29.—SHEEP ON FARMS, 1920 AND 1910; GOATS ON FARMS, 1920; AND WOOL AND MOHAIR PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Number of sheep (or goats) on hand.	WOOL (OR MOHAIR) PRODUCED.		
			Number of animals shorn.	Weight (pounds).	Value.
Sheep on farms Jan. 1, 1920, total.....	24,238	509,064	.....	.....	.....
On farms reporting wool.....	17,456	400,022	.....	.....	.....
On farms not reporting wool.....	6,782	109,042	.....	.....	.....
Sheep of shearing age ¹ on farms Apr. 15, 1910.....	24,482	452,071	.....	.....	.....
Wool produced, as reported, total.....1919.....	17,947	.....	339,834	2,488,907	\$1,270,908
On farms reporting sheep.....	17,456	.....	326,793	2,398,977	\$1,234,237
On farms not reporting sheep.....	491	.....	13,041	89,930	\$45,671
Total production of wool, including estimates.....1919.....	.....	.....	.....	3,054,384	\$1,557,736
.....1909.....	.....	.....	.....	3,259,282	\$816,806
Increase, 1909-1919 ².....	.....	.....	.....	-204,898	\$740,870
Per cent of increase ².....	.....	.....	.....	-6.3	90.7
Goats raised for fleeces, on farms Jan. 1, 1920.....	241	1,050	.....	.....	.....
Mohair produced, as reported, total.....1919.....	188	.....	879	2,956	\$1,520
.....1909.....	131	.....	.....	6,920	\$1,987

¹ Sheep born before Jan. 1, 1910.

² A minus sign (-) denotes decrease.

TABLE 30.—CHICKENS (OR FOWLS) ON FARMS, 1920 AND 1910; AND POULTRY PRODUCTS, 1919 AND 1909.

[The products shown for 1919 include chicken eggs and chickens only, while the 1909 figures include the products of all kinds of poultry.]

ITEM.	FARMS REPORTING.		Number or quantity.	Value.
	Num-ber.	Per cent of all farms.		
Chickens on farms Jan. 1, 1920, total.....	163,818	91.8	Number.	.....
On farms reporting eggs produced.....	149,760	85.9	13,212,619	.....
On farms reporting chickens raised.....	133,174	74.0	12,316,792	.....
Fowls on farms Apr. 15, 1910.....	142,659	91.4	11,440,888	.....
Eggs produced, as reported.....1919.....	.....	.....	Dozens.	.....
Total production of eggs, including estimates.....1919.....	150,854	84.5	50,420,490	\$20,373,724
.....1909.....	.....	.....	60,240,543	21,680,835
Eggs sold, as reported.....1919.....	134,608	75.4	53,807,974	9,767,410
.....1909.....	116,514	74.6	37,639,809	13,531,653
Chickens raised, as reported.....1919.....	134,052	75.1	34,347,776	6,212,270
Total chickens raised, including estimates.....1919.....	.....	.....	Number.	.....
.....1909.....	.....	.....	13,149,873	10,318,502
Chickens sold, as reported.....1919.....	.....	.....	15,062,386	11,748,661
.....1909.....	.....	.....	11,862,787	4,714,919
Chickens sold, as reported.....1919.....	92,269	51.7	5,022,749	3,975,196
.....1909.....	78,699	50.4	3,704,433	1,796,502

TABLE 31.—BEES ON FARMS, 1920 AND 1910; AND HONEY AND WAX PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Hives of bees.	PRODUCT.	
			Quantity (pounds).	Value.
Bees on farms Jan. 1, 1920, total.....	9,665	67,344	.....	.....
On farms reporting honey.....	6,456	52,607	.....	.....
On farms not reporting honey.....	3,209	14,737	.....	.....
Bees on farms Apr. 15, 1910.....	9,522	56,677	.....	.....
Honey produced.....1919.....	6,520	.....	1,251,102	\$362,821
.....1909.....	5,852	.....	976,262	120,560
Wax produced.....1919.....	.....	.....	15,470	6,034
.....1909.....	.....	.....	16,880	4,057

CROPS.

Summary: 1919 and 1909.—This section summarizes the census data relative to all of the farm crops of 1919 and 1909, except that it does not include nursery or greenhouse products or forest products of farms. Data for these items will be tabulated later.

In comparing one year with another it should be borne in mind that the acreage of crops (or the number

of fruit trees) and the number of farms reporting are on the whole a better index of the general changes or tendencies in agriculture than either the quantity or the value of the crops, since variations in quantity may be due mainly to favorable or unfavorable seasons, and variations in the value of the crops may result largely from changes in prices between one census year and the next.

TABLE 32.—SUMMARY FOR ALL CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.				ACRES HARVESTED.			PRODUCTION.					
	Number.		Per cent of all farms.		1919	1909	Per cent of increase. ¹	Quantity.			Value.		
	1919	1909	1919	1909				Unit.	1919	1909	Per cent of increase. ¹	1919	1909
All crops.....					116,362,970	14,727,447	11.1					\$508,020,233	\$188,705,605
With acreage reports.....												489,070,789	184,365,210
With no acreage reports.....												16,949,444	2,340,410
Cereals, total ²					11,296,103	10,139,850	11.4	Bu....	239,802,305	259,148,531	-7.5	302,729,120	140,864,149
Corn.....	121,511	113,061	68.1	72.4	2,380,838	2,004,068	18.8	Bu....	84,786,096	67,897,051	24.9	110,221,931	30,510,145
Oats.....	140,870	118,602	78.9	76.0	3,429,079	2,077,268	15.2	Bu....	80,108,151	93,807,717	-5.1	66,831,124	31,023,389
Wheat, total.....	113,491	93,049	63.6	50.6	3,793,402	3,276,911	15.8	Bu....	37,616,884	57,094,412	-34.1	88,398,508	56,007,435
Winter.....	7,329	3,560	4.1	2.3	108,451	69,036	57.1	Bu....	1,364,932	1,216,695	12.2	3,207,594	1,199,810
Spring.....	113,461		63.6		3,684,951	3,207,875	14.9	Bu....	36,251,452	55,877,717	-35.1	85,190,914	54,807,625
Emmer and spelt.....	1,227	3,108	0.7	2.0	8,895	30,891	-71.2	Bu....	178,008	757,339	-76.5	249,210	338,841
Barley.....	64,877	85,881	36.4	54.9	814,381	1,573,761	-48.3	Bu....	14,849,089	34,027,773	-57.5	18,561,350	17,213,817
Rye.....	40,500	18,777	22.7	12.0	649,609	266,507	142.7	Bu....	8,302,940	4,426,028	88.9	12,962,500	2,679,987
Buckwheat.....	3,172	1,516	1.8	1.0	20,022	10,309	162.4	Bu....	321,088	144,801	122.1	406,449	89,058
Mixed crops ⁴	9,741		5.5		193,804			Bu....	4,570,897			5,037,894	
Other grains and seeds with acreage reports, total ⁵					204,231	363,964	-19.2	Bu....	2,083,337	3,355,239	-37.9	9,168,435	5,006,942
Dry edible beans.....	3,217	4,587	1.8	2.9	4,735	4,697	0.8	Bu....	50,471	62,822	-19.7	219,550	124,990
Soy beans.....	417		0.2		331			Bu....	2,909			16,013	
Dry peas.....	529	530	0.3	0.3	925	835	10.8	Bu....	10,493	14,964	-29.9	47,230	18,384
Flaxseed.....	20,458	23,010	11.5	14.7	288,240	358,429	-19.0	Bu....	2,019,464	3,277,238	-38.4	8,885,642	4,863,328
Seeds with no acreage reports, total ⁶								Bu....	545,591	945,666	-42.3	5,776,876	1,503,083
Red clover seed.....	6,930		3.9					Bu....	109,348			3,171,092	
Other clover and alfalfa seed.....	1,031		0.6					Bu....	22,266	48,029	174.0	601,182	
Timothy seed.....	8,504	10,282	4.8	6.6				Bu....	358,962	876,457	-59.0	1,860,601	1,150,126
Other grass seed.....	15							Bu....	300	809	-62.9	1,200	929
Millet seed.....	590	277	0.3	0.2				Bu....	54,715	20,371	168.6	130,801	18,856
Hay and forage, total ⁷	165,597	138,880	92.8	88.9	5,029,397	3,946,152	-0.9	Tons....	9,291,871	6,037,527	-2.4	115,665,984	26,730,292
All tame or cultivated grasses.....					1,798,946	1,815,250	-0.9	Tons....	2,815,436	2,885,957	-2.4	47,515,465	15,470,890
Timothy alone.....	37,232	45,100	20.9	28.9	514,658	780,375	-34.0	Tons....	666,023	1,101,510	-40.4	11,152,391	5,913,196
Timothy and clover mixed.....	66,111	54,047	37.0	34.6	938,045	829,600	13.1	Tons....	1,543,144	1,433,075	7.7	20,233,448	7,915,069
Clover alone.....	11,336	6,846	6.4	4.4	96,202	57,358	67.7	Tons....	173,853	106,334	63.5	2,965,601	572,799
Alfalfa.....	9,138	508	5.1	0.4	45,410	2,288		Tons....	115,827	6,314		2,594,879	44,540
Other tame grasses ⁸	16,802		9.4		201,331	145,629	40.5	Tons....	327,089	238,754	37.0	4,579,240	1,024,090
Wild, salt, or prairie grasses.....	97,622	84,552	54.7	54.2	2,228,271	1,938,064	11.9	Tons....	2,734,495	2,714,121	0.8	31,181,204	9,609,081
Small grains cut for hay.....	0,412		5.3		89,399			Tons....	105,859	31,000	272.5	1,482,026	
Annual legumes cut for hay.....	658	2,775	0.4	1.8	6,110	19,981	377.8	Tons....	0,826			167,216	
Silage crops.....	24,516		13.7		282,075			Tons....	2,200,973			16,507,318	
Corn cut for forage ⁹	61,895		36.4		614,598	121,658		Tons....	1,375,982	402,010		15,135,802	
Kafir, sorghum, etc., for forage.....	993		0.6		6,410			Tons....	16,075			210,775	
Root crops for forage.....	4,765		2.7		6,018	599	904.7	Tons....	32,425	4,349	645.6	470,178	32,468
Vegetables, total.....												68,912,550	11,044,391
Potatoes (Irish or white).....	185,611	132,492	76.0	84.9	331,930	223,092	48.4	Bu....	26,690,056	26,802,948	-0.4	57,383,621	7,685,259
Sweet potatoes and yams.....	12	15	(?)	(?)	2	(?)		Bu....	101	50		496	80
Other vegetables ¹⁰	9,683	103,400	5.4	66.3	14,652	46,021						2,223,305	3,350,062
Farm garden ¹¹	145,559		81.6									9,305,128	
Miscellaneous crops, total.....												621,755	249,522
Tobacco.....	232	180	0.1	0.1	455	150	203.3	Lbs....	517,605	173,321	198.6	98,347	20,551
Sorghum grown for sirup.....	3,617	3,661	2.0	2.3	1,974	1,070	18.2	Tons....	8,639	12,557	-32.8	183,922	80,718
Sugar beets grown for sugar.....	420	733	0.2	0.5	3,509	2,197	59.7	Tons....	25,507	23,756	7.4	255,070	116,472
Maple sugar and sirup.....	752	698	0.4	0.4								38,521	23,362
Hemp.....	20		(?)		293			Lbs....	185,119			29,288	
Ginseng.....	8	23	(?)	(?)		(?)		Lbs....	2,048	(?)		14,336	7,640
Sundry minor crops ¹²					7	13						291	776
Fruits, total.....												3,145,513	1,307,377
Small fruits.....	27,449		15.4		5,008	3,738	34.0	Qts....	6,165,120	4,476,575	37.7	1,316,594	493,406
Other fruits.....												1,828,919	813,971

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

² Excluding 614,598 acres reported for corn cut for forage, which is practically all duplicated in the acreage shown for corn harvested as grain.

³ Includes small quantities of kafir and milo (1919 and 1909) and of rough rice (1909).

⁴ Principally oats and wheat grown and harvested together.

⁵ The 1909 figures include small quantities of peanuts and broom-corn seed.

⁶ The total value for 1909 includes the value of a small quantity of flower and vegetable seeds. The entire acreage from which the grass and clover seeds were secured is believed to be included in the acreage given elsewhere for hay and forage.

⁷ Less than one-tenth of 1 per cent.

⁸ Corn cut for forage was not reported to any extent in 1909; hence no fair comparison between 1919 and 1909 can be made, either for the hay and forage totals or for the bracketed group in which corn cut for forage appears.

⁹ Includes millet and Hungarian grass.

¹⁰ Reported in small fractions.

¹¹ The 1919 figures represent vegetables raised for sale only.

¹² In 1909 the value of the farm garden was largely included in the value of "other vegetables."

¹³ Quantity not reported.

¹⁴ These crops comprise broom corn (1919 and 1909) and hops (1909).

¹⁵ Includes the value of a small quantity of nuts.

The combined acreage of crops harvested in Minnesota in 1919 for which the acreage was reported was 16,362,970, which represents 76.2 per cent of the total improved land in farms (21,481,710 acres). The total crop acreage reported for 1909 was 14,727,447, or 75 per cent of the improved land in farms (19,643,533 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage of which was not reported.

In addition to the crops regularly harvested in 1919, as shown in the tables, there were reported 70,336 acres of mature crops grazed or "hogged off."

Farm value of crops.—At the census of 1920 the farm schedule called for the value of all farm property, including live stock, and the value of live-stock products sold.

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

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

TABLE 33.—ACREAGE OF IMPORTANT CROPS: 1879 TO 1919.

CROP.	1919	1909	1899	1889	1879
Corn.....	2,380,838	2,004,068	1,441,580	901,690	438,737
Oats.....	3,429,079	2,877,258	2,201,325	1,579,258	617,469
Wheat.....	3,703,402	3,276,911	6,590,707	3,372,627	3,044,970
Barley.....	614,381	1,573,761	877,845	358,510	116,020
Rye.....	649,609	266,567	118,899	62,869	13,614
Flaxseed.....	288,240	358,426	566,801	303,635	
Hay and forage.....	5,629,397	3,946,152	3,157,690	2,709,191	1,053,378
Potatoes.....	331,930	223,692	146,659	105,880	

¹ Includes 614,598 acres in corn cut for forage. This crop was not included to any extent in the hay and forage totals prior to 1919.

TABLE 34.—PERCENTAGES AND AVERAGES FOR IMPORTANT CROPS: 1919 AND 1909.

CROP.	PER CENT OF IMPROVED LAND OCCUPIED.		AVERAGE YIELD PER ACRE.			AVERAGE VALUE PER ACRE.	
	1919	1909	Unit.	1919	1909	1919	1909
Corn.....	11.1	10.2	Bu....	35.6	33.0	\$16.30	\$15.22
Oats.....	16.0	15.2	Bu....	26.0	31.5	19.40	11.43
Wheat.....	17.7	16.7	Bu....	9.9	17.4	23.30	17.09
Barley.....	3.8	8.0	Bu....	18.2	22.2	22.79	10.91
Rye.....	3.0	1.4	Bu....	12.9	16.6	19.95	10.05
Flaxseed.....	1.3	1.8	Bu....	7.0	9.1	30.53	13.57
Hay and forage.....	23.4	20.1	Tons..	1.85	1.53	23.00	6.77
Potatoes.....	1.5	1.1	Bu....	80.4	119.8	172.88	34.36

TABLE 35.—VEGETABLES RAISED FOR SALE: 1919.

(Vegetables other than potatoes and sweet potatoes.)

CROP.	FARMS REPORTING.		Acres harvested.	Value of product.
	Number.	Per cent of all farms.		
Total.....	9,883	5.4	14,652	\$2,223,305
Asparagus.....	157	0.1	203	41,059
Beans (green).....	764	0.4	210	33,945
Cabbages.....	3,003	1.7	3,372	442,935
Cantaloupes and muskmelons.....	472	0.3	406	82,107
Carrots.....	376	0.2	117	25,431
Corn (pop).....	130	0.1	215	20,891
Corn (sweet).....	1,945	1.1	4,853	250,955
Cucumbers.....	2,105	1.2	784	134,717
Lettuce.....	357	0.2	149	57,449
Onions.....	2,400	1.3	1,734	609,385
Peas (green).....	583	0.3	448	34,223
Rutabagas.....	191	0.1	185	25,309
Squashes.....	102	0.1	171	12,797
Tomatoes.....	1,975	1.1	730	180,470
Watermelons.....	306	0.2	154	23,847
All other vegetables.....			428	133,737
Mixed vegetables.....	447	0.3	493	113,908

TABLE 36.—SUGAR CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres (or trees).	PRODUCTION.		
	Number.	Per cent of all farms.		Quantity.	Unit.	Value.
Maple sugar and sirup, total.....	1919.. 752	0.4	Trees tapped. 52,111			\$38,521
	1909.. 608	0.4	67,225			23,302
Sugar made.....	1919.. 05	(1)		3,140	Lbs..	1,195
	1909.. 05			11,399	Lbs..	1,742
Sirup made.....	1919.. 094	0.4		12,870	Gals..	37,326
	1909.. 094			17,808	Gals..	21,620
Sugar beets grown for sugar.....	1919.. 426	0.2	Acres. 3,509	25,507	Tons..	255,070
	1909.. 733	0.5	2,197	23,750	Tons..	116,472
Sorghum grown for sirup.....	1919.. 3,617	2.0	2 1,974	2 8,639	Tons..	.....
	1909.. 3,661	2.3	1,070	12,857	Tons..	.....
Sirup made.....	1919.. 145,934			2 128,227	Gals..	185,922
	1909.. 145,934			146,934	Gals..	80,711

¹ Less than one-tenth of 1 per cent.

* Figures include estimates for incomplete reports.

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TABLE 37.—SMALL FRUITS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres harvested.	PRODUCTION.	
	Number.	Per cent of all farms.		Quantity (quarts).	Value.
Total.....	27,449	15.4	5,008	6,165,120	\$1,316,594
1909.....			3,738	4,476,575	493,406
Strawberries.....	21,282	11.9	2,768	4,111,969	863,520
1909.....	9,420	6.0	1,873	2,730,099	268,772
Raspberries.....	8,692	4.9	1,554	1,616,041	348,690
1909.....	8	(¹)	(²)	106	21
Loganberries.....	4,890	3.1	1,388	1,340,469	178,689
Raspberries and loganberries.....	1,316	0.7	173	181,183	39,861
Blackberries and dewberries.....	848	0.5	145	139,741	17,696
1909.....	303	0.2	130	54,258	8,141
Cranberries.....	264	0.2	61	22,112	1,981
1909.....	3,240	1.8	247	208,863	39,679
Currents.....	3,053	2.0	200	182,825	19,783
1909.....	1,296	0.7	136	92,700	16,682
Other berries.....			71	61,320	6,485
1909.....					

¹ Less than one-tenth of 1 per cent.

² Less than 1 acre.

TABLE 38.—FRUIT TREES AND GRAPEVINES NOT OF BEARING AGE: 1920 AND 1910.

FRUIT.	FARMS REPORTING.				TREES OR VINES NOT OF BEARING AGE.	
	Number.		Per cent of all farms.		1920	1910
	1920	1910	1920	1910		
Orchard fruits, total ¹	40,398		22.6		769,346	1,787,107
Apples.....	36,689	55,340	20.6	35.4	637,187	1,571,810
Peaches.....	81	185	(²)	0.1	427	3,837
Pears.....	152	440	0.1	0.3	882	4,135
Plums and prunes.....	11,730	13,265	6.6	8.5	102,929	167,926
Cherries.....	6,021	6,160	3.4	8.9	27,921	38,309
Grapes.....	1,575	1,639	0.9	1.0	11,863	35,950

¹ The 1910 figures include apricots, quinces, and mulberries. These fruits were not called for by the 1920 schedule.

² Less than one-tenth of 1 per cent.

TABLE 39.—ORCHARD FRUITS AND GRAPES: 1919 AND 1909.

FRUIT.	FARMS REPORTING TREES OR VINES OF BEARING AGE.				NUMBER OF TREES OR VINES OF BEARING AGE.		PRODUCTION.				
	Number.		Per cent of all farms.				Quantity.			Value.	
	1920	1910	1920	1910	1920	1910	Unit.	1919	1909	1919	1909
	Orchard fruits, total ¹	77,232	59,780	43.3	38.3	1,830,568	1,644,590	Bu.....	1,055,042	1,066,659	\$1,814,785	$801,112
Apples.....	73,911	59,780	41.4	38.3	1,596,264	1,380,396	Bu.....	1,028,478	1,044,166	1,748,412	769,114
Peaches.....	84	101	(²)	0.1	800	1,571	Bu.....	370	599	944	659
Pears.....	205	284	0.1	0.2	1,626	2,792	Bu.....	235	460	540	465
Plums and prunes.....	18,452	14,914	10.3	9.6	193,668	233,736	Bu.....	24,337	19,920	51,113	27,808
Cherries.....	7,280	4,207	4.1	2.7	38,120	25,189	Bu.....	4,592	1,526	13,776	2,973
Grapes.....	2,204	2,138	1.2	1.4	36,315	61,916	Lbs...	141,278	293,805	14,134	11,021

¹ The figures for 1910 and 1909 include apricots, quinces, and mulberries. These fruits were not called for by the 1920 schedule. ² Less than one-tenth of 1 per cent.

AGRICULTURE—MINNESOTA.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

	THE STATE.	Aitkin.	Anoka.	Becker.	Beltrami.	Benton.	Big Stone.	Blue Earth.
ALL FARMS.								
1 Number of farms...1920.....	178,478	1,945	1,580	2,631	3,065	1,561	1,026	2,954
2 ".....1910.....	156,137	1,348	1,445	2,074	1,577	1,279	961	2,941
3 ".....1900.....	154,659	768	1,356	1,947	1,243	1,275	1,044	3,186
4 All farmers classified by sex, 1920:								
5 Male.....number.....	172,897	1,866	1,540	2,567	2,973	1,510	1,009	2,872
6 Female.....number.....	5,581	70	43	64	92	51	17	82
7 Color and nativity of all farmers, 1920:								
8 Native white.....number.....	110,966	892	1,053	1,433	1,573	896	637	2,207
9 Foreign-born white.....number.....	67,305	1,051	534	1,188	1,416	665	389	656
10 Negro and other nonwhite.....number.....	207	2	2	10	76			1
11 All farms classified by size, 1920:								
12 Under 3 acres.....number.....	340	2	2	1		1		5
13 3 to 9 acres.....number.....	2,800	8	39	12	22	11	3	62
14 10 to 19 acres.....number.....	3,020	11	42	28	28	18	1	83
15 20 to 49 acres.....number.....	14,111	394	194	205	354	141	12	174
16 50 to 99 acres.....number.....	32,743	620	475	478	559	426	34	503
17 100 to 174 acres.....number.....	65,793	634	487	1,008	1,605	500	260	1,203
18 175 to 259 acres.....number.....	31,108	168	225	457	238	234	226	551
19 260 to 499 acres.....number.....	25,245	93	102	399	237	131	423	262
20 500 to 999 acres.....number.....	3,046	12	18	43	28	9	61	21
21 1,000 acres and over.....number.....	272	8	5		4		6	
LAND AND FARM AREA.								
22 Approximate land area, 1920.....acres.....	51,749,120	1,171,200	293,760	863,360	2,446,080	259,200	314,240	487,680
23 Land in farms.....1920.....acres.....	30,221,758	231,221	213,990	454,338	450,487	219,888	287,527	440,386
24 ".....1910.....acres.....	27,676,823	175,796	208,097	354,995	223,764	195,187	282,959	448,885
25 ".....1900.....acres.....	26,248,498	112,712	174,698	304,968	186,716	180,017	276,908	450,012
26 Improved land in farms, 1920.....acres.....	21,481,710	61,894	121,603	250,946	89,821	126,949	251,992	355,374
27 ".....1910.....acres.....	19,643,533	34,750	101,575	178,832	33,253	108,847	242,737	358,895
28 ".....1900.....acres.....	18,442,585	20,707	87,072	144,459	23,622	90,595	243,724	304,138
29 Woodland in farms, 1920.....acres.....	4,482,656	95,445	59,698	140,413	228,348	51,984	5,088	33,001
30 Other unimproved land in farms, 1920.....acres.....	4,257,992	73,912	32,689	62,979	141,318	40,955	30,449	52,011
31 Per cent of land area in farms, 1920.....	58.4	19.7	72.8	52.6	18.8	84.8	91.5	90.3
32 Per cent of farm land improved, 1920.....	71.1	26.8	56.8	55.2	19.5	57.7	87.6	80.7
33 Average acreage per farm, 1920.....	109.3	118.9	134.7	172.7	149.9	140.9	280.2	149.1
34 Average improved acreage per farm, 1920.....	120.4	31.8	76.5	95.4	29.3	81.3	245.6	120.3
VALUE OF FARM PROPERTY.								
35 All farm property.....1920.....dollars.....	3,787,420,118	11,992,853	22,245,615	32,724,934	13,423,604	23,065,974	34,826,563	78,595,679
36 ".....1910.....dollars.....	1,476,411,737	3,779,647	9,478,621	11,795,410	3,389,856	8,389,340	14,202,257	32,019,319
37 ".....1900.....dollars.....	788,684,642	1,120,397	4,148,946	5,261,249	1,397,034	3,890,727	6,151,572	21,982,968
38 Land in farms.....1920.....dollars.....	2,750,328,432	7,255,180	14,496,260	22,852,343	8,644,727	15,724,664	27,229,288	58,192,339
39 ".....1910.....dollars.....	1,019,102,027	2,411,554	6,636,710	7,536,834	2,196,169	5,328,760	10,701,200	22,661,973
40 ".....1900.....dollars.....	559,301,900	697,090	2,092,680	3,373,800	945,570	2,639,900	4,459,290	16,128,840
41 Farm buildings.....1920.....dollars.....	530,839,893	2,311,810	4,504,450	4,907,215	2,334,081	3,881,040	3,729,300	11,246,769
42 ".....1910.....dollars.....	243,339,399	750,882	2,009,127	2,215,648	625,634	1,587,397	1,705,375	5,549,105
43 ".....1900.....dollars.....	110,220,415	195,600	766,750	813,860	166,840	572,750	760,270	3,053,230
44 Implements and machinery.....1920.....dollars.....	181,087,968	743,711	1,239,863	2,036,714	809,792	1,174,603	1,622,096	3,184,794
45 ".....1910.....dollars.....	52,320,165	131,429	381,343	555,366	152,723	324,761	474,006	1,057,103
46 ".....1900.....dollars.....	30,099,230	48,620	132,370	233,280	63,850	180,590	270,310	671,770
47 Live stock on farms.....1920.....dollars.....	305,163,825	1,682,152	2,005,037	2,928,662	1,635,004	2,285,067	2,245,879	5,971,777
48 ".....1910.....dollars.....	161,641,146	456,302	1,051,441	1,487,559	405,430	1,148,458	1,351,676	3,351,138
49 ".....1900.....dollars.....	89,063,097	215,147	537,146	790,399	220,774	501,117	625,702	2,124,128
50 Average values, 1920:								
51 All property per farm.....dollars.....	21,221	6,166	14,000	12,438	4,380	14,776	33,944	26,607
52 Land and buildings per farm.....dollars.....	18,496	4,919	11,958	10,551	3,582	12,560	30,174	23,507
53 Land alone per acre.....dollars.....	91.00	31.38	67.74	50.30	18.81	71.51	94.70	132.14
FARMS OPERATED BY OWNERS.								
54 Number of farms.....1920.....	132,744	1,894	1,270	2,111	2,681	1,346	611	2,027
55 ".....1910.....	122,104	1,254	1,247	1,797	1,492	1,143	681	2,128
56 ".....1900.....	126,809	738	1,110	1,797	1,228	1,174	831	2,444
57 Per cent of all farms, 1920.....	74.4	92.8	80.5	80.2	83.3	86.2	59.6	68.0
58 Land in farms, 1920.....acres.....	21,014,164	204,258	155,023	348,864	421,168	182,925	103,408	286,317
59 Improved land in farms, 1920.....acres.....	14,254,641	55,751	89,440	184,522	81,406	104,134	140,777	233,487
60 Value of land and buildings, 1920.....dollars.....	2,101,751,054	8,440,690	13,910,110	20,496,330	9,966,087	16,194,839	18,054,843	40,190,868
61 Degree of ownership, 1920:								
62 Farmers owning entire farm.....number.....	112,850	1,639	1,063	1,758	2,628	1,262	436	1,681
63 Farmers hiring additional land.....number.....	19,894	165	216	353	233	84	175	346
64 Color and nativity of owners, 1920:								
65 Native white owners.....number.....	74,871	795	806	1,021	1,443	713	315	1,507
66 Foreign-born white owners.....number.....	57,696	1,007	471	1,080	1,350	633	290	571
67 Negro and other nonwhite owners.....number.....	177	2	2	10	68			
FARMS OPERATED BY MANAGERS.								
68 Number of farms.....1920.....	1,593	12	23	12	25	15	5	18
69 ".....1910.....	1,222	10	15	12	9	10	17	19
70 ".....1900.....	1,095	8	12	8	6	9		9
71 Land in farms, 1920.....acres.....	443,089	8,754	11,031	2,838	7,067	3,193	4,799	3,247
72 Improved land in farms, 1920.....acres.....	283,899	5,199	1,614	1,614	1,010	1,793	4,617	2,628
73 Value of land and buildings, 1920.....dollars.....	50,234,058	387,000	1,162,610	157,605	198,604	338,275	312,900	605,250
FARMS OPERATED BY TENANTS.								
74 Number of farms.....1920.....	44,138	129	287	508	179	200	410	909
75 ".....1910.....	32,811	84	183	265	76	120	313	794
76 ".....1900.....	28,755	225	142	142	9	92	213	733
77 Per cent of all farms, 1920.....	24.7	6.6	18.1	19.3	5.8	12.8	40.0	30.8
78 Land in farms, 1920.....acres.....	8,764,505	18,209	47,936	102,636	31,252	33,770	119,320	150,822
79 Improved land in farms, 1920.....acres.....	6,943,200	5,014	20,964	64,810	7,405	21,022	106,598	119,259
80 Value of land and buildings, 1920.....dollars.....	1,050,182,613	769,300	3,927,990	7,105,623	814,137	3,073,190	12,590,845	22,644,990
81 Form of tenancy, 1920:								
82 Share tenants.....number.....	18,976	40	127	336	72	115	188	359
83 Share-cash tenants.....number.....	8,375	1	7	54	4	11	185	149
84 Cash tenants.....number.....	15,251	88	120	83	102	74	37	329
85 Unspecified.....number.....	1,536		27	36	1			72
86 Color and nativity of tenants, 1920:								
87 Native white tenants.....number.....	34,868	87	229	402	118	171	318	773
88 Foreign-born white tenants.....number.....	9,241	42	58	106	53	29	62	135
89 Negro and other nonwhite tenants.....number.....	29				8			1

1 Part of Beltrami County taken to form Clearwater County in 1903.

WITH SELECTED ITEMS FOR 1910 AND 1900.

Brown.	Carlton.	Carver.	Cass.	Chippewa.	Chisago.	Clay.	Clear-water.	Cook.	Cotton-wood.	Crow Wing.	Dakota.	Dodge.	Douglas.
1,976 1,807 1,857	1,917 1,195 605	2,009 1,992 1,975	1,570 948 668	1,624 1,499 1,687	2,236 2,005 1,969	1,948 1,738 1,904	1,253 1,055 -----	141 146 36	1,801 1,580 1,568	1,281 1,148 1,241	2,373 2,103 2,152	1,636 1,587 1,551	2,565 2,265 2,407
1,020 56	1,858 59	1,957 52	1,526 53	1,502 32	2,168 68	1,900 48	1,206 47	138 3	1,771 30	1,218 63	2,274 99	1,591 45	2,436 69
1,442 534	561 1,347 9	1,558 451	1,078 489 12	1,012 612	1,111 1,123 2	1,126 822	515 733 5	49 91 1	1,191 610	747 534	1,797 572 4	1,263 373	1,400 1,090
3 13 23 45 157	12 21 537 785	4 67 81 142 705	1 6 11 231 345	3 19 13 29 98	3 64 63 294 695	12 6 50 220	1 2 113 220	1 2 25 27	2 8 7 27 144	18 18 162 313	32 113 118 238 476	3 31 41 104 306	23 38 253 562
812 620 265 7 1	446 79 50 11 3	770 185 44 2	635 189 120 26 6	511 515 403 32 1	848 192 72 2	499 380 705 173 28	594 182 128 11 1	68 10 7 1 1	721 474 384 34 3	450 179 123 15 1	767 402 204 22 1	687 402 142 8	902 437 259 24 2
391,080 369,113 365,311 372,080	554,880 185,199 120,505 67,092	240,640 218,382 216,391 216,865	1,346,560 240,733 147,081 104,577	378,240 355,036 341,736 342,301	273,280 243,819 225,773 214,778	667,520 580,717 531,422 546,636	652,160 203,168 174,616	958,720 18,334 23,769 5,523	409,600 383,043 371,496 370,715	676,480 190,100 168,771 170,509	383,360 324,708 320,801 332,298	231,600 247,027 261,863 258,970	414,720 372,869 354,379 348,302
290,808 307,678 313,492 19,100 30,205	54,854 27,518 13,554 70,501 59,844	138,654 123,452 121,224 41,430 38,298	74,537 40,262 20,585 101,143 65,063	317,263 299,887 303,700 7,329 30,444	125,788 104,670 85,277 83,185 31,846	505,336 435,848 43,832 24,366 51,015	65,648 40,545 ----- 7,991 39,529	2,753 1,568 327 0,894 5,717	344,500 338,668 341,627 6,613 28,840	68,435 51,939 30,179 77,312 44,353	258,581 259,793 272,490 36,347 29,780	209,145 226,580 219,508 13,404 24,118	242,629 219,720 192,081 64,409 65,831
94.2 78.8 186.8 147.2	33.4 29.6 96.6 28.6	90.8 63.5 108.7 69.0	17.9 31.0 162.5 47.2	93.9 89.4 218.6 195.4	89.2 51.6 109.0 56.3	87.0 87.0 298.1 259.4	31.2 32.3 162.1 52.4	1.9 15.0 130.0 19.5	92.8 90.7 211.0 191.3	28.1 36.0 148.4 53.4	84.7 79.6 136.8 109.0	87.7 84.8 151.0 128.0	89.9 65.1 148.8 96.9
58,212,555 20,999,282 13,320,561	12,066,315 3,769,913 9,390,004	45,401,195 20,370,744 9,342,243	12,202,356 3,045,067 855,735	53,411,374 17,378,350 9,037,175	30,169,375 12,289,044 5,906,326	54,123,828 23,924,607 11,933,232	10,393,039 3,150,087 -----	484,844 372,166 63,955	64,841,051 21,613,731 11,328,657	10,939,410 4,733,472 1,951,192	40,253,886 22,939,004 11,793,346	42,369,796 17,416,051 9,649,612	40,141,734 16,312,224 8,273,041
48,687,742 14,228,387 9,818,580 7,603,699 3,700,607 1,740,920	7,481,188 2,272,892 542,630 2,900,244 891,504 205,070	30,450,130 13,463,819 6,242,980 8,875,145 4,240,216 1,602,840	8,230,240 2,012,075 533,690 1,910,594 511,892 113,660	41,633,840 12,479,452 6,515,700 7,814,070 2,465,140 1,141,600	17,999,576 6,945,495 3,419,310 6,853,778 3,463,092 1,374,640	40,486,850 17,603,128 8,707,950 6,853,778 2,909,658 1,224,020	7,049,880 2,096,607 ----- 1,032,030 502,062	223,263 228,920 32,830 164,855 105,845 23,020	51,071,536 15,959,133 7,601,500 6,211,900 2,653,745 2,149,710	6,908,277 3,127,445 1,125,730 2,116,432 884,010 378,160	34,135,038 15,619,600 8,342,395 8,409,217 4,185,230 1,684,280	30,127,229 11,724,705 6,091,170 6,439,850 2,830,403 1,421,610	27,955,448 10,694,213 6,634,650 8,800,250 3,174,775 1,329,410
3,045,522 700,876 434,280 3,815,722 2,300,512 1,335,501	707,950 169,952 34,720 1,516,933 435,505 156,344	2,376,276 665,282 365,580 3,609,644 2,001,427 1,130,843	623,736 125,497 40,300 1,407,777 395,603 168,095	2,361,101 621,294 385,430 3,587,891 1,812,474 994,325	1,951,008 512,130 297,210 2,993,581 1,378,417 815,166	3,131,745 1,013,339 574,430 3,618,455 2,395,482 1,371,832	650,470 142,442 ----- 1,005,659 408,936 -----	39,011 11,650 1,810 67,715 25,751 5,095	2,377,201 647,394 431,930 4,230,414 551,967 1,146,457	603,367 170,050 97,190 1,306,234 551,967 359,112	2,391,801 783,320 450,490 4,257,770 2,397,794 1,316,181	1,854,716 552,269 332,610 3,948,001 2,228,674 1,234,222	2,067,481 655,190 303,090 3,318,555 1,783,637 940,591
29,460 25,988 118.36	6,607 5,447 40.40	22,599 19,578 139.44	7,728 6,441 34.19	32,889 29,226 117.27	13,493 11,321 73.82	27,783 24,318 66.72	8,299 6,929 34.70	3,439 2,682 12.18	36,003 32,306 136.75	8,540 17,964 36.34	20,766 17,964 105.13	25,898 22,362 121.98	16,025 13,875 74.97
1,259 1,280 1,422 63.7 235,701 184,074 32,775,685	1,837 1,138 578 95.8 172,939 51,535 9,800,632	1,650 1,672 1,714 82.1 178,997 113,252 32,364,931	1,384 853 633 87.7 194,017 61,914 8,393,931	993 1,036 1,373 61.1 214,035 100,880 28,693,050	1,869 1,831 1,812 83.6 199,083 102,873 20,704,191	1,254 1,298 1,709 64.4 365,811 317,999 31,192,169	1,161 1,001 ----- 133,162 60,936 8,032,245	137 144 36 97.2 17,842 2,656 369,218	1,040 1,040 1,284 67.7 213,776 199,959 33,801,648	1,045 1,009 1,131 81.6 148,880 54,090 7,092,209	1,765 1,600 1,537 74.0 225,743 174,833 29,380,000	995 1,070 1,155 60.8 130,065 116,580 20,553,184	2,019 1,995 2,087 80.6 285,862 189,753 26,913,002
1,044 215 862 397	1,764 73 514 1,315 8	1,516 134 1,246 404	1,258 126 907 460 11	781 232 546 447	1,085 184 826 1,041 2	902 352 605 649	1,003 185 455 702 4	131 6 48 88 1	744 290 606 434	804 181 505 480	1,443 312 1,287 466 2	872 123 729 269	1,739 290 1,015 1,004
21 8 20	11 13 6	18 18 7	19 5 3	20 14 4	9 3 4	16 17 18	4 1 -----	----- ----- -----	8 6 6	13 20 22	33 14 11	20 14 37	28 2 37
4,471 3,543 774,725	3,021 1,031 175,800	2,079 1,270 421,250	12,864 2,050 332,990	5,780 5,203 724,900	1,790 957 160,020	7,146 6,947 653,050	1,280 302 55,800	----- ----- -----	2,701 2,315 421,800	7,126 1,908 311,250	7,960 6,245 1,061,890	3,609 3,278 531,650	5,128 3,474 405,055
696 510 406 35.2 128,041 103,191 17,800,901	69 44 21 3.6 9,189 2,288 465,094	341 302 254 17.0 33,206 24,132 6,539,094	176 85 32 11.1 33,952 10,573 1,359,310	611 450 300 37.6 139,221 121,175 18,044,432	358 171 153 16.0 42,940 21,953 4,443,375	678 423 267 34.8 207,760 180,690 15,525,409	SS 53 ----- 7.0 13,736 4,410 573,865	4 2 ----- 2.8 492 67 8,900	753 534 328 41.8 163,568 145,319 23,059,988	223 119 90 17.4 34,094 12,437 1,651,300	585 644 503 24.7 91,005 77,503 12,161,765	621 508 485 38.0 107,323 89,587 15,482,245	458 268 283 18.3 81,879 52,402 7,347,041
174 249 231 42	18 4 42 9	67 4 241 29	81 177 94 5	264 177 105 22	144 5 187 22	426 118 107 27	50 1 24 13	1 ----- 1 2	135 465 125 28	70 4 149 -----	254 95 230 19	296 114 192 22	230 76 169 78
507 129	42 27	300 41	156 19 1	455 156	281 77	508 170	57 30 1	1 3 -----	579 174	173 50	482 101 2	516 105	371 87 81

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920,

		Faribault.	Fillmore.	Freeborn.	Goodhue.	Grant.	Hennepin.	Houston.	Hubbard.
ALL FARMS.									
1	Number of farms... 1920.....	2,358	3,177	2,574	3,128	1,317	3,954	1,978	1,252
2	..... 1910.....	2,139	3,213	2,477	3,040	1,185	3,853	1,912	843
3	..... 1900.....	2,232	3,477	2,691	3,210	1,245	3,684	2,130	641
4	All farmers classified by sex, 1920:								
5	Male.....number.....	2,307	3,088	2,497	3,050	1,278	3,806	1,908	1,226
6	Female.....number.....	51	89	77	78	39	88	70	26
7	Color and nativity of all farmers, 1920:								
8	Native white.....number.....	1,842	2,577	1,777	2,304	835	2,769	1,542	793
9	Foreign-born white.....number.....	516	600	797	821	482	1,190	435	454
10	Negro and other nonwhite.....number.....				3		5	1	
11	All farms classified by size, 1920:								
12	Under 3 acres.....number.....	4	2	2	21		44	1	
13	3 to 9 acres.....number.....	17	37	19	84	3	372	40	7
14	10 to 19 acres.....number.....	35	45	21	76	11	430	34	6
15	20 to 49 acres.....number.....	51	227	123	222	22	934	110	142
16	50 to 99 acres.....number.....	275	570	446	585	74	1,253	305	317
17	100 to 174 acres.....number.....	1,026	1,228	1,165	1,240	442	744	725	468
18	175 to 259 acres.....number.....	583	682	546	639	319	122	455	169
19	260 to 499 acres.....number.....	349	360	234	260	377	50	283	132
20	500 to 999 acres.....number.....	18	22	15	9	68	5	22	21
21	1,000 acres and over.....number.....		4	3	1	1		3	
LAND AND FARM AREA.									
22	Approximate land area, 1920.....acres.....	460,160	555,520	470,400	490,880	353,020	361,000	384,800	613,120
23	Land in farms.....1920.....acres.....	430,401	506,850	413,988	457,795	319,290	271,762	333,655	191,906
24	..... 1910.....acres.....	433,481	518,814	413,711	462,052	296,484	284,378	327,094	151,084
25	..... 1900.....acres.....	442,042	521,261	436,748	470,002	284,039	297,052	331,986	99,143
26	Improved land in farms.....1920.....acres.....	361,478	376,279	315,445	347,792	284,049	186,755	176,505	80,323
27	..... 1910.....acres.....	384,265	391,336	328,077	359,938	257,382	189,721	174,020	55,699
28	..... 1900.....acres.....	394,000	389,386	342,876	374,593	221,610	197,570	169,810	29,609
29	Woodland in farms, 1920.....acres.....	18,541	85,324	20,563	49,350	6,542	51,823	125,066	79,434
30	Other unimproved land in farms, 1920.....acres.....	50,442	45,247	77,980	66,644	28,690	33,184	32,084	32,239
31	Per cent of land area in farms, 1920.....	93.5	91.2	88.0	93.3	90.2	75.2	91.5	31.3
32	Per cent of farm land improved, 1920.....	84.0	74.2	76.2	78.0	89.0	68.7	52.9	41.8
33	Average acreage per farm, 1920.....	182.6	159.5	160.8	146.4	242.4	68.7	168.7	153.4
34	Average improved acreage per farm, 1920.....	153.3	118.4	122.6	111.2	215.7	47.2	89.2	64.2
VALUE OF FARM PROPERTY.									
35	All farm property.....1920.....dollars.....	53,768,096	77,647,908	72,169,324	70,010,999	36,797,837	62,307,269	37,575,547	10,572,785
36	..... 1910.....dollars.....	32,474,072	36,250,145	27,961,397	32,263,663	13,482,322	34,667,221	16,880,250	3,175,028
37	..... 1900.....dollars.....	21,740,938	20,355,108	17,412,256	18,044,617	6,090,831	19,909,980	9,944,080	1,017,404
38	Land in farms.....1920.....dollars.....	64,445,938	54,553,390	52,047,989	40,558,731	28,053,739	40,453,537	24,566,455	7,279,248
39	..... 1910.....dollars.....	23,408,846	24,236,255	18,634,242	21,041,643	9,793,603	22,908,670	10,708,007	2,089,875
40	..... 1900.....dollars.....	16,484,500	14,240,695	11,766,260	12,285,550	4,401,060	13,938,070	6,619,250	709,720
41	Farm buildings.....1920.....dollars.....	9,675,643	12,038,490	10,967,270	12,229,422	4,432,490	14,144,460	7,038,895	1,661,823
42	..... 1910.....dollars.....	4,801,830	6,481,431	5,022,782	6,491,836	1,843,287	8,008,183	3,304,145	581,785
43	..... 1900.....dollars.....	2,624,610	2,801,725	2,778,900	3,083,240	1,720,330	3,742,080	1,576,700	119,150
44	Implements and machinery.....1920.....dollars.....	3,222,277	2,945,607	3,117,776	4,087,128	1,675,145	2,824,374	1,965,222	599,844
45	..... 1910.....dollars.....	970,543	1,075,637	885,040	1,120,114	478,615	1,113,601	584,016	142,335
46	..... 1900.....dollars.....	666,850	653,260	506,490	631,220	282,330	528,020	360,500	55,010
47	Live stock on farms.....1920.....dollars.....	6,424,235	7,810,421	6,036,289	7,165,718	2,636,403	4,884,898	4,004,975	1,041,870
48	..... 1910.....dollars.....	3,232,553	4,456,722	3,409,353	3,613,070	1,306,617	2,930,817	2,240,082	361,033
49	..... 1900.....dollars.....	1,904,978	2,662,528	2,270,676	2,044,607	687,111	1,701,810	1,388,570	139,524
50	Average values, 1920:								
51	All property per farm.....dollars.....	35,525	24,441	28,038	22,392	27,941	15,758	18,997	8,445
52	Land and buildings per farm.....dollars.....	31,434	21,085	24,481	18,794	24,667	13,808	15,978	7,133
53	Land alone per acre.....dollars.....	149.71	108.22	125.72	101.70	87.86	148.86	73.63	37.91
FARMS OPERATED BY OWNERS.									
54	Number of farms.....1920.....	1,456	2,030	1,701	2,083	838	3,063	1,500	1,094
55	..... 1910.....	1,423	2,217	1,773	2,067	872	3,081	1,514	766
56	..... 1900.....	1,675	2,652	2,049	2,370	1,026	2,778	1,736	594
57	Per cent of all farms, 1920.....	61.7	63.9	66.1	66.8	63.8	77.5	76.8	87.4
58	Land in farms, 1920.....acres.....	257,240	315,314	257,958	291,250	193,187	199,607	247,014	164,761
59	Improved land in farms, 1920.....acres.....	216,387	233,010	198,724	230,459	171,571	138,770	130,007	66,676
60	Value of land and buildings, 1920.....dollars.....	44,814,790	41,556,355	40,769,764	38,071,940	19,999,072	38,707,125	23,200,850	7,529,672
61	Degree of ownership, 1920:								
62	Farmers owning entire farm.....number.....	1,281	1,797	1,452	1,727	587	2,533	1,344	934
63	Farmers hiring additional land.....number.....	175	233	219	356	251	530	156	160
64	Color and nativity of owners, 1920:								
65	Native white owners.....number.....	1,069	1,557	1,104	1,429	474	2,076	1,118	662
66	Foreign-born white owners.....number.....	387	473	597	651	364	983	381	432
67	Negro and other nonwhite owners.....number.....				3		4	1	
FARMS OPERATED BY MANAGERS.									
68	Number of farms.....1920.....	16	34	24	31	17	91	22	6
69	..... 1910.....	23	17	21	13	9	51	8	11
70	..... 1900.....	13	23	19	18	12	42	0	3
71	Land in farms, 1920.....acres.....	3,642	8,204	7,042	5,664	5,731	9,060	5,146	2,126
72	Improved land in farms, 1920.....acres.....	3,445	5,505	5,780	3,691	5,280	4,949	2,075	1,556
73	Value of land and buildings, 1920.....dollars.....	663,545	1,121,800	1,033,400	747,750	620,675	3,238,900	439,800	124,680
FARMS OPERATED BY TENANTS.									
74	Number of farms.....1920.....	886	1,113	849	1,014	462	800	456	152
75	..... 1910.....	688	879	683	960	304	721	390	66
76	..... 1900.....	544	802	623	822	207	864	385	44
77	Per cent of all farms, 1920.....	37.6	35.0	33.0	32.4	35.1	20.2	23.1	12.1
78	Land in farms, 1920.....acres.....	169,579	183,382	148,988	160,881	120,372	63,095	80,595	25,109
79	Improved land in farms, 1920.....acres.....	141,646	137,704	110,941	123,642	107,198	43,036	44,423	12,191
80	Value of land and buildings, 1920.....dollars.....	28,643,240	24,213,725	21,215,095	19,968,454	11,868,482	12,621,972	7,964,700	1,279,719
81	Form of tenancy, 1920:								
82	Share tenants.....number.....	309	638	341	519	209	130	256	80
83	Share-cash tenants.....number.....	162	87	99	115	106	7	4	8
84	Cash tenants.....number.....	318	388	406	380	65	659	170	64
85	Unspecified.....number.....	37		3		19	4	26	
86	Color and nativity of tenants, 1920:								
87	Native white tenants.....number.....	753	991	656	846	347	623	406	130
88	Foreign-born white tenants.....number.....	128	122	193	168	115	176	50	22
89	Negro and other nonwhite tenants.....number.....						1		

* Part of Itasca County taken to form Koochiching County in 1906.

WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Isanti.	Itasca. ¹	Jackson.	Kanabec.	Kandiyohi.	Kittson.	Koochi- ching. ¹	Lac qui Parle.	Lake.	Le Sueur.	Lincoln.	Lyon.	McLeod.	Mahno- men. ²
2,212 2,063 2,044	1,436 830 217	2,218 1,906 1,949	1,508 1,017 749	2,432 2,237 2,205	1,409 1,210 1,266	944 444	2,008 1,863 1,951	208 210 19	2,269 2,218 2,472	1,468 1,304 1,340	1,816 1,682 1,632	2,447 2,268 2,335	590 248 3
2,119 98	1,408 28	2,149 69	1,539 29	2,344 88	1,374 35	913 31	1,964 44	206 2	2,195 74	1,443 25	1,793 28	2,380 67	578 12 4
996 1,216	675 748 13	1,460 758	774 794	1,389 1,043	518 891	445 408 1	1,356 652	38 170	1,784 484 1	885 583	1,187 629	1,709 738	361 201 28 7 8
1 9 17 248 784	2 7 15 320 391	2 67 31 51 165	3 10 17 233 638	3 29 32 102 254	3 5 6 37 88	1 4 6 103 140	4 13 20 25 94	23 90 45 180 681	1 0 10 30 114	11 72 47 33 105	21 72 47 174 707	21 72 47 174 707	9 10 11 12 13 14 15 16 17 18
865 212 73 2 1	515 105 74 6 1	946 525 399 30 2	407 118 70 10 2	826 710 442 35 2	353 240 490 158 29	501 71 101 16 1	681 514 601 55 1	50 9 4 1 2	888 275 84 3	613 357 308 25 1	690 444 481 43 1	1,020 305 97 4	179 131 136 24 2
282,880 256,010 237,642 221,576	1,747,200 168,976 108,880 27,641	449,280 424,792 411,339 404,014	341,760 182,311 116,370 127,475	512,640 464,941 493,345 443,146	711,040 442,939 372,066 339,677	2,010,240 152,507 73,245	505,600 464,784 464,102 454,705	1,343,360 26,739 22,279 2,435	298,240 264,814 261,945 288,609	342,400 305,315 306,129 300,274	453,120 400,218 401,546 398,432	317,440 299,131 298,961 302,091	366,080 133,499 41,995 22
138,810 109,642 85,747 70,083 47,117	33,637 13,636 4,274 106,916 28,423	372,670 354,715 354,233 9,710 42,412	67,535 37,370 13,832 80,003 34,773	360,306 309,603 340,722 23,707 80,928	342,087 287,389 205,544 43,814 57,038	22,450 5,529 403,125 391,711 8,794 36,826	419,986 403,125 391,711 8,794 30,004	3,740 2,381 243 13,830 0,154	178,913 163,117 148,939 35,225 50,676	270,732 249,332 237,636 4,417 30,166	358,206 344,172 334,236 8,452 42,560	262,606 239,925 223,943 10,085 27,440	82,218 24,123 23,347 27,934
90.5 54.2 115.7 62.8	9.7 19.9 117.7 23.4	94.5 87.7 191.5 168.0	53.3 37.0 116.3 43.1	90.7 77.5 191.2 148.2	62.3 77.2 314.4 242.8	7.6 14.7 161.6 23.8	91.9 90.4 231.5 200.2	2.0 14.0 128.6 18.0	88.8 67.6 116.7 78.9	89.2 88.7 208.0 184.4	90.3 87.5 225.3 197.3	94.2 84.4 122.2 103.2	36.5 61.0 226.3 139.4
25,275,987 9,123,309 4,331,529	6,542,081 2,201,580 338,147	79,389,337 26,357,716 14,143,654	16,410,262 4,098,416 1,516,717	60,816,751 22,711,957 11,715,026	30,486,325 13,730,520 6,528,478	3,628,142 1,028,563	74,979,008 26,217,879 12,830,550	960,459 442,694 30,765	48,823,213 20,048,441 11,126,777	47,630,518 15,720,215 7,677,345	71,886,712 23,059,304 11,769,475	53,800,274 23,120,367 12,441,951	10,573,010 1,284,111 34
15,258,601 5,083,872 2,552,340 6,242,495 2,546,210 978,690	3,879,875 1,404,735 188,830 1,370,671 400,930 77,530	62,607,642 10,553,672 10,401,000 8,003,325 3,285,434 1,615,670	10,137,217 2,025,476 1,019,430 3,545,165 1,044,792 248,310	44,347,094 15,339,333 8,694,340 8,341,005 3,841,080 1,807,980	21,724,048 9,728,122 4,638,830 4,157,659 1,814,455 804,110	2,193,236 734,900	59,584,206 19,205,918 9,399,940 7,888,428 3,642,079 1,499,970	415,935 252,535 16,300 353,400 130,280 9,200	35,874,728 14,251,215 8,041,680 7,247,809 3,247,680 1,579,270	36,829,381 11,251,430 5,658,450 5,290,735 2,220,457 801,580	57,101,253 10,819,680 8,049,090 7,068,765 2,986,625 1,815,860	36,829,594 15,099,650 8,740,020 9,562,914 4,204,300 1,942,190	7,719,861 806,296 87 1,454,752 183,609 40
1,676,932 426,921 212,780 2,097,959 1,066,308 587,708	421,990 88,537 16,060 889,545 247,378 55,727	3,048,422 776,622 544,100 5,729,948 2,742,038 1,581,924	845,650 106,954 47,230 1,888,224 561,194 201,747	3,071,942 918,917 401,290 5,050,710 2,612,627 1,351,416	2,203,405 650,027 330,980 2,401,213 1,537,016 848,558	248,189 27,897	3,175,350 964,945 556,550 4,331,024 2,504,937 1,374,090	67,103 12,990 380 123,961 40,939 4,885	2,136,900 582,137 394,660 3,420,620 1,959,174 1,111,167	2,089,882 582,137 399,190 3,420,620 1,675,191 1,818,125	2,704,725 785,300 488,300 4,411,969 2,467,743 1,316,225	2,895,808 319,895 428,420 4,511,958 2,396,522 1,331,321	594,112 61,004 804,294 183,202 47
11,427 9,720 59.60	4,556 3,656 22.96	35,793 31,835 147.38	10,470 8,726 55.60	25,007 21,065 95.38	21,637 18,369 49.05	3,843 3,073 14.38	37,340 38,002 128.20	4,618 3,699 15.56	21,518 10,005 135.47	32,446 28,692 120.63	39,585 35,066 130.54	21,986 18,959 123.12	17,920 15,550 57.53
1,877 1,854 1,856 84.9 211,336 115,252 17,878,986	1,338 790 196 93.2 156,132 30,140 4,739,846	1,205 1,207 1,413 67.0 230,800 203,620 39,405,734	1,403 942 720 89.5 153,673 58,439 11,835,127	1,608 1,651 1,813 81.0 206,596 230,805 34,425,955	1,141 1,036 1,158 81.0 350,061 265,134 19,727,620	903 436 65.7 65.7 146,063 21,614 2,774,961	1,112 1,220 1,487 55.4 249,803 225,938 36,211,266	196 199 10 94.2 17,889 8,393 656,145	1,875 1,855 2,087 82.6 216,035 145,487 35,272,481	933 938 1,130 63.6 188,182 165,093 26,222,480	1,061 1,054 1,220 68.4 225,433 200,464 36,802,028	1,981 2,010 1,801 81.0 231,508 195,642 36,683,866	474 196 51 80.3 108,944 67,003 7,445,938
1,699 178 742 1,135	1,224 114 607 719 12	915 350 725 540	1,324 79 647 756	1,403 265 830 838	827 76 360 772	414 483 1	668 444	32 164	1,441 433 1	502 431	640 421	1,354 627	270 179 25
19 3 2 3,134 1,477 246,800	9 9 11 1,677 589 141,060	8 14 11 1,994 1,877 336,050	15 15 7 0,052 1,792 208,580	21 15 13 5,940 4,384 727,000	13 38 16 7,244 5,618 440,300	3 1 7 465 64 11,800	27 14 7 7,395 6,651 1,121,750	8 9 7 8,453 315	2 1 8 1,284 1,049 235,600	2 2 8 185 185 54,000	16 23 22 5,442 4,399 851,575	12 14 22 2,172 1,804 345,950	1 1 1 80 56 4,000
316 206 186 14.3 41,540 22,081 3,375,310	89 31 10 6.2 11,167 2,908 370,140	945 685 525 42.6 191,938 167,173 30,809,183	150 60 22 0.6 22,586 7,304 1,553,675	743 571 439 30.6 162,405 125,137 17,535,144	255 136 92 18.1 85,634 71,385 5,713,787	38 7 429 4.0 5,979 872 114,575	869 629 467 43.3 207,586 187,397 30,139,618	4 2 2 1.9 397 41 7,500	386 362 378 17.0 47,405 32,377 7,614,456	533 364 202 36.3 116,948 105,454 15,843,636	789 605 300 40.7 178,343 153,343 27,116,415	454 393 303 18.6 65,451 55,160 9,362,692	115 51 60 19.5 24,475 15,165 1,724,630
198 3 78 37	20 4 56 9	142 459 301 43	53 3 70 24	278 176 289	200 3 39 13	6 22 10	499 180 163 27	1 2 1	183 8 146 49	125 92 295 21	284 222 268 24	108 54 268	95 14 6
241 75	63 25	729 210	115 35	541 202	142 113	28 10	660 200	3 1	335 51	382 151	535 204	348 106	90 22 3

² Mahnomen County organized from part of Norman County in 1906.

AGRICULTURE—MINNESOTA.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

		Marshall.	Martin.	Meeker.	Millie Laes.	Morrison.	Mower.	Murray.	Nicollet.
ALL FARMS.									
1	Number of farms... 1920.....	2,697	2,435	2,460	1,898	3,005	2,364	1,876	1,438
2	..... 1910.....	2,121	2,181	2,346	1,278	2,622	2,386	1,640	1,414
3	..... 1900.....	2,464	2,138	2,511	1,022	2,400	2,447	1,713	1,454
4	All farmers classified by sex, 1920:								
5	Male..... number.....	2,616	2,381	2,385	1,837	3,008	2,318	1,818	1,467
6	Female..... number.....	81	54	75	61	87	46	28	30
7	Color and nativity of all farmers, 1920:								
8	Native white..... number.....	1,147	1,784	1,880	880	1,611	1,776	1,183	1,132
9	Foreign-born white..... number.....	1,550	651	974	1,018	1,453	588	683	365
10	Negro and other nonwhite..... number.....					1			
11	All farms classified by size, 1920:								
12	Under 3 acres..... number.....		1		2		2		4
13	3 to 9 acres..... number.....	11	28	36	12	20	31	15	2
14	10 to 19 acres..... number.....	10	22	45	30	38	43	15	23
15	20 to 49 acres..... number.....	65	57	203	304	238	80	28	58
16	50 to 99 acres..... number.....	145	311	537	845	829	387	115	149
17	100 to 174 acres..... number.....	919	1,108	915	479	1,247	1,026	745	586
18	175 to 259 acres..... number.....	417	547	447	90	453	475	412	406
19	260 to 493 acres..... number.....	911	342	257	36	213	206	492	235
20	500 to 999 acres..... number.....	192	18	15	2	26	22	46	11
21	1,000 acres and over..... number.....	27	1	1	2		2	4	1
LAND AND FARM AREA.									
22	Approximate land area, 1920..... acres.....	1,144,320	460,160	397,440	373,120	731,520	455,010	450,500	283,520
23	Land in farms... 1920..... acres.....	734,432	437,829	304,060	178,550	440,013	404,032	415,872	267,521
24	..... 1910..... acres.....	567,865	427,727	358,423	121,617	374,728	428,428	401,048	262,521
25	..... 1900..... acres.....	543,190	420,792	345,982	95,660	331,816	432,900	385,061	272,200
26	Improved land in farms, 1920..... acres.....	523,383	372,980	280,664	79,548	228,139	354,036	384,616	212,407
27	..... 1910..... acres.....	380,677	376,804	270,542	48,438	181,150	301,592	355,643	189,677
28	..... 1900..... acres.....	340,882	383,459	258,314	31,400	148,355	394,801	338,650	200,720
29	Woodland in farms, 1920..... acres.....	81,635	9,589	28,601	70,223	137,388	16,480	4,000	21,249
30	Other unimproved land in farms, 1920..... acres.....	129,414	55,560	55,095	28,779	74,486	32,970	27,256	33,374
31	Per cent of land area in farms, 1920.....	64.2	95.0	91.8	47.0	60.2	88.8	92.3	94.4
32	Per cent of farm land improved, 1920.....	71.3	85.1	76.9	44.0	51.8	87.8	92.5	79.4
33	Average acreage per farm, 1920.....	272.3	179.6	148.4	94.1	142.2	170.0	221.7	178.7
34	Average improved acreage per farm, 1920.....	194.1	152.9	114.1	41.9	73.7	150.0	205.0	141.9
VALUE OF FARM PROPERTY.									
35	All farm property... 1920..... dollars.....	48,640,458	93,074,332	50,898,035	19,076,610	37,425,616	69,021,690	72,780,019	41,677,619
36	..... 1910..... dollars.....	16,952,344	30,512,259	21,595,217	5,599,111	13,006,359	31,290,093	23,455,837	15,803,289
37	..... 1900..... dollars.....	8,491,457	16,250,759	11,840,710	2,081,803	6,179,959	20,282,148	12,416,215	10,156,362
38	Land in farms... 1920..... dollars.....	35,358,874	72,703,142	35,046,515	12,635,442	24,630,231	51,500,929	58,827,428	29,713,431
39	..... 1910..... dollars.....	11,841,698	21,899,252	14,050,540	3,184,171	8,662,397	23,285,106	17,304,164	10,418,438
40	..... 1900..... dollars.....	5,717,310	12,100,790	8,215,350	1,379,540	3,065,240	14,935,660	9,438,590	7,006,810
41	Farm buildings... 1920..... dollars.....	6,261,416	10,275,800	8,513,130	4,217,074	7,107,461	9,412,492	6,799,700	6,561,800
42	..... 1910..... dollars.....	2,230,615	4,388,030	4,055,142	1,383,785	2,672,540	4,698,615	2,877,970	2,971,698
43	..... 1900..... dollars.....	944,720	1,853,840	1,788,800	298,550	967,380	2,635,610	1,181,630	1,623,360
44	Implements and machinery... 1920..... dollars.....	3,421,437	3,202,556	2,724,810	976,172	2,190,333	2,625,888	2,558,772	2,216,980
45	..... 1910..... dollars.....	825,455	963,760	868,980	236,567	581,760	906,845	700,099	633,312
46	..... 1900..... dollars.....	490,150	597,330	463,360	82,550	337,570	615,540	480,820	388,040
47	Livestock on farms... 1920..... dollars.....	3,598,731	6,712,834	4,613,571	2,148,922	3,437,561	5,452,387	4,694,110	3,188,098
48	..... 1910..... dollars.....	2,045,576	3,261,217	2,692,690	704,588	1,770,702	3,386,527	2,513,604	1,812,065
49	..... 1900..... dollars.....	1,359,277	1,098,799	1,373,140	321,163	909,760	2,005,438	1,309,205	1,138,162
50	Average values, 1920:								
51	All property per farm..... dollars.....	18,035	38,224	20,690	10,525	12,092	29,197	38,795	27,841
52	Land and buildings per farm..... dollars.....	15,432	34,115	17,707	8,870	10,274	25,780	34,082	24,232
53	Land alone per acre..... dollars.....	48.14	166.45	96.03	70.77	56.11	127.45	141.46	111.07
FARMS OPERATED BY OWNERS.									
54	Number of farms... 1920.....	2,181	1,383	1,904	1,091	2,722	1,385	1,040	970
55	..... 1910.....	1,836	1,399	1,870	1,157	2,373	1,684	1,064	947
56	..... 1900.....	2,299	1,508	2,131	950	2,213	1,807	1,231	1,080
57	Percent of all farms, 1920.....	80.9	56.8	77.4	58.0	90.1	58.0	55.4	64.8
58	Land in farms, 1920..... acres.....	571,082	232,950	269,195	154,036	370,619	217,615	229,107	170,112
59	Improved land in farms, 1920..... acres.....	391,177	200,060	207,147	68,053	195,863	192,817	212,859	135,453
60	Value of land and buildings, 1920..... dollars.....	30,358,505	45,945,570	32,540,423	14,702,949	27,577,227	32,514,866	30,306,113	23,312,016
61	Degree of ownership, 1920:								
62	Farmers owning entire farm..... number.....	1,611	1,187	1,004	1,593	2,463	1,198	734	837
63	Farmers hiring additional land..... number.....	570	196	300	259	187	300	300	133
64	Color and nativity of owners, 1920:								
65	Native white owners..... number.....	796	901	1,038	730	1,340	961	560	696
66	Foreign-born white owners..... number.....	1,385	432	860	961	1,372	424	471	274
67	Negro and other nonwhite owners..... number.....					1			
FARMS OPERATED BY MANAGERS.									
68	Number of farms... 1920.....	33	21	20	19	10	30	20	10
69	..... 1910.....	20	21	19	2	8	20	9	10
70	..... 1900.....	25	11	19	2	5	23	13	11
71	Land in farms, 1920..... acres.....	16,917	4,509	5,116	4,343	2,143	5,798	5,737	4,614
72	Improved land in farms, 1920..... acres.....	14,784	3,437	3,906	1,326	909	4,863	5,484	3,264
73	Value of land and buildings, 1920..... dollars.....	1,361,220	895,432	690,900	294,150	100,100	1,026,800	905,750	514,191
FARMS OPERATED BY TENANTS.									
74	Number of farms... 1920.....	483	1,031	530	188	363	949	816	511
75	..... 1910.....	265	761	460	119	241	682	567	367
76	..... 1900.....	200	624	361	70	182	617	409	361
77	Per cent of all farms, 1920.....	17.9	42.3	21.5	9.9	11.7	40.1	43.5	34.1
78	Land in farms, 1920..... acres.....	146,493	200,470	90,649	19,571	58,251	180,079	180,968	83,968
79	Improved land in farms, 1920..... acres.....	117,472	188,293	69,551	8,509	31,365	156,966	160,293	75,700
80	Value of land and buildings, 1920..... dollars.....	9,900,565	36,227,934	10,328,322	1,795,417	4,120,425	27,372,755	28,415,265	12,449,024
81	Form of tenancy, 1920:								
82	Share tenants..... number.....	394	278	204	62	217	400	162	185
83	Share-cash tenants..... number.....	8	274	61	2	10	235	402	87
84	Cash tenants..... number.....	50	437	281	102	136	252	220	188
85	Unspecified..... number.....	31	42	34	22		2	23	34
86	Color and nativity of tenants, 1920:								
87	Native white tenants..... number.....	322	865	427	135	282	790	599	422
88	Foreign-born white tenants..... number.....	161	166	103	53	81	150	217	105
89	Negro and other nonwhite tenants..... number.....								38

¹ Part of Norman County taken to form Mahanomen County in 1906.

AGRICULTURE—MINNESOTA.

17

WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Nobles.	Norman. ¹	Olmsted.	Otter Tail.	Pennington. ²	Pine.	Pipestone.	Polk.	Pope.	Ramsey.	Red Lake. ²	Redwood.	Renville.	Rice.	
2,018 1,819 1,751	1,940 1,653 1,938	2,287 2,310 2,539	6,627 5,804 6,227	1,221 1,244 -----	3,088 2,066 1,416	1,187 1,055 997	4,200 3,525 4,340	1,802 1,049 1,872	983 1,067 923	907 527 1,385	2,548 2,311 2,348	3,049 2,871 3,013	2,416 2,380 2,672	1 2 3
1,984 34	1,880 60	2,227 60	6,393 234	1,175 46	3,017 71	1,170 17	4,071 129	1,762 40	955 28	877 30	2,501 47	2,070 73	2,341 75	4 5
1,348 670	1,105 835	1,941 345 1	3,704 2,862 1	531 689 1	1,405 1,678 5	755 432	2,203 1,997	1,148 654	522 460 1	514 393	1,719 822 7	2,063 986	1,758 657 1	6 7 8
1 12 17 17 35 123	1 17 14 91 163	1 22 39 153 372	1 28 51 459 1,278	1 14 3 23 70	2 16 37 524 1,267	2 6 7 15 62	2 31 44 185 364	2 192 12 179 283 153	2 25 192 179 283 187	2 7 7 3 19 51	2 5 9 34 193	2 26 13 64 224	2 9 53 64 186 718	9 10 11 12 13
861 424 516 29	459 432 633 121 10	899 491 288 21 1	2,514 1,423 791 75 7	503 184 379 44 1	925 196 99 21 1	491 207 361 38	1,308 691 1,231 317 27	559 517 449 41	79 20 15	320 151 301 54 1	1,104 635 533 34 1	1,358 834 498 32	904 317 99 6	14 15 16 17 18
462,080 437,608 418,200 420,213	550,400 489,358 418,534 428,985	426,240 376,221 393,620 405,889	1,304,960 388,480 333,418 230,689 148,459	388,480 257,485 267,980 241,923 248,254	904,320 333,418 230,689 267,980 241,923	300,160 276,371 267,980 241,923 248,254	1,206,560 1,069,155 888,852 973,281	443,520 381,128 373,294 378,812	103,040 52,498 60,543 60,783	276,480 224,729 125,402 258,367	563,840 525,074 527,471 508,599	625,920 585,156 589,798 584,659	316,800 297,038 297,944 305,513	19 20 21 22
402,286 388,156 298,238 7,061 27,421	401,179 314,778 316,697 33,840 54,839	303,723 316,184 327,419 39,453 33,045	683,406 592,598 505,368 276,118 136,215	194,473 136,735 60,637 30,158 51,057	121,901 64,798 30,637 93,746 117,771	248,105 250,466 208,290 1,887 26,379	842,208 643,946 651,755 112,040 114,907	288,254 286,395 286,540 16,260 76,614	36,195 41,104 38,967 0,761 6,542	159,586 77,138 146,274 43,101 22,402	449,900 438,745 417,937 10,551 64,587	511,771 512,520 509,199 23,012 49,473	217,241 220,381 227,779 22,041 57,756	23 24 25 26 27
94.7 61.0 216.9 199.3	88.9 82.0 252.2 206.8	88.8 80.7 164.5 132.8	84.0 62.4 165.3 103.1	73.3 68.3 233.2 159.3	36.9 36.6 108.0 39.5	92.1 80.8 232.8 209.0	84.4 78.8 254.6 200.5	85.9 75.6 211.5 160.0	81.3 68.0 53.4 36.8	81.3 71.0 247.8 176.0	83.1 85.7 206.1 167.8	93.5 87.5 191.9 107.8	93.8 73.1 122.9 80.9	28 29 30 31
89,178,665 30,060,799 14,561,623	41,761,365 16,371,171 9,615,630	59,807,976 27,137,633 18,837,339	102,413,585 37,953,319 18,895,532	10,174,644 6,326,149 2,273,424	26,955,346 7,463,287 2,273,424	54,769,185 17,022,735 7,280,618	86,049,593 34,946,027 19,581,141	37,969,731 15,479,163 7,625,332	13,081,300 9,726,604 5,621,973	14,721,722 3,711,300 3,407,214	87,726,492 30,281,266 16,494,789	84,873,931 35,085,584 15,539,120	48,788,562 22,753,492 14,262,328	32 33 34
72,907,900 22,056,875 11,298,380 7,764,455 3,283,840 1,363,730	30,837,109 11,549,040 6,882,230 5,559,024 2,447,945 1,120,750	41,446,675 18,427,916 13,592,810 9,436,131 4,613,285 2,694,110	60,813,198 24,852,347 12,478,640 17,269,051 7,030,960 3,042,960	10,938,115 4,223,303 1,440,070 2,530,350 905,425 387,250	16,413,214 4,543,723 1,440,070 6,023,677 1,691,147 387,250	44,218,258 12,957,385 5,611,290 5,349,820 1,934,350 672,480	63,610,513 24,905,183 13,802,800 11,649,930 4,771,899 2,252,100	26,651,349 10,321,256 5,082,360 6,173,295 2,710,885 1,180,240	7,822,613 6,748,444 3,089,910 3,034,700 2,002,721 1,056,280	10,336,789 2,467,251 2,119,770 2,267,120 580,400 435,080	69,542,555 22,333,080 12,467,480 9,341,430 3,923,800 1,702,830	65,324,776 23,788,177 13,533,070 9,549,403 5,055,270 2,838,530	32,962,925 15,200,189 9,070,390 8,415,326 4,304,725 2,807,820	35 36 37 38 39 40
2,823,394 752,192 490,220 5,077,016 3,073,892 1,489,293	2,516,923 620,642 456,750 2,847,418 1,733,544 2,005,259	2,703,763 860,600 555,100 6,218,407 3,245,832 2,005,259	6,093,868 1,644,956 557,600 0,237,468 4,425,057 2,410,332	1,120,830 292,899 92,620 1,585,349 904,522 353,484	1,527,814 480,864 250,330 3,112,935 1,600,136 746,598	1,888,172 1,419,758 1,044,520 3,112,935 1,000,136 746,598	5,115,926 1,419,758 671,924 1,044,520 3,112,935 1,000,136	1,849,820 230,635 352,810 3,295,287 1,775,098 2,481,721	556,907 163,020 145,900 1,066,990 745,104 429,883	885,368 163,020 214,820 1,232,445 541,629 637,564	3,434,565 1,271,143 598,600 5,407,942 2,990,711 1,725,879	3,704,170 971,575 709,490 6,295,582 3,560,998 1,908,030	2,476,853 727,941 475,050 4,883,458 2,520,637 1,443,068	41 42 43 44 45 46
44,180 39,976 166.61	21,526 18,761 63.02	26,151 22,250 110.17	15,454 13,141 63.71	13,247 11,031 38.42	8,729 7,266 49.23	46,141 41,759 160.00	20,488 17,919 59.50	21,071 18,216 69.93	13,308 11,655 149.01	16,231 13,896 46.00	34,430 30,959 132.44	27,837 24,557 111.64	20,173 17,127 110.97	47 48 49
927 974 1,121 45.9 197,532 184,441 37,449,566	1,321 1,207 1,606 68.1 307,096 240,720 244,072	1,582 1,036 1,875 69.2 248,623 200,303 34,221,310	5,441 4,976 5,609 82.1 864,820 527,833 67,929,774	1,039 1,002 1,300 85.1 238,961 103,785 11,230,955	2,841 1,943 1,300 92.0 299,640 110,427 20,160,861	531 551 585 44.7 122,012 108,345 21,886,065	3,052 1,321 1,613 69.8 733,960 507,354 51,623,412	1,258 1,321 1,613 69.8 260,134 194,267 22,490,474	767 833 600 78.0 30,602 23,209 7,104,553	705 428 1,259 58.3 175,091 123,450 6,606,489	1,486 1,519 1,814 60.4 209,528 258,462 46,115,490	1,843 2,015 2,344 60.4 344,296 302,514 44,620,749	1,906 1,928 2,362 78.9 223,716 73,709 31,411,771	50 51 52 53 54 55 56
678 249 560 367	955 366 630 691	1,375 207 1,298 283 1	4,499 942 2,806 2,635	776 263 411 628	2,622 219 1,227 1,610 4	383 148 291 240	2,139 913 1,327 1,725	983 275 718 540	723 44 377 380 1	468 237 335 370	1,229 257 905 577 4	1,586 257 1,132 711	1,696 210 1,328 580 61	57 58 59 60 61
11 9 15 2,470 2,430 517,500	13 19 13 3,659 2,593 345,110	44 18 16 10,852 7,774 1,313,444	42 32 11 12,892 8,055 1,101,980	6 11 ----- 2,160 1,590 110,290	15 12 7 2,065 738 197,600	12 11 5 3,940 3,407 580,800	37 26 40 14,806 11,086 1,279,030	29 26 8 7,334 5,194 524,380	19 26 9 8,609 4,205 1,830,560	3 ----- 10 940 925 61,000	23 14 24 6,700 5,022 831,000	58 23 17 12,818 10,582 1,645,550	27 17 21 5,166 3,976 758,921	62 63 64 65 66 67
1,080 836 615 53.5 237,606 215,365 42,705,260	606 337 229 31.2 177,703 151,866 13,604,842	661 656 648 28.9 116,746 95,646 15,351,052	1,144 796 674 17.3 218,027 147,518 17,900,489	176 141 ----- 14.4 43,597 20,098 2,127,310	232 111 407 7.5 31,113 10,736 2,078,530	644 493 407 54.3 150,419 136,293 27,095,213	1,111 626 454 26.5 320,389 88,793 22,358,001	518 321 314 28.7 113,690 88,793 9,809,790	197 208 116 20.0 13,287 8,781 2,432,200	199 99 116 21.9 48,698 35,181 2,946,420	1,039 778 510 40.8 218,346 186,422 31,937,495	1,148 833 652 37.7 228,042 198,675 28,607,880	483 435 385 20.0 68,156 49,566 9,207,559	68 69 70 71 72 73 74
123 468 454 35 779 301	461 67 60 18 463 143	403 24 225 9 603 58	709 67 285 53 926 217 1	131 5 24 13 117 58 1	71 3 127 31 168 63 1	352 191 31	892 63 122 34	303 78 123 14	6 2 169 20	150 11 28 10	335 477 168 59	504 301 285 58	277 19 186 1 411 71 1	75 76 77 78 79 80 81

² Pennington County organized from part of Red Lake County in 1910, but prior to Thirteenth Census date (Apr. 15).

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

		Rock.	Roseau.	St. Louis.	Scott.	Sherburne.	Sibley.	Stearns.	Steele.
ALL FARMS.									
1	Number of farms... 1920.....	1,307	1,854	4,271	1,028	1,400	2,111	4,598	1,880
2	..... 1910.....	1,205	1,602	2,465	1,520	1,190	2,055	4,255	1,824
3	..... 1900.....	1,160	1,444	2,090	1,649	1,034	2,177	4,449	1,801
4	All farmers classified by sex, 1920:								
5	Male..... number.....	1,289	1,777	4,128	1,559	1,302	2,071	4,437	1,213
6	Female..... number.....	18	77	143	69	38	40	161	947
7	Color and nativity of all farmers, 1920:								
8	Native white..... number.....	776	758	732	1,295	925	1,567	3,106	1,271
9	Foreign-born white..... number.....	531	1,090	3,534	333	475	544	1,402	589
10	Negro and other nonwhite..... number.....			5					
11	All farms classified by size, 1920:								
12	Under 3 acres..... number.....	1		20	9	1	2	9	
13	3 to 9 acres..... number.....	11	4	139	53	4	15	83	29
14	10 to 19 acres..... number.....	4	9	133	31	8	19	68	47
15	20 to 49 acres..... number.....	31	34	1,377	114	100	60	257	117
16	50 to 99 acres..... number.....	66	133	1,071	430	317	261	638	403
17	100 to 174 acres..... number.....	554	881	1,234	655	536	997	1,769	833
18	175 to 259 acres..... number.....	221	283	109	239	268	520	1,084	304
19	260 to 499 acres..... number.....	300	425	113	92	143	239	638	122
20	500 to 999 acres..... number.....	28	73	11	5	21	8	49	5
21	1,000 acres and over..... number.....	1	7	4		2		3	
LAND AND FARM AREA.									
22	Approximate land area, 1920..... acres.....	314,880	1,068,800	4,161,920	234,240	286,720	374,400	871,680	275,840
23	Land in farms..... 1920..... acres.....	292,504	416,294	402,351	210,218	224,929	355,809	780,890	250,215
24	..... 1910..... acres.....	288,351	315,106	272,995	207,884	204,537	337,265	761,222	262,555
25	..... 1900..... acres.....	288,397	230,681	59,950	214,254	179,105	357,840	731,323	263,371
26	Improved land in farms..... 1920..... acres.....	267,541	212,214	93,471	120,104	127,894	273,705	490,223	213,245
27	..... 1910..... acres.....	270,719	157,832	41,111	133,661	110,927	283,004	452,310	225,309
28	..... 1900..... acres.....	267,427	74,336	11,406	123,320	98,539	277,643	420,428	226,873
29	Woodland in farms, 1920..... acres.....	5,194	90,517	210,620	38,740	56,401	27,870	162,081	12,611
30	Other unimproved land in farms, 1920..... acres.....	20,069	113,563	98,260	51,284	40,634	54,234	119,595	33,359
31	Per cent of land area in farms, 1920.....	93.0	38.9	9.7	80.7	78.4	95.0	89.5	94.0
32	Per cent of farm land improved, 1920.....	91.4	51.0	23.2	57.2	56.9	76.9	63.9	82.3
33	Average acreage per farm, 1920.....	224.0	224.5	94.2	129.1	160.7	168.5	108.8	139.4
34	Average improved acreage per farm, 1920.....	204.7	114.5	21.9	73.8	91.4	120.7	108.6	114.6
VALUE OF FARM PROPERTY.									
35	All farm property..... 1920..... dollars.....	74,415,126	15,867,819	19,359,240	31,735,437	20,015,189	53,751,195	87,792,388	41,437,240
36	..... 1910..... dollars.....	25,297,025	6,135,882	6,793,209	14,610,955	7,432,444	22,000,808	34,548,484	19,032,088
37	..... 1900..... dollars.....	10,706,914	2,220,643	1,152,486	8,738,720	3,420,146	13,148,368	18,633,814	12,960,558
38	Land in farms..... 1920..... dollars.....	61,218,799	10,438,011	10,178,641	22,741,527	13,691,403	38,633,002	62,281,383	27,012,114
39	..... 1910..... dollars.....	19,493,100	3,875,880	4,093,676	10,034,955	4,678,208	15,240,968	24,301,627	12,143,000
40	..... 1900..... dollars.....	8,103,410	1,422,130	666,560	5,093,540	2,093,230	9,362,280	13,022,280	9,507,150
41	Farm buildings..... 1920..... dollars.....	6,534,780	2,407,203	5,385,763	4,910,250	3,350,590	8,229,255	13,690,030	7,012,605
42	..... 1910..... dollars.....	2,769,525	943,668	1,674,023	2,522,625	1,488,205	3,678,471	4,745,474	3,868,665
43	..... 1900..... dollars.....	978,990	281,890	259,780	1,455,120	572,070	2,020,300	2,619,020	1,717,000
44	Implements and machinery..... 1920..... dollars.....	2,223,561	1,213,008	1,106,288	1,344,023	1,148,193	2,829,696	4,215,894	2,072,000
45	..... 1910..... dollars.....	259,025	344,732	278,049	504,736	338,151	795,439	1,374,117	727,994
46	..... 1900..... dollars.....	300,870	102,550	45,710	275,420	147,720	453,590	744,300	368,520
47	Live stock on farms..... 1920..... dollars.....	4,432,986	1,809,697	2,598,598	2,733,637	1,824,973	4,058,252	7,605,081	3,539,540
48	..... 1910..... dollars.....	2,455,915	971,282	751,861	1,648,630	927,880	2,201,980	4,067,260	2,293,230
49	..... 1900..... dollars.....	1,203,644	413,973	190,436	1,014,640	637,126	1,312,198	2,248,124	1,373,708
50	Average values, 1920:								
51	All property per farm..... dollars.....	56,936	8,559	4,533	19,404	14,297	25,462	19,064	22,278
52	Land and buildings per farm..... dollars.....	61,839	0,928	3,644	16,969	12,173	22,200	16,523	19,000
53	Land alone per acre..... dollars.....	209.08	25.07	25.30	108.18	60.87	108.58	79.76	107.68
FARMS OPERATED BY OWNERS.									
54	Number of farms..... 1920.....	528	1,684	4,069	1,332	1,127	1,547	3,767	1,395
55	..... 1910.....	512	1,690	2,357	1,209	984	1,572	3,553	1,467
56	..... 1900.....	568	1,422	635	1,372	882	1,800	3,701	1,402
57	Per cent of all farms, 1920.....	93.3	90.8	93.3	81.8	80.5	73.3	81.9	75.0
58	Land in farms, 1920..... acres.....	112,271	371,487	373,704	167,936	173,864	254,593	622,719	186,111
59	Improved land in farms, 1920..... acres.....	103,364	188,637	85,659	95,026	98,117	301,684	591,858	154,321
60	Value of land and buildings, 1920..... dollars.....	27,171,500	11,348,159	13,698,419	22,325,667	12,080,673	34,024,533	60,308,207	25,563,274
61	Degree of ownership, 1920:								
62	Farmers owning entire farm..... number.....	428	1,377	3,012	1,180	949	1,386	3,396	1,272
63	Farmers hiring additional land..... number.....	100	307	157	143	178	161	371	123
64	Color and nativity of owners, 1920:								
65	Native white owners..... number.....	289	668	671	1,034	693	1,110	2,404	882
66	Foreign-born white owners..... number.....	229	1,016	3,394	208	434	431	1,273	513
67	Negro and other nonwhite owners..... number.....			4					
FARMS OPERATED BY MANAGERS.									
68	Number of farms..... 1920.....	9	11	56	6	5	12	26	18
69	..... 1910.....	8	3	30	13	9	20	22	13
70	..... 1900.....	10	2	4	7	14	15	27	15
71	Land in farms, 1920..... acres.....	2,970	3,171	18,434	1,266	2,180	1,902	7,371	2,879
72	Improved land in farms, 1920..... acres.....	2,527	1,496	4,679	420	1,025	1,465	3,746	2,574
73	Value of land and buildings, 1920..... dollars.....	1,188,900	92,740	1,321,825	149,650	104,750	274,125	730,080	570,400
FARMS OPERATED BY TENANTS.									
74	Number of farms..... 1920.....	770	159	146	200	268	552	805	447
75	..... 1910.....	685	99	78	208	197	454	682	364
76	..... 1900.....	591	20	54	270	168	353	721	294
77	Per cent of all farms, 1920.....	58.9	8.6	3.4	17.8	19.1	26.1	17.5	24.0
78	Land in farms, 1920..... acres.....	177,563	41,636	10,213	41,016	43,885	99,314	150,800	70,225
79	Improved land in farms, 1920..... acres.....	101,650	22,081	8,233	23,848	28,752	73,556	103,619	55,380
80	Value of land and buildings, 1920..... dollars.....	39,393,179	1,404,315	644,160	5,182,460	3,947,630	12,564,589	14,933,126	9,391,045
81	Form of tenancy, 1920:								
82	Share tenants..... number.....	94	106	21	67	167	207	414	218
83	Cash tenants..... number.....	163	3		22	12	91	97	12
84	Unspecified..... number.....	501	43	115	183	72	254	294	263
85	Color and nativity of tenants, 1920:								
86	Native white tenants..... number.....	12	7	10	18	27			14
87	Foreign-born white tenants..... number.....	478	80	38	255	229	439	680	375
88	Negro and other nonwhite tenants..... number.....	292	79	107	35	39	113	125	72

1 The correction of errors discovered after the 1900 census reports were published would make the improved land in farms for Stevens County 250,151 acres.

WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Stevens.	Swift.	Todd.	Traverse.	Wabasha.	Wadena.	Waseca.	Washington.	Watson.	Wilkin.	Winona.	Wright.	Yellow Medicine.	Indian res.
1,163 1,015 1,156	1,781 1,537 1,705	3,521 2,994 3,034	1,035 942 1,080	1,831 1,787 1,917	1,326 1,004 990	1,609 1,567 1,672	2,014 1,943 1,843	1,402 1,260 1,291	1,163 986 1,117	2,150 2,141 2,359	3,937 3,814 3,992	2,109 1,838 1,872	1 2 3
1,144 19	1,736 45	3,420 95	1,015 20	1,778 53	1,288 38	1,552 57	1,940 74	1,370 32	1,136 27	2,092 58	3,805 132	2,067 42	4 5
797 306	1,208 573	2,275 1,244 2	715 320	1,401 369 1	790 536	1,238 321	1,368 640	977 425	815 347 1	1,706 443 1	2,231 1,706	1,350 747 3	6 7 8
1 2 3 12 34	1 9 5 28 94	26 23 310 964	1 3 2 8 12	4 40 64 90 240	3 12 6 120 307	1 12 11 56 321	15 88 91 291 608	1 24 14 29 140	7 57 48 138 20	4 116 127 466 301	4 9 10 26 118	9 10 11 12 13	
331 254 457 66 3	519 441 603 76 5	1,409 509 206 14	244 181 488 88 8	673 427 271 20 2	512 211 132 21 2	777 225 132 3	600 225 82 13 1	585 372 226 10 1	192 212 562 151 18	748 476 342 30 3	1,375 274 97 2 1	802 605 503 32	14 15 16 17 18
360,960 316,008 304,926 312,081	474,240 447,780 408,661 414,950	612,480 474,951 424,221 365,088	363,520 321,002 317,557 321,708	346,240 317,759 320,894 324,531	344,320 206,503 158,666 141,375	275,840 248,191 256,347 262,467	254,080 221,953 226,312 214,858	277,760 259,566 251,604 255,815	476,800 402,139 335,986 318,998	407,680 373,215 374,234 371,659	442,240 403,305 399,328 383,966	479,360 455,050 451,719 423,714	19 20 21 22
279,283 204,518 1,350,151 3,419 33,906	301,029 302,277 343,863 7,855 48,905	243,303 201,083 151,002 135,567 95,991	300,530 229,613 260,563 5,120 15,352	223,222 69,703 227,089 57,145 37,392	102,323 69,703 61,284 60,640 34,540	193,270 206,512 225,134 13,543 41,378	156,859 152,745 145,851 40,414 24,680	225,999 225,847 219,558 4,606 28,961	389,687 318,237 267,764 2,671 9,781	233,241 237,674 230,698 111,730 28,244	260,300 237,792 215,436 71,876 71,129	388,729 379,135 353,090 11,024 57,397	23 24 25 26 27
87.5 88.4 271.7 240.1	94.4 87.3 251.4 219.6	77.5 51.2 134.9 69.1	88.3 93.6 310.1 290.4	91.8 70.2 173.5 121.9	60.0 49.6 155.7 77.2	90.0 77.9 154.3 120.1	87.4 70.7 110.2 77.9	93.4 87.1 185.1 161.2	84.3 98.9 345.8 335.1	91.5 82.5 173.6 108.5	91.2 84.5 102.4 66.1	95.6 84.0 217.2 184.3	28 29 30 31
30,800,094 13,774,191 6,653,261	60,274,447 18,206,728 9,461,736	45,617,793 15,854,493 8,425,069	34,005,549 16,206,339 7,024,849	41,951,182 19,702,340 12,080,170	14,405,238 4,697,499 2,034,921	40,980,885 17,289,607 12,502,254	30,842,402 16,384,539 9,062,150	46,305,552 16,300,220 9,506,562	37,315,590 15,832,394 7,282,265	43,221,093 22,718,884 14,371,809	67,483,992 27,022,225 14,108,289	71,592,313 24,607,037 12,069,526	32 33 34
28,990,240 10,295,020 4,734,980 3,935,115 1,678,570 839,790	38,920,239 13,193,253 6,854,510 5,574,605 2,409,185 1,156,730	30,528,770 10,389,685 6,027,330 8,422,080 2,911,180 1,093,040	27,191,274 12,346,742 5,314,080 3,701,965 1,019,090 792,540	27,852,985 13,530,700 8,600,910 7,826,180 3,270,015 1,797,960	9,813,750 3,060,759 1,314,530 2,380,405 788,070 284,990	29,483,410 11,821,583 9,164,340 6,257,174 3,108,342 1,727,340	18,807,877 10,200,287 6,130,030 9,911,611 3,819,045 1,699,530	34,057,494 11,006,795 7,006,990 5,671,458 2,434,365 1,225,400	29,197,150 11,904,407 5,400,700 3,996,332 1,920,558 745,930	27,885,090 14,711,291 10,182,780 8,723,701 4,431,690 2,312,390	45,241,359 17,927,308 9,493,540 12,048,281 5,730,905 2,414,470	55,504,048 17,892,176 9,030,800 8,327,948 3,392,948 1,336,790	35 36 37 38 39 40
1,564,859 450,700 326,930 2,399,880 1,849,901 751,861	2,202,673 674,777 401,830 3,776,930 1,929,513 1,048,666	2,454,377 601,620 355,020 4,212,566 1,052,008 948,679	1,705,203 556,708 282,000 2,307,107 1,473,799 636,229	2,100,896 663,545 398,360 4,084,121 2,238,080 1,282,940	748,372 203,480 112,760 1,462,711 645,181 322,641	2,020,474 520,076 310,910 3,219,827 1,839,606 1,241,184	1,875,322 587,150 302,890 3,247,592 1,728,057 921,680	1,905,090 505,927 302,890 3,771,510 1,753,183 1,031,282	2,049,002 565,083 323,400 2,102,206 1,851,746 722,235	2,200,974 895,592 401,120 4,411,819 2,710,811 1,415,519	3,339,038 994,202 533,970 6,255,294 3,269,750 1,649,809	3,261,333 830,964 450,420 4,498,954 2,484,919 1,245,516	41 42 43 44 45 46
31,094 28,285 91.64	28,228 24,983 86.92	12,056 11,062 64.28	33,725 29,849 84.71	22,013 19,498 87.65	10,804 9,196 47.52	25,470 22,213 118.79	15,314 12,770 84.74	33,028 28,979 134.68	32,086 28,515 72.60	20,103 17,027 74.72	17,141 14,704 112.18	33,946 30,266 121.17	47 48 49
615 664 971 52.9 165,697 147,717 17,242,665	1,134 1,120 1,481 63.7 284,167 248,343 28,379,819	2,886 2,577 2,095 82.0 378,550 190,798 30,843,110	451 569 830 43.6 137,817 129,075 13,755,998	1,273 1,297 1,487 69.5 216,631 149,002 24,653,565	1,118 879 889 84.3 168,385 82,316 9,766,105	1,145 1,210 1,327 71.2 171,340 133,211 24,907,817	1,558 1,584 1,517 77.4 163,396 114,519 18,737,073	853 804 956 60.8 148,133 129,124 23,843,812	659 604 878 54.9 217,844 210,532 18,362,171	1,604 1,566 1,852 74.6 263,855 167,818 26,557,880	3,291 3,252 3,447 83.0 332,465 214,505 47,873,985	1,324 1,279 1,530 62.8 279,520 239,099 30,561,701	50 51 52 53 54 55 56
459 156 358 257	831 303 678 456	2,592 204 1,727 1,157 2	357 94 258 103	1,107 166 979 294	977 141 610 508	981 164 898 247	1,342 216 983 575	658 105 536 317	353 286 393 246	1,470 134 1,220 383 1	2,877 414 1,688 1,603	1,065 259 772 550 2	57 58 59 60 61
5 15 10 1,380 1,189 158,800	8 11 10 1,008 952 144,100	6 25 17 1,485 1,109 135,000	18 16 14 5,067 5,196 544,000	10 12 12 1,284 925 165,500	10 2 4 2,864 1,300 97,450	13 6 10 2,963 2,535 555,850	50 41 23 11,000 7,725 1,571,750	16 11 5 5,321 4,406 852,620	16 18 15 8,938 8,417 836,775	19 18 11 4,364 1,829 404,680	19 11 12 2,269 1,255 366,390	19 25 12 6,122 4,356 773,700	62 63 64 65 66 67
543 336 175 46.7 148,931 130,377 15,493,890	639 304 304 35.9 102,014 141,734 15,970,865	629 392 322 17.9 94,616 61,486 7,972,140	566 357 242 54.7 177,618 166,259 16,592,641	548 478 418 29.9 99,844 72,695 10,800,100	198 123 97 14.9 35,254 18,707 2,340,000	451 351 335 28.0 73,888 67,524 10,276,917	406 318 303 20.2 47,557 34,615 5,390,665	533 304 330 38.0 106,112 92,469 15,932,520	508 303 221 43.7 175,357 170,738 13,964,536	527 527 492 24.5 99,996 63,594 9,646,240	627 551 534 15.9 68,551 44,420 23,496,535	766 531 321 36.3 172,408 145,274 23,496,535	68 69 70 71 72 73 74
192 280 54 17	306 194 108 31	322 21 285 1	367 138 29 32	226 124 196 2	135 7 56	199 40 215	78 171 308	146 174 205 8	329 139 24 16	285 25 216 1	227 29 334 37	295 202 247 22	75 76 77 78
436 107	524 115	543 86	445 121	474 73 1	378 27	346 60	427 106	413 94 1	471 56	524 103	574 191 1	70 80 81	

AGRICULTURE—MINNESOTA.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

	THE STATE.	Aitkin.	Anoka.	Becker.	Beltrami.	Benton.	Big Stone.	Blue Earth.
DOMESTIC ANIMALS: 1920.								
1 Farms reporting domestic animals..... number.....	173,094	1,881	1,533	2,532	2,566	1,536	999	2,896
2 Value of all domestic animals..... dollars.....	293,378,818	1,632,928	1,016,953	2,837,669	1,571,259	2,218,239	2,167,940	5,688,755
Horses:								
3 Total number.....	932,794	4,726	5,502	11,718	5,388	6,701	8,385	17,476
4 Colts under 1 year of age.....	45,587	256	101	526	195	386	373	1,201
5 Colts 1 year old and under 2 years.....	60,272	233	238	722	204	435	405	1,269
6 Mares 2 years old and over.....	432,615	2,179	2,599	5,502	2,446	3,121	3,949	8,142
7 Geldings 2 years old and over.....	389,347	2,010	2,542	4,888	2,470	2,735	3,535	6,790
8 Stallions 2 years old and over.....	8,973	39	32	80	73	24	33	74
9 Total value..... dollars.....	83,027,777	473,429	513,652	1,023,791	555,153	619,401	746,735	1,439,761
Mules:								
10 Total number.....	10,238	113	00	92	140	64	128	179
11 Mule colts under 1 year of age.....	1,055	3	2	5	1	7	18	40
12 Mule colts 1 year old and under 2 years.....	1,030	4	4	3	3	1	25	21
13 Mules 2 years old and over.....	8,153	106	54	87	136	56	85	118
14 Total value..... dollars.....	1,062,973	11,576	6,700	9,460	16,740	6,980	14,303	18,252
Asses and burros:								
15 Total number.....	201	—	—	4	3	1	1	2
16 Total value..... dollars.....	26,794	—	—	180	85	25	300	1,200
Cattle:								
17 Total number.....	3,021,469	19,407	20,588	35,062	17,896	29,872	19,976	51,835
18 Total value..... dollars.....	161,243,703	932,302	1,244,303	1,510,474	881,748	1,328,792	904,198	2,817,368
Beef cattle—								
19 Total number.....	940,842	1,472	1,010	6,595	1,954	5,025	10,000	19,365
20 Calves under 1 year of age.....	248,310	354	137	1,017	751	2,331	2,082	4,551
21 Heifers 1 year old and under 2 years.....	112,417	180	100	1,551	174	344	1,266	2,371
22 Cows and heifers 2 years old and over.....	252,188	399	205	1,444	437	709	2,995	6,261
23 Steers 1 year old and under 2 years.....	182,242	368	342	1,546	328	1,709	2,302	3,261
24 Steers 2 years old and over.....	120,620	117	205	913	197	691	1,015	2,375
25 Bulls 1 year old and over.....	25,061	54	30	224	67	81	280	546
26 Total value..... dollars.....	42,804,768	74,711	52,612	252,958	77,995	190,278	482,284	995,687
Dairy cattle—								
27 Total number.....	2,080,627	17,935	19,879	28,467	15,942	23,947	9,376	32,470
28 Calves under 1 year of age.....	479,210	4,987	3,022	2,022	1,901	2,961	2,389	6,998
29 Heifers 1 year old and under 2 years.....	303,279	2,543	2,574	3,130	2,205	3,021	1,370	4,715
30 Cows and heifers 2 years old and over.....	1,229,179	9,855	12,339	15,478	8,816	14,578	5,327	19,763
31 Bulls 1 year old and over.....	68,959	550	554	927	520	792	284	994
32 Total value..... dollars.....	108,438,935	907,591	1,191,691	1,257,516	753,753	1,138,514	421,914	1,821,681
Sheep:								
33 Total number.....	509,064	7,281	663	8,276	8,492	4,692	3,707	7,310
34 Lambs under 1 year of age.....	136,685	2,025	194	2,027	2,865	1,210	1,015	1,998
35 Ewes 1 year old and over.....	351,691	4,884	448	5,864	5,627	3,482	2,692	5,312
36 Rams 1 year old and over.....	14,073	245	21	245	242	183	87	187
37 Wethers 1 year old and over.....	6,615	127	—	140	101	20	52	103
38 Total value..... dollars.....	5,745,518	78,635	5,721	86,729	85,882	53,874	46,265	77,764
Goats:								
39 Total number.....	2,745	37	21	55	133	10	7	2
40 Total value..... dollars.....	18,180	299	192	415	956	80	37	15
Swine:								
41 Total number.....	2,380,862	4,366	7,425	9,322	4,110	10,084	20,762	61,318
42 Pigs under 6 months old.....	627,745	2,143	2,678	2,805	1,802	3,455	3,052	17,402
43 Sows and gilts for breeding, 6 months old and over.....	617,538	1,186	1,608	2,852	1,138	2,992	4,890	15,830
44 Boars for breeding, 6 months old and over.....	52,436	136	136	323	142	319	402	1,307
45 All other hogs, 6 months old and over.....	1,083,143	901	3,103	3,342	938	3,318	11,812	26,669
46 Total value..... dollars.....	52,245,873	86,482	140,325	206,520	80,695	200,087	456,102	1,334,395
POULTRY AND BEES: 1920.								
47 Chickens..... number.....	13,212,619	48,376	80,222	120,368	82,143	83,876	80,383	283,484
48 Other poultry..... number.....	450,824	1,446	1,962	4,457	1,582	3,352	5,612	12,528
49 Value of all poultry..... dollars.....	11,405,427	42,820	83,488	89,459	58,074	63,104	77,169	273,507
50 Bees..... number of hives.....	67,444	257	773	192	697	899	122	2,097
51 Total value..... dollars.....	384,580	6,309	4,596	1,634	5,671	3,724	780	9,515
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
52 Milk produced (as reported)..... gallons.....	388,217,369	4,134,496	4,055,229	5,132,567	3,021,098	3,244,708	1,744,099	6,883,296
53 Milk sold..... gallons.....	43,151,696	32,174	2,442,650	86,179	126,700	127,529	38,235	285,217
54 Cream sold..... gallons.....	5,885,538	73,580	57,012	64,556	47,696	133,836	16,701	91,842
55 Butter fat sold..... pounds.....	82,412,061	875,063	209,379	1,020,232	320,246	770,990	138,323	1,581,509
56 Butter made on farms..... pounds.....	20,205,076	273,521	140,993	418,292	308,721	158,914	208,201	192,338
57 Butter sold..... pounds.....	4,392,185	34,174	81,326	76,426	116,764	14,043	84,653	127,093
58 Cheese made on farms..... pounds.....	71,820	585	30	89	—	—	110	70
59 Value of dairy products..... dollars.....	77,870,358	627,299	847,414	877,708	478,895	725,596	230,765	1,333,553
60 Receipts from sale of dairy products..... dollars.....	69,768,068	500,106	815,613	709,947	351,644	669,640	147,896	1,269,201
61 Average production of milk per dairy cow..... gallons.....	—	457	354	403	408	317	284	326
Eggs and chickens:								
62 Eggs produced (as reported)..... dozens.....	56,420,490	208,461	408,054	523,058	262,382	388,051	319,888	1,198,596
63 Eggs sold..... dozens.....	37,639,899	99,352	205,035	323,518	109,177	218,078	182,147	850,187
64 Chickens raised (as reported)..... number.....	13,140,573	52,594	98,825	109,181	73,479	120,390	83,105	280,521
65 Chickens sold..... number.....	5,022,749	17,319	34,033	38,396	18,632	22,478	30,079	123,793
66 Value of chickens and eggs produced..... dollars.....	30,692,226	117,569	242,388	255,129	163,105	223,819	169,930	648,771
67 Receipts from sale of chickens and eggs..... dollars.....	17,506,649	50,289	107,534	137,676	58,058	92,490	82,223	301,921
Honey and wax:								
68 Honey produced..... pounds.....	1,251,102	20,015	12,925	3,719	18,110	18,409	1,720	24,654
69 Wax produced..... pounds.....	15,470	569	192	110	178	237	15	453
70 Value of honey and wax..... dollars.....	368,855	8,026	3,823	1,122	5,321	5,431	505	10,227
Wool:								
71 Sheep shorn..... number.....	339,834	4,728	379	5,604	5,810	4,079	2,769	4,722
72 Wool produced (as reported)..... pounds.....	2,488,907	30,632	2,712	35,950	38,208	28,808	21,864	37,519
73 Value..... dollars.....	1,278,908	15,254	1,407	17,377	19,508	13,451	10,979	18,993

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1 Inclosures reporting domestic animals.....	36,801	377	270	531	571	278	218	568
2 Horses, total number.....	56,746	618	222	996	1,235	316	349	791
3 Mules, total number.....	1,306	10	3	10	24	5	22	7
4 Asses and burros, total number.....	51	1	—	—	—	—	4	1
5 Cattle, total number.....	55,986	1,030	372	1,285	685	801	406	583
6 Dairy cows.....	36,185	565	271	609	400	250	256	430
7 Sheep, total number.....	6,973	349	—	40	213	2	1	9
8 Goats, total number.....	306	8	5	4	1	—	1	3
9 Swine, total number.....	33,339	296	82	448	382	121	456	602

1920; AND LIVE-STOCK PRODUCTS, 1919.

Brown.	Carlton.	Carver.	Cass.	Chippewa.	Chisago.	Clay.	Clearwater.	Cook.	Cottonwood.	Crow Wing.	Dakota.	Dodge.	Douglas.	
1,924	1,831	1,952	1,515	1,592	2,145	1,924	1,183	124	1,784	1,247	2,302	1,606	2,446	1
3,030,260	1,457,370	3,539,091	1,352,764	3,445,116	2,801,840	3,515,113	1,032,317	64,509	4,103,415	1,251,510	4,099,362	3,802,307	3,194,367	2
12,610	3,977	8,552	4,578	11,597	7,259	16,190	3,810	147	14,037	3,954	11,623	9,934	11,699	3
632	131	335	227	409	183	664	169	1	809	154	526	650	565	4
795	190	500	267	658	334	904	212	2	1,242	194	724	735	641	5
5,809	1,825	3,900	2,200	5,498	3,270	7,361	1,713	40	6,776	1,870	5,178	4,748	5,702	6
5,290	1,809	3,794	1,837	4,916	3,453	7,174	1,679	91	5,663	1,705	5,128	3,760	4,744	7
24	22	23	47	26	19	87	37	4	57	31	67	41	47	8
1,054,533	494,670	836,250	403,734	946,129	780,862	1,506,341	379,948	21,850	1,190,895	379,886	1,156,346	845,680	933,632	9
131	23	56	157	132	25	204	77	2	185	40	99	113	46	10
16	3	3	3	8	6	6	5	5	27	2	2	36	11	11
13	6	6	9	11	1	12	12	2	30	2	2	5	12	12
102	23	47	145	113	24	186	60	2	128	40	95	72	41	13
14,592	3,045	6,950	18,323	13,780	2,725	19,660	8,339	400	18,121	4,735	9,789	10,611	4,275	14
2	2	3	2	2	3	3	3	3	8	5	2	2	15	15
50	60	150	110	25	160	160	160	160	310	150	180	800	16	16
37,369	14,327	35,671	16,241	31,740	33,452	29,579	13,182	590	41,085	15,342	34,799	40,611	40,867	17
1,663,256	854,806	2,120,492	763,270	1,561,596	1,751,022	1,727,860	547,432	36,234	1,756,678	713,478	2,317,912	2,306,211	1,814,189	18
11,834	384	1,852	2,122	14,779	3,333	7,007	1,845	58	21,465	1,806	9,229	8,563	10,231	19
2,654	150	107	564	3,900	658	2,041	502	29	5,997	509	1,339	1,523	2,080	20
1,479	60	239	270	1,934	269	711	222	3	2,877	129	649	868	1,275	21
3,307	105	294	709	4,357	264	1,451	620	11	5,861	217	1,833	2,099	3,186	22
2,214	52	511	405	2,404	1,208	1,585	321	9	3,919	597	2,264	2,702	2,126	23
1,782	9	549	97	1,730	899	915	114	5	2,207	236	2,987	1,229	1,304	24
308	8	32	77	454	35	304	66	1	601	28	157	142	260	25
539,820	17,567	101,406	94,540	750,388	153,494	290,984	71,214	1,968	891,823	63,034	614,447	435,204	400,953	26
25,535	13,943	33,819	14,119	16,961	30,119	22,572	11,337	538	19,620	13,536	25,570	32,048	30,636	27
5,170	3,625	4,937	3,964	4,292	6,071	5,855	3,534	144	4,096	3,358	4,774	7,703	7,680	28
3,346	2,056	4,079	2,264	2,277	4,602	3,110	1,604	78	2,651	2,116	3,753	4,988	4,305	29
16,113	7,847	23,577	7,397	9,766	18,377	12,789	5,860	303	11,388	7,615	16,095	18,415	17,504	30
906	415	1,226	394	626	1,069	818	339	13	585	447	948	942	1,147	31
1,123,427	837,239	2,019,086	668,730	811,208	1,597,528	1,430,876	476,218	34,236	864,850	650,444	1,703,465	1,630,917	1,407,236	32
3,314	3,577	1,460	7,417	2,830	1,372	5,730	4,678	233	5,424	6,813	2,130	1,996	6,582	33
1,032	812	367	1,907	1,060	315	1,411	1,293	4	1,333	1,365	508	490	1,814	34
2,092	2,589	991	5,276	1,650	945	4,017	3,243	221	3,830	5,237	1,522	1,441	4,580	35
124	155	94	173	75	77	151	133	8	132	106	54	47	158	36
66	21	8	61	54	35	151	9	9	129	45	55	18	30	37
35,311	48,142	17,042	83,253	20,854	15,025	73,451	41,967	4,514	67,541	70,510	24,832	25,085	71,634	38
23	16	1	78	3	6	44	58	58	7	116	10	5	7	39
120	124	5	566	23	50	227	357	357	67	689	68	33	38	40
44,234	2,080	29,753	4,372	39,125	10,499	8,290	2,577	59	53,244	3,779	28,437	26,072	17,224	41
10,005	1,413	14,440	1,730	7,033	3,176	1,875	903	24	9,697	1,488	9,535	5,040	5,040	42
10,835	654	5,803	1,399	9,495	2,670	2,388	890	15	13,026	1,183	5,978	6,973	5,022	43
934	95	582	161	868	197	284	114	4	1,003	125	608	590	439	44
22,460	518	8,928	1,082	21,720	4,453	3,740	670	13	29,518	963	13,239	8,974	6,723	45
862,389	56,523	558,193	83,608	893,709	251,556	187,414	54,274	1,511	1,069,818	82,062	590,235	552,987	370,599	46
223,663	56,444	200,362	52,623	176,161	127,066	127,250	41,716	3,201	198,854	50,191	162,290	148,562	161,623	47
8,957	4,311	591	1,494	5,343	829	5,719	825	14	7,039	1,188	4,044	4,069	7,841	48
181,085	57,529	154,557	49,602	141,074	94,906	102,748	31,740	3,206	174,306	49,285	154,178	140,799	121,263	49
752	298	1,263	725	359	827	68	268	601	601	1,066	721	1,272	602	50
4,377	2,034	5,996	5,411	1,701	6,835	594	1,602	1,602	2,693	5,489	4,230	4,885	2,925	51
3,808,074	3,341,846	7,895,487	2,774,779	2,551,978	6,453,355	3,707,347	2,550,043	163,087	3,314,048	2,596,820	5,526,281	6,510,409	5,953,151	52
81,921	389,663	2,165,915	105,125	121,104	790,380	447,867	25,673	4,196	52,905	143,302	2,045,989	3,126,895	123,872	53
235,394	50,660	15,111	28,516	40,613	84,678	44,566	4,170	405	37,977	21,827	73,824	43,444	35,968	54
595,245	493,277	2,122,076	467,281	421,140	1,490,570	455,875	532,265	6,707	737,374	384,487	542,717	981,324	1,260,116	55
110,457	332,983	12,670	206,946	353,062	48,305	437,297	184,818	24,533	225,704	274,591	244,852	123,917	325,874	56
16,439	112,694	3,086	52,416	81,002	20,092	104,775	20,856	9,794	22,572	105,497	102,347	23,980	41,207	57
556	2,920	3,355	124	316	5	115	772	233	259	75	330	80	657	58
689,074	623,932	1,870,247	443,682	531,727	1,237,526	633,685	408,813	17,982	607,514	450,432	1,043,016	1,383,016	980,872	59
641,827	510,164	1,870,819	363,119	390,889	1,221,510	474,260	336,139	10,625	493,716	364,409	969,128	1,329,961	835,478	60
267	461	398	383	243	355	327	435	554	207	353	407	360	340	61
833,978	270,771	986,314	234,400	689,387	649,278	508,109	202,028	20,174	778,116	261,884	619,860	638,752	742,508	62
607,741	182,787	685,906	109,030	489,330	450,502	263,093	125,624	9,567	582,501	131,699	327,267	440,799	504,491	63
228,743	65,990	168,370	93,288	100,366	100,513	125,548	33,548	2,759	209,703	65,104	179,308	151,723	151,735	64
80,500	20,828	60,450	14,143	63,397	37,158	41,291	9,855	504	84,510	20,466	73,472	74,284	59,116	65
468,024	159,601	486,402	151,052	342,510	318,090	265,733	91,845	11,583	436,515	153,168	413,727	357,716	369,023	66
275,098	95,065	200,082	60,976	208,931	199,824	130,063	50,119	4,830	209,450	70,248	197,962	225,042	213,423	67
11,368	7,199	16,513	17,639	3,890	18,623	950	3,411	60	7,606	17,880	13,470	23,849	6,805	68
79	150	206	131	46	238	22	60	60	134	193	84	60	126	69
3,328	2,147	4,899	5,166	1,146	5,494	285	1,012	285	2,258	5,293	3,930	6,939	2,022	70
2,382	1,947	1,066	5,130	1,642	928	2,289	2,024	13	3,544	5,250	1,747	1,631	4,871	71
16,143	12,211	8,734	32,579	13,433	6,491	17,021	17,706	110	28,405	34,166	13,086	12,628	36,075	72
8,136	6,887	4,171	17,078	8,175	3,460	8,978	12,583	78	14,493	17,149	7,810	8,728	13,040	73

NOT ON FARMS OR RANGES: 1920.

551	374	430	457	228	179	231	222	45	362	628	505	281	388	1
526	375	409	811	375	233	485	872	79	443	674	645	496	474	2
11	5	14	24	35	6	11	4	1	84	27	2	4	10	3
685	650	504	978	373	244	421	471	76	537	1,166	3,348	367	627	5
550	343	332	674	189	188	267	290	42	428	874	337	257	465	6
9	4	2	326	1	60	100	5	5	94	264	7	8	7	7
1	1	3	10	1	2	4	4	4	12	7	7	7	8	8
459	260	416	304	289	57	52	133	55	380	257	4,576	89	166	9

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

		Faribault.	Fillmore.	Freeborn.	Goodhue.	Grant.	Hennepin.	Houston.	Hubbard.
DOMESTIC ANIMALS: 1920.									
1	Farms reporting domestic animals.....number..	2,306	3,084	2,529	3,092	1,278	3,717	1,946	1,196
2	Value of all domestic animals.....dollars..	6,152,412	7,540,279	5,741,738	6,922,524	2,531,721	4,645,194	3,864,384	1,002,252
3	Horses:								
4	Total number.....	17,596	19,440	16,057	17,640	9,207	11,735	10,024	3,555
5	Colts under 1 year of age.....	1,174	1,447	889	917	478	314	750	151
6	Colts 1 year old and under 2 years.....	1,348	1,755	1,110	1,247	540	415	890	187
7	Mares 2 years old and over.....	8,182	9,516	7,601	8,288	4,362	4,850	4,043	1,682
8	geldings 2 years old and over.....	6,899	6,622	6,371	7,101	3,799	6,118	3,700	1,512
9	Stallions 2 years old and over.....	55	100	86	87	23	38	41	23
10	Total value.....dollars..	1,450,495	1,731,132	1,295,614	1,781,855	858,478	1,149,681	818,753	354,862
11	Mules:								
12	Total number.....	155	112	161	70	124	114	53	67
13	Mule colts under 1 year of age.....	36	26	9	2	13	5	9	1
14	Mule colts 1 year old and under 2 years.....	30	12	6	4	12	30	-----	4
15	Mules 2 years old and over.....	89	74	146	64	99	79	44	62
16	Total value.....dollars..	10,140	10,916	16,872	9,349	12,200	13,115	4,845	6,915
17	Asses and burros:								
18	Total number.....	1	5	6	2	4	5	2	1
19	Total value.....dollars..	300	1,510	555	35	1,450	118	675	1,000
20	Cattle:								
21	Total number.....	48,284	79,715	64,281	65,850	26,334	38,105	46,813	9,083
22	Total value.....dollars..	2,395,671	3,736,280	3,136,912	4,126,404	1,214,215	2,744,885	2,013,253	508,023
23	Beef cattle:								
24	Total number.....	20,048	41,404	17,178	22,034	11,030	1,754	28,925	527
25	Calves under 1 year of age.....	5,233	13,030	4,155	5,730	3,224	244	9,732	190
26	Heifers 1 year old and under 2 years.....	2,440	5,114	1,904	2,490	1,179	201	4,002	41
27	Cows and heifers 2 years old and over.....	5,598	9,820	3,624	6,120	2,551	355	7,503	98
28	Steers 1 year old and over.....	3,550	9,024	3,902	4,171	2,057	535	4,812	119
29	Steers 2 years old and over.....	2,651	3,481	3,206	3,041	1,368	385	2,172	66
30	Bulls 1 year old and over.....	576	935	387	542	351	34	704	13
31	Total value.....dollars..	970,749	1,780,553	753,147	1,107,702	470,178	90,606	1,147,595	19,133
32	Dairy cattle:								
33	Total number.....	28,236	38,311	47,103	43,756	15,304	36,351	17,888	9,166
34	Calves under 1 year of age.....	6,822	10,080	10,320	8,352	3,753	5,231	3,928	2,318
35	Heifers 1 year old and under 2 years.....	4,195	6,877	7,005	6,291	2,113	4,900	2,461	1,323
36	Cows and heifers 2 years old and over.....	16,305	21,329	28,212	27,534	8,899	25,146	11,062	5,232
37	Bulls 1 year old and over.....	944	1,034	1,560	1,579	534	1,074	437	277
38	Total value.....dollars..	1,424,922	1,955,727	2,383,705	3,018,642	735,037	2,645,279	865,658	488,890
39	Sheep:								
40	Total number.....	6,003	15,598	3,132	7,075	3,764	17,600	3,891	5,269
41	Lambs under 1 year of age.....	1,374	3,335	775	1,611	1,077	3,636	1,004	1,391
42	Ewes 1 year old and over.....	4,103	11,840	2,155	5,190	2,553	12,675	2,734	3,682
43	Rams 1 year old and over.....	218	404	103	220	81	872	130	150
44	Wethers 1 year old and over.....	308	19	69	54	23	917	23	46
45	Total value.....dollars..	74,917	200,891	36,617	80,453	47,804	222,374	46,604	59,914
46	Goats:								
47	Total number.....	6	17	30	13	-----	42	62	15
48	Total value.....dollars..	38	115	130	74	-----	480	665	84
49	Swine:								
50	Total number.....	74,478	79,255	59,510	36,701	16,003	25,291	40,827	3,233
51	Pigs under 6 months old.....	19,800	22,547	17,460	9,237	2,507	12,910	9,445	911
52	Sows and gilts for breeding, 6 months old and over.....	19,247	21,610	15,778	10,670	3,936	5,027	13,850	1,163
53	Boars for breeding, 6 months old and over.....	1,882	1,500	1,255	993	434	460	993	113
54	All other hogs, 6 months old and over.....	33,569	35,799	24,987	15,801	9,126	6,894	16,549	1,046
55	Total value.....dollars..	2,214,851	1,859,435	1,255,008	924,364	397,574	514,535	979,589	71,454
POULTRY AND BEES: 1920.									
56	Chickens.....number..	255,706	275,783	298,035	264,325	109,024	229,280	159,133	46,195
57	Other poultry.....number..	11,130	5,819	11,594	4,789	6,849	3,301	2,235	782
58	Value of all poultry.....dollars..	267,533	249,574	289,109	235,754	103,341	230,366	139,416	38,488
59	Bees.....number of hives..	1,155	3,251	1,053	1,407	169	2,347	268	136
60	Total value.....dollars..	4,293	20,568	5,442	7,440	1,401	19,338	1,175	1,130
LIVE-STOCK PRODUCTS: 1919.									
61	Dairy products:								
62	Milk produced (as reported).....gallons..	4,185,227	6,273,627	4,187,061	10,734,311	3,354,350	9,106,841	3,792,239	1,675,255
63	Milk sold.....gallons..	163,531	70,433	226,335	3,555,174	99,508	4,744,450	29,001	21,934
64	Cream sold.....gallons..	39,337	45,326	88,455	73,420	43,678	141,335	90,609	15,154
65	Butter fat sold.....pounds..	1,261,840	1,918,283	2,795,651	1,922,093	523,454	1,121,274	944,414	235,938
66	Butter made on farms.....pounds..	108,057	367,473	62,890	335,540	248,436	244,754	264,689	217,834
67	Butter sold.....pounds..	42,556	25,931	17,555	90,216	25,536	106,596	35,701	83,132
68	Cheese made on farms.....pounds..	-----	-----	-----	8,023	820	9,925	185	100
69	Value of dairy products.....dollars..	971,887	1,392,289	1,999,397	2,302,190	492,972	2,371,224	893,571	269,947
70	Receipts from sale of dairy products.....dollars..	930,551	1,224,960	1,971,337	2,236,226	385,578	2,295,189	683,758	205,633
71	Average production of milk per dairy cow.....gallons..	250	363	351	384	348	428	345	379
72	Eggs and chickens:								
73	Eggs produced (as reported).....dozens..	1,048,345	984,514	1,131,831	1,142,148	437,076	1,231,581	604,709	202,072
74	Eggs sold.....dozens..	781,390	795,902	978,273	863,161	330,527	998,623	448,707	102,981
75	Chickens raised (as reported).....number..	257,611	268,839	305,850	223,510	105,473	253,053	376,196	52,587
76	Chickens sold.....number..	120,287	125,155	148,851	101,593	43,124	89,525	78,115	12,490
77	Value of chickens and eggs produced.....dollars..	640,705	581,168	681,808	628,232	247,069	720,380	537,462	109,391
78	Receipts from sale of chickens and eggs.....dollars..	418,783	389,344	485,804	412,690	148,527	362,815	223,166	47,201
79	Honey and wax:								
80	Honey produced.....pounds..	15,058	91,076	17,720	33,637	3,874	46,674	4,364	2,113
81	Wax produced.....pounds..	10	673	393	321	86	1,389	26	5
82	Value of honey and wax.....dollars..	4,371	26,674	5,294	9,880	1,137	14,077	1,276	615
83	Wool:								
84	Sheep shorn.....number..	4,447	11,885	2,254	5,734	2,747	2,612	3,311	3,757
85	Wool produced (as reported).....pounds..	34,219	95,569	16,939	47,152	21,964	18,773	25,213	25,138
86	Value.....dollars..	19,122	52,727	8,240	24,702	11,060	9,753	13,270	13,510

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1	Inclosures reporting domestic animals.....	581	675	283	595	162	2,070	202	277
2	Horses, total number.....	913	988	463	1,051	276	5,496	240	452
3	Mules, total number.....	5	4	15	10	6	271	8	16
4	Asses and burros, total number.....	-----	-----	-----	1	1	6	-----	-----
5	Cattle, total number.....	894	912	368	791	193	1,505	247	480
6	Dairy cows.....	527	640	246	597	154	1,071	202	280
7	Sheep, total number.....	186	94	14	2	-----	266	-----	267
8	Goats, total number.....	5	-----	-----	2	-----	14	-----	1
9	Swine, total number.....	1,436	353	449	158	29	790	81	210

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Isanti.	Itasca.	Jackson.	Kanabec.	Kandiyohi.	Kittson.	Koochiching.	Lac qui Parle.	Lake.	Le Sueur.	Lincoln.	Lyon.	McLeod.	Mahnom.
2,160 2,018,883	1,265 836,285	2,155 5,406,913	1,528 1,822,025	2,386 4,873,899	1,378 2,312,263	708 456,906	1,977 4,169,892	195 110,404	2,205 3,394,340	1,451 3,296,207	1,795 4,223,557	2,400 4,309,617	582 776,926
7,291 147 239 3,470 3,409 26 733,775	2,592 104 140 1,154 1,165 20 302,888	15,755 826 1,077 7,062 6,743 47 1,308,185	4,827 115 171 2,482 2,039 20 469,592	14,539 531 726 6,753 6,478 51 1,287,966	10,188 482 631 4,519 4,511 45 1,444,222	1,540 73 83 901 764 29 192,224	15,545 641 4 7,269 6,602 44 1,324,166	285 4 705 114 164 1 30,770	10,087 506 506 4,653 4,270 42 939,193	10,273 410 769 4,829 4,288 32 818,961	13,591 769 899 6,598 5,279 46 1,256,698	11,358 440 654 5,319 4,907 38 1,113,503	3,339 223 275 1,451 1,377 13 285,579
40 2 1 37 4,731	42 2 3 37 5,245	420 112 92 216 41,930	79 3 76 8,375	118 6 8 104 12,205	195 5 7 183 23,010	20 1 10 2,300	202 6 11 185 25,333	..... ..... ..... ..... .....	45 2 11 43 5,105	104 6 5 87 13,535	206 35 2 120 19,941	30 6 3 228 3,088	43 11 2 39 4,595
.....	.....	13 2,430	.....	2 1,100	5 100	.....	1 10	.....	2 55	.....	3 225	2 30	.....
25,772 1,112,959	7,752 436,046	51,512 2,348,687	22,357 1,159,027	50,370 2,465,904	18,564 818,366	3,964 219,362	35,436 1,713,299	1,077 60,906	32,052 1,717,062	34,332 1,693,078	39,617 1,920,380	39,870 2,467,628	7,986 378,996
1,353 363 99 142 502 220 27 45,141	637 228 83 219 44 37 27 27,617	29,663 7,692 3,741 10,088 4,373 2,966 803 1,328,658	1,594 518 177 3,313 471 80 35 77,136	16,533 3,301 1,476 4,143 3,417 3,694 502 834,827	4,124 1,300 479 902 980 310 153 170,223	704 314 72 177 71 54 16 33,228	15,549 3,710 1,926 4,506 2,654 2,287 463 761,325	40 18 17 4 8 1 2 1,422	12,545 3,020 1,527 4,457 5,202 1,644 306 017,273	18,362 5,425 7,472 3,760 8,333 5,512 1,300 496 880,056	25,909 7,472 402 3,760 8,333 5,512 2,290 602 1,238,658	2,417 402 244 282 818 285 670 60 141,651	2,085 525 201 282 818 285 81 4 118,493
24,419 5,798 3,579 14,259 788 1,066,918	7,115 1,949 1,103 3,880 201 408,429	21,849 6,439 3,462 11,262 686 1,020,029	20,763 4,979 3,272 11,830 673 1,081,891	33,837 8,608 4,078 19,405 7,747 1,146 1,621,167	14,440 4,248 1,995 7,747 450 180,134	3,260 930 516 1,718 87 704 951,974	19,887 5,412 3,007 10,753 704 65,484	1,037 275 145 580 28 671 1,100,389	32,052 1,717,062	34,332 1,693,078	39,617 1,920,380	39,870 2,467,628	7,986 378,996
1,515 424 976 110 5 13,290	3,728 1,004 2,529 125 70 42,787	5,027 1,042 2,905 154 26 59,550	8,313 1,880 6,108 196 60 82,587	5,185 1,371 3,544 146 124 55,464	21,364 7,193 13,857 279 35 228,156	1,540 408 1,091 43 3 17,912	2,063 562 1,372 101 28 20,099	835 149 652 34 17 7,094	2,943 727 2,070 129 18 35,258	2,782 675 1,990 99 23 33,853	6,450 1,425 4,900 102 68 68,163	2,378 1,288 3,522 104 3 52,068	
66 459	37 315	4 20	42 220	111 879	62 439	24 240	6 45	.....	18 133	7 10	10 77	6 29	5 20
6,592 1,789 1,483 128 3,195 154,509	2,173 1,061 601 93 388 49,004	67,447 11,715 16,060 1,243 38,480 1,070,111	5,077 1,857 1,722 124 137 102,224	43,179 8,039 10,932 787 23,421 1,060,261	5,724 1,334 549 1,429 								

100	694	211	115	251	222	319	218	193	655	217	319	461	215
153	1,203 21	234 10 2	162 2	328 16	328 8	1,555 3	267 4 1	567 4	532 7	280 8 1	480 15	494 7	600 14
175 132	1,214 794	277 153	204 159	421 313	427 288	457 257	282 231	334 232	1,158 462	280 230	499 343	521 374	609 306
20 31 50	366 31 429	35 2 313	4 39	25 1 131	203 85	78 3 375	51 123	76 120	115 1 805	4 112	36 1 262	302 1 247	6 6 140

AGRICULTURE—MINNESOTA.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

	Marshall.	Martin.	Meeker.	Mille Lacs.	Morrison.	Mower.	Murray.	Nicollet.
DOMESTIC ANIMALS: 1920.								
1 Farms reporting domestic animals.....number..	2,612	2,382	2,411	1,848	3,003	2,322	1,830	1,470
2 Value of all domestic animals.....dollars..	3,496,389	6,421,190	4,449,395	2,076,145	3,321,280	5,211,290	4,402,548	3,027,819
Horses:								
3 Total number.....	16,718	17,594	12,526	5,535	11,842	10,048	15,093	9,377
4 Colts under 1 year of age.....	749	968	500	212	614	1,035	813	576
5 Colts 1 year old and under 2 years.....	1,095	1,427	759	266	735	1,358	1,130	584
6 Mares 2 years old and over.....	7,441	5,275	5,785	2,708	5,608	7,847	7,063	4,222
7 Geldings 2 years old and over.....	7,361	6,858	5,425	2,336	4,852	5,745	6,032	3,902
8 Stallions 2 years old and over.....	72	66	48	13	33	68	55	33
9 Total value.....dollars..	1,651,388	1,439,611	1,220,000	532,909	911,980	1,274,137	1,194,774	859,317
Mules:								
10 Total number.....	346	167	78	35	84	191	189	125
11 Mule colts under 1 year of age.....	20	29	4	3	4	50	33	12
12 Mule colts 1 year old and under 2 years.....	27	24	3	6	6	32	45	12
13 Mules 2 years old and over.....	299	114	71	32	74	109	111	101
14 Total value.....dollars..	37,785	15,734	8,470	3,855	7,635	15,659	17,720	12,778
Asses and burros:								
15 Total number.....	3	5	2	—	—	6	6	—
16 Total value.....dollars..	800	805	315	—	—	1,565	376	—
Cattle:								
17 Total number.....	32,562	58,888	44,764	27,433	48,699	60,612	47,078	29,294
18 Total value.....dollars..	1,428,485	3,054,750	2,393,530	1,376,806	2,028,680	2,950,015	1,900,862	1,350,678
Beef cattle—								
19 Total number.....	6,864	37,588	6,502	1,897	3,640	26,250	30,790	7,305
20 Calves under 1 year of age.....	2,571	8,418	1,396	600	558	7,820	10,421	1,677
21 Heifers 1 year old and under 2 years.....	876	4,327	1,554	264	196	3,089	4,417	958
22 Cows and heifers 2 years old and over.....	1,498	10,401	1,197	358	285	5,901	7,895	1,645
23 Steers 1 year old and under 2 years.....	1,201	6,019	1,644	480	1,864	5,631	4,850	1,513
24 Steers 2 years old and over.....	1,400	7,586	1,541	141	679	3,291	2,444	1,324
25 Bulls 1 year old and over.....	318	837	170	45	58	618	763	188
26 Total value.....dollars..	281,819	1,962,120	314,573	75,707	116,206	1,120,605	1,148,997	311,911
Dairy cattle—								
27 Total number.....	25,698	21,280	38,262	25,536	45,059	34,362	16,288	21,980
28 Calves under 1 year of age.....	6,861	5,404	7,733	6,003	11,089	8,158	3,309	4,256
29 Heifers 1 year old and under 2 years.....	3,042	3,444	5,248	3,714	7,045	5,470	2,377	3,268
30 Cows and heifers 2 years old and over.....	14,282	11,807	23,074	15,099	25,324	19,733	10,108	13,583
31 Bulls 1 year old and over.....	913	625	1,307	750	1,601	1,001	494	882
32 Total value.....dollars..	1,146,666	1,092,630	2,078,957	1,301,099	1,912,474	1,829,410	751,865	1,038,767
Sheep:								
33 Total number.....	15,471	5,490	6,085	3,063	10,436	10,182	6,650	2,722
34 Lambs under 1 year of age.....	4,193	1,867	3,148	874	2,526	2,453	1,263	743
35 Ewes 1 year old and over.....	10,713	3,353	3,305	2,652	7,538	7,428	5,112	1,766
36 Rams 1 year old and over.....	396	207	174	124	276	224	173	150
37 Wethers 1 year old and over.....	160	63	58	13	96	77	102	63
38 Total value.....dollars..	155,130	68,192	62,666	36,450	104,870	119,225	84,109	20,454
Goats:								
39 Total number.....	103	12	14	72	13	240	6	14
40 Total value.....dollars..	904	73	112	333	106	1,269	37	62
Swine:								
41 Total number.....	10,119	86,897	33,260	5,783	14,125	41,256	50,154	36,232
42 Pigs under 6 months old.....	2,624	17,593	12,263	2,065	4,242	12,384	10,001	8,479
43 Sows and gilts for breeding, 6 months old and over.....	2,909	18,378	7,148	1,867	5,336	10,730	14,757	8,239
44 Boars for breeding, 6 months old and over.....	326	1,729	735	148	487	968	1,013	665
45 All other hogs, 6 months old and over.....	4,260	49,197	13,114	1,703	4,060	17,174	30,383	18,849
46 Total value.....dollars..	221,897	1,842,025	764,296	125,792	208,018	849,420	1,204,671	775,530
POULTRY AND BEES: 1920.								
47 Chickens.....number..	134,956	295,928	207,031	85,827	154,641	235,475	204,667	190,589
48 Other poultry.....number..	5,757	11,719	7,450	1,315	5,021	7,290	6,522	6,475
49 Value of all poultry.....dollars..	101,469	287,056	159,333	62,835	106,317	231,715	189,482	152,152
50 Bees.....number of hives..	177	1,152	972	1,573	1,912	1,959	432	1,174
51 Total value.....dollars..	873	4,588	4,843	9,942	9,955	9,382	2,089	5,437
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
52 Milk produced (as reported).....gallons..	4,585,390	5,034,073	7,173,397	4,580,039	6,840,274	6,499,643	3,803,588	3,187,823
53 Milk sold.....gallons..	18,775	195,682	243,508	129,179	97,230	525,818	64,278	60,138
54 Cream sold.....gallons..	30,635	32,578	61,113	99,514	132,279	121,198	75,056	35,276
55 Butter fat sold.....pounds..	741,056	990,072	2,131,645	1,420,001	1,818,902	1,321,319	575,424	1,006,900
56 Butter made on farms.....pounds..	503,142	289,371	97,804	100,500	242,018	198,651	297,354	73,652
57 Butter sold.....pounds..	66,962	77,446	12,872	13,429	18,476	42,752	18,657	28,010
58 Cheese made on farms.....pounds..	925	575	40	85	125	200	626	779
59 Value of dairy products.....dollars..	700,196	774,003	1,533,381	1,034,977	1,366,236	1,147,588	547,192	719,875
60 Receipts from sale of dairy products.....dollars..	496,398	663,341	1,484,953	993,117	1,249,607	1,068,009	418,783	696,787
61 Average production of milk per dairy cow.....gallons..	327	334	362	442	365	400	264	310
Eggs and chickens:								
62 Eggs produced (as reported).....dozens..	648,617	1,334,022	958,317	394,777	691,925	945,689	932,992	862,211
63 Eggs sold.....dozens..	376,375	892,947	666,196	265,824	429,225	695,045	618,004	647,265
64 Chickens raised (as reported).....number..	107,095	327,283	192,090	82,445	131,117	235,916	214,287	103,944
65 Chickens sold.....number..	26,874	148,025	74,553	26,485	35,999	128,259	92,428	57,482
66 Value of chickens produced.....dollars..	283,716	738,303	475,615	207,552	324,415	562,250	505,790	436,633
67 Receipts from sale of chickens and eggs.....dollars..	143,993	480,736	286,102	120,106	172,216	373,587	291,334	270,370
Honey and wax:								
68 Honey produced.....pounds..	2,434	15,452	11,973	39,968	35,478	45,321	5,339	18,318
69 Wax produced.....pounds..	37	221	121	535	409	890	6	386
70 Value of honey and wax.....dollars..	720	4,567	3,519	11,800	10,449	13,295	1,550	5,463
Wool:								
71 Sheep shorn.....number..	10,488	3,503	2,320	3,560	6,601	8,058	5,370	2,077
72 Wool produced (as reported).....pounds..	73,101	27,633	18,157	21,634	48,737	63,301	41,285	16,936
73 Value.....dollars..	36,755	14,481	8,851	11,456	23,146	32,278	20,972	8,428

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1 Inclosures reporting domestic animals.....	303	354	185	333	695	510	246	240
2 Horses, total number.....	509	457	297	462	606	892	426	318
3 Mules, total number.....	12	12	15	5	4	2	8	—
4 Asses and burros, total number.....	—	—	1	—	4	—	—	—
5 Cattle, total number.....	404	403	183	595	1,211	577	308	287
6 Dairy cows.....	291	296	158	445	894	435	203	213
7 Sheep, total number.....	151	2	—	38	43	76	13	—
8 Goats, total number.....	3	2	—	—	—	—	—	—
9 Swine, total number.....	95	955	129	189	496	410	345	173

1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

Nobles.	Norman.	Ohmsted.	Otter Tail.	Pennington.	Pine.	Pipestone.	Polk.	Pope.	Ramsey.	Red Lake.	Redwood.	Renville.	Rice.	
1,908	1,853	2,263	6,420	1,169	2,984	1,171	4,064	1,744	936	880	2,488	2,980	2,378	1
5,452,249	2,755,696	6,006,993	8,935,363	1,536,818	2,880,164	3,190,892	5,508,400	3,184,634	1,013,790	1,194,245	5,175,255	6,056,373	4,701,909	2
16,205	13,839	14,341	29,950	5,911	8,731	9,859	27,173	10,815	2,577	5,482	17,986	20,397	11,398	3
993	652	915	1,137	227	324	503	1,385	584	33	267	830	1,036	556	4
1,345	1,070	987	1,682	357	413	790	1,831	710	43	413	1,172	1,286	687	5
7,586	6,180	6,850	14,117	2,703	4,279	4,056	12,218	5,167	510	2,622	8,476	8,948	5,114	6
6,224	5,843	5,513	12,897	2,598	3,670	3,808	11,002	4,307	1,988	2,253	7,850	9,019	4,989	7
57	58	67	117	26	45	36	137	57	3	27	58	58	58	8
1,352,549	1,201,133	1,233,216	2,517,223	598,175	846,632	764,686	2,585,256	901,888	219,350	477,273	1,519,084	1,644,769	1,092,414	9
161	220	98	262	179	100	124	437	88	13	98	245	160	40	10
32	10	10	10	2	8	15	12	12	4	33	33	15	11	11
11	10	4	21	1	1	9	20	6	3	39	25	12	5	12
118	200	84	222	170	91	93	396	64	7	91	173	119	44	13
15,000	22,730	11,072	24,049	21,857	10,929	12,482	44,290	9,050	1,080	9,440	24,620	16,691	6,155	14
7	3	6	10	1	3	2	5	1	1	2	2	1	1	15
1,283	450	85	1,812	10	700	85	160	500	250	250	250	264	150	16
53,068	28,899	61,480	105,844	16,904	34,649	32,670	54,282	38,535	7,079	14,093	49,703	56,390	47,670	17
2,348,816	1,204,098	3,405,612	5,147,959	763,349	1,781,355	1,491,349	2,370,048	1,739,931	656,200	590,421	2,284,120	2,641,121	2,967,938	18
31,727	5,475	28,543	25,337	1,790	1,832	14,133	8,885	16,897	610	1,358	20,262	27,997	7,165	19
9,634	1,298	7,667	8,458	449	575	4,123	2,433	4,976	56	263	6,051	5,845	1,131	20
4,459	625	3,440	2,868	198	188	1,009	1,094	2,129	46	134	2,208	3,239	551	21
8,609	1,593	7,510	5,054	418	420	3,119	2,404	4,327	247	346	5,719	8,607	1,484	22
5,014	1,206	6,119	5,183	488	478	3,170	1,889	3,043	223	437	3,694	4,494	2,583	23
3,028	628	3,869	2,921	181	102	1,667	734	1,923	30	187	2,940	4,044	1,697	24
893	165	532	853	62	69	434	331	494	8	31	630	778	144	25
1,331,455	240,436	1,414,269	1,030,475	67,473	73,033	615,093	365,709	608,756	49,305	57,892	984,685	1,219,960	355,693	26
21,341	22,624	32,037	80,507	15,108	32,817	18,537	45,397	21,038	7,069	12,695	29,441	29,833	40,411	27
5,254	6,514	7,820	10,433	4,132	7,835	4,956	12,382	5,033	749	3,620	7,155	7,355	8,417	28
3,116	3,118	5,321	11,284	2,159	4,684	2,674	6,242	2,943	633	1,667	4,310	4,262	5,912	29
12,438	12,359	18,045	47,001	8,248	19,240	10,506	24,899	12,857	5,583	6,877	17,101	17,032	24,763	30
533	933	851	2,789	569	1,048	401	1,874	735	104	531	875	1,184	1,319	31
1,017,361	904,562	1,991,343	4,117,484	695,876	1,708,322	876,256	2,094,330	1,071,175	600,895	532,629	1,299,435	1,421,161	2,662,245	32
10,093	4,177	12,942	20,330	6,251	7,514	7,236	14,030	4,485	185	3,741	5,624	5,427	3,451	33
2,334	1,054	2,771	5,728	1,476	1,933	1,716	3,813	1,188	56	940	1,910	2,446	1,030	34
7,486	2,908	9,774	13,819	4,574	5,374	5,321	9,070	2,932	122	2,061	3,459	2,593	2,220	35
211	204	284	538	128	194	139	363	162	6	110	156	137	90	36
62	11	113	245	73	13	60	184	173	1	30	99	251	51	37
136,375	45,332	162,904	223,625	75,283	88,162	79,954	137,658	50,890	5,472	39,801	61,427	57,211	33,663	38
18	27	3	313	34	47	11	53	1	2	12	20	14	30	39
121	145	25	1,702	232	401	50	345	10	11	70	116	63	240	40
63,847	9,307	57,085	44,698	3,244	8,656	38,052	16,854	19,846	6,563	3,798	63,020	83,009	30,543	41
10,118	2,089	19,701	11,688	925	3,885	5,704	3,781	3,106	1,072	690	14,945	17,142	12,384	42
18,903	3,366	13,947	13,121	973	2,504	10,993	4,875	4,938	637	1,672	15,764	18,340	8,030	43
1,382	241	1,141	1,244	97	230	880	602	459	48	152	1,209	1,159	838	44
33,444	3,611	22,296	18,645	1,249	2,028	20,415	7,695	11,343	3,906	1,284	31,102	40,338	8,291	45
1,598,105	220,907	1,193,479	1,018,993	77,912	157,985	848,386	370,643	482,365	131,677	77,240	1,284,738	1,096,354	611,349	46
228,635	127,127	211,642	383,817	62,375	109,409	133,158	237,754	138,380	42,145	47,317	266,523	309,829	186,281	47
6,228	4,736	5,940	14,948	2,352	2,198	3,382	8,321	6,266	1,081	2,195	12,142	10,863	7,179	48
220,085	90,954	203,378	294,679	47,397	91,004	114,680	160,189	110,531	50,862	36,790	227,916	233,853	179,461	49
868	167	1,438	1,468	193	1,810	257	1,043	15	324	201	1,092	899	960	50
5,582	769	8,136	7,426	1,134	13,473	1,363	4,635	102	2,338	1,410	4,771	5,350	5,088	51
3,902,966	3,236,120	5,947,686	14,428,855	2,531,730	6,910,588	2,121,224	8,288,723	4,092,339	3,034,304	1,947,050	3,618,361	4,992,040	8,985,904	52
171,655	34,616	213,994	222,926	105,194	308,674	62,304	527,247	83,524	2,438,197	274,277	89,851	67,761	2,675,555	53
57,407	11,597	138,081	128,236	2,433	28,761	34,790	94,332	88,491	9,722	6,303	41,730	111,824	304,083	54
656,071	698,779	1,293,893	3,750,932	527,455	1,859,732	457,288	1,307,325	768,659	51,422	338,508	709,427	954,059	1,326,074	55
261,246	150,812	93,357	1,007,627	224,301	146,139	877,030	298,398	97,375	108,872	322,045	376,084	112,944	50	
21,647	44,248	31,562	142,788	35,812	37,724	15,846	217,122	34,125	48,626	23,677	47,655	56,538	25,911	56
182	200	25	1,881	539	2,311	272	915	110	2,555	60	205	413	4,906	57
629,989	477,293	1,510,307	2,985,360	467,428	1,353,279	391,547	1,466,200	689,845	855,813	342,227	628,795	937,347	1,854,815	58
498,200	417,515	1,478,210	2,560,351	365,965	1,256,169	321,149	1,148,893	593,067	926,617	297,252	488,086	749,259	1,801,528	59
312	298	411	372	363	405	214	342	321	582	310	235	286	421	60
920,269	627,865	879,290	1,698,757	326,268	540,040	472,638	1,114,602	579,350	208,745	229,924	1,055,603	1,149,351	843,383	62
601,022	428,773	616,306	1,143,822	205,378	324,144	318,050	684,445	436,608	100,503	129,830	715,517	829,625	531,557	63
224,880	103,673	180,446	367,084	48,162	115,833	125,156	216,712	106,590	37,503	44,702	280,054	303,316	177,492	64
99,720	36,985	81,498	135,555	14,644	31,370	34,742	78,297	49,375	7,085	14,740	107,170	120,406	77,681	65
520,190	264,322	471,728	864,841	142,236	272,483	264,676	522,339	291,105	139,251	106,336	576,306	603,100	406,470	66
301,783	159,755	294,176	500,025	80,740	135,120	137,813	289,335	193,024	57,302	52,784	322,594	368,049	264,163	67
12,588	2,085	31,549	21,680	3,263	50,412	4,379	13,528	325	6,710	5,063	13,734	10,242	21,159	68
104	605	625	395	7	412	284	284	186	186	8	61	222	89	69
3,692	605	9,383	6,444	949	14,780	1,270	4,034	94	2,019	1,471	4,007	2,991	6,223	70
7,854	2,482	9,632	14,131	3,561	5,508	5,120	8,842	3,433	1,653	2,175	3,076	2,461	2,314	71
61,552	19,784	73,405	102,802	23,880	36,800	38,911	61,716	26,523	9,455	16,485	23,582	18,639	17,928	72
30,5,9														

NOT ON FARMS OR RANGES: 1920—Continued.

463	287	507	898	255	235	209	604	245	1,522	152	432	405	597	1
605	482	942	1,237	399	329	315	948	331	3,966	238	784	542	874	2
23	6	10	11	15	1		12	6	113	8	14	80	52	3
2		2						1			6			4
820	525	697	1,568	375	417	264	1,089	448	992	193	574	581	573	5
451	348	477	1,057	280	293	202	773	315	656	116	384	395	890	6
203	14	25	260	28	100	1	89	187	10	10	12	18	17	7
2	1	2	6		23	49	6		28		8	1	4	8
1,259	82	551	468	96	191	285	340	53	799	134	600	506	306	9

AGRICULTURE—MINNESOTA.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

	Rock.	Roseau.	St. Louis.	Scott.	Sherburne.	Sibley.	Stearns.	Steele.
DOMESTIC ANIMALS: 1920.								
1 Farms reporting domestic animals.....number.....	1,286	1,789	3,848	1,599	1,367	2,074	4,551	1,843
2 Value of all domestic animals.....dollars.....	4,282,476	1,761,671	2,516,836	2,602,199	1,743,720	3,866,214	7,333,625	3,653,827
Horses:								
3 Total number.....	11,137	7,479	6,195	7,275	5,763	12,139	23,012	10,381
4 Colts under 1 year of age.....	655	278	211	385	205	654	1,363	542
5 Colts 1 year old and under 2 years.....	933	425	215	449	278	804	1,585	664
6 Mares 2 years old and over.....	5,070	3,422	2,419	3,441	2,584	5,441	10,696	4,980
7 Geldings 2 years old and over.....	4,433	3,304	3,282	2,973	2,671	5,195	9,292	4,151
8 Stallions 2 years old and over.....	46	50	68	27	25	45	76	44
9 Total value.....dollars.....	965,661	764,906	844,435	669,324	495,881	1,095,816	1,874,924	852,401
Mules:								
10 Total number.....	99	161	58	31	102	31	145	103
11 Mule colts under 1 year of age.....	20	7	1	1	14	1	8	18
12 Mule colts 1 year old and under 2 years.....	8	12	—	—	15	1	5	11
13 Mules 2 years old and over.....	71	142	57	30	73	29	132	74
14 Total value.....dollars.....	10,179	17,178	6,300	3,440	8,329	2,995	15,080	9,993
Asses and burros:								
15 Total number.....	3	2	—	—	5	6	—	2
16 Total value.....dollars.....	400	350	—	—	180	525	—	15
Cattle:								
17 Total number.....	37,151	20,040	23,121	27,132	20,913	30,245	86,316	36,827
18 Total value.....dollars.....	1,763,332	762,206	1,489,455	1,488,876	979,055	1,824,882	4,316,982	2,169,143
Beef cattle—								
19 Total number.....	27,105	2,751	1,801	6,132	3,753	8,560	16,635	2,079
20 Calves under 1 year of age.....	7,883	849	627	1,265	846	1,652	2,883	261
21 Heifers 1 year old and under 2 years.....	3,785	300	165	504	527	1,116	1,618	236
22 Cows and heifers 2 years old and over.....	8,088	765	797	1,956	779	2,285	4,921	397
23 Steers 1 year old and under 2 years.....	4,180	486	72	1,275	1,021	1,636	3,894	600
24 Steers 2 years old and over.....	2,531	248	56	923	490	1,531	2,876	540
25 Bulls 1 year old and over.....	638	103	84	149	94	340	443	36
26 Total value.....dollars.....	1,242,717	93,560	94,258	301,672	147,932	363,272	760,508	105,785
Dairy cattle—								
27 Total number.....	10,046	17,298	21,320	21,000	17,160	30,685	69,681	34,748
28 Calves under 1 year of age.....	2,224	5,086	5,598	3,610	3,785	5,485	14,139	6,249
29 Heifers 1 year old and under 2 years.....	1,416	2,405	3,141	2,931	2,814	4,774	10,520	5,136
30 Cows and heifers 2 years old and over.....	6,063	9,171	11,951	13,621	10,116	19,298	42,543	22,120
31 Bulls 1 year old and over.....	343	636	630	838	445	1,128	2,479	1,234
32 Total value.....dollars.....	520,615	663,706	1,395,197	1,167,204	831,123	1,401,610	3,556,474	2,063,358
Sheep:								
33 Total number.....	8,010	11,712	5,453	1,691	1,613	3,425	10,000	1,601
34 Lambs under 1 year of age.....	2,796	3,774	1,707	475	355	916	2,179	431
35 Ewes 1 year old and over.....	5,030	7,560	3,324	1,152	1,197	2,340	7,371	1,053
36 Rams 1 year old and over.....	140	311	331	63	51	122	362	79
37 Wethers 1 year old and over.....	44	67	91	1	10	47	88	38
38 Total value.....dollars.....	89,580	129,826	70,401	22,360	15,424	34,712	108,848	17,208
Goats:								
39 Total number.....	7	129	21	3	49	13	51	4
40 Total value.....dollars.....	36	831	160	18	306	62	384	19
Swine:								
41 Total number.....	60,652	4,340	4,739	23,350	11,396	46,627	48,532	29,407
42 Pigs under 6 months old.....	9,042	1,607	2,641	10,861	4,113	12,238	15,449	12,233
43 Sows and gilts for breeding, 6 months old and over.....	17,413	1,416	1,058	5,995	2,775	10,806	15,883	8,552
44 Boars for breeding, 6 months old and over.....	1,057	182	153	607	203	929	1,832	798
45 All other hogs, 6 months old and over.....	33,140	1,135	882	5,887	4,305	22,654	15,368	7,824
46 Total value.....dollars.....	1,453,288	86,814	106,085	438,181	244,545	907,222	1,017,407	605,048
POULTRY AND BEES: 1920.								
47 Chickens.....number.....	158,409	65,269	74,569	133,876	93,318	234,131	372,228	193,185
48 Other poultry.....number.....	3,327	2,664	1,319	4,328	2,753	10,973	10,479	7,302
49 Value of all poultry.....dollars.....	149,492	45,591	77,560	126,122	79,372	189,243	263,804	181,418
50 Bees.....number of hives.....	181	206	381	918	449	694	1,420	945
51 Total value.....dollars.....	1,018	2,335	4,202	5,310	1,881	2,795	7,592	4,295
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
52 Milk produced (as reported).....gallons.....	2,111,785	3,120,668	5,088,253	3,447,360	2,780,550	4,891,394	13,975,001	5,731,543
53 Milk sold.....gallons.....	61,343	14,337	1,182,957	1,197,672	155,349	373,748	301,707	268,856
54 Cream sold.....gallons.....	30,363	23,900	64,195	317,544	28,807	173,631	239,447	27,389
55 Butter fat sold.....pounds.....	434,830	494,778	219,100	398,386	616,525	1,104,692	3,390,233	2,270,060
56 Butter made on farms.....pounds.....	236,955	296,019	756,040	118,058	133,894	128,265	356,631	14,980
57 Butter sold.....pounds.....	32,521	37,406	292,051	18,363	19,297	26,035	123,448	6,720
58 Cheese made on farms.....pounds.....	136	1,410	12,136	50	—	385	1,610	—
59 Value of dairy products.....dollars.....	401,238	425,900	1,116,243	901,813	501,204	978,889	2,587,744	1,649,879
60 Receipts from sale of dairy products.....dollars.....	294,093	320,367	865,904	851,963	435,801	923,525	2,437,451	1,645,227
61 Average production of milk per dairy cow.....gallons.....	310	349	448	339	280	202	351	368
Eggs and chickens:								
62 Eggs produced (as reported).....dozens.....	516,307	292,136	365,523	597,877	355,490	901,974	1,590,102	861,359
63 Eggs sold.....dozens.....	372,088	162,293	144,207	368,757	252,846	690,830	957,257	666,170
64 Chickens raised (as reported).....number.....	142,161	54,119	54,716	140,210	98,887	209,608	277,312	201,440
65 Chickens sold.....number.....	59,753	12,167	15,693	61,477	35,117	81,176	32,815	75,112
66 Value of chickens and eggs produced.....dollars.....	306,708	127,253	234,195	411,107	207,274	404,513	706,555	489,927
67 Receipts from sale of chickens and eggs.....dollars.....	183,197	60,688	87,426	234,533	120,850	297,690	419,225	311,217
Honey and wax:								
68 Honey produced.....pounds.....	2,031	5,144	9,033	15,357	6,206	7,330	21,160	15,444
69 Wax produced.....pounds.....	10	19	157	149	33	72	330	62
70 Value of honey and wax.....dollars.....	854	1,499	2,681	4,520	1,813	2,154	6,265	4,503
Wool:								
71 Sheep shorn.....number.....	3,366	8,051	3,251	1,315	1,130	2,312	7,335	1,049
72 Wool produced (as reported).....pounds.....	26,795	52,719	19,120	8,834	7,057	15,889	54,867	7,834
73 Value.....dollars.....	13,550	26,212	10,094	4,387	3,782	7,769	25,554	3,988

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1 Inclosures reporting domestic animals.....	169	230	3,000	265	146	295	1,091	307
2 Horses, total number.....	208	321	3,886	327	181	366	1,165	374
3 Mules, total number.....	2	3	61	4	4	9	44	10
4 Asses and burros, total number.....	—	—	—	3	2	—	—	—
5 Cattle, total number.....	629	504	5,751	281	163	324	1,201	390
6 Dairy cows.....	153	317	4,486	231	133	279	1,004	327
7 Sheep, total number.....	1,000	130	480	—	—	5	53	2
8 Goats, total number.....	—	11	—	10	—	—	—	—
9 Swine, total number.....	1,218	141	2,093	213	158	210	646	186

1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

Stevens.	Swift.	Todd.	Travoso.	Wabasha.	Wadena.	Wasoca.	Washing- ton.	Watson- wan.	Wilkin.	Winona.	Wright.	Yellow Medicine.	
1,148 2,310,271	1,700 3,451,411	3,472 4,024,146	1,019 2,223,365	1,700 3,949,334	1,297 1,412,260	1,596 3,049,171	1,946 3,115,665	1,381 3,621,217	1,125 2,019,492	2,126 4,257,393	3,834 6,000,900	2,076 4,305,211	1 2
9,781 578 732 4,552 3,873 46 796,712	12,849 622 797 5,977 5,398 55 966,265	13,908 599 746 6,742 5,782 39 1,002,244	9,188 511 602 4,252 3,724 39 831,136	11,340 675 906 5,314 4,384 61 1,034,000	4,971 226 282 2,374 2,074 15 392,871	9,758 574 678 4,514 3,940 52 832,681	7,937 253 308 3,685 3,587 44 838,559	10,212 584 751 4,721 4,127 29 902,522	10,441 628 632 4,686 4,441 54 914,754	11,917 703 870 5,651 4,628 65 940,327	15,348 538 704 7,283 6,761 62 1,550,617	15,469 642 963 7,233 6,579 52 1,313,402	3 4 5 6 7 8 9
125 11 12 102 10,845	144 11 9 124 10,633	167 27 46 94 14,590	174 13 12 149 20,200	93 8 6 79 7,995	63 7 2 54 5,641	145 27 28 90 15,810	29 3 19 26 2,924	113 11 19 83 10,905	109 3 20 106 10,600	64 4 11 40 6,020	104 6 11 87 11,384	252 39 36 177 27,340	10 11 12 13 14
2 100	1 100	1 100	2 750	3 207	3 375	1 100	2 30	2 255	-----	-----	3 60	3 110	15 16
23,252 1,067,153	36,505 1,578,907	51,793 2,521,943	19,270 943,649	40,990 2,070,385	17,856 837,293	31,046 1,560,265	27,858 1,925,327	33,992 1,605,685	20,000 862,193	47,512 2,549,454	59,995 3,313,980	39,031 1,704,266	17 18
10,503 3,332 1,375 2,488 1,845 1,122 341 435,303	17,504 4,696 1,900 4,500 3,355 2,534 460 721,796	3,541 802 323 830 1,483 310 93 140,135	9,310 2,475 1,033 2,003 1,480 1,140 208 440,985	20,816 5,381 2,504 6,044 3,810 1,588 529 1,037,459	1,449 659 148 145 371 113 13 44,991	5,478 1,128 525 1,451 1,208 970 128 240,316	5,473 772 517 1,231 1,323 1,442 360 338,210	14,693 3,305 1,011 3,703 3,080 2,260 343 700,878	12,049 3,597 1,545 4,255 3,416 752 410 461,701	16,737 4,431 2,269 4,583 3,416 1,022 178 854,708	7,830 1,312 571 1,312 2,138 2,109 178 432,058	18,487 4,647 2,067 5,599 3,225 2,299 600 830,400	19 20 21 22 23 24 25 26
12,749 2,985 1,381 7,539 294 631,790	10,061 5,000 2,781 10,693 687 857,201	48,252 10,336 6,990 29,458 1,465 2,881,808	2,992 10,336 1,516 5,490 322 502,664	20,174 5,233 3,490 10,098 485 1,032,026	16,407 3,683 2,343 10,098 425 792,302	25,568 6,019 3,015 15,062 872 1,310,039	22,385 4,497 3,272 13,008 708 1,587,117	10,299 4,492 2,559 11,557 691 964,807	7,951 1,730 1,157 4,758 306 400,492	30,775 6,815 5,131 17,860 679 1,604,751	52,165 9,390 3,785 30,108 1,706 2,881,322	20,544 5,647 3,120 11,082 886 873,856	27 28 29 30 31 32
5,093 1,530 3,893 142 158 64,228	4,473 1,343 2,972 126 32 45,310	8,368 1,978 5,900 328 162 95,957	3,204 705 2,314 100 25 40,515	14,960 3,117 11,407 306 40 184,087	4,326 1,130 3,087 99 10 55,833	5,097 1,079 3,871 125 22 59,969	2,120 662 1,379 101 50 24,432	7,384 2,996 4,105 101 182 82,663	3,730 1,770 1,794 74 02 36,100	4,999 1,137 3,687 105 70 50,706	4,282 1,158 2,039 172 13 45,881	4,743 1,432 3,079 216 16 53,516	33 34 35 36 37 38
6 30	4 33	37 140	1 6	4 38	35 249	-----	21 128	8 40	8 39	2 7	38 271	14 86	39 40
16,332 2,835 4,831 443 8,223 371,203	35,487 9,931 7,477 603 20,476 844,094	10,151 7,598 7,000 584 3,900 389,172	10,095 2,949 4,002 375 9,000 387,109	28,638 8,970 9,118 764 9,680 652,562	5,803 1,910 2,330 174 1,377 120,008	26,672 8,486 7,610 621 10,005 574,366	14,896 9,589 3,337 303 6,197 324,765	46,960 9,589 13,179 867 23,328 958,147	8,700 1,640 2,962 261 3,637 195,806	32,945 10,432 8,982 888 12,643 710,879	52,628 23,034 12,529 1,238 15,827 1,079,307	58,231 9,185 12,169 993 35,874 1,206,501	41 42 43 44 45 46
96,884 6,617 89,258 53 351	151,635 8,207 124,846 135 673	100,247 4,656 183,698 1,000 4,722	94,304 6,657 82,980 111 762	150,850 4,286 124,391 1,748 10,306	62,729 1,496 48,806 350 1,555	101,573 8,934 103,621 969 7,085	133,034 2,554 124,816 1,020 7,111	154,344 5,363 147,688 506 2,605	91,157 5,394 82,468 32 246	156,339 4,592 141,946 2,049 11,980	305,703 7,457 247,169 1,888 7,195	230,804 7,944 190,239 761 3,534	47 48 49 50 51
2,256,471 64,414 21,588 391,655 218,036 32,366	3,336,322 63,844 31,123 536,357 389,609 59,877	8,839,194 90,486 124,576 2,725,011 184,723 28,090	1,465,696 30,800 66,145 161,525 191,445 30,595	4,106,534 115,293 82,207 1,085,251 246,152 41,733	2,455,982 314,415 27,427 690,105 126,245 14,000	4,417,847 54,811 12,429 1,281,948 47,229 17,340	6,338,229 2,056,416 84,070 707,788 187,713 117,608	3,023,783 91,614 19,236 33,630 269,699 204,171	1,979,413 28,915 38,630 269,699 204,171 50,425	6,830,463 531,527 72,238 1,618,501 125,941 37,482	9,485,404 584,002 213,085 2,725,011 152,296 26,578	3,456,419 30,330 46,013 393,141 453,893 74,359	52 53 54 55 56 57
369,609 274,934 278	525,026 369,750 283	1,913,793 1,829,085 406	264,738 189,200 260	931,380 826,955 367	588,034 530,422 368	864,470 849,545 318	1,206,034 1,167,710 466	517,061 474,328 285	341,448 234,696 292	1,208,572 1,219,723 394	2,115,180 2,053,638 381	488,639 306,311 274	58 59 60 61
426,233 253,424 112,114 40,476 225,641 115,084	651,884 394,714 182,817 53,309 368,928 178,067	1,022,140 665,827 173,219 53,274 487,491 274,953	417,944 247,758 105,936 43,896 214,137 113,295	568,139 356,674 146,697 57,405 324,822 174,849	233,535 164,407 58,745 24,363 118,746 72,200	655,219 483,161 169,890 77,842 390,873 235,078	690,261 390,394 145,277 60,335 390,873 208,106	587,199 425,012 161,720 70,026 340,344 204,984	389,910 204,737 161,612 41,534 210,652 100,821	597,800 361,051 164,127 61,119 356,357 183,770	1,324,109 877,877 350,756 118,214 810,686 424,405	902,822 583,194 225,534 91,077 471,592 271,651	62 63 64 65 66 67
613 178	1,404 21 415	7,933 139 2,355	2,692 20 780	42,672 299 12,492	4,169 59 1,232	21,570 432 6,423	24,844 531 7,412	7,207 10 2,094	280 ----- 81	47,106 431 13,829	27,660 251 8,123	9,731 60 2,845	68 69 70
4,417 38,496 19,266	2,698 17,489 9,296	5,104 35,261 17,491	1,536 12,364 6,093	11,932 98,640 52,433	3,242 22,731 11,854	3,376 28,104 14,480	937 7,024 3,641	3,193 20,701 11,031	2,268 14,362 7,321	4,180 33,556 18,621	3,585 25,173 12,814	3,481 27,324 13,635	71 72 73

NOT ON FARMS OR RANGES: 1920—Continued.

181	297	541	113	382	249	322	418	222	178	491	627	221	1
255	509	627	223	629	329	427	449	327	407	722	705	364	2
4	13	14	2	5	2	2	2	6	11	3	2	16	3
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	4
230	612	1,046	128	424	525	399	894	269	309	330	834	256	5
195	364	794	103	277	362	323	318	225	215	248	653	198	6
3	23	64	110	4	64	2	8	2	16	2	43	6	7
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104	666	353	79	251	174	174	182	226	89	224	695	173	9

AGRICULTURE—MINNESOTA.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		THE STATE.	Aitkin.	Anoka.	Becker.	Beltrami.	Benton.	Big Stone.	Blue Earth.	
VALUE OF ALL CROPS.										
1	Total.....	dollars..	506,020,233	1,905,589	4,283,931	6,580,066	2,358,199	3,971,766	4,215,357	8,024,302
2	Cereals.....	dollars..	302,729,120	287,037	1,239,987	2,788,012	384,333	1,503,082	3,220,352	5,568,070
3	Other grains and seeds.....	dollars..	14,945,311	38,450	149,994	580,066	74,387	65,612	93,534	42,752
4	Hay and forage.....	dollars..	115,665,984	807,372	990,085	1,407,790	860,890	1,178,252	819,600	1,971,191
5	Vegetables.....	dollars..	68,012,550	678,898	1,853,878	1,819,820	1,027,870	1,211,725	63,073	324,633
6	Fruits.....	dollars..	3,145,513	30,909	48,675	5,427	9,374	12,483	9,038	93,595
7	All other crops.....	dollars..	621,755	2,328	1,332	1,012	1,336	612	94	24,061
SELECTED CROPS (acres harvested and production).										
8	Cereals:									
9	Total.....	acres..	11,296,103	11,865	45,838	126,345	20,132	60,904	152,901	187,399
10	Corn.....	bushels..	239,802,305	200,791	970,968	1,981,715	330,670	1,221,723	2,283,382	4,218,010
11	Oats.....	acres..	2,380,838	994	12,033	4,801	938	9,821	25,738	70,325
12	Wheat.....	bushels..	84,786,096	35,540	441,040	139,742	27,510	200,489	673,892	2,543,774
13	Oats.....	acres..	3,429,079	7,054	9,838	37,023	9,402	18,177	30,343	42,205
14	Wheat.....	bushels..	89,108,151	108,054	263,145	800,498	201,043	553,300	717,393	909,034
15	Wheat.....	acres..	3,793,402	1,720	7,507	60,112	5,201	15,933	79,517	60,227
16	Barley.....	bushels..	37,616,384	16,309	79,452	619,289	47,726	174,592	621,876	584,142
17	Barley.....	acres..	814,381	1,128	767	12,032	1,480	3,337	12,047	3,820
18	Rye.....	bushels..	14,849,069	23,196	15,599	223,485	23,472	70,133	210,160	57,902
19	Rye.....	acres..	649,609	602	14,208	10,404	2,770	12,980	4,000	3,462
20	Buckwheat.....	bushels..	8,362,940	11,543	162,790	116,018	33,078	154,805	40,091	39,715
21	Buckwheat.....	acres..	20,022	84	237	335	22	522	90	333
22	Mixed crops.....	bushels..	321,688	1,075	2,260	4,110	240	6,533	481	4,636
23	Mixed crops.....	acres..	193,864	108	321	880	44	88	.....	923
24	Other grains and seeds:		4,579,897	3,270	6,376	15,795	1,223	1,745	.....	17,916
25	Dry edible beans.....	acres..	4,735	135	517	127	97	3	.....	11
26	Flaxseed.....	bushels..	50,471	1,707	4,500	1,241	1,087	53	.....	120
27	Flaxseed.....	acres..	288,240	181	4	8,124	1,043	400	2,921	491
28	Hay and forage:		2,019,404	1,594	40	57,650	4,398	2,950	16,876	3,097
29	Total.....	acres..	5,029,397	34,866	48,098	77,813	42,449	47,870	37,381	76,625
30	All tame or cultivated grasses.....	tons..	9,281,671	58,626	87,029	116,537	69,747	93,871	68,555	150,157
31	Timothy alone.....	acres..	1,798,046	18,138	9,279	20,594	17,563	18,793	10,980	24,309
32	Timothy alone.....	tons..	2,815,436	31,685	14,380	27,919	28,578	28,001	14,465	42,595
33	Timothy and clover mixed.....	acres..	514,658	668	1,776	8,404	1,809	1,856	7,536	8,299
34	Timothy and clover mixed.....	tons..	656,023	1,020	2,153	8,096	2,394	2,328	8,878	13,008
35	Clover alone.....	acres..	933,045	16,597	3,296	7,534	12,144	6,509	2,102	12,592
36	Clover alone.....	tons..	1,543,144	29,240	5,460	11,251	20,224	11,105	3,517	22,072
37	Alfalfa.....	acres..	96,202	331	2,768	883	1,062	836	220	1,013
38	Alfalfa.....	tons..	173,853	608	4,958	1,473	3,111	1,285	352	3,630
39	Other tame or cultivated grasses.....	acres..	45,410	43	101	392	334	11	617	386
40	Other tame or cultivated grasses.....	tons..	115,327	113	219	1,403	754	30	1,156	1,142
41	Wild, salt, or prairie grasses.....	acres..	204,631	499	1,348	3,201	1,524	0,581	415	1,200
42	Wild, salt, or prairie grasses.....	tons..	327,089	696	1,695	5,006	2,005	13,853	562	1,834
43	Small grains cut for hay.....	acres..	2,225,271	15,186	30,704	45,048	22,006	22,734	16,058	31,330
44	Small grains cut for hay.....	tons..	2,734,466	20,418	33,903	41,295	24,883	42,754	21,827	48,730
45	Annual legumes cut for hay.....	acres..	89,369	384	206	1,888	1,325	117	174	607
46	Annual legumes cut for hay.....	tons..	105,859	429	320	2,138	1,261	131	208	743
47	Silage crops.....	acres..	6,110	29	7	155	104	10	7	78
48	Silage crops.....	tons..	9,826	37	105	4,104	298	15	108	168
49	Corn cut for forage.....	acres..	282,675	206	4,380	4,104	370	1,905	1,756	4,713
50	Corn cut for forage.....	tons..	2,200,973	2,175	32,193	29,589	2,356	14,095	16,000	32,208
51	Kafir, sorghum, etc., for forage.....	acres..	614,568	461	3,461	5,050	601	4,090	7,701	15,243
52	Kafir, sorghum, etc., for forage.....	tons..	1,375,982	1,198	0,840	14,700	2,371	8,207	15,034	31,150
53	Root crops for forage.....	acres..	6,410	10	2	25	.....	19	13	205
54	Root crops for forage.....	tons..	10,675	28	5	83	.....	30	45	427
55	Other tame or cultivated grasses.....	acres..	6,018	362	22	115	.....	52	.....	20
56	Other tame or cultivated grasses.....	tons..	32,425	2,656	275	553	.....	35	.....	40
57	Potatoes (Irish or white).....	acres..	331,930	2,240	8,834	8,585	4,500	6,841	699	1,589
58	Other vegetables.....	bushels..	20,690,056	253,049	823,204	771,507	402,666	521,691	10,147	82,512
59	Other vegetables.....	acres..	14,662	29	69	24	93	98	7	40
60	Miscellaneous crops:									
61	Sugar beets grown for sugar.....	acres..	3,509	.....	.....	.....	.....	.....	.....	224
62	Maple trees tapped.....	tons..	25,607	.....	.....	.....	.....	.....	.....	1,639
63	Maple sugar made.....	number	62,111	5,649	250	721	2,808	250	.....	307
64	Maple sirup made.....	pounds	3,146	165	.....	100	1,788	5	.....	.....
65	Maple sirup made.....	gallons	12,870	770	45	83	194	48	.....	46
FRUITS.										
66	Small fruits:									
67	Total.....	acres..	5,908	83	108	31	87	16	4	148
68	Strawberries.....	quarts..	6,165,120	113,070	201,338	11,014	41,193	24,427	3,536	171,549
69	Raspberries.....	acres..	2,768	21	73	8	24	8	3	82
70	Raspberries.....	quarts..	4,111,969	30,505	184,036	2,514	22,220	12,048	2,866	114,400
71	Orchard fruits:									
72	Total.....	acres..	1,516,041	71,274	6,987	2,673	11,171	11,120	307	43,508
73	Apples.....	trees not of bearing age..	769,346	5,203	5,642	1,555	1,720	7,814	3,784	18,861
74	Plums and prunes.....	trees of bearing age..	1,330,568	7,555	7,800	4,351	1,600	9,020	10,609	62,722
75	Cherries.....	bushels harvested	1,058,042	3,279	3,857	1,622	348	4,050	4,812	33,047
76	Apples.....	trees not of bearing age..	637,187	3,249	4,064	700	840	5,448	3,109	12,332
77	Plums and prunes.....	trees of bearing age..	1,596,264	8,947	5,487	1,300	187	6,361	9,100	60,778
78	Cherries.....	bushels harvested	1,028,478	2,598	3,615	641	62	3,590	4,662	32,772
79	Apples.....	trees not of bearing age..	102,029	1,484	1,207	516	705	1,660	403	1,135
80	Plums and prunes.....	trees of bearing age..	193,668	3,238	1,903	2,006	1,157	2,059	1,063	1,585
81	Cherries.....	bushels harvested	24,337	598	1,000	788	247	394	101	184
82	Apples.....	trees not of bearing age..	27,921	456	276	304	181	671	212	386
83	Plums and prunes.....	trees of bearing age..	38,120	368	372	891	135	589	332	207
84	Cherries.....	bushels harvested	4,592	82	21	198	35	61	43	23
85	Grapes.....	vines not of bearing age..	11,863	13	27	8	18	12	.....	274
86	Grapes.....	vines of bearing age..	36,315	21	6	14	7	50	12	1,219
87	Grapes.....	pounds harvested	141,278	178	100	3	24	60	150	5,000

AGRICULTURE—MINNESOTA.

29

AND PRODUCTION OF PRINCIPAL CROPS: 1919.

Brown.	Carlton.	Carver.	Cass.	Chippewa.	Chisago.	Clay.	Clearwater.	Cook.	Cottonwood.	Crow Wing.	Dakota.	Dodge.	Douglas.		
5,107,802 3,487,582 41,129 1,383,986 151,137 36,448 7,520	2,536,044 249,895 20,322 872,973 1,388,347 4,498 9	5,185,051 3,201,574 4,286 1,485,342 316,163 105,824 71,862	2,162,644 511,092 20,933 720,673 827,477 8,352 1,563	7,307,643 5,867,731 73,378 1,169,055 154,559 31,920 11,000	6,138,791 1,600,275 56,304 1,379,632 3,064,033 33,060 4,887	13,470,762 5,509,910 246,848 1,619,959 6,090,320 3,546 179	1,994,587 650,964 355,935 492,030 494,757 901 -----	90,767 6,492 596 38,182 44,878 568 51	5,502,030 3,946,993 169,858 1,237,845 115,644 31,642 87	1,924,219 645,481 52,431 643,824 537,108 22,914 2,461	6,784,416 3,979,972 79,649 1,431,734 1,101,165 123,394 8,502	4,611,441 2,350,000 374,489 1,580,158 242,569 48,547 9,078	6,282,481 3,679,794 304,466 1,466,165 816,594 14,151 1,311	1 2 3 4 5 6 7	
157,719 2,733,953 47,574 1,344,474 30,077 892,066 48,830 328,879 3,750 35,527 18,246 189,158 179 2,715 54 1,060	10,440 204,019 135 4,368 7,103 210,817 1,493 17,727 521 10,553 1,026 10,827 35 598 100 2,002	79,577 2,236,586 20,933 1,053,247 14,758 490,284 36,335 27,735 3,381 88,068 3,976 73,522 12 109 3,061	23,290 434,442 3,883 112,696 8,402 183,074 2,981 27,735 1,372 24,972 6,076 70,415 233 3,896 176 3,719	199,960 4,934,947 54,485 2,034,553 65,814 2,070,931 67,592 599,622 10,449 227,509 1,730 23,777 13 245 310 7,420	50,448 1,308,740 7,844 325,794 14,768 1,559,156 154,039 1,556,541 2,622 391,363 5,798 42,607 24 369 263 5,306	266,809 3,647,582 2,583 81,807 78,905 1,559,156 182,762 12,261 149,123 1,476 28,332 5,293 70,123 36 190 12 291	273 7,281 1 20 201 6,221 40 457 21 363 5 58 ----- ----- ----- 150	158,022 3,577,927 55,055 1,722,732 70,035 1,527,780 14,836 119,004 9,613 125,543 7,677 70,112 510 5,014 202 5,988	28,091 544,768 4,520 136,682 9,509 243,983 4,379 45,993 954 17,676 7,972 89,890 564 8,030 71 1,500	145,265 3,038,541 27,034 1,028,905 32,747 772,227 40,273 449,290 7,481 155,217 17,215 255,540 445 5,524 6,416 370,898	84,849 2,056,544 24,675 870,098 31,741 736,208 10,090 110,955 10,553 204,563 634 9,902 894 11,140 6,416 107,780	129,002 2,481,986 15,744 543,307 27,385 741,123 66,442 807,578 10,545 239,564 7,270 114,235 470 6,779 1,011 25,938	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		
2 20 757 8,921	30 261 12 105	9 94 42 292	176 1,675 230 1,543	2 22 13 15,710	75 599 13 85	13 176 7,067 50,330	7 70 1,787 12,279	----- ----- ----- 2	2 24 3,756 21,939	107 1,184 141 1,463	36 402 1,887 14,676	15 107 8,365 66,131	33 311 6,031 51,939	24 25 26 27	
64,526 112,010 8,168 14,502 2,294 3,332 3,887 6,831 737 1,301 349 1,021 991 1,957	30,745 54,084 20,387 43,443 706 1,098 24,391 40,445 711 981 104 192 475 727	44,309 113,813 19,540 45,943 1,450 3,173 4,292 10,118 592 1,477 2,497 8,574 10,769 22,601	33,602 53,176 13,726 19,188 890 984 10,989 15,306 1,036 1,519 132 226 718 1,153	51,929 100,232 8,667 13,899 3,333 4,504 2,411 3,433 424 723 1,074 2,690 2,425 2,649	47,583 141,572 20,760 37,567 5,017 8,282 10,940 20,898 1,737 3,687 113 3,74 2,962 4,326	108,017 34,497 9,836 15,164 8,968 2,607 2,020 3,230 781 1,184 1,091 2,605 3,144 4,874	23,457 2,323 1,563 1,876 2,462 2,607 4,879 7,914 1,536 2,876 185 326 774 1,351	1,878 2,323 1,563 1,876 104 105 1,446 1,753 8 10 ----- ----- 5 8	60,235 97,282 18,556 25,474 4,384 7,465 9,278 13,303 1,017 2,288 635 1,355 642 1,008	31,145 66,607 13,262 10,358 2,192 3,109 8,302 12,112 730 1,216 123 460 1,015 2,461	51,874 125,720 32,092 55,926 12,809 15,553 15,537 23,162 2,535 4,273 393 955 818 1,190	54,735 122,063 35,143 56,926 7,068 10,190 23,911 41,036 1,110 2,490 46 129 3,081 4,665	67,627 122,063 10,307 28,234 8,290 11,025 6,542 9,936 788 1,941 529 1,267 3,158 4,665	28 29 30 31 32 33 34 35 36 37 38 39 40 41	
41,911 63,832 585 809 50 58 1,473 9,656 12,270 22,943 62 190 7 20 1,483 33,806 7	3,214 4,978 207 365 37 101 1,868 1,185 78 94 19 27 558 3,942 4,056 568,816 206	16,786 34,939 72 149 42 101 1,868 21,797 5,052 10,496 14 29 558 359 1,196 68,003 490	15,739 21,228 659 750 11 8 684 4,487 2,500 6,234 17 58 275 1,223 2,849 312,236 135	28,923 38,078 573 979 8 10 3,180 23,892 10,520 23,214 56 154 2 6 859 37,753 109	19,843 24,400 205 207 58 132 4,172 47,226 2,501 7,717 175 450 67 141 12,399 1,379,589 33	71,228 51,455 4,141 3,739 120 177 6,089 40,191 10,520 26,594 175 450 67 141 31,652 2,785,450 93	12,511 15,468 570 769 29 97 183 1,425 254 736 ----- ----- 74 831 1,676 198,458 10	82 62 109 124 13 19 ----- 1,425 3 3 ----- 108 239 130 10,029 5	29,660 37,594 876 919 91 121 2,339 14,390 8,555 18,320 124 418 28 50 836 23,412 35	15,474 19,216 339 416 ----- ----- 606 4,102 5,713 2,561 21 48 131 966 2,001 210,500 70	7,727 9,208 210 348 61 103 6,015 52,098 6,713 13,399 5 9 21 202 4,702 318,449 1,300	4,881 6,208 359 431 11 9 5,292 41,832 9,022 20,181 23 46 2 27 890 48,467 163	38,248 47,990 404 522 62 78 3,949 32,352 5,606 12,724 46 124 5 39 4,587 333,534 62	42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	
2 16 46 6 16	----- 15 ----- 3	461 3,770 2,834 10 1,121	----- 1,257 225 85	165 1,100 ----- ----- 1,408	----- 4,505 35 1,408	----- ----- ----- ----- -----	----- ----- ----- ----- -----	----- 100 ----- 15	----- ----- ----- ----- -----	----- 1,433 10 353	----- 48 127 25 51	8 67 119 80 18	12 67 119 ----- 90	1 4 61 ----- 90	59 60 61 62 63
39 25,698 31 21,384 3,753 9,987 27,434 18,089 8,266 24,563 17,797 1,377 2,517 280 334 352 12 266 307 950	21 13,163 10 6,984 3,309 2,984 1,753 906 2,019 931 799 641 604 154 256 145 12 ----- 4 120	149 147,615 39 58,231 52,885 24,497 76,023 42,173 21,055 71,396 41,511 3,139 4,043 639 293 541 18 301 2,567 15,468	43 30,618 12 14,333 9,222 3,973 3,964 967 2,009 647 316 1,551 2,461 597 387 256 54 286 29 75	32 19,050 21 14,375 3,466 9,392 24,362 16,022 7,832 19,767 14,810 1,215 3,884 1,135 327 660 66 153 283 739	110 93,300 55 64,715 14,770 7,945 1,641 7,697 5,320 11,117 6,672 2,239 5,013 948 386 525 77 48 283 1,492	8 11,551 2 3,893 660 1,827 1,641 679 1,430 794 487 302 645 160 95 198 30 ----- ----- -----	4 3,817 5 1,335 2 2,362 158 95 27 88 18 21 82 59 19 12 18 1 ----- ----- -----	9 2,549 5 1,254 1 443 504 97 24 398 89 21 82 4 ----- 24 4 3 ----- ----- -----	44 28,704 35 24,890 6 2,349 9,193 28,335 14,960 7,637 24,379 14,790 1,202 3,482 121 840 444 48 90 409 541	111 88,519 33 33,013 37 38,286 2,340 7,845 2,075 1,124 4,703 882 1,064 5,673 1,139 114 353 53 89 320 305	182 323,842 124 267,571 45 38,603 14,439 48,991 32,209 13,746 18,412 19,324 601 1,756 201 92 122 9 217 220 1,305	67 72,716 40 54,034 21 14,072 5,337 19,181 19,368 4,824 11,075 11,970 388 37 179 129 6 46 203 250	36 20,841 14 7,484 14 9,486 8,378 15,032 5,466 6,826 4,975 959 373 581 1,408 178 51 88 160	64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84	

AGRICULTURE—MINNESOTA.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		Faribault.	Fillmore.	Freeborn.	Goodhue.	Grant.	Hennepin.	Houston.	Hubbard.
VALUE OF ALL CROPS.									
1	Total.....dollars..	8,812,989	10,112,885	8,014,118	10,225,860	5,446,305	9,414,680	5,523,464	2,394,027
2	Cereals.....dollars..	6,287,302	6,602,544	4,942,949	6,011,953	3,774,721	2,885,564	3,573,711	539,357
3	Other grains and seeds.....dollars..	60,839	729,733	127,646	411,465	404,759	10,972	143,105	350,269
4	Hay and forage.....dollars..	1,799,961	2,330,264	2,642,096	2,084,884	1,139,980	1,995,100	1,423,545	480,991
5	Vegetables.....dollars..	608,560	305,460	237,494	425,920	121,537	4,099,565	275,149	1,018,611
6	Fruits.....dollars..	53,114	70,304	63,918	90,432	6,308	416,061	75,038	4,590
7	All other crops.....dollars..	3,213	14,580	43	1,106	.....	9,418	32,916	309
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....acres..	202,589	192,321	158,212	204,914	152,905	78,894	90,439	31,875
10	.....bushels..	5,387,806	5,855,291	4,195,957	5,387,738	2,928,026	2,071,738	3,033,077	453,036
11	Corn.....acres..	77,028	54,299	50,658	29,925	13,641	23,264	31,317	2,719
12	.....bushels..	2,749,813	2,408,580	1,975,081	1,274,967	428,111	1,018,735	1,520,372	68,549
13	Oats.....acres..	68,603	77,113	50,069	43,547	52,097	15,561	31,616	12,066
14	.....bushels..	2,028,852	2,329,778	1,395,056	1,340,558	1,321,409	441,767	962,001	218,916
15	Wheat.....acres..	45,135	34,010	30,280	30,184	62,960	29,819	14,580	5,930
16	.....bushels..	393,590	364,843	303,131	430,858	679,420	401,673	191,623	45,983
17	Barley.....acres..	5,131	19,378	5,631	30,133	22,174	3,017	6,857	1,679
18	.....bushels..	95,253	500,991	110,443	814,639	477,177	72,555	181,877	9,084
19	Rye.....acres..	2,267	1,432	1,956	20,737	1,613	5,612	390	9,426
20	.....bushels..	22,572	24,156	27,768	524,358	10,432	94,666	6,111	90,541
21	Buckwheat.....acres..	876	335	457	182	.....	4	86	837
22	.....bushels..	13,306	3,715	8,509	7,943	2,094	6	646	9,817
23	Mixed crops.....acres..	3,407	5,695	18,984	28,902	132	1,588	5,611	453
24	.....bushels..	85,931	163,008	378,750	993,909	1,634	40,923	169,547	6,825
25	Other grains and seeds:								
26	Dry edible beans.....acres..	13	16	2	52	3	75	5	222
27	.....bushels..	168	258	31	832	42	900	52	1,556
28	Flaxseed.....acres..	1,604	2,380	2,604	7,423	11,512	75	321	56
29	.....bushels..	9,491	20,309	18,020	73,213	82,706	548	3,249	471
30	Hay and forage:								
31	Total.....acres..	74,131	74,306	91,406	72,544	59,206	64,642	48,594	22,654
32	.....tons..	139,487	166,179	225,320	213,806	96,073	156,130	98,404	30,122
33	All tame or cultivated grasses.....acres..	29,866	56,793	37,621	40,819	13,702	26,255	38,022	10,676
34	.....tons..	50,843	103,033	68,310	99,643	16,303	52,374	64,886	13,980
35	Timothy alone.....acres..	8,682	11,769	10,700	10,028	9,037	8,332	11,005	2,195
36	.....tons..	13,706	18,742	18,546	17,229	9,207	14,907	17,577	1,072
37	Timothy and clover mixed.....acres..	16,917	41,263	17,117	35,733	1,894	10,970	23,359	6,767
38	.....tons..	30,443	78,064	34,066	73,380	2,387	20,612	45,047	9,484
39	Clover alone.....acres..	1,881	2,076	1,068	3,085	369	1,087	923	1,433
40	.....tons..	3,054	4,501	3,793	6,777	446	3,564	1,876	2,007
41	Alfalfa.....acres..	284	24	211	310	934	2,369	85	32
42	.....tons..	634	103	664	897	1,651	7,056	85	52
43	Other tame or cultivated grasses.....acres..	2,102	1,661	7,325	663	1,558	2,897	187	308
44	.....tons..	3,006	2,523	11,211	1,360	2,632	5,245	301	435
45	Wild, salt, or prairie grasses.....acres..	28,641	1,327	34,953	3,803	32,041	29,235	1,931	5,177
46	.....tons..	37,966	1,946	48,923	5,824	34,887	49,053	3,224	5,275
47	Small grains cut for hay.....acres..	490	61	207	252	189	571	97	587
48	.....tons..	589	96	260	449	184	945	138	668
49	Annual legumes cut for hay.....acres..	11	2	39	20	244	79	7	20
50	.....tons..	16	6	68	30	351	162	10	23
51	Silage crops.....acres..	4,190	4,331	9,015	8,569	3,380	4,340	1,624	742
52	.....tons..	26,045	33,728	83,217	78,946	20,479	42,437	15,444	3,864
53	Corn cut for forage.....acres..	10,730	11,675	9,602	10,019	9,619	8,375	6,653	5,213
54	.....tons..	23,045	26,271	24,343	28,699	23,763	8,125	14,240	11,117
55	Kafir, sorghum, etc., for forage.....acres..	174	93	55	57	31	696	255	12
56	.....tons..	342	258	164	179	106	2,608	423	45
57	Root crops for forage.....acres..	29	24	14	5	.....	82	5	227
58	.....tons..	21	41	35	36	.....	426	33	1,150
59	Vegetables:								
60	Potatoes (Irish or white).....acres..	6,945	1,291	1,636	1,280	684	14,791	1,083	4,540
61	.....bushels..	242,085	72,043	62,441	109,397	29,580	1,412,653	82,859	428,146
62	Other vegetables.....acres..	17	30	12	275	3	3,345	18	35
63	Miscellaneous crops:								
64	Sugar beets grown for sugar.....acres..	.....	.....	.....	.....	.....	8	.....	.....
65	.....tons..	.....	.....	.....	.....	.....	93	.....	.....
66	Maple trees tapped.....number..	99	81	.....	20	.....	3,766	320	.....
67	Maple sugar made.....pounds..	.....	.....	.....	.....	.....	35	.....	.....
68	Maple sirup made.....gallons..	18	21	.....	7	.....	927	88	.....
69	FRUITS.								
70	Small fruits:								
71	Total.....acres..	62	90	87	151	19	692	62	16
72	.....quarts..	81,982	95,058	108,591	215,001	6,503	1,463,433	117,677	15,869
73	Strawberries.....acres..	41	58	53	92	14	312	38	6
74	Raspberries.....quarts..	67,370	77,131	85,028	170,891	4,018	832,368	91,478	5,872
75	.....acres..	16	25	25	49	2	303	16	7
76	Orchard fruits:								
77	Total.....trees not of bearing age..	11,486	11,812	13,964	18,134	2,103	30,974	17,810	1,720
78	.....trees of bearing age..	37,299	50,128	47,571	37,133	6,968	128,700	40,281	3,090
79	.....bushels harvested..	20,792	29,375	23,884	26,191	2,706	56,946	23,275	556
80	Apples.....trees not of bearing age..	10,177	11,089	12,808	16,757	1,445	27,836	16,388	899
81	.....trees of bearing age..	35,842	48,246	45,757	35,069	4,191	117,748	38,741	257
82	.....bushels harvested..	20,719	29,221	23,821	20,023	2,382	56,074	28,042	70
83	Plums and prunes.....trees not of bearing age..	1,013	562	923	1,116	509	2,513	690	679
84	.....trees of bearing age..	1,274	1,622	1,627	1,721	2,085	9,984	1,168	2,629
85	.....bushels harvested..	60	149	59	155	288	710	192	456
86	Cherries.....trees not of bearing age..	275	140	223	256	149	508	217	142
87	.....trees of bearing age..	137	208	160	314	692	662	345	179
88	.....bushels harvested..	8	4	4	13	96	49	38	20
89	Grapes.....vines not of bearing age..	406	130	266	68	35	761	651	.....
90	.....vines of bearing age..	777	79	996	1,217	43	4,191	2,313	.....
91	.....pounds harvested..	3,099	445	2,629	485	60	27,664	18,944	.....

AGRICULTURE—MINNESOTA.

31

AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

Isanti.	Itasca.	Jackson.	Kanabec.	Kandiyohi.	Kittson.	Koochi- chong.	Lac qui Parie.	Lake.	Le Sueur.	Lincoln.	Lyon.	McLeod.	Mahn- men.
5,925,233 1,538,917 141,000 949,880 3,273,145 21,010 1,281	1,547,984 148,637 3,944 423,052 966,901 3,925 625	7,814,431 5,994,830 151,088 1,423,184 194,168 47,271 131	2,931,952 440,050 24,610 930,921 1,504,813 11,357 131	8,000,077 5,613,960 163,305 1,982,414 205,188 32,230 2,980	6,718,297 4,919,790 487,078 773,639 537,851 609 80	550,205 91,917 20,449 247,158 186,056 4,539 80	6,828,280 5,098,356 85,964 1,408,797 102,743 42,402 18	135,495 13,331 122 60,692 60,899 445 0	6,024,412 4,502,680 13,501 1,174,018 263,140 36,277 34,700	4,658,723 3,044,523 217,452 1,186,265 194,627 15,856 20,724	6,241,565 4,074,563 84,257 1,375,680 86,341 20,724 44,608	6,086,190 3,949,320 60,560 1,675,326 305,914 44,608 44,608	1,515,791 802,937 223,521 330,278 158,807 248 248
57,791 1,230,393 7,228 254,184 18,215 673,124 16,305 203,762 1,289 27,074 14,576 109,173 81 770 81 2,040	5,751 151,020 379 12,973 3,070 108,206 806 10,818 432 10,290 329 5,491 22 470 96 2,505	200,328 5,063,930 82,314 2,789,850 90,921 2,043,557 8,180 71,858 7,040 100,423 5,442 234 2,878 171 4,633	15,261 449,888 1,471 46,762 8,622 306,669 1,922 19,864 1,015 40,698 1,216 23,674 50 484 58 2,482	202,098 4,303,162 45,123 1,539,628 55,923 1,650,177 81,767 815,691 15,555 307,435 3,214 30,222 89 740 350 8,574	214,428 2,976,584 221 4,982 46,648 947,297 1,006 11,592 396 7,422 55 752 1 7 39 754	4,359 3,908,005 53,127 1,044 2,791 67,857 1,006 11,592 396 7,422 55 752 1 7 39 754	227,979 3,908,005 53,127 1,044 2,791 67,857 1,006 11,592 396 7,422 55 752 1 7 39 754	564 15,053 38,073 1,713,213 9,363 281,509 65,711 838,404 1,550 32,084 1,635 26,949 30 310 402 9,800	110,782 2,903,011 38,073 1,713,213 9,363 281,509 65,711 838,404 1,550 32,084 1,635 26,949 30 310 402 9,800	137,174 2,774,549 33,193 878,670 47,434 1,371,480 23,919 151,487 27,625 401,300 3,615 30,131 27,318 3,183 804 25,568	171,579 4,029,495 62,750 2,329,047 63,153 1,371,480 30,436 180,914 11,403 112,686 6,152 27,318 3,183 804 25,568	126,290 2,848,483 29,856 2,329,047 21,474 735,238 57,238 596,284 5,751 111,804 8,064 123,919 56 583 160 5,621	43,817 551,177 21,052 21,052 12,451 239,780 24,394 203,961 3,064 55,551 2,422 26,503 523 160 419
1,004 11,257 54 484	18 210 2 9	5 50 3,635 22,271	13 206 102 710	13 148 5,898 35,452	1 11 14,069 105,192	6 84 2,905 18,672	22 187 2,905 18,672	2 11 18 109	2 11 18 109	1 11 5,751 38,104	3 3 2,405 16,937	4 41 2,287 14,592	4 38 0,086 50,486
42,701 76,415 12,760 21,466 2,887 4,162 5,634 10,340 2,929 4,540 66 108 1,244 2,266	15,906 28,932 10,007 17,083 610 1,064 8,850 15,495 307 781 26 69 205 274	64,302 113,881 24,000 31,468 7,882 14,069 20,071 1,119 1,733 46 1,408 1,758 2,309	36,283 68,314 26,191 40,685 513 23,244 35,635 911 1,733 512 123 1,477 2,309	95,016 175,287 11,001 17,767 9,244 5,014 5,653 8,460 314 618 512 1,295 1,268 2,380	46,316 59,396 17,767 17,547 9,244 5,014 5,653 8,460 314 618 512 1,295 1,268 2,380	10,499 15,230 8,265 12,155 517 726 7,111 10,301 527 273 30 114 80 122	60,803 123,750 16,185 27,490 4,515 6,341 5,843 9,345 527 980 2,418 6,318 2,882 4,506	2,448 3,618 2,281 3,363 170 203 2,024 3,048 56 91 3 8 9 13	44,171 91,032 14,904 29,581 4,338 6,372 3,132 6,442 1,422 3,158 342 1,172 7,447 13,437	49,812 95,421 16,816 26,235 4,435 6,820 9,575 14,453 294 442 1,088 2,841 1,028 1,676	57,211 113,495 17,805 27,954 4,435 5,734 8,329 12,679 226 352 1,559 3,914 3,256 5,275	66,552 136,549 22,024 40,646 2,553 4,242 8,421 16,303 635 352 1,303 1,355 9,980 17,443	27,790 27,510 2,033 2,553 1,288 1,224 337 378 141 200 435 97 226 353
26,304 32,780 173 237 68 198 2,033 18,555 1,313 3,040 13 35 37 104	4,504 5,610 532 735 27 43 263 1,793 212 620 8 15 293 1,527	20,135 35,795 400 393 14 3,232 20,579 0,735 10,285 120 370 40 41 315	6,847 10,043 128 181 2 1,809 15,767 1,761 1,283 13 40 41 315	65,473 80,825 343 553 3 0,170 50,184 11,373 28,892 53 111 2 2	15,542 12,454 7,402 6,316 300 2,105 12,741 3,067 9,399 12 38 16 600	1,588 1,004 434 482 4 4 20,528 15,755 32,635 75 209 189 600	22,564 31,873 1,487 1,782 111 223 4,625 20,528 15,755 32,635 75 209 189 600	75 59 83 120 2 110 910 8,185 10,524 15,718 26 63 37 380	17,529 36,866 96 129 55 110 3,394 20,373 10,524 23,327 138 429 1 8	17,860 24,069 841 975 5 5 5,245 20,582 10,410 21,816 132 217 1 8	21,523 30,380 1,894 3,194 202 352 3,105 29,350 7,627 16,982 113 217 33 101	33,165 48,378 296 515 269 464 3,105 29,350 7,627 16,982 113 217 33 101	23,653 17,513 495 590 12 27 472 3,966 1,112 3,048 3 53 10 55
17,790 1,492,027 4	3,012 389,457 50	1,336 45,077 33	7,838 663,142 2	1,130 52,460 20	3,794 217,875 3	807 53,107 23	914 20,640 9	168 23,082 3	1,331 54,506 267	1,912 61,097 11	562 17,221 11	1,339 66,835 10	794 51,306 24
344 56	943 267 149	75 15	298 75	61 298	192 12	15 2	157 7,371 80	157 7,371 80	157 7,371 80	157 7,371 80	157 7,371 80	157 7,371 80	157 7,371 80
58 52,489 33 35,094 6 4,691	21 10,752 15 11,850 3 3,302	70 40,009 51 35,085 10 2,471	25 22,100 10 10,711 4 7,183	41 28,956 24 18,370 11 7,820	2 1,180 279 1 400	27 21,033 23 18,076 2 1,710	40 17,614 30 11,532 8 4,361	3 1,873 2 1,559 8 4,361	63 35,019 38 28,076 21 5,395	20 13,178 13 11,004 5 1,391	51 27,891 42 23,571 6 2,739	40 37,285 22 27,045 14 7,516	1 399 1 379 1 379 1 379
5,742 9,985 6,099 4,413 7,468 5,778 1,031 2,137 270 282 375 51	801 497 170 300 114 37 369 355 125 125 28 8	13,176 30,439 22,637 11,246 31,870 22,423 1,900 4,086 196 7 460 17	8,764 7,008 3,762 5,754 4,625 3,258 1,950 1,950 799 799 517 105	11,165 30,665 15,155 9,213 14,822 1,338 2,254 2,254 802 804 95	112 709 167 75 124 29 553 90 3 2 2	410 249 60 247 29 10 47 11 3 12 12	9,486 38,536 22,433 6,492 33,108 21,825 2,674 4,565 503 820 851 105	502 209 35 450 183 38 35 11 102 14 15 105	11,112 31,298 16,739 10,567 20,603 16,539 2,573 1,394 256 114 216 38	11,556 13,808 7,546 8,095 11,446 7,249 2,573 1,394 256 114 216 38	7,744 17,983 8,578 5,624 15,463 31,178 1,700 2,207 209 415 266 18	10,001 32,452 21,436 9,150 31,704 631 1,080 108 8 192 12	562 145 88 387 49 79 112 76 77 8 20 1 5 3 100
43 81 115	35 194 122	337 644 1,393	65 62 155	111 230 788	12 429 1,737	12 429 1,737	167 429 1,737	6 429 1,737	250 568 1,335	296 504 924	231 285 1,493	140 283 1,345	5 3 84

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		Marshall.	Martin.	Meeker.	Mille Lacs.	Morrison.	Mower.	Murray.	Nicollet.
VALUE OF ALL CROPS.									
1	Total.....dollars..	8,331,611	11,014,385	6,575,363	3,302,005	6,562,933	7,519,723	7,135,924	4,668,151
2	Cereals.....dollars..	6,159,040	8,814,006	4,371,792	607,734	3,099,734	4,105,860	6,362,610	3,283,783
3	Other grains and seeds.....dollars..	456,886	44,095	90,678	12,435	188,610	550,380	220,319	34,340
4	Hay and forage.....dollars..	1,379,778	1,752,370	1,890,472	1,133,568	1,540,750	2,252,300	1,807,001	1,093,461
5	Vegetables.....dollars..	334,646	302,252	203,393	1,624,819	1,710,962	441,417	151,599	200,030
6	Fruits.....dollars..	1,281	75,036	37,773	15,067	12,089	53,078	23,078	41,205
7	All other crops.....dollars..		26,626	11,350	8,472	1,188	20,076	14,048	16,233
SELECTED CROPS (acres harvested and production).									
Cereals:									
8	Total.....acres..	300,654	229,199	153,071	19,800	119,772	166,074	192,470	112,650
9	.....bushels..	3,930,245	8,436,436	3,064,661	572,776	2,353,993	4,278,672	5,024,754	2,370,841
10	Corn.....acres..	103,561	103,561	32,513	2,769	15,550	32,561	71,224	35,494
11	.....bushels..	22,868	4,236,707	1,204,841	101,195	445,033	1,122,767	2,463,135	1,363,828
12	Oats.....acres..	60,471	115,974	28,408	8,990	32,936	102,406	91,232	20,692
13	.....bushels..	1,368,012	4,046,043	770,901	333,117	948,743	2,074,404	2,280,079	453,035
14	Wheat.....acres..	187,747	5,387	72,712	3,601	30,624	14,587	12,089	44,653
15	.....bushels..	1,682,206	69,409	754,818	42,394	441,633	132,402	74,888	402,887
16	Barley.....acres..	39,881	2,788	4,451	2,195	5,057	8,083	13,511	3,917
17	.....bushels..	591,238	60,629	179,787	60,874	108,415	150,716	157,159	59,654
18	Rye.....acres..	25,804	778	9,170	1,910	27,674	440	3,008	7,637
19	.....bushels..	258,988	7,608	121,872	25,652	380,066	6,260	35,320	99,099
20	Buckwheat.....acres..	144	552	603	58	1,736	1,772	385	45
21	.....bushels..	1,949	9,704	5,835	696	21,898	25,850	2,204	234
22	Mixed crops.....acres..	54	127	800	260	103	6,165	110	143
23	.....bushels..	550	6,221	18,690	8,448	2,215	100,027	2,080	2,362
Other grains and seeds:									
24	Dry edible beans.....acres..	10	7	67	37	44	20	7	6
25	.....bushels..	104	71	759	571	351	235	70	62
26	Flaxseed.....acres..	12,687	1,075	2,591	62	902	9,980	6,045	941
27	.....bushels..	93,005	7,136	17,938	669	7,108	81,980	41,419	5,470
Hay and forage:									
28	Total.....acres..	80,646	70,267	70,363	39,289	78,158	80,420	64,162	49,870
29	.....tons..	107,807	163,854	161,602	82,105	119,981	174,357	109,442	88,844
30	All tame or cultivated grasses.....acres..	20,495	27,796	16,221	28,502	18,935	58,205	21,049	8,510
31	.....tons..	26,276	37,584	30,124	42,907	28,699	84,472	28,395	15,390
32	Timothy alone.....acres..	11,810	9,703	4,348	808	4,814	16,704	8,011	2,638
33	.....tons..	11,143	12,366	7,067	1,246	6,937	22,938	10,325	4,356
34	Timothy and clover mixed.....acres..	4,877	13,072	8,787	10,400	10,246	30,850	9,940	3,206
35	.....tons..	5,239	18,398	10,152	36,337	16,327	55,198	12,858	5,700
36	Clover alone.....acres..	472	715	925	704	1,030	1,698	950	579
37	.....tons..	750	1,036	1,050	1,550	3,078	2,010	1,215	1,180
38	Alfalfa.....acres..	1,579	142	636	20	46	30	472	487
39	.....tons..	5,524	339	2,014	32	102	85	939	1,590
40	Other tame or cultivated grasses.....acres..	2,248	4,104	1,625	2,471	1,899	2,923	2,270	1,000
41	.....tons..	3,614	5,445	2,982	3,742	2,255	3,343	3,058	2,564
42	Wild, salt, or prairie grasses.....acres..	40,946	24,516	41,741	12,054	52,580	6,000	28,407	33,382
43	.....tons..	33,986	30,449	61,425	19,150	70,287	9,197	36,121	40,324
44	Small grains cut for hay.....acres..	11,106	87	615	218	201	150	852	270
45	.....tons..	12,858	107	1,728	330	263	162	1,026	453
46	Annual legumes cut for hay.....acres..	119	22	110	323	30	3	140	17
47	.....tons..	270	19	216	496	50	5	108	34
48	Silage crops.....acres..	3,226	6,915	6,412	1,700	1,822	9,778	2,509	1,470
49	.....tons..	19,767	57,676	56,018	14,787	12,668	49,443	17,019	13,574
50	Corn cut for forage.....acres..	1,679	10,571	4,857	1,321	4,330	15,140	10,210	6,172
51	.....tons..	13,972	26,314	10,897	8,393	7,430	33,899	25,116	12,028
52	Kafir, sorghum, etc., for forage.....acres..	54	250	96	11	27	74	290	55
53	.....tons..	167	833	262	42	28	187	607	109
54	Root crops for forage.....acres..	21	110	11	160	227	1		3
55	.....tons..	52	872	32	991	525	2		27
Vegetables:									
56	Potatoes (Irish or white).....acres..	1,544	1,860	1,030	7,227	7,621	2,070	1,482	784
57	.....bushels..	92,870	71,285	52,017	661,494	698,020	144,713	36,078	42,501
58	Other vegetables.....acres..	6	31	12	22	50	108	20	19
Miscellaneous crops:									
59	Sugar beets grown for sugar.....acres..		238	51			304		24
60	.....tons..		2,400	408			1,848		173
61	Maple trees tapped.....number..				2,220	506	00		281
62	Maple sugar made.....pounds..				60	55			1
63	Maple sirup made.....gallons..				464	146	18		92
FRUITS.									
Small fruits:									
64	Total.....acres..	8	76	62	32	28	61	22	32
65	.....quarts..	4,340	88,977	30,425	26,449	23,412	70,080	19,020	41,869
66	Strawberries.....acres..	8	56	50	12	18	40	13	22
67	.....quarts..	2,755	75,722	25,257	17,243	18,571	62,200	10,231	20,461
68	Raspberries.....acres..	3	16	9	14	8	18	7	6
69	.....quarts..	667	11,742	4,029	6,705	3,617	10,719	1,093	9,553
Orchard fruits:									
70	Total.....trees not of bearing age..	810	74,765	11,544	6,944	9,481	10,052	6,488	17,663
71	.....trees of bearing age..	786	58,785	32,401	8,890	10,918	30,577	18,946	28,719
72	.....bushels harvested..	196	31,675	18,255	5,385	4,349	21,930	11,438	15,746
73	Apples.....trees not of bearing age..	433	72,800	10,115	4,452	6,160	14,959	6,466	10,053
74	.....trees of bearing age..	169	54,412	29,071	6,568	6,446	28,005	14,243	26,217
75	.....bushels harvested..	91	31,290	18,001	4,904	3,705	21,896	11,020	15,609
76	Plums and prunes.....trees not of bearing age..	300	849	904	1,970	2,634	887	2,368	1,282
77	.....trees of bearing age..	530	1,535	1,815	1,788	3,657	1,702	4,124	2,174
78	.....bushels harvested..	103	56	170	269	556	111	308	131
79	Cherries.....trees not of bearing age..	68	1,070	613	502	658	201	647	228
80	.....trees of bearing age..	37	2,791	671	525	774	170	548	288
81	.....bushels harvested..	2	319	56	152	68	7	41	6
82	Grapes.....vines not of bearing age..	4	412	247	81	144	97	255	270
83	.....vines of bearing age..		5,759	226	10	108	57	130	978
84	.....pounds harvested..		18,288	1,157	14	25		310	3,907

Nobles.	Norman.	Olmsted.	Otter Tail.	Pennington.	Pine.	Pipestone.	Folk.	Pope.	Ramsey.	Red Lake.	Redwood.	Renville.	Rice.	
8,967,485	7,373,923	8,169,806	17,568,127	2,270,112	4,933,674	4,873,101	14,438,670	5,940,721	1,773,085	1,950,482	6,845,853	9,457,450	6,372,788	1
7,131,065	4,102,570	5,083,511	9,016,181	1,197,602	1,128,039	3,683,983	8,066,065	3,804,713	316,008	1,223,012	4,987,404	6,748,595	4,089,084	2
171,079	4,456,785	3,008,301	8,777,704	164,312	51,613	68,011	930,967	354,744	1,773	115,589	63,810	134,582	128,783	3
1,283,437	1,215,244	2,223,544	4,045,798	768,190	1,617,293	769,523	2,641,583	1,046,037	482,097	487,751	1,628,624	2,281,651	1,760,400	4
345,150	1,595,607	380,427	2,705,342	145,585	2,105,885	323,858	2,801,551	166,769	913,199	123,214	127,090	207,008	331,849	5
36,787	3,613	75,510	18,257	423	30,223	5,726	7,433	7,858	60,408	879	35,150	64,341	55,116	6
17	16	8,423	4,755		558		1,081			7	3,015	21,228	1,653	7
233,250	237,121	150,530	382,408	60,941	40,438	135,098	435,620	158,224	10,546	74,323	225,710	278,502	122,627	8
7,011,565	2,859,841	4,432,012	6,889,075	829,302	1,081,503	3,633,731	5,295,421	3,013,070	256,924	871,401	4,256,788	5,408,151	2,996,907	9
98,828	1,786	37,894	39,820	250	0,339	44,297	2,589	19,650	2,300	587	70,630	77,345	30,615	10
3,175,465	52,855	1,649,715	1,240,020	7,127	216,300	1,364,154	81,087	627,410	81,041	17,993	1,985,478	2,446,906	1,261,612	11
123,363	69,127	49,010	93,143	20,112	20,721	66,011	115,474	53,027	4,026	27,032	77,893	74,044	23,682	12
3,680,769	1,230,945	1,641,020	2,329,352	355,724	656,756	1,971,464	2,091,379	1,340,092	11,230	401,532	1,684,022	1,934,265	664,655	13
4,243	124,411	24,354	181,785	32,341	5,756	6,871	242,610	66,036	1,445	23,922	51,401	105,385	43,677	14
40,292	1,015,741	267,577	1,008,264	273,697	66,824	49,217	2,182,067	664,649	3,430	273,344	321,075	740,405	517,485	15
5,987	30,811	24,261	27,638	4,347	3,045	14,227	47,498	15,489	3,449	4,833	6,712	12,080	7,183	16
98,750	452,652	561,107	575,573	59,058	66,493	239,854	656,225	322,462	5,277	56,230	72,747	160,555	173,146	17
979	10,560	4,826	37,802	12,293	4,128	189	25,681	2,870	1,341	10,856	18,110	7,799	7,060	18
10,486	90,074	70,803	702,370	123,711	66,533	2,488	263,120	32,541	20,325	107,241	181,950	75,688	137,818	19
301	158	339	489	237	189	296	1,149	735	165	1,020	745	317	74	20
3,783	2,583	4,982	0,474	3,207	1,012	4,217	7,931	7,836	3,387	13,108	8,700	3,387	1,227	21
27	75	9,872	1,293	262	139	117	393	346	65	37	105	1,416	10,324	22
1,025	2,180	236,748	27,124	4,527	3,557	3,120	3,874	7,514	1,556	850	2,335	34,596	210,944	23
7	20	10	311	4	157	7</								

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		Rock.	Roseau.	St. Louis.	Scott.	Sherburne.	Sibley.	Stearns.	Steele.
VALUE OF ALL CROPS.									
1	Total.....dollars..	7,865,073	2,549,344	3,784,908	4,018,343	4,031,196	6,125,436	12,770,786	5,247,974
2	Cereals.....dollars..	6,606,421	1,319,322	3,011,047	2,898,038	1,780,841	4,279,114	8,101,717	3,081,087
3	Other grains and seeds.....dollars..	37,832	238,638	14,148	9,328	102,270	59,027	304,614	70,180
4	Hay and forage.....dollars..	803,431	763,541	1,375,320	902,113	534,153	1,466,990	2,937,231	1,693,038
5	Vegetables.....dollars..	345,140	225,972	2,027,200	203,226	1,291,564	262,889	1,366,714	343,383
6	Fruits.....dollars..	12,249	1,871	7,144	20,657	11,240	32,651	27,851	57,470
7	All other crops.....dollars..			49	14,981	11,128	24,765	32,659	916
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....acres..	174,837	73,755	14,291	81,120	70,941	156,976	281,830	102,812
10	Corn.....bushels..	6,307,471	969,948	372,777	1,945,138	1,395,046	3,112,271	6,067,366	2,496,349
11	Oats.....acres..	80,701	278	216	21,330	23,423	44,389	55,028	28,303
12	Wheat.....bushels..	3,246,009	3,384	9,022	931,729	706,308	1,533,598	1,897,342	1,182,363
13	Barley.....acres..	82,001	23,409	9,683	11,973	14,279	30,883	75,400	22,468
14	Wheat.....bushels..	2,855,584	444,801	290,972	337,677	358,100	776,353	2,115,247	543,170
15	Barley.....acres..	4,264	25,020	2,583	35,907	11,059	66,487	107,524	20,022
16	Wheat.....bushels..	40,194	246,770	33,326	465,660	111,710	601,158	1,243,745	208,334
17	Barley.....acres..	6,656	6,397	1,105	1,431	891	4,800	15,758	6,105
18	Rye.....bushels..	147,240	75,974	24,989	32,677	14,113	66,118	330,039	102,174
19	Buckwheat.....acres..	991	17,272	603	9,599	20,470	10,166	24,350	1,716
20	Mixed crops.....bushels..	12,672	192,334	11,984	162,358	191,480	130,192	389,776	25,768
21	Other grains and seeds.....acres..	34	182	7	61	374	62	1,438	247
22	Dry edible beans.....bushels..	482	1,895	92	528	3,505	815	19,186	3,874
23	Flaxseed.....acres..	166	216	53	816	232	123	2,195	24,806
24	Flaxseed.....bushels..	4,440	3,757	1,735	14,544	5,774	2,762	60,266	430,683
25	Hay and forage:								
26	Total.....acres..	34,460	57,197	56,058	31,310	40,646	71,981	137,551	62,786
27	All tame or cultivated grasses.....acres..	65,418	53,781	85,159	70,143	72,992	117,239	280,990	140,788
28	Timothy alone.....acres..	14,617	20,213	47,181	14,704	9,252	11,448	28,171	22,155
29	Timothy and clover mixed.....acres..	19,103	20,324	69,354	25,085	12,015	20,302	43,586	42,169
30	Clover alone.....acres..	3,568	11,296	3,606	1,899	1,987	3,430	8,418	4,077
31	Alfalfa.....acres..	8,279	6,822	43,800	3,899	2,080	5,829	10,500	6,974
32	Other tame or cultivated grasses.....acres..	10,594	7,952	64,075	3,442	4,045	4,797	6,536	12,335
33	Wild, salt, or prairie grasses.....acres..	785	1,051	1,079	1,819	5,103	8,924	14,542	24,702
34	Small grains cut for hay.....acres..	994	643	691	823	2,690	853	2,094	1,901
35	Annual legumes cut for hay.....acres..	633	345	1,079	1,819	3,717	1,622	4,879	4,454
36	Silage crops.....acres..	1,465	450	247	1,749	131	109	284	93
37	Corn cut for forage.....acres..	1,352	1,007	223	8,101	474	479	659	324
38	Kafir, sorghum, etc., for forage.....acres..	2,174	1,059	347	14,234	509	2,199	6,819	3,749
39	Root crops for forage.....acres..	13,094	34,130	0,521	12,222	22,204	46,687	89,950	27,059
40	Small grains cut for hay.....acres..	17,447	29,693	7,423	23,442	26,514	65,434	117,650	35,990
41	Annual legumes cut for hay.....acres..	182	1,864	1,058	162	134	469	257	135
42	Silage crops.....acres..	344	1,560	1,471	233	39	503	338	181
43	Corn cut for forage.....acres..	25	80	69	128	39	121	260	7
44	Kafir, sorghum, etc., for forage.....acres..	39	103	93	249	187	187	546	17
45	Root crops for forage.....acres..	1,900	820	328	1,309	3,512	1,510	9,622	5,126
46	Vegetables.....acres..	17,377	820	2,534	12,048	23,769	10,840	66,071	41,776
47	Potatoes (Irish or white).....bushels..	4,521	1,726	691	2,755	5,470	11,693	9,155	8,261
48	Other vegetables.....acres..	10,756	14	2	0,008	10,006	19,779	22,366	20,501
49	Small fruits.....acres..	113	33	6	23	82	30	113	42
50	Root crops for forage.....acres..	238	76	896	67	66	64	299	112
51	Potatoes (Irish or white).....bushels..	8	322	4,278	11	9	110	134	31
52	Other vegetables.....acres..	2,456	1,495	5,183	891	7,880	1,488	6,974	1,830
53	Miscellaneous crops.....bushels..	138,998	71,392	758,003	52,042	570,587	58,469	510,522	108,347
54	Sugar beets grown for sugar.....acres..	6	10	181	14	90	500	118	130
55	Maple trees tapped.....acres..				39		241		
56	Maple sugar made.....number..				310		1,736		
57	Maple sirup made.....pounds..				436		152		
58	Maple sirup made.....gallons..				8		39		
59	FRUITS.								
60	Total.....acres..	4	15	34	21	24	58	55	56
61	Strawberries.....acres..	4,470	8,526	31,610	19,379	23,548	26,674	44,108	60,933
62	Raspberries.....acres..	3	8	17	15	17	44	29	44
63	Orchard fruits.....acres..	3,893	4,590	18,662	15,746	16,999	20,642	32,175	52,315
64	Total.....trees not of bearing age..	458	3,038	7,287	2,370	4,323	3,428	7,519	7,272
65	Apples.....bushels harvested..	4,953	3,710	1,538	5,665	5,213	10,573	22,798	7,219
66	Plums and prunes.....bushels harvested..	11,741	590	890	21,870	4,691	21,504	25,771	33,819
67	Cherries.....bushels harvested..	6,535	17	282	9,665	3,529	15,749	10,600	26,187
68	Small fruits.....bushels harvested..	3,459	266	1,094	5,287	2,992	9,418	18,342	6,866
69	Apples.....trees of bearing age..	8,963	9	650	20,726	3,353	19,903	19,904	32,978
70	Plums and prunes.....trees of bearing age..	6,200	3,328	218	9,559	2,920	15,505	9,893	26,148
71	Cherries.....trees of bearing age..	1,213	204	336	309	1,682	944	3,096	290
72	Small fruits.....trees of bearing age..	2,449	14	170	1,066	924	1,283	4,380	809
73	Apples.....bushels harvested..	274	14	170	1,066	924	1,283	4,380	809
74	Plums and prunes.....bushels harvested..	204	80	104	85	569	211	499	38
75	Cherries.....bushels harvested..	289	377	34	130	402	105	1,225	63
76	Small fruits.....bushels harvested..	58	3	34	11	38	234	1,443	32
77	Grapes.....vines not of bearing age..	131					30	182	1
78	Grapes.....vines of bearing age..	215			93	23	366	485	66
79	Grapes.....pounds harvested..	90			212	2	453	879	27
80					659	20	1,211	866	26

AGRICULTURE—MINNESOTA.

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AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

Stevens.	Swift.	Todd.	Traverse.	Wabasha.	Wadena.	Waseca.	Washington.	Watson.	Wilkin.	Winona.	Wright.	Yellow Medicine.	
5,200,762 3,800,796 271,799 987,998 132,826 5,207 5,136	7,220,969 5,305,087 193,092 1,580,080 126,575 14,848 87	6,938,606 3,005,059 133,492 1,566,341 1,918,142 13,426 2,146	5,230,956 4,248,057 100,294 760,383 114,770 7,424 28	6,635,271 4,196,414 206,011 74,711 717,104 54,272 13,059	2,763,151 831,095 39,304 74,711 1,293,805 175,253 37,595 6,017	4,626,298 3,054,144 59,394 1,293,805 1,321,276 1,430,972 107,356 151	5,310,016 2,413,256 34,953 1,321,276 1,430,972 117,193 31,929 1,219	4,609,209 3,303,134 2,638 1,131,096 1,052,245 533,398 2,531 8,000	6,593,694 4,798,650 198,870 1,052,245 1,759,757 715,837 122,262 7,642	6,975,217 4,087,839 281,880 1,399,757 1,759,757 715,837 122,262 7,642	8,970,551 5,562,141 40,337 2,239,175 936,275 91,207 140,656 57,970	7,112,248 5,465,015 84,478 1,433,617 91,207 35,865 2,066	1 2 3 4 5 6 7
162,152 2,982,176 21,767 627,775 50,804 1,271,032 64,400 613,283 23,041 445,364 889 8,804 217 8,125 3 37 8,005 54,310	224,130 4,335,748 45,055 1,312,019 73,052 1,993,260 85,996 717,464 15,207 205,216 4,477 42,399 57 395 88 2 5 48 7,556 41,817	118,774 2,364,871 22,473 641,442 33,085 916,849 36,704 366,973 7,535 153,750 16,937 246,654 494 4,301 1,323 28,127 489 5,388 1,306 11,529	203,036 2,981,811 22,135 581,030 47,405 1,080,619 111,515 929,440 17,858 337,810 4,298 39,716 71 527 93 1,200 1 6 3,327 21,807	130,502 3,347,513 22,807 1,083,768 30,253 930,974 27,515 328,101 27,024 507,104 15,926 271,970 125 2,310 6,806 132,120 5 65 424 3,563	42,508 660,904 7,090 191,570 211,268 6,817 48,149 1,952 31,212 13,320 165,616 249 2,511 629 10,391 129 889 309 2,768	100,133 2,191,175 33,010 1,242,583 48,946 304,985 47,073 3,592 51,318 3,529 44,120 67 1,051 2,891 52,168 3 38 423 2,768	83,246 1,908,507 13,376 527,471 24,227 94,370 8,297 5,960 130,042 8,542 120,908 42 139 532 93 2,750 89 716 302 2,365	112,187 2,970,823 48,227 1,071,750 49,335 1,171,145 1,100,762 146,038 3,157 36,442 231,451 3,206 24,525 2,079 67 896 1 80 7,733 42,018	227,213 3,030,016 9,415 258,742 58,844 1,100,762 1,050,071 146,038 13,483 19,041 419,910 5,178 83,093 7,828 6,061 144,309 65 882 1,372 12,504	120,066 3,253,049 24,091 1,105,423 36,875 1,050,071 36,742 68,568 876,917 6,313 147,831 5,498 92,145 49 511 2,559 72,398 41 687 279 2,453	150,433 3,848,381 45,066 1,996,417 21,399 659,963 68,568 876,917 6,313 147,831 5,498 92,145 49 511 2,559 72,398 1 5 2,144 15,070	193,680 4,095,810 56,668 1,638,619 60,945 1,519,909 66,184 923,633 6,112 77,454 3,333 33,029 186 2,091 50 535 1 25 2,144 15,070	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
55,866 79,674 15,599 17,083 11,890 11,380 1,818 2,032 198 281 745 2,193 959 1,194 29,770 33,021 34 25 2,491 14,133 7,870 15,180 102 232 959 37,636 18	91,383 132,032 10,462 12,647 6,304 6,300 1,594 1,016 165 155 729 1,019 1,070 2,357 64,192 72,034 412 507 36 45 2,491 17,588 10,395 20,146 11 28 3 9 1,116 31,987 37	85,334 156,355 19,845 30,867 6,151 7,461 10,309 17,456 1,227 2,081 298 892 1,890 2,974 52,098 67,598 169 164 66 67 4,991 30,712 8,061 17,340 30 71 99 536 10,320 808,524 39	40,970 61,824 12,005 13,096 4,888 8,701 1,310 2,003 38 44 621 1,201 1,505 1,954 17,461 17,107 212 210 14 14 1,483 8,093 9,061 21,389 55 99 23 155 691 25,049 4	41,606 111,854 27,883 55,618 4,830 8,580 4,908 6,230 760 906 48 134 208 381 1,080 3,538 28 213 32 33 3,377 34,729 8,436 5,361 11,716 13 26 23 155 2,204 184,647 1,357	40,822 57,699 9,237 10,895 2,213 2,286 4,908 6,230 760 906 48 134 208 381 24,404 26,016 283 213 32 33 3,377 8,436 5,361 11,716 13 26 23 155 5,717 491,152 199	52,091 104,430 14,185 24,628 2,853 4,672 8,216 14,024 2,068 4,109 141 408 907 1,415 28,300 43,439 237 272 38 35 2,214 19,219 6,903 10,692 27 83 26 71 775 41,329 7	42,473 108,483 26,983 44,604 10,117 13,309 13,830 24,905 2,407 5,307 213 537 350 615 4,481 6,176 213 220 681 110 3,205 22,600 8,000 17,472 68 161 2 5 5,774 502,375 334	48,365 94,652 12,848 20,010 4,001 5,711 6,731 11,010 356 524 222 511 912 1,296 23,683 33,783 550 681 110 2,708 14,710 8,171 20,776 655 1,309 5 666 20,098 9	81,542 88,616 35,968 10,194 7,645 6,619 1,334 1,308 122 166 442 805 912 705 58,290 40,274 1,181 1,234 13 26 5,132 46,538 11,935 25,478 41 87 19 74 3,720 216,035 3	54,108 139,082 35,968 65,140 10,336 16,806 23,318 44,054 122 166 442 805 912 705 885 1,545 115 194 13 26 5,132 46,538 11,935 25,478 41 87 19 74 2,928 228,999 306	150,433 3,848,381 45,066 1,996,417 21,399 659,963 68,568 876,917 6,313 147,831 5,498 92,145 49 511 2,559 72,398 26,945 55,401 302 502 30 56 3,758 38,795 7,813 14,918 50 124 19 145 4,017 328,908 902	193,680 4,095,810 56,668 1,638,619 60,945 1,519,909 66,184 923,633 6,112 77,454 3,333 33,029 186 2,091 50 535 26,272 38,240 2,627 3,505 67 88 4,101 24,658 14,612 25,351 276 577 2 10 743 20,532 14	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919.

	THE STATE.	Aitkin.	Anoka.	Becker.	Beltrami.	Benton.	Big Stone.	Blue Earth.	Brown.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
1 Number free from mortgage debt.....	54,090	618	605	734	1,206	380	178	720	530
2 Number with mortgage debt.....	69,545	1,119	637	1,288	1,404	704	399	1,043	583
3 Number with no mortgage report.....	9,113	67	37	89	191	262	34	264	146
For farms consisting of owned land only:									
4 Number of farms reporting amount of debt.....	57,585	996	506	1,020	1,291	649	280	827	463
5 Value of land and buildings.....dollars..	925,963,060	4,532,970	5,233,970	8,710,942	4,896,975	7,715,979	7,879,238	19,280,622	12,180,285
6 Amount of mortgage debt.....dollars..	254,475,222	1,065,930	1,403,110	2,684,864	1,181,486	2,249,951	1,977,255	5,577,806	3,280,626
7 Ratio of debt to value.....per cent..	27.5	23.5	26.8	30.8	24.1	29.2	25.1	28.9	26.9
8 Average rate of interest paid.....per cent..	5.8	6.4	5.9	6.3	6.9	6.0	5.9	5.5	6.4
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
9 Farms reporting.....number..	111,697	679	778	1,407	998	760	865	1,876	1,474
10 Total expenditure.....dollars..	40,811,218	142,798	339,711	470,126	212,245	225,617	536,112	830,462	647,702
11 Amount in cash.....dollars..	36,450,774	112,232	241,231	356,826	169,818	163,739	376,808	600,576	464,358
12 Value of rent and board furnished.....dollars..	13,360,444	30,566	98,480	113,300	42,427	61,878	159,214	229,886	183,344
Fertilizer:									
13 Farms reporting.....number..	3,031	9	27	12	22	5	28	23	17
14 Amount expended.....dollars..	432,680	304	2,873	1,028	1,661	855	9,731	2,105	3,412
Feed:									
15 Farms reporting.....number..	109,530	1,388	1,092	1,420	1,914	898	533	1,711	1,028
16 Amount expended.....dollars..	23,940,650	199,810	264,764	217,189	287,250	122,538	210,536	444,711	253,493

	Carlton.	Carver.	Cass.	Chippewa.	Chisago.	Clay.	Clear-water.	Cook.	Cotton-wood.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
1 Number free from mortgage debt.....	793	865	403	275	1,031	470	392	70	276
2 Number with mortgage debt.....	1,004	703	867	580	809	705	679	56	695
3 Number with no mortgage report.....	40	82	114	132	29	79	90	11	69
For farms consisting of owned land only:									
4 Number of farms reporting amount of debt.....	955	628	704	424	726	470	560	54	476
5 Value of land and buildings.....dollars..	4,715,788	12,406,955	4,789,151	12,019,716	7,850,321	11,107,169	3,771,590	150,980	14,967,178
6 Amount of mortgage debt.....dollars..	1,306,267	3,369,783	1,192,166	2,726,397	2,031,699	2,636,599	833,365	35,075	3,707,369
7 Ratio of debt to value.....per cent..	27.7	27.1	24.9	22.7	25.8	23.7	22.1	23.2	24.8
8 Average rate of interest paid.....per cent..	6.3	5.0	6.5	5.7	5.7	6.2	6.5	6.0	5.6
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
9 Farms reporting.....number..	753	1,371	500	1,399	1,340	1,548	596	69	1,077
10 Total expenditure.....dollars..	205,063	740,613	115,004	895,915	510,042	1,347,739	154,207	9,154	409,379
11 Amount in cash.....dollars..	160,212	534,167	92,223	621,235	356,680	943,682	113,643	6,689	298,175
12 Value of rent and board furnished.....dollars..	44,851	206,446	22,781	184,680	153,362	404,057	40,624	2,468	111,204
Fertilizer:									
13 Farms reporting.....number..	11	41	3	29	10	31	12	1	8
14 Amount expended.....dollars..	943	10,212	178	6,764	3,396	12,988	2,306	39	1,987
Feed:									
15 Farms reporting.....number..	1,357	1,383	1,072	840	1,091	930	655	107	913
16 Amount expended.....dollars..	249,004	251,901	171,797	222,514	141,417	269,866	83,282	15,980	303,681

	Crow Wing.	Dakota.	Dodge.	Douglas.	Faribault.	Fillmore.	Freeborn.	Goodhue.	Grant.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
1 Number free from mortgage debt.....	477	876	450	868	527	922	701	1,164	312
2 Number with mortgage debt.....	475	740	481	1,056	847	935	883	798	447
3 Number with no mortgage report.....	93	139	64	95	82	173	117	121	79
For farms consisting of owned land only:									
4 Number of farms reporting amount of debt.....	369	692	419	893	731	790	740	637	297
5 Value of land and buildings.....dollars..	2,254,770	10,024,905	8,719,680	11,377,120	23,681,854	17,393,021	17,503,885	12,367,285	6,203,969
6 Amount of mortgage debt.....dollars..	576,649	3,022,603	2,851,281	3,267,020	6,257,913	5,116,292	4,621,182	3,770,932	1,450,871
7 Ratio of debt to value.....per cent..	25.6	30.2	32.7	28.7	26.4	29.4	28.1	30.6	23.5
8 Average rate of interest paid.....per cent..	6.0	5.7	5.7	6.0	5.6	5.5	5.5	5.5	5.9
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
9 Farms reporting.....number..	590	1,704	972	1,652	1,670	2,174	1,820	2,585	1,073
10 Total expenditure.....dollars..	165,545	800,848	428,906	551,953	762,051	965,778	742,498	1,497,014	465,094
11 Amount in cash.....dollars..	127,722	697,881	311,937	412,290	562,359	702,973	516,830	1,086,171	336,367
12 Value of rent and board furnished.....dollars..	37,823	202,967	117,059	139,663	199,692	262,805	225,668	411,743	128,727
Fertilizer:									
13 Farms reporting.....number..	9	152	39	8	138	13	47	70	7
14 Amount expended.....dollars..	976	16,701	1,815	664	11,792	1,904	8,304	6,707	831
Feed:									
15 Farms reporting.....number..	719	1,597	756	1,280	1,354	1,257	1,500	1,978	569
16 Amount expended.....dollars..	109,036	534,442	206,850	177,888	471,149	301,002	280,070	407,484	86,609

AGRICULTURE—MINNESOTA.

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COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919—Continued.

	Hennepin.	Houston.	Hubbard.	Isanti.	Itasca.	Jackson.	Kanabec.	Kandiyohi.	Kittson.	Koochiching.
MORTGAGE DEBT REPORTS: 1920.										
For all farms operated by owners:										
Number free from mortgage debt.....	1,531	728	325	928	582	442	356	584	278	390
Number with mortgage debt.....	1,074	693	702	891	684	726	930	983	811	472
Number with no mortgage report.....	458	79	67	58	72	97	117	101	52	41
For farms consisting of owned land only:										
Number of farms reporting amount of debt...	871	602	580	786	618	518	872	802	554	415
Value of land and buildings.....dollars..	9,704,550	8,858,045	3,872,410	7,824,240	2,151,323	10,147,803	7,328,553	16,988,506	7,163,788	1,804,855
Amount of mortgage debt.....dollars..	2,695,715	2,709,457	926,717	1,903,521	504,327	3,933,976	2,422,594	4,259,161	2,187,570	360,374
Ratio of debt to value.....per cent..	27.8	30.6	23.9	26.8	26.2	24.4	33.1	25.1	30.5	26.4
Average rate of interest paid.....per cent..	6.8	5.5	6.3	6.0	6.6	5.5	6.0	5.8	6.4	7.1
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.										
Labor:										
Farms reporting.....number..	2,461	1,404	501	1,264	525	1,428	644	1,925	1,125	286
Total expenditure.....dollars..	1,230,730	534,052	112,032	443,950	118,662	562,657	167,019	927,247	934,662	64,842
Amount in cash.....dollars..	908,084	392,477	88,164	320,201	95,340	412,896	131,252	678,004	708,793	51,368
Value of rent and board furnished.....dollars..	327,655	141,575	24,468	114,749	23,322	149,761	35,767	249,243	225,869	13,474
Fertilizer:										
Farms reporting.....number..	385	17	10	16	24	74	4	239	4	5
Amount expended.....dollars..	50,027	2,289	352	2,797	707	6,458	573	19,569	971	292
Feed:										
Farms reporting.....number..	2,643	993	836	1,170	974	1,184	899	1,239	892	514
Amount expended.....dollars..	767,202	162,987	120,844	143,546	171,625	306,070	141,476	327,556	166,259	81,519
	Lac qui Parle.	Lake.	Le Sueur.	Lincoln.	Lyon.	McLeod.	Mahnomen.	Marshall.	Martin.	Meeker.
MORTGAGE DEBT REPORTS: 1920.										
For all farms operated by owners:										
Number free from mortgage debt.....	364	132	936	317	296	1,006	85	565	370	730
Number with mortgage debt.....	664	61	792	571	639	893	356	1,516	947	1,016
Number with no mortgage report.....	84	3	147	45	126	112	33	100	60	158
For farms consisting of owned land only:										
Number of farms reporting amount of debt...	513	58	682	468	521	765	224	1,071	782	841
Value of land and buildings.....dollars..	16,705,416	210,730	14,372,150	12,862,895	18,067,935	14,326,194	3,969,681	12,886,649	26,374,079	14,309,977
Amount of mortgage debt.....dollars..	3,707,357	47,971	3,461,329	3,340,676	4,829,375	3,660,610	985,929	3,773,098	6,653,800	4,549,377
Ratio of debt to value.....per cent..	22.2	22.8	24.1	26.0	26.7	25.6	24.8	29.3	25.2	31.8
Average rate of interest paid.....per cent..	5.9	6.7	5.4	5.8	5.7	5.3	6.9	6.3	5.4	5.8
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.										
Labor:										
Farms reporting.....number..	1,666	46	1,315	927	1,215	1,456	362	1,772	1,585	1,713
Total expenditure.....dollars..	815,693	12,738	552,247	344,642	652,838	594,876	195,943	1,031,117	847,915	784,717
Amount in cash.....dollars..	585,282	10,402	423,009	248,455	500,504	421,615	138,437	783,683	629,012	570,184
Value of rent and board furnished.....dollars..	230,411	2,336	129,238	96,187	152,334	173,261	57,506	245,434	218,903	214,533
Fertilizer:										
Farms reporting.....number..	18	4	120	3	16	12	21	47	22	23
Amount expended.....dollars..	695	91	8,141	1,055	3,436	1,822	2,569	3,213	8,622	10,204
Feed:										
Farms reporting.....number..	1,032	174	1,050	670	841	1,421	340	1,531	1,457	1,447
Amount expended.....dollars..	283,299	40,980	210,781	229,199	250,754	353,334	101,278	301,440	520,050	276,390
	Mille Lacs.	Morrison.	Mower.	Murray.	Nicollet.	Nobles.	Norman.	Olmsted.	Otter Tail.	Pennington.
MORTGAGE DEBT REPORTS: 1920.										
For all farms operated by owners:										
Number free from mortgage debt.....	528	1,076	591	316	542	240	525	678	2,615	305
Number with mortgage debt.....	1,100	1,498	680	684	360	589	705	825	2,479	679
Number with no mortgage report.....	63	148	114	41	68	89	91	79	350	55
For farms consisting of owned land only:										
Number of farms reporting amount of debt...	1,017	1,324	552	449	360	417	464	667	2,412	494
Value of land and buildings.....dollars..	8,380,734	12,817,650	14,262,142	15,356,253	8,168,814	16,354,715	6,955,310	15,513,109	27,280,938	4,816,615
Amount of mortgage debt.....dollars..	2,461,729	3,638,833	4,049,909	3,889,012	2,151,301	4,567,064	1,847,077	5,206,761	7,807,436	1,476,065
Ratio of debt to value.....per cent..	29.4	28.4	28.4	25.3	26.3	27.9	26.6	33.6	28.8	30.6
Average rate of interest paid.....per cent..	6.2	6.0	5.5	5.6	5.5	5.4	6.2	5.7	6.1	6.5
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.										
Labor:										
Farms reporting.....number..	745	1,439	1,319	1,206	1,062	1,436	1,580	1,525	4,490	778
Total expenditure.....dollars..	179,947	401,688	535,328	577,762	528,994	731,659	887,918	903,913	1,452,662	222,848
Amount in cash.....dollars..	138,551	296,027	361,383	426,164	369,141	529,259	601,400	677,820	1,045,519	173,029
Value of rent and board furnished.....dollars..	41,396	105,661	143,945	151,598	159,853	202,400	286,518	226,093	407,143	49,819
Fertilizer:										
Farms reporting.....number..	12	11	100	13	19	12	23	68	35	7
Amount expended.....dollars..	353	1,750	8,459	2,877	1,843	1,245	9,855	17,109	4,207	233
Feed:										
Farms reporting.....number..	1,264	1,442	1,082	1,095	933	1,137	894	980	3,687	688
Amount expended.....dollars..	191,847	170,885	294,882	322,621	230,544	509,238	158,089	354,964	548,940	141,767

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919—Continued.

	Pine.	Pipestone.	Polk.	Pope.	Ramsay.	Red Lake.	Redwood.	Renville.	Rice.	Rock.
MORTGAGE DEBT REPORTS: 1920.										
For all farms operated by owners:										
Number free from mortgage debt.....	971	98	1,085	474	513	164	582	734	910	137
Number with mortgage debt.....	1,723	370	1,721	658	213	452	786	908	885	362
Number with no mortgage report.....	147	57	240	126	41	89	118	201	111	29
For farms consisting of owned land only:										
Number of farms reporting amount of debt.....	1,560	263	1,079	514	192	273	630	768	786	281
Value of land and buildings.....dollars..	10,838,595	10,467,805	16,533,720	8,844,819	1,955,350	3,382,089	20,418,080	19,510,254	13,197,448	13,619,020
Amount of mortgage debt.....dollars..	3,075,211	3,016,319	4,551,135	2,353,390	524,380	922,715	4,877,281	4,940,323	4,117,161	3,609,316
Ratio of debt to value.....per cent..	28.3	29.0	27.5	26.7	26.8	27.3	23.9	25.3	31.2	26.5
Average rate of interest paid.....per cent..	6.2	5.4	6.2	5.9	5.9	6.3	5.7	5.6	5.6	5.1
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.										
Labor:										
Farms reporting.....number..	1,083	907	3,497	1,404	391	513	1,573	1,984	1,469	1,119
Total expenditure.....dollars..	275,164	429,014	1,917,317	536,715	365,940	137,796	647,618	951,111	610,960	894,239
Amount in cash.....dollars..	191,956	319,395	1,459,140	395,507	276,202	103,201	467,190	681,042	482,039	689,494
Value of rent and board furnished.....dollars..	83,208	109,619	457,177	141,208	89,737	34,595	180,410	270,069	128,921	204,745
Fertilizer:										
Farms reporting.....number..	30	11	54	13	124	7	14	52	35	21
Amount expended.....dollars..	2,771	3,193	5,486	12,151	18,566	1,248	6,351	7,145	5,266	5,983
Feed:										
Farms reporting.....number..	1,897	795	2,283	732	708	550	1,243	1,546	1,283	927
Amount expended.....dollars..	236,006	272,553	471,452	116,934	372,010	98,669	495,728	531,607	270,149	418,955
	Roseau.	St. Louis.	Scott.	Sherburne.	Sibley.	Stearns.	Steele.	Stevens.	Swift.	Todd.
MORTGAGE DEBT REPORTS: 1920.										
For all farms operated by owners:										
Number free from mortgage debt.....	500	2,091	684	444	784	1,592	666	311	367	1,115
Number with mortgage debt.....	1,088	1,749	523	604	682	1,818	695	276	675	1,698
Number with no mortgage report.....	96	229	125	79	81	357	34	28	92	173
For farms consisting of owned land only:										
Number of farms reporting amount of debt.....	875	1,644	462	505	598	1,622	618	202	475	1,386
Value of land and buildings.....dollars..	5,601,363	5,708,174	7,770,475	5,457,733	12,833,808	25,043,330	11,491,948	5,968,455	11,970,144	14,346,706
Amount of mortgage debt.....dollars..	1,524,332	1,333,701	2,195,024	1,453,296	3,286,877	7,590,049	8,512,218	1,350,103	2,753,808	4,318,564
Ratio of debt to value.....per cent..	27.2	23.4	28.2	26.6	25.6	30.3	22.6	22.6	23.0	30.1
Average rate of interest paid.....per cent..	6.8	6.3	5.4	6.0	5.3	5.9	5.4	5.9	6.1	5.9
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.										
Labor:										
Farms reporting.....number..	932	1,618	1,127	510	1,565	2,816	1,249	943	1,420	1,585
Total expenditure.....dollars..	216,192	645,367	475,908	138,901	767,574	1,084,670	566,087	391,708	679,138	413,335
Amount in cash.....dollars..	172,417	473,617	337,332	111,454	521,483	746,062	413,098	300,014	504,305	287,458
Value of rent and board furnished.....dollars..	43,775	171,750	138,576	27,447	246,091	338,608	153,079	91,664	174,833	125,877
Fertilizer:										
Farms reporting.....number..	11	87	18	13	31	21	21	7	4	17
Amount expended.....dollars..	636	13,145	4,725	1,259	5,582	4,191	4,581	968	4,150	4,912
Feed:										
Farms reporting.....number..	1,114	2,830	1,067	719	1,231	2,408	1,117	564	855	2,033
Amount expended.....dollars..	100,401	634,988	223,912	152,413	224,510	445,726	201,359	193,627	198,580	351,131
	Traverse.	Wabasha.	Wadena.	Waseca.	Washington.	Watonswan.	Wilkin.	Winona.	Wright.	Yellow Medicine.
MORTGAGE DEBT REPORTS: 1920.										
For all farms operated by owners:										
Number free from mortgage debt.....	176	545	323	558	843	295	178	793	1,535	409
Number with mortgage debt.....	223	632	708	545	598	511	418	735	1,029	769
Number with no mortgage report.....	52	96	92	42	117	47	43	76	127	140
For farms consisting of owned land only:										
Number of farms reporting amount of debt.....	221	524	586	459	503	385	214	649	1,400	600
Value of land and buildings.....dollars..	6,783,685	10,516,196	5,280,090	10,035,339	6,183,436	10,588,060	5,981,245	11,657,000	20,204,638	17,162,814
Amount of mortgage debt.....dollars..	1,632,501	3,546,878	1,450,805	2,883,111	1,817,397	2,738,663	1,046,377	4,201,106	6,191,130	4,336,063
Ratio of debt to value.....per cent..	24.0	33.7	27.5	28.9	29.4	25.9	27.5	35.0	30.6	25.3
Average rate of interest paid.....per cent..	6.1	5.6	6.1	5.5	5.6	5.5	6.1	5.6	5.8	5.9
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.										
Labor:										
Farms reporting.....number..	876	1,438	553	1,148	1,424	976	987	1,504	2,406	1,610
Total expenditure.....dollars..	530,440	783,232	119,335	459,982	715,270	487,769	610,382	909,148	843,340	763,073
Amount in cash.....dollars..	395,674	602,713	90,179	359,756	499,966	347,046	471,662	621,008	575,497	544,651
Value of rent and board furnished.....dollars..	134,766	180,519	29,156	100,226	215,304	140,723	138,720	288,140	267,843	218,422
Fertilizer:										
Farms reporting.....number..	24	86	14	9	50	16	3	43	29	18
Amount expended.....dollars..	2,433	10,086	1,246	447	7,617	2,699	644	7,900	2,867	2,052
Feed:										
Farms reporting.....number..	579	997	956	856	1,208	882	761	988	2,340	1,167
Amount expended.....dollars..	199,396	209,671	201,513	141,044	332,441	248,384	168,563	197,200	530,693	403,420

FOURTEENTH CENSUS OF THE UNITED STATES: 1920

DEPARTMENT
OF COMMERCE

BULLETIN

BUREAU OF
THE CENSUS

AGRICULTURE : MISSISSIPPI

STATISTICS FOR THE STATE AND ITS COUNTIES

Prepared under the supervision of WILLIAM LANE AUSTIN, Chief Statistician for Agriculture

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INTRODUCTION.

This bulletin presents a statement of the statistics of agriculture for Mississippi collected at the census of 1920. The statistics of farms and farm property, including live stock, relate to January 1, 1920; those of live-stock products, crops, and farm expenditures are for the calendar year 1919. In order to show the

present tendency in agriculture, comparative figures for the census of 1910 are given throughout the bulletin; and to show the general trend of the agricultural industry over a considerable period of time, all general farm information available is presented for the different censuses since 1850.

FARMS AND FARM PROPERTY.

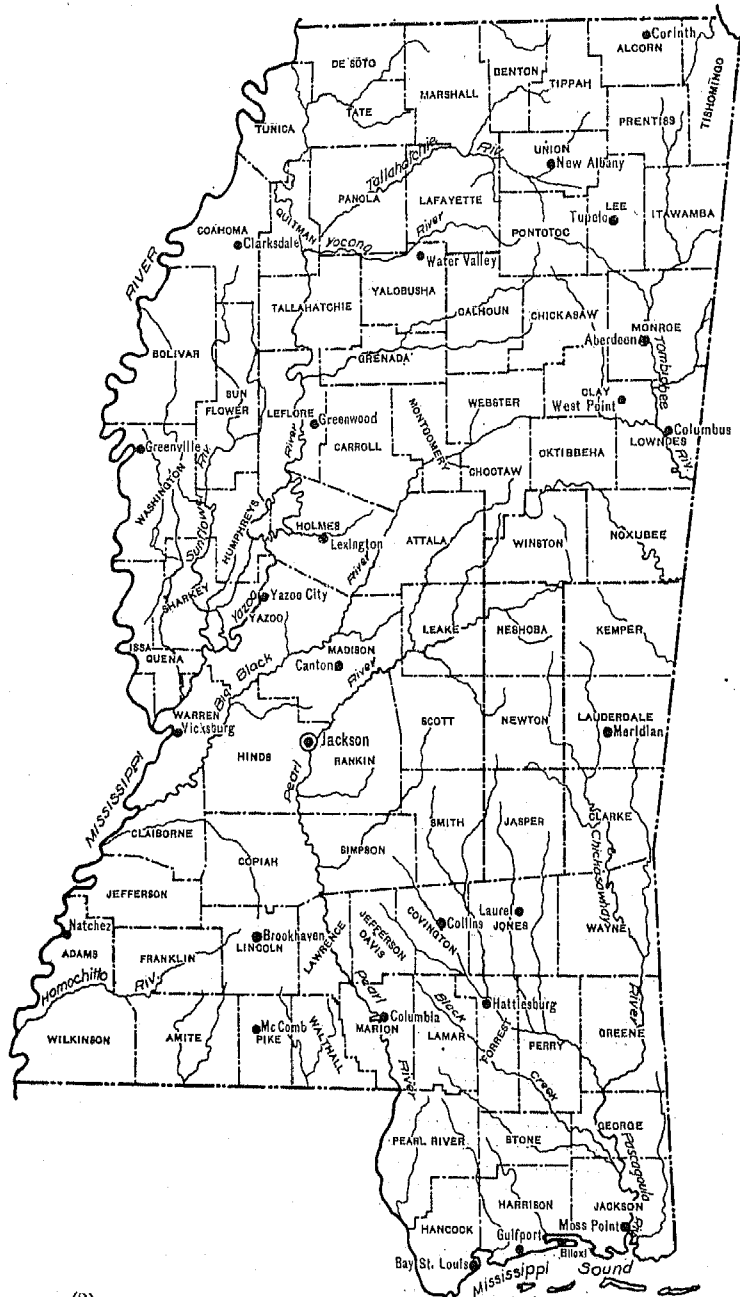
TABLE 1.—SUMMARY: 1920 AND 1910.

ITEM.	1920 (January 1)	1910 (April 15)	INCREASE. ¹	
			Amount.	Per cent.
Number of all farms.....	272, 101	274, 382	-2, 281	-0.8
Approximate land area of the state..... acres.	29, 671, 680	29, 671, 680		
All land in farms..... acres.	18, 196, 979	18, 557, 533	-360, 554	-1.9
Improved land in farms..... acres.	9, 325, 677	9, 008, 310	317, 367	3.5
Woodland in farms..... acres.	7, 014, 898	7, 883, 558	-868, 660	-11.0
Other unimproved land in farms..... acres.	1, 856, 404	1, 665, 665	190, 739	11.5
Per cent of land area in farms.....	61.3	62.5		
Per cent of farm land improved.....	51.2	48.5		
Average acreage per farm.....	66.9	67.6	-0.7	
Average improved acreage per farm.....	34.3	32.8	1.5	
Value of all farm property.....	\$964, 751, 855	\$426, 314, 634	\$538, 437, 221	126.3
Land.....	641, 842, 394	254, 002, 289	387, 840, 105	152.7
Buildings.....	148, 054, 384	80, 160, 000	67, 894, 384	84.7
Implements and machinery.....	39, 881, 256	16, 905, 312	22, 975, 944	135.9
Live stock.....	134, 973, 821	75, 247, 033	59, 726, 788	79.4
Average value per farm:				
All farm property.....	3, 546	1, 554	1, 992	128.2
Land.....	2, 359	926	1, 433	154.8
Buildings.....	544	292	252	86.3
Implements and machinery.....	147	62	85	
Live stock.....	496	274	222	81.0

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

MISSISSIPPI

COUNTIES, PRINCIPAL CITIES, AND RIVERS.



EXPLANATION OF TERMS.

To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term, referring to the work of growing crops, producing other agricultural products, and raising domestic animals, poultry, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1919, or required for its agricultural operations the continuous services of at least one person.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operation of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, managers, and tenants.

Farm owners include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "full owners" being then used for those owning all their land.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1920 in five classes: (1) Share tenants—those who pay a certain share of the products, as one-half, one-third, or one-quarter, for the use of the farm but furnish their own farm equipment and animals; (2) croppers—share tenants who do not furnish their work animals; (3) share-cash tenants—those who pay a share of the products for part of the land rented by them and cash for part; (4) cash tenants—those who pay a cash rental, as \$7 per acre of crop land or \$500 for the use of the whole farm; (5) standing renters—those who pay a stated amount of farm products for the use of the farm, as 3 bales of cotton or 500 bushels of corn. In some cases the character of the tenancy was not ascertained by the enumerator; such tenants are designated "unspecified."

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) other unimproved land.

Improved land includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest.

The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics, therefore, must be considered at best only a close approximation.

NUMBER OF FARMS, ACREAGE, AND VALUE.

TABLE 2.—NUMBER OF FARMS AND FARM ACREAGE: 1850 TO 1920.

CENSUS YEAR.	FARMS.		LAND IN FARMS.				Per cent of land area in farms.	Per cent of farm land im- proved.
	Num- ber.	Per cent of in- crease. ¹	All land.		Improved land.			
			Acres.	Per cent of in- crease. ¹	Acres.	Per cent of in- crease. ¹		
1920.....	272,101	-0.8	18,196,979	-1.9	9,325,677	3.5	61.3	51.2
1910.....	274,382	24.3	18,557,533	1.7	9,008,310	18.6	62.5	48.5
1900.....	220,803	53.0	18,240,736	3.8	7,594,428	10.9	61.5	41.6
1890.....	144,318	41.8	17,572,547	10.8	6,849,390	31.3	59.2	39.0
1880.....	101,772	49.6	15,855,462	20.8	5,216,937	23.9	53.4	32.9
1870.....	68,023	58.8	13,121,113	-17.2	4,209,146	-16.9	44.2	32.1
1860.....	42,840	26.1	15,839,684	51.0	5,065,755	47.1	53.4	32.0
1850.....	33,960	.....	10,490,419	.....	3,444,358	.....	35.4	32.8

¹ A minus sign (—) denotes decrease.

TABLE 3.—VALUE OF FARM PROPERTY: 1850 TO 1920.

CENSUS YEAR.	ALL FARM PROPERTY.		LAND AND BUILDINGS.		IMPLEMENTS AND MACHINERY.		LIVE STOCK.	
	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹	Value.	Per cent of increase. ¹
1920...	\$964,751,855	126.3	\$789,896,778	136.4	\$30,881,256	135.9	\$134,973,821	79.4
1910...	426,314,634	108.8	334,162,289	119.8	10,905,312	76.9	75,247,033	76.4
1900...	204,221,027	22.0	132,007,000	19.3	9,556,805	60.1	42,657,222	25.7
1890...	167,328,457	37.1	127,423,157	37.2	5,968,865	22.2	33,936,435	39.7
1880...	122,016,268	31.4	92,844,915	42.0	4,885,636	37.0	24,285,717	1.4
1870...	92,890,758	-61.5	63,373,261	-63.7	3,565,307	-59.6	23,952,190	-42.8
1860...	241,478,571	202.2	190,769,367	248.5	8,826,512	53.2	41,891,692	115.9
1850...	79,905,223		54,738,634		5,762,927		19,403,662	

¹ A minus sign (—) denotes decrease.

² Computed gold values, being 80 per cent of the currency values reported.

TABLE 4.—AVERAGE ACREAGE AND AVERAGE VALUE PER FARM: 1850 TO 1920.

[Averages are based on "all farms" in the state.]

CENSUS YEAR.	AVERAGE ACREAGE PER FARM.		AVERAGE VALUE PER FARM.			
	All land.	Improved land.	All farm property.	Land and buildings.	Implements and machinery.	Live stock.
1920.....	66.9	34.3	\$3,546	\$2,903	\$147	\$496
1910.....	67.6	32.8	1,554	1,218	62	274
1900.....	82.6	34.4	925	688	44	193
1890.....	121.8	47.5	1,159	883	41	235
1880.....	155.8	51.3	1,199	912	48	239
1870 ¹	192.9	61.9	1,366	961	52	352
1860.....	369.7	118.2	5,637	4,453	206	978
1850.....	308.9	101.4	2,353	1,612	170	571

¹ Computed gold values, being 80 per cent of the currency values reported.

TABLE 5.—AVERAGE VALUE PER ACRE: 1850 TO 1920.

[Averages are based on "all land in farms" in the state.]

CENSUS YEAR.	All farm property.	Land and buildings.	Land alone.	Buildings alone.	Implements and machinery.	Live stock.
1920.....	\$53.02	\$43.41	\$35.27	\$8.14	\$2.19	\$7.42
1910.....	22.97	18.01	13.69	4.32	0.91	4.05
1900.....	11.20	8.33	6.30	2.04	0.52	2.34
1890.....	9.52	7.25			0.34	1.93
1880.....	7.70	5.86			0.31	1.53
1870 ¹	7.08	4.98			0.27	1.83
1860.....	15.25	12.04			0.56	2.64
1850.....	7.62	5.22			0.55	1.85

¹ Computed gold values, being 80 per cent of the currency values reported.

FARMS BY SIZE.

TABLE 6.—NUMBER OF FARMS, BY SIZE AND BY COLOR OF FARMER: 1920 AND 1910.

COLOR AND SIZE GROUP.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
			Number.	Per cent.		
	1920	1910			1920	1910
All farmers.....	272,101	274,382	-2,281	-0.8	100.0	100.0
Under 20 acres.....	65,953	66,943	-990	-1.5	24.2	24.4
Under 3 acres.....	147	240	-93	-38.8	0.1	0.1
3 to 9 acres.....	8,112	11,132	-3,020	-27.1	3.0	4.1
10 to 19 acres.....	57,694	55,571	2,123	3.8	21.2	20.3
20 to 49 acres.....	116,795	112,666	4,129	3.7	42.9	41.1
50 to 99 acres.....	41,900	44,045	-2,145	-6.1	15.4	16.3
100 to 174 acres.....	28,218	30,172	-1,954	-6.5	10.4	11.0
175 to 499 acres.....	16,330	17,115	-785	-4.6	6.0	6.2
175 to 259 acres.....	9,553	10,132	-579	-5.7	3.5	3.7
260 to 499 acres.....	6,777	6,983	-206	-3.0	2.5	2.5
500 to 999 acres.....	2,040	2,061	-21	-1.0	0.7	0.8
1,000 acres and over.....	865	780	85	10.9	0.3	0.3
White.....	110,882	109,645	1,237	1.1	100.0	100.0
Under 20 acres.....	14,189	18,056	-3,867	-21.4	12.8	16.5
Under 3 acres.....	113	175	-62	-35.4	0.1	0.2
3 to 9 acres.....	2,265	3,185	-920	-28.9	2.0	2.9
10 to 19 acres.....	11,811	14,696	-2,885	-19.6	10.7	13.4
20 to 49 acres.....	32,934	28,826	4,108	14.3	29.7	26.3
50 to 99 acres.....	26,014	24,694	1,320	5.3	23.5	22.5
100 to 174 acres.....	21,263	21,467	-204	-1.0	19.2	19.6
175 to 499 acres.....	13,780	13,985	-205	-1.5	12.4	12.8
175 to 259 acres.....	7,548	8,037	-489	-6.1	7.1	7.3
260 to 499 acres.....	6,232	5,948	284	4.8	5.4	5.4
500 to 999 acres.....	1,884	1,877	7	0.4	1.7	1.7
1,000 acres and over.....	818	740	78	10.5	0.7	0.7
Colored.....	161,219	164,737	-3,518	-2.1	100.0	100.0
Under 20 acres.....	51,764	48,887	2,877	5.9	32.1	29.7
Under 3 acres.....	34	65	-31	-76.5	0.0	0.0
3 to 9 acres.....	5,847	7,947	-2,100	-26.4	3.6	4.8
10 to 19 acres.....	45,883	40,875	5,008	12.3	28.5	24.8
20 to 49 acres.....	83,861	83,840	21	0.0	52.0	50.9
50 to 99 acres.....	15,886	19,951	-4,065	-20.4	9.9	12.1
100 to 174 acres.....	6,955	8,705	-1,750	-20.1	4.3	5.3
175 to 499 acres.....	2,550	3,130	-580	-18.5	1.6	1.9
175 to 259 acres.....	1,705	2,095	-390	-18.6	1.1	1.3
260 to 499 acres.....	845	1,035	-190	-18.4	0.5	0.6
500 to 999 acres.....	150	184	-34	-22.8	0.1	0.1
1,000 acres and over.....	47	40	7	17.7	0.0	0.0

¹ A minus sign (-) denotes decrease. Per cent not shown when base is less than 100.
² Less than one-tenth of 1 per cent.

TABLE 7.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY SIZE: 1880 TO 1920.

SIZE GROUP.	1920	1910	1900	1890	1880
Total number of farms.....	272,101	274,382	229,803	144,318	101,772
Under 10 acres.....	8,259	11,372	6,741	2,934	2,429
10 to 19 acres.....	57,694	55,571	35,529	18,959	11,939
20 to 49 acres.....	116,795	112,666	85,934	48,565	20,836
50 to 99 acres.....	41,900	44,045	39,460	26,118	19,318
100 to 499 acres.....	44,548	47,287	49,810	43,656	35,493
500 to 999 acres.....	2,040	2,061	2,461	3,542	3,936
1,000 acres and over.....	865	780	859	1,654	1,833
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Under 10 acres.....	3.0	4.1	3.1	2.0	2.4
10 to 19 acres.....	21.2	20.3	16.1	13.2	11.7
20 to 49 acres.....	42.9	41.1	38.9	33.5	20.4
50 to 99 acres.....	15.4	16.3	17.9	18.1	19.0
100 to 499 acres.....	16.4	17.2	22.6	30.3	34.6
500 to 999 acres.....	0.7	0.8	1.1	2.5	3.9
1,000 acres and over.....	0.3	0.3	0.4	1.1	1.8

TABLE 8.—FARM ACREAGE AND VALUE, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP (ACRES).	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
Total.....	18,196,979	18,557,533	9,325,677	9,008,310	\$789,898,778	\$834,162,209
Under 20.....	893,895	874,944	875,490	863,325	119,755,760	35,834,417
20 to 49.....	3,388,076	3,280,964	2,865,133	2,831,108	269,891,469	92,685,331
50 to 99.....	2,944,937	3,142,027	1,561,004	1,695,452	100,310,670	55,825,671
100 to 174.....	3,705,243	4,003,230	1,453,888	1,505,771	87,489,829	51,583,771
175 to 499.....	4,303,068	4,493,804	1,518,750	1,410,412	107,823,662	54,996,763
500 to 999.....	1,333,295	1,365,482	488,171	374,920	45,925,699	19,995,366
1,000 and over.....	1,628,465	1,397,082	502,335	329,202	62,093,600	22,271,126

TABLE 9.—PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY SIZE OF FARM: 1920 AND 1910.

SIZE GROUP.	PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
			Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910
Total.....	51.2	48.5	\$2,903	\$1,218	\$43.41	\$18.01
Under 20 acres.....	97.9	98.7	1,816	560	133.97	42.10
20 to 49 acres.....	84.6	86.3	2,277	823	78.43	28.26
50 to 99 acres.....	53.0	54.0	2,394	1,250	34.06	17.77
100 to 174 acres.....	39.2	37.6	3,100	1,710	23.61	12.59
175 to 499 acres.....	35.3	31.4	6,603	3,212	25.06	12.23
500 to 999 acres.....	36.6	27.5	22,513	9,702	34.45	14.64
1,000 acres and over.....	34.5	23.6	72,478	28,553	38.50	15.94

FARMS BY TENURE.

TABLE 10.—NUMBER OF FARMS, BY TENURE AND COLOR OF FARMER: 1920 AND 1910.

COLOR AND TENURE.	NUMBER OF FARMS.		INCREASE. ¹		PER CENT OF TOTAL.	
			Number.	Per cent.		
	1920	1910			1920	1910
All farmers.....	272,101	274,382	-2,281	-0.8	100.0	100.0
Owners.....	91,310	92,066	-756	-0.8	33.6	33.6
Owning entire farm.....	83,768	82,475	1,293	1.6	30.8	30.1
Hiring additional land.....	7,542	9,591	-2,049	-21.4	2.8	3.5
Managers.....	989	825	164	19.9	0.4	0.3
Tenants.....	179,802	181,491	-1,689	-0.9	66.1	66.1
Share tenants.....	48,300	48,300	0	0.0	17.8	17.8
Croppers.....	86,859	103,148	-16,289	-18.8	31.9	37.6
Share-cash tenants.....	3,308	3,810	-502	-13.4	1.2	1.4
Cash tenants.....	28,304	28,304	0	0.0	10.4	10.4
Standing renters.....	10,668	68,755	-58,087	-84.5	3.9	25.1
Unspecified.....	2,363	5,760	-3,397	-59.0	0.9	2.1
White.....	110,882	109,645	1,237	1.1	100.0	100.0
Owners.....	68,131	67,040	1,091	1.6	61.4	61.4
Owning entire farm.....	63,680	61,370	2,310	3.8	57.4	56.0
Hiring additional land.....	4,451	5,670	-1,219	-21.5	4.0	5.2
Managers.....	797	719	78	10.8	0.7	0.7
Tenants.....	41,954	41,866	88	0.2	37.8	38.2
Share tenants.....	18,070	18,070	0	0.0	17.1	17.1
Croppers.....	12,696	24,870	-12,174	-50.0	11.4	22.7
Share-cash tenants.....	203	703	-500	-73.4	0.2	0.7
Cash tenants.....	7,653	7,653	0	0.0	6.9	6.9
Standing renters.....	1,015	14,533	-13,518	-90.0	0.9	13.3
Unspecified.....	1,417	1,714	-297	-17.3	1.3	1.6
Colored.....	161,219	164,737	-3,518	-2.1	100.0	100.0
Owners.....	23,179	25,026	-1,847	-7.4	14.4	15.2
Owning entire farm.....	20,088	21,105	-1,017	-4.8	12.5	12.5
Hiring additional land.....	3,091	3,921	-830	-21.2	1.9	2.4
Managers.....	192	106	86	81.1	0.1	0.1
Tenants.....	137,848	139,805	-1,957	-1.3	85.5	84.7
Share tenants.....	29,330	29,330	0	0.0	18.2	18.2
Croppers.....	74,163	78,272	-4,109	-5.5	46.0	47.5
Share-cash tenants.....	3,105	3,050	55	1.8	1.9	1.9
Cash tenants.....	20,651	20,651	0	0.0	12.8	12.8
Standing renters.....	0,653	54,222	-53,569	-97.7	0.0	32.9
Unspecified.....	940	4,055	-3,115	-70.7	0.6	2.5

¹ A minus sign (-) denotes decrease.

TABLE 11.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY TENURE: 1880 TO 1920.

TENURE.	1920	1910	1900	1890	1880
Total number of farms.....	272,101	274,382	220,803	144,318	101,772
Farms operated by owners.....	91,310	92,066	82,021	68,058	57,214
Owning entire farm.....	83,768	82,475	76,590	(2)	(2)
Hiring additional land.....	7,542	9,591	5,431	(2)	(2)
Farms operated by managers.....	989	825	930	(3)	(3)
Farms operated by tenants.....	179,802	181,491	137,852	76,260	44,558
Share tenants.....	135,159	103,148	67,153	45,894	27,118
Share-cash tenants.....	3,308	3,819			
Cash tenants.....	38,972	68,755	70,099	30,306	17,440
Unspecified.....	2,363	5,769			
Per cent of all farms.....	100.0	100.0	100.0	100.0	100.0
Operated by owners.....	33.6	33.6	37.1	47.2	56.2
Owning entire farm.....	30.8	30.1	34.7	(2)	(2)
Hiring additional land.....	2.8	3.5	2.5	(2)	(2)
Operated by managers.....	0.4	0.3	0.4	(3)	(3)
Operated by tenants.....	66.1	66.1	62.4	52.8	43.8
Share and share-cash.....	50.9	39.0	30.4	31.8	26.6
Cash and unspecified.....	15.2	27.2	32.0	21.0	17.1

¹ Includes farms operated by managers.
² Not reported separately.
³ Included with farms operated by owners.
⁴ Includes croppers.
⁵ Includes standing renters.

TABLE 12.—FARM ACREAGE AND VALUE, BY TENURE AND COLOR OF FARMER: 1920 AND 1910.

COLOR AND TENURE.	ALL LAND IN FARMS (ACRES).		IMPROVED LAND IN FARMS (ACRES).		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910
All farmers.....	18,196,979	18,557,533	9,325,677	9,008,310	\$789,896,778	\$334,162,289
Owners.....	11,333,780	11,716,474	4,543,012	4,215,447	323,521,870	171,674,273
Managers.....	582,749	586,511	230,481	198,000	34,432,882	12,802,628
Tenants.....	6,280,450	6,254,548	4,552,184	4,624,797	431,942,026	140,685,388
White.....	12,382,314	12,100,106	5,201,640	4,520,927	387,295,247	185,637,732
Owners.....	9,508,642	9,480,280	3,693,081	3,213,102	266,770,485	137,356,509
Managers.....	542,964	540,633	217,633	157,196	32,319,772	11,827,047
Tenants.....	2,330,708	2,001,193	1,290,873	1,150,629	88,204,900	30,454,176
Colored.....	5,814,665	6,457,427	4,124,037	4,487,383	402,601,531	148,524,557
Owners.....	1,825,138	2,227,194	849,928	1,002,345	56,751,385	34,317,764
Managers.....	39,785	36,878	12,798	10,870	2,113,110	975,581
Tenants.....	3,949,742	4,193,355	3,261,311	3,474,168	343,737,036	113,231,212

TABLE 13.—PER CENT DISTRIBUTION OF FARMS AND OF FARM ACREAGE AND VALUE, BY TENURE, FOR WHITE AND COLORED FARMERS: 1920 AND 1910.

COLOR AND TENURE.	NUMBER OF FARMS.		ALL LAND IN FARMS.		IMPROVED LAND IN FARMS.		VALUE OF LAND AND BUILDINGS.	
	1920	1910	1920	1910	1920	1910	1920	1910
All farmers.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	33.6	33.6	62.3	63.1	48.7	46.8	41.0	51.4
Managers.....	0.4	0.3	3.2	3.2	2.5	1.9	4.4	3.8
Tenants.....	66.1	66.1	34.5	33.7	48.8	51.3	54.7	44.8
White.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	61.4	61.1	78.8	78.4	71.0	71.1	63.9	74.0
Managers.....	0.7	0.7	4.4	4.5	4.2	3.5	8.3	6.4
Tenants.....	37.8	38.2	18.8	17.0	24.8	25.5	22.8	19.6
Colored.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Owners.....	14.4	15.2	31.4	34.5	20.6	22.3	14.1	23.1
Managers.....	0.1	0.1	0.7	0.6	0.3	0.2	0.5	0.7
Tenants.....	85.5	84.7	67.9	64.9	79.1	77.4	85.4	76.2

TABLE 14.—AVERAGE ACREAGE, PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY TENURE AND COLOR OF FARMER: 1920 AND 1910.

COLOR AND TENURE.	AVERAGE ACREAGE PER FARM.				PER CENT OF FARM LAND IMPROVED.		AVERAGE VALUE OF LAND AND BUILDINGS.			
	All land.		Improved land.		1920		Per farm.		Per acre.	
	1920	1910	1920	1910	1920	1910	1920	1910	1920	1910
All farmers.....	66.9	67.6	34.3	32.8	51.2	48.5	\$2,903	\$1,218	\$43.41	\$18.01
Owners.....	124.1	127.3	49.8	45.8	40.1	36.0	3,543	1,865	28.54	14.05
Managers.....	589.2	710.9	233.0	203.7	39.6	28.7	34,516	15,518	59.09	21.83
Tenants.....	34.9	34.5	25.3	25.5	72.5	73.9	2,402	826	68.78	23.93
White.....	111.7	110.4	46.9	41.2	42.0	37.4	3,493	1,693	31.28	15.34
Owners.....	130.6	141.5	54.2	47.9	38.8	33.9	3,916	2,049	28.06	14.47
Managers.....	681.3	764.4	273.1	218.6	40.1	28.6	40,552	16,449	59.52	21.52
Tenants.....	55.6	49.2	30.8	27.5	55.4	55.8	2,102	870	37.84	17.69
Colored.....	36.1	39.2	25.6	27.2	70.9	69.5	2,497	902	69.24	23.00
Owners.....	78.7	89.0	36.7	40.1	46.6	45.0	2,448	1,371	31.09	15.41
Managers.....	207.2	347.9	66.7	102.5	32.2	29.5	11,006	9,204	53.11	26.45
Tenants.....	28.7	30.0	23.7	24.9	82.6	82.8	2,494	811	87.03	27.00

FARMS BY SEX, RACE, AND NATIVITY OF FARMER.

TABLE 15.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY SEX AND TENURE OF FARMER: 1920.

SEX AND TENURE.	Number of farms.	All land in farms (acres).	Improved land in farms (acres).	Value of land and buildings.	AVERAGE PER FARM.		
					All land (acres).	Improved land (acres).	Value of land and buildings.
Total.....	272,101	18,196,979	9,325,677	\$789,896,778	66.9	34.3	\$2,903
Male.....	253,169	17,265,949	8,841,278	749,291,022	68.2	34.0	2,960
Female.....	18,932	931,030	484,399	40,605,756	49.2	25.6	2,145
Owners.....	91,310	11,333,780	4,543,012	323,521,870	124.1	49.8	3,543
Male.....	85,703	10,696,547	4,300,010	300,548,374	124.8	50.2	3,577
Female.....	5,607	637,233	243,002	16,973,496	113.6	43.3	3,027
Managers.....	989	582,749	230,481	34,432,882	589.2	233.0	34,816
Male.....	973	576,909	227,537	34,270,452	592.9	233.9	35,221
Female.....	16	5,840	2,944	162,400	365.0	184.0	10,150
Tenants.....	179,802	6,280,450	4,552,184	431,942,026	34.9	25.3	2,402
Male.....	166,493	5,992,493	4,313,731	408,472,160	36.0	25.9	2,453
Female.....	13,309	287,957	238,453	23,469,860	21.6	17.9	1,763

TABLE 16.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY NATIVITY OF WHITE FARMERS AND BY RACE OF COLORED FARMERS: 1920 AND 1910.

COLOR AND NATIVITY OR RACE.	NUMBER OF FARMS.		LAND IN FARMS, 1920 (ACRES).		Value of land and buildings, 1920
	1920	1910	Total.	Improved.	
All farmers.....	272,101	274,382	18,196,979	9,325,677	\$789,896,778
White farmers.....	110,882	109,645	12,382,314	5,201,640	387,295,247
Native.....	110,279	108,909	12,303,799	5,162,732	382,946,360
Foreign-born.....	603	736	78,515	38,908	4,348,887
Country of birth:					
Canada.....	24	20	3,698	1,499	137,910
Denmark.....	18	10	1,849	709	76,050
England.....	58	83	9,722	5,020	408,125
France.....	16	20	1,174	352	44,700
Germany.....	102	147	25,114	11,281	954,410
Ireland.....	41	86	9,330	4,350	305,466
Italy.....	202	234	6,051	5,444	1,130,876
Sweden.....	31	36	3,171	1,602	198,920
Other countries.....	111	100	18,406	8,642	1,033,430
Colored farmers.....	161,219	164,737	5,814,665	4,124,037	402,601,531
Negro.....	161,001	164,488	5,806,397	4,118,975	402,438,836
Indian.....	218	248	8,268	5,062	162,695
Chinese.....	1	1			

¹ Includes farmers with country of birth not reported, as follows: For 1920, 2,891; for 1910, 75.

TABLE 17.—NUMBER OF FARMERS, CLASSIFIED BY TENURE, COLOR, AND NATIVITY: 1920 AND 1910.

TENURE.	ALL FARMERS.		NATIVE WHITE ¹		FOREIGN-BORN WHITE.		COLORED.	
	1920	1910	1920	1910	1920	1910	1920	1910
Total.....	272,101	274,382	110,279	103,909	603	736	161,219	169,737
Owners.....	91,310	92,066	67,739	60,628	372	412	23,179	25,026
Managers.....	989	825	779	709	18	30	102	106
Tenants.....	179,802	181,491	41,741	41,572	213	314	137,818	139,605

¹ Includes farmers with country of birth not reported.

FARM MORTGAGES.

TABLE 18.—MORTGAGED FARMS: 1920 AND 1910.

[Owned farms only; includes all farms owned in whole or in part by the operator.]

CLASS.	NUMBER OF OWNED FARMS.		INCREASE. ¹		PER CENT OF TOTAL. ²	
	1920	1910	Number	Per cent.	1920	1910
Total.....	91,310	92,066	-756	-0.8	100.0	100.0
Free from mortgage.....	53,073	60,543	-7,470	-12.3	68.9	67.1
Mortgaged.....	23,990	29,693	-5,703	-19.2	31.1	32.9
Unknown.....	14,247	1,830	12,417	678.5		

¹ A minus sign (—) denotes decrease. The comparative figures shown for farms free from mortgage and mortgaged are affected somewhat by the fact that more farms were tabulated as "unknown" in 1920 than in 1910.

² Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 19.—MORTGAGED FARMS (OR FARM HOMES): 1890 TO 1920.

CLASS.	OWNED FARMS.		OWNED FARM HOMES.		PER CENT OF TOTAL. ¹			
	1920	1910	1900	1890	1920	1910	1900	1890
Total.....	91,310	92,066	79,913	60,777	100.0	100.0	100.0	100.0
Free from mortgage.....	53,073	60,543	55,400	56,090	68.9	67.1	72.9	92.3
Mortgaged.....	23,990	29,693	20,606	4,681	31.1	32.9	27.1	7.7
Unknown.....	14,247	1,830	3,907					

¹ Per cent of combined total of "free from mortgage" and "mortgaged."

TABLE 20.—MORTGAGE DEBT: 1920 AND 1910.

ITEM.	OWNED FARMS MORTGAGED. ¹		INCREASE. ²	
	1920	1910	Amount.	Per cent.
Number of farms reporting amount of debt.....	21,844	22,844	-1,000	-4.4
Value of land and buildings.....	\$99,148,925	\$12,266,412	\$86,882,513	134.6
Amount of mortgage debt.....	\$30,046,272	\$13,381,306	\$16,664,966	124.5
Ratio of debt to value, per cent.....	30.3	31.7		
Average rate of interest paid, per cent.....	6.5			
Average value per farm.....	\$4,539	\$1,870	\$2,669	145.4
Average debt per farm.....	\$1,375	\$586	\$789	134.6
Average equity per farm.....	\$3,163	\$1,284	\$1,879	150.2

¹ Includes only farms consisting wholly of owned land and reporting amount of debt. In considering the comparative figures it should be borne in mind that the mortgage debt may have been more completely reported at one census than at the other.

² A minus sign (—) denotes decrease.

FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED.

TABLE 21.—FARMS REPORTING EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	NUMBER OF FARMS REPORTING.		INCREASE. ¹		PER CENT OF ALL FARMS.	
	1919	1909	Number	Per cent.	1919	1909
Labor.....	43,151	65,628	-22,477	-34.2	15.9	23.9
Fertilizer.....	71,296	78,677	-7,381	-9.4	26.2	28.7
Feed.....	77,718	73,758	3,960	5.4	28.6	26.9

¹ A minus sign (—) denotes decrease.

TABLE 22.—AMOUNT OF EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

ITEM.	AMOUNT EXPENDED.		INCREASE. ¹	
	1919	1909	Amount.	Per cent.
Labor, total.....	\$7,033,198	\$7,162,225	-\$129,027	-1.8
Amount in cash.....	6,320,843	5,585,445	741,397	13.3
Value of rent and board furnished.....	706,356	1,576,780	-\$870,424	-55.2
Fertilizer.....	4,288,165	2,703,271	1,584,894	58.6
Feed.....	10,260,642	3,980,638	6,280,004	157.8

¹ A minus sign (—) denotes decrease.

LIVE STOCK ON FARMS AND ELSEWHERE.

(DOMESTIC ANIMALS, POULTRY, AND BEES.)

Domestic animals: 1920 and 1910.—The census of 1920 was taken as of January 1 and that of 1910 as of April 15. Since a great many domestic animals are born during the period between January 1 and April 15 and, on the other hand, a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not fully comparable. In addition to the change in the date of enumeration, there have been certain changes in the age and sex classifications. The 1910 figures presented in the following tables are therefore restricted to those classes of domestic animals which are least affected by these changes and for which the figures are fairly comparable with the 1920 returns.

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

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

In states where cattle are raised extensively for beef production the result of this new classification will be to reduce materially the proportion of cows classified as dairy cows, and even in states having few strictly beef cattle the 1920 classification may be expected to give a somewhat smaller proportion of dairy cows than the 1910 classification.

In Mississippi the number of "dairy cows," including heifers 1 year old and over, reported for January 1,

1920, was 530,274, as compared with 429,587 "cows kept for milk" reported for April 15, 1910. This represents an increase of 100,687, or 23.4 per cent. The number of "beef cows" reported for January 1, 1920, was 261,682, as compared with 138,930 "cows not kept for milk" reported for April 15, 1910, representing an increase of 122,752, or 88.4 per cent. The percentage of increase in the number of beef cows would have been much smaller except for the change in classification mentioned above, and the increase in the number of dairy cows somewhat larger.

Farms reporting domestic animals: 1910.—Horses were reported by 128,650 farms in Mississippi in 1910, mules by 147,852 farms, cattle by 195,338, sheep by 5,727, and swine by 193,529. In comparing these figures with the 1920 figures given in the table below, due allowance should be made for the fact that the total number of farms in Mississippi decreased from 274,382 in 1910 to 272,101 in 1920.

TABLE 23.—DOMESTIC ANIMALS ON FARMS: 1920.

CLASS.	FARMS REPORTING.		ANIMALS.		
	Number.	Per cent of all farms.	Number.	Value.	Average value.
Total.....	248,810	61.4		\$128,263,062	
Horses, total.....	130,869	48.1	214,852	22,921,665	\$106.69
Colts under 1 year of age.....	10,696	3.9	12,514	632,015	50.50
Colts 1 year old and under 2 years.....	8,095	3.0	10,117	702,043	69.39
Mares 2 years old and over.....	74,900	27.5	100,221	11,309,740	112.85
Geldings 2 years old and over.....	70,598	25.9	89,683	9,863,628	109.98
Stallions 2 years old and over.....	1,788	0.7	2,317	414,230	178.78
Mules, total.....	146,132	53.7	308,216	49,238,584	159.95
Mule colts under 1 year of age.....	7,854	2.0	10,052	606,534	68.31
Mule colts 1 year old and under 2 years.....	6,173	2.3	9,193	959,836	104.41
Mules 2 years old and over.....	142,932	52.5	288,971	47,672,214	164.97
Asses and burros.....	798	0.3	1,301	220,093	169.17
Cattle, total.....	186,038	68.4	1,250,479	39,950,140	31.95
Beef cattle, total.....	46,479	17.1	461,241	19,769,265	29.83
Calves under 1 year of age.....	28,193	10.4	110,197	1,405,424	12.75
Heifers 1 year old and under 2 years.....	14,502	5.3	57,063	1,332,722	23.36
Cows and heifers 2 years old and over.....	28,504	10.5	204,619	7,774,635	38.00
Steers 1 year old and under 2 years.....	9,601	3.5	39,628	1,002,885	25.31
Steers 2 years old and over.....	6,857	2.5	39,625	1,576,036	39.77
Bulls 1 year old and over.....	6,525	2.4	10,109	667,563	66.04
Dairy cattle, total.....	165,586	60.9	789,238	26,190,875	33.19
Calves under 1 year of age.....	119,184	43.8	241,116	2,559,940	10.62
Heifers 1 year old and under 2 years.....	53,835	19.8	102,808	2,411,562	23.44
Cows and heifers 2 years old and over.....	159,038	58.4	427,406	20,525,289	48.02
Bulls 1 year old and over.....	13,419	4.9	17,848	694,084	38.89
Sheep, total.....	4,341	1.6	164,440	877,705	5.34
Lambs under 1 year of age.....	2,351	0.9	31,534	131,445	4.17
Ewes 1 year old and over.....	4,036	1.5	99,816	580,106	5.81
Rams 1 year old and over.....	2,626	1.0	12,163	76,558	6.28
Wethers 1 year old and over.....	1,068	0.4	20,927	89,796	4.29
Goats, total.....	7,880	2.9	113,277	291,225	2.57
Kids under 1 year of age, raised for fleeces.....	45	(1)	291	945	3.25
Goats 1 year old and over, raised for fleeces.....	62	(1)	837	3,902	4.66
All other goats.....	7,850	2.9	112,149	286,378	2.55
Swine, total.....	210,792	77.5	1,373,311	14,703,650	10.71
Pigs under 6 months old.....	109,014	40.1	595,986	2,898,039	4.86
Sows and gilts for breeding, 6 months old and over.....	124,876	45.9	217,818	4,392,687	20.17
Bears for breeding, 6 months old and over.....	13,051	4.8	15,879	506,562	31.90
All other hogs, 6 months old and over.....	124,663	45.8	543,728	6,906,332	12.70

¹ Less than one-tenth of 1 per cent.

TABLE 24.—POULTRY AND BEES ON FARMS: 1920 AND 1910.

ITEM.	FARMS REPORTING, 1920.		NUMBER REPORTED. ¹		Value, 1920	Average value, 1920
	Number.	Per cent of all farms.	1920 (Jan. 1)	1910 (Apr. 15)		
Poultry, total.....	237,656	87.3	6,698,846	5,070,116	\$6,465,450	\$0.97
Chickens.....	237,646	87.3	6,342,204	4,563,464	5,927,043	0.93
Turkeys.....	19,876	7.3	80,236	92,448	274,545	3.42
Ducks.....	7,230	2.7	30,807	44,228	28,845	0.94
Geese.....	18,779	6.9	118,194	236,791	157,036	1.83
Guinea fowls.....	20,788	7.6	111,435	107,650	72,279	0.65
Pigeons.....	1,193	0.4	15,970	25,417	5,702	0.36
Hives of bees.....	17,221	6.3	82,770	74,350	245,309	2.96

¹ The numbers of the different classes of poultry are not strictly comparable for the two censuses, since a considerable number of fowls are killed between Jan. 1 and Apr. 15.

² Includes a small number of peafowls.

TABLE 25.—SELECTED CLASSES OF DOMESTIC ANIMALS ON FARMS: 1920 AND 1910.

CLASS.	NUMBER.		INCREASE. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	Number.	Per cent.
Horses:				
Total, excluding spring colts reported for 1910.....	214,852	210,937	3,915	1.9
Colts under 1 year old on Jan. 1 of census year.....	12,514	14,528	-2,014	-13.9
Horses 1 year old and over on Jan. 1 of census year.....	202,338	196,409	5,929	3.0
Mules:				
Total, excluding spring colts reported for 1910.....	308,216	253,866	54,350	21.4
Mule colts under 1 year old on Jan. 1 of census year.....	10,052	7,230	2,822	39.0
Mules 1 year old and over on Jan. 1 of census year.....	298,164	246,636	51,528	20.9
Cattle:				
Total, excluding spring calves reported for 1910.....	1,250,479	882,543	387,936	45.0
Calves under 1 year old on Jan. 1 of census year.....	351,313	226,651	124,662	55.0
Cows and heifers 1 year old and over on Jan. 1 of census year.....	701,956	568,517	223,439	39.3
Steers and bulls 1 year old and over on Jan. 1 of census year.....	107,210	65,052	42,158	64.8
Sheep:				
Total, excluding spring lambs reported for 1910.....	164,440	156,230	8,210	5.3

¹ A minus sign (-) denotes decrease.

² Includes animals not classified.

TABLE 26.—DOMESTIC ANIMALS NOT ON FARMS: 1920 AND 1910.

CLASS.	INCLOSURES REPORTING.		ANIMALS.			
	1920 (Jan. 1)	1910 (Apr. 15)	Number.		Increase. ¹	
	1920 (Jan. 1)	1910 (Apr. 15)	1920 (Jan. 1)	1910 (Apr. 15)	Number.	Per cent.
Total.....	35,573	31,620				
Horses.....	10,075	14,166	15,657	23,203	-7,546	-32.5
Horses 1 year old and over on Jan. 1 of census year.....			15,306	22,430	-7,124	-31.8
Mules.....	3,932	2,425	14,362	6,959	7,403	106.4
Mules 1 year old and over on Jan. 1 of census year.....			13,781	6,775	7,006	103.4
Asses and burros.....	103	95	181	135	46	34.1
Cattle.....	22,488	22,750	70,103	72,156	-2,053	-2.8
Cattle 1 year old and over on Jan. 1 of census year.....			52,937	50,917	2,020	4.0
Sheep.....	127	115	1,715	5,136	-3,421	-66.6
Goats.....	520	501	3,372	1,770	1,602	90.5
Swine.....	19,827	10,923	70,826	43,723	27,103	62.0

¹ A minus sign (-) denotes decrease.

TABLE 27.—TOTAL NUMBER OF DOMESTIC ANIMALS: 1920.

CLASS.	Total.	On farms.	Not on farms.
Horses.....	230,509	214,852	15,657
Horses 2 years old and over.....	207,015	192,221	14,794
Mules.....	322,578	308,216	14,362
Mules 2 years old and over.....	301,952	288,971	12,981
Asses and burros.....	1,482	1,301	181
Cattle.....	1,320,582	1,250,479	70,103
Beef cattle.....	478,855	461,241	17,614
Dairy cattle.....	841,727	789,238	52,489
Dairy cows.....	450,974	427,406	23,568
Sheep.....	166,155	164,440	1,715
Goats.....	116,649	113,277	3,372
Swine.....	1,444,137	1,373,911	70,226

LIVE-STOCK PRODUCTS.

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

Dairy products.—It is difficult to secure reports of the total quantity of milk produced during a given year, especially from farmers who keep cows chiefly to supply milk and butter for family use. Since such farmers usually keep no records, they are able to make only rough estimates of the milk production and frequently underestimate the quantity of milk produced for home use. Many farmers, too, either because they are unwilling to make any estimates or for other reasons, fail to report their milk production, even though they report butter or other dairy products as well as dairy cows.

For several decades past the Bureau of the Census has made estimates for such incomplete reports, where the farmer reported "cows kept for milk" but failed to report the amount of milk produced, these estimates being based on the average production per cow as shown by the complete reports. Since farmers with first-class dairy herds and up-to-date methods are

more likely to make complete reports than those with cows of a lower grade, the estimates obtained in this way have probably been somewhat above the actual production. With the new basis of classification for dairy cows in use for 1920, however, as already noted, the estimates should be more satisfactory than heretofore, since milk will be estimated only for cows kept mainly for milk production.

In the table which follows, both the actual reported quantity of milk produced and the estimated total are given. The latter includes, in addition to the milk reported, an estimate of the amount of milk produced on farms which reported dairy cows but failed to report any milk. A certain quantity of milk, on the other hand, was reported from farms which reported no dairy cows. This is included in the total and may represent either milk produced by beef cows milked a part of the year on farms having no dairy cows or milk produced on farms which kept dairy cows sometime during the year 1919 but had none on January 1, 1920.

TABLE 28.—DAIRY COWS ON FARMS, 1920; AND DAIRY PRODUCTS, 1919 AND 1909.

ITEM.	FARMS REPORTING.		Number or quantity.	Unit.	Value.
	Num-ber.	Per cent of all farms.			
Dairy cows on farms Jan. 1, 1920, total.....	150,038	58.4	427,406	Head	.....
On farms reporting milk produced.....	126,100	46.3	354,736	Head	.....
On farms not reporting milk produced.....	32,938	12.1	72,670	Head	.....
Average production of milk per dairy cow, 1919 ¹			185	Gals.	.....
Specified dairy products:					
Milk, as reported.....1919..			74,747,732	Gals.	.....
Total production of milk, including estimates.....1919..			88,191,682	Gals.	.....
.....1909.....			96,227,488	Gals.	.....
Increase, 1909-1919 ²			-8,035,806	Gals.	.....
Per cent of increase ³			-8.4		.....
Butter made.....1919..	127,011	46.7	20,768,736	Lbs.	\$8,767,538
.....1909..	149,695	54.6	28,730,685	Lbs.	\$5,671,011
Cheese made.....1919..	47	(⁴)	2,783	Lbs.	\$1,058
.....1909..	43	(⁵)	13,703	Lbs.	\$1,933
Milk sold.....1919..	6,468	2.4	4,083,806	Gals.	\$1,434,457
.....1909..	3,720	1.4	1,966,097	Gals.	\$420,816
Cream sold.....1919..	1,666	0.6	394,583	Gals.	\$594,359
.....1909..	95	(⁶)	35,582	Gals.	\$28,039
Butter fat sold.....1919..	3,973	1.5	1,864,593	Lbs.	\$384,789
.....1909..	6	(⁷)	9,344	Lbs.	\$2,666
Butter sold.....1919..	22,302	8.2	1,871,075	Lbs.	\$314,048
.....1909..	25,548	9.3	2,452,313	Lbs.	\$539,368
Value of milk, cream, and butter fat sold, and of butter and cheese made.....1919..					\$11,772,261
.....1909.....					\$6,033,465
Increase, 1909-1919.....					\$5,738,796
Per cent of increase.....					95.1
Receipts from sale of dairy products.....1919..					\$3,827,653
.....1909.....					\$1,001,522
Increase, 1909-1919.....					\$2,826,091
Per cent of increase.....					282.2

¹ Based on the 1919 milk production as reported for dairy cows, and the number of dairy cows on hand Jan. 1, 1920.

² A minus sign (-) denotes decrease.

³ Less than one-tenth of 1 per cent.

⁴ This item represents the total farm value of dairy products, excluding milk and cream consumed as such on the farm where produced.

⁵ Figures for 1919 do not include "cheese sold," as that item was not reported for 1919. The value of cheese sold in 1909 was \$1,073.

TABLE 29.—SHEEP ON FARMS, 1920 AND 1910; GOATS ON FARMS, 1920; AND WOOL AND MOHAIR PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Number of sheep (or goats) on hand.	WOOL (OR MOHAIR) PRODUCED.		
			Number of animals shorn.	Weight (pounds).	Value.
Sheep on farms Jan. 1, 1920, total.	4,341	164,440			
On farms reporting wool.	2,883	144,762			
On farms not reporting wool.	1,455	19,678			
Sheep of shearing age ¹ on farms Apr. 15, 1910.	5,329	150,230			
Wool produced, as reported, total.	2,925		126,208	426,432	\$226,661
On farms reporting sheep.	2,883		124,979	422,313	\$224,511
On farms not reporting sheep.	39		1,229	4,119	\$2,150
Total production of wool, including estimates.				478,520	\$253,616
1919.				480,581	\$122,093
1909.				—2,061	\$131,520
Increase, 1909-1919 *.				—0.4	107.7
Per cent of increase *.					
Goats raised for fleeces, on farms Jan. 1, 1920.	70	1,128			
Mohair produced, as reported, total.	61		791	1,072	\$864
1919.	30			1,303	\$356
1909.					

¹ Sheep born before Jan. 1, 1910.

* A minus sign (—) denotes decrease.

TABLE 30.—CHICKENS (OR FOWLS) ON FARMS, 1920 AND 1910; AND POULTRY PRODUCTS, 1919 AND 1909.

[The products shown for 1919 include chicken eggs and chickens only, while the 1909 figures include the products of all kinds of poultry.]

ITEM.	FARMS REPORTING.		Number or quantity.	Value.
	Number.	Per cent of all farms.		
Chickens on farms Jan. 1, 1920, total.	237,646	87.3	Number.	
On farms reporting eggs produced.	209,459	77.0	6,342,204	
On farms reporting chickens raised.	104,909	60.6	5,855,613	
Fowls on farms Apr. 15, 1910.	221,490	80.7	4,877,973	
			5,070,116	
Eggs produced, as reported.	200,920	77.2	Dozens.	
1919.			22,012,341	\$8,423,670
Total production of eggs, including estimates.			23,783,265	9,037,641
1919.			20,542,487	3,657,657
1909.				
Eggs sold, as reported.	117,544	43.2	9,283,328	3,417,845
1919.	92,164	33.6	5,601,560	1,007,110
1909.				
Chickens raised, as reported.	165,288	60.7	Number.	
1919.			7,584,972	4,689,915
Total chickens raised, including estimates.			9,830,416	6,094,858
1919.			12,069,856	3,249,224
1909.				
Chickens sold, as reported.	53,430	20.7	1,501,912	935,020
1919.	72,699	26.5	2,294,489	653,541
1909.				

TABLE 31.—BEES ON FARMS, 1920 AND 1910; AND HONEY AND WAX PRODUCED, 1919 AND 1909.

ITEM.	Farms reporting.	Hives of bees.	PRODUCT.	
			Quantity (pounds).	Value.
Bees on farms Jan. 1, 1920, total.	17,221	82,770		
On farms reporting honey.	10,323	61,350		
On farms not reporting honey.	6,898	21,420		
Bees on farms Apr. 15, 1910.	16,028	74,350		
Honey produced.	10,376		731,630	\$160,963
1919.	8,044		559,012	60,872
1909.			20,819	6,871
Wax produced.			15,155	3,890
1919.				
1909.				

CROPS.

Summary: 1919 and 1909.—This section summarizes the census data relative to all of the farm crops of 1919 and 1909, except that it does not include nursery or greenhouse products or forest products of farms. Data for these items will be tabulated later.

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

The combined acreage of crops harvested in Mississippi in 1919 for which the acreage was reported was 6,359,385, which represents 68.2 per cent of the total improved land in farms (9,325,677 acres). The total crop acreage reported for 1909 was 6,158,147, or 68.4 per cent of the improved land in farms (9,008,310 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage of which was not reported.

In addition to the crops regularly harvested in 1919, as shown in the tables, there were reported 27,202 acres of mature crops grazed or "hogged off" and 81,691 acres in velvet beans, the latter including the total acreage on which velvet beans were grown for any purpose, either alone or mixed with other crops.

Farm value of crops.—At the census of 1920 the farm schedule called for the value of all farm property, including live stock, and the value of live-stock products sold.

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

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

AGRICULTURE—MISSISSIPPI.

TABLE 32.—SUMMARY FOR ALL CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.				ACRES HARVESTED.			PRODUCTION.							
	Number.		Per cent of all farms.		1919	1909	Per cent of increase. ¹	Quantity.				Value.			
	1919	1909	1919	1909				Unit.	1919	1909	Per cent of increase. ¹	1919	1909	Per cent of increase. ¹	
All crops.....					6,359,385	6,158,147	3.3						\$336,207,156	\$140,531,671	139.2
With acreage reports.....													320,526,759	138,950,872	130.7
With no acreage reports.....													15,680,397	1,580,799	891.9
Cereals, total ²					2,718,055	2,270,593	19.7	Bu.	38,932,069	29,707,061	31.0	71,484,048	26,894,772	166.1	
Corn.....	216,018	226,281	90.4	82.5	2,657,009	2,172,612	22.3	Bu.	38,095,228	28,428,667	34.0	70,476,177	26,030,376	170.7	
Oats.....	10,553	22,740	3.9	8.3	53,088	97,085	-45.3	Bu.	760,417	1,268,785	-40.1	836,466	822,932	1.0	
Wheat.....	1,026	135	0.4	(³)	6,380	394		Bu.	54,685	4,070		121,402	4,348		
Rye.....	87	19	(³)	(³)	316	43		Bu.	2,525	516	389.3	5,556	459		
Kafir and milo.....	27	32	(³)	(³)	52	44		Bu.	578	794	-27.2	925	706		
Rough rice.....	1,217	358	0.4	0.1	1,171	281	316.7	Bu.	18,141	4,836	275.1	42,631	5,368	694.2	
Other grains and seeds with acreage reports, total ²					79,728	88,321	-9.7	Bu.	512,053	581,238	-11.9	1,634,379	916,717	78.3	
Dry edible beans.....	84	351	(³)	0.1	116	1,092	-89.4	Bu.	1,421	8,727	-83.7	6,535	23,647	-72.4	
Soy beans.....	850	6	0.3	(³)	3,420	15		Bu.	24,839	152		95,637	378		
Dry peas.....	16,952	20,021	6.2	7.3	59,233	73,090	-19.0	Bu.	243,940	285,768	-14.6	987,960	570,508	73.2	
Peanuts.....	19,126	23,171	7.0	8.4	16,933	13,997	21.0	Bu.	241,601	284,791	-15.2	543,616	317,236	71.4	
Seeds with no acreage reports, total ³								Bu.	17,674	361		266,167	1,047		
Red clover seed.....	10		(³)					Bu.	151			3,322			
Other clover and alfalfa seed.....	579		0.2					Bu.	17,523		175	262,845	635		
Hay and forage, total ⁴	73,040	44,685	26.8	16.3	483,544	231,056		Tons.	585,254	284,337		14,744,951	3,410,894		
All tame or cultivated grasses.....					310,915	98,788	214.7	Tons.	399,426	128,351	211.2	10,631,029	1,525,330	600.2	
Timothy alone.....	409	170	0.2	0.1	1,689	1,082	50.1	Tons.	1,709	1,620	5.5	43,584	18,415	136.7	
Timothy and clover mixed.....	349	626	0.1	0.2	3,034	2,353	28.9	Tons.	3,890	2,604	49.6	111,017	34,464	222.1	
Clover alone.....	14,798	2,155	5.4	0.8	97,933	9,438	937.6	Tons.	123,784	12,000	931.5	3,405,952	100,269	772.6	
Alfalfa.....	2,058	841	0.8	0.3	30,304	9,245	227.8	Tons.	65,354	10,710	201.1	2,352,744	209,670	772.6	
Other tame grasses ⁵	29,388		11.0		177,955	76,670	132.1	Tons.	204,084	95,417	114.5	4,707,732	1,042,512	351.6	
Wild, salt, or prairie grasses.....	6,382	10,786	2.3	3.9	39,567	55,490	-28.7	Tons.	39,281	64,478	-39.1	765,999	665,029	15.2	
Small grains cut for hay.....	2,483		0.9		14,926			Tons.	16,004	73,382	13.3	1,045,842	1,020,722	127.1	
Annual legumes cut for hay.....	17,237	16,038	6.3	5.8	68,346	65,602	26.9	Tons.	37,760			399,494			
Silage crops.....	509		0.2		9,140			Tons.	10,938	18,057		235,180	103,163		
Corn cut for forage ⁶	4,929		1.8		29,497	11,167		Tons.	13,844			318,412			
Kafir, sorghum, etc., for forage.....	3,871		1.4		10,787	19		Tons.	843	69		16,450	650		
Root crops for forage.....	174	30	0.1	(³)	366										
Vegetables, total.....															
Potatoes (Irish or white).....	28,459	28,019	10.5	10.2	8,993	8,342	7.8	Bu.	650,670	614,742	1.0	1,692,523	512,011	212.3	
Sweet potatoes and yams.....	113,941	97,593	41.9	35.6	69,394	56,045	23.8	Bu.	6,550,500	4,427,988	47.9	9,170,687	3,073,260	198.4	
Other vegetables ⁷	8,410	165,905	3.1	60.5	14,015	61,223						3,042,793	5,808,275		
Farm garden ⁸	194,107		71.3									12,803,187			
Miscellaneous crops, total.....					3,014,394	3,441,821	-12.4					218,455,355	98,167,742	122.5	
Tobacco.....	625	406	0.2	0.1	1,043	49		Lbs.	725,577	18,000		275,725	3,300		
Cotton.....	239,353	229,697	88.0	83.7	2,948,387	3,400,210	-13.3	Bales	967,527	1,127,156	-15.0	183,845,184	83,148,805	121.1	
Cottonseed (estimated).....								Tons.	449,082	563,578	-20.3	28,510,727	13,204,628	116.0	
Sorghum grown for sirup.....	44,260	17,796	16.3	6.5	38,752	16,510	134.6	Tons.	139,100	50,327	176.4	1,885,140	297,044	534.6	
Sugar cane.....	44,795	52,860	16.5	19.3	25,256	24,861	1.6	Tons.	180,283	222,000	-16.3	3,023,811	1,506,887	160.4	
Broom corn.....	426	43	0.2	(³)	309	154	100.6	Lbs.	88,081	60,574	45.4	5,286	5,548	-4.7	
Sundry minor crops ⁹					47	28						3,482	1,440	141.8	
Fruits and nuts, total.....															
Small fruits.....	2,637		1.0		759	830	-9.2	Qts.	1,389,203	1,407,301	-1.3	2,911,066	1,686,923	72.6	
Other fruits and nuts.....												302,023	107,171	181.8	
												2,609,043	1,579,752	65.2	

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

² Excluding 29,497 acres reported for corn cut for forage, which is practically all duplicated in the acreage shown for corn harvested as grain.

³ Includes small quantities of mixed crops (1919) and of emmer and spelt and barley (1909).

⁴ Less than one-tenth of 1 per cent.

⁵ Includes small quantities of sorghum seed (1919 and 1909) and of velvet beans (1909). A considerable part of the acreage in soy beans, peas, and possibly some other crops, is probably a duplication of other crop acreage.

⁶ The 1909 figures include small quantities of flower and vegetable seeds (value only), timothy seed, "other grass seed," and millet seed. The entire acreage from

which the grass and clover seeds were secured is believed to be included in the acreage given elsewhere for hay and forage.

⁷ Corn cut for forage was not reported to any extent in 1909; hence no close comparison between 1919 and 1909 can be made, either for the hay and forage totals or for the bracketed group in which corn cut for forage appears.

⁸ Includes millet and Hungarian grass.

⁹ The 1919 figures represent vegetables raised for sale only.

¹⁰ In 1909 the value of the farm garden was largely included in the value of "other vegetables."

¹¹ These crops comprise chufas (1919 and 1909), hemp (1910), and ginseng (value only, 1909).

TABLE 33.—ACREAGE OF IMPORTANT CROPS HARVESTED: 1879 TO 1919.

CROP.	1919	1909	1899	1889	1879
Corn.....	2,657,009	2,172,612	2,276,313	1,706,352	1,570,551
Oats.....	53,088	97,085	87,066	123,361	198,497
Dry peas.....	59,233	73,090	69,490		
Peanuts.....	16,933	13,997	5,853	1,960	
Hay and forage.....	483,544	231,056	99,261	66,159	9,319
Sweet potatoes and yams.....	69,394	56,045	38,109	44,188	41,874
Cotton.....	2,948,387	3,400,210	2,897,920	2,883,278	2,106,215

¹ Includes 29,497 acres in corn cut for forage. This crop was not included to any extent in the hay and forage totals prior to 1919. If its acreage be deducted, to make the 1919 figures more closely comparable with those of earlier years, the remaining area in hay and forage will be 454,047 acres.

TABLE 34.—PERCENTAGES AND AVERAGES FOR IMPORTANT CROPS: 1919 AND 1909.

CROP.	PER CENT OF IMPROVED LAND OCCUPIED.		AVERAGE YIELD PER ACRE.			AVERAGE VALUE PER ACRE.	
	1919	1909	Unit.	1919	1909	1919	1909
Corn.....	28.5	24.1	Bu.....	14.3	13.1	\$26.52	\$11.98
Oats.....	0.6	1.1	Bu.....	14.3	13.1	15.76	8.48
Dry peas.....	0.6	0.8	Bu.....	4.1	3.0	16.03	7.81
Peanuts.....	0.2	0.2	Bu.....	14.3	20.3	32.10	22.68
Hay and forage.....	5.2	2.6	Tons.....	1.21	1.23	30.40	14.79
Sweet potatoes and yams.....	0.7	0.6	Bu.....	94.4	79.0	132.15	54.34
Cotton.....	31.6	37.7	Bales.....	0.32	0.33	62.35	24.45

TABLE 35.—VEGETABLES RAISED FOR SALE: 1919.

[Vegetables other than potatoes and sweet potatoes.]

CROP.	FARMS REPORTING.		Acres harvested.	Value of product.
	Number.	Per cent of all farms.		
Total.....	8,419	3.1	14,015	\$3,042,793
Beans (green).....	2,546	0.9	1,815	183,397
Beets.....	40	(¹)	23	4,276
Cabbages.....	2,421	0.9	2,044	525,024
Cantaloupes and muskmelons.....	381	0.1	172	17,693
Carrots.....	242	0.1	263	62,255
Corn (sweet).....	168	0.1	64	5,254
Cucumbers.....	482	0.2	234	10,920
Lettuce.....	156	0.1	49	4,060
Onions.....	765	0.3	116	11,167
Peas (green).....	1,052	0.4	855	141,248
Peppers (green).....	35	(¹)	59	9,306
Radishes.....	58	(¹)	287	79,352
Tomatoes.....	3,670	1.3	5,963	1,795,210
Turnips.....	112	(¹)	38	5,814
Watermelons.....	2,403	0.9	1,750	140,070
All other vegetables.....	113	(¹)	43	5,591
Mixed vegetables.....	113	(¹)	210	42,126

¹ Less than one tenth of 1 per cent.

TABLE 36.—SUGAR CROPS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres harvested.	PRODUCTION.		
	Number.	Per cent of all farms.		Quantity.	Unit.	Value.
Sorghum grown for sirup.....	1919.. 44,260	16.3	138,752	139,100	Tons.....	.....
.....	1909.. 17,796	6.5	16,519	50,327	Tons.....	.....
Sirup made.....	1919.. ..	.....	.....	1,795,368	Gals.....	\$1,885,140
.....	1909.. ..	.....	.....	622,356	Gals.....	297,044
Sugar cane, total.....	1919.. ..	.....	.....	.....	.....	3,923,811
.....	1909.. ..	.....	.....	.....	.....	1,506,837
Cane grown.....	1919.. 44,795	16.5	25,256	186,283	Tons.....	.....
.....	1909.. 52,860	19.3	24,801	222,600	Tons.....	.....
Cane sold.....	1919.. 21	(³)	146	146	Tons.....	3,066
.....	1909.. 467	0.2	1,258	1,258	Tons.....	11,737
Sirup made.....	1919.. 44,774	16.5	.....	3,015,956	Gals.....	3,920,745
.....	1909.. 52,563	19.2	.....	2,920,519	Gals.....	1,494,696

¹ Figures include estimates for incomplete reports.

² Includes the value of small quantities of sugar and molasses made on farms.

³ Less than one-tenth of 1 per cent.

TABLE 37.—SMALL FRUITS: 1919 AND 1909.

CROP.	FARMS REPORTING.		Acres harvested.	PRODUCTION.	
	Number.	Per cent of all farms.		Quantity (quarts).	Value.
Total.....	1919.. 2,637	1.0	759	1,389,263	\$302,023
.....	1909.. ..	.....	836	1,407,301	107,171
Strawberries.....	1919.. 999	0.4	691	1,323,461	291,104
.....	1909.. 785	0.3	772	1,345,013	101,882
Raspberries.....	1919.. 96	(¹)	8	3,657	918
Loganberries.....	1919.. 3	(¹)	(²)	80	15
Raspberries and loganberries.....	1909.. 100	(¹)	5	7,806	673
Blackberries and dewberries.....	1919.. 1,552	0.6	60	61,005	9,854
.....	1909.. 672	0.2	58	53,735	4,531
Other berries.....	1919.. 1	(¹)	(²)	400	72
.....	1909.. ..	.....	1	747	85

¹ Less than one-tenth of 1 per cent.

² Less than 1 acre.

TABLE 38.—FRUIT AND NUT TREES AND GRAPEVINES NOT OF BEARING AGE: 1920 AND 1910.

CROP.	FARMS REPORTING.				TREES OR VINES NOT OF BEARING AGE.	
	Number.		Per cent of all farms.		1920	1910
Orchard fruits, total ¹	34,783	.....	12.8	.....	784,311	1,353,998
Apples.....	21,479	36,893	7.9	13.4	210,686	425,323
Peaches.....	26,798	36,645	9.8	13.4	493,651	724,895
Pears.....	9,657	20,432	3.5	7.4	51,094	101,209
Plums and prunes.....	3,515	6,582	1.3	2.4	23,733	83,154
Cherries.....	1,266	2,129	0.5	0.8	4,968	9,267
Subtropical fruits, total ².....	.....	.....	.....	.....	60,681	79,999
Figs.....	4,650	5,929	1.7	2.2	21,893	38,654
Oranges.....	390	337	0.1	0.1	37,350	38,637
Grapefruit (pomeloes).....	57	92	(³)	(³)	944	1,978
Japanese persimmons.....	11	11	(³)	(³)	494	317
Grapes.....	3,512	5,084	1.3	1.9	24,041	34,870
Nuts, total ⁴.....	.....	.....	.....	.....	255,468	157,870
Pecans.....	12,733	6,671	4.7	2.4	254,187	148,030
Walnuts (Persian or English).....	527	1,239	0.2	0.5	1,281	5,513

¹ Includes apricots, quinces, and (for 1910) mulberries.

² The 1910 figures include lemons, pomegranates, kumquats, and bananas.

³ Less than one-tenth of 1 per cent.

⁴ The 1910 figures include almonds, and also black walnuts and several other varieties of nuts not called for by the 1920 schedule.

TABLE 39.—ORCHARD AND SUBTROPICAL FRUITS, GRAPES, AND NUTS: 1919 AND 1909.

CROP.	FARMS REPORTING TREES OR VINES OF BEARING AGE.				NUMBER OF TREES OR VINES OF BEARING AGE.		PRODUCTION.				
	Number.		Per cent of all farms.				Quantity.			Value.	
	1920	1910	1920	1910	1920	1910	Unit.	1919	1909	1919	1909
Orchard fruits, total ¹	57,050		21.0		1,281,995	2,554,756	Bu....	1,180,203	1,634,305	\$2,039,655	\$1,325,506
Apples.....	35,354	42,052	13.0	15.3	269,862	427,652	Bu....	217,885	295,841	359,515	213,714
Peaches.....	55,196	67,382	20.3	24.6	855,158	1,726,298	Bu....	775,885	1,156,817	1,896,594	925,288
Pears.....	17,809	21,422	6.5	7.8	75,179	118,555	Bu....	120,744	101,288	205,204	96,777
Plums and prunes.....	6,994	12,073	2.6	4.4	74,790	257,140	Bu....	42,695	101,974	68,314	79,971
Cherries.....	2,187	3,040	0.8	1.1	6,804	13,748	Bu....	2,749	2,819	9,487	3,749
Subtropical fruits, total ²					54,046	77,294				120,527	119,129
Figs.....	8,736	15,457	2.5	5.6	24,921	65,397	Lbs...	296,706	1,949,301	35,608	107,609
Oranges.....	404	213	0.1	0.1	28,127	10,452	Boxes.	31,419	3,779	83,261	8,648
Grapefruit (pomeloes).....	60	90	(³)	(³)	571	1,001	Boxes.	381	1,368	762	2,345
Japanese persimmons.....	18	34	(³)	(³)	427	296	Bu....	224	123	896	408
Grapes.....	10,023	8,271	3.7	3.0	56,912	77,012	Lbs...	507,899	760,563	50,796	44,262
Nuts, total ⁴					132,212	68,727	Lbs...	1,592,177	866,504	398,065	90,855
Pecans.....	10,743	4,288	3.9	1.6	129,971	60,524	Lbs...	1,559,245	637,293	389,823	79,936
Walnuts (Persian or English)....	681	893	0.3	0.3	2,241	2,705	Lbs...	32,932	66,492	8,242	6,949

¹ Includes apricots, quinces, and (for 1910) mulberries. Since these fruits were not called for by the 1920 schedule, the returns for that year are somewhat incomplete.

² The figures for 1910 and 1909 include lemons, pomegranates, kumquats, and bananas.

³ Less than one-tenth of 1 per cent.

⁴ The figures for 1910 and 1909 include almonds, and also black walnuts and several other varieties of nuts not called for by the 1920 schedule.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

THE STATE.									
	Total.	White.	Colored.	Adams.	Alcorn.	Amite.	Attala.	Benton.	
ALL FARMS.									
1	Number of farms, 1920.....	272,101	110,882	161,219	1,673	2,901	3,148	4,024	1,904
2	1910.....	274,382	109,645	164,737	1,974	2,440	3,412	5,065	1,953
3	1900.....	220,803	92,124	128,679	2,583	1,944	3,280	4,381	1,867
4	All farmers classified by sex, 1920:								
5	Male.....number..	253,169	106,260	146,909	1,524	2,805	2,967	3,794	1,789
6	Female.....number..	18,932	4,622	14,310	149	96	181	230	115
7	Color and nativity of all farmers, 1920:								
8	Native white.....number..	110,279	110,279	.....	176	2,484	1,609	2,416	1,000
9	Foreign-born white.....number..	603	603	.....	22	3	10	7	4
10	Negro and other nonwhite.....number..	161,219	.....	161,219	1,475	414	1,529	1,601	900
11	All farms classified by size, 1920:								
12	Under 3 acres.....number..	147	113	34	.....	3	1	1	.....
13	3 to 9 acres.....number..	8,112	2,265	5,847	144	57	54	41	8
14	10 to 19 acres.....number..	57,694	11,811	45,883	555	270	310	383	125
15	20 to 49 acres.....number..	116,795	32,934	83,861	638	1,280	1,257	1,376	725
16	50 to 99 acres.....number..	41,900	26,014	15,886	130	713	589	822	386
17	100 to 174 acres.....number..	28,218	21,263	6,955	84	409	541	832	368
18	175 to 259 acres.....number..	9,553	7,848	1,705	28	107	198	320	134
19	260 to 499 acres.....number..	6,777	5,932	845	36	53	145	216	123
20	500 to 999 acres.....number..	2,040	1,884	156	30	6	42	28	26
21	1,000 acres and over.....number..	865	818	47	28	3	11	5	9
LAND AND FARM AREA.									
22	Approximate land area, 1920.....acres..	29,671,680	.....	.....	272,640	247,010	456,960	457,600	253,440
23	Land in farms, 1920.....acres..	18,196,979	12,382,314	5,814,665	169,439	198,752	287,305	385,388	201,077
24	1910.....acres..	18,557,533	12,100,106	6,457,427	161,494	212,295	306,825	401,298	208,617
25	1900.....acres..	18,240,736	12,337,537	5,903,199	141,222	198,371	325,269	385,003	216,101
26	Improved land in farms, 1920.....acres..	9,325,677	5,201,640	4,124,037	81,790	91,553	123,201	184,716	70,215
27	1910.....acres..	9,008,310	4,520,927	4,487,383	72,626	89,401	144,948	167,564	81,226
28	1900.....acres..	7,594,428	3,844,667	3,749,761	73,759	71,203	122,868	150,341	64,844
29	Woodland in farms, 1920.....acres..	7,014,898	5,785,240	1,229,658	55,083	92,553	145,109	141,721	89,346
30	Other unimproved land in farms, 1920.....acres..	1,866,404	1,395,434	460,970	32,566	14,046	15,935	58,951	41,516
31	Per cent of land area in farms, 1920.....	61.3	41.7	19.6	62.1	80.5	62.9	84.2	79.3
32	Per cent of farm land improved, 1920.....	51.2	42.0	70.9	48.3	46.1	43.9	47.9	34.9
33	Average acreage per farm, 1920.....	66.9	111.7	35.1	101.3	68.5	91.3	95.8	105.6
34	Average improved acreage per farm, 1920.....	34.3	40.9	25.6	48.9	31.6	40.1	45.9	36.9
VALUE OF FARM PROPERTY.									
35	All farm property, 1920.....dollars..	964,751,855	497,529,775	467,222,080	5,705,484	8,258,675	6,917,346	9,049,174	4,055,976
36	1910.....dollars..	426,314,634	238,753,608	187,561,026	3,568,416	3,451,387	4,884,657	6,373,089	2,434,737
37	1900.....dollars..	204,221,027	117,733,593	86,487,434	2,153,662	1,597,914	2,656,325	2,933,192	1,325,788
38	Land in farms, 1920.....dollars..	641,842,394	298,108,035	343,734,359	2,950,610	4,711,547	3,178,465	4,734,774	2,192,017
39	1910.....dollars..	254,002,289	133,608,805	120,393,484	1,812,104	1,853,573	2,433,096	3,486,703	1,265,751
40	1900.....dollars..	114,856,660	59,801,040	55,055,620	1,114,520	822,210	1,327,780	1,543,880	638,710
41	Farm buildings, 1920.....dollars..	148,054,384	89,187,212	58,867,172	1,207,177	1,689,459	1,475,154	1,725,224	715,923
42	1910.....dollars..	80,160,000	52,028,927	28,131,073	864,671	673,443	1,269,037	1,327,349	479,750
43	1900.....dollars..	37,150,340	25,511,290	11,639,050	461,580	292,980	597,500	553,450	280,070
44	Implements and machinery, 1920.....dollars..	39,881,256	20,506,774	13,374,482	488,535	472,601	506,290	506,290	225,492
45	1910.....dollars..	16,905,312	11,303,017	5,602,295	151,883	179,088	251,923	308,849	109,219
46	1900.....dollars..	9,556,805	6,258,830	3,297,975	112,890	85,730	149,935	160,735	61,480
47	Live stock on farms, 1920.....dollars..	134,973,821	83,727,754	51,246,067	1,276,781	1,369,104	1,791,036	2,082,886	922,544
48	1910.....dollars..	75,247,033	41,812,859	33,434,174	640,258	718,283	920,401	1,250,188	579,987
49	1900.....dollars..	42,657,222	26,162,433	16,494,789	464,572	396,964	580,110	670,127	345,528
50	Average values, 1920:								
51	All property per farm.....dollars..	3,546	4,487	2,898	3,410	2,847	2,197	2,240	2,130
52	Land and buildings per farm.....dollars..	2,903	3,493	2,497	2,485	2,206	1,478	1,605	1,527
53	Land alone per acre.....dollars..	35.27	24.08	59.12	17.41	23.71	11.06	12.29	10.90
FARMS OPERATED BY OWNERS.									
54	Number of farms, 1920.....	91,310	68,131	23,179	380	1,519	1,570	2,075	777
55	1910.....	92,066	67,040	25,026	328	1,184	1,451	2,375	693
56	1900.....	82,021	61,048	20,973	287	1,021	1,386	2,186	741
57	Per cent of all farms, 1920.....	33.6	61.4	14.4	22.7	52.4	49.9	51.6	40.8
58	Land in farms, 1920.....acres..	11,333,789	9,508,642	1,825,147	79,436	138,088	218,592	276,243	128,097
59	Improved land in farms, 1920.....acres..	4,543,012	3,093,084	849,928	39,405	53,975	81,348	120,187	36,934
60	Value of land and buildings, 1920.....dollars..	323,621,870	266,770,485	56,751,385	2,184,123	4,123,661	3,480,042	4,674,481	1,675,004
61	Degree of ownership, 1920:								
62	Farmers owning entire farm.....number..	83,768	63,680	20,088	287	1,319	1,438	1,957	613
63	Farmers hiring additional land.....number..	7,542	4,451	3,091	93	200	132	118	164
64	Color and nativity of owners, 1920:								
65	Native white owners.....number..	67,759	67,759	.....	112	1,376	1,194	1,625	645
66	Foreign-born white owners.....number..	372	372	.....	9	3	7	6	4
67	Negro and other nonwhite owners.....number..	23,179	.....	23,179	259	140	369	444	128
FARMS OPERATED BY MANAGERS.									
68	Number of farms, 1920.....	989	797	192	22	6	3	3	2
69	1910.....	825	719	106	31	2	4	.....	17
70	1900.....	930	823	107	26	3	.....	3	7
71	Land in farms, 1920.....acres..	582,749	542,964	39,785	51,665	978	1,171	48	768
72	Improved land in farms, 1920.....acres..	230,481	217,683	12,798	14,841	624	460	46	350
73	Value of land and buildings, 1920.....dollars..	34,432,882	32,319,772	2,113,110	881,300	76,075	40,400	1,725	7,680
FARMS OPERATED BY TENANTS.									
74	Number of farms, 1920.....	179,802	41,954	137,848	1,271	1,376	1,575	1,946	1,125
75	1910.....	181,491	41,886	139,605	1,615	1,254	1,967	2,690	1,243
76	1900.....	137,852	30,253	107,599	2,270	920	1,888	2,192	1,119
77	Per cent of all farms, 1920.....	66.1	37.8	85.5	76.0	47.4	50.0	48.4	69.1
78	Land in farms, 1920.....acres..	6,280,450	2,330,708	3,949,742	38,338	59,686	67,542	109,097	72,212
79	Improved land in farms, 1920.....acres..	4,552,184	1,290,873	3,261,311	27,544	36,954	44,393	64,833	32,931
80	Value of land and buildings, 1920.....dollars..	431,942,026	88,204,990	343,737,036	1,082,364	2,201,300	1,133,177	1,783,702	1,225,256
81	Form of tenancy, 1920:								
82	Share tenants.....number..	48,300	18,970	29,330	244	845	401	767	164
83	Croppers.....number..	86,859	12,666	74,193	319	395	524	891	418
84	Share-cash tenants.....number..	3,308	203	3,105	1	.....	10	1	4
85	Cash tenants.....number..	28,304	7,653	20,651	648	77	464	168	158
86	Standing renters.....number..	10,668	1,015	9,653	59	4	103	36	369
87	Unspecified.....number..	2,363	1,417	946	.....	55	13	83	12
88	Color and nativity of tenants, 1920:								
89	Native white tenants.....number..	41,741	41,741	.....	49	1,104	413	790	363
90	Foreign-born white tenants.....number..	213	213	.....	11	.....	2	1	.....
91	Negro and other nonwhite tenants.....number..	137,848	.....	137,848	1,211	272	1,160	1,155	772

¹ Part of Covington County taken to form part of Jefferson Davis County in 1906.

AGRICULTURE—MISSISSIPPI.

13

WITH SELECTED ITEMS FOR 1910 AND 1900.

Bolivar.	Calhoun.	Carroll.	Chickasaw.	Choctaw.	Claiborne.	Clarke.	Clay.	Coahoma.	Copiah.	Covington. ¹	De Soto.	Forrest. ²	
12,808	3,266	3,993	3,055	2,188	2,154	2,206	2,793	8,028	4,349	2,151	4,858	1,015	1
10,612	3,261	4,358	3,474	2,583	2,735	3,279	3,092	6,726	5,324	1,878	4,572	972	2
5,515	3,097	3,424	2,894	2,189	2,970	2,308	2,815	4,055	4,500	1,966	3,720	.....	3
11,556	3,111	3,708	2,831	2,033	1,964	2,053	2,479	7,895	4,014	2,056	4,766	986	4
1,252	155	255	224	155	190	153	314	733	335	95	92	49	5
920	2,702	1,681	1,437	1,673	536	1,318	860	329	1,990	1,544	1,012	770	6
55	1	.....	2	.....	3	7	9	10	11	8	2	5	7
11,833	563	2,282	1,616	515	1,615	881	1,024	8,289	2,348	599	3,844	240	8
.....	6	1	10	2	1	1	4	1	11	1	2	5	9
733	88	35	40	47	70	86	79	538	265	41	81	60	10
5,879	609	620	420	235	432	241	647	4,117	874	157	885	136	11
5,050	935	1,636	1,177	525	936	785	1,190	3,055	1,484	857	2,625	367	12
365	650	594	603	535	212	468	404	197	680	522	820	197	13
76	585	603	450	510	212	371	268	43	525	377	304	157	14
40	196	227	142	188	98	127	88	25	244	111	73	43	15
35	165	181	118	120	87	85	77	29	174	63	53	41	16
17	28	45	23	22	67	36	31	16	66	18	13	6	17
13	4	15	3	4	39	6	5	7	26	4	4	3	18
562,530	370,560	309,360	320,640	264,060	312,960	432,000	261,120	339,200	492,160	262,400	304,000	295,680	19
326,311	281,401	341,306	241,007	228,010	244,556	200,195	180,737	212,023	377,399	179,288	229,480	79,805	20
328,085	282,494	318,416	244,075	237,768	224,180	249,739	220,970	211,387	383,285	159,664	269,657	81,170	21
246,143	307,537	312,698	299,839	217,591	222,490	232,888	198,812	195,494	392,514	252,427	257,771	.....	22
291,324	112,329	168,718	140,507	75,416	113,488	71,821	127,641	185,614	210,712	68,127	173,794	25,050	23
251,695	105,207	151,736	130,141	98,422	115,748	95,007	142,593	172,380	208,150	50,412	177,874	21,973	24
185,746	92,168	128,501	124,400	70,290	116,624	73,488	111,929	121,005	176,814	59,664	151,096	.....	25
29,041	126,478	116,222	63,651	124,750	102,384	114,513	48,431	25,767	146,031	107,783	37,383	37,373	26
5,946	42,594	56,366	37,659	27,844	28,694	13,861	4,695	642	20,656	3,378	18,303	16,482	27
58.0	75.9	85.5	75.4	80.1	78.1	46.3	69.2	62.5	76.7	68.3	75.5	27.0	28
89.3	39.9	49.4	58.1	33.1	46.4	35.9	70.6	87.5	55.8	38.0	75.7	32.5	29
25.5	80.2	86.1	79.2	104.2	113.5	90.8	64.7	24.6	86.8	83.4	47.2	78.6	30
22.7	34.4	42.6	46.0	34.5	52.7	32.6	45.7	21.5	48.5	31.7	35.8	25.6	31
76,981,600	8,487,453	10,092,748	10,075,781	4,709,632	7,770,784	5,248,705	9,611,363	61,522,229	12,148,033	5,850,604	18,295,680	3,373,385	32
19,100,637	4,837,587	5,390,822	5,780,895	3,584,040	3,741,692	3,628,010	6,013,685	14,084,491	7,447,213	2,811,268	8,464,560	1,926,030	33
8,554,212	2,301,707	3,092,696	2,805,507	1,515,062	2,577,528	1,695,450	2,708,882	6,259,603	4,117,608	1,723,455	3,046,402	.....	34
62,860,741	4,980,801	5,973,708	6,537,997	2,140,103	4,067,201	2,590,384	5,914,200	51,503,500	6,436,448	3,224,433	11,661,640	1,612,307	35
13,726,776	2,718,587	2,811,876	3,459,326	1,914,045	1,930,705	1,840,609	3,846,829	10,096,738	3,604,191	1,422,173	5,135,704	1,032,198	36
5,892,190	1,147,480	1,740,660	1,584,060	696,070	1,393,790	775,850	1,595,120	4,337,050	2,008,880	794,470	2,262,390	.....	37
7,605,370	1,349,820	1,667,457	1,418,496	1,335,978	1,284,880	1,374,261	1,678,946	5,351,245	2,377,071	1,288,550	3,382,186	848,824	38
2,429,282	825,310	1,083,490	958,230	824,974	865,272	943,974	920,075	1,821,368	2,069,609	785,555	1,546,521	486,672	39
1,189,265	416,410	527,980	482,430	326,890	490,000	421,720	419,040	873,120	969,690	455,870	780,860	.....	40
1,754,940	474,157	511,212	500,650	268,438	531,288	245,547	436,741	1,408,387	752,771	322,681	841,187	201,417	41
510,702	226,423	258,538	240,384	194,224	174,831	154,550	254,791	430,018	382,118	120,734	300,967	82,434	42
312,860	109,620	165,780	133,500	83,410	140,610	85,830	128,745	218,745	255,910	88,650	166,910	.....	43
4,560,549	1,682,675	1,950,311	1,618,638	965,113	1,887,415	1,068,673	1,581,476	3,259,087	2,581,743	1,014,946	2,410,667	710,837	44
2,433,877	1,067,809	1,236,909	1,128,955	650,797	770,884	688,577	991,990	1,716,367	1,301,295	482,806	1,481,368	324,726	45
1,159,902	628,197	608,276	605,517	408,692	553,126	412,050	567,652	830,688	883,628	384,465	736,242	.....	46
6,010	2,599	2,547	3,298	2,152	3,608	2,379	3,441	7,131	2,793	2,720	3,766	3,324	47
5,517	1,938	1,926	2,604	2,485	1,784	1,784	2,719	6,590	2,027	2,098	3,097	2,425	48
192.64	17.70	17.50	27.03	9.39	16.63	12.79	32.72	242.91	17.05	17.98	50.82	20.20	49
790	1,520	1,434	1,071	1,442	548	1,405	896	304	1,804	1,405	829	724	50
1,042	1,562	1,341	1,113	1,563	570	1,867	1,031	494	1,987	1,277	897	684	51
932	1,658	1,203	1,017	1,400	685	1,388	859	383	1,778	1,579	869	.....	52
6.2	46.8	36.2	35.1	65.9	25.4	63.7	32.1	3.5	41.5	65.3	17.1	71.3	53
53,544	205,745	225,904	135,640	187,195	160,738	163,542	114,973	19,073	273,541	140,857	80,839	66,137	54
35,288	69,357	93,888	70,906	56,032	67,214	52,030	71,744	10,371	140,039	47,522	51,710	18,625	55
11,581,826	4,386,099	4,813,287	4,142,930	2,816,072	3,588,905	2,741,377	4,732,807	4,386,685	6,014,289	3,446,357	5,336,096	1,987,541	56
745	1,415	1,205	1,004	1,356	498	1,338	748	286	1,659	1,343	783	693	57
45	114	229	87	86	50	67	148	18	145	62	46	31	58
186	1,427	962	761	1,230	346	971	521	86	1,296	1,145	462	570	59
12	.....	.....	2	.....	3	7	8	2	7	3	1	4	60
502	101	472	308	212	199	427	367	216	501	257	366	150	61
43	4	6	9	2	17	9	8	90	10	.....	8	3	62
21	9	.....	11	1	17	2	4	19	30	.....	15	3	63
39	1	25	9	2	11	4	8	38	8	.....	9	.....	64
19,624	1,186	5,673	3,197	62	15,610	920	2,274	21,739	7,825	.....	2,706	440	65
12,186	284	2,804	2,374	28	5,668	942	1,046	6,058	3,740	.....	1,936	140	66
3,212,950	27,000	148,530	271,150	700	193,350	81,180	90,800	4,309,920	294,880	.....	200,300	10,100	67
11,975	1,733	2,823	1,975	744	1,589	792	1,889	8,234	2,535	746	4,021	288	68
9,549	1,690	3,017	2,350	1,019	2,148	1,410	2,087	6,213	3,307	601	3,660	285	69
4,544	1,438	2,196	1,868	787	2,374	916	1,048	3,636	2,714	387	2,848	.....	70
93.5	53.1	63.7	84.6	34.0	73.8	35.9	67.6	65.4	58.3	34.7	82.8	28.4	71
253,143	74,470	109,729	103,070	40,753	61,908	35,733	63,493	171,211	96,033	38,431	145,935	13,228	72
249,850	42,688	72,026	67,317	19,356	40,606	19,449	54,851	166,187	66,933	20,605	120,148	7,184	73
55,671,335	1,917,522	2,669,408	3,542,413	650,309	1,569,826	1,112,079	2,760,539	48,158,140	2,504,350	1,066,626	9,495,430	463,490	74
1,532	950	1,164	977	303	379	115	628	1,446	541	114	324	65	75
7,598	599	1,022	726	245	615	292	847	5,377	1,356	503	1,444	130	76
601	.....	.....	25	2	24	1	1	803	3	1	127	.....	77
1,898	98	202	213	66	198	342	349	465	435	104	410	86	78
62	3	79	6	11	347	1	51	142	178	9	1,663	1	79
14	81	56	28	57	26	41	13	1	22	15	53	6	80
699	1,272	713	669	443	179	340	333	190	687	399	542	197	81
43	.....	.....	.....	.....	.....	.....	1	8	3	5	1	1	82
11,233	461	1,810	1,306	301	1,410	452	1,555	8,036	1,845	342	3,478	90	83

¹ Forrest County organized from part of Perry County in 1908.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

		Franklin.	George. ¹	Greene. ¹	Grenada.	Hancock. ²	Harrison. ³	Hinds.	Holmes.
ALL FARMS.									
1	Number of farms, 1920.....	2,210	601	602	1,870	249	720	5,951	6,240
2	1910.....	2,148	427	605	2,260	390	1,034	7,305	6,507
3	1900.....	1,903		733	1,948	530	713	6,607	5,145
4	All farmers classified by sex, 1920:								
5	Male..... number..	2,049	577	580	1,732	242	659	5,381	5,697
6	Female..... number..	161	24	22	138	7	61	570	543
7	Color and nativity of all farmers, 1920:								
8	Native white..... number..	1,306	536	557	582	238	608	1,172	981
9	Foreign-born white..... number..	2	6	5	2	6	45	8	6
10	Negro and other nonwhite..... number..	902	50	40	1,286	15	67	4,771	5,238
11	All farms classified by size, 1920:								
12	Under 3 acres..... number..	1					9	2	1
13	3 to 9 acres..... number..	60	12	10	16	18	81	155	185
14	10 to 19 acres..... number..	372	27	25	356	26	100	853	1,143
15	20 to 49 acres..... number..	779	240	179	883	79	253	3,354	3,295
16	50 to 99 acres..... number..	332	140	136	219	45	123	789	850
17	100 to 174 acres..... number..	343	117	141	192	54	98	412	489
18	175 to 259 acres..... number..	152	30	50	84	15	31	173	140
19	260 to 499 acres..... number..	130	21	44	78	5	13	130	81
20	500 to 999 acres..... number..	29	11	10	29	2	8	40	31
21	1,000 acres and over..... number..	12	3	7	13	5	4	34	25
LAND AND FARM AREA.									
22	Approximate land area, 1920..... acres..	350,080	304,000	454,400	282,880	300,160	364,800	549,120	480,640
23	Land in farms, 1920..... acres..	212,405	64,913	95,151	164,032	28,028	55,746	301,016	353,399
24	1910..... acres..	224,417	51,467	110,290	203,115	34,141	117,840	388,680	361,302
25	1900..... acres..	243,107		139,945	216,224	75,855	88,808	394,046	359,839
26	Improved land in farms, 1920..... acres..	83,913	16,252	12,658	72,096	4,939	11,578	269,816	212,032
27	1910..... acres..	85,416	6,413	12,448	94,328	3,877	14,103	281,009	235,619
28	1900..... acres..	66,095		16,709	87,175	6,014	9,363	251,369	203,490
29	Woodland in farms, 1920..... acres..	111,201	38,262	79,698	65,993	19,719	37,032	73,565	98,551
30	Other unimproved land in farms, 1920..... acres..	17,291	10,999	2,795	25,943	3,370	7,136	47,635	42,896
31	Per cent of land area in farms, 1920.....	60.7	21.4	20.9	58.0	9.3	15.3	71.2	73.5
32	Per cent of farm land improved, 1920.....	39.5	25.0	13.3	44.0	17.6	20.8	60.0	60.6
33	Average acreage per farm, 1920.....	96.1	108.0	158.1	87.7	112.6	77.4	65.7	56.5
34	Average improved acreage per farm, 1920.....	38.0	27.0	21.0	38.6	19.8	16.1	45.3	34.6
VALUE OF FARM PROPERTY.									
35	All farm property, 1920..... dollars..	4,652,231	2,115,121	2,078,085	5,690,314	876,150	2,654,253	17,903,283	23,212,871
36	1910..... dollars..	2,778,257	803,470	1,542,315	3,780,606	740,081	2,060,701	10,761,427	10,985,157
37	1900..... dollars..	1,642,603		737,103	1,806,458	600,659	845,287	5,616,454	4,899,539
38	Land in farms, 1920..... dollars..	2,356,151	1,067,135	1,060,972	3,313,124	388,334	1,018,400	9,820,324	15,798,761
39	1910..... dollars..	1,449,983	421,770	887,451	2,195,173	380,972	1,526,123	6,219,899	6,077,719
40	1900..... dollars..	840,060		301,060	1,025,670	199,910	337,000	3,000,080	2,002,609
41	Farm buildings, 1920..... dollars..	885,859	452,050	445,607	969,474	170,580	910,045	3,341,256	3,679,381
42	1910..... dollars..	617,308	197,680	352,949	689,575	157,653	884,615	2,151,419	2,020,997
43	1900..... dollars..	316,350		170,100	303,140	131,940	209,270	1,089,500	880,120
44	Implements and machinery, 1920..... dollars..	229,003	121,656	84,228	348,522	47,252	170,645	1,001,417	955,463
45	1910..... dollars..	141,726	36,027	42,838	126,817	23,474	85,747	405,238	438,055
46	1900..... dollars..	76,540		33,350	74,460	26,080	31,810	288,750	212,323
47	Live stock on farms, 1920..... dollars..	1,181,218	474,280	487,278	1,065,195	260,000	524,563	3,740,288	2,879,066
48	1910..... dollars..	509,240	148,013	259,077	769,011	174,085	473,216	1,984,871	1,848,956
49	1900..... dollars..	403,633		232,593	403,188	241,820	206,307	1,258,124	904,235
50	Average values, 1920:								
51	All property per farm..... dollars..	2,105	3,519	3,452	3,046	3,519	3,086	3,008	3,720
52	Land and buildings per farm..... dollars..	1,467	2,528	2,503	2,290	2,245	2,721	2,212	3,165
53	Land alone per acre..... dollars..	11.09	16.44	11.15	20.20	13.86	18.27	25.11	44.71
FARMS OPERATED BY OWNERS.									
54	Number of farms, 1920.....	1,030	554	575	495	218	621	1,350	1,314
55	1910.....	988	410	565	577	367	905	1,385	1,365
56	1900.....	951		680	549	471	603	1,353	1,200
57	Per cent of all farms, 1920.....	46.6	92.2	95.5	26.5	87.6	86.3	22.7	21.1
58	Land in farms, 1920..... acres..	171,023	54,394	91,841	108,260	21,340	40,850	200,598	183,540
59	Improved land in farms, 1920..... acres..	56,287	13,775	11,979	34,555	4,026	9,195	120,413	79,045
60	Value of land and buildings, 1920..... dollars..	2,520,543	1,345,035	1,429,829	2,507,555	442,409	1,594,005	6,065,957	8,558,338
61	Degrees of ownership, 1920:								
62	Farmers owning entire farm..... number..	929	530	504	471	213	602	1,171	1,216
63	Farmers hiring additional land..... number..	101	24	11	24	5	19	179	98
64	Color and nativity of owners, 1920:								
65	Native white owners..... number..	851	500	534	300	203	533	675	508
66	Foreign-born white owners..... number..	2	6	4	2	6	37	6	6
67	Negro and other nonwhite owners..... number..	177	48	37	193	9	51	669	710
FARMS OPERATED BY MANAGERS.									
68	Number of farms, 1920.....	5	3	3	5	8	21	44	14
69	1910.....	2	2		9		22	27	28
70	1900.....	6		1	10		4	31	25
71	Land in farms, 1920..... acres..	925	6,770	380	6,483	4,845	2,650	29,599	12,555
72	Improved land in farms, 1920..... acres..	720	1,180	213	1,945	408	1,268	23,133	6,607
73	Value of land and buildings, 1920..... dollars..	37,330	73,600	12,500	160,650	58,075	197,500	1,400,495	900,630
FARMS OPERATED BY TENANTS.									
74	Number of farms, 1920.....	1,175	44	24	1,370	23	78	4,557	4,912
75	1910.....	1,158	15	40	1,074	23	107	5,893	5,114
76	1900.....	946		52	1,383	45	46	5,238	3,914
77	Per cent of all farms, 1920.....	53.2	7.3	4.0	73.3	9.2	10.8	70.0	78.7
78	Land in farms, 1920..... acres..	40,457	3,740	2,930	40,289	1,834	3,246	160,849	155,095
79	Improved land in farms, 1920..... acres..	20,906	1,297	466	35,596	595	1,115	129,270	128,310
80	Value of land and buildings, 1920..... dollars..	684,137	100,550	64,250	1,614,392	58,450	166,850	5,705,128	9,910,954
81	Form of tenancy, 1920:								
82	Share tenants..... number..	446	18	12	735	8	15	839	1,026
83	Croppers..... number..	399	9	5	522	1	10	2,289	2,522
84	Share-cash tenants..... number..	4			2			21	13
85	Cash tenants..... number..	248	11	2	2			511	815
86	Standing renters..... number..	32			66	13	49	891	807
87	Unspecified..... number..	46	6	5	4		4	8	
88	Color and nativity of tenants, 1920:								
89	Native white tenants..... number..	451	34	21	277	17	50	459	270
90	Foreign-born white tenants..... number..								
91	Negro and other nonwhite tenants..... number..	724	10	3	1,093	6	15	4,097	4,542

¹ George County organized from parts of Greene and Jackson Counties in 1910, but prior to Thirteenth Census date (Apr. 15).
² Part of Hancock County annexed to Pearl River County in 1908.
³ Part of Harrison County taken to form Stone County in 1916.

AGRICULTURE—MISSISSIPPI.

15

WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Humphreys. ¹	Issaquena.	Itawamba.	Jackson. ¹	Jasper.	Jefferson.	Jefferson Davis. ²	Jones.	Kemper.	Lafayette.	Lamar. ³	Lauderdale.	Lawrence. ⁴	
3,665	1,914	3,064	688	2,790	2,942	2,272	2,666	3,427	3,388	939	3,076	1,902	1
2,230	2,933	2,933	554	3,088	2,878	1,987	2,688	3,611	4,027	843	3,564	1,903	2
1,646	2,259	2,259	544	2,254	3,575	.....	1,561	3,314	3,871	.....	3,358	2,510	3
3,497	1,693	2,951	645	2,615	2,850	2,153	2,578	3,151	3,192	911	2,800	1,846	4
198	221	113	43	175	92	119	88	276	196	28	276	56	5
364	136	2,886	582	1,490	688	1,038	2,278	1,548	1,923	869	1,682	1,169	6
1	3	.....	29	1	4	1	5	2	11	15	11	7	7
3,330	1,775	178	77	1,299	2,250	1,233	383	1,877	1,403	55	1,383	732	8
.....	.....	1	10	.....	.....	.....	.....	3	.....	.....	3	.....	9
117	160	33	67	69	105	44	31	62	17	12	107	54	10
1,341	770	255	66	266	606	263	228	250	313	55	202	246	11
2,000	806	1,009	231	967	1,387	1,099	975	1,295	1,373	387	1,135	730	12
127	90	874	116	621	293	478	704	813	607	283	765	409	13
52	20	609	121	459	239	258	469	592	504	176	467	270	14
16	14	178	32	200	126	82	139	245	219	37	174	90	15
16	18	98	27	154	111	42	95	132	158	10	123	69	16
16	19	16	0	44	53	4	20	27	40	3	28	19	17
10	11	1	9	9	22	2	5	8	7	3	12	6	18
201,120	259,840	338,560	454,400	426,880	324,480	258,560	446,440	481,280	424,960	316,800	448,000	267,520	19
122,415	96,379	261,029	97,678	274,615	236,463	140,466	229,259	314,409	310,373	76,600	271,573	153,759	20
.....	78,246	275,600	80,109	289,387	224,095	157,688	224,881	318,795	347,785	68,468	298,423	153,364	21
.....	90,676	272,395	126,370	204,657	219,018	.....	218,314	312,641	346,743	.....	315,542	276,683	22
97,452	54,697	90,701	14,566	100,211	116,794	68,078	76,400	153,510	129,967	23,935	109,730	58,393	23
.....	54,153	95,178	8,514	95,419	123,651	73,722	67,303	161,533	133,090	17,919	133,609	55,453	24
.....	55,052	80,228	8,239	82,259	112,110	.....	44,078	122,562	127,915	.....	130,159	92,662	25
21,870	38,388	137,892	55,692	150,194	77,906	62,638	131,876	124,678	127,563	38,169	131,614	89,648	26
3,123	3,294	32,936	26,850	24,210	41,763	9,760	20,983	36,221	52,843	14,496	30,229	5,718	27
46.9	37.1	77.1	21.4	64.3	72.9	54.3	51.5	65.3	73.0	24.2	60.6	57.5	28
79.6	56.8	34.7	15.0	36.5	49.4	48.5	33.3	48.8	41.9	31.2	40.4	38.0	29
33.1	50.4	85.2	141.1	98.4	80.4	61.8	86.0	91.7	91.6	81.6	88.3	80.8	30
26.4	28.6	29.6	21.2	35.9	39.7	30.0	28.7	44.8	38.4	25.5	35.7	30.7	31
16,603,244	8,695,458	6,317,267	3,144,192	6,149,357	7,270,602	4,199,617	6,969,669	6,088,652	7,628,045	2,736,579	8,169,093	3,518,733	32
.....	3,940,569	3,608,850	1,676,747	4,029,928	3,841,682	2,921,839	4,009,937	5,042,243	4,898,964	1,131,698	5,877,498	2,447,138	33
.....	2,314,100	1,495,236	790,363	1,677,814	2,659,727	.....	1,396,784	2,478,940	2,801,339	.....	3,052,389	1,762,142	34
12,447,161	6,342,221	3,737,671	1,906,347	2,880,920	4,096,238	1,991,602	3,588,541	2,886,630	4,390,562	1,381,657	4,189,967	1,689,316	35
.....	2,661,841	1,982,249	887,825	2,135,101	1,981,457	1,607,594	2,165,142	2,783,267	2,704,146	529,768	3,099,079	1,264,092	36
.....	1,456,110	691,300	352,130	775,660	1,296,080	.....	846,830	1,205,600	1,880,120	.....	1,616,880	810,010	37
2,119,224	1,150,963	957,667	621,093	1,472,801	1,167,176	945,745	1,487,298	1,314,960	1,151,409	566,080	2,039,291	801,212	38
.....	576,729	699,620	453,225	955,040	886,140	645,911	967,102	1,065,676	749,797	302,394	1,531,895	600,342	39
.....	413,870	264,630	185,450	360,790	580,940	.....	326,130	531,520	53,310	.....	676,930	386,010	40
691,397	341,285	348,788	112,411	301,793	354,324	298,016	391,912	333,302	419,226	148,604	386,251	203,073	41
.....	139,409	168,883	70,217	151,753	176,290	133,927	189,327	239,758	250,699	42,923	278,827	114,740	42
.....	110,085	87,780	31,130	72,130	140,590	.....	75,370	119,990	171,260	.....	135,620	93,890	43
1,625,402	899,959	1,273,141	594,341	1,513,843	1,652,864	964,254	1,501,918	1,433,760	1,666,848	640,232	1,553,584	875,132	44
.....	592,530	758,198	265,480	787,134	797,795	534,407	694,360	953,642	1,104,352	256,613	968,197	467,964	45
.....	334,035	451,053	221,053	469,234	642,117	.....	348,454	621,930	696,649	.....	623,959	461,092	46
4,518	4,543	2,062	4,570	2,204	2,471	1,848	2,614	1,777	2,251	2,914	2,656	1,850	47
.....	3,915	1,532	3,674	1,553	1,789	1,293	1,904	1,255	1,636	2,074	2,025	1,233	48
101.66	65.81	14.32	19.64	10.42	17.32	14.18	15.65	9.50	14.15	18.04	15.43	10.66	49
347	276	1,623	607	1,639	702	1,326	1,825	1,651	1,240	736	1,667	1,117	50
.....	200	1,581	510	1,719	667	1,197	1,721	1,694	1,391	657	1,905	1,120	51
.....	138	1,487	504	1,396	599	.....	1,261	1,600	1,493	.....	1,911	1,523	52
.....	9.4	58.0	58.2	58.7	28.9	58.4	68.5	48.2	36.6	78.4	64.2	58.7	53
36,168	35,076	184,111	58,723	206,488	149,050	110,961	179,955	213,556	194,458	66,422	199,596	122,533	54
20,782	12,624	54,278	11,476	68,391	59,542	44,406	53,600	94,056	65,122	19,265	71,473	39,216	55
5,189,860	2,106,401	3,037,794	1,697,200	3,274,474	2,677,411	2,255,322	3,843,944	2,926,316	3,242,274	1,662,942	4,558,082	1,871,948	56
335	214	1,494	585	1,553	711	1,229	1,749	1,504	1,154	701	1,562	1,085	57
12	62	129	22	86	81	97	76	147	86	35	105	32	58
96	58	1,567	512	1,118	489	813	1,636	1,107	931	695	1,196	829	59
1	.....	.....	28	1	2	1	4	1	2	15	6	1	60
250	216	56	67	520	301	512	185	543	307	26	465	287	61
23	26	1	23	2	12	5	8	1	5	1	12	.....	62
.....	23	1	13	11	14	1	5	1	5	3	13	1	63
.....	22	1	9	18	15	.....	2	2	11	.....	7	1	64
10,784	25,416	468	34,329	822	11,539	405	7,543	140	2,799	105	2,990	.....	65
3,308	8,363	18	1,906	280	2,054	320	1,313	35	1,081	105	1,555	.....	66
745,500	2,229,930	8,000	671,250	18,000	249,610	27,700	127,100	4,500	73,250	4,000	104,550	.....	67
3,325	1,612	1,440	58	1,149	2,138	941	833	1,775	2,143	202	1,397	785	68
.....	2,007	1,351	31	1,358	2,197	789	962	1,916	2,631	183	1,646	782	69
.....	1,486	771	31	840	2,061	.....	298	1,652	2,372	.....	1,440	986	70
90.0	84.2	47.0	8.4	41.2	72.7	41.4	31.2	51.8	63.3	21.5	45.4	41.3	71
75,493	35,887	76,450	4,026	67,305	75,864	29,100	41,761	100,713	113,116	10,973	69,077	31,226	72
73,362	33,410	36,405	1,184	31,540	54,298	23,352	21,481	59,419	63,784	4,565	36,702	19,177	73
8,631,025	3,157,853	1,649,544	158,900	1,041,247	2,336,193	654,325	1,104,795	1,370,774	2,226,447	280,801	1,566,625	565,580	74
434	463	1,009	8	397	565	345	321	465	1,157	99	427	199	75
1,836	878	319	7	391	701	540	301	631	670	46	493	461	76
29	36	1	.....	.....	12	.....	1	5	4	2	5	1	77
993	64	59	38	215	578	41	189	661	83	52	376	77	78
33	165	.....	80	280	280	11	3	13	63	1	37	35	79
.....	6	51	4	66	2	4	18	.....	166	2	59	2	80
251	50	1,318	49	370	189	224	635	441	988	173	480	340	81
.....	1	.....	.....	.....	2	.....	1	.....	.....	.....	4	.....	82
3,074	1,555	122	9	779	1,947	717	197	1,334	1,155	29	913	445	83

¹ Humphreys County organized from parts of Holmes, Sharkey, Sunflower, Washington, and Yazoo Counties in 1918.

² Jefferson Davis County organized from parts of Covington and Lawrence Counties in 1906.

³ Lamar County organized from parts of Marion and Pearl River Counties in 1904.

	Leake.	Lee.	Leflore.	Lincoln.	Lowndes.	Madison.	Marion. ¹	Marshall.
ALL FARMS.								
1 Number of farms, 1920.....	3,492	4,768	5,967	3,172	3,020	5,260	1,886	4,688
2 1910.....	3,048	5,302	6,060	3,564	4,133	5,950	1,955	4,750
3 1900.....	2,756	3,501	4,266	2,316	3,467	4,717	1,781	4,516
4 All farmers classified by sex, 1920:								
5 Male.....number.....	3,300	4,528	5,589	2,982	2,680	4,755	1,807	4,360
6 Female.....number.....	192	240	378	190	340	505	79	328
7 Color and nativity of all farmers, 1920:								
8 Native white.....number.....	2,336	3,249	502	2,122	875	938	1,231	1,127
9 Foreign-born white.....number.....	5	7	4	9	4	23	2	3
10 Negro and other nonwhite.....number.....	1,151	1,512	5,461	1,041	2,141	4,290	653	3,558
11 All farms classified by size, 1920:								
12 Under 3 acres.....number.....	1	6	2	.....	7	3	.....	3
13 3 to 9 acres.....number.....	84	111	121	64	111	127	30	40
14 10 to 19 acres.....number.....	531	794	1,549	272	450	709	175	289
15 20 to 49 acres.....number.....	1,109	2,263	3,871	1,129	1,427	3,017	872	1,978
16 50 to 99 acres.....number.....	865	1,055	268	733	518	603	350	1,399
17 100 to 174 acres.....number.....	635	423	46	630	250	352	292	729
18 175 to 259 acres.....number.....	169	77	32	197	102	153	94	152
19 260 to 499 acres.....number.....	89	35	34	116	92	115	53	84
20 500 to 999 acres.....number.....	7	3	27	25	40	58	10	13
21 1,000 acres and over.....number.....	2	1	17	6	23	33	4	6
LAND AND FARM AREA.								
22 Approximate land area, 1920.....acres.....	368,640	256,720	366,080	369,920	319,360	464,000	342,400	440,960
23 Land in farms, 1920.....acres.....	264,502	238,358	209,976	275,930	246,537	347,306	147,596	326,635
24 1910.....acres.....	288,254	259,850	228,312	271,853	241,833	369,075	167,972	350,901
25 1900.....acres.....	302,264	235,491	192,108	221,388	242,942	341,388	230,333	379,008
26 Improved land in farms, 1920.....acres.....	108,461	149,002	166,733	124,193	150,947	249,767	55,083	173,015
27 1910.....acres.....	120,251	165,968	173,595	111,704	158,986	253,892	56,473	170,537
28 1900.....acres.....	102,736	134,379	117,013	87,007	150,057	218,172	54,156	82,581
29 Woodland in farms, 1920.....acres.....	108,097	49,464	37,168	144,132	69,680	62,207	90,682	90,381
30 Other unimproved land in farms, 1920.....acres.....	47,944	39,892	6,075	7,605	16,910	35,392	1,831	63,239
31 Per cent of land area in farms, 1920.....	71.8	83.1	57.4	74.6	77.2	74.0	43.1	74.1
32 Per cent of farm land improved, 1920.....	41.0	62.5	79.4	45.0	64.9	71.9	37.3	53.0
33 Average acreage per farm, 1920.....	75.7	50.0	35.2	87.0	81.6	66.0	78.3	69.7
34 Average improved acreage per farm, 1920.....	31.1	31.3	27.9	39.2	53.0	47.6	29.2	36.9
VALUE OF FARM PROPERTY.								
35 All farm property, 1920.....dollars.....	6,598,139	14,900,736	36,547,071	7,332,990	13,736,327	14,978,324	4,049,384	11,011,738
36 1910.....dollars.....	4,091,732	9,102,355	13,778,606	4,652,816	7,749,689	8,780,463	2,060,616	6,027,094
37 1900.....dollars.....	1,850,987	2,944,680	4,900,831	2,047,079	3,568,628	4,541,020	1,411,069	3,532,861
38 Land in farms, 1920.....dollars.....	3,743,315	9,153,403	28,897,192	3,311,874	8,989,518	8,029,756	1,899,659	6,204,846
39 1910.....dollars.....	2,212,274	5,571,816	9,963,399	2,279,222	4,901,013	4,090,645	1,620,615	3,271,507
40 1900.....dollars.....	886,180	1,585,050	3,430,180	883,050	2,280,260	2,600,060	634,460	1,793,630
41 Farm buildings, 1920.....dollars.....	1,124,368	2,735,965	4,157,215	1,863,512	2,470,715	2,727,797	978,398	2,103,338
42 1910.....dollars.....	893,767	1,593,766	1,606,222	1,212,307	1,328,523	1,747,817	709,675	1,152,886
43 1900.....dollars.....	394,860	510,440	658,020	520,990	708,940	882,420	293,710	813,720
44 Implements and machinery, 1920.....dollars.....	375,211	699,208	1,031,519	468,257	701,217	700,752	245,125	613,173
45 1910.....dollars.....	196,199	357,509	418,002	247,041	294,344	399,178	125,375	225,355
46 1900.....dollars.....	101,720	137,450	189,870	144,455	196,830	180,060	83,570	181,610
47 Live stock on farms, 1920.....dollars.....	1,555,245	2,312,160	2,401,145	1,680,347	1,574,877	2,620,010	925,702	2,089,731
48 1910.....dollars.....	789,452	1,579,265	1,700,983	914,240	1,225,809	1,640,891	513,559	1,377,346
49 1900.....dollars.....	468,227	710,790	622,761	498,584	687,598	878,489	390,339	803,901
50 Average values, 1920:								
51 All property per farm.....dollars.....	1,890	3,125	6,125	2,312	4,548	2,848	2,147	2,349
52 Land and buildings per farm.....dollars.....	1,494	2,494	5,535	1,632	3,795	2,216	1,526	1,772
53 Land alone per acre.....dollars.....	14.15	38.40	137.48	12.00	36.46	25.71	12.87	19.00
FARMS OPERATED BY OWNERS.								
54 Number of farms, 1920.....	2,014	1,483	259	1,028	957	1,421	1,275	1,063
55 1910.....	2,174	1,594	258	2,013	912	1,194	1,406	1,159
56 1900.....	1,856	1,248	304	1,524	765	908	1,426	1,275
57 Per cent of all farms, 1920.....	57.7	31.1	4.3	60.8	31.7	27.0	67.6	22.7
58 Land in farms, 1920.....acres.....	214,028	113,444	51,095	219,962	148,987	205,261	124,013	130,477
59 Improved land in farms, 1920.....acres.....	76,194	57,080	23,381	89,062	89,924	128,849	40,500	56,378
60 Value of land and buildings, 1920.....dollars.....	3,947,032	5,387,261	7,788,595	3,948,025	6,888,942	6,520,337	2,267,220	3,116,290
61 Degrees of ownership, 1920:								
62 Farmers owning entire farm.....number.....	1,906	1,310	237	1,828	802	1,090	1,197	980
63 Farmers hiring additional land.....number.....	108	173	22	100	155	331	78	83
64 Color and nativity of owners, 1920:								
65 Native white owners.....number.....	1,610	1,295	141	1,600	580	684	919	572
66 Foreign-born white owners.....number.....	4	6	3	9	3	18	1	3
67 Negro and other nonwhite owners.....number.....	400	182	115	319	374	719	355	488
FARMS OPERATED BY MANAGERS.								
68 Number of farms, 1920.....	2	6	36	9	12	21	2	9
69 1910.....	4	5	21	5	29	20	4	4
70 1900.....	4	6	29	5	36	26	12	8
71 Land in farms, 1920.....acres.....	227	2,500	14,511	2,712	10,078	10,083	2,310	4,190
72 Improved land in farms, 1920.....acres.....	60	2,051	5,219	810	7,313	6,722	520	1,215
73 Value of land and buildings, 1920.....dollars.....	14,000	63,601	1,764,100	74,040	554,000	452,960	47,000	101,000
FARMS OPERATED BY TENANTS.								
74 Number of farms, 1920.....	1,476	3,279	5,672	1,235	2,051	3,818	609	3,616
75 1910.....	1,474	3,703	5,781	1,546	3,192	4,742	545	3,587
76 1900.....	896	2,247	3,933	787	2,000	3,693	343	3,233
77 Per cent of all farms, 1920.....	42.3	68.8	95.1	38.9	67.9	72.6	32.3	77.1
78 Land in farms, 1920.....acres.....	50,247	122,414	144,370	53,256	89,872	132,022	21,273	191,968
79 Improved land in farms, 1920.....acres.....	32,207	89,871	138,183	33,721	62,710	114,196	14,054	115,422
80 Value of land and buildings, 1920.....dollars.....	906,651	6,458,506	23,471,712	1,153,321	4,017,291	4,684,250	574,337	5,091,494
81 Form of tenancy, 1920:								
82 Share tenants.....number.....	712	1,756	720	233	335	406	193	610
83 Croppers.....number.....	572	1,249	3,096	627	523	1,407	332	1,350
84 Share-cash tenants.....number.....	1	2	103	5	.....	3	2	8
85 Cash tenants.....number.....	179	49	1,118	271	790	1,556	77	157
86 Standing renters.....number.....	12	2	24	94	72	382	.....	1,449
87 Unspecified.....number.....	.....	221	11	5	22	4	5	42
88 Color and nativity of tenants, 1920:								
89 Native white tenants.....number.....	724	1,948	334	515	284	230	310	546
90 Foreign-born white tenants.....number.....	1	1	1	.....	1	3	1	.....
91 Negro and other nonwhite tenants.....number.....	751	1,330	5,337	720	1,766	3,576	298	3,070

¹ Parts of Marion County taken to form part of Lamar County in 1904, and part of Walthall County in 1914.

² Part of Pearl River County taken to form part of Lamar County in 1904; part of Hancock County annexed to Pearl River County in 1908.

AGRICULTURE—MISSISSIPPI.

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WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Monroe.	Montgomery.	Neshoba.	Newton.	Noxubee.	Oktibbeha.	Panola.	Pearl River. ²	Perry. ³	Pike. ⁴	Pontotoc.	Prentiss.	Quitman.	
5,026	1,988	3,054	3,237	4,242	2,816	4,900	876	834	2,689	3,934	3,144	4,315	1
5,748	2,918	3,063	3,624	5,107	3,261	5,867	789	705	3,585	3,705	3,061	2,334	2
4,854	2,394	2,256	3,277	4,412	3,163	4,744	491	1,148	2,550	3,368	2,591	1,031	3
4,590	1,870	2,949	3,041	3,771	2,546	4,548	830	781	2,511	3,763	3,020	4,049	4
436	118	105	196	471	270	352	46	53	178	171	124	206	5
2,486	1,158	2,510	2,117	677	1,003	1,519	792	641	1,157	3,083	2,772	583	6
1	3	4	6	5	2	12	5	4	9	1	2	6	7
2,539	827	540	1,114	3,560	1,811	3,369	79	189	1,523	850	370	3,726	8
1	4	38	82	184	2	1	1	34	88	51	3	153	9
136	47	38	82	184	84	77	40	62	323	519	75	153	10
716	235	339	415	770	622	768	71	290	1,083	1,597	1,077	1,887	11
2,105	633	1,002	948	2,224	1,040	2,370	317	105	576	953	827	2,072	12
913	357	852	824	514	491	890	107	167	376	550	508	134	13
596	381	565	579	219	330	490	142	167	376	550	508	36	14
212	173	167	231	103	124	159	29	48	141	157	135	10	15
178	137	80	128	122	79	103	35	49	81	88	57	8	16
57	17	10	26	31	31	26	11	12	17	14	6	5	17
22	4	1	4	27	15	16	3	7	4	5	3	10	18
492,800	254,720	359,040	363,520	436,480	292,480	445,440	510,080	412,160	260,480	316,160	261,760	252,800	19
395,013	197,696	240,694	283,054	303,740	217,188	320,654	90,774	207,995	274,007	219,708	219,708	123,590	20
394,529	213,962	253,786	288,521	284,473	232,064	340,878	83,456	298,637	267,821	233,897	233,897	91,986	21
372,738	213,967	260,491	299,041	318,005	207,895	333,015	81,793	195,034	276,739	240,326	222,236	56,813	22
205,431	88,830	103,552	128,963	210,844	128,028	202,567	19,311	22,306	85,912	139,805	100,078	102,128	23
206,220	106,366	101,174	111,902	198,641	129,763	181,315	15,490	14,339	119,975	110,674	101,685	58,982	24
187,404	91,375	74,470	114,928	193,390	119,809	187,182	9,241	24,872	96,570	85,333	74,436	23,363	25
168,416	78,321	117,027	140,024	75,016	73,584	81,513	49,406	51,056	118,239	87,540	89,218	19,768	26
21,166	36,545	20,115	14,067	17,880	15,676	36,574	9,267	17,412	3,844	46,662	29,812	1,694	27
80.2	77.6	67.0	77.9	69.6	74.3	72.0	15.3	22.0	79.9	86.7	83.9	48.9	28
52.0	44.9	43.0	45.6	69.4	58.9	63.2	24.8	21.6	41.3	51.0	45.8	82.6	29
78.6	90.4	78.8	87.4	71.6	77.1	65.4	89.0	108.8	77.4	69.7	69.9	28.6	30
40.9	44.7	33.9	39.8	49.7	45.5	41.3	22.0	26.7	31.9	35.5	32.0	23.7	31
18,212,950	5,101,137	6,071,384	7,655,754	13,923,356	7,144,820	14,781,094	3,467,862	2,645,457	6,840,148	9,820,801	8,728,420	25,659,037	32
9,813,761	3,919,000	4,211,757	5,193,407	7,524,825	4,674,108	7,604,355	1,734,744	1,661,309	5,554,317	5,168,211	4,402,294	4,913,135	33
4,985,505	1,887,538	1,573,275	2,394,546	4,069,456	2,722,728	4,137,190	535,020	1,294,099	2,203,333	2,256,608	1,832,790	1,076,030	34
11,721,750	2,666,179	3,122,080	3,886,475	9,354,961	3,994,024	9,480,244	1,490,563	1,300,828	3,244,386	5,743,051	5,259,918	19,908,286	35
6,097,022	2,060,510	2,355,128	2,752,710	4,812,791	2,580,514	4,439,154	816,851	944,187	2,753,001	2,938,828	2,553,392	3,442,463	36
3,013,680	933,650	702,680	1,135,760	2,265,590	1,505,580	2,244,980	192,260	567,390	985,630	1,172,560	929,970	703,290	37
3,068,553	1,099,951	1,261,105	1,705,573	2,025,161	1,270,100	2,381,475	898,432	641,193	1,779,153	1,668,831	1,450,239	2,851,745	38
1,689,148	877,439	940,267	1,298,822	1,098,358	906,100	1,260,772	455,803	303,476	1,528,005	949,232	787,211	575,417	39
848,950	380,710	353,120	543,230	785,720	474,130	744,170	106,010	298,020	573,220	407,530	321,270	125,360	40
1,021,886	262,690	313,063	389,199	524,018	354,673	704,736	183,657	128,094	421,884	506,772	471,534	787,183	41
438,413	160,929	181,131	228,760	262,507	192,676	305,800	63,097	57,695	274,594	190,174	202,871	141,476	42
245,290	94,850	78,030	109,860	175,090	124,370	192,800	23,370	72,120	130,210	102,620	104,510	56,480	43
2,400,761	1,072,308	1,375,136	1,674,507	2,018,316	1,525,963	2,214,639	895,210	575,342	1,394,725	1,902,237	1,546,729	2,111,823	44
1,589,178	820,122	735,231	913,079	1,351,169	989,818	1,602,629	398,933	295,951	998,717	1,083,977	858,820	753,779	45
877,675	478,328	439,445	605,696	893,056	618,648	955,150	213,380	307,169	514,273	573,898	477,040	190,900	46
3,624	2,566	1,988	2,365	3,282	2,537	3,017	3,959	3,172	2,544	2,496	2,776	5,946	47
2,943	1,894	1,435	1,728	2,683	1,869	2,421	2,727	2,329	1,868	1,684	2,134	5,275	48
20.67	13.49	12.97	13.73	30.80	18.39	29.57	19.11	14.33	15.90	20.96	23.94	161.08	49
1,936	925	1,013	1,984	908	1,068	1,166	736	656	1,594	1,987	1,248	384	50
1,883	1,132	2,021	2,213	863	1,186	1,214	677	596	2,132	1,653	1,232	311	51
1,501	1,141	1,714	1,956	833	1,162	1,192	413	943	1,619	1,508	1,172	141	52
38.5	46.5	62.6	61.3	21.4	37.9	33.8	84.0	78.7	50.3	50.5	39.7	8.9	53
253,051	139,538	192,435	222,817	170,877	147,062	168,894	68,003	72,258	152,571	185,474	137,563	37,030	54
107,223	55,351	74,767	94,751	102,402	77,423	88,653	16,224	17,220	60,416	86,179	47,991	19,103	55
8,160,997	2,565,695	3,518,932	4,375,988	5,820,478	3,346,355	5,355,113	2,092,625	1,530,640	3,737,303	4,714,286	3,307,396	5,403,885	56
1,747	867	1,831	1,902	828	967	1,078	698	606	1,538	1,528	1,193	353	57
189	58	82	82	80	101	88	38	50	56	459	55	31	58
1,513	708	1,767	1,602	485	613	757	697	505	870	1,633	1,208	122	59
1	2	4	5	4	1	8	5	3	9	1	2	3	60
422	215	142	377	410	454	401	64	148	715	353	38	250	61
28	8	.....	7	21	5	19	2	5	5	4	2	8	62
8	1	.....	4	12	3	18	5	.....	5	5	1	9	63
17	8	.....	14	23	15	18	1	9	5	.....	4	64	64
5,994	3,382	.....	1,175	10,627	1,253	8,191	480	3,501	8,091	1,732	780	3,428	65
3,347	1,587	.....	164	7,644	848	5,439	160	464	1,595	775	640	2,014	66
420,130	55,500	.....	21,800	669,377	67,650	440,600	26,000	58,000	122,700	39,800	61,500	483,200	67
3,062	1,055	1,141	1,246	3,313	1,743	3,715	138	173	1,090	1,943	1,894	3,923	68
3,857	1,815	1,042	1,407	4,232	2,072	4,635	107	109	1,448	2,047	1,858	2,014	69
3,276	1,245	540	1,307	3,556	1,986	3,534	77	196	926	1,800	1,415	862	70
80.9	53.1	37.4	38.5	78.1	61.9	75.8	15.8	20.7	40.5	49.4	60.2	90.9	71
135,968	54,776	48,259	59,062	122,236	68,873	143,569	9,501	15,015	47,333	86,801	81,365	83,132	72
94,861	31,892	28,785	34,048	100,798	49,757	108,475	2,027	4,622	27,901	52,851	52,147	81,011	73
6,209,176	1,144,935	864,263	1,194,260	4,890,267	1,850,179	6,066,006	270,370	353,381	1,163,536	2,657,796	3,281,261	16,872,946	74
835	623	464	556	264	516	706	59	47	252	1,331	1,320	885	75
1,809	331	503	508	1,762	823	2,094	29	77	382	483	475	2,477	76
33	1	2	23	10	4	.....	.....	1	3	6	1	12	77
773	54	131	142	1,189	331	211	47	41	304	77	58	440	78
23	6	10	2	46	21	650	.....	.....	87	2	.....	109	79
59	40	31	15	42	48	44	3	7	62	44	40	.....	80
952	442	743	508	173	386	745	123	132	283	1,446	1,562	456	81
2,110	612	398	737	3,139	1,357	2,966	15	40	807	497	332	3,464	82
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² Part of Perry County taken to form Forrest County in 1908.

⁴ Part of Pike County taken to form part of Walthall County in 1914.

AGRICULTURE—MISSISSIPPI.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

		Rankin.	Scott.	Sharkey. ¹	Simpson.	Smith.	Stone. ²	Sunflower. ³	Tallahatchie.
ALL FARMS.									
1	Number of farms, 1920.....	3,231	2,248	3,142	2,522	2,695	570	9,668	6,495
2	1910.....	4,151	2,763	3,475	2,778	2,818	.....	5,001	5,160
3	1900.....	3,398	2,083	2,443	2,161	2,400	.....	2,705	3,289
4	All farmers classified by sex, 1920:								
5	Male.....	2,650	2,161	2,755	2,378	2,591	544	9,005	6,074
6	Female.....	272	87	387	144	104	26	663	421
7	Color and nativity of all farmers, 1920:								
8	Native white.....	1,459	1,530	300	1,662	2,342	422	1,486	1,381
9	Foreign-born white.....	8	2	3	1	.....	8	36	.....
10	Negro and other nonwhite.....	1,764	716	2,839	859	353	140	8,140	5,114
11	All farms classified by size, 1920:								
12	Under 3 acres.....	2	35	.....	3	.....	3	.....	.....
13	3 to 9 acres.....	98	1	207	40	28	35	367	121
14	10 to 19 acres.....	533	333	1,370	340	307	57	4,158	1,948
15	20 to 49 acres.....	1,174	715	1,407	970	868	205	4,744	3,441
16	50 to 99 acres.....	611	529	80	556	704	114	259	562
17	100 to 174 acres.....	444	393	36	399	534	97	60	217
18	175 to 259 acres.....	165	126	10	132	136	24	28	82
19	260 to 499 acres.....	131	90	11	61	96	20	25	69
20	500 to 999 acres.....	43	21	5	16	18	10	21	35
21	1,000 acres and over.....	25	5	1	2	3	5	6	17
LAND AND FARM AREA.									
22	Approximate land area, 1920.....	506,240	382,080	270,080	368,000	400,640	283,520	431,360	402,500
23	Land in farms, 1920.....	296,455	207,357	78,936	187,350	227,734	54,757	261,519	281,743
24	1910.....	364,858	215,121	107,088	195,217	238,914	.....	224,167	286,716
25	1900.....	350,501	236,061	80,362	222,040	270,831	.....	122,965	179,426
26	Improved land in farms, 1920.....	134,238	92,220	68,724	82,927	91,206	14,363	220,497	174,478
27	1910.....	166,837	85,624	82,673	82,818	84,072	.....	156,906	131,704
28	1900.....	130,856	70,043	61,115	74,281	75,602	.....	73,606	95,611
29	Woodland in farms, 1920.....	133,436	98,449	9,766	94,801	116,525	25,249	38,074	68,849
30	Other unimproved land in farms, 1920.....	28,781	16,888	446	0,622	20,003	15,145	2,948	48,416
31	Per cent of land area in farms, 1920.....	58.6	54.3	26.2	50.9	56.8	10.3	60.6	70.0
32	Per cent of farm land improved, 1920.....	45.3	44.5	87.1	44.3	40.0	20.2	84.3	61.9
33	Average acreage per farm, 1920.....	91.8	92.2	25.1	74.3	84.5	96.1	27.0	43.4
34	Average improved acreage per farm, 1920.....	41.5	41.0	21.9	32.0	33.8	25.2	22.8	26.0
VALUE OF FARM PROPERTY.									
35	All farm property, 1920.....	9,180,273	5,592,431	10,778,889	5,064,287	5,062,890	1,772,976	54,824,609	31,318,018
36	1910.....	6,070,778	3,159,266	7,102,579	3,226,169	3,782,249	.....	11,982,317	8,086,566
37	1900.....	2,524,506	1,378,907	3,227,376	1,504,823	1,570,581	.....	3,572,263	3,431,111
38	Land in farms, 1920.....	4,700,635	2,973,561	7,367,591	2,538,687	2,660,970	862,685	43,044,040	24,248,085
39	1910.....	3,251,114	1,683,507	4,771,701	1,592,183	2,023,363	.....	8,511,779	5,083,193
40	1900.....	1,252,800	599,310	2,222,100	770,750	749,490	.....	2,435,210	2,157,490
41	Farm buildings, 1920.....	1,628,914	1,116,530	1,048,455	936,222	1,118,375	381,622	6,133,178	3,230,589
42	1910.....	1,203,456	716,211	1,214,260	893,275	899,451	.....	1,424,323	1,225,840
43	1900.....	466,750	330,910	463,300	301,320	355,020	.....	477,530	531,410
44	Implements and machinery, 1920.....	552,008	258,003	409,683	309,255	293,202	85,330	1,438,019	891,080
45	1910.....	295,897	140,389	181,491	151,810	166,655	.....	407,025	278,998
46	1900.....	134,960	72,025	125,810	63,440	73,430	.....	108,610	117,560
47	Live stock on farms, 1920.....	2,006,716	1,244,277	1,853,210	1,230,123	1,209,343	453,330	4,208,740	2,943,204
48	1910.....	1,008,899	619,159	835,127	618,001	692,780	.....	1,609,190	1,493,525
49	1900.....	669,996	376,662	416,469	309,313	421,041	.....	550,913	624,651
50	Average values, 1920:								
51	All property per farm.....	2,843	2,488	3,431	2,008	2,101	3,110	5,671	4,822
52	Land and buildings per farm.....	2,051	1,819	2,870	1,378	1,514	2,165	5,087	4,231
53	Land alone per acre.....	15.86	14.34	63.84	13.55	13.00	15.57	104.50	86.06
FARMS OPERATED BY OWNERS.									
54	Number of farms, 1920.....	1,650	1,471	204	1,540	1,924	442	447	803
55	1910.....	1,954	1,515	252	1,581	1,879	.....	461	809
56	1900.....	1,647	1,384	175	1,389	1,794	.....	401	709
57	Per cent of all farms, 1920.....	51.1	66.4	6.5	71.4	77.5	.....	4.6	12.4
58	Land in farms, 1920.....	226,857	153,438	16,650	146,690	194,950	42,633	57,027	89,146
59	Improved land in farms, 1920.....	92,847	58,637	8,408	58,037	71,298	10,116	28,550	35,736
60	Value of land and buildings, 1920.....	4,929,321	3,030,198	1,801,774	2,605,139	3,486,495	900,557	9,073,268	4,910,717
61	Degree of ownership, 1920:								
62	Farmers owning entire farm.....	1,542	1,343	179	1,502	1,744	422	414	752
63	Farmers hiring additional land.....	108	128	25	47	180	20	33	51
64	Color and nativity of owners, 1920:								
65	Native white owners.....	1,080	1,130	86	1,206	1,783	334	248	550
66	Foreign-born white owners.....	8	2	2	1	.....	7	7	.....
67	Negro and other nonwhite owners.....	562	339	116	342	141	101	192	253
FARMS OPERATED BY MANAGERS.									
68	Number of farms, 1920.....	7	8	16	2	.....	.....	28	31
69	1910.....	21	1	22	8	1	7	26	30
70	1900.....	19	1	16	7	.....	.....	17	18
71	Land in farms, 1920.....	5,804	14,519	2,814	420	9	1,405	7,540	12,371
72	Improved land in farms, 1920.....	3,070	10,269	1,712	190	40	885	1,449	5,496
73	Value of land and buildings, 1920.....	225,330	340,800	202,700	55,000	1,500	80,000	832,000	1,439,920
FARMS OPERATED BY TENANTS.									
74	Number of farms, 1920.....	1,574	769	2,922	971	770	121	9,193	5,661
75	1910.....	2,176	1,252	3,201	1,189	939	.....	5,115	4,327
76	1900.....	1,732	997	1,852	705	802	.....	2,287	2,562
77	Per cent of all farms, 1920.....	48.7	54.2	38.5	38.5	28.6	21.2	95.1	87.2
78	Land in farms, 1920.....	63,994	36,490	59,572	41,240	32,685	10,810	190,952	180,227
79	Improved land in farms, 1920.....	38,321	18,464	58,604	24,080	19,808	3,362	190,480	133,246
80	Value of land and buildings, 1920.....	1,472,898	719,093	6,651,572	814,770	592,350	253,750	39,271,056	21,128,627
81	Form of tenancy, 1920:								
82	Share tenants.....	450	482	198	307	307	28	1,345	1,810
83	Croppers.....	800	217	1,743	533	354	21	5,871	3,416
84	Share-cash tenants.....	5	3	31	.....	1	1	202	.....
85	Cash tenants.....	264	51	359	65	84	29	1,731	346
86	Standing renters.....	55	4	578	30	3	.....	44	8
87	Unspecified.....	.....	12	8	36	21	42	.....	1
88	Color and nativity of tenants, 1920:								
89	Native white tenants.....	373	392	202	454	558	84	1,213	805
90	Foreign-born white tenants.....	.....	.....	2,719	.....	.....	37	29	.....
91	Negro and other nonwhite tenants.....	1,201	377	2,719	517	212	.....	7,951	4,856

¹ Part of Sharkey County taken to form part of Humphreys County in 1918.
² Stone County organized from part of Harrison County.

² Stone County organized from part of Harrison County in 1916.

^a Part of Sunflower County taken to form part of Humphreys County in 1918.

AGRICULTURE—MISSISSIPPI.

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WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

Tato.	Tippah.	Tishomingo.	Tunica.	Union.	Walthall. ⁴	Warren.	Washington. ⁵	Wayne.	Webster.	Wilkinson.	Winston.	Yalobusha.	Yazoo. ⁶
3,955 4,107 3,704	2,702 2,638 2,288	2,250 2,114 1,625	4,930 4,390 2,902	3,510 3,450 2,895	2,200	2,443 3,126 4,058	9,281 5,360 6,853	1,828 1,882 1,790	2,221 2,721 2,262	2,436 2,597 2,087	2,814 3,009 2,592	2,594 3,091 2,743	6,063 8,253 6,741
3,663 292	2,594 108	2,154 96	4,655 281	3,345 174	2,176 114	2,198 245	8,445 836	1,707 121	2,118 103	2,212 224	2,628 186	2,409 185	6,018 645
1,410 3 2,542	2,321 1 380	2,130 1 119	293 1 4,642	2,874 645	1,329 3 958	463 9 1,971	537 70 8,674	1,327 2 499	1,821 2 398	612 5 1,819	1,844 970	1,271 6 1,317	1,507 11 5,145
2 135 694 1,868 809	1 24 148 852 802	..... 43 240 675 651	..... 160 1,845 2,069 152	..... 43 341 1,472 1,004	..... 29 188 1,118 507	..... 161 281 853 163	..... 628 4,439 3,779 212	..... 31 165 611 381	..... 42 202 523 509	..... 72 459 1,202 282	..... 30 281 954 636	..... 23 270 1,057 477	..... 111 1,594 3,528 616
347 59 34 7	591 108 96 16	442 118 68 9	50 22 22 16	492 106 42 7	308 83 70 11	112 63 42 4	49 25 55 31	373 127 99 32	555 168 107 20	141 93 103 51	565 187 136 21	441 150 125 35	384 183 145 61
.....	4	4	10	.....	4	37	.....	9	.....	33	4	9	46
250,000 194,587 212,821 218,840	285,440 256,480 259,425 238,980	273,920 189,089 195,843 208,907	267,520 164,449 152,014 144,968	263,680 224,685 226,617 218,437	248,960 158,552	306,080 178,757 211,517 221,851	462,720 316,932 309,492 265,138	1,519,680 196,384 185,472 207,212	266,240 215,809 238,899 246,567	426,880 234,868 235,151 268,548	382,080 259,745 277,220 294,370	313,600 238,755 259,547 251,330	579,200 409,532 442,824 428,151
138,753 135,653 120,504 33,701 22,133	107,222 85,935 72,576 110,354 38,904	65,158 55,869 46,114 113,671 10,200	117,239 111,963 93,438 33,632 18,578	109,132 113,913 82,641 69,642 45,911	67,022 87,447 4,083	91,126 81,019 116,942 116,500 11,131	230,317 192,882 107,896 69,319 17,296	57,017 50,254 40,266 132,996 6,371	88,259 102,746 80,511 105,006 24,544	107,760 103,310 109,247 98,309 28,799	101,325 116,143 98,319 131,906 26,514	102,813 116,449 96,581 92,716 43,226	243,581 254,718 238,098 132,913 33,038
76.0 71.3 49.2 35.1	89.9 41.8 64.9 39.7	69.0 34.5 84.0 29.0	61.5 71.3 33.3 23.8	85.2 48.6 63.8 31.0	63.7 42.3 69.2 29.3	59.8 41.7 89.5 37.3	68.5 72.7 34.1 24.8	37.8 29.0 107.4 31.2	81.1 40.0 97.2 38.8	55.0 45.9 96.4 44.2	68.0 39.0 92.3 36.0	76.1 43.1 92.0 39.6	70.7 59.5 61.5 36.0
10,664,731 5,080,838 3,088,442	7,251,040 3,422,817 1,652,687	6,596,770 2,212,813 880,340	29,003,529 9,030,975 4,071,000	9,130,058 4,038,772 2,077,217	5,671,109	8,077,226 4,655,608 3,692,381	57,922,662 13,735,518 10,093,734	4,381,560 2,481,173 1,132,117	4,800,332 3,028,429 1,536,652	5,578,310 3,543,907 2,535,980	6,783,170 3,937,028 1,675,498	7,545,068 4,741,236 2,297,300	23,015,369 13,032,123 7,071,242
6,540,818 2,863,813 1,722,810 1,860,468 932,227 563,630	3,990,980 1,794,920 885,230 1,308,188 677,325 302,750	4,231,440 1,154,380 416,980 1,030,520 467,729 108,100	22,427,524 6,403,336 2,973,140 3,484,805 1,080,751 455,930	5,363,084 2,856,389 1,051,830 1,479,557 930,637 359,400	2,715,195 1,390,937	4,855,937 2,716,874 2,176,090 1,114,929 933,833 627,210	46,376,272 9,801,702 6,767,530 6,081,417 1,865,750 1,557,240	2,385,330 1,297,498 471,900 863,815 609,478 287,410	2,462,700 1,896,214 711,220 899,745 702,825 313,430	2,846,291 1,964,217 1,337,840 773,463 702,825 484,730	3,689,784 2,191,000 800,900 1,446,701 857,818 351,890	4,267,660 2,609,667 1,218,360 1,404,299 963,596 432,380	15,107,232 8,076,272 4,749,260 3,524,969 2,062,807 1,251,420
563,890 184,301 130,710 1,703,555 1,005,292	379,723 170,068 72,550 1,572,189 779,904 392,147	280,730 100,008 41,870 1,054,071 490,096 253,390	991,200 320,161 122,060 2,100,000 1,226,727 520,470	484,559 191,700 110,265 1,802,858 980,046 546,722	364,164 1,201,113	375,289 171,414 182,500 1,731,071 833,487 706,581	1,365,088 398,607 396,370 4,099,885 1,669,469 1,372,504	199,026 95,067 50,130 933,389 479,130 322,677	294,471 169,515 73,220 1,143,416 805,203 438,782	259,104 139,462 134,815 1,696,452 737,403 578,595	319,751 191,239 97,300 1,326,934 698,585 425,348	370,887 500,405 125,240 1,403,237 976,714 521,320	1,071,116 300,405 340,720 3,312,052 2,392,639 1,323,842
2,697 2,123 33.61	2,684 1,901 16.50	2,932 2,339 22.38	5,876 5,250 136.38	2,595 1,944 23.87	2,476 1,793 17.12	3,306 2,444 22.20	6,241 5,052 146.33	2,397 1,777 12.15	2,161 1,514 11.41	2,200 1,487 12.12	2,411 1,825 14.21	2,909 2,790 17.87	3,454 2,790 36.80
830 849 743 21.0 74,072 47,369 3,178,438	1,415 1,354 1,225 52.4 173,102 64,816 3,340,760	1,347 1,224 1,103 69.9 139,919 43,108 2,825,504	305 322 289 6.2 40,095 11,583 5,035,093	1,390 1,370 1,291 55.1 121,933 41,294 3,321,322	1,202 123,107 42,167 3,122,881	466 530 542 19.1 134,865 41,294 3,101,415	451 418 392 4.9 83,493 39,436 12,418,880	1,250 1,304 1,256 68.4 165,500 42,365 2,608,115	1,296 1,484 1,304 58.4 165,165 58,952 2,494,175	657 644 662 27.0 154,431 55,543 2,282,168	1,643 1,780 1,644 58.4 207,887 70,539 4,246,551	970 984 983 37.4 140,612 52,704 3,392,663	1,128 1,152 1,082 16.9 204,397 87,411 8,002,100
905 135 617 1 212	1,278 137 1,331 84	1,172 175 1,278 69	284 21 82 222	1,190 200 1,284 106	1,242 20 944 315	442 24 269 190	419 32 163 284	1,144 106 999 249	1,175 121 1,199 95	591 66 432 221	1,566 77 1,291 352	876 94 723 243	1,051 77 723 395
4 4 20 690 566 21,600	4 12 5 11,189 3,704 174,300	4 2 2 2,043 123 21,980	30 22 15 12,919 4,939 1,893,040	5 3 5 512 337 36,000	4 153 108 3,610	20 13 19 16,745 6,071 841,025	73 40 54 52,712 16,929 4,460,300	4 6 1 392 167 12,000	3 1 292 260 14,250	15 18 13 20,846 6,993 307,595	4 1 4 400 235 9,700	11 2 11 7,085 1,810 189,670	30 58 57 18,211 6,844 748,865
3,121 3,254 2,932 78.9 119,825 90,818 5,197,248	1,283 1,272 1,058 47.5 72,099 38,702 1,784,088	899 888 520 40.0 47,127 21,927 2,414,455	4,601 2,046 2,095 93.2 105,435 100,717 18,379,250	2,124 2,083 1,693 60.4 102,240 57,608 3,485,819	1,024 44.7 35,292 24,747 979,341	1,957 2,583 3,497 30.1 67,147 43,761 2,028,426	8,757 7,893 6,407 94.4 180,757 173,952 35,678,509	574 572 533 31.4 30,402 14,055 629,030	922 1,237 897 41.5 50,352 27,047 854,020	1,764 1,935 2,012 72.4 59,591 45,224 1,032,991	1,167 1,228 944 41.5 51,458 30,551 880,234	1,613 2,105 1,749 82.2 85,058 48,299 2,179,626	5,505 7,043 5,003 82.6 180,924 140,326 9,881,236
732 1,530 19 350 466 24	871 282 4 84 5 37	665 140 48 2 44	1,112 2,380 612 444 53 46	1,318 509 10 168 5 55	321 509 1 135 3 100	383 475 89 568 342 100	1,795 5,364 317 1,131 15 3	119 289 8 143 4 45	555 273 395 58 45	605 696 137 3 40	451 536 152 42 42	677 696 152 42 42	939 2,181 17 2,009 355 4
789 2 2,330	987 1 295	848 1 50	191 4,410	1,585 539	382 642	178 1 1,778	312 66 8,379	324 250	619 303	167 1,596	550 617	542 1,069	761 1 4,743

⁴ Walthall County organized from parts of Pike and Marion Counties in 1914.
⁵ Part of Washington County taken to form part of Humphreys County in 1918.
⁶ Part of Yazoo County taken to form part of Humphreys County in 1918.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES.

		THE STATE.	Adams.	Alcorn.	Amite.	Attala.	Denton.	Bolivar.
DOMESTIC ANIMALS: 1920.								
1	Farms reporting domestic animals.....	number..	248,810	1,597	2,794	2,946	3,807	1,816
2	Value of all domestic animals.....	dollars..	128,263,062	1,237,458	1,269,413	1,709,732	1,972,096	872,521
3	Horses:							
4	Total number.....		214,852	2,767	2,085	3,019	3,530	1,765
5	Colts under 1 year of age.....		12,514	231	102	179	188	96
6	Colts 1 year old and under 2 years.....		10,117	248	114	175	185	82
7	Mares 2 years old and over.....		100,221	1,374	971	1,845	1,793	959
8	Geldings 2 years old and over.....		89,083	889	889	1,389	1,309	613
9	Stallions 2 years old and over.....		2,317	25	0	31	15	15
10	Total value.....	dollars..	22,921,065	245,535	225,948	309,469	350,881	181,410
11	Mules:							
12	Total number.....		308,216	1,446	4,106	2,974	4,244	2,656
13	Mule colts under 1 year of age.....		10,052	33	211	280	280	147
14	Mule colts 1 year old and under 2 years.....		9,193	55	173	128	202	133
15	Mules 2 years old and over.....		288,971	1,358	3,722	2,765	3,762	2,376
16	Total value.....	dollars..	49,298,584	187,972	598,739	439,395	711,773	326,680
17	Asses and burros:							
18	Total number.....		1,301	19	22	15	12	13
19	Total value.....	dollars..	220,093	1,172	4,275	1,760	1,830	1,905
20	Cattle:							
21	Total number.....		1,250,479	10,554	9,415	24,597	23,472	8,688
22	Total value.....	dollars..	39,950,140	687,278	311,792	705,032	692,863	249,979
23	Beef cattle—							
24	Total number.....		461,241	12,737	1,128	12,917	1,700	1,662
25	Calves under 1 year of age.....		110,197	2,311	445	3,199	296	545
26	Heifers 1 year old and under 2 years.....		57,063	1,329	243	1,543	163	212
27	Cows and heifers 2 years old and over.....		204,619	7,161	240	6,043	448	666
28	Steers 1 year old and under 2 years.....		39,628	777	118	1,002	268	132
29	Steers 2 years old and over.....		39,625	932	74	896	496	56
30	Bulls 1 year old and over.....		10,109	227	8	234	38	51
31	Total value.....	dollars..	13,759,205	543,725	24,454	363,955	50,539	44,962
32	Dairy cattle—							
33	Total number.....		789,238	3,817	8,287	11,680	21,663	7,026
34	Calves under 1 year of age.....		241,116	1,175	2,400	3,289	6,477	2,186
35	Heifers 1 year old and under 2 years.....		102,868	416	891	1,474	3,118	932
36	Cows and heifers 2 years old and over.....		427,409	2,157	4,758	6,751	11,632	3,654
37	Bulls 1 year old and over.....		17,848	69	148	106	636	254
38	Total value.....	dollars..	26,190,875	143,553	287,338	341,077	642,424	205,027
39	Sheep:							
40	Total number.....		164,440	1,350	311	1,700	380	452
41	Lambs under 1 year of age.....		31,534	252	36	322	58	73
42	Ewes 1 year old and over.....		99,816	1,032	256	1,118	264	310
43	Rams 1 year old and over.....		12,163	45	16	184	50	68
44	Wethers 1 year old and over.....		20,927	21	3	76	8	11
45	Total value.....	dollars..	877,705	8,929	1,733	8,293	1,847	2,666
46	Goats:							
47	Total number.....		113,277	1,081	175	1,693	708	419
48	Total value.....	dollars..	291,225	2,523	598	3,078	2,084	1,571
49	Swine:							
50	Total number.....		1,373,311	10,059	10,403	18,802	18,287	9,779
51	Pigs under 6 months old.....		595,886	2,822	5,705	6,096	8,635	3,776
52	Sows and gilts for breeding, 6 months old and over.....		217,818	2,682	1,427	2,818	2,320	1,376
53	Boars for breeding, 6 months old and over.....		15,879	196	68	186	174	104
54	All other hogs, 6 months old and over.....		543,728	4,359	3,173	7,702	7,158	4,523
55	Total value.....	dollars..	14,703,650	104,049	126,328	182,105	204,818	108,310
POULTRY AND BEES: 1920.								
56	Chickens.	number..	6,342,204	31,622	101,951	78,820	113,877	48,945
57	Other poultry.	number..	356,642	2,168	3,462	3,504	4,576	2,023
58	Value of all poultry.....	dollars..	6,406,450	37,595	96,307	76,997	105,884	46,424
59	Bees.	number of hives..	82,770	227	1,125	1,846	1,826	1,002
60	Total value.....	dollars..	245,309	1,728	3,384	4,307	4,006	3,509
LIVE-STOCK PRODUCTS: 1919.								
61	Dairy products:							
62	Milk produced (as reported).....	gallons..	74,747,732	378,197	1,301,938	810,032	2,396,412	735,368
63	Milk sold.....	gallons..	4,093,806	101,614	44,973	88,683	20,620	21,796
64	Cream sold.....	gallons..	394,583	2,330	75	6,491	30,117	95
65	Butter fat sold.....	pounds..	1,864,593	2,552	2,044	17,332	148,910	33,909
66	Butter made on farms.....	pounds..	20,758,736	45,430	471,919	198,005	553,380	214,682
67	Butter sold.....	pounds..	1,871,075	25,433	63,631	26,569	25,984	17,710
68	Cheese made on farms.....	pounds..	2,783	149			105	
69	Value of dairy products.....	dollars..	11,772,201	69,474	248,918	151,798	333,592	104,804
70	Receipts from sale of dairy products.....	dollars..	3,827,653	58,925	44,793	69,177	133,021	31,920
71	Average production of milk per dairy cow.....	gallons..	185	157	287	107	222	204
72	Eggs and chickens:							
73	Eggs produced (as reported).....	dozens..	22,012,341	77,918	427,688	264,005	528,270	176,300
74	Eggs sold.....	dozens..	9,283,328	34,266	232,993	124,782	272,514	70,285
75	Chickens raised (as reported).....	number..	7,584,972	32,851	134,610	87,944	124,389	63,992
76	Chickens sold.....	number..	1,501,912	12,047	33,049	15,522	20,732	13,190
77	Value of chickens and eggs produced.....	dollars..	13,113,585	59,617	250,734	151,534	234,360	100,115
78	Receipts from sale of chickens and eggs.....	dollars..	4,359,455	24,429	114,202	54,290	98,634	32,419
79	Honey and wax:							
80	Honey produced.....	pounds..	731,630	6,854	11,035	11,544	12,049	7,384
81	Wax produced.....	pounds..	20,819	217	250	334	708	140
82	Value of honey and wax.....	dollars..	167,834	1,680	2,511	2,650	2,885	1,670
83	Wool:							
84	Sheep shorn.....	number..	126,208	1,174	248	1,190	285	308
85	Wool produced (as reported).....	pounds..	426,432	5,121	894	4,824	1,307	1,062
86	Value.....	dollars..	220,661	2,183	437	1,652	546	641

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1	Inclousures reporting domestic animals.....	35,573	366	494	212	451	67	440
2	Horses, total number.	15,657	421	239	70	187	57	240
3	Mules, total number.	14,362	222	166	44	217	69	625
4	Asses and burros, total number.	181	4	2		1	2	10
5	Cattle, total number.	70,103	632	748	457	1,146	155	592
6	Dairy cows.....	32,668	360	459	215	570	73	364
7	Sheep, total number.	1,715	18	12				16
8	Goats, total number.	3,372	23	5				6
9	Swine, total number.	70,826	1,177	798	410	619	141	568

AGRICULTURE—MISSISSIPPI.

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1920; AND LIVE-STOCK PRODUCTS, 1919.

Calhoun.	Carroll.	Chickasaw.	Choctaw.	Claiborne.	Clarke.	Clay.	Coahoma.	Copiah.	Covington.	De Soto.	Forrest.	Franklin.	
3,147	3,801	2,890	2,089	2,057	2,108	2,567	6,301	4,087	2,036	4,479	981	2,095	1
1,564,299	1,849,826	1,517,379	901,550	1,835,310	1,007,898	1,500,903	3,092,114	2,484,705	958,775	2,286,336	679,893	1,124,097	2
2,542	3,598	3,066	1,917	3,734	2,002	2,539	1,967	4,323	1,591	4,525	1,080	2,427	3
131	288	196	89	311	178	122	40	250	84	304	35	175	4
91	189	139	64	314	101	101	43	243	54	268	50	129	5
1,289	1,592	1,526	1,027	1,718	764	1,452	345	1,935	689	2,320	449	1,215	6
1,017	1,487	1,164	729	1,360	940	847	1,514	1,856	745	1,596	543	887	7
14	42	41	8	31	19	17	25	30	19	37	3	21	8
275,202	385,365	309,691	190,469	416,065	205,873	276,390	274,045	432,118	174,866	464,333	118,472	227,508	9
5,026	4,782	4,309	2,579	2,279	1,534	4,225	8,405	5,265	1,964	5,771	596	1,791	10
305	208	284	195	68	31	161	14	166	53	226	20	60	11
197	141	220	160	91	30	111	39	246	45	198	23	83	12
4,524	4,433	3,805	2,224	2,120	1,473	3,953	8,352	4,853	1,866	5,349	553	1,648	13
668,198	650,310	520,800	320,589	351,029	190,099	547,262	2,021,395	733,666	286,684	897,522	93,792	258,886	14
22	15	27	4	5	73	24	7	16	10	18	4	18	15
3,510	3,430	5,013	1,075	1,550	8,458	3,680	1,500	3,065	1,540	2,541	800	2,640	16
13,806	22,301	16,573	9,819	24,885	13,952	15,474	7,937	31,347	11,763	17,940	9,242	15,110	17
386,491	586,707	465,255	284,680	843,677	419,931	499,251	427,021	1,104,635	327,100	684,127	343,418	448,477	18
2,313	4,090	4,766	1,200	20,408	6,900	5,119	1,683	16,533	4,858	3,273	4,406	7,673	19
674	823	1,343	379	4,529	1,796	1,216	346	3,889	1,094	1,141	1,102	1,857	20
436	458	637	157	2,008	1,035	590	232	2,305	456	397	493	831	21
916	1,819	1,950	518	9,943	2,977	1,974	913	7,633	2,362	1,247	1,037	3,562	22
186	373	384	117	1,395	504	673	106	1,230	388	258	415	592	23
47	482	367	70	1,514	490	550	68	1,055	423	105	368	582	24
54	135	85	49	419	107	116	18	421	135	125	91	249	25
64,097	113,741	133,720	38,746	677,789	188,290	175,480	71,345	549,702	124,823	118,314	135,178	227,660	26
11,493	18,211	11,807	8,529	4,477	7,043	10,355	6,254	14,814	6,905	14,667	4,836	7,437	27
3,920	5,510	3,833	2,751	1,323	1,915	3,223	1,558	4,719	2,230	4,445	1,476	2,411	28
1,402	2,456	1,444	1,225	534	1,107	1,280	770	1,735	1,179	1,817	689	904	29
5,705	9,952	6,299	4,276	2,543	3,926	5,677	3,880	8,091	3,397	8,130	2,603	4,009	30
397	293	231	277	77	95	175	46	269	99	275	68	113	31
322,394	472,966	331,535	245,934	165,888	231,641	323,771	355,676	554,933	202,277	565,813	208,240	220,817	32
1,098	157	503	482	1,517	1,003	453	122	930	608	261	5,249	1,360	33
295	22	110	116	268	136	96	30	310	110	46	1,286	316	34
657	94	320	320	1,157	682	336	77	522	316	191	2,555	880	35
126	18	45	42	75	70	18	10	94	65	24	452	118	36
21	23	28	4	17	135	3	5	4	117	-----	956	46	37
5,314	850	4,237	2,857	11,483	5,783	4,859	1,028	6,881	2,314	2,223	24,308	6,872	38
1,140	486	600	219	5,980	3,348	819	103	2,048	2,218	88	1,878	2,916	39
2,795	1,596	1,633	485	10,462	8,518	2,503	326	4,733	4,531	471	4,565	6,806	40
20,714	23,226	20,056	8,025	18,300	10,736	10,607	21,251	18,565	16,816	20,803	8,602	18,418	41
9,022	9,520	9,104	3,775	5,956	8,909	7,787	8,020	6,556	7,825	9,689	4,072	6,915	42
2,129	2,874	2,818	839	4,363	3,056	2,443	2,966	3,048	3,249	3,077	1,568	2,904	43
107	197	204	83	330	172	193	366	279	184	244	89	212	44
8,856	10,629	7,870	3,328	7,651	4,899	6,184	9,869	8,682	5,558	7,793	2,873	8,327	45
222,789	221,568	210,000	92,395	195,044	169,236	160,958	365,896	199,007	161,740	235,119	94,538	172,908	46
107,171	100,976	87,088	61,476	47,827	56,781	71,552	128,866	97,511	50,412	107,204	26,947	55,723	47
5,477	4,424	9,383	3,028	4,551	2,311	7,422	5,508	3,879	2,235	7,124	822	2,902	48
113,683	99,248	98,514	60,433	49,180	50,745	77,418	166,948	93,952	52,238	123,529	28,779	53,979	49
1,884	600	877	1,890	435	1,831	866	4	1,219	1,561	131	920	1,162	50
4,693	1,237	2,745	3,130	2,925	3,930	3,155	35	3,086	3,927	802	2,165	3,142	51
1,078,285	1,526,510	1,131,816	925,793	505,797	752,038	760,513	532,209	1,593,592	630,771	1,534,107	442,402	678,551	52
4,362	10,125	7,667	19,372	43,736	23,978	33,348	41,165	168,697	29,965	338,573	100,050	14,770	53
1,202	13,272	5,570	4,943	4,940	3,780	15,058	-----	6,306	3,068	-----	283	225	54
2,662	70,325	38,262	3,119	7,070	20,456	37,161	968	102,997	11,762	1,050	2,892	1,424	55
389,231	377,130	359,592	323,946	114,895	211,738	242,249	158,491	295,502	172,275	385,862	96,818	141,227	56
12,390	36,048	12,046	22,316	13,723	25,097	10,195	8,300	27,573	13,593	64,757	23,578	10,883	57
194,788	220,145	172,267	144,245	83,047	113,560	158,175	91,350	275,426	103,606	295,742	95,767	65,094	58
10,114	73,609	32,604	20,605	32,510	31,454	58,723	17,773	144,093	25,847	145,043	57,732	9,089	59
200	173	232	212	136	148	148	250	198	144	200	176	126	61
414,784	400,243	313,537	244,841	138,155	221,140	242,808	204,873	268,428	169,118	355,256	107,718	192,481	62
274,970	157,732	147,475	140,484	46,057	102,880	107,778	29,500	92,412	59,150	86,945	45,188	104,190	63
128,217	110,013	107,109	76,328	65,828	55,361	98,524	142,926	113,712	59,324	159,361	29,442	43,867	64
43,439	23,203	25,093	26,253	13,287	13,369	17,804	10,621	20,471	16,267	16,756	7,810	11,477	65
219,642	227,385	107,577	134,703	83,067	122,758	146,983	188,573	183,968	105,287	265,774	72,709	92,301	66
121,040	76,103	65,269	63,536	23,558	48,039	50,040	20,654	51,103	33,753	50,470	27,110	40,887	67
19,497	2,828	9,224	9,525	4,903	13,553	5,802	38	7,989	15,411	889	5,951	7,974	68
388	129	217	601	252	604	342	-----	227	543	35	1,870	2,225	69
4,417	665	2,101	2,294	1,162	3,181	1,389	8	1,833	3,569	208	1,370	1,828	70
951	123	303	410	1,119	784	256	42	516	403	68	4,233	837	71
2,170	763	1,115	1,659	4,867	2,052	1,269	165	1,994	1,175	308	12,419	3,981	72
1,301	320	660	896	1,821	815	635	94	762	781	158	7,619	1,526	73

NOT ON FARMS OR RANGES: 1920.

208	103	391	141	217	568	445	286	717	405	97	1,052	236	1
114	75	152	100	153	216	144	138	266	85	53	353	169	2
134	73	155	81	74	190	106	749	163	136	54	103	116	3
1	1	-----	3	-----	-----	11	3	6	1	6	-----	1	4
299	555	1,043	299	370	1,306	648	410	1,506	881	476	1,743	903	5
226	182	492	161	168	632	364	284	719	339	170	986	356	6
6	34	-----	-----	-----	-----	1	-----	-----	-----	-----	1	-----	7
2	2	-----	-----	-----	6	40	5	6	-----	-----	34	13	8
505	325	542	194	380	977	949	64	1,089	1,318	218	1,971	867	9

AGRICULTURE—MISSISSIPPI.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

		George.	Greene.	Grenada.	Hancock.	Harrison.	Hinds.	Holmes.	Humphreys.
DOMESTIC ANIMALS: 1920.									
1	Farms reporting domestic animals.....	598	594	1,781	247	702	5,340	5,778	3,868
2	Value of all domestic animals.....	454,458	466,264	1,016,650	259,892	495,008	3,007,557	2,750,819	1,466,054
Horses:									
3	Total number.....	742	547	1,865	300	691	0,065	4,490	1,233
4	Colts under 1 year of age.....	33	16	104	16	15	408	253	38
5	Colts 1 year old and under 2 years.....	14	10	127	11	16	410	195	15
6	Mares 2 years old and over.....	295	233	827	181	175	3,600	2,392	453
7	Geldings 2 years old and over.....	388	280	788	138	481	2,442	1,506	718
8	Stallions 2 years old and over.....	12	8	19	4	4	45	54	23
9	Total value.....	72,287	52,100	210,921	25,857	60,090	779,199	531,954	187,742
Mules:									
10	Total number.....	419	448	2,580	125	307	0,306	7,006	4,291
11	Mule colts under 1 year of age.....	11	1	117	8	1	183	148	19
12	Mule colts 1 year old and under 2 years.....	3	3	97	3	13	224	167	13
13	Mules 2 years old and over.....	405	444	2,366	114	283	5,989	6,691	4,259
14	Total value.....	64,978	69,547	352,521	15,895	30,325	906,886	1,119,405	938,605
Asses and burros:									
15	Total number.....	2	1	1	1	1	17	19	1
16	Total value.....	200	200	200	5	5	5,685	4,650	250
Cattle:									
17	Total number.....	8,530	8,738	8,813	6,502	7,797	40,458	25,585	5,022
18	Total value.....	199,338	229,204	289,952	184,606	247,020	1,505,420	781,033	221,908
Beef cattle:									
19	Total number.....	8,055	8,186	2,208	6,408	4,330	28,038	8,211	982
20	Calves under 1 year of age.....	1,813	1,917	423	1,821	631	0,469	2,089	282
21	Heifers 1 year old and under 2 years.....	707	895	543	604	734	3,770	721	125
22	Cows and heifers 2 years old and over.....	4,491	3,873	767	3,472	1,000	12,855	3,880	458
23	Steers 1 year old and under 2 years.....	450	570	249	281	483	2,520	446	27
24	Steers 2 years old and over.....	461	755	173	453	489	1,870	310	61
25	Bulls 1 year old and over.....	127	176	53	217	87	548	165	29
26	Total value.....	185,130	211,471	84,796	160,432	120,107	935,312	244,331	44,396
Dairy cattle:									
27	Total number.....	475	552	6,605	94	3,467	18,420	17,374	4,040
28	Calves under 1 year of age.....	120	125	2,287	21	690	5,043	5,084	1,462
29	Heifers 1 year old and under 2 years.....	154	43	803	15	502	2,043	2,194	303
30	Cows and heifers 2 years old and over.....	199	377	3,388	58	2,117	10,357	9,657	2,125
31	Bulls 1 year old and over.....	2	7	120	2	98	377	439	60
32	Total value.....	14,200	17,733	205,156	4,074	120,922	660,108	536,702	177,512
Sheep:									
33	Total number.....	3,614	9,854	203	5,718	12,461	1,734	774	18
34	Lambs under 1 year of age.....	762	2,219	45	1,378	1,102	289	220	8
35	Ewes 1 year old and over.....	2,314	5,346	144	3,361	8,778	1,304	482	8
36	Rams 1 year old and over.....	186	1,034	14	570	336	88	40	2
37	Wethers 1 year old and over.....	652	1,255	400	1,645	53	14	14	123
38	Total value.....	16,035	45,401	1,433	23,747	64,034	14,617	4,714	123
Goats:									
39	Total number.....	1,816	1,232	610	1,175	2,031	2,370	748	206
40	Total value.....	2,866	2,413	2,214	2,128	5,936	6,166	2,201	721
Swine:									
41	Total number.....	10,082	8,462	13,397	3,931	7,099	20,100	30,540	9,412
42	Pigs under 6 months old.....	4,231	4,078	5,284	2,038	3,280	10,368	14,040	3,411
43	Sows and gilts for breeding, 6 months old and over.....	1,823	1,824	2,037	971	1,719	5,218	5,074	1,190
44	Bears for breeding, 6 months old and over.....	119	133	99	64	121	369	411	111
45	All other hogs, 6 months old and over.....	3,909	2,427	5,997	858	1,070	13,115	10,415	4,700
46	Total value.....	98,756	67,599	159,400	27,789	72,589	290,584	306,862	106,690
POULTRY AND BEES: 1920.									
47	Chickens.....	17,143	17,628	44,602	7,060	23,427	125,160	113,739	49,592
48	Other poultry.....	704	943	3,335	968	562	7,896	11,098	3,562
49	Value of all poultry.....	17,197	17,449	46,749	8,737	27,314	131,307	129,650	69,333
50	Bees.....	738	1,083	396	336	454	385	583	5
51	Total value.....	2,625	3,565	1,796	1,361	2,241	1,422	1,591	25
LIVE-STOCK PRODUCTS: 1919.									
Dairy products:									
52	Milk produced (as reported).....	92,783	91,179	471,601	30,475	218,171	3,296,263	1,573,561	532,020
53	Milk sold.....	3,702	2,219	9,885	2,386	109,428	241,173	57,862	5,214
54	Cream sold.....	63	33	754	.....	3,025	12,445	12,445	125
55	Butter fat sold.....	11,323	6,937	74,873	1,508	20,394	10,395	114,409	90,968
56	Butter made on farms.....	996	1,132	5,244	321	8,857	298,070	400,493	90,968
57	Butter sold.....	.....	35	.....	.....	.....	33,347	24,761	2,272
58	Cheese made on farms.....	6,623	3,984	40,251	1,845	72,494	140	288,345	61,661
59	Value of dairy products.....	1,459	1,125	7,533	1,232	61,044	209,787	105,295	2,882
60	Receipts from sale of dairy products.....	122	118	152	185	135	137,373	105,295	278
61	Average production of milk per dairy cow.....	.....	.....	.....	.....	.....	128	145	.....
Eggs and chickens:									
62	Eggs produced (as reported).....	63,272	50,227	149,958	24,363	88,384	366,723	387,045	280,841
63	Eggs sold.....	26,455	22,057	55,688	13,378	44,536	108,479	104,994	17,314
64	Chickens raised (as reported).....	16,527	14,815	59,385	3,168	20,487	155,757	194,087	59,320
65	Chickens sold.....	6,071	6,227	8,134	3,414	11,119	25,004	15,090	4,307
66	Value of chickens and eggs produced.....	36,052	29,688	86,899	10,597	61,876	259,939	259,659	139,047
67	Receipts from sale of chickens and eggs.....	14,819	12,818	23,423	8,420	31,854	62,111	47,709	9,405
Honey and wax:									
68	Honey produced.....	8,032	7,806	3,581	4,461	6,177	2,316	2,054	.....
69	Wax produced.....	383	288	68	161	320	108	119	.....
70	Value of honey and wax.....	1,893	1,812	810	1,034	1,467	546	689	.....
Wool:									
71	Sheep shorn.....	2,784	8,089	129	5,674	10,962	1,160	576	18
72	Wool produced (as reported).....	7,318	24,396	583	17,028	40,352	5,703	3,127	100
73	Value.....	4,356	13,822	311	9,917	21,800	2,262	1,166	50

* Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1	Inclosures reporting domestic animals.....	53	187	16	919	1,936	1,904	176	212
2	Horses, total number.....	13	104	34	479	526	634	228	72
3	Mules, total number.....	8	93	43	150	210	274	293	120
4	Asses and burros, total number.....	.....	.....	.....	2	.....	1	3	2
5	Cattle, total number.....	133	704	54	3,421	2,866	2,418	557	328
6	Dairy cows.....	56	114	6	1,078	1,348	1,339	196	176
7	Sheep, total number.....	.....	9	.....	468	111	1	.....	1
8	Goats, total number.....	.....	45	.....	963	300	15	.....	2
9	Swine, total number.....	111	738	96	4,353	4,081	2,803	330	488

AGRICULTURE—MISSISSIPPI.

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1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

Issaquena.	Itawamba.	Jackson.	Jasper.	Jefferson.	Jefferson Davis.	Jones.	Kemper.	Lafayette.	Lamar.	Lauderdale.	Lawrence.	Leake.	
1,710 824,769	2,984 1,188,737	659 477,761	2,685 1,429,936	2,778 1,582,932	2,153 915,107	2,603 1,419,936	3,189 1,373,721	3,320 1,564,962	925 613,815	2,893 1,470,905	1,808 828,444	3,332 1,268,985	1
1,527 131 102 768 463 63 165,225	2,014 58 55 956 934 11 194,602	766 50 13 283 401 9 59,205	2,606 180 115 1,370 918 23 271,565	4,262 304 314 1,930 1,684 30 382,311	1,570 64 52 652 789 13 170,070	2,169 100 92 889 1,066 22 216,973	2,668 175 154 1,568 741 30 242,764	3,084 174 127 1,467 1,290 26 301,116	991 10 27 483 801 2 104,151	2,176 145 79 995 801 66 209,471	1,708 82 98 784 727 17 167,583	2,955 144 15 1,170 1,458 10 284,287	3
2,061 25 18 2,018 405,616	4,197 195 142 3,890 533,118	284 2 8 274 37,235	2,803 189 135 2,479 360,581	2,687 146 109 2,432 344,629	2,367 60 37 2,270 341,623	2,702 60 68 2,555 334,815	3,711 129 97 3,485 465,396	4,758 259 207 4,292 571,669	687 17 19 651 100,441	2,939 49 55 2,835 380,318	1,834 40 56 1,738 264,130	3,113 98 126 2,889 384,750	10
1 55	12 1,455	-----	16 3,325	18 3,320	3 900	10 1,830	10 2,125	19 3,362	-----	11 1,850	12 1,820	13 1,520	15
3,694 163,172	12,372 296,054	8,657 254,224	19,702 572,503	22,361 658,476	10,409 288,658	18,959 609,535	18,596 482,202	16,928 450,226	9,577 294,248	18,908 655,918	10,030 277,645	18,123 451,775	17
1,009 274 107 340 145 111 23 37,144	693 337 46 1,610 430 31 9,946	7,437 1,610 550 4,201 765 555 91 195,162	7,677 2,265 1,020 2,950 765 441 236 205,730	14,655 3,299 1,522 7,561 986 995 292 442,023	4,177 1,051 485 1,683 416 419 123 102,272	6,187 1,302 680 2,188 948 912 151 178,606	6,178 1,489 721 2,906 365 581 116 154,829	4,456 1,277 679 1,856 279 171 194 107,486	5,415 1,510 910 2,504 407 278 129 130,853	3,751 910 469 1,133 577 588 74 114,532	1,981 549 237 402 418 328 49 44,014	3,517 773 20 1,080 665 549 63 72,748	19
2,685 828 297 1,474 86 126,028	11,679 3,749 1,591 5,901 438 286,108	1,220 347 172 673 28 59,062	12,025 3,619 1,429 6,770 207 366,773	7,706 2,443 843 4,285 135 216,453	6,232 2,104 935 3,135 58 166,386	12,772 3,934 1,891 6,695 252 430,929	12,418 3,885 1,548 6,574 411 327,373	12,472 3,840 1,729 6,597 306 348,740	4,162 992 585 2,512 73 163,395	15,157 4,253 2,315 8,109 480 541,385	8,049 2,233 1,113 4,578 125 233,631	14,606 4,931 1,776 7,551 348 370,027	27
96 23 54 4 15 907	441 66 279 65 31 1,977	13,450 3,066 7,583 370 2,431 55,149	161 14 115 12 20 780	1,798 332 1,350 90 26 12,953	1,509 300 826 153 230 5,857	5,635 1,052 3,988 186 400 26,188	484 33 407 32 12 2,711	395 104 221 45 25 2,658	4,493 705 284 427 518 19,899	99 20 65 13 41 656	752 136 484 91 41 3,251	336 59 218 40 19 1,578	33
414 1,085	118 299	1,297 2,259	1,615 3,109	3,795 10,293	2,691 5,051	2,337 5,246	880 1,981	1,277 3,036	636 1,346	1,871 13,824	2,329 4,607	405 898	39
7,688 2,730 2,533 243 2,182 88,809	15,220 6,305 1,031 115 7,109 159,232	7,369 3,478 1,472 106 2,313 99,089	18,830 6,964 2,950 207 8,709 218,013	19,028 4,586 4,292 230 9,920 170,950	14,858 0,331 2,736 141 5,605 122,948	22,554 10,582 4,421 204 7,347 225,349	18,338 7,458 2,674 254 7,952 170,542	22,260 10,141 2,362 171 9,586 226,895	9,354 4,169 1,902 125 3,098 87,730	14,563 6,389 2,198 211 5,705 202,868	12,963 5,410 2,199 111 5,234 109,408	14,030 5,752 1,594 98 6,586 144,182	41
30,338 2,971 30,173 47	108,841 5,045 82,282 1,949 4,122	21,181 594 24,210 676 2,370	75,680 4,051 78,612 1,852 5,295	68,103 2,179 68,309 526 1,623	49,329 2,901 47,198 850 1,949	71,158 2,651 73,826 2,855 8,156	84,928 5,597 77,827 1,134 2,212	100,294 3,399 99,311 1,234 2,575	24,404 1,138 23,977 919 2,440	77,000 2,077 79,809 1,188 2,870	47,365 3,449 44,281 1,308 2,407	89,725 3,671 84,208 1,050 2,052	47
200,276 4,049 11 309 39,505 3,958 26 17,460 2,876 163	1,005,057 5,845 ----- 9,417 459,192 15,672 ----- 139,065 10,434 196	189,700 53,298 ----- 95 12,704 4,118 ----- 33,113 28,804 221	1,120,541 19,759 10,842 8,450 272,109 15,523 6 134,413 39,487 146	394,136 4,737 1,320 6,933 105,898 5,774 ----- 39,412 8,119 104	405,601 4,715 1,320 5,336 105,898 8,295 ----- 54,529 9,370 142	1,082,874 150,407 6,416 3,762 344,199 61,005 ----- 233,514 93,455 156	1,036,275 12,092 16,894 60,336 316,447 31,632 ----- 213,418 96,686 161	1,448,142 24,823 7,578 20,397 422,917 35,554 ----- 107,681 42,808 234	532,685 145,002 ----- 8,874 00,993 11,402 170 ----- 93,856 71,410 185	1,253,382 141,801 ----- 45,372 407,987 95,682 ----- 289,005 149,750 178	568,583 17,790 50 14,438 153,370 7,574 ----- 70,403 15,011 131	1,227,604 4,513 4,428 16,409 452,142 20,995 ----- 187,782 23,946 172	52
88,494 7,632 48,673 2,905 63,540 4,788	433,218 306,808 115,715 25,811 208,059 114,250	91,486 53,288 27,398 10,553 67,031 35,008	334,948 195,647 89,047 29,039 168,414 83,212	118,251 43,275 52,330 8,790 72,670 21,257	118,743 38,507 67,125 6,959 94,279 17,514	320,033 172,357 108,274 71,155 17,773 144,742 57,807	249,590 124,819 130,898 35,704 216,821 80,270	376,392 188,558 21,386 8,330 57,977 89,270	99,373 30,982 21,386 15,788 190,585 10,090	348,242 172,702 73,583 15,788 89,599 82,786	139,457 41,557 55,485 6,433 89,599 19,497	368,689 212,751 132,401 29,546 217,034 99,209	62
23 ----- 5	19,559 311 4,406	8,257 384 1,944	15,610 452 3,585	10,274 162 2,313	6,950 41 1,543	28,341 699 6,466	9,049 412 2,127	11,607 124 2,505	8,682 382 2,036	6,413 161 1,464	8,609 63 1,915	6,045 153 1,350	68
70 403 141	358 1,027 635	11,205 33,083 17,557	104 281 174	1,144 5,205 2,011	1,092 3,811 2,005	4,096 13,479 7,285	250 853 328	432 1,148 784	4,278 12,032 6,619	35 150 90	496 1,742 735	387 1,379 625	71

NOT ON FARMS OR RANGES: 1920—Continued.

27	96	1,248	247	190	131	1,290	161	269	560	1,594	369	127	1
22	58	554	140	129	24	414	145	112	152	581	156	94	2
3	90	81	120	228	9	436	357	102	51	345	198	58	3
-----	1	1	7	2	-----	4	2	3	15	5	-----	2	4
93	220	1,594	1,010	746	332	2,210	433	582	1,224	2,190	1,188	389	5
32	115	770	287	318	125	1,159	118	289	551	1,263	416	166	6
-----	-----	83	-----	32	-----	5	-----	-----	1	10	-----	-----	7
6	-----	225	31	39	57	60	1	51	20	68	103	-----	8
82	225	2,468	662	619	323	1,899	364	563	1,359	1,680	1,376	274	9

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES.

	Lee.	Jeffere.	Lincoln.	Lowndes.	Madison.	Marion.	Marshall.	Monroe.
DOMESTIC ANIMALS: 1920.								
1 Farms reporting domestic animals.....number.....	4,506	4,913	3,042	2,766	4,880	1,798	4,422	4,666
2 Value of all domestic animals.....dollars.....	2,143,332	2,395,102	1,603,503	1,493,478	2,523,000	879,086	1,092,557	2,263,772
Horses:								
3 Total number.....	3,706	2,228	3,223	2,838	5,386	1,606	4,309	4,100
4 Colts under 1 year of age.....	168	75	104	187	324	49	349	250
5 Colts 1 year old and under 2 years.....	136	124	146	165	174	45	177	163
6 Mares 2 years old and over.....	1,809	765	1,778	1,249	2,806	793	1,862	1,773
7 Geldings 2 years old and over.....	1,651	1,219	1,116	1,180	2,063	797	1,881	1,858
8 Stallions 2 years old and over.....	32	45	19	57	19	12	40	48
9 Total value.....dollars.....	406,448	292,561	318,996	297,438	547,068	173,171	449,053	432,169
Mules:								
10 Total number.....	6,748	7,275	3,076	3,487	5,079	1,476	5,397	6,393
11 Mule colts under 1 year of age.....	333	23	91	167	170	32	172	198
12 Mule colts 1 year old and under 2 years.....	239	34	90	175	140	25	180	196
13 Mules 2 years old and over.....	6,176	7,218	2,895	3,145	5,300	1,419	5,045	5,999
14 Total value.....dollars.....	801,014	1,436,519	440,994	491,564	870,250	235,066	713,400	879,099
Asses and burros:								
15 Total number.....	39	2	10	12	10	3	21	19
16 Total value.....dollars.....	10,685	300	1,205	2,844	4,381	65	4,460	5,083
Cattle:								
17 Total number.....	18,092	10,361	18,855	13,886	28,007	11,548	19,023	19,283
18 Total value.....dollars.....	583,665	442,380	649,332	512,041	840,994	316,660	604,377	627,337
Beef cattle—								
19 Total number.....	2,389	1,231	2,394	5,263	13,878	4,285	4,779	3,951
20 Calves under 1 year of age.....	594	368	800	1,159	2,950	1,019	1,020	904
21 Heifers 1 year old and under 2 years.....	458	102	273	634	1,709	531	740	531
22 Cows and heifers 2 years old and over.....	944	498	902	2,290	6,836	1,826	1,652	1,389
23 Steers 1 year old and under 2 years.....	205	117	134	491	892	389	640	480
24 Steers 2 years old and over.....	86	124	176	566	1,270	371	541	513
25 Bulls 1 year old and over.....	102	22	109	123	221	149	186	125
26 Total value.....dollars.....	73,154	47,863	59,744	202,929	428,403	111,609	151,316	145,238
Dairy cattle—								
27 Total number.....	15,703	9,130	16,461	8,623	14,129	7,263	14,844	15,332
28 Calves under 1 year of age.....	4,520	3,182	4,375	2,429	4,659	2,155	4,737	4,531
29 Heifers 1 year old and under 2 years.....	2,251	824	2,305	1,196	1,368	936	1,891	2,207
30 Cows and heifers 2 years old and over.....	8,921	5,000	9,515	4,832	7,894	3,933	7,935	8,266
31 Bulls 1 year old and over.....	311	124	206	166	208	239	281	328
32 Total value.....dollars.....	510,511	394,526	589,588	309,112	412,591	205,051	453,061	482,069
Sheep:								
33 Total number.....	775	235	1,999	1,755	1,730	1,443	190	2,338
34 Lambs under 1 year of age.....	164	10	317	228	364	291	38	267
35 Ewes 1 year old and over.....	585	60	1,362	1,325	1,299	857	138	1,957
36 Rams 1 year old and over.....	21	4	144	198	57	160	14	93
37 Wethers 1 year old and over.....	5	152	176	4	10	135	21	21
38 Total value.....dollars.....	5,785	1,205	10,483	16,323	13,089	6,025	1,600	25,955
Goats:								
39 Total number.....	361	245	1,640	733	494	3,416	367	1,465
40 Total value.....dollars.....	1,241	1,050	4,386	2,620	1,818	6,214	982	4,300
Swine:								
41 Total number.....	22,606	18,674	20,121	13,773	23,719	17,687	22,408	25,143
42 Pigs under 6 months old.....	12,174	7,670	8,338	6,701	10,345	8,236	9,842	12,334
43 Sows and gilts for breeding, 6 months old and over.....	2,167	3,201	2,716	2,378	3,293	3,307	2,700	3,362
44 Boars for breeding, 6 months old and over.....	159	252	163	202	260	185	193	221
45 All other hogs, 6 months old and over.....	8,106	7,461	8,904	4,492	9,815	5,869	9,673	8,795
46 Total value.....dollars.....	274,494	221,018	178,707	171,248	244,800	141,585	218,586	289,824
POULTRY AND BEES: 1920.								
47 Chickens.....number.....	172,833	84,420	81,795	64,162	60,320	44,898	102,676	129,038
48 Other poultry.....number.....	8,343	7,018	6,204	5,250	6,012	2,000	5,324	9,512
49 Value of all poultry.....dollars.....	164,572	95,935	81,499	67,796	95,615	41,686	96,320	129,667
50 Bees.....number of hives.....	1,035	36	2,048	2,282	242	1,024	283	1,994
51 Total value.....dollars.....	4,256	108	4,345	13,603	744	4,330	994	7,322
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
52 Milk produced (as reported).....gallons.....	1,891,537	712,736	1,614,018	724,256	985,491	525,953	1,472,773	1,707,198
53 Milk sold.....gallons.....	40,737	45,210	446,461	50,384	32,543	28,107	86,995	39,845
54 Cream sold.....gallons.....	7,390	2,908	2,908	7,815	7,918	.....	592	14,115
55 Butter fat sold.....pounds.....	73,687	1,582	84,270	20,868	17,068	606	1,736	65,960
56 Butter made on farms.....pounds.....	703,240	163,483	240,067	210,795	248,042	75,962	455,971	508,957
57 Butter sold.....pounds.....	67,507	6,012	25,910	50,381	21,179	8,593	38,104	42,060
58 Cheese made on farms.....pounds.....	.....	.....	.....	50	.....	.....	.....	.....
59 Value of dairy products.....dollars.....	327,036	92,805	298,211	152,007	138,188	42,392	214,780	295,006
60 Receipts from sale of dairy products.....dollars.....	91,553	17,248	210,487	70,761	40,575	11,370	51,677	81,810
61 Average production of milk per dairy cow.....gallons.....	243	226	185	203	145	119	198	297
Eggs and chickens:								
62 Eggs produced (as reported).....dozens.....	941,465	269,416	256,028	182,573	252,055	163,949	337,473	412,291
63 Eggs sold.....dozens.....	591,432	23,472	111,721	67,830	59,980	26,421	74,699	175,585
64 Chickens raised (as reported).....number.....	209,858	95,081	72,040	91,277	103,780	53,711	152,104	166,577
65 Chickens sold.....number.....	51,536	2,630	13,436	21,119	18,825	7,907	15,777	32,342
66 Value of chickens and eggs produced.....dollars.....	464,900	179,236	143,397	136,923	153,898	93,368	205,512	249,163
67 Receipts from sale of chickens and eggs.....dollars.....	238,251	12,222	50,494	42,549	28,609	14,470	35,525	83,156
Honey and wax:								
68 Honey produced.....pounds.....	5,844	330	16,428	38,816	959	13,493	2,340	16,633
69 Wax produced.....pounds.....	145	.....	560	958	33	450	67	464
70 Value of honey and wax.....dollars.....	1,334	73	3,799	8,856	222	3,117	537	3,635
Wool:								
71 Sheep shorn.....number.....	484	250	1,209	1,123	1,012	1,003	68	832
72 Wool produced (as reported).....pounds.....	1,678	525	3,993	3,375	4,599	3,015	290	2,871
73 Value.....dollars.....	841	345	1,648	1,893	1,950	1,870	135	1,508

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1 Inclosures reporting domestic animals.....	496	520	543	779	348	527	323	688
2 Horses, total number.....	190	199	188	296	144	133	218	226
3 Mules, total number.....	124	297	113	276	54	87	178	415
4 Asses and burros, total number.....	2	2	.....	.....	5	.....	5	2
5 Cattle, total number.....	928	611	826	906	523	1,035	928	1,897
6 Dairy cows.....	574	383	515	595	213	383	395	715
7 Sheep, total number.....	19	41	27	.....	.....	.....	.....	.....
8 Goats, total number.....	10	17	3	3	1	2
9 Swine, total number.....	870	817	826	1,162	580	960	933	3,145

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1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

Montgomery.	Neshoba.	Newton.	Noxubee.	Oktibbeha.	Panola.	Pearl River.	Perry.	Pike.	Pontotoc.	Prentiss.	Quitman.	Rankin.
1,014	2,987	3,109	3,645	2,590	4,592	869	823	2,517	3,811	3,034	4,134	3,018
1,004,295	1,288,277	1,575,992	1,935,237	1,459,397	2,110,401	892,097	546,945	1,313,335	1,766,759	1,432,995	2,039,099	1,916,458
1,642	2,314	2,955	3,914	2,355	5,159	1,167	856	3,318	3,728	2,232	1,197	3,028
119	103	187	314	137	359	91	34	156	227	64	41	224
87	174	174	154	34	248	94	22	171	183	84	14	185
774	1,107	1,201	2,130	1,272	2,329	481	311	1,735	1,661	1,065	501	1,836
644	972	1,374	1,200	844	2,197	488	479	1,240	1,630	1,005	599	1,358
18	11	19	50	18	26	13	10	14	27	14	42	25
185,919	241,257	320,497	363,558	232,089	512,410	122,084	86,664	347,823	398,482	232,738	169,571	371,920
2,696	3,309	3,537	4,964	3,419	5,182	617	602	1,976	5,223	4,527	5,832	3,424
146	136	141	291	244	209	30	10	46	409	221	15	147
178	89	246	258	174	177	16	29	44	251	211	43	133
2,372	3,144	3,150	4,415	3,001	4,790	571	563	1,886	4,503	4,095	5,774	3,144
363,532	449,956	460,138	585,425	426,526	713,861	100,897	90,582	312,781	645,820	629,088	1,421,559	477,091
14	21	20	12	15	157	6	1	1	37	18	1	21
3,395	1,920	2,620	3,055	1,865	23,193	330	150	150	5,524	4,042	250	3,385
12,289	13,120	17,042	21,767	17,663	22,537	13,098	9,591	13,716	17,095	12,033	5,284	27,780
339,764	427,883	611,638	753,844	648,715	617,650	407,197	258,481	458,374	489,226	354,348	300,611	812,283
3,458	1,669	4,365	7,784	4,254	7,027	12,320	8,047	2,804	1,694	1,159	418	12,988
1,075	397	1,673	1,800	697	1,502	2,774	1,839	632	410	237	155	2,528
459	411	645	944	310	1,001	1,594	956	328	309	180	65	1,609
1,393	312	1,138	3,780	942	3,343	6,385	3,509	1,189	390	458	130	5,642
213	333	411	611	877	640	403	798	385	371	74	32	1,200
247	181	359	432	1,382	507	893	818	316	185	172	19	1,640
71	35	139	127	46	234	181	134	44	29	32	17	279
87,580	36,174	120,746	238,517	155,760	205,181	369,934	209,405	79,307	52,855	35,431	15,879	368,893
8,831	11,451	13,577	13,983	13,409	15,510	778	1,544	10,822	15,401	10,874	4,866	14,792
2,738	2,787	3,010	4,277	3,834	5,137	202	562	2,806	5,000	3,516	1,600	4,418
1,171	1,796	1,937	1,617	1,733	1,844	152	194	1,636	2,289	1,000	1,371	1,813
4,708	6,469	7,478	7,916	7,640	8,093	412	763	6,103	7,613	5,254	2,773	8,065
219	390	252	173	202	436	12	25	190	439	504	32	496
252,184	391,209	490,802	515,327	492,955	412,469	37,263	49,076	379,067	436,341	318,017	290,132	443,390
160	268	223	2,141	1,123	645	24,844	7,702	1,403	358	294	6	1,022
30	48	49	303	196	80	5,286	1,402	181	70	79	1	202
116	126	145	1,033	872	514	12,916	3,451	1,098	234	150	5	602
14	22	22	73	48	50	2,515	529	90	43	30	77	36
868	1,157	907	21,149	11,354	5,689	4,127	2,320	34	11	5	81	37
175	637	436	1,108	910	602	1,940	1,349	2,964	646	306	165	3,692
501	1,375	1,090	3,347	2,974	2,170	4,091	2,081	6,389	1,698	718	527	9,605
10,534	12,738	13,705	19,286	13,919	26,162	13,263	8,946	17,265	20,227	16,486	10,785	20,845
4,932	5,714	6,200	8,865	6,616	11,678	7,664	4,183	7,987	10,090	7,343	3,844	9,071
1,057	1,299	1,958	3,703	2,059	3,107	2,927	1,973	2,980	2,061	1,741	1,222	3,133
117	132	154	193	138	304	189	173	169	121	103	116	278
4,428	5,693	5,483	6,525	5,106	10,983	2,483	2,617	6,129	7,955	7,299	5,603	8,363
110,316	165,229	179,072	204,889	135,874	235,428	106,848	74,879	178,296	223,736	209,926	141,140	235,941
59,481	113,890	92,610	72,717	61,132	107,600	24,990	23,319	66,821	135,931	112,985	67,920	83,970
2,167	4,294	3,397	11,189	5,378	6,291	1,331	1,333	5,491	5,807	5,246	2,639	4,442
65,423	82,019	91,833	75,803	64,471	102,045	27,964	25,843	78,617	133,301	109,105	72,498	85,961
1,034	2,294	1,484	1,500	745	504	976	811	1,125	1,091	1,733	57	1,095
2,590	4,840	6,682	7,156	2,095	2,193	5,149	2,554	2,773	2,177	4,629	226	4,297
913,200	1,213,838	1,422,149	1,285,601	1,471,549	1,005,579	211,652	157,212	774,793	1,820,303	1,281,990	544,312	1,000,824
23,302	32,075	45,067	31,984	15,358	16,247	43,457	11,006	229,535	9,588	14,171	12,364	38,187
11,577	10,104	23,330	20,731	26,516	2,728	182	400	2,224	879	1,023	.....	9,005
51,049	17,822	54,358	108,718	203,943	14,040	3,198	1,215	26,891	10,017	12,480	1,095	9,670
215,769	340,289	405,495	144,030	155,180	335,490	34,211	12,910	179,217	603,855	529,277	147,503	212,922
14,896	15,766	35,915	6,849	16,788	35,239	3,441	4,198	41,365	48,597	45,532	5,781	35,091
130,156	150,579	237,970	211,945	221,423	156,835	38,474	11,951	182,804	207,035	171,458	77,217	122,239
59,877	33,756	93,800	151,589	154,078	29,358	22,166	7,416	113,828	27,179	29,952	6,351	45,003
190	196	194	222	237	150	249	131	143	246	200	250	120
278,854	366,027	367,526	220,652	255,863	299,790	113,116	74,687	213,580	625,710	483,927	195,615	296,255
136,763	220,524	228,046	61,583	83,335	89,986	46,121	28,656	81,039	311,705	311,876	11,950	153,256
50,529	83,772	106,097	102,767	82,721	149,970	21,008	28,136	75,205	198,182	129,836	118,347	82,620
20,995	31,805	29,607	16,369	18,057	20,919	8,828	10,321	11,215	62,520	30,232	5,734	26,171
141,573	181,105	198,166	129,701	150,247	200,003	72,685	50,869	137,203	354,076	253,767	160,630	159,186
65,390	95,150	97,890	30,142	43,112	46,636	29,894	19,278	40,927	152,714	127,907	8,818	72,135
8,045	12,258	9,102	31,025	4,792	3,017	8,230	5,115	4,474	8,544	17,548	1,232	12,725
151	712	321	205	85	40	219	207	143	170	641	40	526
1,820	2,932	2,108	6,894	1,082	677	1,883	1,193	1,031	1,936	4,073	284	2,974
69	169	149	1,196	803	304	19,763	6,157	1,053	203	207	.....	651
274	662	406	5,634	3,060	1,019	70,865	18,828	3,794	520	878	.....	2,508
101	370	293	2,113	1,471	455	40,832	10,935	1,715	295	432	.....	1,003

NOT ON FARMS OR RANGES: 1920—Continued.

334	423	517	300	230	587	499	332	561	284	436	252	276
102	233	209	137	106	301	184	108	347	169	183	124	315
160	130	210	81	39	243	150	101	104	190	253	170	207
4	1	2	1	8	.....	.....	.....	.....	.....	2	.....	.....
685	974	983	551	529	1,702	1,572	1,064	849	685	686	355	844
353	442	512	261	268	558	477	320	450	350	419	212	397
.....	3	.....	15	60	587	2	20	3	2	.....	.....	3
4	2	26	32	48	95	17	121	14	7	.....	15	2
532	600	709	559	366	1,273	1,841	1,074	663	902	910	320	376

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES.

	Scott.	Sharkey.	Simpson.	Smith.	Stone.	Sunflower.	Tallahatchie.	Tate.
DOMESTIC ANIMALS: 1920.								
1 Farms reporting domestic animals.....number.....	2,188	2,604	2,473	2,613	560	8,032	6,231	2,884
2 Value of all domestic animals.....dollars.....	1,175,442	1,295,334	1,203,178	1,221,557	434,903	4,038,480	2,834,405	1,618,083
Horses:								
3 Total number.....	2,339	1,495	2,117	1,704	687	3,106	3,168	4,092
4 Colts under 1 year of age.....	156	73	95	96	45	108	170	308
5 Colts 1 year old and under 2 years.....	161	72	127	84	14	44	144	188
6 Mares 2 years old and over.....	1,127	868	965	950	336	940	1,274	1,945
7 Geldings 2 years old and over.....	881	465	911	543	285	1,967	1,524	1,633
8 Stallions 2 years old and over.....	14	17	10	25	7	47	56	13
9 Total value.....dollars.....	233,419	204,099	206,441	170,791	72,183	428,341	376,320	418,264
Mules:								
10 Total number.....	2,556	3,448	2,804	3,313	305	11,640	8,328	4,367
11 Mule colts under 1 year of age.....	90	9	59	93	8	70	118	247
12 Mule colts 1 year old and under 2 years.....	86	15	81	103	10	145	139	232
13 Mules 2 years old and over.....	2,380	3,424	2,724	3,117	287	11,434	8,071	3,888
14 Total value.....dollars.....	333,775	752,524	368,251	416,706	46,697	2,690,500	1,463,047	607,009
Asses and burros:								
15 Total number.....	6	26	24	29	3	4	7	18
16 Total value.....dollars.....	1,175	4,975	1,450	1,995	405	620	2,200	2,875
Cattle:								
17 Total number.....	16,635	4,240	14,589	17,625	7,522	12,141	15,877	14,628
18 Total value.....dollars.....	468,454	200,995	432,345	420,131	194,250	623,511	543,432	421,426
Beef cattle—								
19 Total number.....	4,079	239	2,583	4,547	6,276	513	3,605	1,874
20 Calves under 1 year of age.....	931	67	414	944	1,295	117	1,113	598
21 Heifers 1 year old and under 2 years.....	534	36	359	608	627	50	488	308
22 Cows and heifers 2 years old and over.....	1,484	85	870	1,886	3,347	237	1,612	460
23 Steers 1 year old and under 2 years.....	561	26	389	673	358	38	180	302
24 Steers 2 years old and over.....	460	21	498	536	540	52	131	143
25 Bulls 1 year old and over.....	100	4	53	100	109	19	81	63
26 Total value.....dollars.....	120,680	7,259	68,022	107,916	148,692	17,766	69,550	42,082
Dairy cattle—								
27 Total number.....	12,556	4,001	12,006	13,078	1,246	11,628	12,272	12,754
28 Calves under 1 year of age.....	3,853	1,169	3,899	4,669	361	3,815	4,105	3,753
29 Heifers 1 year old and under 2 years.....	1,876	189	1,687	2,062	180	990	1,430	1,612
30 Cows and heifers 2 years old and over.....	6,610	2,177	6,174	6,596	672	6,432	6,452	7,000
31 Bulls 1 year old and over.....	217	168	336	351	33	391	279	389
32 Total value.....dollars.....	347,774	193,736	364,323	312,215	45,558	605,745	473,882	379,344
Sheep:								
33 Total number.....	353	87	908	1,588	10,903	36	340	192
34 Lambs under 1 year of age.....	77	21	110	332	1,941	8	79	31
35 Ewes 1 year old and over.....	215	49	650	935	5,795	26	216	143
36 Rams 1 year old and over.....	42	7	76	180	334	2	20	16
37 Wethers 1 year old and over.....	19	10	66	141	2,833	.....	25	.....
38 Total value.....dollars.....	1,733	655	4,091	7,332	49,815	103	2,865	1,490
Goats:								
39 Total number.....	931	183	5,167	3,936	408	222	278	391
40 Total value.....dollars.....	2,656	579	11,007	8,193	1,233	695	794	1,625
Swine:								
41 Total number.....	12,428	10,780	19,401	25,381	7,460	24,280	27,032	16,836
42 Pigs under 6 months old.....	5,911	3,988	10,696	11,519	2,940	8,704	10,823	7,201
43 Sows and gilts for breeding, 6 months old and over.....	1,825	2,706	3,628	4,596	1,580	4,209	3,450	1,927
44 Boars for breeding, 6 months old and over.....	125	367	142	214	84	342	158	125
45 All other hogs, 6 months old and over.....	4,567	3,719	5,025	6,052	2,838	10,965	12,592	7,382
46 Total value.....dollars.....	134,230	131,507	179,593	196,409	70,410	204,629	445,138	104,784
POULTRY AND BEES: 1920.								
47 Chickens.....number.....	64,268	54,680	94,979	69,272	15,843	150,351	120,931	84,662
48 Other poultry.....number.....	4,624	3,254	5,476	4,115	648	7,632	6,872	5,408
49 Value of all poultry.....dollars.....	66,675	57,870	74,819	63,374	16,214	109,882	113,078	84,628
50 Bees.....number of hives.....	792	1	2,150	2,770	599	87	398	861
51 Total value.....dollars.....	2,160	6	4,126	5,412	2,132	384	781	874
LIVE-STOCK PRODUCTS: 1919.								
Dairy products:								
52 Milk produced (as reported).....gallons.....	784,003	213,847	826,974	791,870	157,569	663,663	881,198	1,114,712
53 Milk sold.....gallons.....	4,783	5,622	32,880	7,622	20,929	22,071	11,063	8,121
54 Cream sold.....gallons.....	4,361	.....	306	305	.....	38	540	962
55 Butter fat sold.....pounds.....	15,613	126	2,335	2,805	.....	516	2,889	2,078
56 Butter made on farms.....pounds.....	318,927	58,974	271,757	282,603	43,933	213,233	246,196	410,471
57 Butter sold.....pounds.....	10,201	4,931	20,091	5,045	9,818	10,645	23,400	25,221
58 Cheese made on farms.....pounds.....	25	.....	.....	.....	.....	.....	.....	.....
59 Value of dairy products.....dollars.....	140,058	29,435	136,273	124,045	28,589	111,087	123,626	107,620
60 Receipts from sale of dairy products.....dollars.....	21,991	3,477	23,279	6,650	11,805	12,690	16,619	16,181
61 Average production of milk per dairy cow.....gallons.....	142	147	139	120	215	214	163	172
Eggs and chickens:								
62 Eggs produced (as reported).....dozens.....	276,756	106,658	230,431	253,716	84,511	266,505	330,647	316,751
63 Eggs sold.....dozens.....	152,286	8,828	103,237	152,200	35,599	23,419	55,856	73,434
64 Chickens raised (as reported).....number.....	65,640	56,992	51,999	81,229	16,430	131,722	185,613	131,678
65 Chickens sold.....number.....	18,810	4,815	13,401	30,384	5,446	8,655	15,911	19,238
66 Value of chickens and eggs produced.....dollars.....	135,450	89,934	114,898	125,965	44,302	201,564	251,284	170,981
67 Receipts from sale of chickens and eggs.....dollars.....	63,184	7,462	46,218	65,897	17,592	15,752	33,509	34,734
Honey and wax:								
68 Honey produced.....pounds.....	5,434	16	14,062	22,606	7,981	1,212	4,162	1,378
69 Wax produced.....pounds.....	155	.....	188	819	261	17	208	48
70 Value of honey and wax.....dollars.....	1,246	4	3,150	5,243	1,842	273	985	818
Wool:								
71 Sheep shorn.....number.....	215	53	559	712	8,647	.....	206	155
72 Wool produced (as reported).....pounds.....	996	215	1,785	2,309	25,201	.....	1,243	695
73 Value.....dollars.....	352	97	834	949	15,920	.....	512	297

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

1 Inclosures reporting domestic animals.....	370	73	207	239	442	188	542	271
2 Horses, total number.....	146	39	148	61	84	84	212	123
3 Mules, total number.....	100	202	187	68	25	152	304	198
4 Asses and burros, total number.....	.....	.....	1	1	.....	1	2	6
5 Cattle, total number.....	1,079	243	744	863	557	300	1,075	618
6 Dairy cows.....	406	89	255	252	204	222	545	289
7 Sheep, total number.....	1	.....	12	31	.....	7	2	.....
8 Goats, total number.....	236	.....	75	.....	9	1	12	11
9 Swine, total number.....	801	83	446	784	1,174	306	1,413	630

AGRICULTURE—MISSISSIPPI.

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1920, AND LIVE-STOCK PRODUCTS, 1919—Continued.

Tippah.	Tishomingo.	Tunica.	Union.	Walthall.	Warren.	Washington.	Wayne.	Webster.	Wilkinson.	Winston.	Yalobusha.	Yazoo.	
2,624 1,483,175	2,149 981,404	4,322 2,025,514	3,374 1,672,302	2,161 1,134,098	2,327 1,064,410	7,805 3,945,000	1,754 878,694	2,122 1,063,513	2,344 1,640,474	2,697 1,247,584	2,500 1,324,028	5,850 3,169,603	1 2
2,384 90 83	1,254 67 38	1,202 39 23	3,303 174 153	2,252 78 81	3,163 267 128	4,335 237 116	1,563 73 76	1,780 104 94	4,090 371 332	2,335 108 77	2,821 171 146	5,292 356 302	3 4 5
1,205 967 49	592 524 33	453 646 41	1,557 1,382 37	1,032 1,050 11	1,301 1,448 19	1,494 2,364 124	644 748 22	845 713 24	1,954 1,362 71	1,361 767 22	1,317 1,162 25	2,722 1,880 32	6 7 8
255,076	141,822	170,810	346,056	251,901	346,606	568,584	153,564	188,252	365,802	220,063	280,915	606,461	9
4,356 300 243	2,960 68 99	6,245 15 15	4,609 280 218	2,084 95 72	2,743 92 58	10,755 65 76	1,528 29 24	3,178 196 133	2,177 79 94	3,141 150 115	3,370 190 122	7,253 356 187	10 11 12
3,813 582,555	2,793 489,341	6,215 1,465,364	4,111 602,690	1,917 346,674	2,593 447,621	10,614 2,432,799	1,475 198,350	2,849 448,096	2,004 253,115	2,876 451,196	3,058 423,740	6,889 1,176,040	13 14
56 10,885	9 1,275	3 950	23 3,255	4 1,200	13 1,975	2 600	8 1,800	18 4,305	22 1,955	39 5,365	28 6,119	2,571	15 16
12,224 464,364	7,264 238,443	4,891 225,635	15,595 487,100	12,168 338,204	18,966 676,674	11,890 629,138	14,070 364,373	10,591 309,384	26,095 829,970	12,884 387,106	14,489 402,212	34,272 988,230	17 18
2,030 302 224	776 285 183	433 140 40	1,856 628 329	4,493 1,270 1,534	13,596 3,061 1,534	2,758 749 368	8,972 1,996 1,089	1,322 370 256	20,910 4,867 2,374	1,210 190 521	3,882 5,647 2,741	21,223 5,647 9,736	19 20 21
1,042 105 130	144 61 81	167 61 15	1,032 1,050 46	1,301 1,448 17	1,301 1,448 17	1,494 2,364 124	644 748 22	845 713 24	1,954 1,362 71	1,361 767 22	1,317 1,162 25	2,722 1,880 32	22 23 24
137 96,713	15 13,470	15 15,100	68 55,933	46 110,921	173 451,810	68 129,104	129 220,842	57 33,994	347 667,542	30 31,249	111 104,204	424 577,618	25 26
10,194 2,910 1,474	6,488 3,006 797	4,458 1,303 390	13,739 4,363 2,028	7,675 2,134 1,241	5,370 1,436 541	9,132 3,011 895	5,098 1,446 744	9,260 3,144 1,187	5,095 1,438 647	11,674 3,678 1,508	10,607 3,384 1,395	13,049 9,325 1,899	27 28 29
5,646 264 367,651	3,449 236 224,967	2,674 91 210,526	6,959 889 431,167	4,227 73 227,283	3,265 128 224,864	5,083 143 500,034	2,829 79 143,531	4,667 271 275,390	2,909 101 102,428	6,071 327 355,857	5,588 240 298,008	6,720 243 410,612	30 31 32
602 124 418	464 85 266	26 8 16	211 67 115	1,036 222 994	1,907 498 1,239	1,412 366 970	5,020 716 3,002	249 31 180	2,287 550 1,008	490 82 324	940 216 596	1,802 410 1,248	33 34 35
47 13 3,661	62 61 1,998	2 ----- 185	22 7 1,396	112 308 7,799	100 100 13,394	57 19 14,107	615 687 21,521	23 15 1,146	107 22 13,754	71 13 3,134	83 45 5,828	95 37 17,086	36 37 38
749 2,096	558 1,395	89 363	645 1,028	4,415 9,292	3,735 12,126	1,008 3,617	3,698 7,756	287 786	2,158 6,248	1,050 3,229	643 2,418	2,890 8,633	39 40
13,235 6,806 1,285	8,189 3,944 1,001	14,265 7,096 2,004	17,751 8,434 1,822	17,592 7,526 3,337	18,073 6,682 3,850	24,688 11,118 5,227	16,346 8,390 3,162	10,875 5,393 1,143	18,148 6,134 3,647	15,243 5,628 2,124	17,026 7,668 2,190	40,113 17,596 6,497	41 42 43
91 5,053 164,538	111 3,133 107,130	266 4,929 162,198	138 7,357 229,877	142 6,587 179,028	247 7,294 166,014	450 7,893 296,155	185 4,609 131,330	72 4,267 111,544	240 8,127 169,630	150 7,341 168,491	166 7,002 193,396	533 15,497 370,532	44 45 46
93,371 2,794 86,425	81,355 3,289 68,569	68,405 4,266 74,436	133,995 5,509 126,878	60,928 4,110 65,069	53,293 3,802 66,059	127,344 8,936 147,720	45,018 1,966 48,562	73,572 2,486 77,051	59,589 2,925 54,016	75,433 3,929 75,321	76,321 9,377 70,582	133,841 9,325 140,274	47 48 49
1,130 2,569	1,806 4,098	9 50	1,351 3,678	750 1,946	106 602	536 7,165	2,265 6,133	1,000 2,852	612 1,962	1,474 4,029	700 2,027	546 2,175	50 51
1,315,585 22,721 3,985	984,187 10,998 -----	397,499 4,859 -----	1,306,448 34,119 -----	543,917 26,202 -----	444,238 154,843 2,338	836,427 71,309 1,365	579,651 8,465 1,656	721,455 27,735 1,350	447,267 10,625 100	947,129 26,948 3,925	1,164,405 32,350 11,021	1,268,615 47,937 30,084	52 53 54
16,065 508,429 56,481	1,135 440,703 16,137	235 135,300 7,257	27,807 634,495 74,727	715 81,106 7,615	2,367 75,577 22,987	725 238,110 7,117	2,244 172,582 11,409	7,607 321,202 23,162	279 90,250 10,422	12,324 441,762 17,789	51,262 328,339 27,006	257,040 28,800 58	55 56 57
209,735 42,432 279	165,275 8,211 207	65,057 4,802 256	262,773 55,550 230	44,905 14,069 118	115,479 89,092 173	144,456 28,972 278	72,271 9,432 156	140,261 20,821 182	39,366 7,619 120	177,973 24,685 193	186,723 63,697 215	165,950 65,536 150	58 59 60
348,648 209,323 126,524	325,450 178,268 89,838	176,188 13,146 89,532	530,678 316,950 191,272	212,412 82,126 58,310	130,783 45,786 81,736	435,988 25,422 141,385	164,635 74,006 41,722	314,094 178,403 73,725	220,074 133,444 49,317	305,761 137,446 112,023	307,055 145,734 107,358	382,387 104,196 143,827	61 62 63
39,980 207,754 98,657	21,071 174,459 75,646	6,240 136,585 9,962	47,241 303,894 143,396	5,988 126,740 37,672	19,263 105,643 31,975	9,510 291,159 17,609	9,510 85,181 33,917	23,700 169,258 79,791	23,700 102,178 54,795	16,701 175,654 61,802	24,072 182,169 68,760	22,183 239,251 54,523	64 65 66
8,370 102 1,875	15,884 149 3,643	200 ----- 44	10,615 140 2,383	5,298 86 1,194	1,474 51 344	22,657 154 5,036	21,493 843 5,006	8,036 255 1,852	5,439 101 1,274	11,012 102 2,456	6,004 102 1,355	3,401 185 809	68 69 70
329 1,417 726	327 688 380	20 89 60	143 469 256	1,279 4,389 2,346	1,220 5,395 2,366	978 4,461 2,053	4,225 12,539 7,388	136 - 401 208	1,664 6,077 2,817	272 1,027 461	701 3,024 1,457	895 4,613 2,162	71 72 73

NOT ON FARMS OR RANGES: 1920—Continued.

256	625	96	378	150	650	449	279	206	193	646	449	501	1
162	243	30	188	60	326	344	210	102	131	208	161	430	2
112	270	183	274	92	299	335	127	89	50	231	108	569	3
-----	21	-----	2	-----	1	-----	4	5	1	3	-----	-----	4
480	962	95	529	251	934	473	986	395	527	1,463	644	875	5
300	559	81	306	137	490	342	333	196	232	619	398	470	6
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	7
41	17	-----	4	-----	-----	33	30	-----	-----	4	-----	-----	7
94	1	-----	75	-----	14	12	186	1	2	2	1	17	8
-----	1,243	126	858	265	867	206	681	235	243	1,120	604	1,006	9

AGRICULTURE—MISSISSIPPI.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		THE STATE.	Adams.	Alcorn.	Amite.	Attala.	Benton.	Bolivar.
VALUE OF ALL CROPS.								
1	Total.....dollars..	336,207,156	1,062,538	3,325,097	2,798,798	3,888,814	2,366,328	23,114,901
2	Cereals.....dollars..	71,484,048	307,452	1,008,676	904,375	1,148,618	522,209	1,874,925
3	Other grains and seeds.....dollars..	1,900,546	18,306	12,242	43,311	40,200	6,734	7,255
4	Hay and forage.....dollars..	14,744,951	123,133	211,735	125,355	306,153	107,067	383,372
5	Vegetables.....dollars..	26,711,190	143,401	254,781	442,462	397,782	147,000	355,169
6	Fruits and nuts.....dollars..	2,911,096	36,082	61,083	33,651	38,121	29,378	15,144
7	All other crops.....dollars..	218,455,355	434,164	1,777,480	1,249,644	1,057,940	1,553,850	20,449,086
SELECTED CROPS (acres harvested and production).								
8	Cereals:							
9	Total.....acres..	2,718,055	14,289	34,165	38,938	49,237	22,505	49,734
10	Corn.....bushels..	38,932,069	166,904	545,438	495,400	630,137	282,448	1,019,591
11	Oats.....bushels..	2,657,009	14,013	33,973	37,769	47,509	22,413	48,812
12	Wheat.....bushels..	38,095,228	165,144	543,452	478,380	605,913	281,769	1,000,382
13	Other grains and seeds.....acres..	53,088	276	81	1,121	949	49	10,449
14	Hay and forage.....bushels..	769,417	1,760	988	16,500	29,292	509	7,444
15	Wheat.....bushels..	6,386	103	103	872	128	2,744	
16	Other grains and seeds.....acres..	3,420	8	129	40	20	15	8
17	Soy beans.....bushels..	24,839	22	668	190	241	246	60
18	Dry peas.....bushels..	50,233	807	121	634	710	117	90
19	Peanuts.....bushels..	213,940	3,983	398	3,751	4,322	647	740
20	Hay and forage.....acres..	16,933	23	73	206	621	65	45
21	Other tame or cultivated grasses.....bushels..	241,601	342	1,066	7,203	8,240	1,231	1,351
22	Hay and forage:							
23	Total.....acres..	483,544	3,970	7,451	3,959	9,257	3,948	4,035
24	All tame or cultivated grasses.....tons..	585,254	5,734	8,302	4,803	11,770	4,518	11,152
25	Timothy alone.....acres..	310,015	2,688	3,928	3,275	7,055	933	4,061
26	Timothy and clover mixed.....tons..	389,426	3,310	4,013	3,913	9,028	1,367	10,253
27	Clover alone.....acres..	1,089	23	120	130	130	43	85
28	Alfalfa.....tons..	1,709	25	54	52	31	7	60
29	Other tame or cultivated grasses.....acres..	3,034	61	46	55	28	3	80
30	Timothy alone.....tons..	3,895	111	2,121	2,527	5,474	636	5
31	Clover alone.....acres..	97,933	809	2,428	3,129	7,403	1,018	9
32	Alfalfa.....tons..	123,784	1,095	1,011	1,011	1,011	1,011	3,536
33	Other tame or cultivated grasses.....acres..	30,301	7	180	61	51	37	9,556
34	Wild, salt, or prairie grasses.....tons..	65,354	1,798	1,652	606	1,381	274	122
35	Small grains cut for hay.....acres..	177,955	2,061	1,979	729	1,416	309	223
36	Annual legumes cut for hay.....acres..	204,684	604	1,178	15	504	224	164
37	Silage crops.....tons..	39,231	692	1,244	25	604	206	268
38	Corn cut for forage.....acres..	14,926	18	231	118	832	151	93
39	Kafir, sorghum, etc., for forage.....tons..	16,064	17	226	80	1,202	178	164
40	Root crops for forage.....acres..	68,346	415	1,501	363	108	842	83
41	Sorghum grown for sirup.....acres..	67,098	107	1,546	395	192	916	134
42	Sugar cane.....acres..	9,140	239	44	73	122	46	46
43	Sirup made on farms.....tons..	37,700	1,279	105	112	381	1,358	160
44	Corn cut for forage.....acres..	29,497	25	137	76	148	701	147
45	Kafir, sorghum, etc., for forage.....tons..	10,938	25	443	28	184	315	22
46	Root crops for forage.....acres..	10,787	1	594	25	237	469	-51
47	Other tame or cultivated grasses.....acres..	13,844	4	2	4	20		
48	Vegetables:							
49	Potatoes (Irish or white).....acres..	8,993	97	198	234	75	111	124
50	Sweet potatoes and yams.....bushels..	650,970	6,297	12,131	17,057	6,011	8,064	8,446
51	Other vegetables.....acres..	68,304	252	1,202	1,202	1,202	273	501
52	Miscellaneous crops:							
53	Cotton.....acres..	6,550,500	38,770	26,801	130,080	116,693	20,046	46,648
54	Sorghum grown for sirup.....acres..	14,015	69	9	220	15	3	78
55	Sirup made on farms.....gallons..	2,948,387	8,938	23,499	26,332	31,431	29,871	215,595
56	Sugar cane.....bales..	957,527	1,895	7,920	5,008	8,079	6,936	92,128
57	Sorghum grown for sirup.....acres..	38,752	217	386	300	997	303	277
58	Sirup made.....tons..	139,100	669	1,087	940	3,845	1,235	1,132
59	Sugar cane.....gallons..	1,795,368	7,717	16,483	10,158	54,104	14,675	15,110
60	Sirup made on farms.....acres..	25,256	36	68	521	901		17
61	Sirup made on farms.....tons..	156,283	259	340	4,887	5,928		62
62	Sirup made on farms.....gallons..	3,015,856	4,405	2,675	83,331	83,966		675
FRUITS AND NUTS.								
63	Small fruits:							
64	Total.....acres..	759	6	2	2	12	2	
65	Strawberries.....quarts..	1,389,203	7,803	1,795	13,006	1,209	196	
66	Orchard fruits:							
67	Total.....acres..	991	6	2	2	12	2	
68	Apples.....quarts..	1,323,461	7,636	1,505	12,969	1,156	166	
69	Peaches.....trees not of bearing age..	784,311	2,909	10,810	16,815	14,425	7,731	2,735
70	Peaches.....trees of bearing age..	1,281,995	3,256	40,890	19,395	33,763	18,479	4,211
71	Peaches.....bushels harvested..	1,100,293	3,621	32,306	15,101	18,859	15,998	6,717
72	Pears.....trees not of bearing age..	210,686	324	3,992	3,756	3,302	2,417	398
73	Pears.....trees of bearing age..	269,862	321	13,777	2,533	5,038	3,622	508
74	Pears.....bushels harvested..	217,885	386	7,948	3,071	3,100	3,006	888
75	Plums and prunes.....trees not of bearing age..	493,651	1,955	6,125	10,014	9,910	4,895	1,885
76	Plums and prunes.....trees of bearing age..	555,158	2,344	21,186	9,282	20,787	13,138	2,908
77	Plums and prunes.....bushels harvested..	775,855	2,190	21,023	8,198	12,002	12,482	4,516
78	Plums and prunes.....trees not of bearing age..	51,094	334	321	778	678	242	220
79	Plums and prunes.....trees of bearing age..	75,179	325	996	632	2,354	905	302
80	Plums and prunes.....bushels harvested..	120,744	849	1,221	1,359	2,092	322	639
81	Grapes.....trees not of bearing age..	23,733	246	201	2,214	407	86	241
82	Grapes.....trees of bearing age..	74,700	266	4,439	6,791	4,600	243	478
83	Grapes.....bushels harvested..	42,605	196	1,976	2,409	1,641	118	665
84	Subtropical fruits:							
85	Figs.....vines not of bearing age..	24,041	26	197	269	215	71	62
86	Figs.....vines of bearing age..	56,912	1	1,711	348	473	622	243
87	Figs.....pounds harvested..	507,899	23,436	1,344	3,071	3,999	2,405	
88	Nuts.....trees not of bearing age..	21,893	293	8	1,810	114	16	25
89	Nuts.....trees of bearing age..	24,921	548	14	1,644	88	105	501
90	Nuts.....pounds harvested..	295,703	12,454	34	17,979	690	139	501
91	Nuts.....trees not of bearing age..	255,468	16,578	37	5,126	1,415	438	360
92	Nuts.....trees of bearing age..	132,212	10,769	103	2,645	771	30	678
93	Nuts.....pounds harvested..	1,692,177	113,010	1,410	19,356	7,539	1,165	12,051

AGRICULTURE—MISSISSIPPI.

29

AND PRODUCTION OF PRINCIPAL CROPS: 1919.

Calhoun.	Carroll.	Chickasaw.	Choctaw.	Claiborne.	Clarke.	Clay.	Coahoma.	Copiah.	Covington.	De Soto.	Forrest.	Franklin.		
3,613,257 1,341,238 127,802 337,931 420,719 44,081 1,332,483	3,879,870 969,744 18,939 215,934 202,531 39,573 2,373,149	3,713,764 1,193,859 20,566 315,052 211,092 19,716 1,946,879	1,882,422 658,068 24,305 148,548 258,139 12,138 781,234	2,420,747 911,006 63,004 231,930 244,914 19,915 955,978	1,975,886 617,473 58,708 89,008 341,165 42,234 827,208	3,233,380 804,058 9,019 479,304 208,522 34,524 1,637,353	16,732,666 1,166,221 579 230,419 161,286 13,341 15,151,817	5,751,533 1,011,406 25,182 350,040 2,808,526 31,140 1,522,239	2,691,198 610,961 18,594 67,896 238,118 206,900 1,337,976	6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386	1,071,705 314,302 9,165 49,984 252,416 22,721 423,117	2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218	1 2 3 4 5 6 7	
51,817 727,288 51,164 720,756 5,948 109 569 60 296 675 2,492 155 2,613 16,577 12,788 8,472 7,904 14 16 48 80 6,274 6,260 43 45 2,155 1,599 818 638 107 82 3,519 2,605 94 442 3,140 1,038 521 521 81 5,941 647 59,954 7 15,555 5,808 632 3,822 30,950 48 377 3,332 3 3,461 3 3,178 11,231 33,203 23,580 3,476 7,279 4,773 6,809 22,983 15,816 499 872 1,896 846 1,023 1,758 228 1,237 12,727 25 40 281 607 208 2,788	42,657 524,652 42,557 523,393 1,205 11 84 33 413 722 3,518 91 1,278 6,893 8,850 6,171 7,696 14 16 48 80 2,387 3,235 4 6 3,718 4,300 246 284 20 20 319 370 94 442 43 38 521 521 88 7,281 883 84,226 59 33,578 10,317 628 3,642 49,050 377 2,165 25,244 10 9,723 1 581 7,258 21,142 20,298 1,566 3,447 2,984 5,260 10,279 15,187 366 1,048 1,742 75 347 372 78 144 854 94 254 1,138 628 793 7,618	40,313 646,728 30,983 642,401 3,739 82 538 155 984 528 2,226 301 4,461 10,244 13,023 7,906 10,682 5 2 1 557 620 343 482 7,006 9,580 208 187 124 114 1,087 1,479 43 172 24 18 252 371 52 4,095 600 63,886 44 27,930 8,574 590 2,877 37,616 20 107 1,719 22,308 3,684 9,938 10,762 1,278 2,094 2,070 2,023 6,767 3,191 205 659 1,130 100 248 397 127 503 4,980 23 9 52 343 305 207 1,292	30,883 364,906 28,724 340,020 1,883 1,277 23,405 276 1,472 6 42 502 1,720 171 2,554 6,114 5,743 5,589 5,251 5 2 1 2,996 3,016 40 42 2,546 2,187 76 64 60 45 213 169 170 755 7 11 14 18 4 4 87 5,403 5,620 522 64,101 136 11,682 3,218 762 2,807 2,813 35,958 293 1,719 22,308 6,997 19,829 6,289 2,047 1,428 5,721 1,956 4,290 12,180 3,191 265 1,153 1,004 380 707 131 107 904 3,086 46 50 66 305 207 1,292	25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	1,975,886 617,473 58,708 89,008 341,165 42,234 827,208 3,233,380 804,058 9,019 479,304 208,522 34,524 1,637,353 16,732,666 1,166,221 579 230,419 161,286 13,341 15,151,817 5,751,533 1,011,406 25,182 350,040 2,808,526 31,140 1,522,239 2,691,198 610,961 18,594 67,896 238,118 206,900 1,337,976 6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386 1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551 1,975,886 617,473 58,708 89,008 341,165 42,234 827,208 3,233,380 804,058 9,019 479,304 208,522 34,524 1,637,353 16,732,666 1,166,221 579 230,419 161,286 13,341 15,151,817 5,751,533 1,011,406 25,182 350,040 2,808,526 31,140 1,522,239 2,691,198 610,961 18,594 67,896 238,118 206,900 1,337,976 6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386 1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	2,420,747 911,006 63,004 231,930 244,914 19,915 955,978 1,975,886 617,473 58,708 89,008 341,165 42,234 827,208 3,233,380 804,058 9,019 479,304 208,522 34,524 1,637,353 16,732,666 1,166,221 579 230,419 161,286 13,341 15,151,817 5,751,533 1,011,406 25,182 350,040 2,808,526 31,140 1,522,239 2,691,198 610,961 18,594 67,896 238,118 206,900 1,337,976 6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386 1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	1,975,886 617,473 58,708 89,008 341,165 42,234 827,208 3,233,380 804,058 9,019 479,304 208,522 34,524 1,637,353 16,732,666 1,166,221 579 230,419 161,286 13,341 15,151,817 5,751,533 1,011,406 25,182 350,040 2,808,526 31,140 1,522,239 2,691,198 610,961 18,594 67,896 238,118 206,900 1,337,976 6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386 1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	3,233,380 804,058 9,019 479,304 208,522 34,524 1,637,353 16,732,666 1,166,221 579 230,419 161,286 13,341 15,151,817 5,751,533 1,011,406 25,182 350,040 2,808,526 31,140 1,522,239 2,691,198 610,961 18,594 67,896 238,118 206,900 1,337,976 6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386 1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	16,732,666 1,166,221 579 230,419 161,286 13,341 15,151,817 5,751,533 1,011,406 25,182 350,040 2,808,526 31,140 1,522,239 2,691,198 610,961 18,594 67,896 238,118 206,900 1,337,976 6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386 1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	5,751,533 1,011,406 25,182 350,040 2,808,526 31,140 1,522,239 2,691,198 610,961 18,594 67,896 238,118 206,900 1,337,976 6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386 1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	2,691,198 610,961 18,594 67,896 238,118 206,900 1,337,976 6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386 1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	6,865,737 875,053 9,499 198,799 238,118 43,882 5,600,386 1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	1,071,705 314,302 9,165 49,984 252,416 22,721 423,117 2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654 1,184 97 71 385 345 75 281 442 86 349 625 3 7 38 4,906 1,452 122,590 83 16,288 2,920 469 1,066 17,109 724 324 3,852 6,735 15,821 15,063 1,941 2,812 2,062 4,195 10,639 9,174 364 2,355 4,243 174 220 152 452 2,014 14,440 34 144 603 693 810 10,551	2,011,834 600,155 16,067 80,847 283,852 26,195 1,005,218 25,509 500,728 24,221 479,983 1,277 1,581 20,546 22,262 783 40 146 5,069 14,261 35 1,169 6,207 9,387 4,371 6,403 287 2,873 2 8 10 3,107 2,057 1,654

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		George.	Greene.	Grenada.	Hancock.	Harrison.	Hinds.	Holmes.	Humphreys.
VALUE OF ALL CROPS.									
1	Total.....dollars.	788,230	479,533	2,195,693	216,275	672,016	7,050,146	7,850,113	5,730,613
2	Cereals.....dollars.	238,580	186,923	531,899	62,031	139,156	1,738,946	1,385,055	790,190
3	Other grains and seeds.....dollars.	2,659	8,494	7,301	1,820	12,090	39,532	76,129	8,392
4	Hay and forage.....dollars.	22,943	14,399	131,421	28,738	71,062	404,129	258,171	16,041
5	Vegetables.....dollars.	266,387	143,615	164,735	72,820	319,313	776,958	491,700	125,083
6	Fruits and nuts.....dollars.	13,749	14,216	13,236	12,495	58,954	42,108	65,171	2,772
7	All other crops.....dollars.	246,621	111,886	1,347,101	38,371	70,841	4,048,473	5,573,887	4,788,155
SELECTED CROPS (acres harvested and production).									
Cereals:									
8	Total.....acres.	7,364	7,265	23,732	1,848	3,865	57,103	58,623	19,764
9	.....bushels.	127,799	103,518	283,005	33,213	74,857	948,567	750,077	427,991
10	Corn.....acres.	7,047	6,772	23,608	1,739	3,699	55,470	58,307	19,667
11	.....bushels.	123,330	96,514	286,037	31,790	72,396	925,144	745,601	425,866
12	Oats.....acres.	229	446	64	10	27	1,425	230	97
13	.....bushels.	4,227	6,470	1,401	100	330	21,029	3,789	2,125
14	Wheat.....acres.			42			183		
15	.....bushels.			377			1,097	687	
Other grains and seeds:									
16	Soy beans.....acres.		4	127		21	31	308	
17	.....bushels.		62	953		333	170	925	
18	Dry peas.....acres.	17	267	90	49	185	1,827	4,312	323
19	.....bushels.	252	1,051	280	373	1,674	7,885	16,754	2,072
20	Peanuts.....acres.	44	46	96	8	96	107	113	
21	.....bushels.	728	697	1,100		1,456	2,228	2,095	
Hay and forage:									
22	Total.....acres.	1,252	649	4,653	1,003	1,866	12,252	8,496	427
23	.....tons.	1,056	562	4,926	1,352	2,860	17,604	10,371	533
24	All tame or cultivated grasses.....acres.	1,066	476	3,468	705	1,333	6,633	6,689	281
25	.....tons.	767	352	3,694	866	1,954	12,778	8,177	361
26	Timothy alone.....acres.		2					14	
27	.....tons.		3					14	
28	Timothy and clover mixed.....acres.		10	123		28	130	21	
29	.....tons.		10	104		28	135	32	
30	Clover alone.....acres.	233	67	2,259	171	271	4,376	2,359	50
31	.....tons.	188	64	2,530	254	343	6,317	3,464	80
32	Alfalfa.....acres.		25	10			31	74	92
33	.....tons.		20	26			54	80	149
34	Other tame or cultivated grasses.....acres.	783	372	1,076	535	1,034	5,006	4,223	199
35	.....tons.	579	285	1,032	612	1,583	6,272	5,007	22
36	Wild, salt, or prairie grasses.....acres.	5	13	65	11	46	571	72	42
37	.....tons.	4	12	62	12	53	419	105	55
38	Small grains cut for hay.....acres.	14	18	434	163	15	144	164	26
39	.....tons.	11	8	384	118	27	220	149	8
40	Annual legumes cut for hay.....acres.	59	122	624	45	445	766	1,342	73
41	.....tons.	45	146	733	32	727	896	1,431	108
42	Silage crops.....acres.	63			60	5	941	108	
43	.....tons.	201			310	54	2,986	403	
44	Corn cut for forage.....acres.	44	17	20	18	8	94	100	
45	.....tons.	27	8	9	14	12	117	68	
46	Kafir, sorghum, etc., for forage.....acres.	1	3	30		2	62	10	
47	.....tons.	1	6	44		5	67	28	
48	Root crops for forage.....acres.						12	41	
49	.....tons.						23	7	
Vegetables:									
50	Potatoes (Irish or white).....acres.	233	68	79	35	105	180	158	12
51	.....bushels.	13,249	4,447	6,059	1,728	6,237	14,177	10,098	882
52	Sweet potatoes and yams.....acres.	1,283	639	506	355	832	2,036	1,425	101
53	.....bushels.	116,812	56,673	53,091	31,508	85,101	221,472	100,963	8,913
54	Other vegetables.....acres.	26	17	8	23	550	508	127	
Miscellaneous crops:									
55	Cotton.....acres.	2,925	1,175	18,388	154	170	70,504	73,915	56,147
56	.....bales.	846	341	5,993	60	73	17,638	24,526	21,559
57	Sorghum grown for sirup.....acres.		26	260			1,720	1,390	116
58	.....tons.		105	1,048			7,233	4,590	494
59	Sirup made.....gallons.		1,006	13,972			86,547	62,853	4,647
60	Sugar cane.....acres.	253	254	54	112	297	553	614	37
61	.....tons.	1,880	1,673	270	949	2,525	3,049	4,170	185
62	Sirup made on farms.....gallons.	45,306	26,973	2,367	19,262	41,879	35,190	62,658	1,461
FRUITS AND NUTS.									
Small fruits:									
63	Total.....acres.	1	5			9	6	87	
64	Strawberries.....quarts.	1,185	5,466	197		5,790	6,630	117,403	50
65	.....acres.	1	5			8	6	86	
66	.....quarts.	1,185	5,243	164		4,730	6,462	110,057	
Orchard fruits:									
67	Total.....trees not of bearing age.	3,444	4,361	4,810	1,061	4,283	10,657	11,986	1,088
68	.....trees of bearing age.	3,761	4,030	6,393	1,172	4,639	18,835	22,593	1,536
69	.....bushels harvested.	4,221	5,964	7,121	916	3,885	14,869	19,393	1,657
70	Apples.....trees not of bearing age.	189	772	1,246	233	236	3,246	2,275	81
71	.....trees of bearing age.	72	168	925	21	77	3,366	2,477	187
72	.....bushels harvested.	32	80	911	4	27	1,830	2,489	194
73	Peaches.....trees not of bearing age.	2,226	3,047	2,886	1,102	1,442	15,216	7,680	860
74	.....trees of bearing age.	2,944	2,886	4,308	743	1,572	14,564	18,638	1,177
75	.....bushels harvested.	2,112	2,492	4,860	567	1,094	9,837	14,950	614
76	Pears.....trees not of bearing age.	950	445	484	242	1,856	9,837	1,837	85
77	.....trees of bearing age.	610	702	390	276	2,164	1,097	1,076	104
78	.....bushels harvested.	1,939	3,213	844	231	2,216	3,058	1,776	44
79	Plums and prunes.....trees not of bearing age.	77	91	164	82	697	175	478	199
80	.....trees of bearing age.	132	256	751	127	807	193	478	57
81	.....bushels harvested.	140	175	490	112	548	50	298	46
Grapes:									
82	.....vines not of bearing age.	208	88	19	116	693	788	293	18
83	.....vines of bearing age.	515	253	88	700	1,034	773	1,084	2
84	.....pounds harvested.	9,997	2,240	109	9,260	21,591	591	1,282	40
Subtropical fruits:									
85	Figs.....trees not of bearing age.	2,044	423	4	486	660	359	85	
86	.....trees of bearing age.	554	530	19	381	769	138	205	
87	.....pounds harvested.	2,392	4,473	157	2,180	19,456	410	1,680	
Nuts:									
88	.....trees not of bearing age.	4,737	1,807	72	5,305	18,114	3,820	1,727	36
89	.....trees of bearing age.	3,160	1,036	100	3,677	9,456	6,063	2,702	189
90pounds harvested.	26,071	7,233	2,552	38,342	157,232	57,893	18,708	3,645

AGRICULTURE—MISSISSIPPI.

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AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

Issaquena.	Itawamba.	Jackson.	Jasper.	Jefferson.	Jefferson Davis.	Jones.	Kemper.	Lafayette.	Lamar.	Lauderdale.	Lawrence.	Leake.	
2,134,083	2,706,592	574,016	2,446,701	2,477,024	2,795,609	2,825,793	2,567,340	3,944,446	1,049,883	2,604,197	2,117,594	3,157,381	1
409,968	1,036,466	135,455	733,706	847,678	638,106	776,708	905,091	1,383,654	295,657	783,554	541,351	949,909	2
1,041	43,601	3,895	38,448	16,785	16,485	29,292	36,908	21,161	4,991	81,833	9,359	31,294	3
61,003	120,791	62,704	100,714	208,489	44,349	162,970	118,388	259,625	43,806	126,675	67,678	142,946	4
78,893	314,592	182,539	369,810	231,987	343,000	538,227	372,631	358,921	203,342	542,947	291,057	326,253	5
10,407	68,295	131,069	38,059	20,955	24,453	58,441	24,518	43,252	14,980	79,763	26,088	32,731	6
1,572,771	1,182,847	58,264	1,165,964	1,151,130	1,728,616	1,260,065	1,109,804	1,877,830	487,107	1,079,425	1,170,061	1,674,248	7
14,020	40,043	3,653	37,755	33,240	28,645	35,041	47,046	50,660	11,818	39,013	22,831	38,234	8
223,673	561,663	73,331	404,767	450,920	352,163	435,366	490,525	748,875	102,072	428,623	295,170	517,728	9
13,581	39,685	3,527	36,149	32,889	27,264	32,095	47,277	49,095	11,251	37,892	22,286	37,140	10
216,778	557,984	70,681	384,462	455,236	333,737	396,859	487,082	743,667	155,732	415,965	288,579	504,739	11
269	337	48	1,589	327	1,317	2,920	341	323	554	1,098	524	979	12
5,695	3,546	1,203	20,180	4,393	18,087	38,246	3,263	3,296	5,576	12,557	6,395	11,453	13
170	21	1	10	10	10	10	28	334	8	20	16	67	14
1,200	133	7	62	58	180	180	180	1,892	16	65	123	513	15
34	186	9	17	15	4	38	10	21	85	3	15	15	16
13	880	116	124	283	30	205	164	58	730	15	95	95	17
106	4,325	484	2,085	991	443	616	2,014	536	147	3,082	181	1,149	18
18	906	20	6,498	3,148	2,845	3,029	6,596	2,566	672	15,127	1,048	5,095	19
272	11,245	605	393	71	153	425	420	262	95	548	147	815	20
1,706	6,538	2,034	4,353	5,616	2,338	5,900	8,445	8,726	1,999	5,604	2,334	4,565	22
2,340	4,674	2,424	4,342	8,402	1,835	4,480	5,074	11,183	1,326	5,264	2,708	5,522	23
1,291	1,536	1,666	2,853	4,368	894	3,097	2,371	4,167	735	2,751	1,952	3,447	24
1,837	1,414	2,073	2,709	7,004	908	3,414	2,318	4,980	629	3,900	2,164	4,655	25
4	30	9	40	9	24	4	4	453	12	257	312	26	26
51	2	6	30	26	34	30	3	188	7	12	233	14	27
35	2	11	11	34	61	609	229	7	5	233	316	26	28
175	409	581	313	1,515	2,372	75	1,199	1,535	23	538	328	1,744	30
199	457	1,074	446	2,372	75	12	22	1,941	13	893	437	2,707	31
223	12	14	11	10	6	40	11	156	14	5	3	9	32
388	21	14	31	15	6	40	11	296	11	3	3	10	33
837	1,115	1,069	2,483	2,834	777	2,456	2,116	2,016	691	2,196	1,114	1,680	34
1,211	936	983	2,191	4,008	779	2,139	1,971	2,549	600	2,431	1,069	1,912	35
103	298	3	1,623	90	5	283	1,208	1,504	34	378	59	59	36
109	271	1	894	170	7	204	1,019	2,009	23	326	83	83	37
187	102	47	52	38	8	336	140	498	211	452	55	90	38
201	65	44	74	28	16	565	140	593	133	327	40	59	39
118	2,397	254	331	709	404	1,888	763	1,416	764	694	269	300	40
188	2,067	200	290	972	450	1,831	735	1,399	734	778	343	448	41
7	1,933	55	1,483	160	50	58	280	301	45	57	8	42	42
5	507	19	353	253	948	205	3,910	1,067	240	182	120	652	43
208	342	11	10	51	399	107	749	319	210	1,200	44	241	44
342	4	9	11	10	13	33	53	219	77	240	32	16	45
8	27	22	7	5	39	113	910	521	102	72	1	35	46
57	86	81	113	111	99	318	92	187	79	280	78	60	50
2,783	6,783	5,358	7,401	7,689	6,616	21,767	6,922	13,606	6,140	18,332	7,224	5,791	51
225	698	659	1,536	935	1,113	1,826	1,187	700	892	2,124	757	689	52
16,331	72,075	60,846	131,361	77,204	106,081	192,803	116,066	62,832	80,813	181,279	92,682	70,295	53
73	9	33	6	81	3	46	19	80	59	2	2	3	54
23,469	16,987	367	24,929	24,647	26,738	21,005	32,351	22,129	5,886	22,015	19,717	28,765	55
7,086	5,157	121	4,593	5,012	7,269	4,923	4,408	8,122	1,801	3,377	4,870	6,896	56
24	777	7	550	456	43	56	1,173	1,535	13	940	87	508	57
72	2,366	26	1,900	1,395	212	289	4,218	4,302	54	2,929	147	2,088	58
945	31,968	374	21,981	16,612	3,085	3,176	56,064	70,758	793	47,750	1,723	27,893	59
5	33	227	662	241	511	594	2,067	22	594	641	611	673	60
27	148	1,433	4,274	6,448	5,040	2,067	99	99	2,865	4,942	5,733	5,706	61
197	4,059	23,683	86,130	16,957	89,185	125,747	53,573	1,386	60,712	78,769	74,752	88,776	62
2	9	3	3	321	300	7,281	600	2,535	1,029	247,182	795	1	63
2,253	8,530	3,422	1	154	156	7,215	600	1,349	914	246,272	375	1	64
1,532	8,130	946	154	156	156	7,215	600	1,349	914	246,272	375	1	65
1,455	15,124	6,582	13,453	6,738	12,606	27,319	17,349	14,023	8,076	33,469	12,096	12,321	67
1,828	46,971	5,156	18,139	5,877	11,127	22,519	18,790	32,691	7,345	24,788	13,457	23,276	68
3,217	36,339	8,081	18,625	4,466	11,545	23,031	12,850	23,957	5,735	12,023	12,985	17,319	69
262	6,792	557	2,774	2,671	2,968	4,387	6,985	5,243	1,014	8,486	2,340	2,973	70
137	14,831	114	2,342	914	1,690	1,700	5,419	9,432	471	4,787	1,002	3,634	71
245	11,610	83	2,280	660	1,414	1,740	2,797	7,313	163	1,832	1,777	2,354	72
653	7,567	2,252	9,937	3,614	8,944	21,114	9,435	7,776	6,326	23,193	8,968	8,748	73
1,030	29,875	3,029	12,766	4,463	8,536	16,962	12,681	20,751	5,012	16,488	11,106	18,066	74
2,028	23,368	3,791	13,117	3,072	9,270	19,140	9,354	14,922	4,511	8,454	10,631	13,504	75
183	433	3,569	521	421	438	853	536	519	470	1,352	415	485	76
171	1,452	1,709	1,274	392	154	1,069	395	1,299	280	1,413	306	876	77
572	1,637	3,966	2,500	227	227	2,547	359	1,062	422	1,388	395	1,132	78
332	287	186	215	125	213	909	244	300	244	389	363	110	79
483	678	292	1,726	747	747	2,728	254	1,019	1,561	2,064	442	688	80
372	389	230	708	44	634	2,604	331	621	620	341	179	324	81
25	453	507	95	17	116	627	362	294	713	1,307	71	123	82
2,200	2,200	1,209	181	16	41	899	497	1,948	1,705	1,188	115	308	83
37,282	22,157	773	14	62	62	9,513	909	6,021	4,721	3,825	1,535	2,691	84
28	15	481	466	302	336	1,213	456	1	402	669	114	182	85
60	26	997	646	445	656	1,307	143	29	408	765	237	129	86
1,551	255	12,230	7,472	4,730	7,619	13,729	360	231	5,113	2,585	2,134	518	87
284	83	60,513	2,829	1,799	3,407	6,930	1,752	172	3,125	2,678	2,430	1,116	88
464	107	21,429	1,735	2,379	892	3,509	1,129	149	1,885	3,109	709	335	89
18,401	1,797	150,544	14,622	49,850	12,227	33,645	6,512	1,037	14,088	14,291	10,589	6,350	90

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		Lee.	Leftore.	Lincoln.	Lowndes.	Madison.	Marion.	Marshall.	Monroe.
VALUE OF ALL CROPS.									
1	Total.....dollars..	6,185,837	10,464,636	3,467,153	3,951,449	6,513,704	2,348,070	6,040,187	5,739,876
2	Cereals.....dollars..	2,219,978	1,114,609	890,658	905,499	1,408,166	610,090	902,426	1,558,782
3	Other grains and seeds.....dollars..	22,932	5,297	18,051	33,305	51,545	6,519	5,531	5,531
4	Hay and forage.....dollars..	331,495	79,756	174,605	770,792	314,617	55,956	135,635	775,908
5	Vegetables.....dollars..	309,452	204,577	430,567	275,448	405,850	304,001	282,047	469,137
6	Fruits and nuts.....dollars..	41,166	18,465	31,411	19,523	28,013	10,338	44,418	32,214
7	All other crops.....dollars..	3,260,814	9,041,932	1,942,861	1,946,877	4,305,504	1,271,157	1,579,530	2,846,381
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....acres..	58,005	42,731	36,477	36,321	63,597	24,861	48,442	60,404
10	.....bushels..	1,200,281	602,464	470,605	500,677	782,105	332,461	537,281	848,667
11	Corn.....acres..	57,905	42,689	35,414	34,065	60,697	24,357	48,226	58,778
12	.....bushels..	1,198,960	602,154	456,707	471,290	728,217	324,600	534,330	831,770
13	Oats.....acres..	56	3	1,029	2,025	2,670	454	125	1,413
14	.....bushels..	875	55	13,508	28,231	52,340	7,083	2,350	15,626
15	Wheat.....acres..	37	19	13	224	206		77	282
16	.....bushels..	331	95	83	1,101	1,267		490	1,257
17	Other grains and seeds:								
18	Soy beans.....acres..	76	96	19	38			24	233
19	.....bushels..	730	979	440	356			163	1,445
20	Dry peas.....acres..	358	27	375	1,049	840	55	143	2,013
21	.....bushels..	1,228	80	1,544	5,312	3,625	410	786	5,625
22	Peanuts.....acres..	355	35	214	286	260	148	47	912
23	.....bushels..	5,920	535	2,875	3,491	3,435	2,159	647	11,681
24	Hay and forage:								
25	Total.....acres..	8,442	2,053	6,830	21,070	10,111	2,023	4,823	22,806
26	.....tons..	11,809	3,140	7,395	32,275	13,059	2,710	6,574	28,197
27	All tame or cultivated grasses.....acres..	4,642	1,401	6,049	16,590	8,921	1,085	1,074	16,790
28	.....tons..	7,397	1,822	6,346	24,806	10,379	1,225	2,262	22,104
29	Timothy alone.....acres..			9		38			5
30	.....tons..			9		22			4
31	Timothy and clover mixed.....acres..	1	6	5	5	269		3	37
32	.....tons..	1	6	7	4	521		6	24
33	Clover alone.....acres..	793	489	1,336	1,690	5,490	36	682	1,908
34	.....tons..	960	534	1,698	2,101	6,640	50	825	2,069
35	Alfalfa.....acres..	1,905	350	11	2,504	2		18	5,154
36	.....tons..	4,238	726	11	4,321	2		42	9,119
37	Other tame or cultivated grasses.....acres..	1,943	556	4,688	12,382	3,002	1,019	1,271	9,729
38	.....tons..	2,198	556	4,721	15,390	3,188	1,175	1,350	10,568
39	Wild, salt, or prairie grasses.....acres..	251	31	19	2,423	351	10	479	744
40	.....tons..	75	31	20	3,323	347	10	404	540
41	Small grains cut for hay.....acres..	120	76	59	155	62	109	120	653
42	.....tons..	2,687	323	40	226	60	123	146	440
43	Annual legumes cut for hay.....acres..	2,134	410	389	501	229	409	857	3,442
44	.....tons..	136	105	101	912	249	508	983	3,178
45	Silage crops.....acres..	979	560	463	2,395	351	206	454	252
46	.....tons..	67	15	208	44	149	199	324	1,521
47	Corn cut for forage.....acres..	58	22	124	34	180	48	306	188
48	Kafir, sorghum, etc., for forage.....acres..	577	116	14	210	33		405	181
49	.....tons..	946	219	14	10	23	5	473	205
50	Root crops for forage.....acres..				35	80	29	2	15
51	Vegetables:								
52	Potatoes (Irish or white).....acres..	108	41	233	125	212	90	203	180
53	.....bushels..	7,132	3,317	16,134	8,487	13,370	8,290	13,370	13,285
54	Sweet potatoes and yams.....acres..	514	321	1,384	963	1,617	1,237	468	1,557
55	.....bushels..	48,292	32,228	122,900	81,224	134,339	130,739	37,010	129,019
56	Other vegetables.....acres..	66	23	94	121	80	38	15	112
57	Miscellaneous crops:								
58	Cotton.....acres..	40,565	109,146	34,885	39,073	70,112	18,481	64,240	49,198
59	.....bales..	14,575	40,700	8,138	8,597	18,770	5,632	20,495	12,663
60	Sorghum grown for sirup.....acres..	620	287	246	771	1,541	31	707	768
61	.....tons..	1,875	827	760	2,234	4,877	83	2,890	2,120
62	Sirup made.....gallons..	23,637	10,114	10,699	25,754	91,864	1,939	32,445	21,259
63	Sugar cane.....acres..	21	93	739	276	388	762		1,331
64	.....tons..	208	464	5,285	1,381	3,805	5,614		334
65	Sirup made on farms.....gallons..	2,496	3,711	96,736	10,108	35,488	118,404		11,558
66	FRUITS AND NUTS.								
67	Small fruits:								
68	Total.....acres..	1	1	2	6	7		3	2
69	.....quarts..	1,160	840	1,284	3,507	8,172	103	5,643	1,799
70	Strawberries.....acres..	1	1	1	5	7		3	2
71	.....quarts..	1,035	840	700	3,408	8,172		5,574	1,670
72	Orchard fruits:								
73	Total.....trees not of bearing age..	7,781	2,148	20,093	6,784	9,611	5,786	8,654	10,266
74	.....bushels harvested..	23,881	3,917	15,572	21,110	11,768	4,444	18,718	28,754
75	Apples.....trees not of bearing age..	22,021	6,268	15,180	9,052	11,013	4,600	23,846	16,699
76	.....bushels harvested..	2,469	302	4,634	2,905	1,912	762	2,487	4,841
77	Peaches.....trees not of bearing age..	8,428	250	1,998	7,714	1,046	228	3,908	10,186
78	.....bushels harvested..	5,745	338	2,004	2,431	1,501	346	4,847	6,087
79	Pears.....trees not of bearing age..	4,433	1,358	13,700	3,210	6,598	4,648	5,440	5,227
80	.....bushels harvested..	13,338	3,055	13,865	11,406	8,871	3,635	13,393	16,850
81	Plums and prunes.....trees not of bearing age..	12,898	5,103	11,133	4,347	7,764	3,749	17,327	7,815
82	.....bushels harvested..	453	230	1,056	378	850	267	470	489
83	.....trees of bearing age..	1,261	308	860	1,344	1,111	101	725	1,792
84	.....pounds harvested..	2,670	450	859	2,110	1,551	214	1,197	1,799
85	.....trees of bearing age..	278	253	688	261	230	103	128	129
86	.....bushels harvested..	652	273	1,840	522	94	475	251	714
87	.....trees of bearing age..	719	325	1,181	145	74	320	206	363
88	Grapes.....vines not of bearing age..	231	38	296	195	157	2,101	248	233
89	.....vines of bearing age..	1,722	108	887	828	413	97	548	1,495
90	.....pounds harvested..	19,464	775	3,332	18,602	1,045	2,585	3,791	9,219
91	Subtropical fruits:								
92	Figs.....trees not of bearing age..	61	46	356	28	313	283	29	51
93	.....trees of bearing age..	143	12	597	47	140	396	44	100
94	.....pounds harvested..	1,138	96	4,333	245	361	6,511	219	224
95	Nuts.....trees not of bearing age..	165	466	3,506	1,682	2,730	3,132	101	667
96	.....trees of bearing age..	101	789	1,503	635	1,728	247	68	604
97pounds harvested..	1,352	27,939	14,420	4,517	26,010	3,964	1,466	7,784

AGRICULTURE—MISSISSIPPI.

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AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

Montgomery.	Neshoba.	Newton.	Noxubee.	Oktibbeha.	Panola.	Pearl River.	Perry.	Pike.	Pontotoc.	Prentiss.	Quitman.	Rankin.	
2,317,317 612,751 25,098 220,191 270,554 30,730 1,157,993	2,825,230 957,738 42,556 108,559 314,841 32,538 1,308,998	3,015,086 982,697 54,460 186,734 453,954 62,988 1,284,247	3,692,062 945,838 19,838 549,927 204,428 19,394 1,952,037	2,118,515 711,930 12,980 815,072 191,049 10,422 876,402	7,623,524 1,273,118 19,844 208,635 302,359 33,688 5,785,880	943,829 291,250 10,845 35,572 342,659 16,496 247,007	826,042 256,580 16,503 42,147 190,214 15,357 302,241	3,069,667 695,968 16,681 88,694 395,374 15,149 1,857,801	4,179,369 1,557,397 17,967 206,483 269,160 58,094 2,070,268	3,310,983 1,222,096 17,849 174,711 223,131 73,849 1,599,347	7,552,538 676,077 385 49,936 176,964 2,208 6,646,968	3,362,722 964,298 30,600 291,023 524,935 47,908 1,613,898	1 2 3 4 5 6 7
26,458 333,163 26,196 327,850 230 4,074 28 299 11 175 162 1,017 202 2,949 0,332 8,427 5,264 7,149 24 12 151 266 4,008 5,316 2 5 1,103 1,562 762 846 3 3 211 298 9 33 78 93 5 5 73 5,653 646 50,671 16 14,937 4,996 667 2,670 20,105 155 931 14,775 3 2,910 1 1,190 4,243 15,955 16,090 1,494 4,091 5,052 2,481 10,612 8,998 220 892 1,059 24 317 341 62 308 2,085 16 85 1,081 501 815 7,202	40,436 523,856 30,230 508,554 1,190 15,231 11 43 22 70 3,356 7,694 391 4,776 6,071 4,387 2,357 2,304 24 12 596 739 103 70 1,634 1,483 437 347 323 186 32 953 1,591 1,781 21 1,875 522 64 91 62 83 69 5,635 962 81,589 26 28,053 5,611 638 2,388 25,472 1,392 5,016 73,044 6 6,222 1 821 16,087 28,751 17,309 4,992 6,069 3,472 10,317 19,247 12,150 384 762 930 376 2,050 746 459 728 3,956 206 112 123 949 547 2,717	43,980 538,987 42,312 519,360 1,641 19,367 26 252 1 10 2,670 10,399 358 4,838 8,372 7,912 3,807 3,860 208 298 359 9 9 3,500 3,492 2,045 1,781 31 144 105 81 104 743 21 854 343 23 25 122 8,094 1,315 133,622 36 25,438 5,087 384 1,398 22,703 653 5,317 101,534 3 3,862 3 3,802 11,324 21,700 24,003 3,940 5,446 4,827 6,773 14,066 16,695 464 807 2,113 143 418 428 135 284 1,180 325 278 6,042 3,345 2,181 36,032	38,580 513,833 38,191 507,152 357 6,450 29 210 89 709 180 1,134 275 4,182 19,796 23,996 18,271 20,826 210 212 908 865 898 1,780 16,252 17,969 410 439 14 8 159 252 358 2,381 46 29 101 112 53 4,492 633 55,727 5 53,620 8,650 424 1,398 20,914 103 538 8,628 2 1,346 889 5,300 8,487 5,706 1,483 1,798 1,246 2,597 5,765 5,574 426 177 370 451 1,552 444 667 239 76 2,735 1,510 32 28 210 176 82 499 921	27,791 385,676 27,324 381,359 424 5,412 41 214 31 349 174 970 228 3,193 10,331 14,703 9,168 11,738 6 11 374 442 65 76 8,729 11,220 453 382 14 8 159 252 358 2,117 15 6 100 138 163 2 145 5,063 620 55,920 10 17,250 3,739 1,124 4,449 55,301 37 284 207 1,977 3 3,234 234 19,353 22,695 17,737 6,946 4,116 3,326 10,266 16,335 12,486 1,208 1,150 1,582 443 227 790 662 204 810 4,989 57 254 1,261 579 499 24,418	50,578 688,776 50,348 685,973 118 1,019 89 613 47 452 558 1,346 283 3,958 7,486 9,132 3,996 4,932 2 2 1,503 1,869 85 104 2,402 2,948 857 838 187 195 1,681 1,461 475 1,443 138 100 7 158 7 4 18 1 5 65 6,227 1,390 149,475 122 2,150 711 1,025 7,697 8 28 101 1,716 284 2,588 55,831 153 10,572 1,431 122,654 70 29,364 7,697 68 68 191 2,248 645 6,622 114,112 46 49 101 99 403 490 46 805 113 65 41 34 514 1 9 101 7,861 430 48,453 22 22,032 9,084 965 3,224 47,525 292 2,657 1 2 1,449 1,330 8,906 28,664 32,224 2,808 7,827 8,579 5,019 17,220 19,416 383 1,502 2,754 1,669 1,246 256 950 45,321 42 124 605 6,254 2,099 17,785	50,188 842,277 50,082 840,893 84 1,119 10 70 38,695 660,996 38,577 659,875 99 1,037 15 60 154 1,272 136 770 298 3,070 8,192 7,606 2,719 2,925 1,815 1,135 201 128 179 2,635 2,380 49 205 309 251 328 376 148 10,138 305 30,974 15 23,317 7,130 396 1,623 17,031 4,365 583 3,401 45,321 6 244 105 1,138	18,357 365,958 18,207 364,215 68 1,420 15 315 18,357 365,958 18,207 364,215 68 1,420 15 315 154 1,272 136 770 298 3,070 8,192 7,606 2,719 2,925 1,815 1,135 201 128 179 2,635 2,380 49 205 309 251 328 376 148 10,138 305 30,974 15 23,317 7,130 396 1,623 17,031 4,365 583 3,401 45,321 6 244 105 1,138	7,552,538 676,077 385 49,936 176,964 2,208 6,646,968	3,362,722 964,298 30,600 291,023 524,935 47,908 1,613,898	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90			

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

		Scott.	Sharkey.	Simpson.	Smith.	Stone.	Sunflower.	Tallahatchie.	Tate.
VALUE OF ALL CROPS.									
1	Total.....dollars..	2,381,782	3,800,887	2,770,363	2,723,487	538,721	15,591,780	10,436,034	4,308,182
2	Cereals.....dollars..	648,379	545,277	707,360	775,080	192,977	1,576,222	1,517,614	758,936
3	Other grains and seeds.....dollars..	23,086	992	13,097	24,015	7,510	1,847	7,836	0,633
4	Hay and forage.....dollars..	120,775	85,203	79,451	89,580	22,719	183,665	146,746	130,576
5	Vegetables.....dollars..	233,796	102,539	461,369	396,251	162,487	323,137	237,591	207,020
6	Fruits and nuts.....dollars..	50,927	3,721	40,137	54,800	23,553	8,027	35,471	38,600
7	All other crops.....dollars..	1,248,819	3,113,155	1,408,949	1,333,101	129,475	13,498,882	8,490,776	3,166,417
SELECTED CROPS (acres harvested and production).									
8	Cereals:								
9	Total.....acres..	27,044	17,708	31,430	32,897	7,240	46,002	48,725	32,744
10	Corn.....bushels..	353,464	295,957	383,136	431,018	105,402	852,179	821,073	410,497
11	Oats.....bushels..	26,335	17,586	30,195	30,396	6,806	44,732	48,464	32,038
12	Wheat.....bushels..	340,028	292,787	372,708	400,346	99,679	837,806	817,226	409,655
13	Other grains and seeds:								
14	Soy beans.....acres..	702	113	1,194	2,483	297	257	116	41
15	Dry peas.....acres..	7,392	3,050	14,717	31,322	3,897	5,025	2,405	692
16	Peanuts.....acres..	6	9	2	3	10	1,013	141	15
17	Hay and forage:								
18	Total.....acres..	30	120	3	10	3	0,348	1,332	150
19	All tame or cultivated grasses.....acres..	115	.....	24	18	5	4	45	.....
20	Timothy alone.....acres..	1,002	.....	94	144	45	43	434	.....
21	Timothy and clover mixed.....acres..	647	9	230	1,254	245	17	120	195
22	Clover alone.....acres..	2,453	46	1,240	4,003	1,537	235	604	1,156
23	Alfalfa.....acres..	211	25	226	186	60	11	145	75
24	Other tame or cultivated grasses.....acres..	2,721	358	3,428	2,786	494	324	1,653	876
25	Wild, salt, or prairie grasses.....acres..	5,959	812	3,489	4,193	1,146	5,149	3,846	4,698
26	Small grains cut for hay.....acres..	5,467	1,238	3,240	3,631	982	6,028	6,118	5,208
27	Annual legumes cut for hay.....acres..	2,373	407	2,310	1,789	908	1,727	2,556	3,008
28	Silage crops.....acres..	2,900	627	2,241	1,434	647	2,633	3,061	3,765
29	Corn cut for forage.....acres..	94	.....	10	36	.....	15	11	.....
30	Kafir, sorghum, etc., for forage.....acres..	160	.....	13	40	.....	2	52	.....
31	Root crops for forage.....acres..	1,128	17	574	249	241	268	1,785	1,120
32	Potatoes (Irish or white).....acres..	1,339	24	556	250	106	345	2,507	1,411
33	Sweet potatoes and yams.....acres..	6	149	.....	13	24	1,006	70	18
34	Other vegetables.....acres..	12	375	.....	11	31	1,937	95	29
35	Miscellaneous crops: *	1,645	241	1,726	1,487	643	428	604	1,859
36	Cotton.....acres..	1,389	228	1,672	1,122	450	334	997	2,313
37	Sorghum grown for sirup.....acres..	2,118	26	116	840	4	64	182	209
38	Sirup made.....gallons..	1,929	29	65	784	1	46	260	203
39	Sugar cane.....acres..	13	2	216	38	3	3,010	114	62
40	Sirup made on farms.....acres..	5	1	159	36	3	3,048	137	51
41	Sorghum grown for sirup.....acres..	297	341	606	1,285	162	135	835	979
42	Sirup made.....gallons..	248	478	561	1,216	135	151	979	773
43	Sugar cane.....acres..	20	12	15	.....	33	.....	170	5
44	Sirup made.....gallons..	100	80	90	.....	140	.....	1,052	38
45	Sorghum grown for sirup.....acres..	522	24	186	203	13	138	.....	259
46	Sirup made.....gallons..	125	23	56	123	7	85	.....	140
47	Sorghum grown for sirup.....acres..	116	.....	39	38	6	45	19	176
48	Sirup made.....gallons..	159	.....	65	38	.....	65	29	233
49	Sorghum grown for sirup.....acres..	1	.....	3	.....	17	.....	.....	.....
50	Sirup made.....gallons..	.....	.....	.....	.....	43	.....	.....	.....
51	Vegetables:								
52	Potatoes (Irish or white).....acres..	53	39	144	73	37	69	69	97
53	Sweet potatoes and yams.....acres..	4,823	2,450	11,375	6,305	2,145	4,604	5,851	7,535
54	Other vegetables.....acres..	77,799	21,135	121,454	131,725	78,400	31,507	52,240	30,485
55	Miscellaneous crops: *								
56	Cotton.....acres..	12	.....	187	30	91	63	11	12
57	Sorghum grown for sirup.....acres..	18,127	42,967	23,907	21,023	1,637	151,572	87,320	41,649
58	Sirup made.....gallons..	5,095	13,938	6,091	5,673	377	60,799	38,098	14,128
59	Sugar cane.....acres..	726	32	178	107	19	268	701	683
60	Sirup made.....gallons..	9,621	2,415	5,694	5,668	76	807	2,685	2,701
61	Sugar cane.....acres..	633	28	1,023	530	233	10,405	35,968	31,946
62	Sirup made on farms.....gallons..	6,196	275	6,146	5,244	1,482	124	172	.....
63	Sirup made on farms.....gallons..	83,220	6,433	80,214	91,500	33,747	925	2,699	.....
FRUITS AND NUTS.									
64	Small fruits:								
65	Total.....acres..	1	.....	.....	.....	18	1	.....	3
66	Strawberries.....quarts..	1,342	.....	200	605	22,743	901	130	3,735
67	Orchard fruits:								
68	Total.....trees not of bearing age..	1,292	.....	200	330	9,908	815	110	1,065
69	Apples.....bushels harvested..	12,453	1,982	17,420	19,045	2,557	2,543	3,958	14,202
70	Peaches.....bushels harvested..	23,653	1,459	21,306	25,112	2,803	3,038	12,140	15,273
71	Pears.....bushels harvested..	26,756	1,527	21,427	29,735	2,271	4,075	10,453	20,270
72	Plums and prunes.....bushels harvested..	3,230	253	3,821	5,135	253	624	859	5,391
73	Apples.....trees of bearing age..	2,972	33	3,552	3,992	69	358	1,728	3,455
74	Peaches.....trees of bearing age..	2,939	26	2,210	3,661	31	570	2,444	4,091
75	Pears.....trees of bearing age..	8,440	1,308	13,083	12,982	1,322	1,605	2,760	7,026
76	Plums and prunes.....trees of bearing age..	18,409	1,227	17,938	19,798	1,801	2,140	9,412	10,339
77	Apples.....bushels harvested..	21,505	1,320	17,819	24,001	1,310	2,805	15,328	13,988
78	Peaches.....bushels harvested..	328	199	333	595	740	39	223	976
79	Pears.....bushels harvested..	660	35	728	903	396	350	399	732
80	Plums and prunes.....bushels harvested..	1,454	86	876	1,809	744	522	935	1,153
81	Apples.....trees not of bearing age..	446	161	166	329	199	172	77	455
82	Peaches.....trees not of bearing age..	1,608	193	630	442	500	170	538	499
83	Pears.....trees not of bearing age..	850	86	517	256	179	172	708	932
84	Plums and prunes.....trees not of bearing age..	515	66	173	414	281	46	20	123
85	Subtropical fruits:								
86	Figs.....pounds harvested..	437	4	284	370	1,386	40	60	817
87	Apples.....trees of bearing age..	6,476	.....	3,537	3,094	11,656	135	2,160	2,720
88	Peaches.....trees of bearing age..	140	9	314	741	769	39	11	19
89	Pears.....trees of bearing age..	86	31	419	647	659	28	15	28
90	Plums and prunes.....trees of bearing age..	382	258	3,128	3,268	7,220	339	65	186
91	Apples.....trees not of bearing age..	1,322	109	2,442	1,655	15,196	282	157	161
92	Peaches.....trees not of bearing age..	814	207	470	455	5,351	102	123	155
93	Pears.....trees not of bearing age..	10,111	3,875	5,237	5,142	41,762	2,225	2,972	7,197

AGRICULTURE—MISSISSIPPI.

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AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

Tippah.	Tisho- mingo.	Tunica.	Union.	Walthall.	Warren.	Washington.	Wayne.	Webster.	Wilkinson.	Winston.	Yalobusha.	Yazoo.	
3,315,673 1,083,848 10,544 187,113 233,704 65,375 1,735,089	2,499,122 731,447 15,809 88,006 249,214 79,230 1,335,416	9,638,614 898,228 214,068 31,515 2,245 8,491,958	4,206,560 1,598,546 20,088 183,062 292,775 52,293 2,059,796	2,902,551 743,616 8,955 92,946 376,525 16,721 1,665,788	2,209,589 896,702 10,108 90,899 175,550 20,502 1,215,828	12,797,970 1,710,743 1,303 511,017 151,689 19,633 10,403,688	1,548,580 492,392 30,870 58,728 267,469 36,395 662,720	2,327,662 726,106 32,332 206,675 248,759 21,874 1,091,916	1,691,735 563,272 61,950 99,832 353,210 44,924 568,547	2,301,162 839,592 30,753 104,597 318,416 27,017 980,787	2,926,501 903,636 22,211 224,873 290,874 29,160 1,455,747	6,800,543 1,559,598 58,812 226,586 465,963 32,510 4,457,074	1 2 3 4 5 6 7
36,852 586,852 36,484 583,239 226 2,826 140 777 32 282 222 845 117 1,979 7,423 8,215 1,639 2,094 2 2 27 22 927 1,107 11 20 672 883 423 484 90 187 2,210 2,140 239 1,516 1,315 291 1,507 1,503 161 11,490 287 29,300 12 20,735 7,631 755 2,997 40,290 2 1,067 2 1,526 11,427 43,421 35,950 3,622 8,580 7,398 7,044 32,075 26,126 368 1,152 1,170 132 1,094 1,074 297 875 8,706 42 67 331 157 109 2,140	27,012 305,923 27,758 304,462 139 1,386 15 75 16 76 163 565 362 5,794 3,850 3,374 722 663 400 400 83 104 3 3 636 556 476 412 210 166 2,120 1,867 110 116 54 206 212 158 10,430 458 32,806 36 16,535 5,911 427 1,778 22,844 110 5,026 4,994 13,388 41,414 42,235 6,224 13,396 12,599 6,410 26,127 27,488 486 1,029 1,293 174 723 793 706 2,695 37,700 1 7 9 69 47 1,024	23,921 484,222 23,453 477,132 12 180 431 6,710 76 412 387 1,466 304 5,220 2,055 6,408 2,210 5,438 200 400 52 98 1,884 4,854 64 66 100 118 254 388 369 376 26 32 93 170 10 988 17 2,155 84,557 38,273 89 283 3,540 50 50 50 1,011 964 704 275 137 178 552 563 284 123 203 198 56 174 37 27 59 480 3 7 220 777 114 3,774	46,753 804,892 46,531 862,635 208 2,089 14 168 76 412 387 1,466 304 5,220 6,753 7,123 2,140 2,066 9 4 452 672 91 139 1,238 1,255 100 118 184 157 3,878 3,501 31 133 84 15 625 733 124 8,889 711 48,216 45 23,209 9,052 1,000 3,051 49,272 9,285 163,345 7 7,403 1 1,658 5,940 29,301 28,238 2,286 7,162 5,520 3,043 19,304 19,968 250 1,203 1,454 143 891 1,030 288 914 8,808 29 33 229 33 50 170	28,691 408,341 46,531 392,336 873 15,805 8,593 15 81 51 181 268 580 2,028 22 243 3,153 3,885 2,140 2,819 9 5 132 207 191 437 91 1,808 2,171 121 115 134 171 250 803 31 133 285 18 139 192 115 66 5,425 1,237 119,934 61 28,286 6,550 15 1,144 730 619 9,285 163,345 6,230 4,935 5,767 1,553 1,427 1,228 2,822 2,633 2,856 751 275 468 371 130 155 168 40 206 340 320 5,259 4,099 505 14,644	19,484 380,063 19,231 371,389 238 8,593 15 81 51 181 268 580 2,028 22 243 2,405 3,842 1,884 2,738 5 5 56 91 556 687 3,962 10,692 1,840 1,930 34 33 235 363 673 1,034 99 433 349 320 202 385 9 9 34 2,212 1,004 10,886 16 134,430 40,900 17 209 53 1,049 7 399 3,403 64,183 789 2,734 3,060 1,186 534 511 478 1,529 1,706 84 530 1,650 6,875 397 733 408 318 913 7,251 601 818 13,588 230 2,187 53,047	50,521 925,633 50,180 920,738 181 862 3,112 12,190 6 102 477 29 162 125 2,504 11,172 4,055 1,471 3,532 3,785 2,971 2,806 9 4 306 332 4,898 4,848 69 78 1,147 436 102 182 71 139 60 231 262 180 76 179 00 267 264 290 11 7 68 4,725 942 6,665 13,477 8,886 822 11,660 858 73,687 91 13,181 4,799 2,330 424 1,003 1,014 21,647 301 359 3,403 64,183 789 2,734 3,060 1,186 534 511 478 1,529 1,706 84 530 1,650 6,875 397 733 408 318 913 7,251 601 818 13,588 230 2,187 53,047	23,535 271,031 22,650 255,567 181 862 3,112 12,190 6 102 477 29 162 125 2,504 11,172 4,055 1,471 3,532 3,785 2,971 2,806 9 4 306 332 4,898 4,848 69 78 1,147 436 102 182 71 139 60 231 262 180 76 179 00 267 264 290 11 7 68 4,725 942 6,665 13,477 8,886 822 11,660 858 73,687 91 13,181 4,799 2,330 424 1,003 1,014 21,647 301 359 3,403 64,183 789 2,734 3,060 1,186 534 511 478 1,529 1,706 84 530 1,650 6,875 397 733 408 318 913 7,251 601 818 13,588 230 2,187 53,047	30,505 396,349 29,740 386,114 181 862 3,112 12,190 6 102 477 29 162 125 2,504 11,172 4,055 1,471 3,532 3,785 2,971 2,806 9 4 306 332 4,898 4,848 69 78 1,147 436 102 182 71 139 60 231 262 180 76 179 00 267 264 290 11 7 68 4,725 942 6,665 13,477 8,886 822 11,660 858 73,687 91 13,181 4,799 2,330 424 1,003 1,014 21,647 301 359 3,403 64,183 789 2,734 3,060 1,186 534 511 478 1,529 1,706 84 530 1,650 6,875 397 733 408 318 913 7,251 601 818 13,588 230 2,187 53,047	28,198 307,629 307,629 27,720 299,736 471 7,831 12,809 124 675 30 95 775 4,055 1,471 3,532 3,785 2,971 2,806 9 4 306 332 4,898 4,848 69 78 1,147 436 102 182 71 139 60 231 262 180 76 179 00 267 264 290 11 7 68 4,725 942 6,665 13,477 8,886 822 11,660 858 73,687 91 13,181 4,799 2,330 424 1,003 1,014 21,647 301 359 3,403 64,183 789 2,734 3,060 1,186 534 511 478 1,529 1,706 84 530 1,650 6,875 397 733 408 318 913 7,251 601 818 13,588 230 2,187 53,047	37,538 458,891 36,313 445,407 1,101 12,809 124 675 13 65 610 1,471 290 4,204 5,031 4,141 2,449 2,806 255 278 140 108 2,386 1,209 33 31 1,319 1,318 60 08 302 65 231 440 405 131 986 65 33 259 355 10 16 100 8,886 822 11,660 858 73,687 91 19,120 4,016 5,825 849 3,354 4,149 44,920 62 288 3,456 36,908 17,925 6,425 970 4,149 28,302 230 1,459 4,238 76,151 19,773 771 2,652 28,302 230 1,459 4,238 76,151 19,773 771 2,652 28,302 230 1,459 4,238	37,406 489,276 37,140 486,423 186 2,303 12,809 511 13 65 610 1,471 290 4,204 5,031 4,141 2,449 2,806 255 278 140 108 2,386 1,209 33 31 1,319 1,318 60 08 302 65 231 440 405 131 986 65 33 259 355 10 16 100 8,886 822 11,660 858 73,687 91 19,120 4,016 5,825 849 3,354 4,149 44,920 62 288 3,456 36,908 17,925 6,425 970 4,149 28,302 230 1,459 4,238 76,151 19,773 771 2,652 28,302 230 1,459 4,238	65,710 845,127 58,812 226,586 465,963 32,510 4,457,074 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90	

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919.

	THE STATE.	Adams.	Alcorn.	Amita.	Attala.	Benton.	Bolivar.	Calhoun.	Carroll.
MORTGAGE DEBT REPORTS: 1920.									
1 For all farms operated by owners:									
2 Number free from mortgage debt.....	53,073	135	396	919	1,157	462	315	989	550
3 Number with mortgage debt.....	29,990	89	312	395	571	109	263	389	455
4 Number with no mortgage report.....	14,247	150	311	256	347	146	212	151	429
5 For farms consisting of owned land only:									
6 Number of farms reporting amount of debt.....	21,844	85	286	361	528	152	231	349	429
7 Value of land and buildings.....dollars..	99,148,925	872,725	786,593	1,006,013	1,294,240	385,790	3,670,316	1,025,503	1,851,285
8 Amount of mortgage debt.....dollars..	30,049,272	261,647	284,671	311,089	408,627	148,523	853,037	377,370	520,696
9 Ratio of debt to value.....per cent..	30.3	30.0	36.2	30.9	31.6	38.5	23.2	36.8	28.6
10 Average rate of interest paid.....per cent..	6.5	6.0	6.6	6.4	6.3	7.1	7.1	6.3	6.8
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
11 Labor:									
12 Farms reporting.....number..	43,151	354	356	627	777	236	2,139	270	360
13 Total expenditure.....dollars..	7,033,198	68,380	26,982	52,402	264,822	33,662	517,239	33,631	86,899
14 Amount in cash.....dollars..	6,326,842	63,628	22,885	42,062	209,693	24,990	499,119	20,939	79,741
15 Value of rent and board furnished.....dollars..	706,356	4,752	4,097	10,340	55,129	8,672	18,120	6,692	7,058
16 Fertilizer:									
17 Farms reporting.....number..	71,296	25	2,052	2,811	1,233	488	58	245	84
18 Amount expended.....dollars..	4,288,165	3,690	69,957	172,130	36,868	18,030	4,710	5,590	4,290
19 Feed:									
20 Farms reporting.....number..	77,718	320	1,003	1,181	1,239	649	3,820	484	617
21 Amount expended.....dollars..	10,260,642	66,228	68,876	80,793	132,272	48,975	965,805	35,094	45,206
	Chickasaw.	Choctaw.	Clai-borne.	Clarke.	Clay.	Coahoma.	Copiah.	Covington.	De Soto.
MORTGAGE DEBT REPORTS: 1920.									
1 For all farms operated by owners:									
2 Number free from mortgage debt.....	650	911	285	911	545	133	802	820	551
3 Number with mortgage debt.....	333	396	254	270	285	82	070	550	179
4 Number with no mortgage report.....	88	135	9	224	66	89	332	35	99
5 For farms consisting of owned land only:									
6 Number of farms reporting amount of debt.....	293	366	231	258	248	74	621	531	162
7 Value of land and buildings.....dollars..	1,258,791	735,691	1,056,636	545,600	2,022,452	1,388,350	2,394,509	1,345,247	1,107,037
8 Amount of mortgage debt.....dollars..	383,739	230,770	422,600	160,245	694,412	336,500	696,652	355,062	305,727
9 Ratio of debt to value.....per cent..	30.5	31.4	25.5	29.4	34.3	24.2	29.1	26.4	26.2
10 Average rate of interest paid.....per cent..	6.4	6.6	6.3	6.3	6.1	6.9	6.4	6.2	6.3
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
11 Labor:									
12 Farms reporting.....number..	331	271	546	482	306	1,321	1,176	353	552
13 Total expenditure.....dollars..	38,750	14,959	118,841	43,026	42,062	455,372	168,799	41,633	103,677
14 Amount in cash.....dollars..	36,778	12,112	107,861	39,918	37,040	442,252	151,524	34,748	87,476
15 Value of rent and board furnished.....dollars..	1,972	2,847	10,980	3,708	5,052	13,120	17,275	6,885	10,201
16 Fertilizer:									
17 Farms reporting.....number..	48	882	57	1,525	37	13	3,066	1,954	47
18 Amount expended.....dollars..	1,844	21,907	3,730	91,646	2,833	1,750	460,130	121,041	3,812
19 Feed:									
20 Farms reporting.....number..	257	771	585	813	609	2,171	1,854	456	2,026
21 Amount expended.....dollars..	28,114	37,154	85,849	52,492	62,476	652,296	226,246	27,030	225,361
	Forrest.	Franklin.	George.	Greene.	Grenada.	Hancock.	Harrison.	Hinds.	Holmes.
MORTGAGE DEBT REPORTS: 1920.									
1 For all farms operated by owners:									
2 Number free from mortgage debt.....	588	683	407	503	259	200	528	677	653
3 Number with mortgage debt.....	116	269	135	56	167	18	81	422	509
4 Number with no mortgage report.....	20	78	12	16	69	.....	12	251	152
5 For farms consisting of owned land only:									
6 Number of farms reporting amount of debt.....	108	208	126	54	151	18	72	352	458
7 Value of land and buildings.....dollars..	305,638	611,035	470,440	122,850	942,303	39,300	281,795	2,074,738	3,495,622
8 Amount of mortgage debt.....dollars..	77,194	128,748	109,559	25,965	338,958	8,170	70,657	630,304	1,295,501
9 Ratio of debt to value.....per cent..	25.3	21.1	23.3	21.1	36.0	20.8	25.1	30.8	37.1
10 Average rate of interest paid.....per cent..	7.0	7.0	6.1	6.5	6.3	5.8	6.7	6.5	6.3
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
11 Labor:									
12 Farms reporting.....number..	192	414	172	131	149	57	196	1,045	1,367
13 Total expenditure.....dollars..	25,943	40,274	30,908	22,631	34,106	6,420	70,898	167,083	222,824
14 Amount in cash.....dollars..	23,272	33,236	26,200	20,707	29,351	6,229	70,658	147,613	198,788
15 Value of rent and board furnished.....dollars..	2,671	7,038	1,708	1,924	4,815	200	9,240	19,470	24,036
16 Fertilizer:									
17 Farms reporting.....number..	711	1,182	536	476	42	212	611	710	131
18 Amount expended.....dollars..	35,085	53,732	62,455	28,273	5,043	13,291	75,084	47,194	6,446
19 Feed:									
20 Farms reporting.....number..	411	748	180	225	220	107	507	1,459	1,468
21 Amount expended.....dollars..	79,405	48,078	12,212	16,597	22,585	11,217	112,130	246,583	144,049

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COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919—Contd.

	Humphreys.	Issaquena.	Itawamba.	Jackson.	Jasper.	Jefferson.	Jefferson Davis.	Jones.	Kemper.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	155	133	1,041	490	1,105	443	1,042	1,165	714
Number with mortgage debt.....	120	105	443	68	308	225	187	547	397
Number with no mortgage report.....	72	38	139	49	226	124	97	113	540
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	101	79	402	63	282	205	173	519	349
Value of land and buildings.....dollars..	1,518,610	944,371	771,475	366,300	493,340	1,151,859	314,970	1,178,325	509,786
Amount of mortgage debt.....dollars..	413,925	311,280	282,487	91,567	161,184	326,061	100,506	301,242	197,773
Ratio of debt to value.....per cent..	27.3	33.0	36.6	25.0	32.7	28.3	31.9	25.6	38.8
Average rate of interest paid.....per cent..	6.9	6.4	6.7	7.0	6.6	6.1	6.3	6.2	6.9
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting.....number..	308	459	400	232	504	522	271	470	544
Total expenditure.....dollars..	79,140	115,341	19,053	62,008	34,399	63,360	21,993	61,610	58,013
Amount in cash.....dollars..	76,453	106,961	16,154	58,897	32,167	52,796	17,688	57,311	45,709
Value of rent and board furnished.....dollars..	2,687	8,380	2,899	3,111	2,232	10,564	4,305	4,199	12,244
Fertilizer:									
Farms reporting.....number..	16	103	1,067	583	2,076	196	2,110	2,165	1,370
Amount expended.....dollars..	11,257	8,991	27,818	52,128	105,288	18,436	161,301	135,248	55,634
Feed:									
Farms reporting.....number..	1,410	782	856	502	893	540	452	1,118	995
Amount expended.....dollars..	531,233	117,558	39,018	91,705	62,077	44,460	22,770	106,557	79,659
	Lafayette.	Lamar.	Lauderdale.	Lawrence.	Leake.	Lee.	Leflore.	Lincoln.	Lowndes.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	734	455	1,006	770	1,093	874	68	1,173	448
Number with mortgage debt.....	268	251	374	283	430	426	96	696	227
Number with no mortgage report.....	238	30	287	64	581	183	95	89	282
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	241	237	335	270	394	372	86	646	217
Value of land and buildings.....dollars..	851,544	636,540	857,825	448,375	601,430	1,524,215	2,847,765	1,356,030	3,104,802
Amount of mortgage debt.....dollars..	287,721	140,242	274,533	140,290	229,329	599,535	880,317	500,419	637,184
Ratio of debt to value.....per cent..	33.8	22.0	32.0	31.3	38.1	39.3	30.9	36.9	20.5
Average rate of interest paid.....per cent..	6.5	6.5	6.4	6.8	6.6	6.7	6.5	6.4	6.3
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting.....number..	492	150	750	407	735	381	428	652	384
Total expenditure.....dollars..	66,284	27,133	73,736	32,239	38,368	34,961	172,155	51,237	160,506
Amount in cash.....dollars..	50,697	24,908	65,101	27,106	33,621	29,900	148,764	44,788	140,597
Value of rent and board furnished.....dollars..	15,677	2,225	8,635	5,133	4,745	5,061	23,391	6,449	19,908
Fertilizer:									
Farms reporting.....number..	99	843	1,214	1,649	2,166	484	23	2,565	286
Amount expended.....dollars..	3,191	54,877	80,757	90,250	63,679	19,080	4,894	156,080	16,888
Feed:									
Farms reporting.....number..	631	391	1,210	812	890	501	1,298	1,631	534
Amount expended.....dollars..	36,676	38,739	109,366	43,801	38,385	42,669	295,599	137,069	126,684
	Madison.	Marion.	Marshall.	Monroe.	Montgomery.	Neshoba.	Newton.	Noxubee.	Oktibbeha.
MORTGAGE DEBT REPORTS: 1920.									
For all farms operated by owners:									
Number free from mortgage debt.....	552	897	602	1,360	542	967	1,425	367	517
Number with mortgage debt.....	363	361	159	474	227	442	495	244	355
Number with no mortgage report.....	508	17	302	102	156	504	64	297	190
For farms consisting of owned land only:									
Number of farms reporting amount of debt.....	319	328	145	427	213	401	467	215	318
Value of land and buildings.....dollars..	1,926,093	594,955	532,279	2,349,585	660,166	652,663	1,076,710	2,181,218	1,009,015
Amount of mortgage debt.....dollars..	551,076	164,582	207,140	718,070	227,420	238,842	366,831	674,142	338,733
Ratio of debt to value.....per cent..	28.6	27.7	38.9	30.6	34.4	36.6	34.1	30.9	33.6
Average rate of interest paid.....per cent..	6.1	6.7	7.1	6.6	6.4	6.9	6.4	6.4	6.6
FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919.									
Labor:									
Farms reporting.....number..	1,154	315	713	707	277	363	511	461	215
Total expenditure.....dollars..	147,268	35,593	71,026	141,776	18,012	25,397	55,226	139,801	54,124
Amount in cash.....dollars..	125,815	32,326	59,604	125,593	15,383	22,668	45,172	121,749	51,229
Value of rent and board furnished.....dollars..	21,453	3,267	14,422	16,183	2,629	2,729	10,054	18,052	2,895
Fertilizer:									
Farms reporting.....number..	856	1,760	367	561	495	2,376	2,234	339	54
Amount expended.....dollars..	104,907	121,288	14,456	22,092	15,829	98,535	98,997	20,160	1,323
Feed:									
Farms reporting.....number..	1,379	684	866	1,146	513	1,170	1,023	985	367
Amount expended.....dollars..	131,994	38,551	62,806	143,176	20,215	62,162	71,785	194,902	37,712