26.—FARM PRODUCTS—VALUE, PRICES, AND FOREIGN TRADE

[Data in this section relate to continental United States except foreign trade statistics which represent the trade of the "customs area" (see general note, p. 462)]

No. 597.—ESTIMATED VALUE OF FARM PRODUCTS

NOTE.—Values 1897 to 1908 are based on farm prices Dec. 1 while those for 1909 to date are obtained by multiplying crop and animal production by weighted prices for the crop year. Beginning with 1919, a number of items which previously had not been included in making these estimates were added

[In millions of dollars]

Year	Crops	Animal products	Crops fed to livestock	Total, excluding crops fed to livestock	Year	Crops	Animal products	Crops fed to livestock	Total, excluding crops fed to livestock
1897	2,519	1,442	1,057	2,904	1912	6,799	3,778	3,110	7,467
1898	2,760	1,579	1,178	3,161	1913	6,717	4,099	2,930	7,886
1899 (census)	3,020	1,718	1,383	3,355	1914	7,268	4,249	3,352	8,165
1900	3,192	1,818	1,461	3,549	1915	7,957	4,303	3,622	8,638
1901	3,385	1,917	1,659	3,643	1916	10,305	4,862	4,808	10,359
1902	3,578	2,016	1,787	3,807	1917	14,277	6,539	6,867	13,949
1903	3,772	2,116	1,752	4,136	1918	14,814	8,082	6,392	16,504
1904	3,982	2,140	1,860	4,262	1919	16,561	8,275	7,159	17,677
1905	4,013	2,261	1,887	4,387	1920	11,578	7,709	4,476	14,811
1906	4,263	2,501	1,980	4,784	1921	7,759	5,589	3,080	10,268
1907	4,761	2,727	2,293	5,195	1922	9,430	5,651	3,870	11,211
1908	5,098	2,792	2,426	5,464	1923	10,401	6,271	4,290	12,382
1909	5,483	3,398	2,409	6,472	1924	10,770	5,902	4,453	12,219
1910	6,211	3,743	2,762	7,192	1925	10,170	6,647	3,783	13,034
1911	6,495	3,485	2,988	6,992	1926	9,266	7,300	3,581	12,985

No. 598.—ESTIMATED VALUE OF FARM PRODUCTS, BY CLASSES

NOTE.—Value in millions of dollars. See headnote to Table 597

Product	1923		1924		1925		1926	
	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total	Value	Per cent of total
Total crops	10,401	100.0	10,770	100.0	10,170	100.0	9,266	100.0
Cereals	4,138	39.8	4,669	43.3	3,917	38.5	3,687	39.8
Cotton	1,657	15.9	1,766	16.4	1,799	17.7	1,294	14.0
Flax, fiber, and seed	37	.4	74	.7	50	.5	39	.4
Fruits	642	6.2	614	5.7	668	6.5	666	7.2
Hay and forage	1,619	15.6	1,674	15.5	1,471	14.5	1,490	16.1
Legume seeds	172	1.7	153	1.4	130	1.2	124	1.3
Other seeds, grass, etc	46	.4	26	.3	38	.4	35	.4
Sugar crops	153	1.5	150	1.4	108	1.1	119	1.3
Tobacco	311	3.0	244	2.3	234	2.3	245	2.6
Vegetables	1,169	11.2	963	9.0	1,288	12.7	1,117	12.1
Farm-forest products	318	3.1	306	2.8	327	3.2	318	3.4
Other crops	139	1.3	131	1.2	140	1.4	132	1.4
Total animal products	6,271	100.0	5,902	100.0	6,647	100.0	7,300	100.0
Animals raised	2,477	39.5	2,243	38.0	2,672	40.2	3,065	42.0
Bee products	12	.2	12	.2	12	.2	12	.2
Dairy products	2,652	42.3	2,586	43.8	2,746	41.3	2,952	40.3
Poultry products	1,039	16.6	968	16.4	1,117	16.8	1,181	16.2
Wool	87	1.4	89	1.5	95	1.4	85	1.2
Other animal products	4	.1	4	.1	5	.1	5	.1
Deduct crop fed to livestock	4,290		4,453		3,783		3,581	
Net total, all products	12,382		12,219		13,034		12,985	

Source of Tables 597 and 598: Bureau of Agricultural Economics, Department of Agriculture.

44847°—S A 1929——42

No. 599.—INDEX NUMBERS OF FARM PRICES AND WHOLESALE PRICES OF AGRICULTURAL PRODUCTS, BY GROUPS

[1923-1925=100]

Yearly average or year and month	Farm prices, 30 commodities							Wholesale prices			
	Farm products	Grains	Fruits and vegetables	Meat animals	Dairy products	Poultry products	Cotton and cottonseed	Farm products	Grains	Livestock and poultry	Other farm products
1910-1914	72	75	71	86	71	66	48	69.4	72.4	86.6	59.8
1915-1920	121	144	120	138	100	109	93	120.1	144.4	134.0	102.6
1921-1925	94	92	103	97	100	100	86	95.4	94.0	97.9	94.3
1913	72	69	66	92	71	67	48	69.6	69.5	85.8	61.5
1920	147	174	178	147	134	147	123	146.6	172.4	146.7	134.9
1921	83	84	106	92	106	107	50	86.0	87.1	91.7	81.5
1922	89	79	109	96	96	92	78	91.2	83.1	97.5	89.8
1923	97	86	97	90	106	96	107	95.9	86.0	91.1	101.4
1924	96	97	89	92	96	97	105	97.3	98.3	93.0	99.2
1925	106	117	114	118	98	107	88	106.8	115.6	115.9	99.5
1926	98	97	135	124	97	103	61	97.3	97.8	117.2	86.9
1927	94	96	111	118	99	93	64	96.7	98.6	115.9	86.2
1928	100	98	104	127	100	99	76	103.0	104.9	123.6	91.9
Per cent change, 1927 to 1928	+6.4	+2.1	−6.3	+7.6	+1.0	+6.5	+18.8	+6.6	+6.4	+6.6	+6.6
1927											
January-March	91	91	101	120	101	95	47	92.8	92.6	116.6	80.5
April-June	91	97	121	115	97	72	55	93.1	100.1	111.6	81.3
July-September	96	103	122	115	94	83	73	99.1	103.7	116.6	88.7
October-December	99	93	99	119	101	122	80	101.8	98.0	118.9	94.0
December	99	92	101	117	104	129	76	101.6	99.7	114.8	95.3
1928											
January-March	98	97	112	118	103	98	73	101.9	106.4	115.9	93.2
April-June	104	114	126	125	97	83	80	105.1	120.1	121.5	92.0
July-September	102	95	100	139	98	95	77	104.7	99.2	137.9	89.4
October-December	97	85	79	128	103	121	73	100.1	93.0	119.6	92.3
December	96	84	77	121	104	130	74	100.8	92.2	116.2	95.6

No. 600.—INDEX NUMBERS OF PRICES RECEIVED AND PAID BY FARMERS AND OF WHOLESALE PRICES

[1923-1925=100]

Yearly average or year and month	Prices received for farm products	Prices paid by farmers for commodities bought [1]			Wages paid to hired farm labor	Wholesale prices		
		Total	For living	For production		All commodities	Farm products	Nonagricultural commodities
1910-1914	72	65	61	69	60	68	69	[2] 67-68
1915-1920	121	104	102	106	98	115	120	113
1921-1925	94	100	100	99	95	99	95	99
1910	74	63	60	68	58	70	72	[2] 69
1913	72	65	61	70	62	69	70	69
1920	147	133	139	121	143	153	147	155
1921	83	101	101	98	90	97	86	100
1922	89	98	98	97	87	96	91	97
1923	97	99	99	98	99	100	96	101
1924	96	99	99	99	99	97	97	97
1925	106	103	101	103	101	103	107	101
1926	98	101	101	99	102	99	97	100
1927	94	99	99	99	102	95	97	94
1928	100	101	99	101	101	97	103	96
1927								
March	91	99	99	99	99	94	92	95
June	94	100	99	100	103	93	94	93
September	101	99	99	100	105	96	103	94
December	99	99	99	98	96	96	102	95
1928								
March	99	100	99	100	99	95	101	94
June	105	101	99	102	102	97	104	95
September	101	100	100	99	105	99	106	98
December	97	101	99	101	97	96	101	95

[1] Annual indexes are based on retail prices paid by farmers, reported quarterly. [2] Approximate.

Source of Tables 599 and 600: Computed from data of Departments of Agriculture and Labor.

No. 601.—AVERAGE PREVAILING FARM WAGE RATE AND INDEX NUMBERS OF FARM WAGES

NOTE.—To 1923, yearly averages are from reports by crop reporters, giving average wages for the year in their locality; thereafter, wage rates per month are straight averages of quarterly rates April, July, October of the current year and January of the following year

Year	Average yearly farm wage per month—		Weighted average wage rate per month	Index numbers of farm wages (1910–1914=100)	Year	Average yearly farm wage per month—		Weighted average wage rate per month	Index numbers of farm wages (1910–1914=100)
	With board	Without board				With board	Without board		
1866	$10.09	$15.50	$13.14	55	1910	$19.58	$28.04	$23.08	97
1869	9.97	15.50	12.93	54	1911	19.85	28.33	23.25	97
1874 or 1875	11.16	17.10	14.19	59	1912	20.46	29.14	24.01	101
1877 or 1879 [1]	10.86	16.79	13.34	56	1913	21.27	30.21	24.83	104
1879 or 1880	11.70	17.53	14.14	59	1914	20.90	29.72	24.26	101
1880 or 1881	12.32	18.52	14.82	62	1915	21.08	29.97	24.46	102
1881 or 1882	12.88	19.11	15.48	65	1916	23.04	32.58	26.83	112
1884 or 1885	13.08	19.22	15.58	65	1917	28.04	40.19	33.42	140
1887 or 1888	13.29	19.67	15.87	66	1918	35.12	49.13	42.12	176
1889 or 1890	13.29	19.45	15.79	66	1919	40.14	56.77	49.11	206
1891 or 1892	13.48	20.02	16.06	67	1920	47.24	65.05	57.01	239
1893	13.85	19.97	15.93	67	1921	30.25	43.58	35.77	150
1894	12.70	18.57	14.60	61	1922	29.31	42.09	34.91	146
1895	12.75	18.74	14.69	62	1923	33.09	46.74	39.64	166
1898	13.29	19.16	15.58	65	1924	33.34	47.22	39.67	166
1899	13.90	19.97	16.34	68	1925	33.88	47.80	40.12	168
1902	15.51	22.12	18.12	76	1926	34.86	48.86	40.92	171
1906	18.73	26.10	21.92	92	1927	34.58	48.63	40.20	170
1909	20.48	28.09	23.00	96	1928	34.66	48.65	40.44	169

Basis of rate and division	1927				1928				1929	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
PER MONTH, WITH BOARD										
United States	**$32.94**	**$34.53**	**$35.59**	**$35.68**	**$32.50**	**$34.46**	**$35.39**	**$35.75**	**$33.04**	**$34.68**
North Atlantic States	44.42	47.21	47.65	47.01	43.33	45.05	46.71	46.58	43.48	46.12
North Central States	37.12	41.30	42.97	42.47	36.38	41.38	42.29	42.73	37.49	41.81
South Atlantic States	25.55	25.24	25.53	25.77	25.40	24.89	25.38	25.43	24.47	24.20
South Central States	24.72	24.46	25.38	25.57	24.68	24.88	25.99	26.57	25.26	25.00
Western States	53.36	52.55	54.39	56.39	49.57	53.10	53.64	54.21	51.54	53.94
PER MONTH, WITHOUT BOARD										
United States	**47.07**	**48.47**	**49.52**	**49.77**	**46.75**	**48.44**	**49.32**	**49.60**	**47.24**	**49.00**
North Atlantic States	67.30	69.43	69.91	69.03	66.36	67.43	68.60	68.71	66.22	68.74
North Central States	52.18	55.19	56.65	56.67	50.81	55.66	56.18	56.96	51.74	56.44
South Atlantic States	35.66	36.24	36.87	36.44	36.36	35.20	36.22	35.78	35.18	35.10
South Central States	35.09	34.72	35.75	36.85	35.25	35.58	36.86	36.74	36.23	35.95
Western States	73.27	76.38	77.62	78.33	73.18	75.94	75.99	77.68	74.72	76.99
PER DAY, WITH BOARD										
United States	**1.79**	**1.78**	**1.89**	**1.96**	**1.76**	**1.78**	**1.84**	**1.96**	**1.78**	**1.79**
North Atlantic States	2.65	2.67	2.82	2.83	2.62	2.65	2.71	2.78	2.56	2.60
North Central States	2.15	2.17	2.32	2.47	2.12	2.18	2.26	2.48	2.17	2.21
South Atlantic States	1.35	1.33	1.36	1.35	1.31	1.31	1.33	1.38	1.29	1.28
South Central States	1.29	1.25	1.34	1.36	1.26	1.25	1.30	1.37	1.28	1.26
Western States	2.32	2.37	2.48	2.67	2.36	2.37	2.44	2.66	2.44	2.42
PER DAY, WITHOUT BOARD										
United States	**2.36**	**2.37**	**2.44**	**2.51**	**2.34**	**2.34**	**2.39**	**2.51**	**2.34**	**2.34**
North Atlantic States	3.41	3.47	3.61	3.62	3.42	3.40	3.48	3.58	3.42	3.44
North Central States	2.84	2.88	3.04	3.14	2.81	2.85	2.93	3.14	2.83	2.88
South Atlantic States	1.77	1.75	1.78	1.78	1.74	1.72	1.75	1.78	1.69	1.66
South Central States	1.69	1.66	1.67	1.75	1.66	1.64	1.68	1.74	1.68	1.65
Western States	3.18	3.23	3.29	3.45	3.18	3.20	3.28	3.44	3.24	3.21

[1] 1877 or 1878, 1878 or 1879 (combined).

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 602.—FOREIGN TRADE IN AGRICULTURAL AND FOREST PRODUCTS: YEARS ENDED JUNE 30

[All figures, except percentages, in thousands of dollars]

Yearly average or year ended June 30—	Agricultural exports [1]			Agricultural imports [1]		Forest products		
	United States products		Foreign products (reexports)	Total	Per cent of all imports	Exports		Imports
	Total	Per cent of all exports [2]				United States products	Foreign products (reexports)	
1857-1861	215,709	81.1	10,174	121,998	38.5	9,995	962	5,962
1862-1866	148,866	75.7	9,288	123,639	43.5	7,366	798	7,094
1867-1871	250,713	76.9	8,538	182,756	43.0	11,775	691	11,831
1872-1876	396,666	78.5	8,853	268,481	47.4	17,907	960	14,403
1877-1881	591,351	80.4	8,632	273,780	51.8	17,579	553	14,610
1882-1886	557,473	76.3	9,340	324,607	48.8	24,705	1,417	21,354
1887-1891	573,287	74.7	6,982	381,967	50.3	26,061	1,443	24,630
1892-1896	638,748	73.0	8,446	415,975	53.9	29,276	1,707	27,448
1897-1901	827,566	65.9	10,962	403,705	53.8	45,961	3,283	25,172
1902-1906	879,541	59.5	11,922	526,806	50.0	63,585	3,850	40,960
1907-1911	975,399	53.9	12,126	705,800	50.2	88,764	6,488	65,822
1912-1916	1,256,452	45.1	24,275	1,028,629	55.7	92,129	5,563	81,467
1917-1921	2,859,558	42.7	78,068	2,164,337	61.5	120,260	8,415	168,982
1922-1926	1,950,850	45.9	48,810	1,981,467	54.3	141,078	11,711	214,824
1908	1,017,396	55.5	10,299	577,720	48.4	90,362	4,570	59,703
1909	903,238	55.1	9,585	701,780	53.5	72,442	4,983	60,753
1910	871,158	50.9	14,470	791,372	50.8	85,030	9,802	75,009
1911	1,030,794	51.2	14,665	770,781	50.5	103,039	7,587	71,736
1912	1,050,627	48.4	12,108	886,399	53.6	108,122	6,413	69,581
1913	1,123,652	46.3	15,029	912,925	50.4	124,836	7,432	82,878
1914	1,113,974	47.8	17,729	998,346	52.7	106,979	4,518	81,162
1915	1,475,938	54.3	34,420	997,184	59.6	52,554	5,089	79,451
1916	1,518,071	35.5	42,088	1,348,291	61.3	68,155	4,364	94,265
1917	1,968,253	31.6	37,640	1,598,091	60.1	68,919	11,172	129,580
1918	2,280,466	39.1	39,553	1,825,417	62.0	87,181	6,066	128,490
1919	3,579,918	50.6	103,530	1,929,384	62.3	113,275	6,006	132,588
1920	3,861,511	48.6	122,598	3,408,977	65.1	190,049	11,026	229,092
1921	2,607,641	40.8	87,019	2,059,816	56.4	141,876	7,805	225,162
1922	1,915,866	51.8	40,783	1,371,510	52.6	94,115	5,120	156,844
1923	1,799,168	46.3	43,359	2,076,371	54.9	129,982	6,989	234,599
1924	1,867,098	44.2	57,640	1,874,622	52.7	162,374	6,642	216,711
1925	2,280,381	47.7	53,826	2,056,619	53.8	156,187	11,633	227,423
1926	1,891,739	40.7	48,440	2,528,213	56.6	162,731	28,172	238,545
1927	1,907,804	39.2	50,534	2,280,340	53.6	171,970	23,053	238,247
1928 [3]	1,815,504	38.0	50,232	2,192,404	52.9	175,352	24,687	215,766

[1] Does not include forest products but includes agricultural imports of crude rubber and similar gums.
[2] Based on total exports of United States merchandise.
[3] Preliminary.

Source: Bureau of Agricultural Economics, Department of Agriculture, and Bureau of Foreign and Domestic Commerce and predecessor organizations.

No. 603.—VALUE OF AGRICULTURAL EXPORTS: BY MAJOR GROUPS

NOTE.—In millions and tenths of millions of dollars. Excludes reexports of foreign products

Yearly average or year (calendar)	Total agricultural exports	Animals and products, edible	Dairy products and eggs	Grains and preparations	Vegetables, fruits, and nuts	Miscellaneous animal and vegetable products	Cotton	Tobacco
1910-1914 (fiscal)	1,035.7	151.8	6.3	147.3	35.0	98.7	551.9	44.8
1913	1,143.3	158.8	6.9	197.4	40.5	111.2	575.5	52.9
1920	3,452.3	472.8	96.7	1,085.9	117.9	296.9	1,136.4	245.5
1921	2,114.9	309.1	56.3	758.4	90.4	161.4	534.2	205.1
1922	1,884.4	262.2	34.9	516.0	93.6	158.1	673.3	146.5
1923	1,820.5	309.6	36.4	311.4	87.7	115.0	807.1	153.4
1924	2,110.1	275.5	35.7	433.8	117.1	133.3	950.6	164.1
1925	2,136.2	271.3	31.1	351.8	121.1	147.3	1,059.8	153.8
1926	1,816.7	238.2	26.8	355.7	132.6	112.1	814.4	136.9
1927	1,884.6	182.6	25.3	443.8	143.6	123.4	826.3	139.7
1928	1,863.2	182.9	24.7	315.7	152.0	113.4	920.0	154.5

Source: Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 604.—VALUE OF EXPORTS OF PRINCIPAL AGRICULTURAL PRODUCTS OR GROUPS OF PRODUCTS

NOTE.—In millions and tenths of millions of dollars. Data except as stated are for calendar years and exclude reexports of foreign products

Products	1910–1914 (fiscal)	1919	1922	1923	1924	1925	1926	1927	1928
Grand total	1,035.7	4,096.0	1,884.4	1,820.5	2,110.1	2,136.2	1,816.7	1,884.6	1,863.2
Live animals	13.0	12.0	11.4	6.3	6.1	8.5	5.5	6.7	6.5
Meats	62.7	690.9	134.5	149.4	113.4	117.9	98.7	64.2	60.9
Eggs and dairy products	6.3	168.5	34.9	36.4	35.7	31.1	26.8	25.3	24.7
Animal fats and oils	83.8	326.3	118.2	158.5	159.0	150.3	136.2	116.8	119.4
Hides and skins	3.2	10.9	4.0	4.9	12.8	12.0	10.8	11.5	11.1
Bread grains [1]	107.6	727.1	339.8	236.1	371.5	275.2	300.5	367.9	214.5
Coarse grains	36.8	165.2	159.8	61.1	54.5	72.7	50.0	63.8	87.6
Rice	.6	34.8	15.5	12.9	7.0	3.3	4.9	11.8	13.2
Fodders and feeds	28.1	38.1	22.4	21.7	29.4	33.8	28.2	32.9	30.9
Vegetables	5.8	45.8	15.3	16.4	16.8	16.2	17.8	18.6	20.6
Fruits	29.4	122.7	74.4	67.5	96.5	100.7	110.3	120.1	127.8
Vegetable oils, expressed, oilseeds, and nuts	21.2	102.1	15.8	11.9	10.9	14.1	11.0	13.4	12.7
Coffee and substitutes	7.3	8.8	5.5	5.7	7.5	8.0	9.2	6.3	3.5
Sugar and related products	9.5	143.4	77.3	36.1	32.8	36.1	14.6	17.3	16.0
Seeds, except oilseeds	2.6	8.3	4.4	3.3	3.3	3.5	4.0	3.6	2.7
Tobacco	44.8	260.0	146.5	153.4	164.1	153.8	136.9	139.7	154.5
Cotton	551.9	1,137.4	673.3	807.1	950.6	1,059.8	814.4	826.3	920.0
Wool and hair	1.3	3.8	1.2	1.5	1.9	2.4	2.0	2.7	2.5
All other	19.9	89.9	30.2	30.3	36.3	36.8	34.9	35.7	34.1

[1] Includes wheat and rye; also flour and flour products.

No. 605.—AGRICULTURAL EXPORT INDEXES: QUANTITY, PRICE, AND VALUE

Yearly average or year	Agricultural exports, other than cotton and tobacco			Cotton			Tobacco		
	Quantity	Price	Value	Quantity	Price	Value	Quantity	Price	Value
1910–1914	100	100	100	100	100	100	100	100	100
1919	254	242	615	76	270	206	197	294	581
1920	195	242	472	72	287	206	120	455	548
1921	218	144	313	75	129	97	133	345	458
1922	195	125	242	71	173	122	111	295	327
1923	155	127	196	62	237	146	123	279	343
1924	169	134	227	78	222	172	147	249	366
1925	134	157	210	98	196	192	135	255	343
1926	137	144	197	105	141	148	136	226	306
1927	151	138	209	108	139	150	143	219	312
1928	136	132	180	102	164	167	184	188	345

No. 606.—AGRICULTURAL EXPORT INDEXES: BY GROUPS OF PRODUCTS

Group	Relative numbers, 1928, as compared with 1927 as 100			Relative numbers, 1928, as compared with 1910–1914 as 100		
	Quantity	Price	Value	Quantity	Price	Value
Total agricultural exports other than cotton and tobacco	90	95	86	136	132	180
Animal products, edible	105	96	100	95	126	120
Dairy products and eggs	95	104	98	249	158	394
Grains and preparations	77	92	71	160	134	214
Vegetables, fruits, and nuts	108	98	106	317	137	434
Cotton	94	118	111	103	161	167
Tobacco	129	86	111	----------	----------	----------

Source of Tables 604, 605, and 606: Bureau of Foreign and Domestic Commerce, Department of Commerce.

27.—FARM ANIMALS AND ANIMAL PRODUCTS

[Data in this section relate to continental United States]

No. 607.—DOMESTIC ANIMALS: Number and Value of Animals on Farms

Note.—For 1880, 1890, 1900, 1910, 1920, and 1925 census enumerations; for other years estimates of the Department of Agriculture. Data are for Jan. 1 except as indicated; the difference in date affects the comparability of the figures for all classes and especially for swine. Animals of all ages are included. Value excludes asses and burros and goats

Jan. 1—	Number (thousands)							Value of all animals (thousands of dollars)
	Horses	Mules	All cattle	Dairy cows [1]	Other cattle	Sheep	Swine	
1880 (June 1, census)	10,357	1,813	39,676	12,443	27,232	42,192	49,773	----------
1890 (June 1, census)	15,266	2,252	57,649	16,512	41,137	40,876	57,427	----------
1900 (June 1, census)	18,267	3,265	67,719	17,136	50,584	61,504	62,868	2,970,121
1905	17,058	2,889	61,241	17,572	43,669	45,170	47,321	3,006,581
1907	19,747	3,817	72,534	20,968	51,566	53,240	54,794	4,423,698
1908	19,992	3,869	71,267	21,194	50,073	54,631	56,084	4,331,230
1909	20,640	4,053	71,099	21,720	49,379	56,084	54,147	4,525,259
1910 (Apr. 15, census)	19,833	4,210	61,804	[1] 17,125	41,178	52,448	58,186	4,740,684
1911	20,277	4,323	60,502	20,823	39,679	53,633	65,620	5,276,438
1912	20,509	4,362	57,959	20,699	37,260	52,362	65,410	5,008,327
1913	20,567	4,386	56,527	20,497	36,030	51,482	61,178	5,501,783
1914	20,962	4,449	56,592	20,737	35,855	49,719	58,933	5,890,471
1915	21,195	4,479	58,329	21,262	37,067	49,956	64,618	5,969,253
1916	21,159	4,593	61,920	22,108	39,812	48,625	67,766	6,020,670
1917	21,210	4,723	64,583	22,894	41,689	47,616	67,503	6,735,612
1918	21,555	4,873	67,422	23,310	44,112	48,603	70,978	8,284,198
1919	21,482	4,954	68,560	23,475	45,085	48,866	74,584	8,827,894
1920 (census)	19,767	5,432	66,640	19,675	46,964	35,034	59,346	7,596,877
1921	19,134	5,586	67,184	21,408	45,776	38,690	58,711	6,053,128
1922	18,564	5,638	67,264	21,788	45,476	36,186	59,355	4,758,238
1923	17,943	5,702	66,156	22,063	44,093	36,212	68,447	5,048,049
1924	17,222	5,730	64,507	22,255	42,252	36,876	65,937	4,748,686
1925 (census)	16,401	5,681	60,760	17,645	43,115	35,590	50,854	4,439,966
1926	15,830	5,740	59,122	22,188	36,934	39,730	52,148	5,003,301
1927	15,133	5,652	56,832	21,801	35,031	41,881	54,788	5,033,321
1928	14,540	5,532	55,681	21,824	33,857	44,554	60,420	5,512,508
1929	14,029	5,447	55,751	21,820	33,931	47,171	54,956	5,952,118

[1] Cows 2 years and over kept for milk Jan. 1, 1910, estimated. Census reported dairy cows and heifers born before Jan. 1, 1909, as 20,625,432.

No. 608.—DOMESTIC ANIMALS IN THE UNITED STATES: Number on Farms and not on Farms, and Value of Those on Farms

Note.—By reason of the change in date of enumeration from Apr. 15 in 1910 to Jan. 1 in 1920 and 1925, the earlier figures are not very closely comparable

Kind	Total number (thousands)		On farms						Not on farms, number (thousands)	
			Number (thousands)			Value (thousands of dollars)				
	1910 (Apr. 15)	1920 (Jan. 1)	1910 (Apr. 15)	1920 (Jan. 1)	1925 (Jan. 1)	1910 (Apr. 15)	1920 (Jan. 1)	1925 (Jan. 1)	1910 (Apr. 15)	1920 (Jan. 1)
All domestic animals	------	------	------	------	------	4,760,060	7,622,641	[1] 4,450,216	------	------
All cattle	63,683	68,751	61,804	66,640	60,760	1,499,524	3,651,521	2,019,489	1,879	2,112
Dairy cows [2]	21,796	20,896	20,625	19,675	17,645	706,236	1,507,513	912,532	1,170	1,221
Horses, mules, asses, and burros	27,618	27,371	24,149	25,272	[1] 22,082	2,622,180	2,569,570	[1] 1,451,041	3,470	2,099
Horses	23,016	21,473	19,833	19,767	16,401	2,083,588	1,782,077	1,001,521	3,183	1,706
Mules	4,480	5,811	4,210	5,432	5,681	525,392	779,294	449,520	270	378
Asses and burros	122	87	106	72	(3)	13,200	8,198	(3)	17	15
Sheep	52,839	35,484	52,448	35,034	35,590	232,842	305,401	354,485	391	450
Goats	3,030	3,564	2,915	3,459	3,370	6,176	17,565	10,250	115	105
Swine	59,474	61,985	58,186	59,346	50,854	399,338	988,582	614,951	1,288	2,638

[1] Exclusive of asses and burros.
[2] Figures for 1920 and 1925 represent dairy cows and heifers 2 years old and over; those for 1910 include dairy cows and heifers born before Jan. 1, 1909.
[3] Not reported.

Source: Bureau of the Census, Department of Commerce.

No. 609.—DOMESTIC ANIMALS: NUMBER ON

NOTE.—By reason of the change in date of census enumeration from Apr. 15,

[All figures in thousands]

Division and State	Horses				Mules				All cattle			
	1910 (Apr. 15)	1920 (Jan. 1)	1925 (Jan. 1)	1929 (Jan. 1)	1910 (Apr. 15)	1920 (Jan. 1)	1925 (Jan. 1)	1929 (Jan. 1)	1910 (Apr. 15)	1920 (Jan. 1)	1925 (Jan. 1)	1929 (Jan. 1)
United States	19,833	19,767	16,401	14,029	4,210	5,432	5,681	5,447	61,804	66,640	60,760	55,751
New England	355	305	259	215	2	3	3	(2)	1,337	1,320	1,119	1,120
Maine	108	94	82	72	(2)	(2)	1	(2)	257	301	236	228
New Hampshire	46	38	31	24	(2)	(2)	(2)	(2)	168	164	121	115
Vermont	81	77	63	53	(2)	1	1	(2)	430	435	393	422
Massachusetts	64	51	44	35	(2)	(2)	1	(2)	252	216	188	183
Rhode Island	10	7	5	4	(2)	(2)	(2)	(2)	34	31	27	28
Connecticut	46	38	34	27	(2)	1	1	(2)	195	174	153	144
Middle Atlantic	1,230	1,115	907	781	52	68	65	62	4,233	3,869	3,309	3,430
New York	591	536	440	382	4	7	7	6	2,423	2,144	1,837	1,895
New Jersey	89	73	57	50	4	6	5	5	223	179	153	163
Pennsylvania	550	506	410	349	44	55	53	51	1,587	1,546	1,319	1,372
East North Central	4,401	4,114	3,303	2,829	259	310	315	291	9,819	10,898	9,656	9,182
Ohio	910	811	630	520	23	32	33	32	1,838	1,927	1,653	1,640
Indiana	814	717	556	517	82	100	101	101	1,363	1,546	1,282	1,307
Illinois	1,453	1,207	1,030	839	148	168	168	144	2,441	2,788	2,305	1,967
Michigan	610	606	482	409	4	6	7	7	1,498	1,586	1,406	1,406
Wisconsin	615	683	604	544	3	4	6	7	2,680	3,051	3,010	2,862
West North Central	6,794	6,942	5,968	5,119	716	847	892	756	17,048	20,163	19,204	16,936
Minnesota	753	933	835	787	6	10	13	14	2,347	3,021	2,853	2,737
Iowa	1,492	1,387	1,180	1,046	56	82	97	93	4,448	4,548	4,264	3,845
Missouri	1,073	906	708	574	343	389	372	313	2,561	2,782	2,372	2,109
North Dakota	651	856	731	589	8	8	9	10	744	1,335	1,341	1,078
South Dakota	669	817	720	593	12	15	21	22	1,535	2,348	2,022	1,570
Nebraska	1,008	961	862	764	83	100	120	106	2,932	3,154	3,283	2,760
Kansas	1,147	1,083	931	766	208	243	260	198	3,079	2,975	3,068	2,831
South Atlantic	1,111	1,039	806	640	749	1,079	1,023	998	4,839	4,703	4,135	3,672
Delaware	33	28	22	19	6	9	9	9	55	47	46	50
Maryland	155	141	117	97	23	33	31	28	288	283	273	283
Dist. of Columbia	1	(2)	(2)	(3)	(2)	(2)	(2)	(3)	1	1	1	(3)
Virginia	330	312	260	198	60	97	102	105	850	910	807	765
West Virginia	180	169	143	124	12	15	15	14	620	587	568	496
North Carolina	166	171	131	98	175	257	280	276	701	645	539	506
South Carolina	80	78	49	40	155	220	199	177	390	434	341	272
Georgia	120	101	54	39	295	406	344	347	1,080	1,157	906	820
Florida	46	39	29	25	23	42	43	42	845	639	656	480
East South Central	1,145	1,046	768	645	1,004	1,250	1,277	1,276	3,943	4,547	3,636	3,469
Kentucky	443	382	307	278	225	293	294	292	1,001	1,098	905	955
Tennessee	350	318	242	202	276	353	352	321	997	1,159	986	977
Alabama	136	130	87	65	247	296	303	327	932	1,044	822	702
Mississippi	216	215	131	100	256	308	328	336	1,013	1,250	923	835
West South Central	2,349	2,160	1,760	1,534	1,286	1,685	1,893	1,860	10,791	10,108	9,009	8,687
Arkansas	255	252	182	136	222	323	341	339	1,028	1,073	810	772
Louisiana	181	179	131	102	132	180	173	167	805	804	697	585
Oklahoma	743	738	608	516	257	337	368	333	1,954	2,074	1,657	1,723
Texas	1,170	991	838	780	676	846	1,010	1,021	6,935	6,157	5,846	5,607
Mountain	1,427	2,076	1,850	1,613	49	89	112	105	6,061	7,600	7,406	6,086
Montana	316	669	594	515	4	9	10	11	943	1,269	1,322	1,103
Idaho	198	293	233	210	4	8	8	7	454	715	606	570
Wyoming	156	198	200	186	2	3	5	5	767	875	783	764
Colorado	294	421	365	308	15	31	38	32	1,128	1,757	1,436	1,317
New Mexico	180	183	187	163	15	20	31	30	1,082	1,300	1,267	1,017
Arizona	100	136	112	90	4	12	12	12	825	822	1,069	540
Utah	116	125	110	100	2	3	4	4	412	506	504	460
Nevada	68	50	50	41	3	2	4	4	450	356	419	315
Pacific	1,021	970	780	653	92	101	101	99	3,204	3,432	3,285	3,169
Washington	281	296	242	205	12	23	26	29	402	573	582	541
Oregon	272	272	224	181	10	14	19	19	725	851	784	673
California	469	402	314	267	70	63	56	51	2,077	2,008	1,918	1,955

[1] 1 year old and over. Figures for 1910 are number reported as living Apr. 15, 1910, which had been born before Jan. 1, 1909; that is, 15½ months old and over on Apr. 15, or 1 year old and over on Jan. 1, 1910.

FARMS, BY DIVISIONS AND STATES, 1910 TO 1928

1910, to Jan. 1 in 1920 and 1925, the 1910 figures are not very closely comparable

[All figures in thousands]

Dairy cows [1]				Sheep				Swine				Division and State
1910	1920 (Jan. 1)	1925 (Jan. 1)	1928	1910 (Apr. 15)	1920 (Jan. 1)	1925 (Jan. 1)	1928 (Jan. 1)	1910 (Apr. 15)	1920 (Jan. 1)	1925 (Jan. 1)	1928 (Jan. 1)	
20,625	23,724	20,714	26,197	52,448	35,034	35,590	47,171	58,186	59,346	50,854	54,956	U. S.
842	1,016	920	902	431	243	154	180	397	384	193	259	N. Eng.
157	217	181	173	206	119	85	93	87	91	54	60	Me.
101	119	97	90	44	28	16	21	45	42	16	30	N. H.
265	346	325	341	119	63	35	45	95	73	44	50	Vt.
172	174	164	152	33	19	10	11	103	104	58	92	Mass.
23	25	24	24	7	3	2	2	14	13	4	5	R. I.
123	135	120	122	22	11	7	8	52	61	17	22	Conn.
2,598	2,928	2,670	2,695	1,844	1,098	893	899	1,791	1,931	1,050	1,059	Mid. Atl.
1,510	1,730	1,552	1,552	930	579	473	452	666	601	259	290	N. Y.
154	148	135	139	31	10	6	6	147	139	56	54	N. J.
934	1,050	983	1,004	883	509	415	441	978	1,191	734	715	Pa.
4,830	6,082	5,877	6,358	9,542	5,073	4,479	5,374	14,461	14,183	11,774	11,873	E. N. C.
905	1,059	968	1,096	3,909	2,103	1,941	2,154	3,106	3,084	2,368	2,146	Ohio.
634	727	691	828	1,337	644	595	726	3,614	3,757	2,939	2,904	Ind.
1,050	1,148	969	1,129	1,060	638	566	664	4,686	4,639	4,249	4,071	Ill.
767	967	944	1,006	2,306	1,209	1,066	1,380	1,246	1,106	855	690	Mich.
1,474	2,180	2,304	2,299	930	480	310	450	1,809	1,596	1,363	1,462	Wis.
5,328	5,485	4,403	7,139	5,065	4,950	4,007	5,829	21,282	21,715	24,600	28,160	W. N. C.
1,085	1,532	1,565	1,820	638	509	379	686	1,520	2,381	2,715	3,302	Minn.
1,407	1,094	822	1,564	1,146	1,002	818	1,096	7,546	7,864	8,567	10,246	Iowa.
856	793	617	979	1,811	1,272	894	987	4,438	3,889	3,502	4,070	Mo.
259	*461*	*385*	*559*	*293*	*299*	*311*	*582*	*332*	*458*	*784*	*587*	N. Dak.
370	406	292	646	611	844	644	890	1,010	1,054	2,600	2,536	S. Dak.
614	517	268	739	294	573	647	1,050	3,436	3,436	4,236	4,888	Nebr.
736	681	454	832	272	361	315	538	3,000	1,733	2,197	2,531	Kans.
1,811	2,012	1,549	1,978	2,514	1,209	1,077	1,383	5,964	6,536	4,176	4,074	S. Atl.
36	38	30	42	8	3	2	2	40	39	24	24	Del.
167	189	196	214	237	103	92	108	302	306	188	199	Md.
1	1	1	(3)	-------	(2)	(3)	(3)	1	1	1	(3)	D. C.
356	418	329	438	805	342	3 351	469	798	941	582	578	Va.
240	210	154	254	910	510	441	593	328	305	177	197	W. Va.
309	355	292	346	214	91	67	89	1,228	1,271	872	874	N. C.
181	*229*	*178*	*173*	*38*	*24*	*14*	*15*	*665*	*845*	*535*	*458*	S. C.
406	484	308	420	188	72	51	48	1,784	2,071	1,300	1,228	Ga.
116	90	52	91	114	65	60	59	810	755	498	516	Fla.
1,628	2,031	1,593	2,072	2,496	1,318	1,155	1,465	5,439	6,207	3,453	3,301	E. S. C.
410	515	433	562	1,363	708	696	996	1,492	1,504	919	826	Ky.
307	495	416	581	795	364	290	352	1,388	1,832	1,009	872	Tenn.
392	491	363	444	143	82	56	79	1,267	1,497	827	874	Ala.
430	530	381	485	195	164	114	38	1,292	1,373	698	729	Miss.
2,250	2,296	1,730	2,589	2,194	2,909	3,359	5,319	7,022	5,758	3,451	3,526	W. S. C.
426	517	325	474	144	100	51	50	1,519	1,378	847	885	Ark.
279	218	116	250	178	130	109	110	1,328	851	518	437	La.
531	560	429	726	62	105	62	107	1,839	1,304	920	994	Okla.
1,014	1,002	860	1,139	1,809	2,573	3,137	5,052	2,336	2,226	1,166	1,210	Tex.
514	754	723	1,084	22,770	13,207	15,130	19,301	641	1,193	1,311	1,564	Mountain.
78	158	122	214	5,381	2,083	2,188	3,761	99	167	278	328	Mont.
86	143	171	216	3,010	2,356	1,746	2,216	178	240	276	318	Idaho.
33	42	39	87	5,307	1,860	2,507	3,448	34	72	100	149	Wyo.
145	234	192	295	1,426	1,813	2,244	2,780	179	450	493	550	Colo.
51	46	47	79	3,347	1,640	1,743	2,302	45	88	55	73	N. Mex.
20	39	41	45	1,227	882	1,164	1,109	17	50	19	19	Ariz.
76	81	88	122	1,827	1,692	2,355	2,866	64	99	64	98	Utah.
17	16	23	26	1,155	881	1,184	1,259	23	27	25	29	Nev.
826	1,120	1,249	1,380	5,592	5,026	5,336	6,921	1,190	1,441	845	1,140	Pacific.
186	290	319	340	476	624	516	574	206	265	198	214	Wash.
173	216	245	262	2,699	2,002	1,775	2,501	218	267	216	256	Oreg.
467	614	685	778	2,417	2,400	3,045	3,846	767	909	431	670	Calif.

[2] Less than 500. [3] No estimate.

Source: 1910, 1920, and 1925, Bureau of the Census, Department of Commerce; 1928, Department of Agriculture.

No. 610.—DOMESTIC ANIMALS ON FARMS IN THE UNITED STATES: BY AGE AND SEX, JANUARY 1, 1920 AND 1925

Class	Number (thousands) 1920	Number (thousands) 1925
Horses, total	[1] 19,767	16,401
Colts under 2 years of age	2,532	1,088
Horses 2 years old and over	17,221	15,313
Mules, total	5,432	5,681
Colts under 2 years of age	781	375
Mules 2 years old and over	4,652	5,306
Cattle, total	[1] 66,840	60,760
Beef cattle, total	[1] 35,278	35,057
Calves under 1 year of age	8,598	8,624
Heifers 1 year old and under 2 years	3,981	3,873
Cows and heifers 2 years old and over	12,625	14,909
Steers 1 year old and over	9,280	6,903
Bulls 1 year old and over	725	748
Dairy cattle, total	31,361	25,703
Calves under 1 year of age	6,865	4,328
Heifers 1 year old and under 2 years	4,049	3,069
Cattle—Continued.		
Dairy cattle—Continued.		
Cows and heifers 2 years old and over	19,675	17,645
Bulls 1 year old and over	772	661
Sheep, total	[1] 35,034	35,590
Lambs under 1 year of age	8,926	9,198
Ewes 1 year old and over	23,510	24,591
Rams and wethers 1 year old and over	2,305	1,801
Goats, total	3,459	3,370
Swine, total	[1] 59,346	50,854
Pigs under 6 months old	26,172	21,907
Sows and gilts, for breeding, 6 months old and over	11,416	8,907
All other hogs 6 months old and over, including boars	21,753	20,040

[1] Figures include 14,545 horses, not classified by age or sex; 68,671 beef cattle; 283,686 sheep; and 4,421 swine.

No. 611.—DOMESTIC ANIMALS ON FARMS IN THE UNITED STATES: NUMBER, AVERAGES, AND RATIOS, APRIL 15, 1910, AND JANUARY 1, 1920 AND 1925

NOTE.—See headnote Table 608

Item	Horses	Mules	All cattle	Dairy cows [1]	Sheep	Goats	Swine
Number:							
1910	19,833,113	4,209,769	61,803,866	17,125,471	52,447,861	2,915,125	58,185,676
1920	19,767,161	5,432,391	66,639,556	19,675,297	35,033,516	3,458,925	59,346,409
1925	16,400,623	5,680,897	60,760,366	17,644,867	35,590,159	3,370,218	50,853,526
Increase, 1920-1925: [2]							
Number	−3,366,538	248,506	−5,879,190	−2,030,430	556,643	−88,707	−8,492,883
Per cent	−17.0	4.6	−8.8	−10.3	1.6	−2.6	−14.3
Number of farms reporting:							
1910	4,692,814	1,869,005	5,284,916	5,140,869	610,894	82,755	4,351,751
1920	4,704,235	2,259,746	5,358,243	4,461,296	538,593	107,267	4,850,807
1925	[3] 5,365,513	([4])	([4])	3,728,587	430,738	91,462	3,618,624
Per cent of all farms:							
1910	73.8	29.4	83.1	80.8	9.6	1.3	68.4
1920	73.0	35.0	83.1	69.2	8.4	1.7	75.2
1925	[3] 84.2	([4])	([4])	58.5	6.8	1.4	56.8
Average number per farm reporting:							
1910	4.2	2.3	11.7	[5] 3.3	85.9	35.2	13.4
1920	4.2	2.4	12.4	4.4	65.0	32.2	12.2
1925	[3] 4.1	([4])	([4])	4.7	82.6	36.9	14.1
Average number per 1,000 acres of all land in farms:							
1910	23	5	70	19	60	3	66
1920	21	6	70	21	37	4	62
1925	18	6	66	19	39	4	55
Average number per 1,000 acres of improved land:							
1910	41	9	129	36	110	6	122
1920	39	11	132	39	70	7	118
Average value per head (dollars):							
1910	105.06	124.80	24.26	37.06	4.44	2.12	6.86
1920	90.15	143.45	54.80	76.62	11.29	5.08	16.66
1925	61.07	79.13	33.24	51.72	9.96	3.04	12.09

[1] Dairy cows 2 years old and over Jan. 1; figures for 1910 are estimated. The number of dairy cows actually reported in 1910 (1 year old and over Jan. 1) was 20,625,432.
[2] A minus sign (−) denotes decrease.
[3] Includes mules.
[4] Not available.
[5] Based on the number of farms reporting dairy cows and heifers born before Jan. 1, 1909.

Source of Tables 610 and 611: Bureau of the Census, Department of Commerce.

No. 612.—DOMESTIC ANIMALS: Receipts and Shipments at all Reporting Markets and Principal Individual Markets

[All figures in thousands]

Item and yearly average or year	Chicago	Denver	East St. Louis	Fort Worth	Kansas City	Omaha	St. Joseph	St. Paul	Sioux City	Total, 9 markets	All other markets reporting [1]	Total, all markets reporting [1, 2]
CATTLE AND CALVES												
Receipts:												
1901-1905	3,486	279	1,069	508	2,226	974	543	335	365	9,785	------	------
1906-1910	3,565	376	1,170	1,039	2,570	1,125	613	514	409	11,381	------	------
1911-1915	2,957	416	1,081	1,046	2,151	1,062	451	607	443	10,214	------	------
1916-1920	3,924	685	1,368	1,421	2,828	1,745	683	1,286	739	14,679	7,893	22,572
1921-1925	3,852	595	1,341	1,218	2,932	1,709	675	1,336	772	14,430	8,366	22,796
1926	4,012	529	1,526	1,185	2,617	1,815	679	1,910	969	15,242	8,630	23,872
1927	3,583	640	1,448	1,286	2,470	1,561	641	1,582	809	14,020	8,744	22,764
1928	3,267	667	1,315	1,211	2,210	1,518	598	1,490	813	13,089	8,387	21,478
Shipments:												
1901-1905	1,214	(1)	305	(1)	(1)	296	128	239	244	2,426	------	------
1906-1910	1,377	(1)	365	(1)	(1)	359	163	345	219	2,828	------	------
1911-1915	891	(1)	309	(1)	(1)	445	154	357	241	[3] 2,397	------	------
1916-1920	1,017	538	393	586	1,266	740	223	749	416	5,926	3,538	9,466
1921-1925	1,103	453	814	429	1,421	729	232	475	411	6,067	3,623	9,690
1926	1,061	370	994	423	1,139	650	186	612	448	5,883	3,521	9,404
1927	938	482	965	445	1,112	548	165	439	360	5,454	3,719	9,173
1928	763	505	920	470	1,155	614	189	423	409	5,448	3,563	9,011
SHEEP												
Receipts:												
1901-1905	4,477	453	581	91	1,122	1,729	692	680	51	9,876	------	------
1906-1910	4,609	712	667	136	1,665	2,202	673	605	83	11,442	------	------
1911-1915	5,317	694	874	314	2,044	3,107	793	725	286	14,154	------	------
1916-1920	4,353	1,857	613	404	1,711	3,251	832	665	404	14,090	8,747	22,837
1921-1925	4,173	1,918	575	351	1,619	2,704	974	521	279	13,114	9,457	22,571
1926	4,405	1,826	630	445	1,762	2,780	1,303	773	449	14,379	9,489	23,868
1927	3,829	1,908	574	445	1,616	2,604	1,348	705	527	13,556	10,383	23,939
1928	3,868	2,295	510	458	1,767	3,037	1,580	801	568	14,974	10,623	25,597
Shipments:												
1901-1905	1,003	(1)	83	(1)	(1)	831	188	522	25	[3] 2,712	------	------
1906-1910	1,228	(1)	102	(1)	(1)	1,190	156	469	40	[3] 3,185	------	------
1911-1915	1,088	(1)	78	(1)	(1)	1,412	183	534	76	[3] 3,371	------	------
1916-1920	1,076	1,684	98	232	653	1,703	233	472	191	6,347	5,564	11,911
1921-1925	1,306	1,746	215	215	516	1,129	228	205	90	5,650	5,999	11,649
1926	1,443	1,636	264	240	564	1,137	293	335	113	6,025	6,425	12,450
1927	1,038	1,720	206	221	492	1,114	303	261	152	5,507	6,975	12,482
1928	1,128	2,074	191	237	507	1,295	429	415	158	6,434	6,890	13,324
SWINE												
Receipts:												
1901-1905	7,695	139	1,761	244	2,540	2,297	1,812	756	1,078	18,322	------	------
1906-1910	6,963	220	2,215	630	2,899	2,220	1,845	884	1,190	19,075	------	------
1911-1915	7,225	258	2,678	465	2,611	2,540	1,837	1,379	1,520	20,513	------	------
1916-1920	8,234	382	3,214	759	2,838	3,046	2,102	2,220	2,239	25,034	17,518	42,552
1921-1925	9,041	452	3,972	416	2,695	3,297	2,042	3,092	2,742	27,749	20,219	47,968
1926	7,093	497	3,536	217	2,036	2,647	1,462	3,451	2,475	23,414	16,358	39,772
1927	7,724	457	3,710	338	1,904	2,631	1,425	3,105	2,322	23,616	17,795	41,411
1928	8,539	567	4,036	432	2,391	3,179	1,724	2,902	2,754	26,524	20,003	46,527
Shipments:												
1901-1905	1,489	(1)	324	(1)	(1)	131	98	48	340	[3] 2,430	------	------
1906-1910	1,638	(1)	711	(1)	(1)	218	68	135	198	[3] 2,968	------	------
1911-1915	1,439	(1)	891	(1)	(1)	393	121	424	419	[3] 3,687	------	------
1916-1920	1,271	20	1,244	139	478	754	201	827	884	5,824	7,894	13,718
1921-1925	2,355	77	2,559	72	772	797	437	650	1,076	8,795	8,335	17,130
1926	2,108	133	2,483	13	593	962	310	880	931	8,413	6,760	15,173
1927	2,113	124	2,624	21	510	698	297	927	693	8,007	7,036	15,043
1928	2,145	101	2,986	27	675	1,011	443	860	1,121	9,369	7,822	17,191
HORSES AND MULES												
Receipts:												
1901-1905	109	18	145	13	75	45	25	9	14	453	------	------
1906-1910	99	14	129	21	65	38	26	8	16	416	------	------
1911-1915	112	28	182	49	86	34	36	7	14	548	------	------
1916-1920	98	26	236	76	98	25	35	10	22	620	568	1,194
1921-1925	26	25	79	36	36	12	13	4	12	243	206	449
1926	18	29	53	27	29	17	9	10	19	211	180	391
1927	16	27	69	43	44	16	8	11	13	247	202	449
1928	19	24	70	43	43	18	9	11	13	250	200	450

[1] Figures not available prior to 1915. [2] Total for about 70 markets. [3] Total of six markets.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 613.—DOMESTIC ANIMALS: Receipts and Shipments at Nine Markets

[All figures in thousands. Markets covered are those named in Table 612]

Year	Cattle and calves		Sheep		Swine		Horses and mules
	Receipts	Shipments	Receipts	Shipments	Receipts	Shipments	Receipts
1906	11,143	2,750	11,716	3,427	18,930	2,722	490
1907	11,564	2,966	10,742	2,965	19,251	3,014	413
1908	11,022	2,757	10,583	2,838	22,677	3,430	363
1909	11,504	2,784	11,046	2,522	18,926	3,197	393
1910	11,570	2,885	13,126	4,170	15,582	2,469	412
1911	10,790	2,724	14,327	3,713	20,720	3,229	515
1912	10,426	2,418	14,707	3,235	20,382	3,576	481
1913	10,329	2,484	14,986	3,947	20,576	3,815	482
1914	9,466	2,173	14,372	3,337	19,044	3,525	478
1915	10,057	4,081	12,288	4,050	21,840	4,784	780
1916	11,920	4,755	13,479	5,102	26,781	5,864	810
1917	15,034	5,812	12,484	5,955	22,360	5,473	756
1918	16,781	6,405	14,050	6,518	26,607	5,624	609
1919	15,932	6,713	16,847	7,850	26,237	5,817	557
1920	13,725	5,948	13,591	6,311	23,187	6,338	401
1921	12,150	5,350	13,580	5,297	22,798	6,983	186
1922	14,590	6,677	12,253	5,484	24,601	7,056	242
1923	15,013	6,484	13,192	5,879	32,320	9,597	302
1924	15,189	6,119	13,382	5,972	32,612	11,040	245
1925	15,206	5,709	13,167	5,615	26,415	9,300	242
1926	15,242	5,883	14,379	6,025	23,414	8,413	211
1927	14,020	5,454	13,556	5,507	23,616	8,007	247
1928	13,089	5,448	14,974	6,434	26,524	9,369	250

No. 614.—DOMESTIC ANIMALS: Receipts and Stocker and Feeder Shipments at all Public Markets

[All figures in thousands]

Item	1916–1920, average	1921–1925, average	1923	1924	1925	1926	1927	1928
Cattle and calves:								
Receipts	22,570	22,796	23,211	23,695	24,067	23,872	22,763	21,478
Stocker and feeder shipments	4,610	4,144	4,553	3,978	3,823	3,712	3,615	3,966
Sheep:								
Receipts	22,837	22,572	22,025	22,201	22,100	23,868	23,939	25,597
Stocker and feeder shipments	5,014	4,150	4,478	4,676	4,332	4,623	4,992	5,011
Swine:								
Receipts	42,552	47,968	55,330	55,414	43,929	30,772	41,411	46,527
Stocker and feeder shipments	720	588	820	496	532	917	922	735

No. 615.—DOMESTIC ANIMALS: Receipts at Chicago, East St. Louis, Kansas City, and Omaha, by Months

[All figures in thousands]

Class and yearly average or year	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Cattle and calves:													
1911–1915	7,251	602	462	509	489	483	511	537	659	814	905	679	601
1916–1920	9,866	804	627	643	634	653	655	765	864	1,080	1,214	1,086	841
1921–1925	9,835	778	608	691	604	725	710	756	953	1,051	1,203	919	777
1926	9,967	732	633	752	657	719	800	768	934	1,119	1,124	997	732
1927	9,067	750	619	686	611	764	697	628	922	823	1,062	862	637
1928	8,309	708	606	574	623	666	587	643	724	908	990	692	588
Sheep:													
1911–1915	11,342	893	764	788	725	668	680	767	1,002	1,572	1,654	978	842
1916–1920	9,929	740	616	616	550	551	611	762	1,056	1,488	1,366	858	769
1921–1925	9,008	751	636	704	643	647	645	696	899	1,130	1,032	616	669
1926	9,579	605	666	851	623	584	714	680	1,008	1,436	1,018	638	696
1927	8,625	699	595	641	545	669	651	624	933	1,114	922	570	662
1928	9,181	691	701	643	612	691	644	700	930	1,272	1,126	566	596
Swine:													
1911–1915	15,052	1,593	1,439	1,347	1,158	1,202	1,284	1,677	934	889	1,084	1,315	1,640
1916–1920	17,331	2,145	1,774	1,621	1,337	1,496	1,353	1,195	968	828	1,142	1,588	1,884
1921–1925	19,006	2,157	1,813	1,584	1,410	1,525	1,618	1,404	1,250	1,176	1,400	1,677	1,902
1926	15,310	1,615	1,324	1,446	1,219	1,214	1,265	1,152	1,173	1,047	1,076	1,325	1,454
1927	15,968	1,602	1,309	1,515	1,190	1,484	1,564	1,233	1,299	931	1,013	1,295	1,473
1928	18,145	2,047	2,179	1,883	1,267	1,475	1,458	1,220	1,070	1,001	1,312	1,390	1,844

Source of Tables 613, 614, and 615: Bureau of Agricultural Economics, Department of Agriculture.

No. 616.—DOMESTIC ANIMALS: Average Farm Price and Average Chicago Market Price[1] by Calendar Years

[Milch cows dollars per head; others in dollars per 100 pounds, live weight]

Yearly average or year	Milch cows on farms, per head	Beef cattle		Calves		Sheep		Lambs		Hogs	
		Farm	Chicago	Farm	Chicago	Farm	Chicago	Farm	Chicago	Farm	Chicago
1911-1915	52.33	5.55	7.89	7.09	9.30	4.60	5.13	6.01	7.57	6.88	7.60
1916-1920	79.47	8.42	12.91	11.05	14.35	8.97	10.25	11.85	15.05	13.26	14.78
1921-1925	56.29	5.66	9.13	8.11	9.78	6.35	7.02	10.10	13.53	8.32	9.04
1914	59.34	6.24	8.65	7.83	9.90	4.79	5.56	6.34	7.99	7.52	8.30
1915	58.25	6.01	8.40	7.63	10.15	5.27	6.36	6.86	9.05	6.56	7.10
1916	66.95	6.48	9.50	8.35	10.85	6.29	7.82	8.22	10.77	8.13	9.60
1917	71.86	8.17	11.60	10.51	13.75	9.45	11.04	12.31	15.68	13.46	15.10
1918	83.07	9.46	14.65	11.91	15.75	10.95	12.44	13.93	16.98	15.85	17.45
1919	91.96	9.61	15.50	12.76	16.83	9.63	10.47	12.96	16.31	16.02	17.85
1920	89.51	8.38	13.30	11.80	14.58	8.51	9.49	11.85	15.50	12.86	13.91
1921	59.10	5.44	8.20	7.81	9.36	4.65	5.13	7.19	9.86	7.81	8.51
1922	53.56	5.43	8.65	7.68	9.15	5.96	7.15	9.76	13.68	8.32	9.22
1923	55.43	5.57	9.40	7.99	9.66	6.65	7.10	10.50	13.89	7.11	7.55
1924	55.48	5.59	9.24	8.12	9.86	6.81	7.57	10.75	14.57	7.46	8.11
1925	57.87	6.26	10.16	8.85	10.87	7.70	8.16	12.30	15.66	10.88	11.81
1926	65.51	6.46	9.47	9.61	11.61	7.43	7.25	11.56	14.26	11.75	12.34
1927	74.19	7.54	11.36	10.16	12.90	7.26	7.04	11.41	14.12	9.67	9.95
1928	89.75	9.18	13.91	11.79	14.56	7.68	7.39	12.09	14.99	8.60	9.22

[1] Prices are weighted calendar year averages, except the averages for milk cows on farms and calves, sheep, and lambs at Chicago, which are simple averages.

No. 617.—DOMESTIC ANIMALS: Monthly Average Prices at Chicago

[In dollars per 100 pounds, live weight]

Class and year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average[1]
Beef steers:[2]													
1923	8.88	8.62	8.70	8.81	9.28	9.74	9.71	10.36	10.18	9.94	9.46	8.96	9.40
1924	8.99	8.81	9.17	9.52	9.59	9.28	9.31	9.53	9.52	9.57	8.90	8.71	9.24
1925	8.97	9.15	9.93	9.99	9.90	10.34	11.28	11.10	11.04	10.80	10.16	9.72	10.16
1926	9.48	9.42	9.42	9.11	9.07	9.51	9.44	9.30	10.00	10.00	9.48	9.43	9.47
1927	9.70	9.81	10.20	10.51	10.68	11.12	11.78	12.02	12.63	13.43	13.57	13.08	11.36
1928	13.67	13.15	12.83	13.01	13.19	13.86	15.11	15.30	15.91	14.61	13.84	12.86	13.91
Calves:													
1923	10.08	10.63	9.32	8.68	9.51	9.31	10.14	10.36	10.57	9.82	8.15	9.31	9.66
1924	11.08	10.54	9.75	9.03	9.30	8.74	9.48	10.63	10.72	10.10	9.02	9.97	9.86
1925	10.72	11.94	11.24	9.49	9.42	9.56	10.91	11.94	12.18	11.19	10.60	11.30	10.87
1926	12.18	12.43	12.06	9.91	11.04	11.09	11.38	12.46	12.59	11.80	11.09	11.31	11.61
1927	12.20	12.40	11.54	10.90	11.07	11.68	13.32	14.75	15.94	14.42	13.48	13.09	12.90
1928	13.70	15.04	13.75	13.02	13.95	13.24	14.84	16.68	17.36	14.94	14.22	13.94	14.56
Sheep:													
1923	7.72	8.08	8.64	8.90	6.74	5.00	5.16	7.09	7.25	6.35	6.89	7.37	7.10
1924	8.16	9.12	10.50	10.21	8.11	5.82	5.66	6.18	5.46	6.60	6.62	8.45	7.57
1925	10.33	9.69	9.22	7.84	7.96	6.25	7.48	6.83	6.95	7.64	8.16	9.57	8.16
1926	9.72	9.18	8.82	8.87	7.97	5.85	5.97	6.50	6.25	6.12	5.88	5.86	7.25
1927	6.94	8.03	8.88	9.62	7.44	5.88	6.25	6.47	6.14	6.00	6.40	6.41	7.04
1928	7.03	8.96	9.47	10.16	8.53	6.12	6.28	6.72	6.34	6.18	5.84	7.03	7.39
Lambs:													
1923	14.60	14.85	14.56	14.42	14.12	14.81	14.22	12.89	13.52	12.93	12.75	12.96	13.89
1924	13.53	14.95	16.00	16.22	15.23	14.12	13.79	13.57	13.38	13.52	14.03	16.47	14.57
1925	18.28	17.59	16.28	14.85	13.06	15.86	15.11	14.88	15.19	15.20	15.44	16.15	15.66
1926	15.28	13.78	13.48	14.38	15.30	16.66	14.31	14.20	14.05	13.88	13.25	12.57	14.26
1927	12.64	13.28	15.27	15.87	14.75	15.66	14.25	13.68	13.46	13.70	13.80	13.14	14.12
1928	13.16	15.39	16.26	16.81	16.10	16.84	15.61	14.72	14.29	13.12	13.31	14.31	14.99
Hogs:													
1923	8.29	8.02	8.18	8.08	7.53	6.92	7.04	7.65	8.35	7.42	6.85	6.87	7.55
1924	7.10	7.06	7.35	7.36	7.34	7.04	7.68	9.38	9.57	9.91	8.97	9.38	8.11
1925	10.38	11.06	13.55	12.55	12.06	12.57	13.46	12.66	12.52	11.31	11.28	10.97	11.81
1926	12.02	12.45	12.20	12.33	13.55	14.01	12.51	11.48	12.03	12.72	11.80	11.57	12.34
1927	11.96	11.73	11.28	10.69	9.59	8.78	9.05	9.03	10.22	10.39	8.92	8.32	9.95
1928	8.25	8.08	8.08	9.28	9.67	9.91	10.65	11.53	11.89	9.57	8.83	8.61	9.22

[1] Simple averages of monthly average prices, except the averages for beef steers and hogs, which are weighted averages.
[2] Western steers not included.

Source of Tables 616 and 617: Bureau of Agricultural Economics, Department of Agriculture.

No. 618.—WHOLESALE PRICES OF MEATS AND ANIMAL PRODUCTS

[All prices are in cents per pound except for eggs which are in cents per dozen and milk in cents per quart. Relative prices based on 1923–1925=100]

Yearly average or year	Beef, native sides, New York		Steers, good to choice, Chicago		Hams, smoked, Chicago		Pork, short, clear sides, Chicago		Lard, prime contract, New York		Hogs, heavy, Chicago		Mutton, dressed, New York	
	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index	Price	Index
1891–1895	7.8	51.3	4.78	47.3	10.5	46.1	7.8	48.1	7.7	54.0	5.08	53.6	7.6	55.9
1896–1900	7.7	50.7	4.94	48.9	9.1	39.9	5.9	36.4	5.4	38.3	3.98	42.0	7.1	52.2
1901–1905	8.3	54.6	5.52	54.7	11.3	49.6	8.9	54.9	8.6	61.0	5.89	62.1	7.6	55.9
1906–1910	9.1	59.9	6.13	60.7	13.2	57.9	10.5	64.8	10.2	72.3	6.93	73.1	9.1	66.9
1911–1915	12.1	79.6	8.28	82.0	15.3	67.1	11.6	72.0	10.0	70.9	7.64	80.6	9.4	69.1
1916–1920	18.5	121.7	14.16	140.2	28.6	125.4	23.4	144.4	21.9	155.3	15.07	159.0	16.4	120.6
1921–1925	14.8	97.4	9.70	96.0	24.3	106.6	15.3	94.4	13.0	92.2	9.26	97.7	12.6	92.6
1923–1925	15.2	100.0	10.10	100.0	22.8	100.0	16.2	100.0	14.1	100.0	9.48	100.0	13.6	100.0
1924	15.1	99.3	9.67	95.7	20.2	88.6	14.4	88.9	13.3	94.3	8.49	89.6	14.5	106.6
1925	15.9	104.6	10.66	105.5	27.1	118.9	22.3	137.7	16.8	119.1	12.25	129.2	14.4	105.9
1926	15.1	99.3	9.53	94.4	30.8	135.1	20.1	124.1	15.0	106.4	12.34	130.2	14.4	105.9
1927	17.7	116.4	12.69	125.6	24.6	107.9	18.7	115.4	12.9	91.5	10.14	107.0	14.1	103.7
1928	20.9	137.5	14.49	143.5	22.8	100.0	16.3	100.6	12.3	87.2	9.63	101.6	14.2	104.4

Yearly average or year	Carcass, good native steers, Chicago		Pork, fresh loins, Chicago		Poultry, dressed fowls, Chicago [1]		Butter, creamery, extra New York		Cheese, whole milk, New York		Eggs, firsts, fresh, New York [2]		Milk, fresh, New York	
1891–1895	------	------	------	------	------	------	24.7	54.9	10.3	46.0	20.8	56.2	3.3	45.2
1896–1900	------	------	------	------	------	------	20.1	44.7	9.8	44.3	18.5	50.0	3.2	43.8
1901–1905	------	------	------	------	------	------	23.3	51.8	11.2	50.7	24.0	66.5	3.4	46.6
1906–1910	[3] 11.0	[3] 64.7	------	------	------	------	27.9	62.0	14.3	64.7	29.2	78.9	4.0	54.8
1911–1915	12.8	75.3	------	------	------	------	30.0	66.7	15.2	68.8	28.0	75.7	4.2	57.5
1916–1920	19.8	116.5	------	------	------	------	50.1	111.3	25.6	115.8	45.6	123.2	7.1	97.3
1921–1925	16.4	96.5	21.2	102.4	25.0	101.6	43.8	97.3	21.7	98.2	37.2	100.5	7.4	101.4
1923–1925	17.0	100.0	20.7	100.0	24.6	100.0	45.0	100.0	22.1	100.0	37.0	100.0	7.3	100.0
1924	17.1	100.6	19.2	92.8	24.9	101.2	42.7	94.9	19.2	86.9	36.4	98.4	6.8	93.2
1925	18.0	105.9	25.0	120.8	24.5	99.6	45.4	100.9	23.1	104.5	39.8	107.6	7.6	104.1
1926	16.4	96.5	27.8	134.3	27.1	110.2	44.3	98.4	22.7	102.7	35.6	96.2	7.7	105.5
1927	18.6	109.4	24.0	115.9	23.2	94.3	47.3	105.1	24.9	112.7	32.0	86.5	7.9	108.2
1928	22.8	134.1	22.5	108.7	22.6	91.9	47.4	105.3	25.1	113.6	32.9	88.9	8.2	112.3

[1] "Poultry iced" prior to 1923.
[2] "New laid, fair to fancy, near-by" to 1912; thereafter "firsts, freshly gathered." The absolute prices are not comparable but the index numbers are closely comparable.
[3] Average for 3 years, 1908 to 1910.

Source: Absolute prices, Bureau of Labor Statistics, Department of Labor; indexes, computed from absolute prices by Bureau of Foreign and Domestic Commerce.

No. 619.—FARM PRICES OF ANIMALS AND ANIMAL PRODUCTS

NOTE.—Prices represent weighted averages for the entire country. Annual averages are weighted according to volume marketed each month. Market year ends in July for cattle, October for hogs, May for lambs, June for chickens, and March for eggs. Quotations are as of the 15th of each month. All prices are in cents per pound except for eggs which are in cents per dozen

Year	Market year					Calendar year			
	Beef cattle	Hogs	Lambs	Chickens	Eggs	Veal calves	Sheep	Wool, unwashed	Butter
1912	4.69	6.43	5.28	10.4	18.2	6.45	4.24	18.1	25.7
1913	5.60	7.39	5.96	11.2	18.9	7.48	4.55	16.4	26.7
1914	6.12	7.60	6.03	12.0	19.8	7.83	4.79	17.7	25.1
1915	6.12	6.60	6.49	11.5	19.3	7.63	5.27	22.8	25.7
1916	6.24	7.61	7.38	12.0	19.0	8.35	6.29	27.9	28.0
1917	7.31	12.10	9.50	14.6	23.3	10.51	9.45	47.8	35.9
1918	8.92	15.78	13.60	18.4	33.0	11.91	10.95	57.9	42.7
1919	9.85	16.60	13.65	23.0	34.9	12.76	9.63	50.3	50.3
1920	9.00	13.43	13.05	24.2	41.8	11.80	8.51	39.1	54.3
1921	6.76	8.52	9.41	22.8	39.3	7.81	4.65	16.4	37.0
1922	5.18	8.10	7.83	19.3	25.3	7.68	5.96	20.8	35.3
1923	5.55	7.34	10.30	18.2	24.7	7.99	6.65	38.0	40.4
1924	5.57	7.06	10.54	18.3	25.2	8.12	6.81	36.9	39.4
1925	5.88	10.46	11.45	19.2	26.1	8.85	7.70	38.5	40.7
1926	6.40	11.63	11.98	20.7	28.3	9.61	7.43	32.5	41.1
1927	6.67	10.21	11.36	20.7	27.5	10.16	7.26	30.7	42.3
1928	8.58	8.67	11.76	19.8	24.2	11.79	7.68	36.7	43.7
December, 1928	8.94	7.93	11.41	21.2	42.9	11.82	7.20	35.6	46.3

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 620.—MEATS: Production, Exports, Imports, and Estimated Consumption, and Number of Animals Slaughtered Under Federal Inspection

Note.—**All figures except per capita in millions of pounds.** Uninspected slaughter is a rough estimate, based on ratios established at the census of 1909 and revised after the publication of more accurate data from census and other sources. The edible offal (liver, pluck, etc.) is disregarded. Figures of consumption beginning with 1916 include differences between quantities in storage at beginning and end of year

Yearly average or year (calendar)	Production			Exports	Imports (less re-exports)	Consumption	
	Estimated total	Federally Inspected	Uninspected [1]			Estimated total	Per capita (pounds)
All meat (excluding lard)[2]							
1900–1904	12,746	6,280	6,466	1,118	----------	11,414	143.8
1905–1909	14,114	7,953	6,161	942	----------	13,001	148.7
1910–1914	13,776	8,256	5,520	506	[3] 171	13,239	130.2
1915–1920	15,049	9,925	5,125	1,603	90	13,204	128.3
1921–1925	16,852	11,030	5,822	794	38	15,989	143.0
1926	17,245	11,354	5,891	465	59	16,753	143.0
1927	16,872	11,272	5,600	352	114	16,570	139.7
1928	16,955	11,317	5,638	360	143	16,569	138.0
Beef:							
1900–1904	6,154	3,227	2,927	416	----------	5,640	71.0
1905–1909	6,853	3,971	2,882	310	----------	6,472	74.0
1910–1914	6,109	3,761	2,347	79	[3] 144	6,059	63.8
1915–1920	6,541	4,681	1,860	365	66	6,143	59.6
1921–1925	6,791	4,619	2,172	44	23	6,765	61.1
1926	7,458	5,223	2,235	38	41	7,454	63.6
1927	6,826	4,783	2,043	34	82	6,926	58.4
1928	6,082	4,263	1,819	24	121	6,210	51.7
Veal:							
1900–1904	345	54	291	----------	----------	345	4.3
1905–1909	542	155	387	----------	----------	542	6.2
1910–1914	552	195	358	----------	[4] 5	553	5.8
1915–1920	665	297	368	----------	3	667	6.5
1921–1925	868	449	419	----------	4	872	7.9
1926	960	630	430	----------	4	964	8.2
1927	867	493	374	----------	8	874	7.4
1928	814	462	352	----------	8	822	6.8
Mutton and lamb:							
1900–1904	552	326	227	[5] 2	----------	551	6.9
1905–1909	504	400	165	2	----------	563	6.5
1910–1914	711	552	159	4	[4] 18	710	7.4
1915–1920	555	430	126	5	17	566	5.5
1921–1925	584	456	128	4	8	589	5.3
1926	643	501	142	2	2	642	5.5
1927	645	502	143	2	3	645	5.4
1928	671	523	148	2	3	673	5.6
Pork (excluding lard):							
1900–1904	5,695	2,674	3,021	700	----------	4,879	61.5
1905–1909	6,140	3,422	2,717	630	----------	5,409	61.8
1910–1914	6,361	3,733	2,628	422	[3] 16	5,873	61.7
1915–1920	7,273	4,513	2,760	1,233	5	5,813	56.5
1921–1925	8,607	5,506	3,101	746	4	7,754	69.4
1926	8,181	5,099	3,082	426	12	7,690	65.7
1927	8,533	5,495	3,038	316	21	8,122	68.5
1928	9,387	6,069	3,318	334	11	8,863	73.9
Lard:							
1900–1904	1,552	799	754	569	----------	983	12.4
1905–1909	1,653	975	678	607	----------	1,046	11.9
1910–1914	1,614	948	666	519	----------	1,095	11.5
1915–1920	1,877	1,178	698	556	----------	1,321	12.9
1921–1925	2,445	1,660	785	896	----------	1,552	13.9
1926	2,324	1,513	811	733	----------	1,584	13.5
1927	2,356	1,557	799	717	----------	1,634	13.8
1928	2,594	1,750	844	801	----------	1,763	14.7

NUMBER OF ANIMALS SLAUGHTERED UNDER FEDERAL INSPECTION (THOUSANDS)

Year	Cattle	Calves	Sheep	Goats	Swine	Year	Cattle	Calves	Sheep	Goats	Swine
1910–1914	7,283	2,060	13,808	93	31,986	1919	10,001	3,969	12,691	87	41,812
1915–1920	9,300	3,136	11,249	131	39,403	1920	8,609	4,058	10,982	42	38,019
1921–1925	8,979	4,550	11,891	26	46,269	1921	7,608	3,808	13,005	12	38,982
1912	7,253	2,278	14,979	73	33,053	1922	8,678	4,182	10,929	21	43,114
1913	6,978	1,902	14,406	76	34,199	1923	9,163	4,500	11,529	27	53,334
1914	6,757	1,697	14,220	176	32,532	1924	9,593	4,935	11,991	33	52,873
1915	7,153	1,819	12,212	153	38,381	1925	9,853	5,353	12,001	39	43,043
1916	8,310	2,367	11,941	199	43,084	1926	10,180	5,153	12,001	-------	40,636
1917	10,350	3,143	9,345	166	33,910	1927	9,520	4,876	12,883	-------	43,633
1918	11,820	3,456	10,320	138	41,214	1928	8,467	4,680	13,488	-------	49,795

[1] Estimated.
[2] All meat includes small quantities of goat meat.
[3] 2-year average.
[4] 1 year.
[5] 4-year average.

Source: Bureau of Animal Industry, Department of Agriculture.

No. 621.—LIVESTOCK PRODUCTS OF FARMS: SUMMARY OF CENSUS STATISTICS FOR THE UNITED STATES

Product	Quantity (thousands)					Value (thousands of dollars)		
	Unit	1899	1909	1919	1924	1909	1919	1924
Total value						1,177,975	2,666,944	2,345,219
Dairy products						596,413	1,481,402	1,269,778
Butter made on farms	Lb.	1,071,626	994,651	707,666	642,803	222,861	346,356	228,139
Cheese made on farms	do.	16,372	9,406	6,371	(1)	1,149	2,268	(4)
Whole milk sold	Gal.	2,134,830	1,937,256	2,520,331	2,666,612	252,437	717,380	555,269
Cream sold	do.	20,769	54,034	82,248	45,736	37,055	111,906	62,059
Butterfat sold	Lb.		305,663	532,244	1,061,062	82,312	303,552	415,311
Wool and mohair [2]		277,529	293,199	235,604	235,531	66,374	124,007	93,122
Wool produced [2]	Lb.	276,568	289,420	228,795	227,105	65,472	120,418	88,630
Mohair produced	do.	961	3,779	6,809	8,426	902	3,589	4,491
Poultry products [2]						509,105	1,047,195	991,319
Eggs produced [3]	Doz.	1,293,662	1,591,311	[3] 1,054,045	[3] 1,913,245	306,689	[3] 661,083	[3] 571,938
Fowls raised [2]	No.	250,624	488,468	[3] 473,201	[3] 545,848	202,506	[3] 386,112	[3] 419,381
Honey and wax					(1)	5,992	14,280	(1)
Honey produced	Lb.	61,099	54,815	55,224	(1)	5,763	13,989	(1)
Wax produced	do.	1,764	905	821	(1)	229	291	(1)

[1] Not reported.
[2] Figures include estimates for incomplete reports, as where a farmer reported sheep but no wool production, or chickens but no egg production.
[3] The 1919 and 1924 figures represent only chicken eggs and chickens raised, respectively.

Source: Bureau of the Census, Department of Commerce.

No. 622.—CHEESE: CENSUS STATISTICS OF PRODUCTION IN THE UNITED STATES AND IN LEADING STATES

NOTE.—**All figures in thousands of pounds.** All States shown separately which produced over 1,000,000 pounds in any census year shown. Total production in factories only: 1904, 317,145,000 pounds; 1914, 370,279,000 pounds; 1921, 423,360,000 pounds; 1925, 554,348,000 pounds

State	Total [1,2]		On farms [1]		In factories [1,2]			
	1909	1919	1909	1919	1909	1919	1923	1927
Total	320,532	479,940	9,406	6,371	311,126	473,569	563,640	515,462
California	4,346	12,055	2,778	2,346	1,568	9,709	9,093	10,247
Colorado	621	1,320	70	157	551	1,163	1,638	2,541
Idaho	[3] 91	2,655	91	32	(4)	2,623	4,637	8,952
Illinois	4,881	4,969	82	118	4,799	4,851	7,203	12,366
Indiana	489	378	64	109	425	269	468	3,649
Iowa	1,079	1,069	79	53	1,000	1,016	773	710
Michigan	13,673	12,934	291	77	13,382	12,857	11,154	12,994
Minnesota	2,842	10,188	106	72	2,736	10,116	9,311	9,389
Missouri	379	279	160	90	219	189	1,058	2,781
Montana	[3] 50	[3] 43	50	43	(4)	(4)	(4)	1,392
New York	105,585	89,479	390	521	105,195	88,958	76,129	57,746
Ohio	12,474	5,655	613	434	11,861	5,221	6,086	8,582
Oregon	4,388	9,468	169	44	4,219	9,424	11,888	15,348
Pennsylvania	12,677	15,971	1,443	532	11,234	15,439	14,841	13,389
Utah	1,144	1,145	84	74	1,060	1,071	2,209	2,107
Vermont	3,009	4,984	246	76	2,763	4,908	3,607	1,530
Washington	475	2,376	53	85	422	2,291	4,773	6,291
Wisconsin	148,907	299,014	841	308	148,066	298,706	392,349	327,363
Wyoming	[3] 10	1,509	10	7	(4)	1,502	1,791	2,172
All other States	3,412	4,449	1,786	1,193	1,626	3,256	3,072	6,902

[1] Includes data for soft cheese, such as cottage, pot, and bakers.
[2] The figures are exclusive of the small amount of cheese made as an incidental product in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk.
[3] Excludes cheese made in factories which is included in "All other States."
[4] Included in "All other States."

Source: Bureau of the Census, Department of Commerce.

No. 623.—MILK AND BUTTER: CENSUS STATISTICS, BY STATES

NOTE.—United States butter production (pounds)—Total: 1879, 793,721,000; 1889, 1,205,508,000. In factories: 1909, 624,765,000; 1914, 769, 810, 000; 1921, 1,118,204,000; 1923, 1,303,499,000.; 1925, 1,444,288,000. On farms: 1919, 707,666,000

Division and State	Milk produced, total including estimates (thousands of gallons)			Milk sold by farmers (thousands of gallons)		Butter made (thousands of pounds)			
	1909	1919	1924	1919	1924	1909, total [1]	1924 Total [2]	1924 On farms	1927, in factories only [1]
United States	7, 466, 406	7, 805, 144	9, 198, 304	2, 520, 331	2, 666, 612	1, 619, 415	2, 087, 091	642, 803	1, 549, 457
New England	400, 648	385, 639	402, 765	208, 464	205, 540	(3)	[4] 31, 264	18, 196	
Maine	69, 784	77, 677	70, 949	28, 191	18, 289	15, 405	9, 581	9, 241	191
New Hampshire	44, 461	42, 556	38, 149	23, 043	21, 027	6, 805	2, 573	2, 470	(3)
Vermont	122, 919	122, 096	127, 957	55, 319	40, 357	35, 303	13, 821	3, 402	5, 986
Massachusetts	90, 438	76, 316	86, 575	55, 677	65, 849	5, 253	3, 663	1, 456	3, 083
Rhode Island	12, 178	12, 099	13, 504	9, 314	11, 392	(3)	132	132	(3)
Connecticut	59, 829	54, 894	65, 631	36, 920	48, 627	5, 449	[5] 1, 494	1, 494	356
Middle Atlantic	1, 272, 849	1, 248, 168	1, 264, 502	879, 984	883, 181	165, 393	[4] 83, 524	53, 545	(3)
New York	783, 479	756, 046	741, 983	573, 162	552, 804	69, 359	40, 627	22, 106	12, 380
New Jersey	80, 606	70, 491	76, 245	56, 377	60, 908	4, 391	[5] 945	945	(3)
Pennsylvania	411, 735	421, 631	446, 273	250, 445	269, 469	91, 642	41, 952	30, 494	11, 584
East North Central	1, 980, 106	2, 246, 680	2, 614, 917	948, 491	920, 994	424, 138	531, 172	87, 892	444, 568
Ohio	362, 050	396, 318	425, 834	139, 004	159, 816	81, 060	107, 930	23, 309	86, 180
Indiana	216, 688	238, 704	270, 903	45, 167	66, 002	54, 894	68, 512	14, 172	61, 139
Illinois	395, 934	370, 487	435, 133	159, 579	196, 557	71, 181	85, 066	22, 889	65, 752
Michigan	352, 858	382, 823	424, 236	130, 804	144, 911	85, 917	91, 879	20, 350	68, 081
Wisconsin	667, 498	858, 259	1, 058, 751	473, 817	353, 649	131, 085	177, 785	7, 172	103, 416
West North Central	1, 731, 472	1, 718, 410	2, 275, 079	129, 303	167, 103	444, 724	815, 700	124, 119	760, 379
Minnesota	400, 191	475, 507	663, 638	43, 152	50, 829	123, 552	283, 975	16, 825	278, 030
Iowa	489, 504	361, 426	515, 909	31, 356	35, 379	127, 262	191, 513	23, 328	186, 443
Missouri	220, 959	228, 908	273, 956	17, 901	30, 297	52, 367	87, 873	25, 937	72, 768
North Dakota	100, 559	138, 607	199, 037	3, 047	3, 038	20, 098	47, 180	14, 773	33, 689
South Dakota	117, 215	124, 425	172, 968	2, 698	5, 145	23, 125	40, 026	10, 926	35, 597
Nebraska	198, 306	168, 083	197, 601	10, 182	13, 876	49, 960	98, 678	15, 037	96, 306
Kansas	217, 888	221, 454	251, 969	20, 969	28, 539	48, 360	66, 455	17, 293	58, 037
South Atlantic	517, 876	517, 728	567, 849	81, 264	120, 956	(3)	[4] 115, 315	108, 097	
Delaware	10, 962	11, 356	13, 037	6, 876	8, 552	2, 190	[5] 812	812	(3)
Maryland	59, 736	58, 754	74, 043	29, 843	42, 983	9, 858	6, 000	5, 255	165
Dist. of Columbia	611	512	481	129	439	6	5	5	
Virginia	104, 391	110, 942	127, 447	17, 009	24, 241	26, 810	28, 281	24, 232	5, 489
West Virginia	75, 694	73, 699	76, 621	6, 779	10, 425	(3)	16, 744	16, 055	373
North Carolina	96, 999	95, 748	108, 152	7, 000	11, 222	26, 060	26, 795	25, 360	2, 134
South Carolina	50, 274	52, 955	49, 982	2, 871	3, 214	12, 330	12, 857	12, 556	388
Georgia	100, 210	101, 616	98, 822	7, 390	11, 310	27, 324	[5] 22, 277	22, 277	2, 514
Florida	12, 532	12, 156	19, 265	3, 307	8, 571	1, 705	1, 544	1, 544	(3)
East South Central	468, 882	458, 942	499, 612	32, 803	47, 541	(3)	140, 638	107, 259	42, 923
Kentucky	140, 983	146, 561	165, 921	12, 469	17, 405	38, 681	42, 989	28, 595	20, 182
Tennessee	129, 450	130, 286	148, 759	9, 831	15, 591	39, 828	44, 770	32, 461	13, 533
Alabama	97, 884	93, 904	95, 365	6, 409	7, 128	(3)	28, 868	27, 705	1, 390
Mississippi	96, 227	88, 192	89, 567	4, 094	7, 326	28, 731	24, 011	18, 498	7, 818
West South Central	521, 896	459, 371	586, 777	36, 808	64, 553	(3)	140, 539	109, 151	52, 853
Arkansas	97, 932	87, 624	98, 769	4, 332	5, 758	30, 268	24, 906	23, 962	1, 081
Louisiana	48, 284	32, 973	37, 870	5, 334	10, 935	(3)	4, 319	4, 319	252
Oklahoma	134, 291	135, 821	177, 597	7, 782	12, 358	31, 167	41, 501	25, 519	28, 505
Texas	240, 286	202, 954	274, 541	19, 360	35, 502	67, 127	69, 813	55, 351	23, 015
Mountain	174, 404	260, 412	362, 431	47, 821	54, 858	(3)	86, 762	21, 709	72, 293
Montana	26, 437	51, 251	73, 185	5, 102	6, 175	4, 128	20, 158	5, 416	14, 125
Idaho	30, 981	52, 365	78, 505	6, 303	8, 805	5, 900	20, 108	3, 662	20, 467
Wyoming	9, 744	14, 543	24, 318	2, 145	2, 112	1, 976	3, 971	1, 760	2, 247
Colorado	51, 670	79, 493	96, 649	16, 087	17, 703	12, 208	24, 245	5, 245	20, 565
New Mexico	10, 959	12, 738	19, 027	1, 626	3, 987	(3)	2, 041	1, 707	284
Arizona	11, 227	14, 371	18, 416	6, 707	6, 835	1, 380	2, 589	761	2, 148
Utah	26, 306	29, 340	40, 847	9, 051	7, 507	6, 220	10, 895	2, 913	10, 266
Nevada	6, 543	6, 312	11, 483	801	1, 734	1, 444	2, 754	244	2, 191
Pacific	392, 405	509, 794	622, 373	164, 392	201, 885	84, 780	139, 374	12, 835	131, 000
Washington	92, 185	140, 525	169, 846	63, 575	45, 819	18, 054	34, 469	5, 090	31, 502
Oregon	71, 953	92, 845	112, 218	22, 878	25, 598	14, 141	26, 804	3, 901	24, 391
California	229, 460	276, 424	340, 309	77, 938	130, 468	52, 585	78, 101	3, 844	75, 107

[1] Figures given are exclusive of small amounts of butter made as an incidental product in establishments engaged primarily in the manufacture of products other than butter, cheese, or condensed milk.
[2] Includes butter made on farms in 1924 and in factories in 1925.
[3] Not shown separately, as to do so would disclose individual operations.
[4] Excludes small amount of butter made in factories of one or two States in this group.
[5] Excludes butter made in factories.

Source: Bureau of the Census, Department of Commerce.

No. 624.—DAIRY PRODUCTS: Factory Production by Detailed Classes

[In thousands of pounds]

Manufactured product	1922	1923	1924	1925	1926	1927
Creamery butter	1,153,515	1,252,214	1,356,080	1,361,526	1,451,766	1,496,495
Whey butter (made from whey cream)	2,291	1,904	1,665	1,774	2,872	1,217
Renovated or process butter	4,448	2,802	2,813	2,519	2,505	4,286
American cheese (whole milk)	282,806	308,108	324,695	347,240	335,915	307,777
American cheese (part skim)	2,164	2,145	2,470	2,793	2,927	3,390
American cheese (full skim)	2,500	2,033	1,605	3,298	1,384	1,888
Swiss cheese (including block)	19,983	24,555	21,844	23,457	20,883	18,141
Brick and Munster cheese	37,194	33,250	32,052	34,101	31,048	31,546
Limburger cheese	7,383	7,100	9,734	9,163	9,039	8,842
Cottage, pot, and bakers' cheese	32,389	35,527	54,347	59,485	67,977	75,679
Cream and Neufchatel cheese	9,936	10,334	14,945	17,575	18,192	25,962
All Italian varieties of cheese	2,627	2,132	1,973	1,562	2,425	3,377
All other varieties of cheese	5,387	5,040	4,622	4,325	5,003	5,763
Sweetened condensed milk:						
Skimmed	79,964	104,984	98,625	117,333	148,771	145,345
Unskimmed	260,748	240,918	234,710	231,565	210,681	201,023
Unsweetened evaporated milk:						
Skimmed	70,640	84,451	94,686	92,948	128,743	134,185
Unskimmed	1,019,997	1,344,528	1,272,527	1,316,012	1,245,309	1,375,160
Sterilized milk (canned same as condensed)	330	80	488	1,576	1,286	----------
Condensed or evaporated buttermilk	44,343	54,833	66,837	77,079	86,687	99,180
Dried or powdered buttermilk	9,007	13,032	18,058	20,246	31,378	38,435
Powdered whole milk	5,599	6,560	7,887	8,931	10,768	11,464
Powdered skimmed milk	40,617	62,251	69,219	73,317	91,718	118,123
Powdered cream	118	328	1,018	339	331	338
Dried casein (skim-milk product)	6,907	14,500	20,683	16,468	16,893	18,033
Dried casein (buttermilk product)	20	48	76	192	60	
Malted milk	13,659	15,331	15,880	18,050	20,673	22,116
Milk sugar (crude)	2,191	2,872	3,331	5,655	4,476	4,077
Ice cream of all kinds [1]	161,609	183,412	181,564	214,382	215,248	226,756

[1] Production of ice cream shown in thousands of gallons.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 625.—MILK: Production and Uses in the United States (Estimates)

Purpose for which milk is used	1926				1927 (preliminary)			
	Whole milk used	Per cent of milk used for manufacture	Milk used per pound of product	Product manufactured	Whole milk used	Per cent of milk used for manufacture	Milk used per pound of product	Product manufactured
	Million pounds		*Pounds*	*Million pounds*	*Million pounds*		*Pounds*	*Million pounds*
Butter:								
Creamery	30,487	53.8	21	1,452	31,426	54.5	21	1,496
Farm	12,915	22.7	21	615	12,600	21.8	21	600
Cheese, all kinds	4,274	7.5	10	427	4,067	7.1	10	407
Milk:								
Condensed and evaporated	4,334	7.6	2.5	1,734	4,630	8.0	2.5	1,856
Powdered	87	.2	8	11	92	.2	8	11
Malted	45	.1	2.2	21	40	.1	2.2	18
Sterilized, canned	1	----------	1	1	----------	----------	----------	----------
Chocolate	172	.3	----------	----------	183	.3	----------	----------
Cream, powdered	6	----------	19	(1)	6	----------	19	(1)
Ice cream	4,404	7.8	[2] 13.75	[3] 325	4,615	8.0	[2] 13.75	[3] 336
Total milk for manufacture	[4] 56,785	100.0	----------	----------	57,668	100.0	----------	----------
Milk used otherwise:								
Household purposes	56,417	----------	----------	----------	(5)	----------	----------	----------
Fed to calves	3,942	----------	----------	----------	3,708	----------	----------	----------
Waste, loss, and unspecified	3,623	----------	----------	----------	(5)	----------	----------	----------
Total milk produced	120,766	----------	----------	----------	(5)	----------	----------	----------

[1] Less than 500,000 pounds. [2] Milk used per gallon of ice cream.
[3] Millions of gallons. Includes estimated amounts made in homes and small establishments not reporting.
[4] In 1926 milk used for manufacture equaled 47 per cent of total milk produced. [5] Not yet available.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 626.—BUTTER AND CHEESE: Production, Gross Receipts at Five Principal Markets, and Cold-Storage Holdings

Note.—All figures in thousands of pounds. Cheese production relates to the grade "American" (whole milk) only, receipts to all kinds

Product and market	1918–1922, average	1923	1924	1925	1926	1927	1928
BUTTER							
Production, creamery	951, 666	1, 252, 214	1,350, 080	1, 361, 526	1, 451, 766	1, 496, 495	1, 479, 198
Receipts (5 markets)	573, 818	646, 423	696, 905	681, 727	679, 480	689, 575	676, 958
New York	212, 346	243, 764	248, 759	244, 127	252, 742	261, 322	250, 593
Chicago	209, 375	225, 892	258, 083	254, 308	236, 546	235, 200	230, 514
Philadelphia	52, 563	68, 598	76, 731	72, 064	70, 345	81, 727	84, 495
Boston	75, 537	82, 659	86, 921	82, 476	83, 243	84, 617	87, 324
San Francisco	23, 997	25, 510	26, 411	28, 752	27, 604	26, 709	24, 032
Cold-storage holdings, Dec. 1	66, 283	51, 508	100, 832	74, 754	64, 381	83, 224	70, 985
CHEESE							
Production, American	260, 599	308, 108	324, 695	347, 240	335, 915	307, 777	330, 819
Receipts (5 markets)	----------	219, 037	215, 056	223, 556	207, 888	218, 248	196, 613
New York	52, 343	49, 425	42, 959	46, 163	45, 363	46, 937	48, 272
Chicago	----------	123, 645	130, 024	131, 129	115, 104	123, 653	97, 204
Philadelphia	----------	18, 363	16, 866	19, 095	19, 454	20, 396	21, 039
Boston	14, 086	15, 914	13, 725	15, 314	15, 437	14, 588	17, 362
San Francisco	9, 964	11, 690	11, 482	11, 855	12, 530	12, 694	12, 676
Cold-storage holdings, Dec. 1:							
American	39, 880	55, 105	58, 705	66, 495	63, 881	53, 447	74, 325
All other	14, 182	17, 518	18, 889	18, 066	17, 203	17, 288	15, 645

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BUTTER												
Production, creamery:												
1926	97, 893	94, 222	112, 432	121, 049	155, 912	178, 276	159, 554	133, 294	116, 732	103, 068	88, 481	99, 853
1927	97, 965	95, 522	111, 451	126, 415	168, 808	188, 792	170, 484	146, 808	113, 546	102, 399	86, 058	88, 247
1928	103, 860	96, 768	108, 437	117, 758	156, 020	182, 016	167, 750	142, 687	119, 084	104, 702	87, 522	92, 594
Receipts (5 markets):												
1926	46, 809	46, 809	54, 646	53, 990	64, 053	89, 993	81, 053	59, 849	52, 985	45, 280	40, 588	42, 825
1927	44, 756	45, 502	53, 633	57, 208	75, 535	89, 773	79, 670	68, 055	50, 055	45, 425	39, 895	39, 978
1928	50, 095	47, 797	54, 300	52, 158	63, 582	81, 318	75, 901	64, 531	52, 481	48, 907	42, 796	43, 092
CHEESE												
Production, American:												
1926	19, 519	19, 984	25, 216	29, 221	38, 598	46, 320	40, 164	33, 239	28, 809	23, 164	16, 386	15, 295
1207	16, 600	17, 085	21, 318	24, 533	34, 704	41, 489	38, 195	31, 944	25, 783	23, 012	16, 717	16, 337
1928	17, 806	18, 784	23, 196	27, 780	36, 794	44, 482	39, 543	33, 788	29, 989	24, 771	17, 727	16, 159
Receipts (5 markets):												
1926	14, 853	13, 568	15, 055	15, 531	14, 972	21, 777	21, 973	20, 736	18, 784	18, 699	15, 954	15, 986
1927	12, 707	14, 916	14, 956	16, 922	21, 301	22, 134	24, 134	22, 556	21, 522	18, 996	14, 278	13, 826
1928	14, 409	13, 715	14, 654	15, 139	16, 253	19, 216	21, 741	18, 728	18, 222	18, 665	14, 179	11, 692

No. 627.—BUTTER AND CHEESE PRICES

Note.—Prices in cents per pound. Farm price represents weighted average of farm-made butter for entire country. Wholesale prices are for 92-score creamery butter and for American No. 1 cheese

Year	Butter, farm price		Wholesale, New York, annual averages	
	June 15	Dec. 15	Butter	Cheese
1915	24. 5	28. 0	30	15
1916	26. 1	34. 2	34	19
1917	34. 2	42. 5	43	24
1918	38. 4	53. 8	51	27
1919	48. 2	60. 6	61	32
1920	52. 6	51. 8	61	20
1921	29. 2	40. 7	43	21
1922	33. 1	42. 0	41	20
1923	37. 0	45. 8	47	25
1924	36. 3	41. 8	43	20
1925	38. 2	46. 0	45	24
1926	39. 5	45. 5	44	[1] 23
1927	40. 4	45. 7	47	[2] 25
1928	42. 2	46. 3	47	[3] 25

Month	Butter, farm price		Wholesale, New York			
			Butter		Cheese	
	Average, 1913–1924	1928	Average, 1913–1924	1928	Average, 1913–1924	1928
Average	37. 3	43. 7	43	47	22	[3] 25
January	39. 5	45. 2	46	49	23	27
February	37. 9	43. 9	44	47	22	24
March	37. 1	43. 9	44	49	22	23
April	36. 8	44. 0	43	45	21	22
May	35. 6	42. 9	39	45	21	23
June	34. 0	42. 2	38	44	20	25
July	34. 1	42. 4	38	45	21	26
August	35. 2	42. 8	39	47	21	26
September	36. 8	44. 3	42	49	22	27
October	38. 7	45. 2	45	48	[4] 23	------
November	40. 5	45. 6	48	51	[4] 23	26
December	41. 7	46. 3	49	50	[5] 24	26

[1] 10-month average. [2] 7-month average. [3] 11-month average. [4] 11-year average. [5] 10-year average.

Source of Tables 000 and 000: Bureau of Agricultural Economics, Department of Agriculture.

No. 628.—OLEOMARGARINE: PRODUCTION AND MATERIALS USED

NOTE.—**All figures in thousands of pounds.** Figures for production by kind of oil used are as reported to the Bureau of Agricultural Economics, Department of Agriculture, while other production figures are as reported to the Commissioner of Internal Revenue for taxation purposes. Colored oleomargarine is taxed 10 cents per pound; uncolored, ¼ cent per pound

Year ended June 30—	Oleomargarine production		
	Total	Colored	Uncolored
1910	141, 862	6, 177	135, 685
1911	121, 163	5, 831	115, 332
1912	128, 601	6, 236	122, 365
1913	145, 228	6, 520	138, 708
1914	144, 021	6, 384	137, 637
1915	145, 810	7, 595	138, 215
1916	152, 510	6, 749	145, 761
1917	233, 170	8, 012	225, 158
1918	326, 529	6, 595	319, 934
1919	359, 217	13, 849	345, 368
1920	391, 283	15, 624	375, 659
1921	281, 082	11, 601	269, 481
1922	190, 950	6, 604	184, 346
1923	209, 182	8, 260	200, 922
1924	239, 699	11, 548	228, 151
1925	215, 403	11, 280	204, 123
1926	248, 047	13, 181	234, 866
1927	257, 157	14, 502	242, 655
1928	294, 699	15, 351	279, 348
1927 [1]			
Total	272, 602	14, 555	258, 047
Combined animal and vegetable oil	118, 979	9, 508	109, 471
Exclusively vegetable oil	153, 623	5, 047	148, 576
1928 [1]			
Total	307, 035	15, 414	292, 521
Combined animal and vegetable oil	111, 621	9, 889	101, 732
Exclusively vegetable oil	196, 314	5, 525	190, 789

District or material	Year ended June 30—			
	1925	1926	1927	1928
PRODUCTION BY STATES				
California	18, 580	23, 597	21, 956	29, 072
Illinois	107, 993	116, 565	125, 528	140, 882
Indiana	3, 225	3, 375	3, 721	3, 482
Kansas	13, 921	18, 691	19, 405	20, 482
Maryland	3, 891	4, 772	5, 860	7, 234
Massachusetts	3, 051	3, 144	2, 723	3, 100
Michigan	730	659	666	825
Minnesota	2, 581	3, 323	3, 138	1, 849
Missouri	9, 365	11, 622	11, 593	11, 848
Nebraska	1, 590	2, 288	2, 419	2, 657
New Jersey	19, 761	22, 606	21, 271	28, 673
New York	3, 206	3, 290	728	-------
Ohio	16, 665	18, 475	19, 341	25, 459
Oregon	1, 284	2, 199	2, 358	2, 900
Rhode Island	1, 375	1, 194	935	828
Texas	1, 683	2, 468	2, 862	3, 025
Wisconsin	4, 282	6, 397	9, 353	9, 051
All other	2, 220	3, 292	3, 300	3, 332
MATERIAL CONSUMED				
Total	266, 234	307, 460	316, 085	361, 069
Oleo oil	44, 102	47, 418	48, 741	45, 477
Coconut oil	79, 449	98, 307	107, 564	141, 000
Cottonseed oil	20, 966	25, 608	23, 372	24, 801
Milk	61, 924	72, 662	73, 700	83, 115
Peanut oil	4, 392	5, 257	4, 872	5, 459
Salt	18, 725	20, 593	21, 683	25, 024
Oleostearine	5, 250	5, 314	5, 145	5, 532
Neutral lard	25, 674	25, 172	24, 872	25, 036
Oleo stock	3, 183	3, 082	2, 552	1, 738
Butter	1, 509	2, 330	2, 070	2, 484
Miscellaneous	1, 060	1, 717	1, 514	1, 403

[1] Calendar year.

Source: Commissioner of Internal Revenue, Treasury Department, and Bureau of Agricultural Economics, Department of Agriculture.

No. 629.—POULTRY ON FARMS: NUMBER AND VALUE

NOTE.—The farms reporting fowls constituted 87.8 per cent of all farms in 1910, 90.8 per cent in 1920, while farms reporting chickens formed 90.5 per cent of all farms in 1920 and 86.4 per cent in 1925. There were 337 fowls per 1,000 acres of land in farms in 1910 and 390 in 1920

Item	Number of fowls (thousands)					Value (thousands of dollars)		
	1890	1900	1910	1920	1925	1910	1920	1925
Poultry, total [1]	**285, 609**	**250, 624**	**295, 880**	**372, 825**	(2)	**154, 663**	**373, 394**	(2)
Chickens	258, 871	233, 566	280, 341	359, 537	409, 291	140, 193	349, 509	379, 011
Turkeys	10, 754	6, 595	3, 689	3, 627	(2)	6, 606	12, 905	(2)
Ducks	7, 544	4, 786	2, 907	2, 818	(2)	1, 567	3, 374	(2)
Geese	8, 440	5, 677	4, 432	2, 939	(2)	3, 195	5, 429	(2)
Guinea fowls	(3)	(3)	1, 765	2, 410	(2)	613	1, 582	(2)
Pigeons	(2)	(2)	2, 731	1, 494	(2)	762	538	(2)
Ostriches	(2)	1	5	(4)	(2)	1, 696	58	(2)

[1] The 1910 totals include small numbers of peafowls, pheasants, and India jungle fowls.
[2] Not reported.
[3] Included with chickens.
[4] Less than 500.

Source: Bureau of the Census, Department of Commerce.

No. 630.—CHICKENS ON FARMS, CHICKENS RAISED, AND EGGS PRODUCED

NOTE.—For additional figures for United States as a whole, see Table 621

Division and State	Chickens on hand (thousands)			Chickens raised (thousands) [1]			Eggs produced (thousands of dozens) [1]		
	1910 [2] (Apr. 15)	1920 (Jan. 1)	1925 (Jan. 1)	1909	1919	1924	1909	1919	1924
United States	280,341	359,537	409,291	460,611	473,201	545,848	1,574,979	1,654,045	1,913,245
New England	6,840	5,804	8,138	10,757	8,376	13,439	54,669	37,632	56,540
Maine	1,705	1,403	1,900	2,555	1,908	2,838	14,876	9,977	13,613
New Hampshire	903	771	1,207	1,363	1,071	2,442	7,469	5,005	8,181
Vermont	912	800	941	1,247	1,016	1,339	7,002	5,167	6,372
Massachusetts	1,710	1,455	2,030	3,055	2,401	3,631	13,961	9,604	14,325
Rhode Island	393	254	361	570	434	519	2,862	1,537	2,275
Connecticut	1,218	1,120	1,699	1,968	1,546	2,670	8,498	6,341	11,775
Middle Atlantic	24,449	27,452	34,829	34,071	31,059	39,779	159,465	151,453	216,632
New York	10,232	10,415	13,409	13,394	11,873	14,941	71,191	62,175	87,167
New Jersey	2,320	2,534	4,114	4,329	3,523	5,492	14,591	13,280	27,417
Pennsylvania	11,896	14,503	17,306	16,348	15,664	19,346	73,683	75,998	102,048
East North Central	69,471	84,516	89,623	98,896	99,252	113,867	389,257	400,445	441,682
Ohio	16,850	20,233	20,927	22,777	22,458	26,937	100,284	102,377	112,893
Indiana	13,216	16,754	17,355	22,099	22,618	25,267	80,029	83,101	86,975
Illinois	20,564	25,121	25,738	31,059	29,894	32,204	99,118	105,758	113,021
Michigan	9,698	10,914	12,579	12,530	12,442	15,276	59,556	55,987	68,209
Wisconsin	9,143	11,495	13,023	10,431	11,840	14,194	50,269	53,222	60,584
West North Central	85,192	105,348	123,101	118,998	126,763	158,864	442,198	474,592	543,558
Minnesota	10,294	13,213	16,408	11,412	15,062	20,352	53,324	60,250	76,322
Iowa	22,692	27,747	30,275	28,970	31,076	38,185	108,663	120,697	133,776
Missouri	19,910	24,884	28,222	30,413	29,363	34,596	110,922	117,204	129,291
North Dakota	3,095	4,329	5,181	3,829	5,324	5,722	17,069	20,820	20,988
South Dakota	4,924	6,642	7,906	5,803	7,638	10,607	24,641	30,352	35,104
Nebraska	9,011	11,615	13,500	14,724	15,797	20,310	46,461	49,133	54,811
Kansas	15,266	16,919	21,609	23,846	22,503	29,091	81,088	76,137	93,267
South Atlantic	25,627	36,408	41,120	65,059	65,374	66,752	134,290	144,662	153,799
Delaware	786	949	1,365	1,401	1,205	1,582	4,395	3,908	6,381
Maryland	2,651	3,436	4,198	5,420	5,258	6,025	15,239	15,086	20,069
District of Columbia	7	10	16	14	14	10	51	43	69
Virginia	5,685	7,860	9,221	15,183	14,227	15,892	34,539	36,551	39,044
West Virginia	3,107	4,028	4,349	5,205	4,873	5,305	18,948	21,708	22,125
North Carolina	4,566	7,393	8,558	13,766	14,047	15,057	23,179	24,841	25,587
South Carolina	2,695	3,954	4,238	8,062	9,016	7,830	10,983	12,812	11,109
Georgia	4,890	7,222	7,043	13,706	14,588	12,284	20,606	23,182	19,838
Florida	1,240	1,555	2,130	2,301	2,146	2,766	6,349	6,531	9,577
East South Central	24,495	34,092	34,969	55,684	51,071	51,103	127,309	138,152	113,735
Kentucky	8,000	10,478	11,036	17,573	15,507	16,445	43,782	42,225	37,045
Tennessee	7,341	11,354	11,861	15,865	15,554	16,148	41,244	48,707	41,039
Alabama	4,590	5,918	6,284	11,383	10,180	9,527	21,946	23,437	19,467
Mississippi	4,563	6,342	5,788	10,863	9,830	8,982	20,337	23,783	16,185
West South Central	29,176	39,919	43,835	54,701	57,329	60,998	163,644	157,008	160,425
Arkansas	5,183	6,955	7,164	9,674	9,111	9,870	26,487	28,168	23,923
Louisiana	3,259	3,764	3,907	5,830	5,571	5,434	14,423	13,136	10,472
Oklahoma	8,015	11,137	13,023	15,337	16,817	19,670	45,357	45,440	51,477
Texas	12,720	18,063	19,741	23,860	25,830	26,025	77,378	70,264	74,552
Mountain	5,467	9,524	12,299	8,432	13,037	15,537	35,233	49,993	66,278
Montana	923	2,055	2,545	1,367	3,227	3,067	5,950	11,858	13,403
Idaho	1,012	1,655	2,029	1,589	2,250	2,540	6,434	8,605	11,708
Wyoming	325	621	809	495	894	1,121	2,071	3,166	4,337
Colorado	1,644	2,875	3,752	2,585	3,881	5,006	10,578	14,172	18,561
New Mexico	510	714	937	894	921	1,123	2,961	3,063	4,975
Arizona	253	495	636	374	569	756	1,732	2,525	3,741
Utah	674	955	1,367	947	1,107	1,644	4,645	5,709	9,017
Nevada	127	155	225	181	188	280	863	895	1,436
Pacific	9,623	16,474	21,377	14,014	20,939	25,507	68,944	100,106	160,595
Washington	2,204	3,548	5,363	3,611	4,860	7,059	16,374	21,357	42,030
Oregon	1,753	2,500	3,229	2,555	3,150	4,066	11,835	14,626	20,658
California	5,666	10,427	12,785	7,849	12,929	14,383	40,735	64,124	97,907

[1] Including estimates for incomplete reports.
[2] The figures for 1910 are exclusive of 4,171 pheasants and 3 India jungle fowls, which were included with chickens in the 1910 census report.

Source: Bureau of the Census, Department of Commerce.

No. 631.—POULTRY: Farm Prices and Receipts at Principal Markets.

[Prices in cents per pound; receipts in thousands of pounds]

	1914–1920, average	1922	1923	1924	1925	1926	1927	1928
Chickens, average farm price	18.0	19.1	19.0	19.2	20.3	21.9	20.3	21.2
Turkeys, average farm price, Nov. 15	22.0	29.5	27.9	24.2	28.3	29.8	30.8	31.2
Dressed poultry, receipts:								
Boston	--------	44,563	56,013	61,264	46,720	53,162	53,305	55,583
New York	--------	138,212	163,948	179,362	170,257	192,895	188,117	194,376
Philadelphia	--------	21,319	24,611	27,640	29,295	32,126	31,822	31,844
Chicago	--------	73,661	90,273	88,464	72,086	77,632	63,735	67,180

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Chickens, average farm price:												
1927	20.1	21.1	21.3	21.8	21.7	20.2	19.9	19.7	19.4	19.7	19.4	19.2
1928	19.6	20.1	20.1	20.8	21.5	21.5	21.9	21.6	22.3	22.0	21.5	21.2
Receipts of poultry, 1927:												
Boston	4,318	3,610	2,440	2,398	3,653	3,455	2,996	3,612	3,404	4,663	8,511	10,245
New York	12,954	8,957	8,722	7,770	11,633	13,635	12,168	14,589	15,470	17,682	31,740	32,797
Philadelphia	2,885	2,006	2,005	1,769	1,695	1,608	1,398	1,918	2,530	2,613	4,432	6,903
Chicago	6,495	3,546	2,195	1,835	2,872	2,257	1,227	2,257	2,531	3,752	15,739	19,029
Receipts of poultry, 1928:												
Boston	4,591	3,756	4,137	2,877	3,285	3,290	3,899	3,468	3,555	4,680	7,716	10,329
New York	14,999	11,064	9,322	9,703	10,628	11,127	13,252	13,850	14,332	21,799	31,846	32,454
Philadelphia	2,373	1,601	1,885	1,359	1,553	2,177	1,931	1,763	2,007	2,965	4,925	7,210
Chicago	6,639	3,591	2,216	1,876	2,137	1,977	2,771	2,829	3,580	5,719	15,301	18,544

No. 632.—EGGS: Prices, Receipts at Principal Markets, and Storage

[Prices in cents per dozen; receipts and storage in thousands of cases]

	1910–1914, average	1921–1925, average	1926	1927	1928
Average farm price	22	31	31	28	27
Wholesale prices:					
Western firsts, Boston	25	37	36	32	35
Fresh firsts, New York	25	37	36	32	33
Western extra firsts, Philadelphia	26	40	39	36	38
Fresh firsts, Chicago	22	34	34	30	32
Fresh extras, San Francisco	32	41	36	32	33
Average export value	22	29	29	27	30

	1924	1926	1927	1928
Receipts:				
Boston	1,820	1,808	1,960	1,757
New York	6,543	6,818	7,048	7,288
Philadelphia	1,595	1,566	1,549	1,735
Chicago	4,679	4,575	4,901	4,601
San Francisco	760	744	750	756
Total cold-storage holdings:				
July 31	9,267	9,845	10,746	10,496
Dec. 31	1,050	1,096	882	1,415

	Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Average farm price:												
1926	36	29	24	25	25	26	26	26	32	37	45	48
1927	37	29	21	20	20	18	21	23	29	36	42	43
1928	38	29	23	23	24	24	26	27	31	35	40	43
Wholesale price, fresh firsts, New York:												
1927	42	32	25	26	23	23	25	28	34	40	44	46
1928	45	32	29	28	30	29	30	31	33	32	37	37
Receipts, 1927:												
Boston	120	153	245	307	270	234	155	128	109	92	65	82
New York	458	542	863	1,094	1,038	716	521	441	386	355	319	315
Philadelphia	96	100	183	244	211	158	119	114	117	80	68	59
Chicago	243	326	628	1,002	935	594	363	255	231	127	101	96
San Francisco	54	57	78	83	69	65	68	66	54	50	50	56
Receipts, 1928:												
Boston	102	145	229	211	258	200	158	112	96	96	78	72
New York	412	613	931	1,052	1,089	767	591	494	407	392	268	272
Philadelphia	97	133	176	210	246	175	168	117	140	103	75	95
Chicago	200	366	592	813	849	562	356	284	241	150	75	113
San Francisco	52	63	106	75	61	59	61	69	54	52	49	55

Source of Tables 631 and 632: Bureau of Agricultural Economics, Department of Agriculture.

No. 633.—COLD-STORAGE HOLDINGS OF ANIMAL PRODUCTS AND FROZEN FISH

NOTE.—All figures are in thousands of pounds, except cases of eggs and total meats, which are in thousands of cases and millions of pounds, respectively. Holdings are as of 1st of each month. Beef and pork figures include frozen, cured, and in process of cure

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Creamery butter:												
1924	30,299	15,246	9,847	7,842	8,913	22,348	74,184	134,118	156,440	153,494	135,018	100,832
1925	65,694	45,748	28,789	10,875	3,730	13,036	63,687	109,075	128,403	114,172	94,916	74,754
1926	52,785	39,381	26,313	17,392	17,527	30,561	86,897	131,152	138,151	125,342	100,871	64,381
1927	34,347	17,952	7,952	3,044	3,436	25,404	89,996	145,147	163,701	147,306	118,679	83,224
1928	46,289	28,273	14,404	5,716	5,109	15,952	69,750	120,437	136,175	128,071	105,811	70,985
American cheese:												
1924	49,566	40,506	35,160	28,294	26,202	27,172	45,239	65,864	76,406	73,153	67,905	58,705
1925	49,187	41,552	34,647	27,716	26,147	29,550	46,468	66,634	76,512	78,582	71,913	66,495
1926	58,457	50,339	42,587	38,041	35,597	30,346	54,069	73,681	81,297	77,646	72,491	63,881
1927	54,596	46,026	39,382	35,193	32,487	35,826	49,999	67,091	69,749	65,453	59,035	53,447
1928	47,765	41,793	36,710	31,887	30,207	36,716	53,646	73,088	83,906	81,833	82,318	74,325
All varieties of cheese:												
1924	67,221	57,232	50,388	42,413	40,235	42,644	61,755	84,073	95,211	91,282	88,043	77,594
1925	67,558	58,461	50,117	40,480	39,037	42,888	61,992	83,568	95,472	97,777	90,866	84,561
1926	76,649	67,531	58,175	51,285	47,450	52,167	68,771	90,053	98,473	95,385	89,785	81,084
1927	72,055	62,136	54,072	47,840	45,616	50,864	67,216	87,937	90,204	85,131	77,603	70,735
1928	64,035	55,862	48,784	43,303	41,701	48,990	68,613	89,708	101,498	98,339	97,421	89,970
Cases of eggs:												
1924	1,027	590	44	579	3,563	6,875	8,685	9,267	8,778	7,409	5,267	3,102
1925	1,050	81	21	1,240	4,872	7,712	9,482	10,024	9,873	8,612	6,322	3,786
1926	1,683	578	77	872	3,735	7,236	9,133	9,845	9,573	8,048	5,888	3,215
1927	1,096	253	92	1,868	5,501	8,962	10,565	10,746	9,650	7,960	5,485	2,956
1928	882	26	66	1,087	4,515	8,168	10,002	10,496	9,944	8,542	6,247	3,542
Frozen eggs:												
1924	32,087	27,082	23,106	20,736	23,707	29,956	33,565	35,184	34,128	31,006	26,663	22,100
1925	21,303	16,202	11,364	11,353	19,579	29,544	38,379	42,855	47,099	44,299	34,314	39,336
1926	33,905	29,256	24,167	21,849	25,739	34,815	45,688	51,810	52,634	51,062	44,966	98,620
1927	33,593	31,207	26,053	33,272	52,053	71,605	81,263	81,418	77,508	71,208	62,066	54,703
1928	47,020	38,575	31,362	34,411	51,532	67,941	77,744	81,670	89,196	82,255	73,327	64,201
Frozen poultry:												
1924	93,434	99,486	93,497	76,067	52,068	39,299	34,886	33,604	33,837	40,070	55,139	87,939
1925	133,990	138,189	130,513	108,608	82,732	68,126	58,562	53,558	47,946	44,345	53,787	86,733
1926	111,501	108,512	95,397	73,124	52,783	42,808	36,730	35,793	38,634	44,771	64,842	106,854
1927	144,497	145,076	129,510	104,697	77,282	61,525	50,064	42,293	39,711	43,201	52,315	85,030
1928	117,490	118,154	103,494	83,169	56,832	43,872	38,230	40,395	40,749	43,578	58,093	79,173
Beef:												
1924	105,577	102,655	100,077	93,274	78,423	66,069	59,418	49,812	48,906	47,538	67,244	100,239
1925	142,964	140,705	130,809	116,318	96,223	74,618	61,554	49,674	45,214	40,719	47,481	73,564
1926	84,996	80,538	77,690	70,781	59,978	52,579	48,688	46,048	41,697	46,250	61,198	85,977
1927	100,873	95,254	88,020	77,159	62,928	50,413	43,756	35,722	33,446	35,878	43,916	65,345
1928	76,947	71,651	63,749	57,256	46,194	37,212	32,238	32,442	31,065	37,223	58,036	79,633
Pork:												
1924	708,869	800,890	878,086	932,408	908,332	891,109	872,638	810,585	710,871	565,178	407,731	427,520
1925	647,364	778,792	865,356	829,557	814,189	748,418	738,655	669,536	583,789	467,378	392,605	385,027
1926	472,219	556,042	609,847	626,594	603,798	574,472	602,176	642,673	623,086	514,351	405,623	388,228
1927	472,757	589,071	671,674	738,446	770,212	787,850	844,275	841,271	706,418	608,767	467,119	419,822
1928	523,425	655,638	885,916	997,737	960,672	919,366	915,360	819,185	682,015	515,087	433,160	461,762
All meats:												
1924	900	988	1,003	1,108	1,064	1,028	1,005	931	826	672	536	598
1925	886	1,020	1,100	1,042	1,000	905	878	790	695	562	486	511
1926	616	666	746	753	714	677	706	748	725	619	522	531
1927	642	751	823	879	894	900	953	945	867	705	563	541
1928	666	796	1,025	1,133	1,079	1,023	1,013	917	772	604	548	607
Lard:												
1924	49,340	54,130	68,610	85,722	102,317	127,949	152,520	149,672	124,676	84,198	31,706	35,713
1925	61,049	112,704	151,927	150,182	151,499	138,205	145,919	145,924	114,724	71,626	37,256	33,710
1926	42,478	64,187	76,145	93,108	98,365	106,824	120,527	153,572	151,233	105,558	72,355	46,744
1927	49,902	69,576	77,103	92,069	99,011	111,976	147,318	179,136	167,018	118,174	72,121	46,154
1928	54,855	84,007	121,082	164,506	173,088	186,073	214,479	204,939	177,888	126,890	83,474	67,257
Frozen fish:[1]												
1924	52,627	40,421	29,571	21,480	21,840	27,115	36,036	49,026	56,607	67,025	70,406	68,320
1925	55,308	44,034	29,865	22,442	23,749	31,980	40,458	47,474	55,447	58,358	61,849	58,048
1926	48,181	37,378	24,894	16,154	21,540	31,345	45,606	57,627	64,057	70,310	75,034	69,854
1927	58,655	48,084	34,887	24,731	29,782	36,696	42,118	54,061	60,330	65,960	66,790	64,787
1928	53,921	44,877	34,528	26,473	26,513	40,946	53,140	66,170	71,352	73,410	77,677	78,090

[1] Holdings of frozen fish are for the 15th of each month.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 634.—WOOL: Prices, Value of Imports, and Receipts at Boston

	1910–1913, average	1914–1920, average	1923	1924	1925	1926	1927	1928
Prices (cents per pound):								
Average United States farm price, unwashed	18	38	39	37	38	32	31	37
Ohio and Pennsylvania, fine clothing, unwashed, at Boston	23	46	51	48	49	40	37	38
Territory, fine staple scoured, at Boston	60	127	141	141	139	116	110	116
Value of United States imports (thous. of dollars):								
Clothing [1]	15,659	140,084	11,406	8,129	10,908	5,371	6,020	8,051
Combing [1]	3,094	5,901	89,181	48,303	82,543	65,915	38,265	31,729
Carpet	13,540	25,380	26,304	34,175	47,233	30,103	37,470	37,947
Receipts at Boston (thousands of pounds):								
Total	290,150	424,336	417,098	312,015	305,619	346,931	344,548	300,923
Domestic	206,047	184,380	145,132	200,240	131,446	160,270	218,189	210,551
Foreign	84,103	239,956	271,966	111,775	174,173	177,661	126,359	90,372

[1] Owing to changes in tariff laws in 1922 much wool which was formerly brought in as "clothing" now comes in under "combing" classification.

Sources: Prices and receipts, Bureau of Agricultural Economics, Department of Agriculture; imports, Bureau of Foreign and Domestic Commerce, Department of Commerce.

No. 635.—WOOL: Production, Imports, and Exports of the United States

Note.—**All figures in thousands of pounds.** Production is for calendar years, and beginning with 1900 includes pulled wool; previously included only fleece. Exports and imports for 1839 are for the fiscal year ended Sept. 30; for yearly averages and years to and including 1915, for fiscal years ended June 30; subsequently, calendar years. Imports prior to 1915 and domestic exports beginning 1923 include hair of the camel, Angora goat, alpaca, and other like animals.

Yearly average or year	Production	Imports [1]	Exports		Yearly average or year	Production	Imports [1]	Exports	
			Domestic	Foreign				Domestic	Foreign
1839	35,802	7,925	--------	110	1901	302,502	103,584	200	3,591
1849	52,517	17,869	160	47	1902	316,341	166,577	123	3,105
1859	60,265	24,471	1,707	41	1903	287,450	177,138	510	2,993
1862–1870	[2] 100,102	49,230	153	1,710	1904	291,783	173,743	320	2,863
1871–1880	187,093	68,030	152	3,930	1905	295,488	249,136	124	2,438
1881–1890	280,151	93,195	115	4,294	1906	298,015	201,680	192	5,450
1891–1895	309,409	142,319	1,077	3,637	1907	298,295	203,848	215	3,232
1896–1900	275,154	189,445	3,244	6,015	1908	311,138	125,981	182	5,684
1901–1905	298,713	174,035	257	2,998	1909	330,420	266,409	28	3,496
1906–1910	312,026	212,371	133	4,374	1910	321,363	263,928	48	4,008
1911–1915	298,937	215,354	1,714	4,562	1911	318,548	137,048	--------	8,206
1916–1920	290,918	399,980	3,568	4,276	1912	304,043	193,401	--------	1,720
1921–1925	277,455	334,158	699	12,779	1913	296,175	195,293	77	4,432
1885	308,000	70,596	88	3,115	1914	290,192	247,649	335	1,205
1886	302,000	129,085	2,138	6,534	1915	285,726	302,782	8,158	7,247
1887	285,000	114,038	6,258	6,728	1916	288,490	442,650	3,019	2,128
1888	269,000	113,559	22	4,360	1917	281,892	416,137	1,827	1,272
1889	265,000	126,488	142	3,263	1918	298,870	447,426	407	462
1890	269,827	105,431	231	3,288	1919	298,258	438,782	2,840	5,134
1891	285,000	129,304	292	2,638	1920	287,079	254,905	8,845	12,393
1892	294,000	148,071	202	3,008	1921	283,629	316,605	1,027	1,552
1893	348,538	172,434	92	4,219	1922	263,713	360,538	453	4,225
1894	325,211	55,153	520	5,977	1923	268,196	388,345	535	23,557
1895	294,297	206,034	4,279	2,343	1924	279,375	262,655	309	27,476
1896	272,475	230,911	6,946	6,026	1925	292,362	336,646	273	7,087
1897	259,153	350,852	5,272	3,428	1926	311,576	299,451	292	14,074
1898	265,721	132,795	121	2,505	1927	332,014	264,507	323	10,711
1899	272,191	76,736	1,683	12,413	1928	351,013	240,300	485	4,435
1900	305,231	155,928	2,200	5,702					

[1] For 1859, 1862 to 1868, inclusive, and 1872, includes estimates for quantity of wool on pelts imported.
[2] One year only, 1870.

Source: Production, 1839, 1849, 1859, and 1870, Bureau of the Census; other years, *reports of the Department of Agriculture*; imports and exports, Bureau of Foreign and Domestic Commerce.

No. 636.—WOOL: Estimated Production and Weight Per Fleece

Note.—Only States with a production in 1928 of 2,500,000 pounds of wool are shown separately. The divisions shown include the States comprising the following divisions: North Atlantic, the New England and Middle Atlantic; North Central, the East North Central and West North Central; South Central, the East South Central and West South Central; Far Western, the Mountain and Pacific

Division and State	Production in thousands of pounds						Average weight per fleece [1] (pounds) 1928
	1923	1924	1925	1926	1927	1928	
United States	225,696	235,575	245,562	260,976	281,914	299,113	7.8
North Atlantic	6,591	6,489	6,735	6,981	6,777	7,002	7.2
New York	2,599	2,708	2,898	3,081	2,956	2,966	7.2
Pennsylvania	2,990	2,766	2,805	2,805	2,730	2,948	7.5
North Central	51,106	52,925	55,410	58,215	63,645	66,208	7.9
Ohio	13,699	14,167	14,467	14,760	15,662	15,826	8.2
Indiana	3,380	3,391	3,562	3,715	4,088	4,307	7.3
Illinois	2,978	3,334	3,419	3,648	4,162	3,724	7.6
Michigan	6,478	6,880	7,416	7,920	8,272	8,520	8.0
Wisconsin	2,131	2,109	2,250	2,508	2,774	2,808	7.8
Minnesota	2,645	2,886	3,151	3,634	4,211	4,661	7.9
Iowa	5,242	5,360	5,360	5,440	5,896	5,960	8.0
Missouri	5,396	5,236	5,208	5,250	5,523	5,962	7.2
North Dakota	1,440	1,853	2,263	2,772	3,469	3,984	8.3
South Dakota	4,466	4,312	4,446	4,714	5,160	5,044	8.3
South Atlantic	4,932	4,690	4,804	5,057	5,375	5,797	5.1
West Virginia	2,361	2,236	2,272	2,311	2,457	2,684	5.4
South Central	25,214	30,229	30,898	33,049	39,165	42,332	7.4
Kentucky	2,889	2,880	3,125	3,278	3,845	4,051	4.7
Texas	19,699	24,806	25,280	27,297	32,725	35,591	8.4
Far Western	137,863	141,242	147,715	157,674	166,952	177,774	8.0
Montana	18,751	19,522	20,640	23,320	24,166	26,626	8.6
Idaho	14,952	14,450	14,309	14,507	15,840	17,885	9.2
Wyoming	18,293	19,090	21,362	22,338	25,317	26,488	8.8
Colorado	6,486	6,486	6,802	7,740	8,118	8,831	7.6
New Mexico	10,647	11,224	11,684	12,060	12,600	12,400	5.8
Arizona	7,202	6,448	6,458	6,758	6,240	5,760	6.0
Utah	17,168	17,970	18,010	19,430	19,975	22,072	8.9
Nevada	8,413	7,597	7,560	8,730	8,015	8,580	7.5
Washington	4,027	4,365	4,560	4,194	4,753	5,000	10.0
Oregon	14,700	15,840	16,958	18,321	18,128	20,332	9.2
California	17,124	18,250	19,912	20,276	23,800	23,800	6.8
Pulled wool [2]	42,500	43,800	46,800	49,600	50,100	51,900	

[1] In States where sheep are shorn twice a year this figure covers wool per head of sheep shorn and not weight per fleece.
[2] Estimated from returns of plants pulling from 80 to 90 per cent of all wool.

No. 637.—WOOL CONSUMED IN MANUFACTURES: 1924 to 1928

Note.—All figures in thousands of pounds. These figures do not include the consumption of one large and several small concerns. The grease equivalent of the totals shown below is as follows: 1924, 537,760,000 pounds; 1925, 526,285,243; 1926, 510,032,772; 1927, 551,528,052; 1928, 538,354,229

Class and grade	Total					1928		
	1924	1925	1926	1927	1928	Grease	Scoured	Pulled
Total	460,402	450,021	438,356	477,118	465,018	371,423	63,207	30,388
Domestic	230,323	213,134	200,662	257,104	271,215	203,759	47,064	20,392
Foreign	230,079	236,887	237,694	220,014	193,803	167,664	16,143	9,996
Combing:								
Domestic	164,611	147,837	139,142	186,815	200,152	185,042	5,607	9,503
Foreign	85,740	90,026	105,843	80,480	48,859	44,585	3,328	946
Clothing:								
Domestic	65,712	65,297	61,520	70,289	71,063	18,717	41,457	10,889
Foreign	20,835	15,052	12,823	10,616	9,117	1,641	6,734	742
Clothing and combing combined:								
Fine	109,004	102,745	102,754	120,153	118,099	101,774	12,269	4,056
One-half blood	57,440	54,117	51,341	56,269	61,535	45,627	10,412	5,496
Three-eighths blood	68,438	66,017	67,560	67,322	63,018	42,054	14,129	6,835
One-fourth blood	77,955	72,843	69,150	67,947	61,273	41,415	15,511	4,347
Low or Lincoln	24,061	22,489	28,523	36,509	25,266	19,115	4,805	1,346
Carpet	123,504	131,810	119,028	128,918	135,827	121,438	6,081	8,308

Sources: Table 636, Bureau of Agricultural Economics, Department of Agriculture; Table 637, Bureau of the Census, Department of Commerce.

No. 638.—ANIMAL FOOD MANUFACTURING INDUSTRIES: MATERIALS USED AND PRODUCTS

NOTE.—Only major materials and products are shown. The figures for products in some cases include and in other cases exclude data for the specified commodities made as secondary products by establishments classified in other industries; and in the cases of certain commodities the data for these secondary products are included beginning in 1925 but not for 1914. No data for establishments having products under $5,000 in value are included beginning 1925; this change has little effect on comparability with 1914

Industry, material, and product	Quantity (thousands of units specified)				Cost or value (thousands of dollars)		
	Unit	1914	1925	1927	1914	1925	1927
BUTTER, CHEESE, AND CONDENSED MILK							
Materials used, total cost					315,026	847,006	884,845
Milk	Pounds	8,431,426	(1)	(1)	114,298	(1)	(1)
Cream	do	2,384,035	(1)	(1)	160,934	(1)	(1)
Skimmed milk	do	525,041	(1)	(1)	904	(1)	(1)
All other					38,800	(1)	(1)
All products, total value					364,285	979,253	1,068,832
Butter	Pounds	769,810	1,455,625	1,564,227	218,021	636,749	695,625
Cheese, total	do	370,279	545,822	518,198	59,377	112,819	110,162
Cheese, other than cottage, pot, and bakers'.	do	332,691	494,773	449,444	47,433	108,587	104,220
Cheese, cottage, pot, and bakers'.	do	37,588	51,050	68,754	2,944	4,232	5,942
Condensed and evaporated milk, total.	do	873,411	1,813,843	2,097,300	58,747	145,304	167,850
Condensed, sweetened	do	267,870	430,698	378,087	21,585	38,745	34,251
Condensed, unsweetened	do	331,893	1,383,145	1,718,613	19,928	106,559	133,599
Evaporated	do	273,648			17,234		
Casein dried	do	18,570	21,978	23,516	978	2,299	3,052
Powdered milk, cream, etc.	do	20,454	111,632	183,336	1,968	11,967	19,737
Sugar of milk	do	4,051	6,126	5,406	401	890	644
Other products					33,793	69,225	71,762
SLAUGHTERING AND MEAT PACKING							
Materials used, total cost					1,441,663	2,625,192	2,663,740
Animals slaughtered:							
Beeves	Number	7,149	10,854	10,725	490,108	(1)	(1)
Calves	do	2,019	5,776	5,477	27,623	(1)	(1)
Sheep and lambs	do	15,944	13,616	14,389	84,784	(1)	(1)
Hogs	do	34,442	48,073	47,492	597,098	(1)	(1)
Dressed meats purchased		(1)	(1)	(1)	124,335	(1)	(1)
All other materials		(1)	(1)	(1)	117,715	(1)	(1)
All products, total value					1,651,965	3,050,286	3,057,216
Fresh meat:							
Beef	Pounds	3,658,334	5,064,508	5,069,619	421,297	661,103	762,614
Veal	do	194,699	575,963	549,685	26,299	87,189	98,489
Mutton and lamb	do	620,233	521,993	547,473	74,676	128,213	130,283
Pork	do	1,877,099	2,827,926	3,110,253	226,536	516,469	517,863
Edible offal and other fresh meats.	do	280,091	540,201	568,501	17,647	50,965	54,983
Cured meat:							
Beef	do	91,572	84,197	102,738	14,395	17,911	22,905
Pork	do	2,929,310	3,295,937	3,134,172	393,606	751,804	602,726
Canned meats and canned sausage.	do	234,803	118,576	144,198	36,263	24,334	27,824
Sausage (not canned) and sausage casings, meat puddings, head cheese, scrapple, etc.	do	546,940	995,278	1,033,885	71,916	196,743	203,126
Lard	do	1,119,189	1,672,334	1,794,636	120,414	279,625	234,864
Cattle hides	do	415,891	621,381	616,714	69,959	80,797	99,218
Calfskins	do	18,648	56,692	53,581	3,513	11,069	11,160
Sheep pelts	Number	15,917	10,832	8,961	13,624	22,553	15,964
All other skins	Pounds	(1)	1,054	3,242	389	101	324
Wool	do	26,432	32,235	30,439	7,938	23,429	18,478
All other products					153,493	197,982	250,395

[1] Not reported separately.

Source: Bureau of the Census, Department of Commerce.

28.—FARM CROPS AND FOODSTUFFS

[In general, data in this section other than on foreign trade relate to continental United States, while foreign trade statistics represent the trade of the customs area (see general note, p. 462). Any exceptions are noted. For weights of the units of measurement for the principal products see Appendix, p. 850]

No. 639.—INDEX NUMBERS OF THE MASS OF CROP PRODUCTION

NOTE.—Average production of 1910–1914 equals 100. Production of wheat, corn, oats, barley, rye, buckwheat, potatoes, hay, tobacco, and cotton for each crop each year is multiplied by a constant price, and the aggregate is divided by the average aggregate of base years

Period or year	Production index	Year	Production index	Year	Production index	Year	Production index
1890–1894	62	1896	77	1907	89	1918	107
1895–1899	78	1897	75	1908	94	1919	108
1900–1904	85	1898	85	1909	94	1920	117
1905–1909	94	1899	82	1910	97	1921	100
1910–1914	100	1900	81	1911	91	1922	110
1915–1919	108	1901	74	1912	110	1923	110
1920–1925	110	1902	91	1913	95	1924	111
1892	62	1903	84	1914	107	1925	112
1893	61	1904	92	1915	116	1926	114
1894	62	1905	94	1916	100	1927	115
1895	71	1906	99	1917	108	1928	120

No. 640.—INDEX NUMBERS OF CROP YIELDS

NOTE.—Index numbers each year are relative to the average yield for the 10 preceding years; data for the several States are weighted according to crop values in 1919

Year	United States	North Atlantic	North Central	South Atlantic	South Central	Western
1912	107.7	106.8	(1)	103.6	105.8	102.9
1913	93.3	95.5	90.7	103.5	92.3	95.1
1914	102.3	109.3	99.4	105.1	103.1	102.6
1915	108.0	98.9	114.4	99.6	103.8	102.1
1916	95.1	108.9	92.6	102.9	88.0	97.7
1917	102.0	104.6	107.3	100.7	93.0	91.2
1918	97.6	101.2	103.6	100.3	83.6	85.3
1919	99.8	104.8	100.4	93.1	105.5	88.5
1920	106.9	107.9	109.8	100.4	107.4	96.9
1921	91.7	90.3	92.9	80.8	92.9	98.3
1922	96.7	104.1	103.0	84.4	89.9	95.5
1923	96.1	100.3	101.0	90.6	82.8	106.8
1924	98.1	107.3	102.7	88.4	97.6	86.2
1925	99.6	104.3	97.8	91.9	92.4	103.9
1926	104.6	105.1	91.9	108.4	121.5	103.2
1927	102.5	102.3	101.7	98.3	99.3	111.6
1928	103.5	102.1	106.1	97.2	99.1	109.7

[1]The weighted index for the North Central as a whole is not available, but indexes for the two divisions which comprise the North Central are: East North Central, 106.1, West North Central, 117.3

No. 641.—AVERAGE VALUE PER ACRE OF 10 LEADING CROPS COMBINED

NOTE.—Corn, wheat, oats, barley, rye, buckwheat, potatoes, hay, tobacco, and cotton. These comprise nearly 90 per cent of the area in all field crops, and their average value closely approximates the value per acre of the aggregate of all crops. The value is based on average farm price of Dec. 1

Period	Average crop value per acre	Year	Average crop value per acre	Year	Average crop value per acre	Year	Average crop value per acre
1866–1870	$14.70	1893	$9.50	1905	$13.28	1917	$33.27
1871–1875	14.05	1894	9.06	1906	13.46	1918	33.73
1876–1880	11.89	1895	8.12	1907	14.74	1919	35.74
1881–1885	11.33	1896	7.94	1908	15.32	1920	23.26
1886–1890	9.97	1897	9.07	1909	16.00	1921	14.45
1891–1895	9.71	1898	9.00	1910	15.53	1922	19.23
1896–1900	9.09	1899	9.13	1911	15.36	1923	21.52
1901–1905	12.53	1900	10.31	1912	16.09	1924	23.88
1906–1910	15.01	1901	11.43	1913	16.49	1925	21.17
1911–1915	16.31	1902	12.07	1914	16.44	1926	19.07
1916–1920	29.72	1903	12.62	1915	17.18	1927	20.92
1921–1925	20.05	1904	13.26	1916	22.58	1928	20.32

Source of Tables 639, 640, and 641: Bureau of Agricultural Economics, Department of Agriculture.

No. 642.—PRODUCTION OF PRINCIPAL AGRICULTURAL COMMODITIES

NOTE.—Blank lines indicate that data are not available. All crops are for calendar years except sugar, which is for the crop year ending July of year specified

Year	Corn	Wheat	Rice [1]	Sugar		Cotton [2]		Wool
				Beet	Cane	Running bales [3]	500-pound bales [4]	
	1,000 bushels	*1,000 bushels*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Thousands*	*Thousands*	*1,000 pounds*
1800			[5] 67,234			154	73	
1810			[5] 78,805			286	178	
1820			53,292			576	335	
1830			81,352			1,026	732	
1840	[6] 377,532	[6] 84,823	84,253		120,851	1,635	1,348	35,802
1850	[6] 592,071	[6] 100,486	102,776		247,577	2,454	2,136	52,517
1855			103,606		414,725	3,666	3,221	
1860	[6] 838,793	[6] 173,105	106,279		230,982	3,849	3,341	60,265
1865			10,246	[7] 806	11,200	2,269	2,094	142,000
1870	1,004,255	235,885	54,889		87,042	4,352	4,025	100,102
1875	1,321,069	292,136	83,861		142,242	4,632	4,303	181,000
1879	1,823,103	499,893	85,597	448	250,880	5,755	5,466	211,000
1880	1,717,435	498,550	111,869	2,688	178,872	6,606	6,357	240,682
1881	1,194,916	383,280	102,605	[7] 1,120	285,302	5,456	5,136	240,000
1882	1,617,025	504,185	99,985		171,076	6,050	6,833	272,000
1883	1,551,067	421,086	110,700		318,746	5,713	5,522	290,000
1884	1,795,528	512,765	109,562	1,198	302,944	5,682	5,477	300,000
1885	1,936,176	357,112	150,195	2,134	225,062	6,576	6,369	308,000
1886	1,665,441	457,218	155,670	1,344	302,754	6,505	6,315	302,000
1887	1,456,161	456,329	113,631	1,702	191,282	7,047	6,885	285,000
1888	1,987,790	415,868	124,733	572	375,904	6,938	6,924	269,000
1889	1,998,648	434,383	131,722	4,168	344,756	7,473	7,473	265,000
1890	1,460,406	378,097	136,800	4,934	301,284	8,653	8,562	269,827
1891	2,055,823	584,504	155,666	7,748	497,170	9,035	8,941	285,000
1892	1,713,688	527,987	237,547	12,004	370,580	6,700	6,658	294,000
1893	1,707,572	427,553	122,865	27,084	498,456	7,493	7,433	348,538
1894	1,339,680	516,485	109,821	45,192	610,826	9,901	10,026	325,211
1895	2,310,952	569,456	168,665	45,006	729,394	7,161	7,147	294,297
1896	2,503,484	544,103	96,886	65,452	543,636	8,533	8,516	272,475
1897	2,144,553	610,254	116,302	84,080	644,176	10,898	10,985	259,153
1898	2,261,119	772,163	136,991	90,492	708,252	11,189	11,435	266,721
1899	2,454,628	636,051	219,278	72,736	568,788	9,393	9,345	272,191
1900	2,505,148	602,708	253,139	163,458	322,548	10,102	10,123	305,231
1901	1,613,528	788,638	388,035	172,164	623,772	9,583	9,510	302,502
1902	2,619,499	724,808	319,293	369,212	728,650	10,588	10,631	316,341
1903	2,346,897	663,923	560,750	436,812	745,806	9,820	9,851	287,450
1904	2,528,662	596,911	586,005	481,208	556,140	13,451	13,438	291,783
1905	2,748,949	726,819	377,975	484,226	829,990	10,495	10,575	295,488
1906	2,897,662	756,775	495,976	625,842	781,204	12,983	13,274	298,915
1907	2,512,065	637,981	520,504	967,224	544,320	11,058	11,107	298,295
1908	2,544,957	644,556	608,060	927,256	788,480	13,086	13,242	311,138
1909	2,572,336	700,434	572,421	851,768	828,800	10,073	10,005	330,420
1910	2,886,200	635,121	680,830	1,024,938	663,452	11,568	11,609	321,363
1911	2,531,488	621,338	637,061	1,020,344	710,080	15,553	15,693	318,548
1912	3,124,746	730,267	695,959	1,199,000	721,748	13,489	13,703	304,043
1913	2,446,988	763,380	715,117	1,385,112	325,147	13,983	14,156	296,175
1914	2,672,804	891,017	656,922	1,466,802	601,075	15,906	16,135	290,192
1915	2,994,793	1,025,861	804,090	1,444,108	493,028	11,068	11,192	285,726
1916	2,566,927	636,318	1,135,037	1,748,440	277,240	11,364	11,450	288,490
1917	3,065,233	636,655	964,980	1,641,314	621,709	11,248	11,302	281,892
1918	2,502,665	921,438	1,072,307	1,530,414	491,680	11,906	12,041	298,870
1919	2,811,302	967,979	1,166,259	1,521,900	568,800	11,326	11,421	298,258
1920	3,208,584	833,027	1,446,289	1,452,902	244,250	13,271	13,440	287,079
1921	3,068,569	814,905	1,044,778	2,178,000	352,204	7,978	7,954	283,029
1922	2,906,020	867,598	1,150,139	2,041,000	655,399	9,729	9,702	263,713
1923	3,053,557	797,394	936,583	1,350,000	591,000	10,171	10,140	268,196
1924	2,309,414	864,428	902,722	1,762,000	330,000	13,639	13,628	270,375
1925	2,916,106	676,765	925,250	2,180,000	[8] 176,965	16,123	16,104	292,362
1926	2,691,531	831,381	1,159,167	1,826,000	[8] 278,763	17,755	17,977	311,576
1927	2,763,093	878,374	1,243,722	1,794,000	[8] 94,332	12,783	12,956	332,014
1928 (prel.)	2,839,959	902,749	1,163,361	2,186,000	[8] 141,586	14,297	14,478	351,013

[1] Cleaned rice for 1800 to 1903 represents commercial movement, as given by Dan Talmage's Sons Co.
[2] Figures for the years 1810 to 1898 include linters excluded in subsequent years.
[3] Counting round as half bales.
[4] Equivalent 500-pound bales, gross weight.
[5] Exports.
[6] Census figures for the previous year.
[7] Mean annual production not exceeding quantity stated.
[8] Louisiana only.

Sources: Cotton, 1899 to date, Bureau of the Census, Department of Commerce; other figures, Bureau of Agricultural Economics, Department of Agriculture.

No. 643.—CROP VALUES: Comparative Statement Showing Change Between 1919 and 1924 Due to Production, and Decrease Between 1919 and 1924 Resulting from Lower Prices: Census Statistics

Note.—Crops not reported by quantity are omitted

[All amounts in thousands of dollars]

Crop	Value of crops [1]			Increase or decrease in crop values, 1919 to 1924 [2]					
	As reported, 1919	Computed for 1924 on basis of 1919 prices	As reported, 1924	Gross change [3]		Change due to production [4]		Decrease due to lower prices [5]	
				Amount	Per cent	Amount	Per cent	Amount	Per cent
All crops, including hay and forage	12,937,981		7,463,030	−5,474,952	−42				
All crops, excluding hay and forage	10,631,956	10,241,624	6,252,419	−4,379,537	−41	−390,332	−4	3,989,205	39
Cereals	6,921,227	6,009,672	3,804,372	−3,116,856	−45	−911,556	−13	2,205,300	37
Corn harvested for grain	3,507,797	2,727,303	1,868,569	−1,639,228	−47	−780,494	−22	858,733	31
Wheat	2,074,079	1,757,011	1,037,627	−1,036,452	−50	−317,068	−15	719,384	41
Oats threshed for grain	855,255	1,057,417	610,498	−244,758	−29	+202,161	+24	446,919	42
Barley	160,427	209,222	122,082	−38,346	−24	+48,795	+30	87,140	42
Rye	116,538	85,379	57,886	−58,652	−50	−31,159	−27	27,493	32
Buckwheat	19,715	18,648	12,852	−6,863	−35	−1,067	−5	5,797	31
Sorghums harvested for grain	90,221	73,468	52,321	−37,900	−42	−16,753	−19	21,147	29
Rice (rough)	97,194	81,224	42,537	−54,658	−56	−15,970	−16	38,687	48
Peanuts	62,752	61,492	35,308	−27,444	−44	−1,259	−2	26,185	43
Flaxseed	29,361	124,650	66,135	+36,774	+125	+95,289	+325	58,515	47
Hay and forage, excluding corn cut for forage	2,306,026		1,210,611	−1,095,415	−48				
Sugar beets grown for sugar	66,052	77,027	55,754	−10,298	−16	+10,975	+17	21,272	28
Miscellaneous crops	3,215,420	3,608,144	2,057,971	−1,157,449	−36	+392,723	+12	1,550,172	48
Potatoes (Irish or white)	639,441	776,023	223,925	−415,515	−65	+136,583	+21	552,098	71
Sweet potatoes and yams	124,844	59,861	53,812	−71,033	−57	−64,983	−52	6,049	10
Tobacco	443,705	357,812	211,733	−231,972	−52	−85,893	−19	146,080	41
Cotton	2,007,430	2,414,447	1,568,501	−438,929	−22	+407,017	+20	845,946	35
Apples	241,574	270,596	174,821	−66,753	−28	+29,022	+12	95,775	35
Peaches	95,570	90,044	58,058	−37,512	−39	−5,526	−6	31,985	36

[1] Value of crops with production reported in 1924, exclusive of sugar cane.
[2] A minus sign (−) denotes decrease and a plus sign (+) an increase.
[3] Change in value as actually reported, due to change in production and to lower prices.
[4] Increase or decrease in value on basis of 1919 prices for both 1919 and 1924 crops. The percentages in this section represent the net quantitative increase or decrease in production.
[5] Decrease of actual 1924 values over values computed for 1924 on basis of 1919 prices.

Source: Bureau of the Census, Department of Commerce.

No. 644.—ACREAGE, PRODUCTION, AND VALUE OF ALL CROPS IN THE UNITED STATES: CENSUS STATISTICS, 1899 TO 1924

NOTE.—Tons are of 2,000 pounds; bales of cotton, of 500 pounds. For weights of the bushel for principal products, see Appendix, p. 850.

Crop	Acreage (thousands)				Production in thousands of units indicated					Value in thousands of dollars		
	1899	1909	1919	1924	Unit	1899	1909	1919	1924	1909	1919	1924[1]
All crops										5,231,851	14,755,298	7,472,535
With acreage reports	283,149	311,195	[2]348,549	[3]338,520						5,018,074	13,638,130	7,239,656
With no acreage reports										213,776	1,117,168	232,879
Cereals	184,982	191,396	219,031	186,338	Bushel	4,438,857	4,512,564	4,681,216	4,244,398	2,665,540	6,941,533	3,804,372
Corn harvested for grain	94,914	98,383	87,772	82,329	do	2,666,324	2,552,190	2,345,833	1,823,880	1,438,554	3,507,797	1,868,569
Wheat	52,589	44,263	73,099	50,862	do	658,534	683,379	945,403	800,877	657,657	2,074,079	1,037,627
Oats threshed for grain	29,540	35,159	37,991	37,650	do	943,389	1,007,143	1,055,183	1,304,599	414,697	855,255	610,498
Barley	4,470	7,699	6,473	6,767	do	119,635	173,344	122,025	159,139	92,459	160,427	122,082
Rye	2,054	2,196	7,679	3,744	do	25,569	29,520	75,992	55,674	20,422	116,538	57,886
Buckwheat	807	878	743	717	do	11,234	14,849	12,690	12,004	9,331	19,715	12,852
Emmer and spelt		574	167	(4)	do		12,703	2,608	(4)	5,584	3,700	(4)
Sorghums harvested for grain	267	1,635	3,619	3,526	do	5,169	17,597	72,086	58,700	10,817	90,221	52,321
Rice (rough)	342	610	911	744	do	9,003	21,839	35,331	29,526	16,020	97,194	42,537
Mixed crops			577	(4)	do			14,065	(4)		16,605	(4)
Other grains and seeds with acreage reports	4,075	5,157	4,852	(4)		(4)	(4)	(4)	(4)	80,959	184,056	(4)
Dry edible beans	454	803	1,162	1,637	Bushel	5,064	11,251	14,079	(4)	21,771	61,795	(4)
Soy beans		2	113	(4)	do		17	1,085	(4)	21	4,450	(4)
Other beans	26	13	[5]2	[6]1,476	do	143	163	50	(4)	220	126	(4)
Dry peas	968	1,305	866	(4)	do	9,440	7,129	5,743	(4)	10,964	20,791	(4)
Peanuts	517	870	1,125	1,105	do	11,964	19,416	27,450	26,899	18,272	62,752	35,308
Flaxseed	2,111	2,083	1,261	3,435	do	19,979	19,513	6,653	28,249	28,971	29,361	66,135
Miscellaneous seeds		81	124	(4)		(4)	(4)	(4)	(4)	740	4,781	(4)
Seeds with no acreage reports					Bushel	4,865	6,671	7,852	(4)	16,549	88,854	(4)
Hay and forage, including corn cut for forage			96,121	[7]88,987	Ton			146,343	(4)		2,523,050	(4)
Hay and forage, excluding corn cut for forage	61,691	72,402	81,618	[7]82,314	do	79,252	97,755	128,549	[7]116,792	826,401	2,316,116	[7]1,210,611
Hay alone	58,584	68,227	72,780	74,096	do	71,113	87,216	90,356	[8]88,384	776,068	1,953,149	[9]1,076,254
Vegetables [10]	5,638	7,073	5,530	5,012		(4)	(4)	(4)	(4)	418,110	1,302,200	(4)
Potatoes (Irish or white)	2,939	3,669	3,252	2,911	Bushel	273,318	389,195	290,428	352,462	166,424	639,441	223,925
Sweet potatoes and yams	537	641	803	467	do	42,517	59,232	78,092	37,444	35,429	124,844	53,812
Other vegetables [11]	2,162	2,763	1,475	1,635		(4)	(4)	(4)	(4)	216,257	537,915	(4)
Sugar crops	790	1,164	1,491	(4)	Ton	6,906	11,519	11,182	(4)	59,253	162,439	(4)
Sugar cane	387	477	373	326	do	4,202	6,240	3,545	[12]1,664	26,416	59,499	[13]9,505
Sorghum grown for sirup	293	326	482	184	do	1,910	1,376	1,644	(4)	7,963	24,506	(4)
Sugar beets grown for sugar	110	360	636	743	do	793	3,902	5,993	6,989	19,695	66,052	55,754
Maple sugar and sirup	(4)	(4)	(4)	(4)		(4)	(4)	(4)	(4)	5,178	12,381	(4)

Miscellaneous crops		33,730	35,977	(4)						943,015	2,820,168	(4)
Tobacco	1,101	1,295	1,861	1,538	Pound	868,113	1,055,765	1,371,504	1,106,340	104,303	443,705	211,733
Cotton, including cottonseed	24,275	32,044	33,740	39,204						824,696	2,355,169	(4)
Lint cotton					Bale	9,535	10,649	11,376	13,683	703,619	2,007,430	1,568,501
Cottonseed (estimated)					Ton	4,767	5,325	5,328	6,070	121,077	347,739	(4)
Broom corn	179	326	338	(4)	Pound	90,947	78,960	113,031	(4)	5,134	7,945	(4)
Hops	56	45	16	(4)	do	49,210	40,719	19,761	(4)	7,845	10,364	(4)
Sundry minor crops	52	20	22	(4)					(4)	1,037	2,984	(4)
Small fruits	310	272	249	(4)	Quart	463,219	426,566	324,989	(4)	29,974	61,732	(4)
Strawberries	151	143	119	193	do	257,427	255,702	176,932	(4)	17,914	36,004	(4)
Raspberries and loganberries	61	49	54	(4)	do	76,628	60,918	61,334	(4)	5,132	13,386	(4)
Blackberries and dewberries	50	49	46	(4)	do	62,190	55,344	39,945	(4)	3,910	7,118	(4)
Cranberries	20	18	17	(4)	do	31,601	38,243	35,260	(4)	1,756	3,198	(4)
Currants	13	8	7	(4)	do	18,593	10,449	7,615	(4)	790	1,422	(4)
Other berries	14	5	5	(4)	do	16,780	5,910	3,904	(4)	472	604	(4)
Orchard fruits					Bushel	212,366	213,974	230,682	(4)	140,867	431,098	(4)
Apples					do	175,398	145,412	136,561	152,967	83,231	241,574	174,821
Peaches					do	15,433	35,470	50,686	47,755	28,781	95,570	58,058
Pears					do	6,625	8,841	14,204	(4)	7,911	26,440	(4)
Plums and prunes					do	8,764	15,480	19,084	(4)	10,299	40,984	(4)
Cherries					do	2,873	4,126	3,946	(4)	7,231	14,166	(4)
Apricots					do	2,642	4,150	6,130	(4)	2,884	12,223	(4)
All other					do	630	494	71	(4)	529	141	(4)
Grapes					Pound	1,300,984	2,265,065	2,516,840	(4)	22,028	95,586	(4)
Subtropical fruits										24,707	114,868	(4)
Oranges					Box	6,168	19,487	27,758	(4)	17,566	83,399	(4)
Lemons					do	877	2,770	6,585	(4)	2,994	19,102	(4)
Grapefruit (pomeloes)					do	31	1,189	3,656	(4)	2,061	7,177	(4)
Figs					Pound	12,995	35,060	26,877	(4)	804	2,812	(4)
All other										1,282	2,379	(4)
Nuts										4,448	29,714	(4)
Pecans					Pound	3,207	9,891	31,809	(4)	972	7,792	(4)
Walnuts (Persian or English)					do	10,668	22,027	59,840	(4)	2,297	17,916	(4)
Almonds					do	7,143	6,794	15,853	(4)	712	3,963	(4)
Coconuts					Number		17	613	(4)	1	43	(4)
All other					Pound	19,011	23,617		(4)	466	(4)	(4)

[1] Value of crops with production reported in 1924.
[2] Excluding 14,502,932 acres reported for corn cut for forage, which is practically all duplicated in the acreage shown for corn harvested as grain.
[3] Includes 3,169,149 acres of oats unthreshed and 5,172,326 acres of corn hogged off, not reported separately prior to 1924; excludes a few crops for which acreage is not available.
[4] Not available.
[5] Excludes velvet beans, the acreage of which was largely duplicated in the acreage shown for "Hay and forage."
[6] Includes "velvet beans" only.
[7] Exclusive of root crops for forage.
[8] Included in the hay production is an undetermined tonnage of sorghum cut for hay, the acreage being shown separately.
[9] Includes the value of an undetermined tonnage of sorghum cut for hay, no corresponding value being shown in previous years.
[10] See footnote 11.
[11] Including farm gardens in 1899 and 1909, in 1919 vegetables raised for sale only, and in 1924 only 7 vegetables, cabbages, cantaloupes, lettuce, onions, sweet corn, tomatoes, and watermelons, grown for sale. The value of the farm gardens in 1919 (included in the total for crops with no acreage reports) was $344,666,000.
[12] Figures for Louisiana only.

Source: Bureau of the Census, Department of Commerce.

No. 645.—PERCENTAGE OF IMPROVED LAND AND OF TOTAL CROP ACREAGE OCCUPIED BY EACH PRINCIPAL CROP OR CROP GROUP

Crop	Per cent of improved land occupied			Per cent of all reported crop acreage			
	1899	1909	1919	1899	1909	1919	1924
All crops with acreage reports	68.3	65.0	69.3	100.0	100.0	100.0	100.0
All cereals	44.6	40.0	43.5	65.3	61.5	62.8	55.0
Corn	22.9	20.6	17.4	33.5	31.6	25.2	24.3
Wheat	12.7	9.3	14.5	18.6	14.2	21.0	15.0
Oats	7.1	7.3	7.6	10.4	11.3	10.9	11.1
All other	1.9	2.8	4.0	2.8	4.4	5.7	4.6
Beans, peas, peanuts, flaxseed and other seeds	.9	1.1	.9	1.4	1.7	1.2	2.3
Hay and forage	14.9	15.1	16.2	21.8	23.3	23.4	26.3
Tobacco	.3	.3	.4	.4	.4	.5	.5
Cotton	5.9	6.7	6.7	8.6	10.3	9.7	11.6
Sugar crops	.2	.2	.3	.3	.4	.4	.4
Other minor crops	.1	.1	.1	.2	.1	.1	2.5
Vegetables [1]	1.4	1.5	1.1	2.0	2.3	1.6	1.5
Potatoes (Irish or white)	.7	.8	.6	1.0	1.2	.9	.9
Small fruits	.1	.1	(2)	.1	.1	.1	.1

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

Source: Bureau of the Census, Department of Commerce.

No. 646.—TRUCK CROPS: Commercial Acreage and Production

NOTE.—Only States with a crop of commercial importance are included. Weights of the units of measurement are as follows: Number of pounds to the crate—asparagus, 24; celery and cantaloupes, 60; cauliflower, 50; eggplant, 38; lettuce, approximately, 50. Number of pounds to the bushel—carrots, 50; onions, 57; cucumbers, 48; peppers, 22. Tons are of 2,000 pounds

Crop	1923	1924	1925	1926	1927	1928 (prel.)	1928, two leading States
	Acreage						
Asparagus	42,050	50,560	65,530	84,980	90,500	94,930	Calif., N. J.
Beans, snap	61,280	84,600	104,550	98,120	111,090	135,060	Fla., N. J.
Cabbage	*104,880*	*119,120*	*119,970*	*129,330*	*143,790*	*136,850*	N. Y., Tex.
Cantaloupes	84,160	95,250	93,260	101,690	105,780	100,400	Calif., Colo.
Carrots	9,770	11,480	15,760	19,000	26,300	23,980	La., Tex.
Cauliflower	11,580	13,000	15,180	22,520	17,750	20,650	Calif., N. Y.
Celery	20,660	22,550	22,910	21,830	24,550	26,400	Do.
Corn, sweet	252,590	302,790	393,910	317,310	215,430	289,180	Ill., Iowa.
Cucumbers	91,960	121,760	142,190	111,810	93,500	109,840	Mich., Wis.
Eggplant	2,470	2,690	3,490	3,260	2,990	3,890	Fla., La.
Lettuce	57,990	68,660	86,020	105,560	121,880	126,780	Calif., Colo.
Onions	61,940	65,090	65,280	74,200	76,640	77,480	Tex., Ind.
Peas, green	207,210	254,270	260,310	261,840	221,000	267,610	Wis., N. Y.
Peppers	8,030	11,160	13,700	15,330	14,600	18,510	N. C., Fla.
Potatoes, early Irish	281,740	338,250	302,780	323,800	348,230	400,720	Va., N. C.
Spinach	30,550	34,390	44,510	51,680	55,210	63,270	Tex., Calif.
Strawberries	148,360	176,470	145,060	152,480	188,970	203,680	La., Mo.
Tomatoes	379,280	441,790	483,750	372,430	397,430	400,780	Fla., Calif.
Watermelons	157,350	184,830	173,710	199,060	182,510	210,450	Ga., Tex.
	Production						
Asparagus ... 1,000 crates	5,854	5,500	6,301	7,813	7,877	9,235	Calif.
Beans, snap ... 1,000 tons	100	111	150	117	127	147	N. J., Fla.
Cabbage ... do	806	1,068	947	1,036	1,203	977	N. Y., Wis.
Cantaloupes ... 1,000 crates	11,745	13,834	14,553	14,393	15,014	15,521	Calif., Colo.
Carrots ... 1,000 bushels	3,184	4,084	4,800	5,523	7,763	6,702	La., N. Y.
Cauliflower ... 1,000 crates	3,322	2,741	3,403	5,538	4,096	4,087	Calif., N. Y.
Celery ... do	5,684	6,509	6,702	5,767	7,585	7,173	Do.
Corn, sweet ... 1,000 tons	603	528	1,014	816	399	536	Iowa, Ill.
Cucumbers ... 1,000 bushels	7,671	7,549	12,699	9,224	8,256	8,428	Fla., Mich.
Eggplant ... 1,000 crates	850	795	904	791	782	896	Fla., N. J.
Lettuce ... do	11,672	13,221	16,076	17,150	19,383	18,589	Calif., Ariz.
Onions ... 1,000 bushels	17,306	19,190	19,662	21,119	23,595	19,025	Tex., N. Y.
Peas, green ... 1,000 tons	181	274	242	261	239	277	Wis., N. Y.
Peppers ... 1,000 bushels	2,953	3,674	3,455	3,890	3,502	4,418	N. J., Fla.
Potatoes, early Irish ... do	26,245	44,103	30,890	36,624	44,825	55,368	Va., N. J.
Spinach ... 1,000 tons	96	108	107	124	141	138	Calif., Tex.
Strawberries ... 1,000 quarts	256,409	318,121	228,577	277,940	319,519	325,045	Md., La.
Tomatoes ... 1,000 tons	1,609	1,687	2,322	1,376	1,641	1,402	Calif., N. J.
Watermelons ... thousands	42,734	57,086	56,498	69,698	57,682	61,773	Ga., Fla.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 647.—ESTIMATED VALUE OF 22 CROPS AND OF ALL CROPS: BY STATES

NOTE.—The following tabulation gives the estimated total value of 22 crops—corn, wheat, oats, barley, rye, buckwheat, flaxseed, rice, potatoes, sweet potatoes, all hay, tobacco, lint cotton, beans, broomcorn, grain sorghums, hops, oranges, cloverseed, peanuts, cranberries, and apples, in 1924 to 1928, and the calculated value of all crops in 1924 to 1928, based upon ratio of the 22 crops to all crops in the census year 1919. The slight differences in the total value of crops in the United States between Table 597 and this table are due to different methods of estimating. In this ta ble, where each State is shown separately, a more detailed method is used than is practicable in Table 597

[Values in millions and tenths of millions of dollars]

State	Value 22 crops					Hypothetical value all crops				
	1924	1925	1926	1927	1928	1924	1925	1926	1927	1928
United States	8,478.3	7,967.3	7,042.1	7,676.1	7,602.6	10,043.4	9,531.5	8,438.5	9,168.5	9,093.2
Maine	45.4	94.1	74.6	58.1	39.2	49.4	102.2	81.1	63.1	42.6
New Hampshire	14.3	17.0	15.4	14.7	12.6	18.0	21.5	19.5	18.6	16.0
Vermont	33.8	32.5	32.4	28.2	27.0	43.9	42.2	42.1	36.6	35.1
Massachusetts	29.9	33.3	30.8	30.2	29.4	43.9	48.9	45.3	44.4	43.3
Rhode Island	2.7	3.1	3.2	2.6	2.6	3.9	4.6	4.6	3.8	3.7
Connecticut	31.3	29.6	30.2	29.5	29.2	38.6	36.6	37.3	36.5	36.1
New York	228.6	253.9	219.4	199.6	177.7	296.8	329.8	284.9	259.3	230.8
New Jersey	36.1	42.1	37.2	35.0	29.4	51.5	60.1	53.1	50.0	42.0
Pennsylvania	232.7	257.9	223.9	214.5	189.0	270.5	299.8	260.3	249.5	219.8
Ohio	273.9	271.0	261.6	232.9	230.1	314.8	311.5	300.7	267.7	264.5
Indiana	240.7	224.3	202.5	192.2	202.8	267.5	249.2	225.0	213.5	225.4
Illinois	510.6	426.8	360.0	356.5	432.5	555.0	463.9	391.4	387.5	470.1
Michigan	210.5	221.1	206.0	185.8	194.6	256.7	269.6	251.2	226.5	237.3
Wisconsin	236.1	272.9	244.0	247.1	240.9	291.5	336.9	301.2	305.1	297.5
Minnesota	373.6	331.1	290.1	287.8	290.4	419.8	372.1	326.0	323.3	326.3
Iowa	490.7	444.2	405.7	448.0	501.7	533.4	482.9	441.0	486.9	545.3
Missouri	293.9	278.6	246.0	238.3	249.1	330.3	313.0	276.4	267.7	279.9
North Dakota	329.6	259.1	176.9	256.6	223.5	358.2	281.6	192.3	278.9	242.9
South Dakota	228.4	174.2	113.2	225.3	156.9	245.6	187.3	121.8	242.3	168.7
Nebraska	349.3	300.7	241.7	359.9	315.4	367.7	316.5	254.4	378.8	332.0
Kansas	415.1	285.2	303.4	328.3	371.3	456.2	313.4	333.4	360.8	408.0
Delaware	11.8	12.6	10.5	11.7	11.6	16.4	17.5	14.5	16.2	16.2
Maryland	56.3	60.1	55.8	57.5	49.8	70.3	75.1	69.8	71.8	62.3
Virginia	151.6	140.1	143.6	154.0	145.6	178.3	164.8	169.0	181.1	171.3
West Virginia	54.5	61.4	60.0	57.1	56.5	67.3	75.7	74.0	70.5	69.8
North Carolina	278.3	294.9	278.8	299.9	264.6	319.9	339.0	320.5	344.7	304.1
South Carolina	143.2	135.9	115.1	136.9	117.7	174.7	165.8	140.3	166.9	143.6
Georgia	206.1	185.6	169.4	208.3	185.7	257.6	232.0	211.8	260.3	232.2
Florida	37.9	52.2	53.2	58.1	55.3	61.1	84.2	85.8	93.8	89.2
Kentucky	195.3	175.3	154.9	153.5	169.2	219.5	197.0	174.1	172.5	190.1
Tennessee	182.7	162.0	149.9	154.1	165.7	220.0	195.2	180.6	185.7	199.7
Alabama	182.2	188.5	140.3	182.6	159.6	224.9	232.7	173.3	225.5	197.1
Mississippi	178.2	244.3	156.2	189.2	176.9	214.7	294.3	188.2	227.9	213.1
Arkansas	195.8	191.5	154.5	163.6	168.9	235.9	230.7	186.2	197.1	203.5
Louisiana	104.5	141.0	96.3	106.5	114.7	147.2	198.6	135.6	150.0	161.6
Oklahoma	351.8	251.2	263.8	243.8	263.9	404.4	288.8	303.2	280.2	303.4
Texas	751.8	494.4	516.8	612.2	649.8	905.8	595.6	620.5	737.5	782.9
Montana	117.4	101.4	96.9	137.1	117.5	136.5	117.9	112.7	159.4	136.7
Idaho	73.0	103.7	82.6	95.3	84.7	83.0	117.8	93.9	108.3	96.2
Wyoming	23.7	27.6	26.6	27.7	28.5	26.9	31.4	30.3	31.4	32.4
Colorado	92.1	112.0	82.7	87.7	86.4	121.2	147.4	108.8	115.4	113.6
New Mexico	30.8	22.0	26.8	22.7	26.2	40.0	28.6	34.8	29.5	34.0
Arizona	28.1	27.6	22.3	28.1	34.2	33.5	32.8	26.5	33.4	40.7
Utah	22.3	33.0	25.8	26.0	29.6	31.8	47.2	36.9	37.2	42.2
Nevada	8.0	10.2	8.7	7.8	10.1	8.3	10.6	9.0	8.1	10.6
Washington	107.1	147.6	120.9	144.5	121.7	130.6	180.0	147.4	176.2	148.4
Oregon	59.4	76.8	67.0	80.3	77.1	79.2	102.4	89.4	107.1	102.8
California	227.4	261.6	244.3	259.1	285.2	421.0	484.5	452.4	479.8	528.2

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 648.—COTTON AND COTTONSEED: Area, Production, and Farm Value, by States

Note.—Figures for cotton production exclude linters. Blank spaces indicate data not available. Tons are of 2,000 pounds

ALABAMA

Yearly average or year	Cotton					Cottonseed			Total value
	Acres	Bales (500 pounds gross)	Farm value, Dec. 1	Yield per acre	Farm price per pound, Dec. 1	Quantity	Value	Farm price per ton (annual average)	
	Thousands	*Thousands*	*1,000 dollars*	*Pounds*	*Cents*	*1,000 short tons*	*1,000 dollars*	*Dollars*	*1,000 dollars*
1909-1913	3,708	1,354	81,844	174	12.4	601	13,870	23.73	95,714
1914-1918	3,024	925	69,585	142	18.5	411	16,824	49.34	86,409
1919-1923	2,747	673	82,466	122	24.5	299	12,851	42.98	95,317
1924-1928	3,382	1,228	106,836	174	17.4	545	17,128	31.43	123,964
1923	3,079	587	93,289	91	31.8	260	11,963	46.07	105,252
1924	3,055	986	111,702	154	22.7	[1] 438	15,825	36.13	127,587
1925	3,504	1,357	128,210	185	18.9	602	19,077	31.69	147,287
1926	3,651	1,498	80,143	196	10.7	665	12,635	22.62	92,778
1927	3,166	1,192	113,145	180	19.0	529	19,409	36.69	132,554
1928 (preliminary)	3,534	1,109	100,919	150	18.2	492	18,696	[2] 38.00	119,615

ARIZONA

1919-1923	131	67	11,408	256	34.1	30			
1924-1928	170	118	12,844	332	21.8	52	1,436	27.62	14,280
1923	127	78	13,178	292	34.0	34		39.79	
1924	180	108	14,204	285	26.4	48	1,543	32.15	15,747
1925	162	119	12,748	350	21.5	53	1,465	27.64	14,213
1926	167	123	8,113	349	13.3	54	972	19.15	9,085
1927	139	92	11,648	315	25.6	41	1,220	29.76	12,868
1928 (preliminary)	200	149	17,508	367	23.5	66	1,980	[2] 30.00	19,488

ARKANSAS

1909-1913	2,262	868	52,361	183	12.2	386	8,206	21.69	60,567
1914-1918	2,596	985	93,307	183	18.8	438	20,408	46.29	113,715
1919-1923	2,782	906	105,035	163	23.2	402	14,813	36.85	119,848
1924-1928	3,470	1,299	110,608	179	17.0	576	16,626	28.86	127,234
1923	3,026	628	99,161	98	31.9	[1] 276	12,230	44.50	111,391
1924	3,094	1,098	124,743	169	22.8	[1] 486	16,626	34.21	141,369
1925	3,738	1,605	128,770	205	16.1	[1] 711	17,796	25.03	146,566
1926	3,790	1,548	85,140	195	11.0	687	12,022	19.73	97,162
1927	3,048	1,000	101,000	157	20.2	444	15,913	35.84	116,913
1928 (preliminary)	3,681	1,246	113,386	162	18.2	554	20,775	[2] 37.50	134,161

CALIFORNIA (includes Lower California prior to 1924)

1910-1913	10	12	691	419	11.6				
1914-1918	89	49	5,181	358	19.2	28	1,525		
1919-1923	207	49	7,722	118	31.5	22			
1924-1928	161	119	11,638	353	19.6	53	1,565	29.53	13,203
1923	233	54	8,700	285	32.0	24	708	29.50	9,408
1924	130	78	9,299	284	24.0	35	1,139	32.54	10,438
1925	169	122	13,397	340	22.0	54	1,827	33.84	15,224
1926	162	131	9,170	387	14.0	58	1,160	23.20	10,330
1927	128	91	9,555	340	21.0	40	1,304	32.60	10,859
1928 (preliminary)	218	172	16,770	378	19.5	76	2,394	[2] 31.50	19,164

FLORIDA

1909-1913	243	62	5,107	123	17.0	34	734	22.09	5,841
1914-1918	191	48	6,161	117	30.3	28	1,112	45.39	7,273
1919-1923	107	16	2,104	75	26.3	8	316	39.50	2,420
1924-1928	89	25	2,198	134	17.6	12	351	29.25	2,549
1923	147	12	1,778	40	28.8	6	250	41.05	2,028
1924	80	19	2,443	130	22.5	[1] 10	357	35.67	2,800
1925	101	38	3,589	180	18.8	17	537	31.60	4,126
1926	105	32	1,632	145	10.2	14	266	24.12	1,898
1927	64	16	1,624	126	19.1	8	269	33.65	1,893
1928 (preliminary)	95	19	1,700	97	17.9	9	324	[2] 36.00	2,024

[1] Slight difference from census figures on ginnings due to ginnings in one State of cotton grown in another.
[2] As of Dec. 1.

No. 648.—COTTON AND COTTONSEED: AREA, PRODUCTION, AND FARM VALUE, BY STATES—Continued

GEORGIA

Yearly average or year	Cotton					Cottonseed			Total value
	Acres	Bales (500 pounds gross)	Farm value, Dec. 1	Yield per acre	Farm price per pound, Dec. 1	Quantity	Value	Farm price per ton (annual average)	
	Thousands	*Thousands*	*1,000 dollars*	*Pounds*	*Cents*	*1,000 short tons*	*1,000 dollars*	*Dollars*	*1,000 dollars*
1909-1913	5,141	2,087	127,034	193	12.5	938	21,478	23.49	148,512
1914-1918	5,214	2,001	189,373	191	18.9	939	45,024	49.96	234,397
1919-1923	4,226	1,033	130,040	122	25.2	458	21,590	47.14	151,630
1924-1928	3,548	1,159	101,249	156	17.5	514	16,693	32.48	117,942
1923	3,421	588	94,118	82	32.0	261	12,327	47.27	106,445
1924	3,046	1,004	112,217	157	22.4	445	16,518	37.12	128,735
1925	3,589	1,164	110,569	155	19.0	516	17,590	34.09	128,159
1926	3,965	1,496	83,028	180	11.1	664	13,944	24.37	96,972
1927	3,413	1,100	106,700	154	19.4	488	18,505	37.92	125,205
1928 (preliminary)	3,728	1,029	93,730	132	18.2	457	16,909	[2] 37.00	110,639
LOUISIANA									
1909-1913	1,031	341	19,950	157	12.0	151	3,210	22.16	23,160
1914-1918	1,335	246	48,602	175	18.3	219	10,604	45.50	59,206
1919-1923	1,342	335	39,492	125	23.6	149	5,588	37.50	45,079
1924-1928	1,800	694	69,524	184	17.2	308	8,701	28.25	68,225
1923	1,405	368	55,734	125	30.3	163	6,621	40.83	62,355
1924	1,616	493	55,177	145	22.4	219	6,844	31.25	62,021
1925	1,874	910	82,397	232	18.1	404	11,874	29.39	94,271
1926	1,979	829	45,595	200	11.0	368	6,624	20.22	52,219
1927	1,542	548	52,608	170	19.2	243	8,187	33.69	60,795
1928 (preliminary)	1,990	691	61,844	166	17.9	307	9,978	[2] 32.50	71,822
MISSISSIPPI									
1909-1913	3,181	1,181	74,131	178	12.5	525	12,290	23.48	86,421
1914-1918	2,965	1,029	95,974	166	19.0	457	21,192	47.39	117,166
1919-1923	2,922	852	106,693	146	25.0	378	15,118	39.99	121,811
1924-1928	3,514	1,562	141,819	212	18.2	693	22,006	31.75	163,825
1923	3,170	604	98,119	91	32.5	268	12,537	46.78	110,656
1924	2,981	1,099	130,188	176	23.7	487	17,688	36.32	147,876
1925	3,466	1,991	194,077	275	19.5	884	26,821	30.34	220,898
1926	3,752	1,888	109,504	241	11.6	838	17,598	24.56	127,102
1927	3,340	1,355	138,888	194	20.5	602	22,376	37.17	161,264
1928 (preliminary)	4,029	1,475	136,438	175	18.5	655	25,545	[2] 39.00	161,983
MISSOURI									
1909-1913	105	65	3,038	292	11.6	29	678	23.88	3,977
1914-1918	135	63	5,602	225	18.2	28	1,280	46.46	6,882
1919-1923	183	98	11,613	268	23.7	43	1,845	42.91	13,458
1924-1928	414	193	15,211	223	15.8	86	2,647	30.78	17,858
1923	355	121	20,594	171	32.5	[1] 57	3,007	50.24	23,601
1924	493	189	22,179	185	23.0	[1] 86	3,440	40.00	25,619
1925	520	294	17,956	275	12.0	[1] 133	4,043	30.40	21,999
1926	434	218	10,900	240	10.0	97	1,630	19.78	12,530
1927	291	115	11,788	188	20.5	51	1,846	36.20	13,634
1928 (preliminary)	334	147	13,230	210	18.0	65	2,275	[2] 35.00	15,505
NEW MEXICO									
1924-1928	108	68	6,781	301	19.9	32	898	28.06	7,679
1923	60	28	4,584	230	31.0	14			
1924	101	55	7,137	266	25.0	25	798	23.21	7,935
1925	107	64	6,644	298	20.0	30	916	30.52	7,560
1926	120	71	4,612	299	12.3	33	594	20.50	5,206
1927	95	65	6,930	352	19.8	31	936	30.18	7,866
1928 (preliminary)	117	84	8,580	360	19.5	39	1,248	[2] 32.00	9,828

[1] Slight differences from census figures on ginnings due to ginnings in one State of cotton grown in another.
[2] As of Dec. 1.

No. 648.—Cotton and Cottonseed: Area, Production, and Farm Value, by States—Continued

Yearly average or year	Cotton					Cottonseed			Total value
	Acres	Bales (500 pounds gross)	Farm value, Dec. 1	Yield per acre	Farm price per pound, Dec. 1	Quantity	Value	Farm price per ton (annual average)	
	Thousands	*Thousands*	*1,000 dollars*	*Pounds*	*Cents*	*1,000 short tons*	*1,000 dollars*	*Dollars*	*1,000 dollars*
NORTH CAROLINA									
1909–1913	1,516	808	48,319	252	12.3	358	8,850	25.57	57,169
1914–1918	1,475	760	67,774	245	18.3	337	10,278	49.59	84,052
1919–1923	1,557	881	107,678	283	24.4	390	17,060	43.74	124,738
1924–1928	1,919	967	85,792	241	17.7	429	14,364	33.48	100,156
1923	1,679	1,020	157,101	290	30.8	452	20,150	44.60	177,251
1924	2,005	825	93,262	196	22.6	366	13,670	37.35	106,932
1925	2,017	1,102	104,671	261	19.0	488	16,885	34.60	121,556
1926	1,985	1,213	69,748	292	11.5	530	11,858	24.56	81,606
1927	1,728	661	83,948	238	19.5	382	14,569	38.14	98,518
1928 (preliminary)	1,860	836	77,330	215	18.5	371	14,840	[2] 40.00	92,170
OKLAHOMA									
1909–1913	2,539	870	48,658	164	11.4	387	7,560	20.23	56,218
1914–1918	2,617	852	71,205	157	17.8	379	15,622	44.19	86,827
1919–1923	2,698	823	91,046	153	22.1	366	12,667	34.61	103,713
1924–1928	4,319	1,443	120,738	160	16.7	641	18,020	28.11	138,758
1923	3,197	656	97,023	98	29.6	291	11,497	39.59	108,520
1924	3,861	1,511	167,673	187	22.2	671	21,499	32.04	189,172
1925	5,214	1,691	143,735	155	17.0	751	21,456	28.57	165,191
1926	4,676	1,773	85,990	181	9.7	787	12,120	16.63	98,110
1927	3,601	1,037	102,663	138	19.8	461	16,803	36.45	119,466
1928 (preliminary)	4,243	1,205	103,630	136	17.2	536	18,224	[2] 34.00	121,854
SOUTH CAROLINA									
1909–1913	2,662	1,295	78,696	230	12.4	576	13,622	24.18	92,318
1914–1918	2,799	1,281	120,117	218	18.8	570	28,220	49.95	148,337
1919–1923	2,449	1,013	123,132	207	24.3	449	20,260	45.12	143,391
1924–1928	2,485	832	73,993	160	17.8	369	12,281	33.28	86,274
1923	1,965	770	123,226	187	32.0	341	15,485	45.31	138,711
1924	2,404	807	89,129	160	22.1	357	13,155	36.85	102,284
1925	2,654	889	83,535	160	18.8	394	13,384	33.97	96,919
1926	2,648	1,008	58,968	182	11.7	448	9,408	25.00	68,376
1927	2,356	730	71,540	148	19.6	324	12,898	39.81	84,438
1928 (preliminary)	2,361	726	66,792	147	18.4	322	12,558	[2] 39.00	79,350
TENNESSEE									
1909–1913	797	337	20,241	200	12.3	150	3,480	23.71	23,721
1914–1918	872	328	28,710	180	18.2	146	6,632	47.07	35,342
1919–1923	878	311	36,255	177	23.3	138	5,694	41.26	41,949
1924–1928	1,077	423	35,603	188	16.8	187	5,809	31.06	41,412
1923	1,172	228	36,159	92	32.0	101	4,774	47.28	40,933
1924	996	356	41,103	170	23.2	[1] 157	5,831	37.14	46,934
1925	1,173	517	41,737	210	16.2	[1] 229	6,396	27.93	48,133
1926	1,143	452	22,550	188	10.0	200	3,800	20.76	26,350
1927	965	359	34,105	178	19.0	159	5,797	36.46	39,902
1928 (preliminary)	1,107	429	38,520	185	18.0	190	7,220	[2] 38.00	45,740
TEXAS									
1909–1913	10,920	3,731	215,097	162	11.8	1,659	32,868	20.59	247,965
1914–1918	11,233	3,473	298,820	148	18.4	1,545	62,646	43.38	361,466
1919–1923	11,829	3,441	408,874	145	23.8	1,530	54,243	35.45	463,117
1924–1928	17,415	4,843	422,016	133	17.4	2,151	63,809	29.66	485,825
1923	14,150	4,342	659,738	147	30.4	[1] 1,927	75,326	39.15	735,064
1924	17,175	4,951	554,311	138	22.4	[1] 2,197	70,370	32.03	624,681
1925	17,608	4,165	385,112	113	18.5	[1] 1,849	59,113	31.97	444,225
1926	18,374	5,631	303,912	147	10.8	2,499	43,732	20.56	347,644
1927	16,176	4,356	419,968	129	19.3	1,938	66,241	34.18	486,209
1928 (preliminary)	17,743	5,110	446,775	139	17.5	2,274	79,590	[2] 35.00	526,365

[1] Slight differences from census figures on ginnings due to ginnings in one State of cotton grown in another.
[2] As of Dec. 1.

No. 648.—Cotton and Cottonseed: Area, Production, and Farm Value, by States—Continued

VIRGINIA

Yearly average or year	Cotton					Cottonseed			Total value
	Acres	Bales (500 pounds gross)	Farm value, Dec. 1	Yield per acre	Farm price per pound, Dec. 1	Quantity	Value	Farm price per ton (annual average)	
	Thousands	*Thousands*	*1,000 dollars*	*Pounds*	*Cents*	*1,000 short tons*	*1,000 dollars*	*Dollars*	*1,000 dollars*
1909-1913	39	20	1,207	244	12.2	9	216	24.00	1,423
1914-1918	43	22	2,072	250	18.5	10	486	48.60	2,558
1919-1923	49	28	3,605	286	25.8	12	546	45.50	4,151
1924-1928	88	43	3,892	234	18.1	19	689	36.26	4,581
1923	74	51	8,093	325	32.0	22	982	44.64	9,075
1924	102	39	4,456	180	23.0	17	683	40.20	5,139
1925	100	53	4,991	250	19.0	23	831	36.14	5,822
1926	93	51	2,907	264	11.4	23	598	28.72	3,505
1927	64	30	3,100	230	20.0	14	553	39.50	3,653
1928 (preliminary)	79	44	4,004	265	18.2	19	779	[2] 41.00	4,783

OTHER STATES

1924-1928	37	13	1,127	168	17.3	6	191		1,318
1923	13	6	1,234	221	31.0	[1] 4	2,238		3,472
1924	41	12	1,601	164	23.0	[1] 6	204		1,805
1925	57	24	1,894	214	14.9	11	370		2,264
1926	43	16	824	180	9.7	8	160		984
1927	22	[3] 7	675	160	19.3	4	110		785
1928 (preliminary)	22	[3] 6	640	152	18.3	3	112		752

[1] Slight differences from census figures on ginnings due to ginnings in 1 State of cotton grown in another.
[2] As of Dec. 1.
[3] Includes Illinois, Kansas, and Kentucky, and the linter production of Florida, Missouri, New Mexico, and Virginia.

Source: Production of cotton, Bureau of the Census, Department of Commerce; other figures, Department of Agriculture.

No. 649.—FERTILIZER: Amount Sold in 12 Southern States as Shown by Tag Sales

[In tons of 2,000 pounds]

State.	1922	1923	1924	1925	1926	1927	1928
Total	3,514,535	4,334,003	4,688,186	5,077,439	5,144,647	4,551,325	5,572,366
Per cent increase over preceding year	*20.8*	*23.3*	*8.2*	*8.3*	*1.3*	[1] *11.5*	*22.4*
Virginia [2]	449,942	422,350	441,895	451,656	435,223	408,008	437,709
North Carolina	951,174	1,066,553	1,183,053	1,217,822	1,218,176	1,171,499	1,349,360
South Carolina [2]	526,599	693,386	844,440	873,255	840,128	726,736	788,293
Georgia	521,547	675,867	678,959	778,808	780,302	713,047	883,274
Florida	353,769	398,564	365,317	258,463	398,480	417,438	468,907
Alabama	284,370	447,013	456,840	588,115	615,364	478,400	681,100
Mississippi	142,517	208,385	206,122	258,028	278,075	218,750	333,350
Tennessee	89,519	106,361	115,230	142,174	156,336	112,473	150,726
Missouri	50,021	51,597	47,121	63,939	56,891	56,100	64,922
Arkansas	36,115	79,616	96,750	124,387	126,175	75,487	126,391
Louisiana [2]	75,050	104,624	124,668	110,784	114,347	92,866	143,693
Texas [2]	33,912	78,787	127,791	101,008	125,150	80,521	144,643

[1] Decrease. [2] Includes cottonseed meal used as fertilizer.

Source: The Fertilizer Review, National Fertilizer Association.

No. 650.—CORN: AREA, PRODUCTION,

Division and State	Acres					Yield per acre				
	1909–1913, average	1925	1926	1927	1928 (preliminary)	1909–1913, average	1925	1926	1927	1928 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	104,229	101,302	99,615	98,393	100,761	26.0	28.8	27.0	28.1	28.2
New England	198	217	220	224	217	42.5	48.7	42.4	39.1	42.4
Maine	16	12	13	14	13	41.2	45.0	35.0	37.0	40.0
New Hampshire	22	14	15	15	14	41.8	50.0	43.0	41.0	40.0
Vermont	45	85	84	84	80	39.6	48.0	43.0	39.0	44.0
Massachusetts	46	43	45	46	45	42.6	50.0	44.0	41.0	42.0
Rhode Island	11	9	9	10	10	39.8	45.0	41.0	38.0	39.0
Connecticut	58	54	54	55	55	46.2	50.0	42.0	38.0	42.0
Middle Atlantic	2,223	2,298	2,252	2,112	2,114	38.6	46.6	39.6	37.8	37.4
New York	521	691	670	663	650	36.0	36.0	35.0	34.0	34.0
New Jersey	270	199	188	179	181	36.6	52.0	46.0	40.0	38.5
Pennsylvania	1,432	1,408	1,394	1,270	1,283	39.8	51.0	41.0	39.5	39.0
South Atlantic	12,365	11,351	11,041	11,032	10,721	19.7	17.6	20.5	21.0	17.8
Delaware	194	137	138	135	136	32.5	37.0	31.0	35.0	33.0
Maryland	663	554	554	515	530	34.2	45.0	39.8	44.0	36.5
Virginia	1,952	1,681	1,694	1,626	1,642	24.5	22.0	27.5	29.5	27.5
West Virginia	708	520	485	441	459	29.6	36.5	33.0	33.5	36.0
North Carolina	2,690	2,400	2,376	2,352	2,305	18.3	18.5	22.0	22.8	18.5
South Carolina	1,791	1,584	1,426	1,497	1,422	18.2	12.3	15.5	17.0	12.0
Georgia	3,727	3,895	3,817	3,893	3,620	14.7	10.7	14.5	14.0	10.5
Florida	640	580	551	573	607	13.6	15.0	14.0	13.0	13.0
East North Central	22,363	21,633	21,180	19,568	21,381	36.4	43.7	36.6	30.8	37.8
Ohio	3,950	3,741	3,591	3,376	3,646	39.0	48.0	41.0	32.5	37.5
Indiana	4,880	4,672	4,672	4,205	4,583	38.3	43.5	38.0	31.5	35.2
Illinois	10,311	9,393	9,205	8,469	9,570	35.0	42.0	35.0	30.0	38.4
Michigan	1,650	1,642	1,593	1,418	1,461	33.7	40.0	34.0	27.5	35.0
Wisconsin	1,572	2,185	2,119	2,100	2,121	35.6	46.5	34.5	32.5	43.0
West North Central	37,485	43,368	42,160	41,185	42,560	26.3	29.7	25.2	31.8	30.8
Minnesota	2,182	4,136	4,343	4,172	4,080	35.1	36.0	34.0	30.5	35.0
Iowa	9,709	11,234	11,170	10,901	11,174	35.2	43.0	39.0	35.5	42.6
Missouri	7,402	6,741	6,471	5,796	6,260	27.0	29.5	27.2	29.0	29.0
North Dakota	278	1,056	1,009	959	997	25.1	23.5	18.0	25.0	24.5
South Dakota	2,317	4,478	4,630	4,655	4,469	27.0	17.5	18.0	29.0	21.0
Nebraska	7,467	9,100	8,994	8,805	8,937	22.1	26.0	15.5	33.1	23.8
Kansas	8,130	6,623	5,563	5,897	6,634	15.9	16.6	11.0	30.0	27.0
East South Central	12,612	11,167	10,911	10,547	10,359	22.1	19.9	24.7	21.3	17.1
Kentucky	3,557	3,231	3,069	2,885	3,029	27.0	26.5	33.0	26.0	22.0
Tennessee	3,326	3,162	3,099	2,944	2,915	24.3	20.0	27.5	24.0	19.5
Alabama	2,955	2,797	2,825	2,800	2,650	16.8	13.5	16.2	16.0	11.5
Mississippi	2,774	1,977	1,918	1,918	1,765	18.5	18.0	19.2	17.8	13.0
West South Central	16,347	8,746	9,350	11,452	11,016	17.3	10.8	24.5	22.7	20.3
Louisiana	1,776	1,225	1,127	1,161	1,242	21.0	18.0	17.5	17.5	17.0
Texas	6,666	2,957	3,844	5,189	4,722	18.0	8.5	27.8	23.0	21.0
Oklahoma	5,504	2,558	2,353	3,177	3,050	13.8	7.5	26.0	26.5	23.0
Arkansas	2,401	2,006	2,026	1,925	2,002	20.4	14.0	20.5	19.0	16.5
Mountain	535	2,312	2,280	2,072	2,190	20.8	17.3	11.4	18.4	15.7
Montana	20	309	359	305	274	28.3	16.5	11.0	23.5	19.0
Wyoming	13	191	176	176	167	21.0	23.0	20.0	20.0	18.0
Colorado	377	1,410	1,398	1,284	1,438	18.7	15.0	7.0	15.5	13.0
New Mexico	89	175	221	166	190	44.0	18.0	20.0	15.0	17.5
Arizona	16	39	40	44	30	31.7	26.0	28.0	32.0	26.0
Utah	8	18	18	19	18	32.1	24.0	24.0	27.0	29.0
Nevada	1	2	2	2	2	31.1	25.0	24.0	25.0	22.0
Idaho	11	78	66	76	53	31.5	41.0	41.0	41.0	46.0
Pacific	101	210	201	201	203	32.1	33.0	32.9	34.7	35.2
Washington	30	58	49	43	46	27.9	35.0	35.0	37.0	39.0
Oregon	19	71	75	81	82	28.9	29.0	33.0	36.0	36.0
California	52	81	77	77	75	35.7	35.1	31.5	32.0	32.0

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

Production					Farm value, Dec. 1					Division and State
					Amount					
1909–1913, average	1925	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)	Per bushel, 1928	Per acre, 1928	
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	*Dollars*	
2,712,364	2,916,106	2,691,531	2,763,093	2,839,959	1,728,970	1,997,759	2,132,991	75	21.17	U. S.
8,423	10,575	9,329	8,765	9,190	9,640	9,883	11,128	121	51.28	New Eng.
678	540	455	518	520	455	570	598	115	46.00	Me.
924	700	645	615	560	645	646	672	120	48.00	N. H.
1,767	4,080	3,612	3,276	3,520	3,431	3,440	3,872	110	48.40	Vt.
1,954	2,150	1,980	1,886	1,890	2,277	2,263	2,457	130	54.60	Mass.
417	405	369	380	390	424	456	526	135	52.60	R. I.
2,683	2,700	2,268	2,090	2,310	2,605	2,508	3,003	130	54.60	Conn.
85,700	107,032	89,252	79,867	79,105	71,665	73,376	75,172	95	35.56	Mid. Atlantic.
18,746	24,876	23,450	22,542	22,100	20,167	21,640	21,879	99	33.66	N. Y.
9,890	10,348	8,648	7,160	6,968	6,918	6,086	6,759	97	37.34	N. J.
57,004	71,808	57,154	50,165	50,037	44,580	45,650	46,534	93	36.27	Pa.
243,586	200,220	226,352	231,152	191,119	186,543	203,889	192,958	101	18.00	S. Atlantic.
6,292	5,069	4,278	4,725	4,488	2,738	3,780	3,949	88	29.04	Del.
22,089	24,930	22,049	22,660	19,345	14,111	18,128	17,024	88	32.12	Md.
47,930	36,982	46,585	47,967	45,155	39,597	44,130	45,155	100	27.50	Va.
20,959	18,980	16,005	14,774	16,524	15,045	14,774	17,020	103	37.08	W. Va.
49,334	44,400	52,272	53,626	42,642	45,999	48,800	43,921	103	19.05	N. C.
32,620	19,483	22,103	25,449	17,064	19,893	22,904	18,088	106	12.72	S. C.
55,012	41,676	55,346	54,502	38,010	42,063	44,147	39,910	105	11.02	Ga.
8,750	8,700	7,714	7,449	7,801	7,097	7,226	7,801	100	13.00	Fla.
813,703	944,588	774,210	603,493	807,873	451,893	445,421	586,556	73	27.43	E. N. Central.
154,084	179,568	147,231	109,720	136,725	88,339	84,484	103,911	76	28.50	Ohio.
187,009	203,232	177,536	132,458	161,322	88,768	90,071	111,312	69	24.29	Ind.
360,969	394,506	322,175	254,070	367,488	180,418	180,390	257,242	70	26.88	Ill.
55,505	65,680	54,162	38,995	51,135	39,538	33,146	42,953	84	29.40	Mich.
56,136	101,602	73,106	68,250	91,203	54,830	57,330	71,138	78	33.54	Wis.
984,468	1,290,127	1,061,405	1,309,642	1,310,761	644,650	854,943	880,714	67	20.69	W. N. Central.
76,953	148,896	147,662	127,246	143,115	82,691	81,437	88,731	62	21.70	Minn.
342,030	492,648	435,630	386,986	476,012	243,953	267,020	318,928	67	28.54	Iowa.
200,135	198,860	176,011	168,084	181,540	119,687	126,063	132,524	73	21.17	Mo.
7,097	24,816	18,162	23,975	24,426	12,350	14,864	14,900	61	14.94	N. Dak.
62,318	78,365	83,340	134,995	93,849	48,337	76,947	58,186	62	13.02	S. Dak.
164,891	236,600	139,407	291,446	212,701	94,797	180,697	151,018	71	16.90	Nebr.
131,044	100,942	61,193	176,910	179,118	42,835	107,915	116,427	65	17.55	Kans.
278,509	222,208	260,090	224,606	176,900	187,055	197,619	177,740	101	17.16	E. S. Central.
95,802	85,622	101,277	75,010	66,638	65,830	66,009	63,972	96	21.12	Ky.
81,073	62,240	85,222	70,656	56,842	56,247	58,644	56,842	100	19.50	Tenn.
49,915	37,760	45,765	44,800	30,475	34,781	41,216	33,522	110	12.65	Ala.
51,719	35,586	36,826	34,140	22,945	30,197	31,750	23,404	102	13.26	Miss.
283,602	94,453	229,296	260,430	223,459	149,354	177,354	174,955	78	15.88	W. S. Central.
37,248	22,050	19,722	20,318	21,114	17,750	18,286	19,347	94	15.98	La.
120,576	25,134	106,863	119,347	99,162	64,118	77,576	77,340	78	16.38	Tex.
76,663	19,185	61,178	84,190	70,150	34,260	49,672	47,702	68	15.64	Okla.
49,115	28,084	41,533	36,575	33,033	33,226	31,820	30,060	91	15.01	Ark.
11,133	39,971	25,981	38,167	34,406	21,294	28,411	26,520	77	12.11	Mountain.
548	6,584	3,949	7,168	5,206	3,633	5,161	4,269	82	15.58	Mont.
284	4,393	3,520	3,520	3,006	2,534	2,605	2,254	75	13.50	Wyo.
7,011	21,150	9,786	19,902	18,694	6,948	13,533	12,712	68	8.84	Colo.
2,143	3,150	4,420	2,490	3,482	3,845	2,316	3,099	89	15.57	N. Mex.
500	1,014	1,120	1,408	1,014	1,344	1,619	1,268	125	32.51	Ariz.
264	432	432	513	522	497	564	626	120	34.78	Utah.
30	50	48	50	44	58	58	49	112	24.50	Nev.
353	3,198	2,706	3,116	2,438	2,435	2,555	2,243	92	42.32	Idaho.
3,240	6,932	6,616	6,971	7,146	6,676	6,868	7,248	101	35.70	Pacific.
832	2,030	1,715	1,501	1,794	1,629	1,432	1,776	99	38.61	Wash.
556	2,059	2,475	2,916	2,952	2,475	2,770	2,952	100	36.00	Oreg.
1,852	2,843	2,426	2,464	2,400	2,572	2,661	2,520	105	33.60	Calif.

No. 651.—WHEAT: AREA, PRODUCTION,

Division and State	Acres					Yield per acre				
	1909–1913, average	1925	1926	1927	1928 (preliminary)	1909–1913, average	1925	1926	1927	1928 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	47,097	52,367	56,359	58,784	57,724	14.7	13.9	14.8	14.9	15.6
New England	4	9	8	5	5	25.3	26.4	20.0	18.4	19.2
Maine	3	7	6	4	4	25.0	28.0	20.0	18.0	20.0
Vermont	1	2	2	1	1	26.3	21.0	20.0	20.0	16.0
Middle Atlantic	1,685	1,489	1,516	1,459	1,484	17.4	19.9	19.6	19.2	15.5
New York	*333*	*308*	*279*	*301*	*316*	*20.0*	*19.5*	*17.5*	*20.0*	*14.9*
New Jersey	82	56	60	60	60	18.0	21.0	22.0	23.0	20.0
Pennsylvania	1,270	1,125	1,177	1,098	1,108	16.7	20.0	20.0	18.5	15.5
South Atlantic	2,476	1,912	2,058	2,133	2,029	12.6	15.2	17.7	13.3	14.2
Delaware	113	102	103	98	102	15.0	18.5	20.0	19.0	18.0
Maryland	602	495	520	525	530	15.1	21.0	23.0	17.5	16.5
Virginia	742	630	687	687	673	12.2	14.2	16.5	12.2	14.5
West Virginia	231	134	147	135	122	12.9	13.5	16.0	13.3	13.0
North Carolina	586	406	447	483	444	10.4	11.0	14.1	10.7	11.6
South Carolina	72	46	50	80	64	10.8	11.0	16.0	11.0	12.5
Georgia	130	99	104	125	94	10.8	10.5	15.0	9.2	11.0
East North Central	7,070	6,647	6,893	6,956	4,336	15.6	15.6	19.7	16.4	13.7
Ohio	1,878	1,616	1,795	1,615	872	14.8	15.0	22.5	18.0	10.9
Indiana	2,017	1,772	1,703	1,790	910	14.4	14.5	20.0	15.5	10.5
Illinois	2,135	2,290	2,283	2,509	1,563	15.1	16.1	18.0	13.9	15.5
Michigan	860	856	984	897	887	16.0	17.0	18.3	21.5	16.0
Wisconsin	180	113	128	145	104	18.6	20.1	20.3	21.7	20.6
West North Central	26,993	27,938	28,504	30,631	31,312	13.2	11.3	11.7	13.2	15.2
Minnesota	4,030	2,263	1,929	1,763	1,599	14.9	13.4	12.9	11.9	15.0
Iowa	630	388	378	441	428	19.0	16.2	21.4	18.7	19.3
Missouri	*2,083*	*1,704*	*1,403*	*1,568*	*1,511*	*14.8*	*13.2*	*15.3*	*10.0*	*12.7*
North Dakota	8,108	9,605	9,653	10,246	10,367	11.0	11.7	8.0	12.7	13.8
South Dakota	3,603	2,701	1,917	3,037	3,262	10.8	11.8	6.1	14.9	10.6
Nebraska	2,951	2,676	3,077	3,630	3,672	16.8	12.8	13.0	20.3	19.0
Kansas	5,588	8,601	10,147	9,946	10,473	13.5	9.0	14.8	11.2	17.0
East South Central	1,445	609	709	837	544	11.7	13.1	18.1	8.0	8.7
Kentucky	728	230	258	296	115	12.2	14.0	18.5	9.5	8.0
Tennessee	685	367	440	528	422	11.2	12.5	18.0	7.0	8.8
Alabama	27	7	7	7	4	11.3	11.0	13.4	10.6	11.0
Mississippi	5	5	4	6	3	12.6	18.0	17.0	17.0	20.0
West South Central	2,172	4,165	6,046	5,586	6,451	12.6	8.2	17.7	9.2	12.7
Texas	648	819	1,802	1,850	2,016	13.2	8.0	18.2	9.7	11.0
Oklahoma	1,436	3,316	4,214	3,708	4,413	12.0	8.2	17.5	9.0	13.5
Arkansas	88	30	30	28	22	11.8	13.0	13.5	11.5	11.5
Mountain	1,835	5,959	6,839	7,039	7,485	25.2	14.5	15.3	20.6	18.6
Montana	542	3,250	3,570	3,850	4,235	25.9	10.8	12.5	20.8	18.2
Wyoming	67	155	198	226	243	26.7	17.5	18.8	18.5	16.0
Colorado	419	1,268	1,485	1,419	1,339	23.2	11.8	12.7	14.2	13.9
New Mexico	50	80	249	55	186	21.4	6.2	22.7	10.4	11.0
Arizona	25	32	38	58	47	27.9	23.0	25.0	25.0	27.0
Utah	*220*	*233*	*237*	*242*	*257*	*24.0*	*26.2*	*23.2*	*23.5*	*36.7*
Nevada	32	15	17	18	18	28.1	30.4	24.0	25.6	26.8
Idaho	480	926	1,045	1,171	1,160	27.5	28.1	23.6	27.6	24.8
Pacific	3,417	3,639	3,786	4,138	4,078	21.2	19.4	18.9	23.9	21.7
Washington	2,207	2,072	2,107	2,261	2,271	21.9	19.4	19.4	25.8	21.4
Oregon	774	964	1,026	1,065	1,027	21.9	19.6	18.2	25.1	22.7
California	436	603	653	812	780	16.2	19.0	18.4	16.8	21.0

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

Production					Farm value, Dec. 1					Division and State
					Amount			Per bushel, 1928	Per acre, 1928	
1909–1913, average	1925	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)			
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	*Dollars*	
690,108	676,765	831,381	878,374	902,749	996,308	979,813	877,193	97	15.20	U. S.
101	238	160	92	96	263	154	153	159	30.60	New Eng.
75	196	120	72	80	210	126	132	165	33.00	Me.
26	42	40	20	16	53	28	21	131	21.00	Vt.
29,297	29,674	29,740	27,972	23,073	38,545	35,387	30,064	130	20.26	Mid. Atlantic.
6,674	5,998	4,887	6,291	4,702	6,444	7,875	6,428	137	20.34	N. Y.
1,478	1,176	1,320	1,380	1,200	1,742	1,725	1,488	124	24.80	N. J.
21,145	22,500	23,533	20,301	17,171	30,359	25,787	22,148	129	19.99	Pa.
31,320	29,049	36,371	28,425	28,909	48,844	38,135	39,590	137	19.51	S. Atlantic.
1,799	1,887	2,060	1,862	1,836	2,678	2,328	2,295	125	22.50	Del.
9,108	10,395	11,900	9,188	8,745	15,548	11,669	11,106	127	20.95	Md.
9,108	8,946	11,336	8,381	9,758	14,850	11,063	13,173	135	19.57	Va.
2,980	1,809	2,352	1,796	1,586	3,175	2,461	2,173	137	17.81	W. Va.
6,124	4,466	6,303	5,168	5,150	9,013	7,494	7,828	152	17.63	N. C.
784	506	800	880	800	1,240	1,338	1,288	161	20.13	S. C.
1,417	1,040	1,560	1,150	1,034	2,340	1,782	1,727	167	18.37	Ga.
110,209	103,708	136,063	114,073	59,608	168,783	139,237	71,828	121	16.57	E. N. Central.
28,918	24,304	40,384	29,068	9,475	51,286	36,335	12,388	131	14.21	Ohio.
30,255	25,700	34,048	27,749	9,590	42,216	34,406	11,871	124	13.05	Ind.
33,677	36,880	41,034	34,844	24,200	50,061	41,696	27,143	112	17.37	Ill.
14,030	14,557	17,998	19,270	14,202	21,958	23,124	18,164	128	20.48	Mich.
3,329	2,267	2,599	3,142	2,141	3,262	3,676	2,262	106	21.75	Wis.
356,084	314,638	333,224	405,591	476,640	395,978	444,057	431,843	91	13.79	W. N. Central.
59,613	30,269	24,811	20,925	23,955	30,441	22,949	22,948	96	14.35	Minn.
12,000	6,303	8,078	8,236	8,270	9,688	9,623	8,276	100	19.34	Iowa.
31,011	22,515	21,474	15,700	19,194	26,630	19,146	23,188	121	15.35	Mo.
89,313	112,387	77,081	130,191	142,923	90,185	133,745	115,469	81	11.14	N. Dak.
38,608	31,835	11,611	45,386	34,546	13,682	47,990	29,320	85	8.99	S. Dak.
49,555	34,150	40,085	73,826	69,919	46,753	80,352	65,498	94	17.84	Nebr.
75,984	77,388	150,084	111,327	177,833	178,599	130,252	167,144	94	15.96	Kans.
16,965	7,975	12,855	6,684	4,738	17,357	9,186	6,732	142	12.38	E. S. Central.
8,896	3,220	4,773	2,812	920	6,348	3,796	1,276	138	11.04	Ky.
7,705	4,588	7,920	3,696	3,714	10,771	5,137	5,311	143	12.59	Tenn.
304	77	94	74	44	150	115	69	157	17.25	Ala.
60	90	68	102	60	88	138	82	137	27.33	Miss.
27,395	34,133	106,946	51,639	82,005	126,892	62,161	84,279	103	13.06	W. S. Central.
8,944	6,552	32,796	17,945	22,176	39,355	21,713	24,394	110	12.10	Tex.
17,418	27,191	73,745	33,372	59,576	87,019	40,046	59,576	100	13.50	Okla.
1,033	390	405	322	253	518	402	309	122	14.05	Ark.
46,169	36,549	104,400	145,038	139,338	114,115	142,431	120,673	87	16.12	Mountain.
13,593	35,021	44,744	80,208	77,218	50,123	77,089	64,378	83	15.20	Mont.
1,766	2,720	3,714	4,186	4,098	3,974	3,953	3,388	83	13.94	Wyo.
9,595	14,988	18,793	20,112	18,564	26,124	20,818	15,815	85	11.81	Colo.
1,064	492	5,653	570	2,054	6,242	676	2,201	107	11.83	N. Mex.
708	736	950	1,450	1,269	1,235	1,958	1,650	130	35.11	Ariz.
5,302	6,094	5,505	5,678	6,861	5,772	5,792	6,738	98	26.22	Utah.
887	456	408	460	482	472	575	590	122	32.78	Nev.
13,254	26,042	24,633	32,374	28,792	26,173	31,570	25,913	90	22.34	Idaho.
72,568	70,601	71,622	98,860	88,342	85,531	109,065	92,031	104	22.57	Pacific.
48,479	40,251	40,901	58,436	48,644	47,464	62,971	48,620	100	21.41	Wash.
16,945	18,893	18,706	26,782	23,318	22,447	29,996	24,083	103	23.45	Oreg.
7,144	11,457	12,015	13,642	16,380	15,620	16,098	19,328	118	24.78	Calif.

No. 652.—OATS: AREA, PRODUCTION,

Division and State	Acres					Yield per acre				
	1909-1913, average	1925	1926	1927	1928 (preliminary)	1909-1913, average	1925	1926	1927	1928 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	37,357	44,872	44,177	41,941	41,733	30.6	33.2	28.2	28.2	34.7
New England	241	255	256	243	233	37.7	42.1	37.5	37.4	34.2
Maine	132	135	136	124	120	38.5	45.0	38.0	37.0	35.0
New Hampshire	12	12	11	11	10	36.4	39.0	40.0	39.0	39.0
Vermont	76	84	82	83	70	38.1	40.0	38.0	39.0	34.0
Massachusetts	8	9	9	8	7	34.1	38.0	34.0	35.0	32.0
Rhode Island	2	2	3	2	2	28.7	33.0	32.0	32.0	28.0
Connecticut	11	13	15	15	15	31.6	33.0	32.0	32.0	27.0
Middle Atlantic	2,482	2,224	2,178	2,149	2,137	31.0	35.3	33.0	35.5	32.7
New York	1,280	1,017	1,017	1,000	1,020	31.3	36.0	34.0	35.0	33.0
New Jersey	70	50	50	49	50	29.5	30.0	33.0	36.0	30.0
Pennsylvania	1,132	1,157	1,111	1,100	1,067	30.7	35.0	32.0	36.0	32.5
South Atlantic	1,356	1,601	1,662	1,633	1,248	20.8	26.2	24.6	22.4	28.7
Delaware	4	4	4	4	4	30.1	25.0	28.0	29.0	30.0
Maryland	46	55	52	51	54	28.1	32.0	32.8	33.5	31.5
Virginia	103	102	186	186	182	20.9	21.5	26.0	21.5	25.5
West Virginia	110	188	207	217	204	24.2	27.0	28.0	24.2	28.0
North Carolina	220	258	310	273	191	17.9	19.0	22.0	21.0	22.0
South Carolina	338	378	416	449	337	21.5	19.0	25.2	23.0	23.0
Georgia	401	413	475	442	265	20.3	17.0	23.0	21.0	20.0
Florida	44	13	12	11	11	16.4	14.0	16.7	11.0	17.4
East North Central	11,563	13,215	12,836	11,895	13,722	33.5	36.2	31.8	30.2	38.2
Ohio	1,836	2,000	1,980	1,900	2,413	35.2	41.5	38.0	32.0	37.0
Indiana	1,730	2,138	2,050	1,948	2,532	31.2	28.0	30.0	25.0	37.0
Illinois	4,263	4,855	4,661	4,008	4,640	34.1	32.5	26.5	25.5	37.5
Michigan	1,486	1,619	1,570	1,617	1,633	31.6	32.0	33.0	33.5	35.8
Wisconsin	2,242	2,603	2,577	2,422	2,495	33.7	48.5	37.5	38.5	43.5
West North Central	16,807	22,513	21,094	20,333	19,516	28.9	34.1	24.4	27.3	34.5
Minnesota	2,960	4,770	4,532	4,350	4,089	32.8	42.0	28.5	26.8	37.5
Iowa	4,992	6,221	6,218	6,001	6,001	33.8	39.2	31.5	32.0	40.0
Missouri	1,170	1,923	2,173	1,505	1,606	25.9	26.0	20.0	17.0	28.0
North Dakota	2,208	2,354	2,024	2,125	1,934	25.9	27.0	17.0	21.5	31.0
South Dakota	1,558	2,834	1,984	2,550	2,193	24.1	34.0	11.7	20.3	27.0
Nebraska	2,385	2,699	2,537	2,441	2,392	23.6	27.4	20.7	28.6	33.0
Kansas	1,618	1,712	1,626	1,301	1,301	25.6	23.0	21.6	23.5	29.0
East South Central	879	664	663	543	604	20.3	20.3	24.2	18.1	23.2
Kentucky	166	247	259	215	305	22.5	21.0	24.5	19.0	26.0
Tennessee	311	221	276	179	188	21.0	22.0	25.0	17.0	21.5
Alabama	282	131	107	101	70	18.9	17.0	22.0	17.5	17.5
Mississippi	120	85	41	48	41	18.2	19.0	22.0	19.0	20.0
West South Central	1,825	2,522	3,577	3,357	2,491	25.8	17.6	35.6	20.2	25.4
Louisiana	37	30	30	35	44	21.1	21.0	26.6	17.5	24.5
Texas	746	1,091	1,964	2,003	1,402	20.5	12.3	42.6	21.0	25.5
Oklahoma	837	1,140	1,340	1,112	890	23.5	23.0	28.0	19.0	26.0
Arkansas	205	261	243	207	155	23.3	16.0	22.0	20.0	22.0
Mountain	1,366	1,233	1,200	1,148	1,123	42.2	29.5	28.8	38.2	36.1
Montana	425	605	641	596	554	46.1	22.5	26.0	40.0	36.5
Wyoming	180	134	120	120	132	36.3	35.0	35.0	36.0	31.0
Colorado	289	214	195	189	193	38.0	27.0	24.0	29.0	31.0
New Mexico	45	36	54	30	36	34.2	20.0	28.0	22.0	20.0
Arizona	6	12	15	17	14	41.4	30.0	35.0	36.0	38.0
Utah	87	60	54	51	55	45.2	47.0	40.0	42.0	45.0
Nevada	9	2	2	2	2	42.5	40.0	32.0	40.0	40.0
Idaho	325	170	119	143	137	44.5	49.0	40.0	47.0	47.0
Pacific	838	725	689	640	659	40.3	37.2	34.4	37.3	39.0
Washington	282	254	229	183	201	47.8	44.0	43.0	50.0	47.0
Oregon	354	320	304	310	304	37.5	33.0	29.0	34.0	36.0
California	202	151	156	147	154	34.6	34.7	32.5	28.5	34.5

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

Production					Farm value, Dec. 1					Division and State
					Amount					
1909–1913, average	1925	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)	Per bushel, 1928	Per acre, 1928	
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	*Dollars*	
1,143,407	1,487,550	1,246,848	1,182,594	1,449,531	496,582	531,762	592,674	41	14.20	U. S.
9,084	10,740	9,606	9,078	7,961	6,010	6,099	5,554	70	23.84	New Eng.
5,078	6,075	5,168	4,588	4,200	3,256	3,120	2,940	70	24.50	Me.
422	468	440	429	390	286	300	254	65	25.40	N. H.
2,905	3,360	3,116	3,237	2,686	1,870	2,104	1,880	70	23.80	Vt.
280	342	306	280	224	214	196	157	70	22.43	Mass.
57	66	96	64	56	67	48	39	70	19.50	R. I.
342	429	480	480	405	317	331	284	70	18.93	Conn.
76,931	78,607	71,780	76,364	69,838	35,534	41,569	37,350	54	17.48	Mid. Atl.
40,071	36,612	34,578	35,000	33,660	17,289	19,250	18,176	54	17.82	N. Y.
2,082	1,500	1,650	1,764	1,500	825	935	795	53	15.90	N. J.
34,778	40,495	35,552	39,600	34,678	17,420	21,384	18,379	53	17.22	Pa.
28,191	30,351	40,378	36,537	29,618	26,784	25,853	22,366	76	17.92	S. Atl.
120	100	112	116	120	66	79	72	60	18.00	Del.
1,301	1,760	1,706	1,708	1,701	853	922	953	56	17.65	Md.
4,038	4,128	4,836	3,999	4,641	3,047	2,559	2,970	64	16.32	Va.
2,670	5,076	5,796	5,251	5,712	3,420	3,361	3,599	63	17.64	W. Va.
3,935	4,902	6,820	5,733	4,202	4,706	4,128	3,278	78	17.16	N. C.
7,265	7,182	10,483	10,327	7,751	7,024	7,745	6,821	88	20.24	S. C.
8,136	7,021	10,925	9,282	5,300	7,538	6,962	4,505	85	17.00	Ga.
726	182	200	121	191	130	97	168	88	15.27	Fla.
387,565	478,706	408,704	359,121	524,298	153,479	162,977	210,216	40	15.32	E. N. C.
65,233	83,000	75,240	60,800	89,281	29,344	27,360	37,498	42	15.54	Ohio.
54,719	59,864	61,500	48,700	93,684	21,525	20,941	34,663	37	13.69	Ind.
145,117	157,788	123,516	102,204	174,338	43,231	43,948	66,248	38	14.25	Ill.
46,904	51,808	51,810	54,170	58,461	20,724	26,002	25,138	43	15.39	Mich.
75,532	126,246	96,638	93,247	108,532	38,655	43,827	46,669	43	18.71	Wis.
485,175	767,444	513,748	556,007	674,176	186,393	224,360	244,738	36	12.54	W. N. C.
97,204	200,340	129,162	116,580	153,338	43,915	46,632	53,668	35	13.12	Minn.
166,175	243,863	195,867	192,032	240,040	68,553	80,653	88,815	37	14.80	Iowa.
30,135	49,998	43,460	26,605	44,968	18,253	12,504	18,887	42	11.76	Mo.
57,627	63,558	34,408	45,688	50,954	11,355	15,091	17,986	30	9.30	N. Dak.
37,668	96,356	23,213	74,715	59,211	8,357	26,897	19,540	33	8.91	S. Dak.
55,986	73,953	52,516	69,813	78,936	21,006	27,925	29,996	38	12.54	Nebr.
40,290	39,376	35,122	30,574	37,729	15,454	13,758	15,846	42	12.18	Kans.
17,823	13,891	16,502	9,808	14,017	9,354	6,153	8,479	61	14.04	E. S. C.
3,717	5,187	6,346	4,085	7,930	3,363	2,451	4,520	57	14.82	Ky.
6,549	4,862	6,900	3,043	4,042	3,795	1,826	2,425	60	12.90	Tenn.
5,354	2,227	2,354	1,768	1,225	1,601	1,238	919	75	13.13	Ala.
2,203	1,615	902	912	820	595	638	615	75	15.00	Miss.
47,174	44,445	127,330	67,943	63,379	48,366	31,871	31,822	50	12.77	W. S. C.
782	630	708	612	1,078	511	404	701	65	15.93	La.
22,889	13,419	83,666	42,063	35,751	31,793	19,770	18,233	51	13.00	Tex.
18,678	26,220	37,520	21,128	23,140	13,882	9,296	10,876	47	12.22	Okla.
4,825	4,176	5,346	4,140	3,410	2,780	2,401	2,012	59	12.98	Ark.
57,678	36,390	34,567	43,856	40,542	17,501	20,490	18,184	45	16.19	Mountain.
19,533	13,612	16,666	23,840	20,221	8,833	10,490	8,291	41	14.97	Mont.
6,595	4,690	4,200	4,320	4,092	1,890	1,814	1,841	45	13.95	Wyo.
10,966	5,778	4,680	5,481	5,983	2,059	2,631	2,692	45	13.95	Colo.
1,542	720	1,512	660	720	847	370	432	60	12.00	N. Mex.
249	360	525	612	532	394	428	399	75	28.50	Ariz.
3,928	2,820	2,160	2,142	2,475	1,206	1,285	1,386	56	25.20	Utah.
373	80	64	80	80	40	52	52	65	26.00	Nev.
14,492	8,330	4,760	6,721	6,430	2,142	3,360	3,091	48	22.56	Idaho.
33,786	26,976	23,733	23,880	25,704	12,061	13,350	13,965	54	21.19	Pacific.
13,493	11,176	9,847	9,150	9,447	5,219	5,124	5,196	55	26.85	Wash.
13,292	10,560	8,816	10,540	10,944	4,408	5,586	5,581	51	18.36	Oreg.
7,001	5,240	5,070	4,190	5,313	2,434	2,640	3,188	60	20.70	Calif.

No. 653.—BARLEY: AREA, PRODUCTION,

Division and State	Acres					Yield per acre				
	1909-1913, average	1925	1926	1927	1928 (preliminary)	1909-1913, average	1925	1926	1927	1928 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	7,619	7,997	7,970	9,476	12,539	24.3	26.7	23.2	28.1	28.5
New England	17	9	10	10	10	29.1	33.0	30.0	28.2	26.2
Maine	4	3	4	4	4	28.3	35.0	30.0	27.0	28.0
New Hampshire	1	-------	-------	-------	-------	26.2	-------	-------	-------	-------
Vermont	12	6	6	6	6	31.7	32.0	30.0	29.0	25.0
Middle Atlantic	87	173	198	211	200	26.2	28.7	26.2	29.0	27.5
New York	80	157	179	188	169	26.2	29.0	28.3	29.0	27.5
New Jersey	-------	1	1	2	2	-------	27.0	33.0	37.0	30.0
Pennsylvania	7	15	18	21	29	25.4	25.5	27.0	28.0	27.0
South Atlantic	14	38	39	42	59	26.2	27.4	30.0	26.0	26.2
Maryland	4	12	10	9	13	28.4	33.0	34.3	30.5	31.0
Virginia	10	16	14	13	14	26.4	26.0	31.0	26.0	29.0
North Carolina	-------	10	15	20	32	-------	23.0	26.0	24.0	23.0
East North Central	983	932	1,095	1,449	2,102	26.7	33.1	32.3	31.1	31.6
Ohio	25	110	116	155	333	27.3	31.0	32.0	27.0	27.0
Indiana	9	32	23	35	94	26.3	23.0	25.0	23.8	24.0
Illinois	57	250	302	453	680	28.7	33.0	31.0	29.5	29.5
Michigan	90	129	133	186	270	25.1	24.5	28.5	28.5	30.0
Wisconsin	802	461	521	620	725	26.8	36.8	34.5	34.5	37.1
West North Central	4,491	4,539	4,327	5,482	7,711	20.5	24.9	18.0	27.3	27.3
Minnesota	1,488	1,098	1,307	1,460	2,000	23.2	30.0	25.0	30.0	30.0
Iowa	493	175	268	454	808	25.9	31.3	30.5	31.4	33.5
Missouri	6	6	9	7	17	23.8	31.0	24.0	23.0	22.0
North Dakota	1,162	1,732	1,472	1,663	2,179	19.2	22.5	14.3	25.5	25.5
South Dakota	1,007	915	778	1,200	1,644	17.3	26.0	10.1	30.0	21.7
Nebraska	117	233	227	246	430	17.9	24.3	20.7	30.8	32.6
Kansas	218	380	266	452	633	14.8	16.0	11.4	12.6	27.9
East South Central	6	28	47	48	23	23.8	23.6	30.4	20.0	20.4
Kentucky	3	6	7	6	2	25.9	26.0	33.0	27.0	25.0
Tennessee	3	22	40	42	21	25.2	23.0	30.0	19.0	20.0
West South Central	14	242	284	231	179	22.1	10.7	31.9	16.1	21.1
Texas	5	116	174	195	156	24.1	7.2	35.0	16.0	21.0
Oklahoma	9	126	110	36	23	18.4	14.0	27.0	16.5	22.0
Mountain	352	749	744	860	1,051	37.6	26.5	23.4	30.0	29.5
Montana	37	130	150	195	209	33.6	21.0	24.0	33.0	30.5
Wyoming	11	34	42	59	77	31.9	33.0	33.0	34.0	30.0
Colorado	79	410	380	410	547	33.7	21.0	16.0	22.0	24.0
New Mexico	2	5	8	8	12	31.4	17.0	26.0	18.0	19.0
Arizona	35	20	25	20	17	38.3	35.0	35.0	35.0	38.0
Utah	26	18	20	30	34	40.5	43.0	40.0	47.0	49.0
Nevada	12	8	7	9	11	40.0	48.0	40.0	45.0	40.0
Idaho	150	124	112	129	144	40.1	44.0	37.0	44.0	43.0
Pacific	1,655	1,237	1,226	1,143	1,204	29.8	31.4	30.1	28.8	31.1
Washington	177	91	64	58	55	37.8	34.0	34.0	42.0	35.5
Oregon	115	96	82	91	105	33.6	33.0	28.0	35.0	35.0
California	1,363	1,050	1,080	994	1,044	28.3	31.0	30.0	27.5	30.5

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

Production					Farm value, Dec. 1					Division and State
					Amount					
1909-1913, average	1925	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)	Per bushel, 1928	Per acre, 1928	
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	*Dollars*	
184,812	213,863	184,905	265,882	356,868	106,237	180,200	197,128	55	15.72	United States.
526	297	300	282	262	263	267	288	110	28.80	New England.
119	105	120	108	112	110	102	123	110	30.75	Maine.
26	----------	----------	----------	----------	----------	----------	----------	----------	----------	New Hampshire.
381	192	180	174	150	153	165	165	110	27.50	Vermont.
2,280	4,963	5,585	6,114	5,491	4,217	4,911	4,335	79	21.68	Middle Atlantic.
2,093	4,553	5,060	5,452	4,648	3,800	4,362	3,625	78	21.45	New York.
----------	27	33	74	60	28	61	52	86	26.00	New Jersey.
187	383	486	588	783	380	488	658	84	22.69	Pennsylvania.
395	1,042	1,167	1,092	1,545	1,055	1,060	1,571	102	26.63	South Atlantic.
126	306	343	274	403	274	238	343	85	26.38	Maryland.
269	416	434	338	406	391	294	345	85	24.04	Virginia.
----------	230	390	480	736	390	528	883	120	27.59	North Carolina.
26,294	32,521	35,413	45,073	66,505	22,258	33,448	40,632	61	19.33	East North Central.
675	3,410	3,712	4,185	9,191	2,301	3,013	5,515	60	16.56	Ohio.
242	736	575	833	2,256	380	608	1,331	59	14.16	Indiana.
1,633	8,250	9,362	13,364	20,060	5,430	9,756	10,632	53	15.64	Illinois.
2,249	3,160	3,790	5,301	8,100	2,464	4,029	5,670	70	21.00	Michigan.
21,495	16,965	17,974	21,390	26,898	11,683	16,042	17,484	65	24.12	Wisconsin.
92,286	113,106	77,704	149,895	210,360	39,758	91,231	101,912	48	13.22	West North Central.
34,487	32,940	32,675	43,800	60,000	16,664	28,470	30,000	50	15.00	Minnesota.
12,714	5,478	8,174	14,256	27,068	4,577	9,409	14,617	54	18.09	Iowa.
154	186	216	161	374	173	153	299	80	17.59	Missouri.
22,534	38,970	21,050	42,406	55,504	9,683	25,020	23,803	43	10.97	North Dakota.
17,237	23,790	7,858	36,000	35,675	4,086	20,880	17,124	48	10.42	South Dakota.
2,085	5,662	4,690	7,577	14,018	2,725	4,167	7,149	51	16.68	Nebraska.
3,075	6,080	3,032	5,695	17,661	1,850	3,132	8,830	50	13.95	Kansas.
143	662	1,431	960	470	1,351	945	508	108	22.09	East South Central.
78	156	231	162	50	199	147	46	91	23.00	Kentucky.
65	506	1,200	798	420	1,152	798	462	110	22.00	Tennessee.
309	2,590	9,060	3,714	3,782	4,951	2,570	2,720	72	15.20	West South Central.
132	835	6,090	3,120	3,276	3,228	2,184	2,391	73	15.33	Texas.
177	1,704	2,970	594	506	1,723	386	329	65	14.30	Oklahoma.
13,246	19,861	17,373	25,796	30,984	10,686	16,018	18,224	59	17.34	Mountain.
1,244	2,730	3,600	6,435	6,374	2,304	3,861	3,569	56	17.08	Montana.
345	1,122	1,386	2,006	2,310	859	1,224	1,409	61	18.30	Wyoming.
2,663	8,610	6,080	9,020	13,128	3,344	5,051	7,089	54	12.96	Colorado.
72	85	208	144	228	135	101	171	75	14.25	New Mexico.
1,356	700	875	700	646	744	525	517	80	30.41	Arizona.
1,044	774	800	1,410	1,666	576	1,072	1,216	73	35.76	Utah.
480	384	280	405	440	238	324	352	80	32.00	Nevada.
6,042	5,456	4,144	5,676	6,192	2,486	3,860	3,901	63	27.00	Idaho.
49,333	38,812	36,872	32,956	37,469	21,698	29,750	26,938	72	22.37	Pacific.
6,714	3,094	2,176	2,436	1,952	1,414	1,876	1,366	70	24.84	Washington.
3,884	3,108	2,296	3,185	3,675	1,492	2,452	2,646	72	25.20	Oregon.
38,735	32,550	32,400	27,335	31,842	18,792	25,422	22,926	72	21.96	California.

No. 654.—RYE AND RICE: Area, Production,

RYE

Division and State	Acres					Yield per acre				
	1909–1913, average	1925	1926	1927	1928 (preliminary)	1909–1913, average	1925	1926	1927	1928 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	2,167	3,974	3,574	3,648	3,444	16.1	11.7	11.4	15.9	12.1
Massachusetts	4					17.2				
Connecticut	8	1				18.8	19.0			
New York	145	37	25	21	20	17.1	16.5	15.5	17.5	15.7
New Jersey	76	44	41	36	41	17.2	18.0	19.0	20.0	18.5
Pennsylvania	317	113	93	86	103	16.5	17.0	16.0	17.0	15.5
Delaware	1	5	4	3	3	14.5	15.0	15.0	15.0	15.0
Maryland	25	18	15	14	15	14.9	19.0	18.0	15.3	15.0
Virginia	38	36	43	42	46	14.4	12.0	13.5	11.8	13.5
West Virginia	15	10	12	8	7	12.8	13.0	13.0	13.0	13.5
North Carolina	33	80	104	94	89	9.8	11.5	13.0	12.0	11.5
South Carolina	3	7	8	9	7	10.0	10.5	14.0	13.0	11.5
Georgia	13	20	22	26	22	9.5	9.3	12.0	10.0	10.0
Ohio	65	55	50	35	30	16.2	15.0	17.5	16.0	13.3
Indiana	70	145	145	119	86	13.1	11.4	14.5	13.6	11.0
Illinois	58	80	83	62	62	16.9	13.8	15.0	14.5	14.5
Michigan	370	216	173	178	182	14.6	12.5	13.5	14.7	13.0
Wisconsin	343	256	256	238	167	17.0	14.8	15.0	17.0	13.0
Minnesota	207	448	440	383	402	19.3	13.0	13.5	18.3	14.8
Iowa	42	32	31	43	54	18.3	16.4	17.5	15.0	18.0
Missouri	15	22	24	16	19	14.8	12.0	12.9	11.0	12.0
North Dakota	50	1,587	1,222	1,381	1,271	15.2	10.0	7.6	16.7	10.0
South Dakota	29	177	103	154	162	15.4	9.5	6.2	18.0	9.0
Nebraska	76	205	253	274	249	15.2	12.3	10.3	15.0	14.0
Kansas	34	43	41	45	32	13.8	8.9	11.7	12.8	16.2
Kentucky	18	15	18	14	7	12.6	13.0	15.5	11.0	12.4
Tennessee	14	20	32	26	25	11.4	11.0	14.0	8.0	8.2
Alabama	1					11.2				
Texas	3	14	20	14	15	12.9	4.0	10.0	7.0	12.0
Oklahoma	4	33	36	22	26	11.6	12.0	15.5	9.0	12.0
Arkansas	1	1	1	1	1	10.9	11.0	11.0	10.0	9.0
Montana	9	80	107	134	154	23.3	12.5	12.0	18.0	14.0
Wyoming	2	57	51	54	40	20.5	12.0	14.0	12.5	11.0
Colorado	15	85	85	76	74	16.9	10.0	11.5	10.5	11.0
Utah	6	3	4	4	3	17.6	11.0	9.0	10.0	8.0
Idaho	3	3	3	3	3	21.6	20.0	15.5	16.0	16.0
Washington	7	15	18	22	18	20.9	11.0	12.0	16.0	15.5
Oregon	17	10	10	10	8	17.0	14.0	13.0	16.0	15.0
Other States	30	1	1	1	1		4.0	18.0	6.0	12.0

RICE (ROUGH)

United States	716	889	1,034	1,012	965	33.3	37.5	40.4	44.2	43.4
South Carolina	12	5	5			22.7	16.0	17.0		
Georgia	3	3	3			26.9	17.0	20.0		
Florida	1					24.2				
Mississippi	2	1	1			31.8	18.0	18.0		
Louisiana	363	430	501	500	484	32.4	33.3	32.5	40.0	38.0
Texas	261	168	166	174	174	33.8	37.0	37.0	46.2	42.0
Arkansas	71	175	199	175	164	38.5	43.0	53.0	44.0	47.0
California	2	103	149	160	133	34.2	46.6	53.6	56.0	60.7
Other States	1	4	10	3	10		75.0	61.0	25.0	40.0

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

RYE

Production					Farm value, Dec. 1					Division and State
					Amount					
1909–1913, average	1925	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)	Per bushel, 1928	Per acre, 1928	
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	*Dollars*	
36,093	46,456	40,749	58,164	41,766	38,991	49,609	36,067	86	10.47	**United States.**
55	-------	-------	-------	-------	-------	-------	-------	-------	-------	Massachusetts
143	19	-------	-------	-------	-------	-------	-------	-------	-------	Connecticut.
2,289	610	388	368	314	388	386	352	112	17.60	New York.
1,232	792	779	720	758	740	698	788	104	19.22	New Jersey.
4,641	1,921	1,488	1,462	1,596	1,443	1,535	1,708	107	16.58	Pennsylvania.
15	75	60	45	45	66	52	54	120	18.00	Delaware.
415	342	270	214	225	284	235	259	115	17.27	Maryland.
626	432	580	496	621	650	570	745	120	16.20	Virginia.
215	130	156	104	94	172	114	108	115	15.43	West Virginia.
463	920	1,352	1,128	1,024	1,600	1,523	1,485	145	16.69	North Carolina.
30	74	112	117	80	196	205	148	185	21.14	South Carolina.
114	186	264	260	220	422	429	385	175	17.50	Georgia.
1,131	825	875	500	399	770	515	411	103	13.70	Ohio.
1,226	1,653	2,102	1,618	946	1,787	1,424	889	94	10.34	Indiana.
902	1,104	1,245	899	899	1,071	827	827	92	13.34	Illinois.
5,801	2,700	2,336	2,617	2,366	1,822	2,329	2,200	93	12.09	Michigan.
6,135	3,789	3,840	4,046	2,171	3,226	3,641	1,954	90	11.70	Wisconsin.
5,127	5,824	5,940	7,009	5,950	4,514	5,958	5,058	85	12.58	Minnesota.
739	525	542	645	972	444	555	836	86	15.48	Iowa.
252	264	310	176	228	350	194	242	106	12.74	Missouri.
880	15,870	9,287	23,063	12,710	6,780	18,450	9,660	76	7.60	North Dakota.
314	1,682	639	2,772	1,458	466	2,190	1,152	79	7.11	South Dakota.
1,056	2,522	2,606	4,110	3,486	1,981	3,165	2,684	77	10.78	Nebraska.
365	383	480	576	518	451	530	425	82	13.28	Kansas.
296	195	279	154	87	301	185	115	132	16.43	Kentucky.
223	220	448	208	205	538	268	283	138	11.32	Tennessee.
11	-------	-------	-------	-------	-------	-------	-------	-------	-------	Alabama.
21	56	380	98	180	369	93	185	103	12.33	Texas.
49	396	558	198	312	502	196	287	92	11.04	Oklahoma.
11	11	11	10	9	14	14	13	140	13.00	Arkansas.
153	1,000	1,284	2,412	2,156	963	1,761	1,488	69	9.66	Montana.
49	684	714	675	440	478	466	317	72	7.93	Wyoming.
342	850	978	798	814	694	559	570	70	7.70	Colorado.
115	33	36	40	24	29	33	21	87	7.00	Utah.
65	60	46	48	48	34	36	35	72	11.67	Idaho.
150	165	216	352	279	216	317	251	90	13.94	Washington.
300	140	130	160	120	125	152	122	102	15.25	Oregon.
142	4	18	6	12	15	4	10	80	10.00	Other States.

RICE (ROUGH)

23,770	33,309	41,730	44,774	41,881	45,722	41,616	37,077	89	38.42	**United States.**
264	80	85	-------	-------	102	-------	-------	-------	-------	South Carolina.
65	51	60	-------	-------	66	-------	-------	-------	-------	Georgia.
15	-------	-------	-------	-------	-------	-------	-------	-------	-------	Florida.
58	18	-------	-------	-------	22	-------	-------	-------	-------	Mississippi.
11,754	14,319	16,282	20,000	18,302	17,096	17,400	16,553	90	34.20	Louisiana.
8,823	6,216	6,142	8,039	7,308	6,756	6,914	6,431	88	36.06	Texas.
2,692	7,525	10,547	7,700	7,708	10,547	6,930	6,629	86	40.42	Arkansas.
74	4,800	7,986	8,060	8,073	10,462	10,304	7,104	88	53.41	California.
25	300	610	75	400	671	68	360	90	36.00	Other States.

No. 655.—POTATOES: AREA, PRODUCTION,

Division and State	Acres					Yield per acre				
	1909–1913, average	1925	1926	1927	1928 (preliminary)	1909–1913, average	1925	1926	1927	1928 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	3,677	3,074	3,120	3,476	3,825	97	104	114	116	121
New England	222	196	188	225	239	172	214	247	203	195
Maine	126	135	127	161	172	209	250	290	232	220
New Hampshire	17	11	11	12	12	133	145	165	150	138
Vermont	26	19	20	21	21	131	125	155	155	142
Massachusetts	25	14	13	14	15	116	140	155	100	108
Rhode Island	5	2	3	2	2	123	140	150	110	122
Connecticut	23	15	14	15	17	106	135	155	100	130
Middle Atlantic	731	527	496	547	587	91	102	118	117	125
New York	378	270	248	270	284	95	86	117	106	114
New Jersey	86	55	50	57	57	94	106	145	101	160
Pennsylvania	267	202	198	220	246	84	123	112	120	130
South Atlantic	255	343	355	378	449	83	86	96	123	123
Delaware	11	6	6	6	7	89	64	86	110	94
Maryland	40	37	39	43	47	84	73	90	122	115
Virginia	96	130	124	130	151	83	90	94	152	143
West Virginia	45	47	47	52	60	86	87	106	113	125
North Carolina	31	58	67	72	95	75	78	94	102	111
South Carolina	10	25	29	20	36	83	96	111	105	113
Georgia	12	17	19	17	22	79	49	63	77	76
Florida	10	23	24	29	31	89	124	118	105	125
East North Central	1,056	683	695	782	838	95	100	109	89	112
Ohio	192	113	107	116	123	83	106	94	105	98
Indiana	89	50	48	53	61	81	83	80	95	109
Illinois	137	72	61	64	70	73	60	80	84	110
Michigan	350	237	249	289	306	101	103	120	80	117
Wisconsin	*288*	*211*	*230*	*260*	*278*	*108*	*112*	*118*	*92*	*115*
West North Central	800	738	718	777	887	82	78	87	100	111
Minnesota	238	276	298	328	354	107	97	100	101	110
Iowa	168	83	74	75	81	78	63	79	82	135
Missouri	94	76	81	68	85	64	57	80	83	121
North Dakota	50	104	94	113	141	97	72	80	102	105
South Dakota	57	61	55	60	67	76	65	60	115	90
Nebraska	116	84	73	84	105	64	75	73	106	96
Kansas	77	54	43	49	54	56	67	91	110	140
South Central	117	119	123	136	153	75	59	82	85	93
Kentucky	53	46	47	52	57	75	60	96	91	105
Tennessee	39	37	35	39	43	70	56	78	88	95
Alabama	15	25	29	33	38	81	57	70	75	74
Mississippi	10	11	12	12	15	85	67	71	78	89
West South Central	127	123	141	150	179	61	62	64	66	74
Louisiana	22	30	36	41	41	68	60	61	65	70
Texas	47	26	30	35	39	55	53	70	66	69
Oklahoma	31	39	43	45	63	54	72	67	65	80
Arkansas	27	28	32	29	36	70	60	60	68	75
Mountain	*139*	*206*	*249*	*298*	*318*	*129*	*170*	*145*	*168*	*139*
Montana	29	35	35	36	37	151	108	85	135	115
Wyoming	10	12	13	17	21	116	120	112	137	112
Colorado	85	62	82	96	110	101	195	145	150	122
New Mexico	9	2	2	2	2	76	75	83	75	66
Arizona	1	3	4	4	3	95	57	55	80	74
Utah	16	15	17	22	23	165	160	145	135	144
Nevada	8	4	5	6	6	166	170	140	130	140
Idaho	31	73	91	115	116	175	196	178	212	170
Pacific	180	139	155	183	175	139	142	143	151	132
Washington	60	56	67	79	67	150	155	160	170	135
Oregon	49	40	45	52	52	137	104	100	120	120
California	71	43	43	52	56	129	159	161	153	138

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

Production					Farm value, Dec. 1					
					Amount					
1909–1913, average	1925	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)	Per bushel, 1928	Per acre, 1928	Division and State
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	*Dollars*	
357,699	320,915	354,458	402,741	462,043	501,186	388,741	250,043	54	65.37	U. S.
38,198	41,985	46,380	45,662	46,552	64,753	43,547	22,663	49	94.82	New Eng.
26,485	33,750	36,830	37,352	37,840	48,984	31,749	15,136	40	88.00	Me.
2,268	1,595	1,815	1,800	1,656	3,086	2,520	1,325	80	110.42	N. H.
3,422	2,375	3,100	3,255	2,982	4,340	4,069	2,535	85	120.71	Vt.
2,933	1,960	2,015	1,400	1,620	3,627	2,170	1,458	90	97.20	Mass.
614	280	450	220	244	810	341	220	90	110.00	R. I.
2,476	2,025	2,170	1,635	2,210	3,906	2,698	1,989	90	117.00	Conn.
66,557	53,896	58,442	64,197	73,476	95,363	77,550	46,391	63	79.03	Mid. Atl.
36,024	23,220	29,016	28,620	32,376	46,426	35,775	21,044	65	74.10	N. Y.
8,141	5,830	7,250	9,177	9,120	11,238	10,095	4,560	50	80.00	N. J.
22,392	24,846	22,176	26,400	31,980	37,699	31,680	20,787	65	84.50	Pa.
21,216	29,483	34,237	46,347	55,326	56,636	63,714	37,236	67	82.93	S. Atl.
962	384	516	714	658	722	571	494	75	70.57	Del.
3,328	2,701	3,510	5,246	5,405	4,914	5,508	2,702	50	57.49	Md.
7,984	11,700	11,656	19,760	21,593	16,318	25,688	10,796	50	71.50	Va.
3,916	4,089	4,982	5,876	7,500	8,320	7,345	6,000	80	100.00	W. Va.
2,340	4,524	6,325	7,368	10,545	10,120	11,052	6,854	65	72.15	N. C.
813	2,400	3,219	3,034	4,068	5,472	5,765	2,644	65	73.44	S. C.
946	833	1,197	1,304	1,682	2,274	2,152	1,934	115	87.91	Ga.
918	2,852	2,832	3,045	3,875	8,496	5,633	5,812	150	187.48	Fla.
99,847	68,491	75,798	69,631	94,175	100,399	67,476	45,808	49	54.66	E. N. Cen.
16,090	11,978	10,058	12,180	12,054	17,099	14,616	9,040	75	73.50	Ohio.
7,322	4,150	3,840	5,035	6,049	6,336	5,538	4,654	70	76.30	Ind.
9,999	4,320	4,880	5,376	7,700	8,540	6,182	5,005	65	71.50	Ill.
35,289	24,411	29,880	23,120	35,802	35,856	20,808	14,321	40	46.80	Mich.
31,147	23,632	27,140	23,020	31,070	32,568	20,332	12,788	40	46.00	Wis.
95,903	57,704	62,198	77,642	98,635	84,673	54,144	38,726	39	43.66	W. N. Cen.
25,676	26,772	29,800	33,128	38,940	34,270	19,877	11,682	30	33.00	Minn.
13,311	5,220	5,846	6,150	10,935	9,938	6,150	5,577	51	68.85	Iowa.
6,167	4,332	6,480	5,644	10,285	11,016	6,491	6,171	60	72.60	Mo.
4,875	7,488	7,520	11,526	14,805	9,024	5,763	4,442	30	31.50	N. Dak.
4,328	3,965	3,300	6,900	6,630	5,247	3,795	2,412	40	36.00	S. Dak.
7,330	6,300	5,329	8,904	10,080	8,526	6,678	5,040	50	48.00	Nebr.
4,267	3,618	3,913	5,360	7,560	6,652	5,360	3,402	45	63.00	Kans.
8,782	6,994	10,124	11,575	14,212	16,671	16,041	12,450	88	81.37	S. Cen.
4,095	2,760	4,512	4,732	5,985	6,994	6,152	4,788	80	84.00	Ky.
2,722	2,072	2,730	3,432	4,985	4,286	4,633	3,676	90	85.49	Tenn.
1,243	1,425	2,030	2,475	2,812	3,857	3,712	2,390	85	62.89	Ala.
812	737	852	936	1,330	1,534	1,544	1,596	120	106.40	Miss.
7,717	7,666	9,076	9,872	13,301	16,786	16,432	11,501	87	64.25	W. S. Cen.
1,521	1,800	2,196	2,665	2,870	4,172	4,397	2,870	100	70.00	La.
2,604	1,378	2,160	2,310	2,691	4,200	3,812	2,691	100	69.00	Tex.
1,672	2,808	2,860	2,025	5,040	4,862	5,265	3,780	75	60.00	Okla.
1,920	1,680	1,920	1,972	2,700	3,552	2,958	2,160	80	60.00	Ark.
24,376	35,019	36,070	50,189	44,253	42,083	29,541	21,355	48	67.15	Mountain.
4,323	3,780	2,975	4,860	4,255	3,570	3,159	2,340	55	63.24	Mont.
1,164	1,440	1,456	2,329	2,352	1,820	1,630	1,529	65	72.81	Wyo.
8,557	12,690	11,890	14,400	13,420	15,457	7,926	6,039	45	54.90	Colo.
687	150	166	150	132	200	180	125	95	62.50	N. Mex.
95	171	220	320	222	440	352	244	110	81.33	Ariz.
2,745	2,400	2,465	2,970	3,312	2,588	2,228	1,490	45	64.78	Utah.
1,395	680	700	780	840	910	663	714	85	119.00	Nev.
5,410	14,308	16,198	24,380	19,720	17,008	13,409	8,874	45	76.50	Idaho.
25,103	19,677	22,143	27,626	23,013	23,822	20,296	13,913	61	79.50	Pacific.
9,074	8,680	10,720	13,430	9,045	10,184	8,058	4,522	50	67.49	Wash.
6,851	4,160	4,500	6,240	6,240	4,500	4,680	4,368	70	84.00	Oreg.
9,178	6,837	6,923	7,956	7,728	9,138	7,558	5,023	65	89.70	Calif.

No. 656.—SWEET POTATOES AND TOBACCO: AREA

SWEET POTATOES

State	Acres					Yield per acre				
	1909–1913, average	1925	1926	1927	1928 (preliminary)	1909–1913, average	1925	1926	1927	1928 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	619	779	819	933	810	93	80	101	101	96
New Jersey	23	16	17	15	15	130	117	145	126	145
Pennsylvania	1	1	-------	-------	-------	100	115	-------	-------	-------
Delaware	5	8	9	8	7	127	110	130	110	140
Maryland	8	9	11	11	10	121	120	165	144	150
Virginia	36	37	43	43	44	108	108	125	135	144
West Virginia	2	3	3	2	2	103	92	110	110	102
North Carolina	80	80	84	89	80	96	88	90	114	98
South Carolina	49	52	47	53	49	93	55	80	100	86
Georgia	83	110	110	132	119	87	47	86	80	86
Florida	21	29	28	29	28	100	85	100	92	88
Ohio	1	3	3	3	3	106	115	105	133	120
Indiana	1	2	3	2	2	103	108	110	112	116
Illinois	9	12	13	10	10	95	88	110	103	98
Iowa	2	3	3	3	3	97	100	103	90	123
Missouri	7	10	10	12	11	85	95	112	112	105
Kansas	5	3	4	3	2	84	110	120	136	130
Kentucky	10	14	17	16	14	87	90	120	93	89
Tennessee	23	36	50	48	41	85	90	123	98	95
Alabama	67	65	65	78	70	91	70	100	98	93
Mississippi	55	62	55	69	55	91	96	104	112	110
Louisiana	59	72	79	99	74	88	80	90	98	90
Texas	42	84	92	133	100	66	73	93	90	76
Oklahoma	5	20	24	23	20	74	94	105	100	89
Arkansas	20	36	34	38	28	85	85	108	116	90
California	5	9	12	12	12	157	112	97	90	96
Other States	-------	3	3	2	2	-------	133	145	111	130

TOBACCO

	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
United States	1,223	1,757	1,656	1,585	1,912	817	783	784	765	718
Massachusetts	6	8	6	7	8	1,046	1,243	1,448	1,223	1,245
Connecticut	17	30	22	24	25	1,051	1,352	1,340	1,223	1,190
New York	4	2	1	1	1	1,215	1,100	1,100	1,200	1,275
Pennsylvania	43	41	33	34	37	1,311	1,400	1,320	1,360	1,340
Maryland	27	30	31	32	31	707	823	840	818	700
Virginia	185	200	189	177	186	745	647	725	723	600
West Virginia	18	9	10	4	7	741	775	850	775	750
North Carolina	198	547	565	659	730	640	695	684	737	651
South Carolina	30	96	86	104	148	740	740	608	737	556
Georgia	2	67	52	82	122	822	720	770	725	690
Florida	3	7	6	9	12	834	832	968	935	768
Ohio	94	52	44	30	42	866	974	846	819	800
Indiana	22	21	15	8	14	858	871	884	760	820
Wisconsin	40	32	29	31	37	1,190	1,375	1,150	1,070	1,325
Minnesota	-------	-------	-------	-------	1	-------	-------	-------	-------	1,200
Missouri	6	5	5	4	4	877	815	950	1,100	1,100
Kentucky	430	479	426	290	395	813	810	842	697	775
Tennessee	95	130	136	88	112	786	726	781	780	787
Louisiana	3	1	1	1	1	-------	504	400	400	405

Source: Bureau of Agricultural Economics, Department of Agriculture.

Production, and Farm Value, by States

SWEET POTATOES

Production					Farm value, Dec. 1					State
					Amount			Per bushel, 1928	Per acre, 1928	
1909–1913, average	1925	1926	1927	1928 (preliminary)	1926	1927	1928 (prel.)			
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	*Dollars*	
57,355	62,319	82,703	94,112	77,661	78,956	77,615	72,680	94	89.73	U. S.
2,995	1,872	2,465	1,890	2,175	2,958	2,268	2,610	120	174.00	N. J.
109	115	------	------	------	------	------	------	------	------	Pa.
635	880	1,251	880	980	813	616	784	80	112.00	Del.
970	1,161	1,815	1,584	1,500	1,301	1,109	1,200	80	120.00	Md.
3,497	3,996	5,375	5,805	6,336	5,375	4,934	6,019	95	136.80	Va.
207	276	330	220	204	528	308	286	140	143.00	W. Va.
7,702	7,040	7,560	10,146	7,840	7,560	8,117	6,664	85	83.30	N. C.
4,594	2,860	3,760	5,300	4,214	3,760	4,240	3,582	85	73.10	S. C.
7,206	5,170	9,460	10,560	10,234	7,568	7,920	8,699	85	73.10	Ga.
2,323	2,465	2,800	2,668	2,464	3,500	2,268	2,834	115	101.21	Fla.
106	345	315	399	360	472	559	486	135	162.00	Ohio.
103	216	330	224	232	478	302	302	130	151.00	Ind.
851	1,056	1,430	1,030	980	1,930	1,184	1,078	110	107.80	Ill.
193	327	309	270	369	618	405	572	155	190.67	Iowa.
607	950	1,120	1,344	1,155	1,456	1,613	1,213	105	110.27	Mo.
421	348	516	408	260	697	449	286	110	143.00	Kans.
870	1,260	2,040	1,488	1,246	2,203	1,786	1,433	115	102.36	Ky.
1,948	3,240	6,150	4,704	3,895	4,305	3,998	3,700	95	90.24	Tenn.
6,023	4,550	6,500	7,644	6,510	5,525	6,497	5,859	90	83.70	Ala.
5,028	5,952	5,720	7,728	6,050	5,434	6,182	5,445	90	99.00	Miss.
5,237	5,760	7,110	9,702	6,660	6,399	6,791	5,661	85	76.50	La.
2,798	6,132	8,556	11,970	8,284	8,128	8,978	8,284	100	76.00	Tex.
350	1,880	2,520	2,438	1,780	2,520	1,950	1,691	95	84.55	Okla.
1,731	3,060	3,672	4,408	2,520	3,488	3,526	2,268	90	81.00	Ark.
851	1,008	1,164	1,080	1,152	1,280	1,242	1,267	110	105.58	Calif.
------	400	435	222	261	600	373	457	175	228.50	Other States.

TOBACCO

1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents per lb.*	*Dollars*	
996,049	1,376,623	1,297,889	1,211,909	1,373,501	236,702	256,882	254,322	18.5	133.01	U. S.
9,374	10,690	9,412	8,683	9,462	3,294	3,099	3,225	34.1	403.13	Mass.
27,995	40,019	29,346	28,985	29,750	10,447	10,621	11,071	37.2	442.84	Conn.
4,892	2,200	1,320	960	1,020	251	173	197	19.3	197.00	N. Y.
56,333	57,400	43,560	46,240	49,580	4,574	6,011	6,941	14.0	137.59	Pa.
18,800	24,690	26,040	26,176	21,700	6,171	6,020	3,906	18.0	126.00	Md.
137,529	129,400	137,032	127,971	111,600	24,118	22,828	19,180	17.2	103.12	Va.
13,024	6,975	8,500	3,488	5,100	1,114	855	1,173	23.0	167.57	W. Va.
126,204	380,165	386,460	485,683	475,230	102,025	106,850	87,918	18.5	120.44	N. C.
21,727	71,040	56,780	76,648	82,288	13,230	15,713	10,451	12.7	70.61	S. C.
1,306	48,240	39,963	59,088	84,387	9,591	11,440	11,178	13.2	91.62	Ga.
2,854	5,824	5,808	8,228	9,221	2,195	2,865	2,687	20.1	223.92	Fla.
81,948	50,745	37,389	24,652	33,440	3,776	4,531	6,019	18.0	143.31	Ohio.
19,164	18,291	12,995	6,384	11,234	1,261	1,403	2,247	20.0	160.50	Ind.
47,984	44,000	33,350	33,170	49,025	4,602	5,315	8,824	18.0	238.49	Wis.
------	------	------	------	1,200	------	------	144	12.0	144.00	Minn.
5,457	4,075	4,750	4,400	4,400	712	968	968	22.0	242.00	Mo.
349,263	387,990	358,508	202,269	306,000	38,008	43,349	58,550	19.1	148.23	Ky.
69,887	94,380	106,216	68,484	88,459	11,153	14,661	19,461	22.0	173.76	Tenn.
2,308	504	400	400	405	180	180	182	45.0	182.00	La.

No. 657.—TAME HAY: Area, Production, and Farm Value, by States

[Tons are of 2,000 pounds]

Division and State	Acres			Yield per acre			Production			Farm value, Dec. 1, 1928 (preliminary)	
	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)	Amount	Per ton
	Thousands	*Thousands*	*Thousands*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 dollars*	*Dollars*
United States	58,558	60,885	57,775	1.47	1.74	1.61	86,144	106,001	93,031	1,148,283	12.34
New England	3,550	3,501	3,465	1.37	1.37	1.46	4,499	4,779	5,064	70,279	13.88
Maine	1,272	1,247	1,235	1.12	1.22	1.28	1,428	1,526	1,583	18,046	11.40
New Hampshire	469	463	459	1.14	1.27	1.41	534	588	647	9,123	14.10
Vermont	926	922	914	1.58	1.53	1.62	1,461	1,407	1,480	17,168	11.60
Massachusetts	475	466	460	1.25	1.45	1.56	594	674	717	13,695	19.10
Rhode Island	45	44	43	1.29	1.34	1.56	58	59	67	1,474	22.00
Connecticut	363	359	354	1.17	1.46	1.61	424	525	570	10,773	18.90
Middle Atlantic	8,013	8,182	7,768	1.32	1.57	1.49	10,604	12,835	11,537	137,437	11.91
New York	4,847	4,850	4,597	1.32	1.51	1.40	6,393	7,311	6,439	72,761	11.30
New Jersey	250	257	247	1.56	1.70	1.83	391	461	453	6,614	14.60
Pennsylvania	2,916	3,075	2,924	1.31	1.65	1.59	3,820	5,063	4,645	58,062	12.50
East North Central	14,238	15,202	13,754	1.41	1.65	1.42	20,023	25,149	19,518	247,077	12.66
Ohio	2,938	3,139	2,780	1.37	1.64	1.33	4,033	5,152	3,698	43,267	11.70
Indiana	1,941	2,027	1,808	1.28	1.47	1.37	2,477	2,980	2,481	29,772	12.00
Illinois	3,078	3,556	3,064	1.18	1.49	1.32	3,621	5,286	4,045	52,180	12.90
Michigan	2,913	3,036	2,832	1.42	1.56	1.51	4,150	4,745	4,277	49,613	11.60
Wisconsin	3,368	3,444	3,270	1.70	2.03	1.53	5,742	6,986	5,017	72,245	14.40
West North Central	14,546	14,692	13,727	1.31	1.91	1.70	19,033	28,079	23,309	241,363	10.35
Minnesota	2,267	2,454	2,447	1.31	2.07	1.70	2,977	5,080	4,387	48,696	11.10
Iowa	3,112	3,135	2,786	1.22	1.66	1.51	3,805	5,197	4,203	54,639	13.00
Missouri	3,147	3,553	3,299	1.12	1.46	1.27	3,531	5,197	4,183	44,340	10.60
North Dakota	1,331	1,040	1,063	1.03	1.87	1.87	1,365	1,944	1,991	13,340	6.70
South Dakota	1,363	1,105	1,086	1.00	2.06	1.52	1,366	2,271	1,655	13,571	8.20
Nebraska	1,761	1,727	1,550	1.86	2.40	2.16	3,282	4,145	3,351	33,510	10.00
Kansas	1,565	1,678	1,496	1.73	2.53	2.37	2,707	4,245	3,539	33,267	9.40
South Atlantic	3,855	4,576	4,454	1.04	1.17	1.17	3,993	5,349	5,205	80,781	15.52
Delaware	76	80	81	1.47	1.78	1.70	112	142	138	2,263	16.40
Maryland	396	443	430	1.30	1.65	1.75	516	733	754	10,179	13.50
Virginia	979	1,077	1,063	1.01	1.37	1.37	992	1,472	1,451	22,200	15.30
West Virginia	784	831	814	1.32	1.52	1.45	1,036	1,259	1,182	17,375	14.70
North Carolina	759	806	752	.90	.94	.98	681	761	734	12,698	17.30
South Carolina	257	441	434	.77	.80	.87	199	353	376	6,956	18.50
Georgia	522	803	792	.77	.70	.64	400	565	506	7,894	15.60
Florida	82	95	88	.70	.67	.73	57	64	64	1,216	19.00
East South Central	3,481	3,776	3,629	1.23	1.26	1.23	4,273	4,745	4,463	73,284	16.42
Kentucky	1,156	1,318	1,263	1.32	1.42	1.31	1,525	1,871	1,644	27,126	16.50
Tennessee	1,396	1,352	1,310	1.27	1.30	1.36	1,766	1,762	1,780	30,082	16.90
Alabama	523	615	615	.95	.84	.77	499	517	473	7,473	15.80
Mississippi	406	491	451	1.19	1.21	1.25	483	595	566	8,603	15.20
West South Central	2,000	2,116	2,135	1.34	1.29	1.26	2,673	2,736	2,681	36,298	13.54
Arkansas	575	643	625	1.16	1.14	1.09	667	736	683	9,835	14.40
Louisiana	233	278	297	1.18	1.28	1.43	276	356	424	6,106	14.40
Oklahoma	572	566	576	1.54	1.59	1.46	883	901	841	10,681	12.70
Texas	620	629	637	1.37	1.19	1.15	847	749	733	9,676	13.20
Mountain	5,355	5,361	5,378	2.30	2.39	2.23	12,297	12,808	11,969	135,842	11.35
Montana	1,309	1,274	1,294	1.58	2.12	1.98	2,063	2,706	2,558	22,766	8.90
Idaho	1,025	1,014	1,047	2.70	3.11	2.53	2,768	3,151	2,645	29,095	11.00
Wyoming	682	685	681	1.94	1.78	1.80	1,326	1,219	1,224	12,362	10.10
Colorado	1,210	1,225	1,207	2.33	2.17	2.07	2,820	2,658	2,497	29,215	11.70
New Mexico	182	196	186	2.39	2.21	2.19	435	434	407	6,878	16.90
Arizona	176	192	185	3.64	3.50	3.77	641	672	697	12,540	18.00
Utah	562	567	570	3.07	2.60	2.46	1,724	1,474	1,400	16,380	11.70
Nevada	209	208	208	2.40	2.38	2.60	520	494	541	6,600	12.20
Pacific	3,520	3,479	3,465	2.49	2.74	2.68	8,749	9,521	9,285	125,922	13.56
Washington	909	932	906	2.20	2.49	2.36	2,001	2,317	2,140	28,034	13.10
Oregon	912	898	905	1.93	2.28	2.26	1,764	2,048	2,041	23,880	11.70
California	1,699	1,649	1,654	2.93	3.13	3.09	4,984	5,156	5,104	74,008	14.50

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 658.—WILD HAY: Area, Production, and Farm Value, by States

[Tons are of 2,000 pounds]

Division and State	Acres			Yield per acre			Production			Farm value Dec. 1, 1928 (preliminary)	
	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)	1926	1927	1928 (preliminary)	Amount	Per ton
	Thousands	*Thousands*	*Thousands*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 dollars*	*Dollars*
United States	12,911	14,813	13,144	0.74	1.17	0.98	9,568	17,326	12,922	95,076	7.36
New England	69	69	66	.96	1.03	1.20	66	71	79	805	10.19
Maine	13	13	13	.94	.95	1.05	12	12	14	119	8.50
New Hampshire	17	17	16	.90	1.00	1.15	15	17	18	158	8.80
Vermont	13	13	13	1.05	1.10	1.30	14	14	17	136	8.00
Massachusetts	13	13	12	.95	1.00	1.25	12	13	15	194	12.90
Rhode Island	2	2	2	1.00	1.00	1.10	2	2	2	29	14.40
Connecticut	11	11	10	1.00	1.20	1.30	11	13	13	169	13.00
Middle Atlantic	104	100	99	1.21	1.26	1.23	126	126	122	1,091	8.94
New York	68	68	68	1.12	1.14	1.09	76	78	74	555	7.50
New Jersey	16	17	16	1.55	1.50	1.65	25	26	26	312	12.00
Pennsylvania	20	15	15	1.25	1.45	1.45	25	22	22	224	10.20
East North Central	329	307	313	1.26	1.41	1.30	416	434	406	3,659	9.01
Ohio	5	5	7	1.22	1.45	1.13	6	7	8	72	9.00
Indiana	21	21	20	1.15	1.25	1.15	24	26	23	207	9.00
Illinois	37	34	41	1.10	1.40	1.12	41	48	46	469	10.20
Michigan	38	42	38	1.17	1.33	1.31	44	56	50	400	8.00
Wisconsin	228	205	207	1.32	1.45	1.35	301	297	279	2,511	9.00
West North Central	9,301	10,668	9,342	.63	1.19	.95	5,889	12,657	8,893	58,025	6.52
Minnesota	1,865	1,884	1,800	.80	1.50	1.20	1,492	2,826	2,171	13,894	6.40
Iowa	300	281	270	.84	1.27	1.16	252	357	313	3,130	10.00
Missouri	130	130	143	.90	1.35	1.10	117	176	157	1,020	6.50
North Dakota	1,259	1,360	1,210	.65	1.25	1.12	818	1,700	1,355	7,317	5.40
South Dakota	2,315	3,010	2,107	.40	1.10	.60	926	3,311	1,264	8,216	6.50
Nebraska	2,530	3,056	2,903	.65	1.00	.87	1,644	3,056	2,526	18,692	7.40
Kansas	902	947	900	.71	1.30	1.23	640	1,231	1,107	5,756	5.20
South Atlantic	130	122	119	.95	1.11	1.13	123	135	134	1,652	12.33
Delaware	4	3	2	1.50	1.00	1.60	6	5	3	18	6.00
Maryland	4	3	3	1.21	1.40	1.68	5	4	5	60	12.00
Virginia	26	23	21	1.00	1.25	1.33	26	29	28	322	11.50
West Virginia	13	12	12	1.10	1.50	1.33	14	18	16	160	10.00
North Carolina	58	52	52	.90	1.10	1.15	52	57	60	804	13.40
South Carolina	3	3	6	.65	.68	.60	2	2	4	60	14.90
Georgia	18	22	19	.80	.78	.80	14	17	15	183	12.20
Florida	4	4	4	.95	.75	.85	4	3	3	45	15.00
East South Central	136	139	165	1.04	1.13	1.16	142	157	192	2,288	11.92
Kentucky	23	32	58	1.25	1.40	1.40	29	45	81	940	11.60
Tennessee	56	50	50	1.10	1.20	1.20	62	60	60	726	12.10
Alabama	22	22	22	.84	.75	.75	18	16	16	230	14.40
Mississippi	35	35	35	.95	1.02	1.00	33	36	35	392	11.20
West South Central	931	948	860	.93	.99	.97	869	937	836	6,898	8.25
Arkansas	133	146	131	1.00	1.00	.85	133	146	111	1,099	9.90
Louisiana	18	18	18	1.10	1.00	1.38	20	18	25	248	9.90
Oklahoma	549	565	492	.80	.98	1.00	439	554	492	3,346	6.80
Texas	231	219	219	1.20	1.00	.95	277	219	208	2,205	10.60
Mountain	1,496	2,048	1,764	.98	1.12	.99	1,460	2,287	1,752	16,162	9.22
Montana	393	865	606	.80	1.15	.90	314	995	545	4,360	8.00
Idaho	101	101	101	1.20	1.60	1.20	121	162	121	1,028	8.50
Wyoming	372	409	401	1.00	1.10	1.05	372	450	421	4,126	9.80
Colorado	360	396	376	1.00	1.00	.90	360	396	338	3,481	10.30
New Mexico	30	30	33	1.10	1.00	.90	33	30	30	390	13.00
Arizona	5	10	10	1.20	1.00	.50	6	10	5	68	13.50
Utah	75	77	77	1.25	1.30	1.30	94	100	100	1,000	10.00
Nevada	160	160	160	1.00	.90	1.20	160	144	192	1,709	8.90
Pacific	415	412	416	1.15	1.27	1.22	477	522	508	4,496	8.85
Washington	30	30	31	1.40	1.75	1.50	42	52	46	400	8.70
Oregon	235	235	235	1.15	1.25	1.20	270	294	282	2,566	9.10
California	150	147	150	1.10	1.20	1.20	165	176	180	1,530	8.50

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 659.—ACREAGE, PRODUCTION, AND VALUE OF PRINCIPAL CROPS: ESTIMATES OF THE DEPARTMENT OF AGRICULTURE

NOTE.—Tons are of 2,000 pounds. For weights of the units of measurement for principal products, see Appendix, p. 850. Figures for 1928 are preliminary

Yearly average or year	Area	Production	Value [1]	Yield per acre	Unit price [1]	Area	Production	Value [1]	Yield per acre	Unit price [1]
	Corn					Wheat				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*
1866-1875	37,216	969,948	454,535	26.1	46.9	20,470	244,672	257,587	12.0	105.3
1876-1885	61,671	1,564,992	617,780	25.4	39.5	34,433	425,054	391,104	12.3	92.0
1886-1895	74,274	1,769,616	648,785	23.8	36.7	37,500	476,788	321,071	12.7	67.3
1896-1900	90,589	2,373,786	669,420	26.2	28.1	48,989	633,074	415,922	12.9	65.7
1901-1905	93,545	2,366,483	1,043,140	25.3	45.3	50,194	700,220	501,277	14.0	71.6
1906-1910	97,327	2,682,288	1,366,051	27.6	51.3	45,766	674,993	579,535	14.7	85.9
1911-1915	105,672	2,754,164	1,644,511	26.0	60.3	51,910	806,361	705,890	15.5	87.5
1916-1920	105,072	2,830,942	3,109,625	27.0	111.0	58,685	799,083	1,491,445	13.6	186.6
1921-1925	102,615	2,850,733	1,931,630	27.8	67.8	58,115	804,218	889,140	13.8	110.6
1911	105,825	2,531,488	1,565,258	23.9	61.8	49,543	621,338	543,063	12.5	87.4
1912	107,083	3,124,746	1,520,454	29.2	48.7	45,814	730,267	555,280	15.9	76.0
1913	105,820	2,446,988	1,692,092	23.1	69.1	50,184	763,380	610,122	15.2	79.9
1914	103,435	2,672,804	1,722,070	25.8	64.4	53,541	891,017	878,680	16.6	98.6
1915	106,197	2,994,793	1,722,680	28.2	57.5	60,469	1,025,801	942,303	17.0	91.9
1916	105,296	2,566,927	2,280,729	24.4	88.9	52,316	636,318	1,019,968	12.2	160.3
1917	116,730	3,065,233	3,920,228	26.3	127.9	45,089	636,655	1,278,112	14.1	200.8
1918	104,467	2,502,665	3,416,240	24.0	136.5	59,181	921,438	1,881,826	15.6	204.2
1919	97,170	2,811,302	3,780,597	28.9	134.5	75,694	967,979	2,080,056	12.8	214.9
1920	101,699	3,208,584	2,150,332	31.5	67.0	61,143	833,027	1,107,263	13.6	143.7
1921	103,740	3,068,569	1,297,213	29.6	42.3	63,996	814,905	754,834	12.8	92.6
1922	102,846	2,906,020	1,910,775	28.3	65.8	62,317	867,598	873,412	13.9	100.7
1923	104,324	3,053,557	2,217,229	29.3	72.6	59,659	707,394	736,006	13.4	92.3
1924	100,863	2,309,414	2,266,771	22.9	98.2	52,535	864,428	1,123,086	16.5	129.9
1925	101,302	2,916,106	1,966,162	28.8	67.4	52,367	676,765	958,364	12.9	141.6
1926	99,615	2,691,531	1,728,970	27.0	64.2	56,359	831,381	996,308	14.8	119.8
1927	98,393	2,763,093	1,997,759	28.1	72.3	58,784	878,374	979,813	14.9	111.5
1928	100,761	2,830,959	2,132,991	28.2	75.1	57,724	902,749	877,193	15.6	97.2
	Oats					Rye				
1866-1875	9,680	272,993	102,423	28.2	37.5	1,347	18,267	14,559	13.6	79.7
1876-1885	17,143	469,856	152,594	27.4	32.5	1,802	24,625	15,540	13.0	63.7
1886-1895	27,482	717,143	207,266	26.1	29.4	2,188	27,975	15,278	12.8	54.4
1896-1900	29,319	849,004	195,462	28.9	22.8	2,074	31,272	14,142	15.1	45.2
1901-1905	30,953	951,752	308,350	30.7	32.8	2,077	33,064	19,091	15.9	57.8
1906-1910	34,741	988,734	385,820	28.4	39.7	2,182	35,617	24,723	16.3	69.5
1911-1915	38,703	1,230,499	473,133	31.7	39.2	2,494	41,399	31,903	16.5	76.6
1916-1920	42,456	1,412,602	865,991	33.2	61.3	4,927	67,762	96,485	13.9	139.9
1921-1925	42,850	1,318,021	525,747	30.8	39.9	4,900	68,018	52,182	13.9	76.7
1911	37,763	922,298	414,663	24.4	45.0	2,127	33,119	27,557	15.6	83.2
1912	37,917	1,418,337	452,469	37.4	31.9	2,117	35,664	23,636	16.8	66.3
1913	38,399	1,121,768	439,596	29.2	39.2	2,557	41,381	26,220	16.2	63.4
1914	38,442	1,141,060	499,431	29.7	43.8	2,541	42,779	37,018	16.8	86.5
1915	40,996	1,549,030	559,506	37.8	36.1	3,129	54,050	45,083	17.3	83.4
1916	41,527	1,251,837	655,928	30.1	52.4	3,213	48,862	59,676	15.2	122.1
1917	43,553	1,592,740	1,061,474	36.6	66.6	4,317	62,933	104,447	14.6	166.0
1918	44,349	1,538,124	1,090,322	34.7	70.9	6,391	91,041	138,038	14.2	151.6
1919	40,359	1,184,030	833,922	29.3	70.4	6,307	75,483	100,573	12.0	133.2
1920	42,491	1,496,281	688,311	35.2	46.0	4,409	60,490	76,693	13.7	126.8
1921	45,495	1,078,341	325,954	23.7	30.2	4,528	61,675	43,014	13.6	69.7
1922	40,790	1,215,803	478,948	29.8	39.4	6,672	103,362	70,841	15.5	68.5
1923	40,981	1,305,883	541,137	31.9	41.4	5,171	63,077	40,971	12.2	65.0
1924	42,110	1,502,529	717,189	35.7	47.7	4,156	65,520	69,742	15.8	106.4
1925	44,872	1,487,550	565,506	33.2	38.0	3,974	46,456	36,340	11.7	78.2
1926	44,177	1,246,848	496,582	28.2	39.8	3,574	40,749	33,991	11.4	83.4
1927	41,941	1,182,594	531,762	28.2	45.0	3,648	58,164	49,609	15.9	85.3
1928	41,733	1,449,531	592,674	34.7	40.9	3,444	41,766	36,067	12.1	86.4

[1] Farm values as of Dec. 1.

No. 659.—ACREAGE, PRODUCTION, AND VALUE OF PRINCIPAL CROPS: ESTIMATES OF THE DEPARTMENT OF AGRICULTURE—Continued

Yearly average or year	Area	Production	Value[1]	Yield per acre	Unit price[1]	Area	Production	Value[1]	Yield per acre	Unit price[1]
	Barley					Buckwheat				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*
1866-1875	1,196	26,992	21,382	22.6	79.2	730	13,369	9,735	18.3	72.8
1876-1885	2,102	47,029	28,688	22.4	61.8	799	11,616	7,510	14.7	66.2
1886-1895	3,490	79,646	37,464	22.8	48.3	879	12,854	7,031	14.7	55.0
1896-1900	4,315	102,951	37,847	23.9	36.7	821	14,367	6,720	17.5	47.6
1901-1905	5,520	150,063	64,820	27.2	43.4	859	15,670	9,343	18.2	59.6
1906-1910	7,281	181,788	99,631	25.1	55.1	759	16,543	23,313	19.3	68.3
1911-1915	7,474	197,211	114,389	26.5	59.4	808	16,514	12,127	20.4	73.9
1916-1920	8,150	197,447	189,902	24.1	97.1	836	14,426	20,963	17.4	142.7
1921-1925	7,498	186,029	105,566	24.8	56.7	735	14,017	12,718	19.1	90.7
1911	7,627	160,240	139,182	21.0	86.9	833	17,549	12,735	21.1	72.6
1912	7,530	223,824	112,957	29.7	50.5	841	19,249	12,720	22.9	66.1
1913	7,499	178,189	95,731	23.8	53.7	805	13,833	10,445	17.2	75.5
1914	7,565	194,053	105,903	25.8	54.3	792	16,881	12,892	21.3	76.4
1915	7,148	228,851	118,172	32.0	51.6	769	15,056	11,843	19.6	78.7
1916	7,757	182,309	160,046	23.5	88.1	828	11,662	13,147	14.1	112.7
1917	8,933	211,759	240,758	23.7	113.7	924	16,022	25,631	17.3	160.0
1918	9,740	256,225	234,942	26.3	91.7	1,027	16,905	28,142	16.5	166.5
1919	6,720	147,608	178,080	22.0	120.6	700	14,399	21,032	20.6	146.1
1920	7,600	189,332	135,083	24.9	71.3	701	13,142	16,863	18.7	128.3
1921	7,414	154,946	64,934	20.9	41.9	680	14,207	11,540	20.9	81.2
1922	7,317	182,068	95,560	24.9	52.5	764	14,564	12,889	19.1	88.5
1923	7,835	197,691	107,038	25.2	54.1	739	13,965	13,029	18.9	93.3
1924	6,925	181,575	134,590	26.2	74.1	745	13,357	13,708	17.9	102.6
1925	7,997	213,863	125,709	26.7	58.8	747	13,994	12,423	18.7	88.8
1926	7,970	184,905	106,237	23.2	57.5	694	12,676	11,183	18.3	88.2
1927	9,476	265,882	180,200	28.1	67.8	810	15,755	13,155	19.5	83.5
1928	12,539	356,868	197,128	28.5	55.2	750	13,163	11,525	17.6	87.6
	Rice (rough)					Flaxseed				
1906-1910	638	20,720	16,598	32.4	80.9	2,520	21,930	28,151	8.7	140.0
1911-1915	749	25,266	22,370	33.8	88.4	2,186	18,615	26,120	8.5	143.3
1916-1920	1,073	41,645	70,250	39.1	171.2	1,726	10,972	31,807	6.4	300.1
1921-1925	922	35,708	41,551	38.7	116.4	2,156	17,887	38,410	8.3	214.7
1911	696	22,934	18,274	32.9	79.7	2,757	19,370	35,272	7.0	182.1
1912	723	25,054	23,423	34.7	93.5	2,851	28,073	32,202	9.8	114.7
1913	827	25,744	22,090	31.1	85.8	2,291	17,853	21,399	7.8	119.9
1914	694	23,649	21,849	34.1	92.4	1,645	13,749	17,318	8.4	126.0
1915	803	28,947	26,212	36.1	90.6	1,387	14,030	24,410	10.1	174.0
1916	869	40,861	36,311	47.0	88.9	1,474	14,296	35,541	9.7	248.6
1917	981	34,739	65,879	35.4	189.6	1,984	9,164	27,182	4.6	296.6
1918	1,119	38,606	74,042	34.5	191.8	1,910	13,369	45,470	7.0	340.1
1919	1,063	41,985	111,913	39.5	266.6	1,503	7,178	31,475	4.8	438.5
1920	1,336	52,066	62,036	39.0	119.1	1,757	10,752	18,999	6.1	176.7
1921	921	37,612	35,802	40.8	95.2	1,108	8,029	11,648	7.2	145.1
1922	1,055	41,405	38,562	39.2	93.1	1,113	10,375	21,941	9.3	211.5
1923	895	33,717	37,150	37.7	110.2	2,014	17,060	35,951	8.5	210.7
1924	850	32,408	45,009	38.2	138.5	3,469	31,547	71,728	9.1	227.4
1925	880	33,309	51,232	37.5	153.8	3,078	22,424	50,783	7.3	226.5
1926	1,034	41,730	45,722	40.4	109.6	2,907	19,335	37,510	6.7	194.0
1927	1,012	44,774	41,616	44.2	92.9	2,837	25,847	48,079	9.1	186.0
1928	965	41,881	37,077	43.4	88.5	2,721	19,321	38,857	7.1	201.1

[1] Farm values as of Dec. 1.

No. 659.—Acreage, Production, and Value of Principal Crops: Estimates of the Department of Agriculture—Continued

Yearly average or year	Potatoes					Sweet potatoes				
	Area	Production	Value[1]	Yield per acre	Unit price[1]	Area	Production	Value[1]	Yield per acre	Unit price[1]
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*
1866-1875	1,261	167,266	62,754	93.0	53.5	-------	-------	-------	-------	-------
1876-1885	1,998	162,228	82,085	81.2	50.6	-------	-------	-------	-------	-------
1886-1895	2,653	197,285	92,008	74.4	47.1	-------	-------	-------	-------	-------
1896-1900	2,911	237,916	96,250	81.6	41.3	-------	-------	-------	-------	-------
1901-1905	3,104	277,150	155,388	89.1	58.0	545	47,730	27,943	87.5	58.5
1906-1910	3,502	340,045	196,904	97.1	58.3	660	54,563	36,457	90.9	66.8
1911-1915	3,689	362,910	219,137	98.3	61.9	629	60,257	42,526	95.4	71.2
1916-1920	3,889	373,417	486,053	95.7	132.4	913	88,750	104,054	96.9	115.7
1921-1925	3,690	394,327	369,705	106.9	93.8	929	84,291	84,152	90.8	99.8
1912	3,711	420,047	212,550	113.4	50.5	583	55,479	40,264	95.2	72.6
1913	3,668	331,825	227,903	90.4	68.7	625	59,057	42,884	94.5	72.6
1914	3,711	409,921	199,460	110.5	48.7	603	56,574	41,294	93.8	73.0
1915	3,734	359,721	221,992	96.3	61.7	731	75,639	46,980	103.5	62.1
1916	3,565	286,953	419,333	80.5	146.1	774	70,955	60,141	91.7	84.8
1917	4,384	442,108	542,774	100.8	122.8	919	83,822	92,916	91.2	110.8
1918	4,295	411,860	491,527	95.9	119.3	940	87,924	118,863	93.5	135.2
1919	3,542	322,867	514,855	91.2	159.5	941	97,120	130,514	103.2	134.4
1920	3,657	403,296	461,778	110.3	114.5	992	103,925	117,834	104.8	113.4
1921	3,941	361,659	398,362	91.8	110.1	1,066	98,654	86,894	92.5	88.1
1922	4,307	453,306	263,355	105.3	58.1	1,117	109,304	84,295	97.9	77.1
1923	3,816	416,105	324,880	109.0	78.1	993	97,177	95,091	97.9	97.9
1924	3,310	419,560	262,097	126.8	62.5	688	53,912	69,444	78.4	128.8
1925	3,074	320,915	600,120	104.4	187.0	779	62,319	85,034	80.0	136.4
1926	3,120	354,458	501,186	113.6	141.4	819	82,703	78,956	101.0	95.5
1927	3,476	402,741	388,741	115.9	96.5	933	94,112	77,615	100.9	82.5
1928	3,825	462,943	250,043	121.0	54.0	810	77,661	72,680	95.9	93.6

Yearly average or year	Cotton					Cottonseed (census statistics)[2]				
	1,000 acres	*1,000 bales*[3]	*1,000 dollars*	*Lbs.*	*Cents per pound*		*1,000 short tons*	*1,000 dollars*		*Dolls. per ton*[4]
1866-1875	8,810	3,250	-------	176.2	-------	-------	-------	-------	-------	-------
1876-1885	15,209	5,652	243,808	170.7	9.1	-------	2,607	-------	-------	-------
1886-1895	19,421	7,637	260,415	176.9	7.7	-------	3,645	-------	-------	-------
1896-1900	24,364	10,018	337,592	193.3	7.1	-------	4,859	-------	-------	-------
1901-1905	27,865	10,801	485,560	184.8	9.0	-------	5,185	82,556	-------	[5]15.68
1906-1910	31,304	11,847	660,788	180.3	11.3	-------	5,281	103,728	-------	20.10
1911-1915	35,132	14,176	709,629	192.0	10.2	-------	6,317	135,066	-------	22.04
1916-1920	34,856	11,931	1,464,088	163.2	24.9	-------	5,312	283,014	-------	54.40
1921-1925	37,616	11,518	1,276,329	146.4	22.2	-------	5,114	174,318	-------	34.34
1912	34,283	13,703	817,055	190.9	11.9	-------	6,104	117,330	-------	19.20
1913	37,089	14,156	862,708	182.0	12.2	-------	6,305	141,350	-------	22.40
1914	36,832	16,135	549,036	209.2	6.8	-------	7,186	128,950	-------	17.90
1915	31,412	11,192	631,400	170.3	11.3	-------	4,992	167,900	-------	33.60
1916	34,985	11,450	1,122,295	156.6	19.6	-------	5,113	259,070	-------	50.50
1917	33,841	11,302	1,566,198	159.7	27.7	-------	5,040	333,550	-------	66.08
1918	36,008	12,041	1,663,633	159.6	27.6	-------	5,360	349,490	-------	65.32
1919	33,566	11,421	2,034,658	161.5	35.6	-------	5,074	340,470	-------	67.18
1920	35,878	13,440	933,658	178.4	13.9	-------	5,971	136,990	-------	22.92
1921	30,509	7,954	643,933	124.5	16.2	-------	3,531	104,560	-------	29.72
1922	33,036	9,762	1,160,968	141.2	23.8	-------	4,336	150,400	-------	34.70
1923	37,123	10,140	1,571,820	130.6	31.0	-------	4,502	190,050	-------	42.22
1924	41,360	13,628	1,540,884	157.4	22.6	-------	6,051	206,220	-------	34.16
1925	46,053	16,164	1,464,032	167.2	18.2	-------	7,150	220,360	-------	30.88
1926	47,087	17,977	982,736	182.6	10.9	-------	7,989	172,120	-------	21.63
1927	40,138	12,956	1,269,885	154.5	19.6	-------	5,759	206,960	-------	35.93
1928	45,341	14,478	1,301,796	152.9	18.0	-------	6,390	-------	-------	-------

[1] Farm value as of Dec. 1. [2] Value based on yearly average price; statistics for 1928 are not available.
[3] Production, excluding linters, in bales of 500 pounds gross (Census). [4] Yearly average farm price.
[5] Four-year average.

No. 659.—ACREAGE, PRODUCTION, AND VALUE OF PRINCIPAL CROPS: ESTIMATES OF THE DEPARTMENT OF AGRICULTURE—Continued

Yearly average or year	Area	Production	Value[1]	Yield per acre	Unit price[1]	Area	Production	Value[1]	Yield per acre	Unit price[1]
	Beans, dry, edible					Peanuts (for nuts)				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Dollars per bushel*	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.*
1916–1920	1,314	13,317	66,903	10.4	4.82	1,413	1,043,292	67,475	845.6	6.5
1921–1925	1,279	14,692	50,910	11.5	3.47	1,052	710,743	33,255	675.6	4.7
1916	1,107	10,715	54,086	9.7	5.10	1,043	919,028	41,243	881.1	4.5
1917	1,821	16,045	104,350	8.8	6.50	1,842	1,432,581	98,512	777.7	6.9
1918	1,744	17,397	91,863	10.0	5.28	1,865	1,240,102	80,271	664.9	6.5
1919	1,065	13,399	57,046	12.6	4.26	1,132	783,273	73,094	691.9	9.3
1920	852	9,225	27,282	10.8	2.96	1,181	841,474	44,256	712.5	5.3
1921	782	9,185	24,515	11.7	2.67	1,214	829,307	33,097	683.1	4.0
1922	1,086	12,877	48,133	11.9	3.74	1,005	633,114	29,613	630.0	4.7
1923	1,344	16,308	59,782	12.1	3.67	896	647,762	43,918	722.9	6.8
1924	1,576	15,164	56,744	9.6	3.74	1,187	745,059	34,259	627.7	4.6
1925	1,606	19,928	65,376	12.4	3.28	958	698,475	25,390	729.1	3.6
1926	1,677	17,707	51,876	10.6	2.93	843	631,825	28,161	749.5	4.5
1927	1,571	16,181	46,612	10.3	2.88	1,142	864,549	35,016	757.0	4.0
1928	1,577	16,598	69,294	10.5	4.17	1,180	809,060	37,548	685.6	4.6
	Grain sorghums (kafirs, milo maize, feterita, etc.)[6]					Broomcorn				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 short tons*	*1,000 dollars*	*Lbs.*	*Dolls. per ton*
1916–1920	[7] 6,618	[7] 166,298	[7] 182,977	[7] 25.1	[7] 110.0	315	50	10,185	314.2	196.02
1921–1925	6,311	117,073	86,873	18.6	74.2	337	53	7,121	313.7	134.87
1916	3,944	53,858	57,027	13.7	105.9	235	39	6,690	329.3	172.75
1917	5,153	61,409	99,433	11.9	161.9	345	57	16,804	332.8	292.75
1918	6,036	73,241	109,881	12.1	150.0	366	62	14,570	340.4	233.87
1919	6,441	157,805	202,094	24.5	128.1	352	53	8,254	303.4	154.57
1920	6,794	174,790	163,860	25.7	93.7	276	36	4,605	265.0	126.16
1921	6,385	147,609	57,576	23.1	39.0	222	38	2,758	344.2	72.20
1922	5,778	98,158	86,517	17.0	88.1	275	37	8,186	271.3	219.46
1923	6,661	116,109	110,258	17.4	95.0	536	81	12,989	302.8	160.06
1924	6,089	117,057	99,765	19.2	85.2	436	78	7,454	356.9	95.81
1925	6,640	106,434	80,251	16.0	75.4	214	30	4,219	275.7	143.02
1926	6,690	137,515	74,065	20.6	53.9	306	54	4,285	355.6	78.77
1927	6,723	137,358	84,614	20.4	61.6	230	39	4,212	335.6	109.12
1928	6,407	142,533	88,471	21.9	62.1	252	46	4,850	361.2	106.59
	Clover seed (red and alsike)					Hops				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Dollars per bushel*	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.*
1916–1920	921	1,564	24,280	1.7	16.10	30	32,143	10,326	1,076	35.6
1921–1925	890	1,342	15,471	1.5	11.53	22	26,616	4,456	1,232	16.7
1916	939	1,706	15,661	1.8	9.18	44	50,595	6,073	1,152	12.0
1917	821	1,488	19,107	1.8	12.84	30	29,388	9,795	983	33.3
1918	820	1,197	23,705	1.5	19.80	26	21,481	4,150	829	19.3
1919	942	1,484	39,700	1.6	26.75	21	24,970	19,376	1,189	77.6
1920	1,082	1,944	23,227	1.8	11.95	28	34,280	12,236	1,224	35.7
1921	889	1,538	16,529	1.7	10.75	27	29,340	7,080	1,087	24.1
1922	1,170	1,955	18,332	1.7	9.38	23	27,744	2,383	1,186	8.6
1923	775	1,228	13,218	1.6	10.76	18	19,751	3,722	1,071	18.8
1924	809	927	13,455	1.2	14.51	20	27,670	2,863	1,360	10.3
1925	807	1,062	15,819	1.3	14.90	20	28,573	6,232	1,404	21.8
1926	530	728	12,895	1.4	17.71	21	31,522	7,296	1,516	23.1
1927	1,214	1,727	26,299	1.4	15.22	25	30,658	7,024	1,246	22.9
1928	713	1,106	18,038	1.6	16.31	26	32,742	6,328	1,254	19.3

[1] Farm values as of Dec. 1.
[6] Grain sorghums for grain, 1916–1918; for all purposes thereafter.
[7] Average for 1919 and 1920.

No. 659.—Acreage, Production, and Value of Principal Crops: Estimates of the Department of Agriculture—Continued

Yearly average or year	Area	Production	Value [1]	Yield per acre	Unit price [1]	Area	Production	Value [1]	Yield per acre	Unit price [1]
	Hay (tame)					Tobacco				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dollars per ton*	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.*
1866–1875	20,418	24,929	286,821	1.22	11.51	-------	-------	-------	-------	-------
1876–1885	31,124	38,723	352,577	1.24	9.11	-------	-------	-------	-------	-------
1886–1895	40,127	47,401	420,673	1.18	8.87	-------	-------	-------	-------	-------
1896–1900	42,126	58,142	453,405	1.38	7.86	-------	-------	-------	-------	-------
1901–1905	43,813	66,287	606,797	1.51	9.19	938	750,049	55,653	800	7.5
1906–1910	50,048	72,161	777,730	1.44	10.81	1,031	851,433	84,458	826	10.0
1911–1915	49,395	69,543	826,282	1.41	12.05	1,210	983,723	101,889	813	10.4
1916–1920	56,334	85,075	1,456,902	1.51	17.26	1,698	1,377,866	355,786	812	25.4
1921–1925	59,743	90,022	1,197,891	1.51	13.31	1,692	1,291,022	262,597	763	20.3
1915	51,108	85,920	913,644	1.68	10.63	1,370	1,062,237	96,281	775	9.1
1916	55,721	91,192	1,022,930	1.64	11.22	1,413	1,153,278	169,672	816	14.7
1917	55,203	83,308	1,423,766	1.51	17.09	1,518	1,249,276	301,449	823	24.0
1918	55,755	76,660	1,543,494	1.37	20.13	1,647	1,439,071	402,264	874	28.0
1919	56,888	86,997	1,744,547	1.53	20.05	1,951	1,465,481	570,868	751	39.0
1920	58,101	89,785	1,585,355	1.55	17.66	1,960	1,582,225	335,675	807	21.2
1921	*58,769*	*82,458*	*998,069*	*1.40*	*12.10*	*1,427*	*1,069,693*	*212,728*	*750*	*19.9*
1922	61,159	95,748	1,202,063	1.57	12.55	1,695	1,246,837	[8] 289,248	736	[9] 23.2
1923	59,868	89,250	1,261,486	1.49	14.13	1,877	1,515,110	[8] 301,096	807	[9] 19.9
1924	60,907	97,224	1,337,733	1.60	13.76	1,706	1,251,343	[8] 259,139	734	[9] 20.7
1925	58,013	85,431	1,190,103	1.47	13.93	1,757	1,376,028	[8] 250,774	783	[9] 18.2
1926	58,558	86,144	1,214,372	1.47	14.10	1,656	1,297,889	[8] 236,702	784	[9] 18.2
1927	60,885	106,001	1,202,953	1.74	11.35	1,585	1,211,009	[8] 256,882	765	[9] 21.2
1928	57,775	93,031	1,148,283	1.61	12.34	1,012	1,373,501	[8] 274,949	718	20.0
	Cranberries					Oranges [10]				
	1,000 acres	*1,000 barrels* [11]	*1,000 dollars*	*Barrels* [11]	*Dollars per barrel*		*1,000 boxes*	*1,000 dollars*		*Dollars per box*
1916–1920	24	414	3,980	17.1	9.80	-------	22,177	59,445	-------	2.68
1921–1925	27	549	5,749	20.5	10.46	-------	30,057	70,604	-------	2.35
1916	26	471	3,449	18.0	7.32	-------	24,433	61,463	-------	2.52
1917	18	249	2,550	13.7	10.24	-------	10,593	27,556	-------	2.60
1918	25	352	3,791	13.9	10.77	-------	24,200	84,480	-------	3.49
1919	25	549	4,597	22.0	8.37	-------	22,265	59,479	-------	2.67
1920	25	449	5,514	18.0	12.28	-------	29,396	64,245	-------	2.19
1921	25	384	6,526	15.4	16.99	-------	19,940	49,992	-------	2.51
1922	25	560	5,702	22.4	10.18	-------	30,306	63,672	-------	2.10
1923	28	652	4,664	23.3	7.15	-------	37,037	65,689	-------	1.77
1924	28	582	5,485	20.8	9.42	-------	29,700	79,915	-------	2.69
1925	28	569	6,370	20.3	11.20	-------	33,300	93,753	-------	2.82
1926	28	744	5,623	26.1	7.56	-------	38,867	114,293	-------	2.94
1927	28	496	6,089	17.4	12.28	-------	31,200	124,800	-------	4.00
1928	29	531	7,743	18.6	14.58	-------	46,000	139,450	-------	3.03
	Onions (commercial crop)					Cabbage (commercial crop)				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel* [9]	*1,000 acres*	*1,000 short tons*	*1,000 dollars*	*Short tons*	*Dollars per ton* [9]
1920	65	21,343	17,386	329	81	124	1,105	19,784	8.9	17.90
1921	57	14,165	18,587	248	131	105	687	16,903	6.6	24.60
1922	63	18,763	15,876	296	85	134	1,089	13,288	8.1	12.20
1923	62	17,306	23,343	279	135	105	806	17,883	7.7	22.19
1924	65	19,190	16,419	295	86	119	1,068	17,688	9.0	16.55
1925	65	19,662	21,290	301	108	120	947	16,787	7.9	17.72
1926	74	21,119	15,895	285	75	129	1,036	18,489	8.0	17.84
1927	76	23,595	18,751	308	80	144	1,203	19,211	8.4	15.97
1928	77	19,025	22,574	246	119	137	977	23,488	7.1	24.04

[1] Farm values as of Dec. 1.
[8] Value 1922 to 1927 based on season's average price; for 1928, on season's average to Jan. 31, 1929.
[9] Price for season.
[10] Figures cover California (crop beginning Nov. 1 of year specified in stub) and Florida (crop year beginning Sept. 1), data including tangerines. Florida figures for 1919, 1920, and 1921 represent commercial shipments.
[11] Of approximately 100 pounds.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 660.—MINOR CROPS: Area, Production, and Farm Value, by States

Note.—Totals for grain sorghum, beans, and broomcorn are for principal producing States only, including for beans a few States not shown separately. Farm values are for the most part as of Dec. 1

Crop and State	Acres				Yield per acre				Production				Average farm price, 1928[1]
	1925	1926	1927	1928[1]	1925	1926	1927	1928[1]	1925	1926	1927	1928[1]	
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*Cents per bush.*
Flaxseed, total	**3,078**	**2,907**	**2,837**	**2,721**	**7.3**	**6.7**	**9.1**	**7.1**	**22,424**	**19,335**	**25,847**	**19,321**	**201**
Wisconsin	11	11	10	9	13.8	12.0	13.2	13.5	152	132	132	122	199
Minnesota	740	814	757	726	10.0	9.4	9.7	7.6	7,400	7,652	7,343	5,518	205
Iowa	10	15	19	19	10.5	11.6	12.0	10.4	105	174	228	198	198
North Dakota	1,461	1,380	1,242	1,143	6.5	5.5	8.2	7.1	9,496	7,590	10,184	8,115	201
South Dakota	559	475	594	588	6.8	5.8	10.0	5.8	3,801	2,755	5,940	3,410	201
Nebraska	6	7	7	8	9.0	8.7	10.0	8.0	54	61	70	64	190
Kansas	45	38	31	25	6.8	6.9	5.5	6.9	306	262	170	172	185
Montana	244	165	170	196	4.5	4.2	10.2	8.5	1,098	693	1,734	1,666	192
Other States	2	[2] 2	[2] 7	[2] 7	6.0	[2] 8.0	[2] 6.5	[2] 8.0	12	[2] 16	[2] 46	[2] 56	[2] 190
Grain sorghums,[3] total	**6,640**	**6,690**	**6,723**	**6,497**	**16.0**	**20.6**	**20.4**	**21.9**	**106,434**	**137,515**	**137,358**	**142,533**	**62**
Missouri	94	94	113	99	15.0	18.0	24.0	23.5	1,410	1,692	2,712	2,326	80
Nebraska	20	22	30	24	15.0	10.6	23.5	20.2	300	233	705	485	85
Kansas	1,456	1,345	1,547	1,284	16.0	15.0	21.0	22.3	23,296	20,175	32,487	28,633	61
Oklahoma	1,745	1,817	1,744	1,709	12.5	19.0	20.0	18.0	21,812	34,523	34,880	30,762	62
Texas	2,798	2,854	2,654	2,760	18.0	25.0	21.0	25.0	50,364	71,350	55,734	69,000	60
Colorado	246	227	284	256	11.0	5.0	10.0	10.0	2,706	1,135	2,840	2,560	60
New Mexico	153	195	171	188	18.0	21.0	14.0	18.0	2,754	4,095	2,394	3,384	60
Arizona	40	40	50	52	20.0	31.0	31.0	29.0	800	1,240	1,550	1,508	80
California	88	96	130	125	34.0	32.0	31.2	31.0	2,992	3,072	4,056	3,875	90
Beans, dry, total	**1,606**	**1,677**	**1,571**	**1,577**	**12.4**	**10.6**	**10.3**	**10.5**	**19,928**	**17,707**	**16,181**	**16,598**	**417**
New York	135	97	75	80	10.8	11.8	13.0	14.5	1,458	1,145	975	1,160	470
Michigan	639	552	566	538	13.5	12.0	8.5	11.0	8,626	6,624	4,811	5,918	445
Wisconsin	12	9	6	6	11.0	7.5	6.7	9.0	132	68	40	54	390
Montana	37	43	32	43	12.5	10.0	20.0	14.5	462	430	640	624	385
Idaho	72	54	72	82	22.0	18.5	23.7	18.0	1,584	999	1,706	1,476	360
Colorado	320	378	281	309	7.0	3.6	5.5	4.5	2,240	1,361	1,546	1,390	340
New Mexico	114	195	195	214	3.5	4.3	5.0	4.0	399	838	975	856	315
California	240	305	296	250	19.0	18.8	16.3	17.7	4,560	5,734	4,825	4,425	440
					Lbs.	*Lbs.*	*Lbs.*	*Lbs.*	*Tons*	*Tons*	*Tons*	*Tons*	*Dolls. per ton*
Broomcorn, total	**214**	**306**	**230**	**252**	**276**	**356**	**336**	**361**	**29,500**	**54,400**	**38,600**	**45,500**	**107**
Illinois	30	40	28	24	560	420	380	440	8,400	8,400	5,300	5,300	145
Missouri	4	3	3	4	322	250	400	430	600	400	600	900	90
Kansas	22	31	27	38	280	327	375	420	3,100	5,100	5,100	8,000	96
Oklahoma	108	158	112	114	205	375	340	351	11,100	29,600	19,500	20,000	111
Texas	11	15	10	9	318	410	260	350	1,700	3,100	1,300	1,600	107
Colorado	15	30	28	36	250	225	315	340	1,900	3,400	4,400	6,100	85
New Mexico	24	29	22	27	225	300	220	270	2,700	4,400	2,400	3,600	90
									1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Cents per lb.*
Peanuts,[4] total	**958**	**843**	**1,142**	**1,180**	**729**	**750**	**757**	**686**	**698,475**	**631,825**	**864,549**	**809,060**	**4.6**
Virginia	138	138	152	152	1,040	990	810	910	143,520	136,620	123,120	138,320	4.7
North Carolina	185	180	211	195	1,150	1,030	954	950	212,750	185,400	201,294	185,250	4.9
South Carolina	11	8	11	10	430	675	775	690	4,730	5,400	8,525	6,900	4.2
Georgia	278	211	304	350	500	525	725	540	139,000	110,775	220,400	189,000	4.4
Florida	41	39	44	44	600	680	640	575	24,600	26,520	28,160	25,300	4.2
Tennessee	20	20	20	18	815	900	850	800	16,300	18,000	17,000	14,400	4.7
Alabama	180	140	230	210	560	570	680	560	100,800	79,800	156,400	117,600	3.9
Mississippi	14	8	9	10	595	650	725	500	8,330	5,200	6,525	5,000	6.5
Arkansas	10	10	11	12	496	675	800	720	4,960	6,750	8,800	8,640	6.4
Louisiana	9	10	13	12	640	552	625	450	5,760	5,520	8,125	5,400	6.6
Oklahoma	7	8	20	47	700	800	800	750	4,900	6,400	16,000	35,250	5.4
Texas	65	71	117	120	505	640	600	650	32,825	45,440	70,200	78,000	5.0

[1] Preliminary. [2] One State only. [3] For all purposes. [4] For nuts.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 651.—ORCHARD CROPS: Production, Total and in Leading States

[In thousands of bushels]

State	1909	1919	1926	1927	1928
APPLES					
U. S.	145,412	136,561	246,609	123,693	184,920
Me.	3,636	4,829	2,260	2,236	1,400
N. H.	1,108	1,364	1,240	1,100	1,000
Vt.	1,460	960	800	990	560
Mass.	2,550	3,187	4,100	2,520	2,700
Conn.	1,541	1,395	1,900	1,045	1,500
N. Y.	25,409	14,350	40,375	13,600	21,900
N. J.	1,407	1,660	4,310	2,697	3,290
Pa.	11,048	5,513	17,000	6,300	8,400
Del.	183	606	2,376	1,150	1,520
Md.	1,823	1,519	3,500	1,700	2,190
Va.	6,104	8,943	19,992	6,600	16,100
W. Va.	4,225	4,189	10,875	5,000	8,750
N. C.	4,776	1,938	5,986	1,825	5,040
Ga.	896	417	1,827	595	1,400
Ohio	4,664	2,976	11,900	5,600	5,880
Ind.	2,759	926	4,100	1,249	2,520
Ill.	3,093	4,673	9,000	4,450	7,150
Mich.	12,332	5,843	9,045	4,288	5,400
Wis.	2,232	1,306	2,158	1,200	2,160
Minn.	1,044	1,028	1,263	854	1,230
Iowa	6,747	1,810	3,652	1,720	2,740
Mo.	9,259	5,132	5,015	2,104	3,380
Nebr.	3,321	907	700	850	470
Kans.	1,356	1,749	1,428	1,925	820
Ky.	7,368	1,281	6,408	720	5,700
Tenn.	4,640	1,259	5,360	1,152	3,700
Ala.	888	577	1,328	328	885
Okla.	742	1,597	770	493	350
Ark.	2,296	7,164	3,450	1,015	2,200
Colo.	3,559	3,418	3,444	2,592	3,020
N. Mex.	417	939	1,147	456	675
Utah	356	760	817	660	880
Idaho	660	3,646	4,200	6,000	5,000
Wash.	2,672	21,569	34,030	25,343	33,500
Oreg.	1,931	6,921	8,036	4,320	6,950
Calif.	4,935	7,842	10,350	7,458	12,282
Other States	1,978	2,360	2,557	1,558	2,128
PEACHES					
U. S.	35,470	50,686	[1] 69,865	[1] 45,463	[1] 68,374
N. Y.	1,736	1,262	2,300	1,140	2,400
N. J.	441	1,653	3,000	2,304	1,625
Pa.	1,024	1,100	2,498	947	1,867
Md.	325	564	700	352	465
Va.	243	692	1,176	400	880
W. Va.	329	706	1,000	202	810
N. C.	1,344	479	2,250	1,300	2,590
S. C.	643	390	1,054	615	1,363
Ga.	2,555	4,789	9,400	5,943	10,000
PEACHES—continued					
Ohio	1,036	618	2,120	1,326	1,742
Ind.	1,174	82	900	242	605
Ill.	1,223	450	2,060	1,122	1,638
Mich.	1,687	448	1,564	578	1,156
Mo.	1,485	1,263	1,722	340	655
Ky.	1,623	460	1,110	180	1,035
Tenn.	1,570	1,285	1,860	638	2,190
Ala.	1,417	1,083	1,159	540	1,350
Miss.	1,157	776	551	279	635
Tex.	730	4,621	2,310	800	1,612
Okla.	358	2,925	180	760	480
Ark.	1,902	3,341	2,400	1,628	3,000
Colo.	692	721	976	892	600
Utah	143	884	550	561	612
Wash.	84	1,545	1,222	250	1,470
Oreg.	179	504	384	160	292
Calif.	9,267	5,969	22,542	20,500	25,752
Other States	1,094	2,080	2,277	1,464	1,550
PEARS					
U. S.	8,841	14,204	25,249	18,373	23,783
N. Y.	1,343	1,830	2,088	1,872	1,800
N. J.	463	402	645	420	502
Pa.	379	421	748	400	620
Del.	105	98	388	128	108
Md.	367	287	394	193	193
Va.	74	288	410	130	230
N. C.	84	112	270	100	234
S. C.	66	99	133	68	133
Ga.	150	178	257	104	245
Ohio	375	157	430	250	395
Ind.	320	109	328	140	288
Ill.	249	375	818	312	540
Mich.	666	405	889	702	819
Mo.	143	431	473	270	171
Kans.	19	221	186	258	51
Ky.	252	55	144	34	116
Tenn.	84	115	266	125	255
Ala.	100	163	211	83	234
Miss.	101	121	189	120	194
Tex.	111	637	580	345	390
Okla.	7	250	81	130	72
Ark.	38	124	116	70	102
Colo.	133	269	564	480	185
Wash.	311	1,729	3,220	1,670	3,500
Oreg.	375	761	2,100	1,900	2,700
Calif.	1,928	3,953	8,625	7,542	9,126
Other States	598	615	696	527	580

[1] The production of peaches includes some estimated quantities not harvested or not utilized, as follows: 1926, 1,462,000 bushels in Georgia and Northern States; 1927, 2,708,000 bushels in California; 1928, 2,917,000 bushels in California and 1,000,000 in Georgia.

Source: 1909 and 1919, enumerations of Bureau of the Census; 1926, 1927, and 1928 estimates of Department of Agriculture.

No. 662.—ORCHARD CROPS: United States Production

[In thousands of bushels]

Yearly average or year	Apples	Peaches	Pears	Year	Apples	Peaches	Pears
1891–1895	157,693	------	------	1919 (census)	136,561	50,686	14,204
1896–1900	179,143	------	------	1921	99,002	32,602	11,297
1901–1905	182,672	38,166	------	1922	202,702	55,852	20,705
1906–1910	154,454	39,684	------	1923	202,842	45,382	17,845
1911–1915	215,572	49,027	11,341	1924	171,725	53,848	18,866
1916–1920	179,208	43,632	14,066	1925	172,389	46,562	20,720
1921–1925	169,732	46,849	17,887	1926	246,609	[1] 69,865	25,249
1899 (census)	175,398	15,433	6,625	1927	123,693	[1] 45,463	18,373
1909 (census)	145,412	35,470	8,841	1928	184,920	[1] 68,374	23,783

[1] Includes some estimated quantities not harvested or not utilized. See footnote Table 661.

No. 663.—ORCHARD CROPS: Farm Prices per Bushel

Division and State	Apples, Dec. 1					Peaches[1]					Pears[1]		
	1910	1925	1926	1927	1928	1910	1925	1926	1927	1928	1926	1927	1928
United States	$0.90	$1.26	$0.75	$1.39	$1.00	$1.08	$1.38	$1.00	$1.18	$0.99	$0.89	$1.32	$1.02
New England:													
Maine	.80	.91	.85	1.00	1.00	------	------	------	------	------	1.50	1.70	1.50
New Hampshire	.80	1.20	.90	1.30	1.10	------	2.00	1.50	2.20	2.40	1.65	1.70	1.70
Vermont	.92	1.65	1.20	1.50	1.50	------	------	------	------	------	2.00	2.15	2.10
Massachusetts	.90	1.50	.90	1.40	1.25	------	2.50	1.80	2.10	2.30	1.80	1.75	1.70
Rhode Island	.89	1.70	1.00	1.80	1.30	------	3.00	1.70	2.10	2.30	1.60	1.80	1.80
Connecticut	.80	1.65	1.00	1.70	1.30	------	2.80	1.70	2.20	1.90	1.90	2.00	1.60
Middle Atlantic:													
New York	1.00	1.12	.55	1.45	1.10	1.37	1.90	.90	1.90	1.45	1.25	1.50	1.45
New Jersey	.78	1.40	.70	1.45	1.10	1.28	1.50	.70	1.50	1.35	.65	1.00	1.00
Pennsylvania	.75	1.46	.80	1.40	1.15	1.37	2.40	1.00	2.00	1.55	1.15	1.50	1.20
South Atlantic:													
Delaware	------	1.30	.50	1.60	1.10	------	1.55	.85	1.10	1.20	.40	.60	.60
Maryland	.65	1.15	.50	1.25	.90	.91	1.85	.75	1.50	1.30	.55	.90	.90
Virginia	.80	1.12	.55	1.35	.85	.99	1.90	1.00	1.60	1.40	.80	1.15	1.05
West Virginia	.78	1.32	.70	1.60	.90	1.12	2.20	1.25	2.10	1.50	1.15	1.65	1.25
North Carolina	.98	1.33	.85	1.65	.90	.85	1.60	.90	1.70	1.15	1.15	1.35	1.10
South Carolina	1.00	1.70	1.40	1.75	1.25	1.02	1.35	1.00	1.50	1.10	1.20	1.30	1.10
Georgia	1.05	1.55	.95	1.70	1.10	1.02	1.40	.80	1.35	.90	1.05	1.35	1.00
Florida	------	------	------	------	------	1.00	1.65	1.60	1.75	1.35	1.25	1.15	.95
East North Central:													
Ohio	.93	1.43	.90	1.50	1.30	1.60	2.15	1.25	1.95	1.55	.85	1.25	.90
Indiana	.90	1.45	.95	1.80	1.30	1.37	2.30	1.60	2.35	1.60	.65	1.05	.75
Illinois	1.15	1.40	.95	1.75	1.30	1.65	2.50	1.25	2.05	1.40	.75	1.10	.85
Michigan	1.02	1.00	.65	1.50	1.30	1.39	2.20	1.00	2.10	1.55	.80	1.15	.95
Wisconsin	1.12	1.30	1.00	1.70	1.10	------	------	------	------	------	1.30	------	------
West North Central:													
Minnesota	1.02	1.65	1.20	1.40	1.00	------	------	------	------	------	------	------	------
Iowa	1.30	1.70	1.30	1.95	1.50	2.17	2.50	1.60	1.95	1.50	1.20	1.50	1.20
Missouri	.85	1.30	1.05	1.80	1.25	1.08	1.80	1.25	1.90	1.55	.80	1.15	1.15
South Dakota	1.50	2.00	1.50	1.00	1.30	------	------	------	------	------	------	------	------
Nebraska	.98	1.95	1.50	1.40	1.40	1.33	2.35	1.50	1.60	2.00	1.60	1.60	1.90
Kansas	.78	1.60	1.25	1.45	1.40	1.05	1.85	1.70	1.75	1.90	1.25	1.10	1.40
East South Central:													
Kentucky	1.00	1.65	.90	1.80	1.00	1.21	1.75	1.30	1.90	1.25	.95	1.45	1.10
Tennessee	.92	1.60	.85	1.80	1.10	.92	1.55	1.05	1.70	1.10	1.05	1.45	1.05
Alabama	.90	1.50	1.10	1.85	1.45	.85	1.60	1.10	1.50	1.10	.90	1.30	1.10
Mississippi	1.25	1.50	1.25	1.65	1.45	.98	1.55	1.40	1.65	1.45	1.15	1.10	1.10
West South Central:													
Louisiana	------	2.00	1.00	1.50	1.50	1.00	2.00	1.50	1.80	1.60	1.30	1.40	1.35
Texas	1.30	1.60	1.25	2.10	1.55	1.06	1.50	1.10	1.60	1.30	.90	1.25	1.25
Oklahoma	1.07	1.35	1.05	1.60	1.35	.95	1.33	1.30	1.30	1.30	1.40	1.30	1.30
Arkansas	1.05	.95	.75	1.55	1.20	1.00	1.50	1.05	1.40	1.20	1.25	1.30	1.20
Mountain:													
Montana	1.20	1.75	1.20	1.30	.90	------	------	------	------	------	------	------	------
Wyoming	------	2.00	1.25	1.50	1.35	------	------	------	------	------	------	------	------
Colorado	1.15	1.10	.70	1.10	.65	1.80	1.90	1.10	1.20	1.20	.65	1.40	1.05
New Mexico	1.40	1.50	.90	1.80	1.25	1.28	1.75	1.80	2.20	1.95	1.50	1.70	1.55
Arizona	1.91	2.20	1.60	1.90	1.90	------	1.70	1.70	2.30	2.00	2.50	2.50	2.50
Utah	1.30	.90	.80	1.10	.80	1.40	2.00	.90	1.20	.95	1.10	1.70	1.40
Nevada	1.45	1.50	1.60	1.85	1.50	------	2.25	1.50	2.30	2.00	2.00	2.50	2.50
Idaho	.99	1.05	.70	1.10	.75	------	1.00	1.00	1.60	1.05	1.50	1.60	1.35
Pacific:													
Washington	.80	1.30	.75	1.30	.90	.90	1.85	.90	1.75	1.00	.80	1.35	1.05
Oregon	1.00	1.25	.70	1.10	.90	1.37	1.80	1.20	1.60	1.40	.85	1.40	1.00
California	.82	1.15	.40	.90	.50	1.03	.86	.94	.60	.55	.84	1.30	.90

[1] Seasonal.

Source of Tables 662 and 663: Bureau of Agricultural Economics, Department of Agriculture.

No. 664.—SUGAR PRODUCTION: Continental United States and Certain Outlying Areas, and World Total

[In thousands of short tons of 2,000 pounds]

Yearly average, or year ending June 30—	Continental United States and outlying areas	Continental United States			Porto Rico [1]	Hawaii [2]	Philippine Island [3]	World total	Per cent of world total in—	
		Total	Beet (chiefly refined)	Cane (chiefly raw)					Continental United States	U. S. and outlying areas
1871-1875	281	72	(4)	72	95	[5] 13	111	(6)	(6)	(6)
1876-1880	347	96	(4)	96	78	20	152	(6)	(6)	(6)
1881-1885	476	131	1	130	87	64	195	(6)	(6)	(6)
1886-1890	542	153	1	152	73	119	196	(6)	(6)	(6)
1891-1895	759	285	14	271	63	145	266	(6)	(6)	(6)
1896-1900	812	327	48	279	56	256	174	10,844	3.0	7.5
1901-1905	1,141	542	194	348	115	389	94	13,321	4.1	8.6
1906-1910	1,685	801	440	361	255	489	141	15,784	5.1	10.7
1911-1915	2,202	937	652	285	363	593	309	19,796	4.7	11.1
1916-1920	2,517	1,009	789	220	466	594	447	18,910	5.3	13.3
1921-1925	2,846	1,162	951	211	477	622	585	22,101	5.3	12.9
1922	2,882	1,348	1,020	328	408	592	533	20,577	6.6	14.0
1923	2,362	971	675	296	379	537	475	20,861	4.7	11.3
1924	2,713	1,046	881	165	448	691	529	22,833	4.6	11.9
1925	3,387	1,178	1,090	[7] 88	660	769	780	26,624	4.4	12.7
1926	3,050	1,052	913	[7] 139	603	787	607	27,834	3.8	11.0
1927	3,151	944	897	[7] 47	620	811	[8] 767	26,531	3.6	11.9
1928	3,519	1,164	1,093	[7] 71	749	904	[8] 702	28,333	4.1	12.4
1929 (preliminary)	3,459	1,193	1,061	[7] 132	596	[9] 930	[8] 740	30,237	3.9	11.4

[1] For 1900 to 1906, shipments to the United States. [2] Statistics for 1874 to 1880 represent exports.
[3] Exports 1871 to 1911, production 1912 and subsequently. [4] Less than 500. [5] One year only.
[6] Not available. [7] Louisiana only. [8] Willet and Gray's estimate. [9] Unofficial.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 665.—SUGAR: Production, Trade, and Supply Available for Consumption, Continental United States

Yearly average or year ending June 30—	Production [1]	Brought in from insular areas [2]	Imports as sugar [3,4]	Exports as sugar [4,5]	Exports in other forms [6]	Available for consumption [7]	
						Total	Per capita
	In terms of raw sugar						
	Short tons	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Pounds*
1871-1875	72,508	----------	777,685	5,269	(8)	844,924	40.7
1876-1880	96,444	----------	830,375	23,820	(8)	902,999	38.1
1881-1885	131,073	----------	1,151,724	39,347	(8)	1,243,449	46.5
1886-1890	152,879	----------	1,414,647	43,136	(8)	1,524,389	50.9
1891-1895	284,346	----------	1,864,201	16,903	(8)	2,131,644	64.3
1896-1900	326,362	----------	1,943,678	5,660	(8)	2,264,380	62.2
1901-1905	542,788	500,764	1,839,377	7,301	(8)	2,875,638	71.7
1906-1910	808,015	751,550	1,959,304	32,423	(8)	3,483,547	78.9
1911-1915	985,511	1,038,605	2,187,469	91,554	15,164	4,104,886	85.7
1916-1920	1,069,086	1,066,272	2,834,957	642,023	44,538	4,283,754	83.3
1921-1925	1,232,959	1,314,489	3,721,100	448,697	36,102	5,783,849	104.4
1912	1,005,337	1,187,663	1,832,424	50,380	15,160	3,959,883	83.9
1913	907,070	1,026,972	2,266,426	30,963	19,217	4,150,288	86.6
1914	1,088,844	936,376	2,463,252	37,190	11,892	4,439,489	91.3
1915	1,022,828	1,098,314	2,529,963	302,641	13,585	4,334,878	87.9
1916	1,078,497	1,102,057	2,689,067	882,864	12,213	3,974,453	79.4
1917	1,193,107	1,203,938	2,527,984	676,752	29,211	4,219,066	83.2
1918	1,068,437	975,684	2,344,816	305,429	46,131	4,037,377	78.5
1919	1,102,421	1,073,944	2,799,962	568,566	36,747	4,371,013	83.8
1920	903,060	975,735	3,812,955	776,502	98,386	4,816,862	91.1
1921	1,346,811	1,076,842	3,228,279	319,589	89,491	5,242,852	97.6
1922	1,424,726	1,340,867	3,940,777	1,085,349	31,307	5,589,624	102.4
1923	1,021,360	1,235,049	4,068,205	412,196	12,568	5,899,849	106.5
1924	1,111,898	1,274,870	3,436,955	152,883	24,617	5,646,223	100.2
1925	1,260,000	1,645,319	3,931,282	273,470	22,436	6,540,695	114.2
1926	1,121,000	1,981,482	3,805,947	325,804	24,998	6,647,627	114.4
1927	1,011,000	1,689,347	3,968,880	124,555	26,303	6,518,369	110.6
1928	1,246,000	2,051,756	3,415,736	115,781	29,473	6,568,238	110.1
1929 (preliminary)	1,273,000	(9)	(9)	(9)	(9)	(9)	(9)

[1] Beet and cane sugar only.
[2] Includes Hawaii, Porto Rico, and the Philippine Islands; Virgin Islands included after 1916.
[3] Sugar imported in other forms excluded. Imports from the Philippine Islands excluded after 1900.
[4] Imported raw sugar reexported is excluded from both imports and exports.
[5] Includes shipments to Hawaii and Porto Rico. Excludes direct exports from them to foreign countries.
[6] Sugar used in the manufacture of other commodities for exports on which drawback was paid.
[7] Stocks at the beginning or end of year ignored. [8] Not computed. [9] Not yet available.

No. 665.—Sugar: Production, Trade, and Supply Available for Consumption, Continental United States—Continued

Year ending June 30—	Production	Brought in from insular areas	Imports as sugar	Exports as sugar	Exports in other forms	Available for consumption	
						Total	Per capita
	In terms of refined sugar [10]						
	Short tons	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Short tons*	*Pounds*
1922	1,325,906	1,260,894	3,686,397	1,009,377	29,182	5,234,638	95.9
1923	950,625	1,161,351	3,805,745	383,439	11,682	5,522,600	99.7
1924	1,034,615	1,198,777	3,214,883	142,217	22,943	5,283,115	93.7
1925	1,172,000	1,547,587	3,674,563	254,391	20,911	6,118,848	106.8
1926	1,043,000	1,859,332	3,634,323	303,073	23,298	6,210,284	106.8
1927	941,000	1,588,981	3,714,054	115,865	24,514	6,103,656	103.6
1928	1,159,000	1,930,732	3,196,396	107,704	27,469	6,150,955	103.1
1929 (preliminary)	1,184,000	(9)	(9)	(9)	(9)	(9)	(9)

[9] Not yet available.
[10] Raw sugar converted to refined by multiplying by the following factors: Cuba and Hawaii, 0.9358; Porto Rico, 0.9303; Philippine Islands, 0.95; all others, 0.932.

No. 666.—SUGAR, RAW: Percentages Relating to Sugar Consumption of Continental United States

Yearly average or year ending June 30—	Per cent of world production retained for consumption	Per cent of consumption from [1]—			Year ending June 30—	Per cent of world production retained for consumption	Per cent of consumption from [1]—		
		Domestic	Noncontiguous territory	All foreign countries			Domestic	Noncontiguous territory	All foreign countries
1866–1870	(2)				1914	21.1	24.5	21.1	54.4
1871–1875	(2)	8.6		91.4	1915	20.8	23.6	25.3	51.1
1876–1880	(2)	10.7		89.3	1916	21.1	27.1	27.7	45.2
1881–1885	(2)	10.5		89.5	1917	22.7	28.3	28.5	43.2
1886–1890	(2)	10.0		90.0	1918	19.9	26.4	24.2	49.4
1891–1895	(2)	13.3		86.7	1919	23.3	25.2	24.6	50.2
1896–1900	20.9	14.4		85.6	1920	26.8	18.7	20.3	61.0
1901–1905	21.6	18.9	17.4	63.7	1921	26.8	25.7	20.5	53.8
1906–1910	22.1	23.2	21.6	55.2	1922	27.2	25.5	24.0	50.5
1911–1915	20.7	24.0	25.3	50.7	1923	28.3	17.3	20.9	61.8
1916–1920	22.7	25.0	24.9	50.1	1924	24.7	19.7	22.6	57.7
1921–1925	26.2	21.3	22.7	56.0	1925	24.6	19.3	25.1	55.6
1911	19.3	24.8	25.9	49.3	1926	23.9	16.9	29.8	53.3
1912	22.1	25.4	30.0	44.6	1927	24.6	15.5	25.9	58.6
1913	20.4	21.9	24.7	53.4	1928	23.2	19.0	31.2	49.8

[1] Exports assumed to be wholly from sugar imported from foreign countries. [2] Not available.

No. 667.—SUGAR: Wholesale Prices of Raw and Refined, New York

[Cents per pound]

Yearly average or year	Raw, 96° centrifugal	Refined, granulated	Month	Raw, 96° centrifugal	Refined, granulated	Month	Raw, 96° centrif. ugal	Refined, granulated	Month	Raw, 96° centrifugal	Refined, granulated
1891–1895	3.4	4.4	1926			1927			1928		
1896–1900	4.0	4.8	Jan	4.2	5.1	Jan	5.1	6.2	Jan	4.5	5.7
1901–1905	3.9	4.8	Feb	4.2	5.2	Feb	4.9	6.0	Feb	4.3	5.6
1906–1910	3.9	4.7	Mar	4.0	4.9	Mar	4.8	5.8	Mar	4.5	5.7
1911–1915	4.1	5.0	Apr	4.1	5.2	Apr	4.8	5.8	Apr	4.5	5.8
1916–1920	7.8	8.8	May	4.2	5.5	May	4.8	6.0	May	4.5	5.9
1921–1925	5.4	6.7	June	4.1	5.4	June	4.6	6.0	June	4.3	5.9
1921	4.8	6.2	July	4.2	5.6	July	4.5	5.9	July	4.2	5.7
1922	4.7	5.9	Aug	4.2	5.5	Aug	4.5	5.6	Aug	4.1	5.5
1923	7.0	8.4	Sept	4.4	5.6	Sept	4.8	5.8	Sept	4.2	5.6
1924	6.0	7.5	Oct	4.6	5.7	Oct	4.7	5.7	Oct	3.9	5.2
1925	4.3	5.5	Nov	4.7	5.8	Nov	4.7	5.6	Nov	3.9	5.1
1926	4.3	5.5	Dec	5.1	6.1	Dec	4.6	5.6	Dec	3.9	5.2
1927	4.7	5.8									
1928	4.2	5.6									

Sources: Tables 665 and 666, Bureau of Agricultural Economics, Department of Agriculture; Table 667, Survey of Current Business, Department of Commerce.

No. 668.—SUGAR BEETS AND BEET SUGAR: PRODUCTION

NOTE.—Prior to 1924 acreage and production of beets are accredited to State in which made into sugar and include a small quantity produced in Canada for United States factories. "Per cent of sucrose in beets" is based on analysis; "Per cent extracted" is per cent of total weight of beets actually recovered by factories. Tons are 2,000 pounds

Yearly average or year and State	Beets produced for sugar					Sugar manufacture				
	Acres harvested	Crop [1] (1,000 tons)	Tons per acre	Price per ton (dollars)	Farm value (1,000 dollars)	Number of factories	Beets used (1,000 tons)	Sugar made (1,000 tons)	Per cent of sucrose— In beets	Per cent of sucrose— Extracted
United States [2]										
1901-1905	227,841	2,079	9.22	4.89	10,166	45	2,079	240	15.03	11.50
1906-1910	386,052	3,910	10.13	[3] 5.18	20,254	63	3,910	479	15.78	12.27
1911-1915	540,777	5,654	10.17	5.63	30,836	67	5,477	724	16.17	13.18
1916-1920	697,649	6,623	8.88	9.38	58,156	88	6,200	832	15.85	13.41
1921-1925	694,400	6,981	10.05	7.47	51,991	88	6,606	916	15.71	13.86
1920	872,000	8,538	9.79	11.63	99,324	97	7,991	1,089	15.99	13.63
1921	815,000	7,782	9.55	6.35	49,392	92	7,414	1,020	15.77	13.76
1922	530,000	5,183	9.77	7.91	41,017	81	4,963	675	15.44	13.61
1923	657,000	7,006	10.66	8.99	62,965	89	6,565	881	15.30	13.37
1924	815,000	7,489	9.20	7.95	59,524	90	7,075	1,090	17.19	15.41
1925	647,000	7,381	11.40	6.39	47,137	88	6,993	913	14.86	13.06
1926	677,000	7,223	10.67	7.61	54,964	78	6,782	897	14.94	12.23
1927	721,000	7,753	10.75	7.67	59,455	83	7,443	1,093	16.11	14.68
1928 [4]	644,000	7,101	11.03	7.18	50,960	82	6,880	1,091	16.73	15.42
California:										
1916-1920	126,735	1,097	8.77	10.65	10,725	12	1,097	174	17.88	15.76
1921-1925	79,800	665	8.33	9.46	6,293	7	662	113	18.41	17.00
1926	46,000	369	8.0	9.25	3,411	5	363	68	19.28	18.73
1927	59,000	476	8.1	9.28	4,418	7	470	84	18.72	17.87
1928 [4]	49,000	638	13.0	8.00	5,104	5	630	103	18.14	16.35
Colorado:										
1916-1920	175,678	1,882	10.71	9.25	17,401	15	1,774	233	15.19	13.16
1921-1925	174,600	2,001	11.46	7.18	14,273	16	1,993	259	15.16	13.59
1926	211,000	2,912	13.8	7.92	23,050	17	2,765	377	15.65	13.63
1927	218,000	2,774	12.7	7.84	21,758	17	2,652	381	15.38	14.37
1928 [4]	179,000	2,394	13.4	7.00	16,758	17	2,410	384	16.51	15.93
Idaho:										
1916-1920	37,525	322	8.59	9.22	2,973	7	309	42	16.40	13.63
1921-1925	37,000	381	10.30	7.23	2,715	7	360	55	16.90	15.26
1926	18,000	108	6.0	6.91	744	3	120	19	16.28	14.73
1927	29,000	381	13.1	7.50	2,854	5	373	61	17.69	16.35
1928 [4]	27,000	297	11.0	7.00	2,079	6	317	53	17.86	16.72
Michigan:										
1916-1920	113,936	912	8.0	10.02	9,137	16	826	112	15.92	13.61
1921-1925	121,200	986	8.14	7.67	7,344	16	915	120	14.97	13.11
1926	100,000	793	7.9	7.00	5,552	15	860	106	15.23	12.33
1927	99,000	698	7.0	7.16	4,996	14	780	109	16.28	13.97
1928 [4]	71,000	452	6.4	7.50	3,390	12	458	64	16.30	13.97
Montana and Wyoming: [5]										
1922-1925	42,750	470	10.99	7.71	3,690	4	441	63	16.30	14.29
1926	68,000	736	10.8	7.55	5,557	7	638	84	14.73	13.17
1927	69,000	795	11.52	7.92	6,299	7	711	111	17.02	15.61
1928 [4]	72,000	720	10.0	7.09	5,104	8	643	103	17.26	16.02
Nebraska:										
1916-1920	53,315	540	10.13	9.62	5,201	4	505	64	15.07	12.68
1921-1925	61,800	763	12.35	7.10	5,419	5	718	96	15.34	13.39
1926	79,000	923	11.7	7.88	7,274	6	808	104	13.14	11.58
1927	82,000	1,036	12.6	7.96	8,241	7	1,012	134	15.12	13.24
1928 [4]	86,000	1,021	11.9	7.00	7,147	7	975	146	16.29	14.97
Ohio:										
1916-1920	32,331	289	8.94	9.84	2,846	5	261	31	15.49	12.15
1921-1925	35,600	313	8.80	7.85	2,532	5	291	34	14.47	11.62
1926	35,000	340	9.7	7.00	2,383	5	270	26	12.59	9.63
1927	37,000	325	8.8	7.00	2,272	4	249	36	16.87	14.46
1928 [4]	38,000	266	7.0	7.50	1,995	5	238	31	16.09	13.03
Utah:										
1916-1920	89,206	994	11.14	9.63	9,569	16	896	109	15.29	12.09
1921-1925	83,200	930	11.18	6.85	6,413	17	879	123	16.09	13.96
1926	51,000	415	8.1	6.97	2,894	10	356	53	16.29	14.89
1927	55,000	677	12.3	7.03	4,761	11	623	94	16.69	15.09
1928 [4]	51,000	637	12.5	7.00	4,459	11	568	90	17.28	15.85
Wisconsin:										
1916-1920	12,397	110	8.85	9.89	1,084	4	99	12	15.05	11.94
1921-1925	14,600	120	8.25	7.43	951	4	111	13	15.39	12.05
1926	17,000	158	9.3	7.24	1,141	3	107	12	14.02	11.21
1927	11,000	90	8.2	7.00	633	3	100	13	16.00	13.00
1928 [4]	8,000	74	9.2	7.50	555	3	86	12	16.56	13.95

[1] Beets used 1901 to 1912. [2] Includes data for States not shown covering 63,000 acres of beets in 1928.
[3] Four-year average. [4] Preliminary. [5] Prior to 1922 Montana and Wyoming data not segregated.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 669.—LOUISIANA SUGAR CANE, CANE SUGAR, AND MOLASSES

NOTE.—Louisiana produces practically all the cane sugar produced in the United States. In other States cane is largely used for making sirup (see Table 672). Tons are of 2,000 pounds

Yearly average or year	Total acres in cane	Cane used for sugar			Factories in operation	Sugar made		Molasses made	
		Acres harvested	Crop (1,000 tons)	Yield per acre (tons)		Amount (1,000 tons)	Per ton of cane (pounds)	Amount (1,000 gallons)	Per ton of sugar (gallons)
1911-1915	----------	230,200	3,496	14.6	150	236	137.6	20,666	88
1916-1920	----------	211,789	3,286	15.1	133	224	135.4	22,956	102
1921-1925	305,320	207,589	3,044	13.9	107	202	139.9	19,286	91
1924	301,100	162,640	1,228	7.6	82	88	144.1	9,590	109
1925	263,000	190,248	2,645	14.0	91	139	105.4	17,783	128
1926	198,000	127,916	864	6.7	54	47	109.1	6,614	141
1927	105,000	72,987	962	13.4	46	71	147.2	6,624	94
1928	151,680	114,991	1,860	16.2	55	132	141.9	13,535	102

SUGAR MADE (1,000 TONS)

1906	258	1911	353	1916	304	1921	324
1907	381	1912	154	1917	244	1922	295
1908	398	1913	293	1918	281	1923	162
1909	364	1914	243	1919	121	1924	88
1910	343	1915	138	1920	169	1925	139

No. 670.—HAWAIIAN SUGAR CANE AND CANE SUGAR

NOTE.—Figures are for years ending September 30. All tons are of 2,000 pounds

Yearly average or year	Total acres in cane	Cane used for sugar			Sugar made	
		Acres harvested	Crop (1,000 tons)	Yield per acre (tons)	Amount (1,000 tons)	Per cent of cane used
All islands:						
1913-1915	----------	113,500	4,854	43	602	12.39
1916-1920	251,206	118,584	4,830	41	594	12.30
1921-1925	234,700	116,820	5,253	45	622	11.84
1924	232,000	111,000	5,661	51	691	12.21
1925	241,000	122,000	6,297	52	769	12.21
1926	237,774	122,309	6,496	53	787	12.12
1927	251,237	127,417	7,181	56	812	11.31
1928	240,769	131,534	7,707	59	897	11.64
Hawaii—1926	109,063	55,236	2,442	44	279	11.42
1927	110,978	56,135	2,516	45	261	10.38
1928	106,653	56,111	2,736	49	295	10.78
Kauai—1926	44,796	23,494	1,153	49	136	11.77
1927	51,137	26,810	1,432	53	156	10.92
1928	44,535	28,279	1,505	53	163	10.83
Maui—1926	39,518	19,886	1,186	60	159	13.41
1927	42,082	20,632	1,338	65	172	12.86
1928	47,850	21,752	1,454	67	192	13.20
Oahu—1926	44,397	23,693	1,715	72	213	12.46
1927	47,040	23,840	1,895	79	223	11.76
1928	41,730	25,391	2,013	79	247	12.27

TOTAL, ALL ISLANDS: SUGAR MADE (1,000 TONS)

1906	429	1911	567	1916	593	1921	522
1907	440	1912	595	1917	645	1922	592
1908	521	1913	547	1918	577	1923	537
1909	535	1914	612	1919	600	1924	691
1910	517	1915	646	1920	556	1925	769

Sources: Table 669 and Table 670 prior to 1926, Bureau of Agricultural Economics, Department of Agriculture; Table 670, beginning 1926, Hawaiian Sugar Planters Association.

No. 671.—MAPLE SUGAR AND SIRUP: Production by States

State and year	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar [1]
CENSUS RETURNS				
Total United States:	*Thousands*	*1,000 pounds*	*1,000 gallons*	*1,000 pounds*
1859	-------	40,120	1,598	52,901
1869	-------	28,444	921	35,812
1879	-------	36,576	1,796	50,944
1889	-------	32,953	2,258	51,020
1899	-------	11,920	2,057	28,382
1909	18,000	14,024	4,106	46,912
1919	17,457	9,692	3,508	37,754
DEPARTMENT OF AGRICULTURE [2]				
Total:				
1920	18,895	7,324	3,580	35,960
1921	15,114	4,730	2,386	23,820
1922	16,274	5,147	3,640	34,263
1923	15,291	4,685	3,605	33,533
1924	15,407	4,078	3,903	35,302
1925	15,313	3,236	3,089	27,948
1926	15,245	3,577	3,900	34,776
1927	14,603	3,236	3,672	32,612
1928 [3]	14,388	2,388	3,013	26,492
Maine:				
1925	320	22	51	432
1926	304	20	61	517
1927	310	15	60	495
1928 [3]	304	3	38	307
New Hampshire:				
1925	798	227	161	1,516
1926	790	233	198	1,817
1927	822	289	164	1,601
1928 [3]	806	274	137	1,370
Vermont:	*Thousands*	*1,000 pounds*	*1,000 gallons*	*1,000 pounds*
1925	5,554	1,794	956	9,442
1926	5,554	1,602	980	9,442
1927	5,665	1,694	1,417	13,030
1928 [3]	5,722	1,133	1,038	9,437
Massachusetts:				
1925	272	126	56	571
1926	272	128	86	816
1927	277	132	75	732
1928 [3]	280	134	67	670
New York:				
1925	3,998	624	896	7,792
1926	3,958	1,168	1,128	10,192
1927	3,830	733	1,002	8,749
1928 [3]	3,647	549	718	6,203
Pennsylvania:				
1925	696	208	191	1,736
1926	696	223	251	2,231
1927	626	148	139	1,260
1928 [3]	607	67	157	1,323
Ohio:				
1925	1,747	122	341	2,850
1926	1,700	68	578	4,602
1927	1,666	134	480	4,046
1928 [3]	1,583	120	486	4,017
Michigan:				
1925	838	75	179	1,507
1926	803	100	300	2,503
1927	828	72	172	1,448
1928 [3]	869	70	208	1,734
Wisconsin:				
1925	575	28	110	908
1926	575	18	155	1,258
1927	570	19	154	1,251
1928 [3]	570	20	164	1,341

[1] 1 gallon of sirup taken as equivalent to 8 pounds of sugar.
[2] Totals cover the 9 States listed, except that for 1920 to 1923 Connecticut, which produced only a negligible quantity of sugar and sirup, and prior to 1927 Indiana, are included. The 11 States included for 1920 to 1923 produced 97.1 per cent of the maple sugar and 97.2 per cent of the maple sirup made in the United States in 1919, and had 98.1 per cent of the trees tapped as reported by the Bureau of the Census.
[3] Preliminary.

No. 672.—SUGAR CANE AND SIRUP IN SOUTHERN STATES

Note.—Sorghum, sometimes confused with sugar cane, is not included. For molasses, a by-product of sugar refineries and not included in this table, see Table 669

State and year	Cane harvested for sirup	Sirup produced
All States:	*Acres*	*1,000 gallons*
1920	174,100	38,980
1921	210,200	41,167
1922	214,300	41,611
1923	200,000	33,020
1925	125,000	20,400
1926	132,000	22,172
1927	114,000	20,839
1928	113,000	21,783
South Carolina:		
1926	5,000	700
1927	7,000	980
1928	6,000	750
Georgia:		
1926	35,000	6,125
1927	34,000	5,100
1928	26,000	4,060
Florida:		
1926	10,000	2,100
1927	9,000	1,647
1928	8,000	1,440
Alabama:	*Acres*	*1,000 gallons*
1926	20,000	3,300
1927	18,000	2,430
1928	16,000	1,872
Mississippi:		
1926	14,000	2,870
1927	17,000	3,655
1928	18,000	3,600
Louisiana:		
1926	34,000	4,516
1927	15,000	4,787
1928	23,000	8,061
Texas:		
1926	11,000	2,150
1927	12,000	2,040
1928	11,000	1,760
Arkansas:		
1926	3,000	405
1927	2,000	200
1928	2,000	240

Source of Tables 671 and 672. Bureau of Agricultural Economics, Department of Agriculture, except data for 1859 to 1919, Table 671, which are from the Bureau of the Census, Department of Commerce.

No. 673.—COTTONSEED AND COTTONSEED PRODUCTS: PRODUCTION, VALUE, AND EXPORTS

NOTE.—Data relate to 12 months ended July 31, except exports, which are for 12 months ended June 30 of year indicated in stub. Tons are of 2,000 pounds

Yearly average or year ended July 31 or June 30—	Cottonseed		Cottonseed products														
			Production				Value					Value per unit				Exports	
	Production	Used in mills	Oil	Meal and cake	Hulls	Linters	All products	Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake
	1,000 tons	*1,000 tons*	*1,000 pounds*	*1,000 tons*	*1,000 tons*	*Bales* [1]	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents per lb.*	*Dollars per ton*	*Dollars per ton*	*Cents per pound*	*1,000 pounds*	*1,000 tons*
1881–1890	3,018	553	165,810	193			12,064	7,864	4,300			4.7	22.25			34,038	
1891–1900	4,280	1,625	483,015	570	[2] 1,169	114,544	25,580	13,348	11,733	[2] 3,190	[2] 1,800	2.8	20.58	[2] 2.73	3.1	191,157	[3] 388
1901–1905	5,139	3,085	890,745	1,130	1,382	167,327	65,148	34,038	22,824	5,400	2,886	3.8	20.19	3.91	3.4	297,888	548
1906–1910	5,258	3,296	99,450	1,339	1,215	282,064	83,424	40,432	32,236	7,242	3,514	40.7	24.07	6.06	2.5	311,463	578
1911–1915	6,353	4,847	1,466,940	2,162	1,527	595,225	143,766	75,334	51,580	10,126	6,526	5.1	23.86	6.63	2.2	290,311	551
1916–1920	5,116	4,285	1,302,050	2,041	1,093	943,474	312,781	179,249	92,191	14,845	26,496	13.8	45.18	13.58	5.6	172,877	301
1921–1925	4,878	3,646	1,125,196	1,654	1,082	578,384	177,947	91,147	61,141	11,539	14,120	8.1	37.10	10.87	4.6	106,371	258
1914	6,305	4,848	1,449,975	2,220	1,400	660,087	159,670	81,020	59,810	11,210	7,630	5.6	26.94	8.00	2.3	192,963	400
1915	7,186	5,780	1,719,450	2,648	1,677	820,274	152,880	80,540	57,740	8,450	6,150	4.7	21.81	5.04	1.5	318,367	740
1916	4,992	4,202	1,253,325	1,923	1,220	889,577	180,260	87,940	53,860	12,340	26,120	7.0	28.01	10.11	2.9	266,512	529
1917	5,113	4,479	1,407,660	2,225	969	1,273,345	287,192	153,419	74,586	13,994	45,193	10.9	33.52	14.44	7.1	158,986	575
1918	5,040	4,252	1,312,470	2,068	996	1,080,802	360,736	217,902	97,352	18,878	26,604	16.6	47.08	18.95	4.9	100,780	22
1919	5,360	4,479	1,325,333	2,170	1,137	889,500	383,580	227,316	116,119	17,917	22,228	17.2	53.51	15.76	5.0	178,700	156
1920	5,074	4,013	1,211,464	1,817	1,143	584,146	352,138	209,668	119,039	11,095	12,336	17.3	65.51	9.71	4.2	159,400	225
1921	5,971	4,069	1,309,183	1,786	1,256	422,226	156,513	84,650	58,298	10,059	3,506	6.5	32.64	8.00	1.7	283,268	227
1922	3,531	3,008	930,475	1,355	937	383,547	136,974	71,508	49,898	8,949	6,619	7.7	36.84	9.55	3.5	91,615	266
1923	4,336	3,242	1,002,922	1,487	944	584,177	173,254	84,818	59,037	12,200	17,199	8.5	39.70	12.93	5.9	64,292	227
1924	4,502	3,308	979,617	1,518	941	642,348	182,137	88,093	59,300	12,737	22,007	9.0	39.06	13.54	6.9	39,429	125
1925	6,051	4,605	1,403,781	2,126	1,331	859,624	240,855	126,665	79,173	13,749	21,268	9.0	37.24	10.33	4.9	53,261	443
1926	7,150	5,558	1,617,015	2,597	1,547	1,068,919	256,027	138,652	81,508	12,649	23,218	8.6	31.39	8.17	4.3	63,230	358
1927	7,989	6,306	1,887,910	2,840	1,854	1,112,019	240,284	142,242	72,476	8,882	16,684	7.5	25.52	4.79	3.0	57,580	495
1928	5,758	4,654	1,476,609	2,093	1,320	977,870	247,827	132,372	80,582	9,995	24,878	9.0	38.50	7.57	5.1	61,470	332
Alabama	530	297	95,534	133	87	59,069	16,015	8,732	5,010	752	1,521	9.1	37.67	8.64	5.2		
Arkansas	444	309	102,616	126	96	65,784	16,515	9,112	4,955	594	1,854	8.9	39.33	6.19	5.6		
Georgia	488	445	147,753	199	128	95,139	24,341	13,505	7,452	1,079	2,305	9.1	37.45	8.43	4.9		
Louisiana	243	165	53,110	72	48	34,468	8,615	4,759	2,637	357	862	9.0	36.63	7.44	5.1		
Mississippi	602	555	184,984	233	161	119,197	30,801	16,797	8,998	1,074	3,932	9.1	38.62	6.67	6.6		
North Carolina	382	303	100,281	139	78	59,082	16,335	8,985	5,277	569	1,504	9.0	37.96	7.29	5.1		
Oklahoma	461	383	117,577	183	103	75,582	20,019	10,264	7,282	701	1,772	8.7	39.79	6.81	4.7		
South Carolina	324	212	69,064	99	52	49,801	11,729	6,147	3,832	464	1,286	8.9	38.71	8.92	5.1		
Tennessee	159	265	86,480	108	82	64,501	14,641	7,973	4,300	556	1,812	9.2	39.81	6.78	5.6		
Texas	1,940	1,556	466,822	723	443	323,928	79,877	41,267	27,920	3,510	7,180	8.8	38.62	7.92	4.4		
Other States	185	163	52,388	78	44	31,319	8,939	4,831	2,919	339	850	9.2	37.42	7.70	5.5		

[1] Of 500 pounds net. [2] Figures for 1900. [3] Six-year average, 1895–1900. Source: Bureau of the Census, Department of Commerce.

No. 674.—COTTON: Production, Consumption, Exports, Imports, and Prices

NOTE.—All quantities in thousands of bales, reduced to equivalent of 500 pounds, gross weight. Production statistics relate to the growth year indicated in the stub. Other statistics for the most part relate to the 12-month period roughly corresponding to the marketing of the crop; there have been minor variations from time to time in the periods covered. An exception appears in the price statistics from 1902 to 1909 which represent marketings of the preceding crop up to Mar. 31. Prices for 1902 to 1909 represent the average grade at New Orleans. Prices from 1910 to date represent average price on the farm of all lint cotton throughout the country. Production, consumption, and exports include linters

Year or yearly average (growth year)	Production	Consumption	Domestic exports	Net imports	Year (growth year)	Production	Consumption	Domestic exports	Net imports
1790	3	11	(1)	1	1906	13,595	4,974	8,825	203
1800	73	19	32	9	1907	11,375	4,493	7,780	141
1810	178	36	124	(1)	1908	13,587	5,199	8,890	165
1820	335	100	250	(1)	1909	10,315	4,759	6,492	151
					1910	12,006	4,713	8,026	231
1830	732	130	554	(1)					
1840	1,348	245	1,060	1	1911	16,250	5,400	11,081	229
1850	2,136	423	1,854	(1)	1912	14,313	5,867	9,199	225
1860	3,841	842	615	------	1913	14,795	5,943	9,256	266
1870	4,025	1,027	2,923	2	1914	16,992	6,087	8,931	364
					1915	12,123	7,327	6,406	421
1866–1875	3,104	1,007	2,164	3					
1876–1885	5,452	1,708	3,721	6	1916	12,781	7,721	5,064	288
1886–1895	7,636	2,473	5,174	52	1917	12,428	7,555	4,587	217
1896–1900	10,133	3,455	6,907	115	1918	12,970	6,289	5,843	197
					1919	12,029	6,808	6,761	683
1901–1905	11,007	4,330	7,210	141	1920	13,880	5,478	6,026	211
1906–1910	12,176	4,828	8,002	178					
1911–1915	14,895	6,125	8,975	301	1921	8,351	6,560	6,479	352
1916–1920	12,817	6,770	5,836	319	1922	10,370	7,350	5,049	450
1921–1925	12,247	6,864	6,855	338	1923	10,808	6,225	5,936	272
					1924	14,488	6,878	8,435	303
1901	9,676	4,080	6,870	190	1925	17,219	7,307	8,377	314
1902	10,827	4,187	6,914	149					
1903	10,046	3,981	6,234	100	1926	19,135	8,178	11,587	382
1904	13,680	4,523	9,057	130	1927	13,972	7,829	8,080	321
1905	10,805	4,877	6,975	133	1928 (prel.)	15,760	8,215	8,637	442

AVERAGE PRICE, UPLAND LINT COTTON, CENTS PER POUND

1790	26.0	1901–1905	9.6	1912	11.5	1927	20.2
1800	44.0	1906–1910	11.8	1913	12.5	1928	18.0
1810	15.5	1911–1915	10.4	1914	7.3		
1820	14.3	1916–1920	24.9	1915	11.2	1928:	
1830	9.7	1921–1925	22.2	1916	17.3	August	18.8
						September	17.6
1840	9.5	1901	8.1	1917	27.1	October	18.1
1850	12.1	1902	8.2	1918	28.8	November	17.8
1860	13.0	1903	12.2	1919	35.4	December	18.0
1870	17.0	1905	10.9	1920	15.8	1929:	
1871–1875	16.7	1906	10.0	1921	16.9	January	17.9
						February	18.0
1876–1880	11.4	1907	11.5	1922	22.9	March	18.8
1881–1885	10.7	1908	9.2	1923	28.7	April	18.5
1886–1890	10.3	1909	14.3	1924	22.9	May	18.0
1891–1895	7.5	1910	14.0	1925	19.6	June	17.9
1896–1900	6.9	1911	9.6	1926	12.5	July	17.8

[1] Less than 500 bales.

Source: Bureau of the Census. See Bulletin 164, p. 53, of that bureau for original sources.

No. 675.—EXPORTS OF UNITED STATES COTTON (INCLUDING LINTERS)

Yearly average or year ended June 30—	Total value (thousands of dollars)	Quantity in thousands of equivalent 500-pound bales, exported to—									
		All countries	Total Europe	United Kingdom	Germany	France	Italy	Spain	Belgium	Japan	Canada
1866–1875	205,285	1,983	1,972	1,433	142	227	17	56	11	-------	4
1876–1885	200,146	3,594	3,553	2,311	336	421	54	125	28	-------	21
1886–1895	227,678	5,121	5,020	2,951	844	536	162	192	120	[1] 8	64
1896–1900	220,557	6,465	6,163	2,968	1,523	715	367	239	122	167	96
1901–1905	334,256	7,097	6,769	3,096	1,812	778	431	251	139	158	113
1906–1910	437,582	7,850	7,508	3,243	2,180	956	486	252	130	183	133
1911–1915	537,044	9,318	8,706	3,804	2,196	1,031	648	327	164	363	165
1916–1920	765,515	5,920	4,972	2,706	-------	795	614	310	-------	661	211
1921–1925	764,101	6,386	5,405	1,863	1,390	764	584	272	186	713	189
1914	610,475	9,522	8,972	3,582	2,884	1,139	537	297	227	353	151
1915	376,218	8,807	8,028	3,920	294	693	1,127	465	5	429	183
1916	374,186	6,168	5,273	2,761	-------	890	837	340	-------	503	198
1917	543,075	6,176	5,328	2,895	-------	1,056	687	394	-------	531	187
1918	655,025	4,641	3,783	2,387	-------	659	369	259	-------	584	250
1919	873,580	5,526	4,497	2,494	-------	774	558	281	73	809	203
1920	1,381,708	7,087	5,977	3,445	421	596	617	275	210	876	217
1921	600,186	5,623	4,775	1,787	1,152	591	558	261	166	555	169
1922	596,379	6,718	5,476	1,807	1,617	820	469	342	186	895	201
1923	658,983	5,253	4,314	1,403	946	704	572	250	186	679	217
1924	903,975	5,899	5,129	1,695	1,346	751	564	216	169	584	152
1925	1,060,980	8,439	7,332	2,623	1,892	951	756	290	224	850	207
1926	917,720	8,212	6,713	2,298	1,690	944	745	315	203	1,118	254
1927	866,923	11,560	9,071	2,673	2,982	1,089	845	364	298	1,644	281
1928	820,537	8,120	6,640	1,465	2,222	940	715	321	221	1,007	246

[1] 5-year average, 1891–1895.

No. 676.—COFFEE: Imports and Reexports

Note.—Imports and reexports in thousands of pounds.—Years ended June 30 through 1918; thereafter calendar years. Imports represent imports from foreign countries and from territories and possessions into continental United States, and reexports represent exports from continental United States to foreign countries and outlying territories and possessions

Yearly average or year	Imports	Reexports	Net imports per capita, pounds	Average import price per pound, cents	Year	Imports	Reexports	Net imports per capita, pounds	Average import price per pound, cents
1830	51,488	13,125	2.99	8.3	1899	831,827	30,070	10.72	6.5
1840	94,996	8,698	5.04	8.8	1900	787,992	39,191	9.84	6.7
1850	145,273	15,481	5.58	7.6	1901	857,018	45,835	10.43	7.4
1851–1860	203,190	14,710	6.78	9.0	1902	1,092,344	35,125	13.32	6.4
1861–1870	173,290	8,229	4.66	10.5	1903	923,254	48,849	10.80	6.6
1871–1880	331,925	7,911	7.19	14.7	1904	998,677	36,102	11.67	7.0
1881–1890	513,039	24,725	8.52	10.8	1905	1,046,028	37,087	11.98	8.1
1891–1895	585,270	8,788	8.61	[1] 16.8	1906	853,800	19,133	9.72	8.6
1896–1900	761,715	21,819	10.07	8.9	1907	986,596	11,627	11.15	7.9
1901–1905	983,464	40,400	11.65	7.1	1908	892,092	17,115	9.82	7.6
1906–1910	931,644	15,326	10.29	7.9	1909	1,051,750	15,188	11.43	7.5
1911–1915	952,906	21,493	9.65	11.5	1910	873,984	13,569	9.33	7.9
1916–1920 [2]	1,227,214	67,382	11.20	-------	1911	878,322	8,371	9.29	10.3
1921–1925	1,343,579	40,594	11.67	-------	1912	887,748	7,196	9.26	13.3
1881	455,190	31,913	8.21	12.5	1913	866,054	7,135	8.90	13.8
1882	459,923	24,343	8.25	10.0	1914	1,006,362	13,811	10.14	11.1
1883	515,879	37,376	8.84	8.2	1915	1,126,042	70,953	10.62	9.6
1884	534,786	26,153	9.18	9.3	1916	1,203,841	75,818	11.20	9.6
1885	572,600	33,335	9.52	8.2	1917	1,322,059	57,503	12.38	10.1
1886	564,708	27,496	9.27	7.6	1918	1,145,956	65,598	10.43	9.0
1887	526,109	25,290	8.46	10.7	1918 (6 mos.)	436,771	23,815	-------	10.0
1888	423,646	15,083	6.75	14.0	1919	1,341,306	93,021	11.89	19.5
1889	578,397	17,265	9.08	13.0	1920	1,299,743	54,846	11.70	19.5
1890	499,159	8,997	7.77	16.0	1921	1,345,367	41,821	12.02	10.7
1891	519,528	8,487	7.94	[1] 19.0	1922	1,248,938	35,576	11.04	12.9
1892	640,211	10,539	9.59	[1] 20.0	1923	1,412,233	31,899	12.36	13.5
1893	563,469	12,074	8.23	14.0	1924	1,423,758	39,213	12.17	17.5
1894	550,934	3,865	8.01	16.4	1925	1,287,601	27,833	10.92	22.3
1895	652,209	8,974	9.24	14.7	1926	1,495,517	26,629	12.54	21.6
1896	580,598	7,926	8.08	14.6	1927	1,444,124	24,029	11.97	18.5
1897	737,646	13,086	10.04	11.1	1928	1,460,871	19,379	12.01	21.3
1898	870,514	18,823	11.59	7.5					

[1] Overvalued, due to depreciation of Brazilian paper milreis. [2] Average, July 1, 1915, to Dec. 31, 1920.

Source Tables 675 and 676: Bureau of Foreign and Domestic Commerce.

No. 677.—TEA: Net Imports

NOTE.—Quantity, except per capita, in thousands of pounds; value in thousands of dollars; per capita in pounds. Years ended June 30 through 1918; thereafter, calendar years. Beginning 1919, data relate to trade of continental United States only; see headnote, Table 676; prior to that time the small trade between the United States and noncontiguous territories is not included

Yearly average or year	Quantity	Value	Per capita	Yearly average or year	Quantity	Value	Per capita	Year	Quantity	Value	Per capita
1830	95,199	1,532	0.54	1916–1920 [1]	106,988	22,528	1.03	1919	65,074	15,056	0.62
1840	6,873	4,067	.99	1921–1925	92,202	30,829	.83	1920	87,801	23,408	.83
1850	16,883	3,982	1.21	1910	83,208	13,349	.90	1921	75,002	13,797	.69
1851–1860	28,200	5,361	.76	1911	99,367	17,166	1.06	1922	93,888	23,067	.85
1861–1870	21,028	8,969	.91	1912	100,395	18,057	1.06	1923	102,157	28,860	.91
1871–1880	32,394	18,550	1.32	1913	93,911	17,295	.97	1924	90,567	26,608	.80
1881–1890	59,536	15,071	1.34	1914	90,148	16,599	.92	1925	99,467	30,957	.86
1891–1895	76,534	13,689	1.34	1915	92,174	16,763	.93	1926	94,512	30,855	.81
1896–1900	89,675	11,357	1.17	1916	109,075	20,442	1.08	1927	87,396	27,601	.74
1901–1905	86,217	13,849	1.18	1917	102,739	19,068	1.01	1928	88,843	26,815	.75
1906–1910	95,814	15,211	1.05	1918	147,379	20,469	1.42				
1911–1915	93,595	17,176	0.99	1918 [2]	76,365	16,461					

[1] Average for period July 1, 1915, to Dec. 31, 1920. [2] June 30 to Dec. 31, 1918.

No. 678.—COCOA AND CHOCOLATE: Imports

NOTE.—Quantity in thousands of pounds; value in thousands of dollars. For data covering additional and fiscal years see Statistical Abstract, 1924, Table 577

Yearly average or year [1]	Cocoa and chocolate, prepared or manufactured [2]		Year [1]	Cocoa and chocolate, prepared or manufactured [2]		Year [1]	Cocoa and chocolate, prepared or manufactured [2]	
	Quantity	Value		Quantity	Value		Quantity	Value
1871–1880 [3]	5,132	706	1905	77,383	9,484	1917	390,838	41,674
1881–1890	13,504	1,891	1906	84,127	9,699	1918	360,015	37,972
1891–1900	29,408	4,120	1907	97,060	14,579	1919	392,365	58,342
1901–1905	63,600	8,260	1908	86,605	15,284	1920	344,986	54,811
1906–1910	102,304	13,378	1909	32,661	15,562	1921	306,568	23,566
1911–1915	161,473	19,002	1910	111,070	11,966	1922	347,010	32,571
1916–1920	346,583	45,480	1911	140,970	15,261	1923	416,818	34,396
1921–1925	367,907	32,019	1912	148,786	16,590	1924	382,029	30,152
1901	47,620	6,904	1913	143,510	18,177	1925	387,108	39,412
1902	52,879	7,054	1914	179,373	21,504	1926	433,117	44,227
1903	65,047	8,257	1915	194,734	23,478	1927	431,049	58,291
1904	75,071	9,601	1916	244,911	34,602	1928	388,635	49,216

[1] Fiscal years through 1915; calendar years thereafter. [2] Not including confectionery.
[3] Includes 3-year average for quantity of chocolate and 9-year average for its value.

No. 679.—SILK AND SILK MANUFACTURES: Foreign Trade

[Quantity in thousands of pounds; value, except average price per pound, in thousands of dollars]

Yearly average or year [1]	Unmanufactured silk, imports			Silk manufactures, value		Year [1]	Unmanufactured silk, imports			Silk manufactures, value	
	Quantity	Value	Average price per pound	Imports [2]	Exports		Quantity	Value	Average price per pound	Imports [2]	Exports
1871–1880 [3]	1,340	6,390	$4.77	27,063	53	1911	26,666	74,998	$2.81	28,864	1,569
1881–1890	5,328	16,775	3.15	34,162	83	1912	26,585	69,542	2.62	24,561	2,009
1891–1900	9,259	26,843	2.90	29,775	268	1913	32,102	84,915	2.65	27,596	2,401
1901–1905	15,798	45,968	2.91	32,215	425	1914	34,546	100,930	2.92	35,458	2,316
1906–1910	20,281	67,414	3.32	33,725	835	1915	31,053	83,131	2.68	26,050	2,754
1911–1915	30,190	82,703	2.74	28,306	2,210	1916	40,872	149,785	3.66	37,110	6,363
1916–1920	45,641	235,332	5.16	47,121	16,735	1917	43,428	189,753	4.37	30,763	8,608
1921–1925	62,030	356,287	5.74	40,941	12,992	1918	48,721	194,199	3.99	28,569	17,982
1901	10,406	30,051	2.89	27,031	254	1919	55,522	341,887	6.16	54,746	23,903
1902	14,235	42,635	3.00	32,888	312	1920	39,660	301,038	7.59	75,419	26,821
1903	15,271	50,011	3.27	36,168	432	1921	52,332	264,723	5.06	48,276	9,672
1904	16,723	46,101	2.76	32,173	497	1922	58,467	371,629	6.36	37,413	11,824
1905	22,357	61,040	2.73	32,813	630	1923	61,954	401,655	6.48	44,597	11,136
1906	17,352	54,081	3.12	33,138	609	1924	60,603	335,041	5.53	37,699	14,148
1907	18,744	71,412	3.81	38,903	708	1925	76,795	408,386	5.32	36,719	18,182
1908	16,662	64,547	3.87	32,968	770	1926	77,666	402,676	5.18	40,570	17,788
1909	25,188	79,904	3.17	30,719	926	1927	86,344	399,088	4.62	42,234	15,298
1910	23,457	67,130	2.86	32,898	1,162	1928	88,263	373,331	4.23	41,298	18,648

[1] Fiscal years through 1915; calendar thereafter. [2] Includes artificial silk prior to 1911. [3] Raw silk.

Source of Tables 677, 678, and 679: Bureau of Foreign and Domestic Commerce.

No. 680.—RUBBER: World Production and United States Imports

Note.—For value of imports see Table 560. Tons are of 2,240 pounds

Year	World production			United States				Average price per pound, New York	
	Total	Plantation	Total wild (mainly tropical America and Africa)	Imports[1]	Reexports	Retained		Fine para	Ribbed smoked sheet
						Amount	Share of world production		
	Long tons	*Long tons*	*Long tons*	*Long tons*	*Long tons*	*Long tons*	*Per cent*	*Dollars*	*Dollars*
1905	59,494	174	59,320	28,637	1,616	27,021	45.4	1.243	----------
1906	62,581	577	62,004	30,316	1,676	28,640	45.8	1.213	----------
1907	67,170	1,157	66,013	30,649	1,832	28,817	42.9	1.063	----------
1908	66,566	1,796	64,770	34,058	1,655	32,403	48.7	.871	----------
1909	73,756	3,386	70,370	41,950	2,156	39,794	54.0	1.481	----------
1910	93,950	10,916	83,034	45,003	2,749	42,254	45.0	1.908	2.066
1911	94,055	17,501	159,588	44,424	2,523	41,901	44.6	1.110	1.413
1912	114,276	33,306	80,970	58,435	2,456	55,979	49.0	1.052	1.216
1913	120,123	53,644	66,479	53,906	1,881	52,025	43.3	.807	.820
1914	123,173	74,587	48,586	64,884	2,618	62,266	50.6	.616	.653
1915	170,826	116,370	54,456	101,093	2,082	99,011	58.0	.557	.659
1916	214,089	161,842	52,247	121,709	4,098	117,611	54.9	.669	.725
1917	278,140	221,452	56,688	183,255	4,000	179,255	64.4	.648	.722
1918	219,684	181,061	38,623	146,132	2,746	143,386	65.3	.549	.602
1919	399,731	348,990	50,741	240,689	2,282	238,407	59.6	.483	.487
1920	342,033	305,106	36,927	253,680	4,160	249,520	73.0	.333	.363
1921	301,512	277,516	23,996	185,452	5,716	179,736	59.6	.182	.163
1922	406,304	379,520	26,874	301,203	4,809	296,394	72.9	.183	.175
1923	408,641	380,058	28,583	310,299	8,772	301,527	73.8	.248	.295
1924	425,991	394,037	31,954	329,322	10,309	319,013	74.9	.212	.262
1925	528,485	488,825	39,660	400,423	14,827	385,596	73.1	.569	.725
1926	623,265	582,163	41,102	417,643	17,671	399,972	64.0	.380	.487
1927	612,564	568,133	44,431	431,246	27,775	403,471	66.0	.268	.381
1928	[2] 658,000	[2] 626,181	[2] 31,819	439,732	32,159	407,573	61.9	.186	.226

[1] Includes guayule. [2] Preliminary estimates.

Source: Bureau of Foreign and Domestic Commerce (compiled from various original sources); prices, Bureau of Labor Statistics, Department of Labor.

No. 681.—SPRING AND WINTER WHEAT: Acreage and Production

[Acreage in thousands and production in thousands of bushels]

Year	Winter wheat				Spring wheat		
	Acreage		Production	Yield per acre (bushels)	Acreage	Production	Yield per acre (bushels)
	Sown	Harvested					
1911	32,648	29,162	430,656	14.8	20,381	190,682	9.4
1912	33,229	26,571	399,919	15.1	19,243	330,348	17.2
1913	33,274	31,699	523,561	16.5	18,485	239,819	13.0
1914	37,158	36,008	684,990	19.0	17,533	206,027	11.8
1915	42,431	41,308	673,947	16.3	19,161	351,854	18.4
1916	39,245	34,709	480,553	13.8	17,607	155,765	8.8
1917	38,359	27,257	412,901	15.1	17,832	223,754	12.5
1918	43,126	37,130	565,099	15.2	22,051	356,339	16.2
1919	51,483	50,494	760,377	15.1	25,200	207,602	8.2
1920	44,861	40,016	610,597	15.3	21,127	222,430	10.5
1921	45,625	43,414	600,316	13.8	20,282	214,589	10.6
1922	47,030	42,358	586,878	13.8	19,959	280,720	14.1
1923	46,091	39,508	571,777	14.5	20,151	225,617	11.2
1924	38,916	35,656	592,259	16.6	16,879	272,169	16.1
1925	39,951	31,346	402,070	12.8	21,021	274,695	13.1
1926	39,887	36,987	627,433	17.0	19,372	203,948	10.5
1927	43,373	37,723	552,747	14.7	21,061	325,627	15.5
1928 (preliminary)	47,280	36,179	578,964	16.0	21,545	323,785	15.0

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 682.—WHEAT: Supply and Distribution and Per Capita Disappearance for Food, Etc., in Continental United States

[All quantities, except per capita, in thousands of bushels]

Item	Year beginning July 1—						
	1899–1908, average	1909–1913, average	1914–1920, average	1921–1925, average	1926	1927	1928
Supply, total	791, 629	782, 287	951, 935	923, 866	952, 874	1, 026, 003	1,060,679
On hand July 1:							
Stocks on farms	46, 423	28, 872	32, 631	37, 050	20, 973	27, 215	23, 729
Stocks in country mills and elevators [1]	27, 000	29, 000	26, 997	30, 991	29, 501	21, 776	19, 277
Commercial visible (Bradstreet's)	31, 817	24, 168	19, 290	25, 519	16, 484	25, 516	42, 208
Stocks of flour (in terms of wheat) [1]	7, 709	8, 305	8, 606	8, 676	9, 757	9, 076	9, 019
In merchant mills and elevators	--------	--------	--------	--------	24, 505	37, 038	31, 920
In transit	--------	--------	--------	--------	7, 350	11, 274	10, 893
New crop	677, 927	690, 108	844, 605	804, 148	831, 040	878, 374	902, 191
Imports (flour included)	753	1, 834	19, 806	17, 473	13, 264	15, 734	21, 442
Accounted-for distribution, total	331, 408	280, 519	437, 581	394, 575	443, 698	441, 026	510, 872
Exports (flour included)	156, 435	107, 103	257, 030	207, 237	219, 160	206, 259	163, 670
Reexports	399	195	562	221	98	53	55
Shipments (flour included) to Alaska, Hawaii, and Porto Rico	[2] 2, 034	2, 549	2, 546	2, 836	3, 082	2, 690	72
Estimated seed requirements	70, 444	72, 326	88, 312	86, 849	88, 919	94, 978	88, 457
Carry over at end of year:							
On farms	40, 654	32, 485	36, 127	29, 913	27, 215	23, 729	44, 741
In country mills and elevators [1]	25, 400	31, 600	26, 449	31, 457	21, 776	19, 277	40, 136
Commercial visible (Bradstreets)	28, 668	25, 326	18, 265	26, 822	25, 516	42, 208	95, 684
Flour (in terms of wheat)	7, 374	8, 935	8, 290	9, 240	9, 076	9, 019	13, 541
In merchant mills and elevators	--------	--------	--------	--------	37, 038	31, 920	48, 279
In transit	--------	--------	--------	--------	11, 274	10, 893	16, 237
Disappearance for food, feed, and loss	460, 221	501, 768	514, 354	529, 291	509, 720	584, 977	549, 807
Per capita (bushels)	5. 6	5. 3	5. 0	4. 7	4. 3	4. 9	4. 6

[1] From Chicago Daily Trade Bulletin. Stocks in country mills and elevators, from 1899–1918, are stocks in second hands less visible supply on July 1, as given by Chicago Daily Trade Bulletin.

[2] 7-year average.

Source: Compiled from various sources by the Bureau of Agricultural Economics, Department of Agriculture.

No. 683.—VISIBLE SUPPLY OF GRAIN IN UNITED STATES: As Reported on Saturday Nearest the First of Each Month

[All figures in thousands of bushels]

WHEAT [1]

Year beginning July 1—	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
1909–1913, avg	24, 168	28, 569	37, 458	48, 202	56, 838	63, 908	66, 229	62, 228	58, 419	53, 802	43, 857	34, 183
1914–1920, avg	19, 290	24, 822	38, 946	55, 865	69, 909	76, 250	75, 530	69, 586	60, 014	49, 475	35, 591	27, 728
1921–1925, avg	25, 519	34, 513	52, 612	64, 541	66, 786	67, 445	68, 605	62, 988	59, 746	52, 365	43, 975	35, 777
1924	38, 597	46, 193	79, 700	92, 353	100, 712	108, 997	99, 121	84, 476	76, 437	62, 766	49, 529	[2] 38, 328
1925	29, 285	34, 041	39, 800	56, 639	52, 394	52, 686	59, 244	52, 730	48, 105	38, 173	33, 798	23, 170
1926	16, 486	34, 575	72, 884	84, 724	81, 175	78, 910	70, 811	62, 317	61, 271	53, 827	42, 402	31, 115
1927	25, 516	37, 533	71, 908	88, 755	98, 675	100, 013	94, 336	83, 720	77, 949	73, 220	66, 184	52, 460
1928	42, 208	66, 762	96, 798	118, 327	143, 003	145, 234	146, 813	133, 759	130, 034	128, 339	116, 559	99, 966

CORN [2]

Year beginning Nov. 1—	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1909–1913, avg	3, 352	2, 088	7, 342	10, 406	15, 165	16, 233	8, 358	4, 650	7, 980	4, 583	3, 566	5, 444
1914–1920, avg	3, 763	2, 953	6, 909	12, 521	17, 069	18, 949	13, 827	9, 059	8, 509	6, 140	4, 048	5, 245
1921–1925, avg	7, 679	7, 861	17, 054	23, 496	31, 478	34, 183	26, 334	17, 732	16, 882	11, 558	8, 053	8, 853
1924	8, 097	7, 563	18, 573	27, 571	32, 292	32, 727	23, 379	17, 140	13, 094	6, 093	6, 524	5, 470
1925	1, 790	2, 461	17, 861	28, 092	33, 878	36, 485	32, 408	25, 453	30, 333	24, 930	19, 771	17, 381
1926	22, 258	28, 699	34, 712	38, 792	45, 103	47, 244	36, 621	29, 961	34, 427	30, 205	22, 312	23, 687
1927	20, 574	19, 216	27, 034	31, 849	40, 998	43, 865	33, 556	25, 496	16, 008	13, 267	9, 516	6, 791
1928	2, 030	6, 419	17, 146	26, 042	33, 302	34, 150	25, 687	14, 259	13, 054	8, 751	5, 417	--------

[1] Bradstreet's.

[2] Chicago Board of Trade.

No. 683.—Visible Supply of Grain in United States: As Reported on Saturday Nearest the First of Each Month—Continued

OATS [2]

Year beginning Aug. 1—	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
1909-1913, avg.	7,185	13,460	18,525	19,024	17,969	10,286	14,857	14,521	13,869	10,748	7,866	7,894
1914-1920, avg.	7,879	14,984	23,791	26,613	28,498	28,660	26,513	25,203	23,404	20,717	17,141	13,698
1921-1925, avg.	21,818	34,206	47,372	51,211	50,468	51,075	50,611	49,003	43,706	36,706	28,498	25,539
1924	3,086	11,403	52,715	66,564	67,265	72,128	73,570	72,386	61,104	48,082	35,331	33,263
1925	26,298	50,706	65,818	64,926	64,251	63,187	63,076	58,974	52,023	47,025	38,976	37,900
1926	33,772	43,671	48,450	48,097	48,283	44,927	45,422	43,454	37,145	29,573	20,502	17,790
1927	12,001	21,501	24,931	23,857	23,252	21,907	20,350	19,791	15,746	11,168	7,086	3,225
1928	2,377	13,376	15,193	14,472	13,295	13,968	13,611	14,898	12,609	10,276	9,280	7,430

[2] Chicago Board of Trade.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 684.—EXPORTS (EXCLUDING REEXPORTS) AND IMPORTS OF WHEAT, CORN, RICE, TOBACCO, AND FLAXSEED

Yearly average or year ended June 30—	Exports [1]			Imports—wheat and flour [2]	Year ended June 30—	Exports [1]			Imports—wheat and flour [2]
	Wheat (grain)	Wheat flour	Wheat and flour [2]			Wheat (grain)	Wheat flour	Wheat and flour [2]	
	1,000 bushels	*1,000 barrels*	*1,000 bushels*	*1,000 bushels*		*1,000 bushels*	*1,000 barrels*	*1,000 bushels*	*1,000 bushels*
1852-1856	4,715	2,892	19,173	4,178	1914	92,394	11,821	145,590	2,384
1857-1861	12,378	3,318	28,970	2,617	1915	259,643	16,183	332,465	715
1862-1866	22,530	3,531	40,184	-------	1916	173,274	15,521	243,117	7,188
1867-1871	22,107	2,585	35,032	1,818	1917	149,831	11,043	203,574	24,925
1872-1876	48,958	3,416	66,037	1,680	1918	34,119	21,880	132,579	31,215
1877-1881	107,781	5,376	133,263	906	1919	178,583	24,182	287,402	11,289
1882-1886	82,884	8,620	121,675	517	1920	122,431	21,052	219,805	5,496
1887-1891	64,730	11,287	115,529	352	1921	293,268	16,180	366,077	57,398
1892-1896	99,914	15,713	170,624	1,634	1922	208,321	15,797	279,407	17,251
1897-1901	120,247	17,151	197,427	1,280	1923	154,951	14,883	221,923	19,945
1902-1906	70,527	15,444	140,026	993	1924	78,793	17,253	156,430	28,045
1907-1911	62,855	11,841	116,138	706	1925	195,490	13,896	258,023	6,199
1912-1916	129,415	13,185	188,748	2,996	1926	63,189	9,542	108,036	15,680
1917-1921	155,046	19,167	241,809	26,064	1927	150,250	13,385	219,160	13,263
1922-1926	140,120	14,274	204,764	17,424	1928	145,990	12,921	206,728	15,733

Yearly average or year ended June 30—	Corn [3]		Rice [4]		Flaxseed		Unmanufactured tobacco	
	Exports [1]	Imports	Exports [1]	Imports	Exports [1]	Imports	Exports [1]	Imports
	1,000 bushels	*1,000 bushels*	*1,000 pounds*	*1,000 pounds*	*1,000 bushels*	*1,000 bushels*	*1,000 pounds*	*1,000 pounds*
1852-1856	7,123	---------	56,515	---------	11	1,133	140,184	5,044
1857-1861	6,558	---------	65,732	---------	7	---------	167,711	5,154
1862-1866	12,060	---------	2,258	70,893	16	1,037	140,208	---------
1867-1871	9,924	75	1,857	52,954	(5)	---------	194,754	5,631
1872-1876	38,561	57	391	72,536	(5)	2,915	241,848	8,886
1877-1881	88,190	42	602	62,615	(5)	1,224	266,315	7,871
1882-1886	49,992	24	561	99,871	(6)	1,541	237,942	13,672
1887-1891	54,606	15	3,210	156,859	[7] 66	1,833	259,248	21,640
1892-1896	63,980	8	10,278	160,808	1,516	1,181	281,746	25,871
1897-1901	192,531	4	18,407	165,232	2,660	404	304,402	16,958
1902-1906	74,615	20	45,978	150,914	2,950	234	325,539	33,805
1907-1911	56,568	92	27,195	215,802	2,313	3,249	334,396	42,813
1912-1916	38,774	5,686	60,043	250,775	67	9,227	408,006	55,556
1917-1921	45,296	4,950	299,021	262,514	13	14,750	496,924	74,595
1922-1926	66,759	1,149	300,030	74,178	(6)	18,198	496,676	68,470
1922	179,490	125	741,509	73,620	2	13,632	463,389	65,225
1923	96,596	138	370,670	69,536	(5)	25,006	454,364	75,786
1924	23,135	228	227,757	38,210	(6)	19,577	597,630	54,497
1925	9,791	4,617	112,037	57,677	(6)	13,419	430,702	76,870
1926	24,781	635	48,175	131,848	(6)	19,354	537,239	69,973
1927	19,819	1,098	304,358	71,053	(6)	24,224	516,401	92,983
1928	19,410	5,463	309,808	44,102	(6)	18,112	489,982	81,105

[1] Excluding reexports. [2] Flour included in terms of grain. [3] Including meal in terms of grain. [4] Includes flour, meal, etc. [5] Less than 500 bushels. [6] Not separately reported. [7] 3-year average.

Source: Bureau of Foreign and Domestic Commerce; for data covering additional individual years, see Statistical Abstract, 1924, Table 577.

No. 685.—YEARLY WEIGHTED AVERAGE FARM PRICES OF SPECIFIED CROPS: By Crop Years, for the United States as a Whole

Note.—Prices for hays and cottonseed, are in dollars per ton; cotton and peanuts in cents per pound; timothy, clover, and alfalfa seeds in dollars per bushel; and for all other products, in cents per bushel. Crop year ends in May for apples; in July for oats, barley, cotton, cottonseed, and timothy seed; in August for flaxseed, buckwheat, clover seed; in October for corn and peanuts; and in June for other crops named. For index numbers of prices of farm products by great groups see Table 599

Crop year ending—	Wheat	Corn	Oats	Barley	Rye	Buckwheat	Flaxseed
1910	100.7	63.2	43.2	55.6	74.6	72.1	148.6
1911	91.7	53.5	36.2	60.8	73.4	67.5	229.8
1912	88.3	68.8	46.1	81.0	81.0	75.4	195.8
1913	83.3	56.7	34.9	52.7	68.7	68.3	127.4
1914	79.3	71.8	38.0	53.0	62.9	76.6	123.9
1915	99.4	71.4	44.9	54.8	83.3	81.1	131.6
1916	98.2	69.6	39.3	53.8	85.0	81.5	169.6
1917	144.4	119.0	51.4	83.4	113.0	126.5	233.8
1918	205.8	148.1	72.1	122.5	176.4	167.1	315.9
1919	206.3	153.1	70.1	100.0	152.1	164.7	374.2
1920	218.6	151.5	80.3	124.9	146.9	159.2	427.0
1921	182.9	62.1	51.1	70.7	148.2	126.8	217.6
1922	104.4	54.3	33.4	48.4	86.9	89.1	171.0
1923	98.0	76.7	39.0	51.8	68.1	89.9	209.5
1924	92.4	84.0	42.6	56.8	59.4	96.3	212.3
1925	127.8	105.8	48.3	77.4	96.3	108.6	220.7
1926	145.9	71.0	39.0	59.2	83.1	87.5	224.6
1927	123.8	73.7	41.1	59.4	84.2	87.0	197.4
1928	120.2	85.8	49.6	72.6	86.8	87.6	189.1

Crop year ending—	Potatoes	Sweet potatoes	Apples	Cotton	Cottonseed	Peanuts	All hay (loose)
1910	57.9	(1)	(1)	13.6	(1)	(1)	10.58
1911	61.3	78.7	88.1	14.0	25.82	4.6	11.54
1912	99.6	92.2	76.6	9.6	17.08	4.4	14.36
1913	55.6	85.6	66.8	11.5	19.10	4.6	11.17
1914	70.6	84.0	93.0	12.5	22.39	4.6	11.49
1915	58.0	84.6	62.7	7.4	16.50	4.4	10.92
1916	70.8	75.4	71.0	11.2	32.65	4.3	10.34
1917	166.3	92.9	90.7	17.3	49.13	4.8	11.21
1918	122.5	122.3	113.6	27.1	66.15	7.1	16.60
1919	125.6	150.0	137.5	28.8	65.23	6.5	19.88
1920	223.8	161.7	186.1	35.2	67.27	9.2	21.34
1921	131.5	144.8	133.8	15.8	22.95	4.7	16.51
1922	121.3	110.9	195.2	17.0	29.72	3.7	11.83
1923	73.9	97.4	109.4	22.8	34.70	5.5	11.68
1924	94.2	121.7	117.4	28.7	42.23	6.5	12.93
1925	76.5	152.4	122.1	22.9	34.08	5.7	12.76
1926	183.5	165.9	127.0	19.6	30.82	4.7	12.83
1927	140.8	120.3	88.3	12.5	21.63	4.8	13.23
1928	108.4	106.5	141.7	20.2	35.93	5.0	10.57

Crop year ending—	Prairie hay	Timothy hay	Clover hay	Alfalfa hay	Timothy seed	Clover seed	Alfalfa seed
1915	7.69	13.87	12.83	9.12	2.40	8.41	7.52
1916	7.13	13.09	11.20	9.39	2.89	9.98	9.16
1917	8.61	12.83	11.33	12.76	2.42	9.54	8.76
1918	13.31	18.67	17.21	18.42	3.50	14.48	9.66
1919	16.03	22.66	20.93	20.35	4.19	21.01	10.40
1920	16.78	25.13	23.69	22.70	4.98	28.34	16.97
1921	10.94	20.64	19.48	15.96	3.29	11.81	11.74
1922	7.62	14.82	14.15	10.58	2.04	11.14	8.22
1923	8.79	14.18	13.03	12.82	2.60	10.71	9.36
1924	8.92	16.53	15.14	13.54	3.19	12.38	10.63
1925	8.70	14.30	13.43	13.81	3.11	15.35	10.62
1926	9.36	15.40	14.52	13.52	3.33	15.87	9.99
1927	10.87	15.42	15.06	13.57	2.61	19.06	9.45
1928	7.64	11.64	12.15	11.96	1.77	16.12	9.88

[1] Not available.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 686.—GRAIN PRICES: Weighted Average Market Price per Bushel of Reported Cash Sales

Yearly average or crop year ending—	Wheat, July-June			Corn, Nov.-Oct.		Oats, Aug.-July		Barley, Aug.-July	Rye, July-June	Flaxseed, Sept.-Aug.[1]	Kafir, Nov.-Oct.[2]
	No. 1, Northern, Minneapolis	No. 2, Hard Winter, Kansas City	No. 2, Red Winter, Chicago	No. 3, Yellow, Chicago	No. 3, Yellow, Kansas City	No. 3, White, Chicago	No. 3, White, Minneapolis	No. 2, Minneapolis	No. 2, Chicago	No. 1, Minneapolis	No. 2, White, Kansas City
1910-1914	$0.99	$0.95	$0.99	$0.61	$0.60	$0.40	$0.38	$0.64	$0.76	$1.92	$1.34
1915-1921	1.90	1.85	1.83	1.15	1.12	.60	.58	1.02	1.52	3.03	2.17
1922-1926	1.30	1.27	1.33	.79	.78	.42	.38	.65	.94	2.47	1.52
1913	.87	.88	1.03	.53	.55	.33	.33	.48	.65	1.38	1.06
1914	.88	.84	.88	.70	.67	.40	.38	.51	.64	1.52	1.74
1915	1.20	1.05	1.08	.70	.72	.50	.48	.65	1.05	1.70	1.17
1916	1.09	1.19	1.13	.79	.69	.41	.38	.63	.99	2.04	1.19
1917	1.76	1.71	1.68	1.11	1.06	.54	.52	1.17	1.54	2.91	3.24
1918	2.20	2.52	2.25	1.63	1.63	.71	.71	1.40	2.11	3.78	3.28
1919	2.25	2.19	2.22	1.62	1.56	.70	.66	1.00	1.61	4.19	2.86
1920	2.72	2.42	2.24	1.59	1.60	.80	.80	1.43	1.70	4.52	2.41
1921	2.07	1.83	2.23	.62	.59	.51	.48	.74	1.62	2.09	1.66
1922	1.43	1.20	1.25	.55	.54	.35	.32	.55	.97	2.19	1.36
1923	1.20	1.13	1.14	.73	.74	.41	.36	.58	.81	2.58	1.63
1924	1.17	1.05	1.02	.88	.78	.45	.40	.63	.70	2.44	1.51
1925	1.56	1.35	1.58	1.06	1.12	.50	.47	.84	1.25	2.63	1.81
1926	1.61	1.63	1.64	.75	.74	.41	.37	.67	.96	2.52	1.30
1927	1.46	1.35	1.38	.87	.88	.43	.42	.71	1.01	2.24	1.20
1928	1.36	1.35	1.40	1.01	.85	.55	.50	.84	1.06	2.20	1.46

[1] Average closing price through December, 1920. [2] Price per 100 pounds.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 687.—GRAIN RECEIVED AT SIX ATLANTIC PORTS

Note.—Data are for calendar years. Total receipts by ports include flour, meal, and malt reduced to grain equivalent. Receipts at New York, Boston, Philadelphia, and Baltimore include shipments from the West to foreign countries through these ports on through bills of lading. Receipts at Baltimore include flour ground by city millers, and therefore duplicate an equivalent quantity of wheat received in grain

	1910	1915	1920	1925	1926	1927	1928
TOTALS BY PORTS	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*
New York, total	93,320	220,667	145,534	189,162	173,062	166,224	166,692
By canal via river	10,168	2,504	4,139	32,707	28,899	29,668	39,138
Coastwise and river	410	7,120	5,966	9	40	631	2
By rail	82,742	211,044	135,429	156,386	144,123	135,925	127,552
Boston	22,402	28,097	13,099	11,011	13,264	13,694	14,430
Philadelphia	28,736	69,772	45,148	55,933	34,606	34,154	25,284
Baltimore	32,272	105,856	74,260	35,552	33,775	35,459	35,459
New Orleans	16,213	56,774	72,976	32,039	25,036	25,875	28,872
Montreal, Canada	44,178	68,185	67,044	179,959	170,242	219,173	247,377
COMMODITY							
Flour ... 1,000 bbls.	16,841	23,279	17,016	23,801	23,374	22,928	24,436
Corn meal ... do.	1,039	941	77	75	154	237	112
Wheat ... 1,000 bu.	62,944	260,719	220,296	238,631	232,186	262,630	270,513
Corn ... do.	42,193	45,434	17,916	13,220	12,191	9,101	18,171
Oats ... do.	47,181	104,554	34,629	76,401	41,707	25,115	35,416
Barley ... do.	3,929	16,195	16,600	45,101	40,335	54,186	65,831
Rye ... do.	934	13,928	51,742	23,709	17,767	39,893	18,655
Total grain ... do.	157,181	440,829	341,183	397,152	344,186	390,926	408,586
Flour and meal[1] ... do.	79,940	108,522	76,878	107,404	105,798	103,653	110,413
Grand total ... do.	**237,122**	**549,351**	**418,061**	**504,556**	**449,894**	**494,579**	**518,999**

[1] Grain equivalent.

Source: New York Produce Exchange.

No. 688.—GRAIN RECEIPTS AT PRIMARY MARKETS, BY CROP YEARS

[All figures in thousands of bushels]

Yearly average or year ended—	Total	Chicago	Milwaukee	Minneapolis	Duluth	St. Louis	Toledo	Detroit	Kansas City	Peoria	Omaha	Indianapolis
	WHEAT											
June 30:												
1910-1914	279,257	37,111	8,750	102,067	52,048	24,713	5,203	1,821	35,756	1,525	15,892	1,211
1915-1921	385,102	60,469	9,655	119,090	51,044	38,228	6,628	2,121	67,515	2,232	22,521	4,000
1922-1926	388,647	49,959	5,903	112,209	66,874	37,295	10,801	1,636	74,144	2,601	22,541	4,685
1923	420,166	51,660	3,681	133,830	65,541	40,605	10,472	1,797	77,684	4,355	25,356	5,185
1924	333,388	49,804	2,307	105,958	38,201	33,119	15,401	1,884	60,516	2,221	17,896	6,081
1925	478,555	71,009	8,934	104,037	111,194	44,047	12,434	1,915	89,444	2,095	20,120	4,336
1926	325,490	25,776	4,919	111,877	70,210	29,697	8,945	1,006	52,502	1,769	15,023	3,766
1927	359,435	30,062	6,867	89,148	53,061	33,342	14,715	2,677	92,740	1,314	21,486	5,023
1928	462,709	45,851	5,662	125,615	118,855	34,167	14,171	2,281	77,775	1,336	31,948	5,048
	CORN											
Oct. 31:												
1910-1914	214,366	105,459	10,251	7,581	792	22,316	4,383	2,957	19,052	16,710	------	------
1915-1921	246,387	101,633	14,788	10,643	------	22,286	3,025	3,043	18,263	25,349	26,731	19,469
1922-1926	266,015	115,372	14,538	13,213	5,061	30,749	3,774	1,423	18,436	22,221	22,668	18,559
1923	252,124	115,960	15,280	7,531	688	29,856	3,140	1,957	15,499	21,157	22,730	18,317
1924	275,082	101,108	17,083	18,436	9,570	39,215	4,090	1,683	21,136	17,730	27,495	17,536
1925	202,225	80,696	7,180	14,310	795	23,116	2,972	410	21,448	20,961	13,138	17,199
1926	226,484	92,283	7,519	9,867	142	27,751	4,665	610	18,034	27,139	20,396	18,078
1927	220,778	91,869	11,000	11,261	177	21,005	3,940	1,489	12,453	20,098	21,836	19,650
1928	293,627	104,975	14,471	9,378	505	35,261	1,480	1,018	46,807	25,056	32,859	21,817
	OATS											
July 31:												
1910-1914	194,643	100,873	13,978	17,320	5,983	21,439	3,507	3,131	7,298	10,252	------	------
1915-1921	277,426	121,604	30,007	31,750	3,963	27,613	5,583	4,390	10,295	12,090	15,837	14,234
1922-1926	226,219	71,431	19,646	35,224	12,494	31,186	5,860	2,376	9,834	12,833	14,494	10,841
1923	222,680	84,451	21,057	24,870	1,372	32,220	3,786	3,444	10,568	15,555	14,772	10,585
1924	220,631	69,516	19,729	29,069	5,008	35,001	4,248	3,083	11,701	13,419	18,144	11,653
1925	262,501	74,690	20,233	53,533	23,165	34,211	8,848	1,942	8,198	11,131	15,918	10,632
1926	207,817	50,669	13,970	36,342	26,798	28,549	7,814	1,127	11,443	9,850	12,972	8,283
1927	143,960	49,420	14,826	18,205	2,360	21,076	8,781	1,352	3,270	8,954	6,628	9,088
1928	148,485	53,591	10,411	27,138	1,145	19,351	4,507	1,389	4,226	9,195	8,844	8,688

Source: Bureau of Agricultural Economics, Department of Agriculture. Compiled from Chicago Daily Trade Bulletin and the annual reports of the Chicago Board of Trade.

No. 689.—FREIGHT RATES ON WHEAT FROM CHICAGO TO NEW YORK

NOTE.—In cents per bushel. For earlier years see Statistical Abstract, 1925, p. 679

Calendar year	By lake and canal	By lake and rail	By all rail [1]	Calendar year	By lake and canal	By lake and rail	By all rail [1]
1891	5.96	8.53	15.00	1910	5.13	6.57	9.60
1892	5.61	7.55	14.23	1911	5.35	5.23	9.60
1893	6.33	8.44	14.70	1912	5.57	6.17	9.60
1894	4.44	7.00	12.88	1913	5.74	7.01	9.60
1895	4.11	6.95	12.17	1914	5.31	6.54	9.60
1896	5.38	7.32	12.00	1915	6.08	7.48	10.08
1897	4.35	7.37	12.32	1916	7.95	9.55	10.08
1898	4.42	4.96	11.55	1917	8.72	9.99	10.08
1899	5.65	6.63	11.13	1918	12.53	12.27	12.90
1900	4.42	5.05	9.98	1919	10.94	11.60	14.70
1901	5.14	5.57	9.92	1920	14.70	15.32	16.68
1902	5.25	5.78	10.60	1921	10.29	10.91	20.10
1903	5.44	6.17	11.33	1922	11.63	11.93	19.65
1904	4.71	5.02	11.11	1923	10.94	12.43	18.00
1905	5.51	6.44	10.20	1924	8.67	10.92	18.00
1906	5.94	6.48	10.50	1925	7.24	10.89	18.00
1907	6.68	6.93	11.30	1926	8.08	12.04	18.00
1908	6.00	6.33	11.70	1927	7.16	11.14	18.00
1909	5.35	6.88	11.70	1928	8.40	11.36	18.00

[1] Rates beginning with 1900 represent wheat for domestic consumption, lower rates applying on grain for export.

Source: New York Produce Exchange.

No. 690.—FREIGHT RATES ON WHEAT FROM BUFFALO TO NEW YORK BY CANAL

Calendar year	Average rate	Calendar year	Average rate	Calendar year	Average rate	Calendar year	Average rate
	Cents per bushel		*Cents per bushel*		*Cents per bushel*		*Cents per bushel*
1891	3.5	1901	3.5	1911	4.3	1921	7.4
1892	3.5	1902	3.8	1912	4.4	1922	10.4
1893	4.6	1903	4.0	1913	4.6	1923	7.1
1894	3.2	1904	3.2	1914	4.3	1924	6.8
1895	2.2	1905	3.9	1915	4.6	1925	5.0
1896	3.7	1906	4.2	1916	5.0	1926	5.1
1897	2.8	1907	5.0	1917	4.4	1927	5.0
1898	2.8	1908	5.0	1918	9.3	1928	6.0
1899	3.0	1909	3.9	1919	8.2		
1900	2.5	1910	4.0	1920	10.3		

Source: Secretary of the Buffalo Chamber of Commerce.

No. 691.—FREIGHT RATES ON GRAIN, FLOUR, AND PROVISIONS, CHICAGO TO EUROPEAN PORTS

NOTE.—Rates cover all-rail transportation to New York and steamer to foreign ports. Rail rates on grain and flour are reshipping rates. Steamer rates are berth rates. Owing to the war complete statements of freight averages for 1914 to 1916 are impossible and for 1917, 1918, and 1919 no figures are available

[Rates in cents per 100 pounds]

Destination	1900	1905	1910	1913	1921	1922	1923	1924	1925	1926	1927	1928
Grain:												
Liverpool [1]	29.49	19.16	18.15	23.39	48.17	34.06	32.65	34.87	33.8	37.17	33.89	32.32
Glasgow [1]	30.98	20.00	15.91	22.92	(2)	34.28	32.50	34.39	35.3	39.80	36.42	33.90
London [1]	31.10	20.23	17.76	24.33	(2)	33.97	31.33	33.95	33.4	36.66	34.31	31.74
Antwerp	------	------	18.05	24.62	45.02	35.85	33.27	34.50	33.9	35.83	35.56	32.38
Hamburg	------	------	------	26.16	45.76	35.74	32.80	35.22	35.0	37.15	36.50	33.04
Amsterdam	------	------	------	25.07	49.53	[3] 38.72	------	------	------	47.50	39.50	33.91
Rotterdam	------	------	------	25.07	48.04	36.30	33.69	35.50	35.5	37.26	36.18	33.04
Sacked flour:												
Liverpool	27.00	22.40	19.75	30.00	58.63	41.92	39.82	42.80	43.8	46.68	45.01	43.17
Glasgow	31.56	22.50	21.50	32.00	(2)	41.90	41.38	45.11	45.0	47.93	47.39	45.17
London	35.01	23.64	22.00	30.50	(2)	41.00	39.80	42.73	43.9	46.66	45.04	43.17
Antwerp	------	------	------	35.60	55.27	42.33	40.73	43.75	44.3	45.31	48.05	45.71
Hamburg	------	------	------	37.00	56.15	42.17	40.46	43.58	44.1	45.51	46.80	45.79
Amsterdam	------	------	------	30.00	55.74	42.65	41.52	44.13	44.6	46.10	47.70	46.50
Rotterdam	------	------	------	29.00	55.12	42.50	41.28	44.13	44.6	44.34	47.81	45.71
Copenhagen	------	------	------	40.00	64.01	49.42	46.89	48.94	50.4	51.15	55.32	53.50
Stockholm	------	------	------	43.00	------	50.76	48.81	52.25	53.5	54.42	57.32	55.69
Provisions:												
Liverpool	48.84	38.49	45.38	51.00	137.13	113.50	94.10	104.83	106.5	106.50	116.33	117.75
Glasgow	55.31	43.23	46.88	55.31	(2)	113.50	94.10	104.83	106.5	106.50	116.33	117.75
London	55.87	40.88	47.62	51.00	(2)	113.50	94.10	104.83	106.5	106.50	116.33	117.75
Antwerp	51.09	43.70	49.44	55.22	104.01	84.89	[4] 82.94	87.75	86.5	87.19	89.00	91.50
Hamburg	50.00	45.75	50.00	55.33	104.87	84.36	[5] 84.65	91.50	91.5	91.50	110.50	95.67
Amsterdam	51.00	45.42	48.00	54.00	104.25	84.89	[5] 82.54	87.75	86.5	86.72	89.00	91.50
Rotterdam	51.00	44.53	47.00	53.00	104.25	84.89	[5] 83.00	87.75	86.5	86.72	89.00	89.00
Copenhagen	55.31	48.06	55.31	69.43	113.00	99.75	96.50	100.87	96.5	100.92	103.00	101.50
Stockholm	64.50	51.47	56.72	73.14	------	98.37	94.00	102.00	104.0	104.27	109.00	104.24
Bordeaux	64.12	51.45	57.50	71.25	105.16	101.86	96.50	105.45	106.5	106.50	110.75	109.83
Havre	------	------	------	69.38	104.20	101.86	96.50	105.45	106.5	106.50	110.75	109.83

[1] Berth rates to British ports beginning 1922 converted from English money at average exchange rates.
[2] Rates for Liverpool applied to London and Glasgow.
[3] Average for first 18 weeks of 1922.
[4] Average for first 8 months.
[5] Average for 11 months; October is not available.

Source: 1900 to 1916, Secretary of the Board of Trade of Chicago; thereafter, compiled in Bureau of Foreign and Domestic Commerce from various sources.

No. 692.—FOOD MANUFACTURING INDUSTRIES: MATERIALS USED AND PRODUCTS

NOTE.—Data for establishments with products under $5,000 in value not included for 1925 and 1927. Leaders indicate figures were not secured or not reported separately. For canned vegetables, soups, and fruits quantitative data for 1914 are not strictly comparable with later years. See footnotes

Industry, material, and product	Quantity (thousands of unit specified)				Cost or value (thousands of dollars)		
	Unit	1914	1925	1927	1914	1925	1927
CANNING AND PRESERVING							
All products, total value					249,791	688,898	652,636
Fruits, vegetables, and soups					151,960	457,638	400,238
Canned vegetables and soups					92,291	282,891	234,260
Beans	Case	[1] 8,994	[2] 24,080	[2] 25,360	16,565	55,165	53,069
Corn	do	[1] 9,920	[2] 22,597	[2] 10,255	13,923	51,346	22,855
Peas	do	[1] 8,826	[2] 16,544	[2] 13,085	15,089	42,887	34,031
Tomatoes	do	[3] 16,200	[2] 21,807	[2] 18,220	25,532	42,680	33,814
Asparagus	do	[4] 638	[2] 1,896	[2] 2,177	2,791	10,487	12,202
Spinach	do	[3] 392	[2] 2,045	[2] 2,462	737	5,456	6,225
All other	do	6,706	[2] 25,299	[2] 25,788	17,654	74,870	72,064
Canned fruits					24,897	102,638	101,731
Peaches	Case	[4] 3,408	[2] 10,526	[2] 11,305	9,586	38,562	36,235
Apples	do	[3] 1,515	[2] 3,467	[2] 2,939	2,392	6,951	5,895
Berries	do	[1] 1,333	[2] 2,120	[2] 2,375	3,102	9,080	9,807
Pears	do	[4] 1,063	[2] 3,880	[2] 2,954	3,854	20,898	13,067
Apricots	do	[4] 1,052	[2] 2,088	[2] 3,099	3,061	7,668	12,256
Cherries	do	[1] 543	[2] 1,487	[2] 1,229	1,629	7,253	6,490
All other	do	[1] 535	[2] 2,425	[2] 3,663	1,273	12,226	17,981
Dried fruits	Pound	568,587	1,054,127	1,012,796	34,772	72,119	64,167
Raisins	do	226,044	533,722	435,292	13,939	28,788	25,824
Prunes	do	139,092	397,583	438,886	9,004	28,971	23,738
Peaches	do	61,907	36,857	38,038	2,916	3,555	3,895
Apples	do	54,957	21,121	22,253	2,889	2,227	2,228
Apricots	do	39,397	33,039	36,755	3,616	5,434	5,439
All other	do	47,190	31,805	41,572	2,408	3,144	3,043
Dried and dehydrated vegetables	do		1,276	200		189	80
Fish and oysters					33,333	58,637	64,410
Canned fish, oysters, etc.					22,401	47,463	51,090
Salmon	Case [5]	1,513	1,559	1,504	8,713	15,380	15,712
Sardines	do. [6]	5,012	5,163	6,183	6,239	13,097	14,518
Shrimps	do. [5]	460	736	853	1,726	3,783	5,322
Tuna	do. [7]	437	1,102	1,256	1,638	8,499	8,368
Oysters	do. [5]	945	568	447	2,677	3,009	2,368
Clams	do. [5]	185	348	202	670	1,075	1,402
All other	do	236	366	586	738	2,024	3,400
Cured fish	Pound	159,863	88,349	91,213	10,932	11,174	13,320
Pickles, preserves, sauces					60,137	149,102	153,687
All other products					4,361	23,321	34,301
FLOUR-MILL INDUSTRY							
Materials used, total cost					752,270	1,125,379	972,711
Wheat	Bushel [8]	545,728	530,593	544,054			
Corn	do. [8]	180,116	105,355	92,693			
Rye	do. [8]	12,814	8,126	9,255			
Buckwheat	do. [8]	5,478	2,408	2,701			
Oats	do. [8]	50,227	45,818	27,761			
Other grains	do	24,566	15,658	11,985			
All products, total value					877,680	1,298,015	1,148,760
Wheat flour	Barrel [9]	116,404	114,027	117,673	543,840	904,971	816,958
Rye flour	do	1,937	1,561	1,724	7,845	8,923	9,299
Buckwheat flour	Pound	125,622	47,565	44,559	3,755	1,874	1,674
Corn meal	Barrel [10]	16,328	8,903	8,378	54,963	43,653	37,138
Bran and middlings	Ton [11]	4,667	4,474	4,624	104,703	136,711	141,757
Feed, screenings, etc.	do	4,753	3,023	1,930	137,068	114,805	71,722
All other					25,506	86,987	70,212

[1] 24 No. 2 cans.
[2] Actual number of cases of all sizes.
[3] 24 No. 3 cans.
[4] 24 No. 2½ cans.
[5] 48 No. 1 cans.
[6] 100 No. ¼ cans.
[7] 48 No. ½ cans.
[8] Weight of bushel: Wheat, 60 pounds; corn, 56; rye, 56; buckwheat, 48; oats, 32.
[9] 196 pounds.
[10] 200 pounds.
[11] 2,000 pounds.

No. 692.—Food Manufacturing Industries: Materials Used and Products—Continued

Industry, material, and product	Quantity (thousands of unit specified)				Cost or value (thousands of dollars)		
	Unit	1914	1925	1927	1914	1925	1927
CORN SIRUP (GLUCOSE) AND STARCH							
Materials used, total cost					40,208	93,064	90,906
Corn	Pound	2,488,792			30,208		
All products, total value					52,615	132,898	134,461
Cornstarch	Pound	574,248	854,125	1,012,175	13,785	33,716	32,317
Corn sirup (including all sirup)	do		1,144,858	1,123,791	18,541	41,275	32,519
Corn sugar	do	174,369	580,370	904,831	3,766	19,505	25,635
Corn oil	Gallon	8,862	12,705	16,070	3,693	14,003	16,159
Stock feed					6,690	17,934	19,346
All other					6,140	6,375	8,485
RICE CLEANING AND POLISHING							
Materials used, total cost					20,616	45,847	46,481
Rough rice	Pound	1,036,588	1,438,901	1,915,038			
All products, total value					23,039	53,498	54,130
Clean rice	Pound	674,872	947,787	1,246,642	21,655	51,113	51,828
All other					1,384	2,385	2,302
BEET SUGAR							
Materials used, total cost					41,399	87,038	79,017
Beets treated	Ton [11]	5,639	7,423	6,711			
All products, total value					62,605	132,339	104,927
Sugar	Ton [11]	743	1,083	899	58,590	124,413	98,585
Molasses	Gallon	26,461	24,466	19,097	1,536	2,251	692
Pulp	Ton [11]		1,550	1,308	2,095	5,530	4,414
All other					384	145	1,236
CANE SUGAR							
Materials used, total cost					15,958	11,586	5,830
Cane, crushed	Ton [11]	3,755		975	13,409		
All products, total value					21,635	13,435	8,009
Sugar	Ton [11]	265	116	56	18,948	9,670	5,115
Molasses	Gallon	20,675	15,171	5,585	2,021	1,751	1,120
Sirup	do	2,421	5,699	3,885	610	1,768	1,341
All other					56	246	433
CANE SUGAR REFINING							
Materials used, total cost					264,085	549,896	551,594
Raw sugar	Pound	7,120,957	11,470,224	10,809,406	247,086		
All products, total value					289,399	606,633	597,446
Refined sugar	Ton [11]	3,333	5,412	5,128	285,496	600,109	593,620
Sirup	Gallon		8,536	5,537	3,284	2,152	1,247
Refiners' blackstrap	do	35,803	37,373	31,014		3,859	2,172
All other					619	513	407
CHOCOLATE AND COCOA PRODUCTS							
All products, total value					35,713	106,642	122,728
Chocolate in cakes	Pound		374,663	388,210		85,614	95,091
Cocoa	do		85,259	90,910		11,040	13,708
Cocoa butter	do		25,293	22,770		6,800	8,555
Other products						3,188	5,309

[11] 2,000 pounds.

Source: Bureau of the Census, Department of Commerce.