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. 464). Any exceptions are noted. For weights of the units of measurement for the principal products see Appendix, p. 857]

No. 650.—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	1897	75	1908	94	1919	108
1895–1899	78	1898	85	1909	94	1920	117
1900–1904	84	1899	82	1910	97	1921	100
1905–1909	94	1900	81	1911	91	1922	110
1910–1914	100	1901	74	1912	110	1923	110
1915–1919	108	1902	91	1913	95	1924	111
1920–1925	110	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	119
1896	77	1907	89	1918	107	1929	114

No. 651.—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
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
1929	97.8	[1]	[1]	[1]	[1]	[1]

[1] Not computed.

No. 652.—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	1895	$8.12	1907	$14.74	1919	$35.74
1871–1875	14.05	1896	7.94	1908	15.32	1920	23.26
1876–1880	11.89	1897	9.07	1909	16.00	1921	14.45
1881–1885	11.33	1898	9.00	1910	15.53	1922	19.23
1886–1890	9.97	1899	9.13	1911	15.36	1923	21.52
1891–1895	9.71	1900	10.31	1912	16.09	1924	23.88
1896–1900	9.09	1901	11.43	1913	16.49	1925	21.76
1901–1905	12.53	1902	12.07	1914	16.44	1926	19.07
1906–1910	15.01	1903	12.62	1915	17.18	1927	20.92
1911–1915	16.31	1904	13.26	1916	22.58	1928	20.34
1916–1920	29.72	1905	13.28	1917	33.27	1929	20.33
1921–1925	20.05	1906	13.46	1918	33.73		

Source of Tables 650, 651, and 652: Bureau of Agricultural Economics, Department of Agriculture.

No. 653.—PRODUCTION OF PRINCIPAL AGRICULTURAL COMMODITIES

NOTE.—Data are for the crop or growth year. Blank lines indicate that data are not available. The weight of a bushel of wheat is 60 pounds, a bushel of corn, 56 pounds

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		[6] 120,851	1,635	1,348	35,802
1850	[6] 592,071	[6] 100,486	102,776		[6] 247,577	2,454	2,136	52,517
1855			103,606		276,568	3,666	3,221	
1860	[6] 838,793	[6] 173,105	106,279		274,725	3,849	3,841	60,265
1865			10,246	[7] 896	20,680	2,269	2,094	142,000
1870	1,094,255	235,885	54,889		178,304	4,352	4,025	100,102
1875	1,321,069	292,136	83,861	[8] 224	172,480	4,632	4,303	181,000
1880	1,717,435	498,550	111,869		285,302	6,606	6,357	240,682
1881	1,194,916	383,280	102,605	[7] 1,120	171,076	5,456	5,136	240,000
1882	1,617,025	504,185	99,985		318,746	6,950	6,833	272,000
1883	1,551,067	421,086	110,700	1,198	302,944	5,713	5,522	290,000
1884	1,795,528	512,765	109,562	2,134	225,962	5,682	5,477	300,000
1885	1,936,176	357,112	150,195	1,344	302,754	6,576	6,369	308,000
1886	1,665,441	457,218	155,670	1,792	191,282	6,505	6,315	302,000
1887	1,456,161	456,329	113,631	572	375,904	7,047	6,885	285,000
1888	1,987,790	415,868	124,733	4,168	344,756	6,938	6,924	269,000
1889	1,998,648	434,383	131,722	4,934	301,284	7,473	7,473	265,000
1890	1,460,406	378,097	136,800	7,748	497,170	8,653	8,562	269,827
1891	2,055,823	584,504	155,666	12,004	370,580	9,035	8,941	285,000
1892	1,713,688	527,987	237,547	27,084	498,456	6,700	6,658	294,000
1893	1,707,572	427,553	122,865	45,192	610,826	7,493	7,433	348,538
1894	1,339,680	516,485	109,821	45,006	729,394	9,901	10,026	325,211
1895	2,310,952	569,456	168,665	65,452	543,636	7,161	7,147	294,297
1896	2,503,484	544,193	96,886	84,080	644,176	8,533	8,516	272,475
1897	2,144,553	610,254	116,302	90,492	708,252	10,898	10,985	259,153
1898	2,261,119	772,163	136,991	72,736	568,788	11,189	11,435	266,721
1899	2,454,628	636,051	219,278	163,458	322,548	9,393	9,345	272,191
1900	2,505,148	602,708	253,139	172,164	623,772	10,102	10,123	305,231
1901	1,613,528	788,638	388,035	369,212	728,650	9,583	9,510	302,502
1902	2,619,499	724,808	319,293	436,812	745,806	10,588	10,631	316,346
1903	2,346,897	663,923	560,750	481,208	556,140	9,820	9,851	287,450
1904	2,528,662	596,911	586,005	484,226	829,990	13,451	13,438	291,783
1905	2,748,949	726,819	377,975	625,842	781,204	10,495	10,575	295,488
1906	2,897,662	756,775	495,976	967,224	544,320	12,983	13,274	298,915
1907	2,512,065	637,981	520,504	927,256	788,480	11,058	11,107	298,295
1908	2,544,957	644,656	608,060	851,768	828,800	13,086	13,242	311,138
1909	2,572,336	700,434	572,421	1,024,938	663,452	10,073	10,005	330,420
1910	2,886,260	635,121	680,839	1,020,344	710,080	11,568	11,609	321,363
1911	2,531,488	621,338	637,061	1,199,000	721,748	15,553	15,693	318,548
1912	3,124,746	730,267	695,959	1,385,112	325,147	13,489	13,703	304,043
1913	2,446,988	763,380	715,117	1,466,802	601,075	13,983	14,156	296,175
1914	2,672,804	891,017	656,922	1,444,108	493,028	15,906	16,135	290,192
1915	2,994,793	1,025,801	804,090	1,748,440	277,240	11,068	11,192	285,726
1916	2,566,927	636,318	1,135,037	1,641,314	621,799	11,364	11,450	288,490
1917	3,065,233	636,655	964,980	1,530,414	491,680	11,248	11,302	281,892
1918	2,502,665	921,438	1,072,397	1,521,900	568,800	11,906	12,041	298,870
1919	2,811,302	967,979	1,166,259	1,452,902	244,250	11,326	11,421	298,258
1920	3,208,584	833,027	1,446,289	2,178,000	352,204	13,271	13,440	287,079
1921	3,068,569	814,905	1,044,778	2,041,000	655,399	7,978	7,954	283,029
1922	2,906,020	867,598	1,150,139	1,350,000	591,000	9,729	9,762	265,713
1923	3,053,557	797,394	936,583	1,762,000	330,000	10,171	10,140	268,196
1924	2,309,414	864,428	902,722	2,180,000	[9] 176,965	13,639	13,628	279,375
1925	2,916,106	676,765	925,250	1,826,000	[9] 278,763	16,123	16,104	292,362
1926	2,691,531	831,381	1,159,167	1,794,000	[9] 94,332	17,755	17,977	311,576
1927	2,763,093	878,374	1,243,687	2,186,000	[9] 141,587	12,783	12,956	332,014
1928	2,818,901	914,876	1,201,077	2,122,000	[9] 264,107	14,297	14,478	355,615
1929 (prel.)	2,662,189	806,508	1,117,108	2,036,000	[9] 399,217	14,589	14,828	363,447

[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] Production uncertain; not exceeding quantity stated.
[9] Louisiana only.

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

No. 654.—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	43
Potatoes (Irish or white)	639, 441	776, 023	223, 925	−415, 515	−65	+136, 583	+21	552, 098	71
Sweetpotatoes 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. 655.—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. 857. The approximate weights of units of measurement for other products are as follows: Number of pounds to the bushel—emmer and spelt, 40; sweet potatoes, 54; apples, 45; peaches, 48; pears, 50; cherries, 56; apricots, 48. Number of pounds to a box (net)—grape fruit, 70; lemons, 74; oranges, California, 70; Florida, 80.

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	4,652	(4)								
Dry edible beans	454	803	1,162	1,637	Bushel	(4)	(4)	(4)	(4)	80,959	184,056	(4)
Soy beans		2	113	(4)	do	5,064	11,251	14,079	(4)	21,771	61,795	(4)
Other beans	26	13	[5] 2	[6] 1,476	do		17	1,085	(4)	21	4,450	(4)
Dry peas	968	1,305	866	(4)	do	143	163	50	(4)	220	126	(4)
Peanuts	517	870	1,125	1,105	do	9,440	7,129	5,743	(4)	10,964	20,791	(4)
Flaxseed	2,111	2,083	1,261	3,435	do	11,964	19,416	27,450	26,899	18,272	62,752	35,308
Miscellaneous seeds		81	124	(4)	do	19,979	19,513	6,653	28,249	28,971	29,361	66,135
Seeds with no acreage reports						(4)	(4)	(4)	(4)	740	4,781	(4)
Hay and forage, including corn cut for forage			96,121	[7] 88,987	Bushel	4,865	6,671	7,852	(4)	16,549	88,854	(4)
Hay and forage, excluding corn cut for forage	61,691	72,402	81,618	[7] 82,314	Ton			146,343	(4)		2,523,050	(4)
Hay alone	58,584	68,227	72,780	74,096	do	79,252	97,755	128,549	[7] 116,792	826,401	2,316,116	[7] 1,210,611
Vegetables [10]	5,633	7,073	5,530	5,012[1]	do	71,113	87,216	90,356	[8] 88,384	776,068	1,953,149	[9] 1,076,254
Potatoes (Irish or white)	2,939	3,669	3,252	2,911		(4)	(4)	(4)	(4)	418,110	1,302,200	(4)
Sweet potatoes and yams	537	641	803	467	Bushel	273,318	389,195	290,428	352,462	166,424	639,441	223,925
Other vegetables [11]	2,162	2,763	1,475	1,635	do	42,517	59,232	78,092	37,444	35,429	124,844	53,812
Sugar crops	790	1,164	1,491	(4)		(4)	(4)	(4)	(4)	216,257	537,915	(4)
Sugar cane	387	477	373	326	Ton	6,906	11,519	11,182	(4)	59,253	162,439	(4)
Sorghum grown for sirup	293	326	482	184	do	4,202	6,240	3,545	[12] 1,664	26,416	59,499	[12] 9,505
Sugar beets grown for sugar	110	360	636	743	do	1,910	1,376	1,644	(4)	7,963	24,506	(4)
Maple sugar and sirup	(4)	(4)	(4)	(4)	do	793	3,902	5,993	6,989	19,695	66,052	55,754
						(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	(5)
Broom corn	179	326	338	(4)	Pound	90,947	78,960	113,031	(4)	5,134	7,945	(5)
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)					(5)	1,037	2,984	(5)
Small fruits	310	272	249	(4)	Quart	463,219	426,566	324,939	(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	13,593	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. 656.—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, 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.

No. 657.—TRUCK CROPS: COMMERCIAL ACREAGE AND PRODUCTION

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

Crop	1924	1925	1926	1927	1928	1929 (prel.)	1929, two leading States
	Acreage						
Asparagus	50,560	65,530	84,980	90,500	96,710	98,900	Calif., N. J.
Beans, snap	88,020	107,170	100,460	110,220	134,370	134,420	Fla., N. J.
Cabbage	119,120	119,970	129,330	143,790	137,170	157,220	N. Y., Tex.
Cantaloupes	95,250	93,260	101,690	105,780	100,660	106,730	Calif., Ariz.
Carrots	11,480	15,760	19,000	26,300	27,540	30,570	Tex., Calif.
Cauliflower	13,100	15,780	22,170	18,020	21,430	25,360	Calif., N. Y.
Celery	22,550	22,910	21,830	24,550	27,040	28,730	Calif., Fla.
Corn, sweet	302,790	393,910	317,310	223,350	305,960	331,070	Ill., Minn.
Cucumbers	122,560	140,480	110,450	93,500	110,020	111,540	Mich., Wis.
Eggplant	2,690	3,490	3,260	3,090	3,890	3,630	Fla., N. J.
Lettuce	68,660	86,030	105,560	123,010	124,630	141,430	Calif., Ariz.
Onions	65,090	65,280	75,780	77,580	80,020	86,570	Tex., Ind.
Peas, green	254,270	260,310	261,840	221,000	266,600	296,810	Wis., N. Y.
Peppers	11,190	13,780	15,560	14,770	17,890	17,810	N. J., Fla.
Pimientos			5,110	7,040	8,850	9,060	Ga., Calif.
Potatoes, early Irish	338,450	302,780	323,800	348,230	401,370	289,490	Va., N. J.
Spinach	34,140	44,360	51,200	55,250	65,350	72,570	Tex., Calif.
Strawberries	176,470	144,740	152,040	191,250	206,920	198,560	La., Mo.
Tomatoes	441,790	483,750	372,430	394,380	399,730	434,370	Ind., Calif.
Watermelons	184,830	173,710	199,060	182,510	206,930	203,560	Ga., Fla.
	Production						
Asparatus, 1,000 crates	5,525	6,276	7,813	7,861	9,433	9,887	Calif., N. J.
Beans, snap, 1,000 tons	118	152	120	125	146	167	Fla., N. J.
Cabbage, do	1,068	937	1,036	1,221	984	1,069	N. Y., Wis.
Cantaloupes, 1,000 crates	13,834	14,553	14,393	15,014	15,416	16,799	Calif., Colo.
Carrots, 1,000 bushels	4,084	4,800	5,523	7,760	7,524	10,161	Calif., Tex.
Cauliflower, 1,000 crates	2,763	3,493	5,581	4,173	5,031	6,450	Calif., Colo.
Celery, do	6,509	6,702	5,767	7,585	7,624	8,686	Calif., Fla.
Corn, sweet, 1,000 tons	528	1,014	816	414	593	639	Iowa, Ill.
Cucumbers, 1,000 bushels	7,677	12,439	9,028	8,294	8,656	8,644	Fla., Mich.
Eggplant, do	794	904	791	814	896	713	Fla., N. J.
Lettuce, 1,000 crates	13,219	16,061	17,144	19,369	18,382	20,325	Calif., Ariz.
Onions, 1,000 bushels	19,242	19,756	21,574	23,799	20,454	25,867	Tex., N. Y.
Peas, green, 1,000 tons	274	242	261	240	278	288	Wis., N. Y.
Peppers, 1,000 bushels	3,681	3,459	3,912	3,536	4,466	44,103	Fla., N. J.
Pimientos, tons			13,190	16,480	15,920	20,060	Ga., Calif.
Potatoes, early Irish, 1,000 bushels	44,100	30,889	36,625	44,827	55,475	35,613	Va., N. J.
Spinach, 1,000 tons	107	105	128	141	141	189	Calif., Tex.
Strawberries, 1,000 quarts	318,121	228,675	276,385	320,991	334,331	331,441	La., Mo.
Tomatoes, 1,000 tons	1,686	2,322	1,375	1,628	1,394	1,846	Calif., N. J.
Watermelons, thousands	57,086	56,498	69,698	57,682	63,295	67,616	Ga., Fla.

Sources: Table 656, Bureau of the Census, Department of Commerce; Table 657, Bureau of Agricultural Economics, Department of Agriculture.

No. 658—ESTIMATED VALUE OF 22 PRINCIPAL CROPS AND OF 67 CROPS: BY STATES

NOTE.—Values are based on December 1 or seasonal farm prices. The 22 principal crops for which values are shown cover corn, wheat, oats, barley, rye, buckwheat, flaxseed, rice, potatoes, sweetpotatoes, all hay, tobacco, cotton, beans, broomcorn, grain sorghums, hops, oranges, red and alsike clover seed, peanuts, cranberries, and apples

[Values in million and tenths of millions of dollars]

Division and State	Value of 22 crops							Value of 67 crops	
	1923	1924	1925	1926	1927	1928	1929	1928	1929
United States	7,922.5	8,478.3	7,967.3	7,042.1	7,676.1	7,611.3	7,678.0	8,572.9	8,664.7
New England	181.7	157.4	209.6	186.6	163.3	141.0	194.7	147.8	202.2
Maine	50.4	45.4	94.1	74.6	58.1	40.0	83.5	41.1	85.1
New Hampshire	16.2	14.3	17.0	15.4	14.7	12.6	14.1	13.2	14.8
Vermont	33.1	33.8	32.5	32.4	28.2	27.0	29.0	29.3	31.5
Massachusetts	38.6	29.9	33.3	30.8	30.2	29.6	32.9	31.7	34.9
Rhode Island	3.1	2.7	3.1	3.2	2.6	2.6	2.9	2.7	3.0
Connecticut	40.3	31.3	29.6	30.2	29.5	29.2	32.3	29.8	32.9
Middle Atlantic	504.9	497.4	553.9	480.5	449.1	396.0	439.5	457.4	500.0
New York	244.5	228.6	253.9	219.4	199.6	177.7	195.8	210.9	227.4
New Jersey	38.5	36.1	42.1	37.2	35.0	29.4	33.9	50.0	57.1
Pennsylvania	221.9	232.7	257.9	223.9	214.5	188.9	209.8	196.5	215.5
East North Central	1,355.0	1,471.8	1,416.1	1,274.1	1,214.5	1,291.7	1,291.6	1,366.2	1,365.8
Ohio	286.4	273.9	271.0	261.6	232.9	231.2	249.8	246.7	261.9
Indiana	232.5	240.7	224.3	202.5	192.2	200.2	204.2	213.7	218.4
Illinois	423.2	510.6	426.8	360.0	356.5	431.7	412.7	447.0	433.4
Michigan	196.8	210.5	221.1	206.0	185.8	192.2	183.9	208.6	198.4
Wisconsin	216.1	236.1	272.9	244.0	247.1	236.4	241.0	250.2	253.7
West North Central	1,852.7	2,480.6	2,073.1	1,777.0	2,144.2	2,106.3	2,052.3	2,144.6	2,098.9
Minnesota	266.7	373.6	331.1	290.1	287.8	280.2	313.8	284.8	319.2
Iowa	443.2	490.7	444.2	405.7	448.0	490.9	502.6	496.9	510.0
Missouri	285.7	293.9	278.6	246.0	238.3	254.6	235.1	269.1	252.7
North Dakota	148.1	329.6	259.1	176.9	256.6	235.9	181.3	237.0	183.0
South Dakota	180.0	228.4	174.2	113.2	225.3	157.9	183.1	160.2	185.6
Nebraska	270.4	349.3	300.7	241.7	359.9	315.4	334.6	323.5	343.7
Kansas	258.6	415.1	285.2	303.4	328.3	371.4	301.8	373.1	304.7
South Atlantic	1,109.7	939.7	942.8	886.4	983.5	897.5	934.7	1,071.6	1,102.6
Delaware	12.3	11.8	12.6	10.5	11.7	11.6	11.4	15.0	16.5
Maryland	56.6	56.3	60.1	55.8	57.5	51.5	53.2	59.9	65.7
Virginia	161.3	151.6	140.1	143.6	154.0	141.3	153.7	153.5	164.4
West Virginia	62.6	54.5	61.4	60.0	57.1	56.8	57.7	58.9	59.5
North Carolina	378.2	278.3	294.9	278.8	299.9	276.0	265.2	308.1	291.2
South Carolina	205.9	143.2	135.9	115.1	136.9	117.8	130.8	141.6	154.5
Georgia	188.9	206.1	185.6	169.4	208.3	186.4	209.8	225.1	244.0
Florida	43.9	37.9	52.2	53.2	58.1	56.1	52.9	109.5	106.8
East South Central	716.8	738.4	770.1	601.3	679.4	689.1	757.7	791.7	858.4
Kentucky	212.5	195.3	175.3	154.9	153.5	185.7	186.3	193.2	193.4
Tennessee	169.7	182.7	162.0	149.9	154.1	162.6	183.0	184.5	203.1
Alabama	177.0	182.2	188.5	140.3	182.6	161.3	171.9	193.2	200.0
Mississippi	157.6	178.2	244.3	156.2	189.2	179.5	216.5	220.8	261.9
West South Central	1,406.5	1,403.9	1,078.1	1,031.4	1,126.1	1,200.4	1,053.5	1,407.8	1,238.3
Arkansas	165.6	195.8	191.5	154.5	163.6	172.8	180.2	208.4	214.4
Louisiana	115.5	104.5	141.0	96.3	106.5	115.6	122.0	154.5	164.8
Oklahoma	239.3	351.8	251.2	263.8	243.8	266.5	226.8	289.2	248.6
Texas	886.1	751.8	494.4	516.8	612.2	645.5	524.5	755.7	610.5
Mountain	371.0	395.4	437.5	372.4	432.4	421.9	438.5	482.6	511.3
Montana	86.5	117.4	101.4	96.9	137.1	117.8	88.8	120.7	92.7
Idaho	71.7	73.0	103.7	82.6	95.3	85.6	96.8	91.2	103.7
Wyoming	26.7	23.7	27.6	26.6	27.7	28.2	33.4	31.6	37.9
Colorado	102.2	92.1	112.0	82.7	87.7	86.4	104.5	111.7	137.2
New Mexico	20.1	30.8	22.0	26.8	22.7	28.1	36.1	30.2	38.1
Arizona	29.1	28.1	27.6	22.3	28.1	36.3	36.8	47.3	50.7
Utah	25.7	22.3	33.0	25.8	26.0	29.4	30.4	39.7	39.1
Nevada	9.0	8.0	10.2	8.7	7.8	10.1	11.7	10.2	11.9
Pacific	424.4	393.9	486.0	432.2	483.9	467.4	515.4	703.2	787.1
Washington	123.8	107.1	147.6	120.9	144.5	122.0	136.8	134.5	150.6
Oregon	71.2	59.4	76.8	67.0	80.3	77.7	82.9	88.7	97.4
California	229.4	227.4	261.6	244.3	259.1	267.7	295.7	480.0	539.1

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. 857. The approximate weights of units of measurements for other products are as follows: Number of pounds to a bushel—sweetpotatoes, 54; grain sorghums, 56; clover seed, 60. Number of pounds to a bushel of cranberries, 100; to a box of oranges, California, 70, Florida, 80. Figures for 1929 are preliminary.

Yearly average or year	Corn					Wheat				
	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	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	1,366,651	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
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	1,197,263	13.6	143.7
1921	103,740	3,068,569	1,297,213	29.6	42.3	63,696	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	797,394	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	100,673	2,818,901	2,119,046	28.0	75.2	58,272	914,876	887,184	15.7	97.0
1929	98,018	2,622,189	2,048,134	26.8	78.1	61,141	806,508	840,921	13.2	104.3

Yearly average or year	Oats					Rye				
	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	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	1,892	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
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	41,734	1,439,407	589,048	34.5	40.9	3,480	43,366	37,290	12.5	86.0
1929	40,217	1,238,654	538,445	30.8	43.5	3,225	40,629	35,371	12.6	87.1

[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	Barley					Buckwheat				
	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	1,196	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	64,829	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
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	194,953	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	160,646	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	12,598	357,487	197,459	28.4	55.2	749	13,148	11,511	17.6	87.5
1929	13,212	307,105	168,807	23.2	55.0	729	11,505	11,241	15.8	97.7

Yearly average or year	Rice (rough)					Flaxseed				
	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*
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
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	32,498	45,009	38.2	138.5	3,469	31,547	71,728	9.1	227.4
1925	889	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	977	43,240	38,277	44.3	88.5	2,675	19,928	40,098	7.4	201.2
1929	893	40,217	39,346	45.0	97.8	2,990	16,838	47,871	5.6	284.3

[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	92,908	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	600	54,563	36,457	90.9	66.8
1911–1915	3,689	362,910	219,137	98.3	61.9	629	60,257	42,525	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	369,765	106.9	93.8	929	84,291	84,152	90.8	99.8
1913	3,668	331,525	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	97,126	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	453,396	263,355	105.3	58.1	1,117	109,394	84,295	97.9	77.1
1923	3,816	416,105	324,889	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	3,837	465,350	249,450	121.3	53.6	810	77,661	71,096	95.9	91.5
1929	3,370	357,451	469,701	106.1	131.4	822	84,661	80,15	103.0	94.5

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	31,364	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	283,914	------ 54.40
1921–1925	37,616	11,518	1,276,329	146.4	22.2	------	5,114	174,318	------ 34.34
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	631,460	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	1,571,829	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	16,104	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	------	5,758	206,960	------ 35.93
1928	45,341	14,478	1,301,796	152.9	18.0	------	6,435	226,880	------ 35.39
1929	45,793	14,828	1,217,829	155.0	16.4	------	6,590	------	------

[1] Farm value as of Dec. 1. [2] Value based on yearly average price; statistics for 1929 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
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	1,569	16,171	46,575	10.3	2.88	1,142	864,549	35,016	757.0	4.0
1928	1,641	17,647	73,782	10.8	4.18	1,211	855,096	38,434	706.1	4.5
1929	1,877	19,329	72,869	10.3	3.77	1,328	930,700	34,260	700.8	3.7
	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
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	237	40	4,380	337.6	109.50
1928	6,497	142,513	88,429	21.9	62.0	298	54	5,638	363.1	104.2
1929	5,921	100,845	71,617	17.0	71.0	284	44	5,339	308.5	121.9
	Clover seed (red and alsike)[8]					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	942	1,585	24,584	1.7	15.99	30	32,143	10,326	1,076	35.6
1921–1925	893	1,251	14,832	1.4	12.31	22	26,616	4,456	1,232	16.7
1917	821	1,488	19,107	1.8	12.84	30	29,388	9,795	983	33.3
1918	797	1,163	23,705	1.5	19.80	26	21,481	4,150	829	19.3
1919	1,006	1,545	40,976	1.5	26.52	21	24,970	19,376	1,189	77.6
1920	1,149	2,023	23,471	1.8	11.60	28	34,280	12,236	1,224	35.7
1921	900	1,422	14,296	1.6	10.05	27	29,340	7,080	1,087	24.1
1922	1,194	1,815	18,205	1.5	10.03	23	27,744	2,383	1,186	8.6
1923	753	1,028	12,387	1.4	12.05	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	617	961	15,590	1.6	16.22	26	32,944	6,365	1,257	19.3
1929	1,369	2,157	21,922	1.6	10.16	25	33,220	3,788	1,334	11.4

[1] Farm values as of Dec. 1.
[6] Grain sorghums for grain, 1917 and 1918; for all purposes thereafter.
[7] Average for 1919 and 1920.
[8] Includes sweet clover prior to 1924.

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 [9]				
	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	1,291,922	262,597	763	20.3
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	289,248	736	23.2
1923	59,868	89,250	1,261,486	1.49	14.13	1,877	1,515,110	301,096	807	19.9
1924	60,907	97,224	1,337,733	1.60	13.76	1,706	1,251,343	259,139	734	20.7
1925	58,013	85,431	1,190,103	1.47	13.93	1,757	1,376,628	250,774	783	18.2
1926	58,558	86,144	1,214,372	1.47	14.10	1,656	1,297,889	236,702	784	18.2
1927	60,885	106,001	1,202,953	1.74	11.35	1,585	1,211,909	256,882	765	21.2
1928	58,140	93,351	1,145,060	1.61	12.27	1,894	1,374,547	277,506	726	20.2
1929	60,996	101,715	1,244,256	1.67	12.23	2,016	1,500,891	285,583	744	[10] 10.0
	Cranberries					Oranges [11]				
	1,000 acres	*1,000 barrels* [11]	*1,000 dollars*	*Barrels*	*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
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	551	7,997	19.3	14.51	------	53,705	108,445	------	2.02
1929	29	542	7,088	19.0	13.09	------	33,100	120,525	------	3.64
	Onions (commercial crop)					Cabbage (commercial crop)				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel* [12]	*1,000 acres*	*1,000 short tons*	*1,000 dollars*	*Short tons*	*Dollars per ton* [12]
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	1,221	19,211	8.4	15.86
1928	80	20,454	24,099	256	118	137	984	23,163	7.1	23.53
1929	87	25,867	19,039	299	74	157	1,069	21,254	6.8	19.87

[1] Farm values as of Dec. 1.
[9] Beginning 1919 the unit price shown is the season average price and farm value is based thereon.
[10] Estimated season average price based on sales to Dec. 1.
[11] 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.
[12] Price for season.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 660.—COTTON AND COTTONSEED: AREA, PRODUCTION, AND FARM VALUE, BY STATES

NOTE.—Cotton production excludes linters. Figures for production of cotton and cottonseed in some cases differ slightly from Census figures on ginnings due to ginnings in one State of cotton grown in another. Blank spaces indicate data not available. Tons are of 2,000 pounds

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*
Alabama:									
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	118	24.3	299	12,851	42.98	95,317
1924–1928	3,382	1,228	106,836	173	17.9	545	17,128	31.43	123,964
1924	3,055	985	111,762	154	22.7	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	1,191	113,145	180	19.0	529	19,409	36.69	132,554
1928	3,534	1,109	100,919	150	18.2	492	18,696	37.10	119,615
1929 (prel.)	3,690	1,342	108,031	174	16.1	596	17,284	30.27	125,315
Arizona:									
1910–1913	131	67	11,408	250	34.4	30			
1914–1928	170	118	12,843	331	22.1	52	1,436	27.62	14,280
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	122	8,113	349	13.3	54	972	19.15	9,085
1927	139	91	11,648	315	25.6	41	1,220	29.76	12,868
1928	200	149	17,502	357	23.5	66	1,980	29.92	19,482
1929 (prel.)	226	153	17,212	324	22.5	68	1,768	25.49	18,980
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	156	24.3	402	14,813	36.85	119,848
1924–1928	3,470	1,298	110,608	178	17.7	576	16,626	28.86	127,234
1924	3,094	1,094	124,743	169	22.8	486	16,626	34.21	141,369
1925	3,738	1,600	128,770	205	16.1	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	3,681	1,246	113,386	162	18.2	554	20,775	36.15	134,161
1929 (prel.)	3,858	1,435	119,822	178	16.7	638	18,502	30.20	138,324
California:									
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	253	29.6	22			
1924–1928	161	119	11,638	346	20.1	53	1,565	29.53	13,203
1924	130	77	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	218	172	16,770	378	19.5	76	2,394	30.86	19,164
1929 (prel.)	309	260	23,400	402	18.0	115	3,105	26.52	26,505
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	76	25.8	8	316	39.50	2,420
1924–1928	89	26	2,198	136	17.7	12	351	29.25	2,549
1924	80	22	2,443	130	22.5	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	95	19	1,700	97	17.9	9	324	32.67	2,024
1929 (prel.)	94	29	2,422	145	16.7	13	390	28.57	2,812
Georgia:									
1909–1913	5,141	2,087	127,034	193	12.5	938	21,478	23.49	148,512
1914–1918	5,214	2,091	189,373	191	18.9	939	45,024	49.96	234,397
1919–1923	4,226	1,033	130,040	112	24.7	458	21,590	47.14	151,630
1924–1928	3,548	1,158	101,249	156	18.0	514	16,693	32.48	117,942
1924	3,046	1,002	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	3,728	1,030	93,730	132	18.2	457	16,909	37.05	110,639
1929 (prel.)	3,753	1,343	106,097	171	15.8	596	16,688	27.73	122,785

No. 660.—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*
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	120	23.7	149	5,588	37.50	45,079
1924–1928	1,800	694	59,524	183	17.7	308	8,701	28.25	68,225
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	1,990	691	61,844	166	17.9	307	9,978	32.47	71,822
1929 (prel.)	2,114	809	67,147	183	16.6	359	11,129	30.29	78,276
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	140	25.2	378	15,118	39.99	121,811
1924–1928	3,514	1,562	141,819	212	18.8	693	22,006	31.75	163,825
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	4,029	1,475	136,438	175	18.5	655	25,545	37.95	161,983
1929 (prel.)	4,166	1,915	164,690	220	17.2	851	27,658	32.41	192,348
Missouri:									
1909–1913	105	65	3,638	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	278	23.3	43	1,845	42.91	13,458
1924–1928	414	194	15,211	220	16.7	86	2,647	30.78	17,858
1924	493	193	22,179	185	23.0	86	3,440	40.00	25,619
1925	520	299	17,956	275	12.0	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	334	147	13,230	210	18.0	65	2,275	31.00	15,505
1929 (prel.)	341	220	18,370	308	16.7	98	3,038	31.59	21,408
New Mexico:									
1924–1928	108	71	6,781	315	19.3	32	898	28.06	7,679
1924	101	57	7,137	266	25.0	25	798	31.92	7,935
1925	107	66	6,644	298	20.0	30	916	30.52	7,560
1926	120	75	4,612	299	12.3	33	594	20.50	5,206
1927	95	70	6,930	352	19.8	31	936	30.18	7,866
1928	117	88	8,580	360	19.5	39	1,248	32.19	9,828
1929 (prel.)	130	90	7,965	333	17.7	40	1,120	26.59	9,085
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	16,278	49.59	84,052
1919–1923	1,557	881	107,678	269	24.3	390	17,060	43.74	124,738
1924–1928	1,919	967	85,792	240	18.2	429	14,364	33.48	100,156
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	539	11,858	24.56	81,606
1927	1,728	861	83,948	238	19.5	382	14,569	38.14	98,518
1928	1,860	836	77,330	215	18.5	371	14,840	38.78	92,170
1929 (prel.)	1,878	747	62,374	190	16.7	331	9,599	29.03	71,973
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	146	22.7	366	12,667	34.61	103,713
1924–1928	4,319	1,443	120,738	159	17.2	641	18,020	28.11	138,758
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	4,243	1,205	103,630	136	17.2	536	18,224	33.74	121,854
1929 (prel.)	4,275	1,143	89,726	128	15.7	508	15,748	30.94	105,474

No. 660.—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*
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	190	24.5	449	20,260	45.12	143,391
1924–1928	2,485	832	73,993	159	18.1	369	12,281	33.28	86,274
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	2,361	726	66,792	147	18.4	322	12,558	38.86	79,350
1929 (prel.)	2,216	830	68,060	179	16.4	368	10,304	27.91	78,364
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	178	23.8	138	5,694	41.26	41,949
1924–1928	1,077	421	35,603	186	17.3	187	5,809	31.06	41,412
1924	996	354	41,103	170	23.2	157	5,831	37.14	46,934
1925	1,173	515	41,737	210	16.2	229	6,396	27.93	48,133
1926	1,143	451	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	1,107	428	38,520	185	18.0	190	7,220	37.51	45,740
1929 (prel.)	1,136	515	42,488	217	16.5	229	6,641	30.02	49,129
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	138	23.6	1,530	54,243	35.45	463,117
1924–1928	17,415	4,840	422,016	133	17.7	2,151	63,809	29.66	485,825
1924	17,175	4,949	554,311	138	22.4	2,197	70,370	32.03	624,681
1925	17,608	4,163	385,112	113	18.5	1,849	59,113	31.97	444,225
1926	18,374	5,628	303,912	147	10.8	2,499	43,732	20.56	347,644
1927	16,176	4,352	419,968	129	19.3	1,938	66,241	34.18	486,209
1928	17,743	5,106	446,775	138	17.5	2,274	79,590	33.40	526,365
1929 (prel.)	17,500	3,940	315,200	103	16.0	1,755	56,160	31.82	371,360
Virginia:									
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	254	24.3	12	546	45.50	4,151
1924–1928	88	44	3,892	238	18.3	19	689	36.26	4,581
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	31	3,100	230	20.0	14	553	39.50	3,653
1928	79	44	4,004	265	18.2	19	779	41.00	4,783
1929 (prel.)	88	48	4,080	258	17.0	21	630	30.15	4,710
Other States:									
1924–1928	37	14	1,127	176	17.0	6	191	----------	1,318
1924	41	14	1,601	164	23.0	6	204	----------	1,805
1925	57	26	1,894	214	14.9	11	370	----------	2,264
1926	43	17	824	188	9.7	8	160	----------	984
1927	22	7	675	160	19.3	4	110	----------	785
1928	22	7	640	152	18.3	3	112	----------	752
1929 (prel.)	19	9	745	227	16.6	4	117	----------	862

Source: Bureau of Agricultural Economics, Department of Agriculture.

101965°—S A 1930——45

No. 661.—CORN: AREA, PRODUCTION,

NOTE.—Weight of a

Division and State	Acres					Yield per acre				
	1909–1913, average	1926	1927	1928	1929 (preliminary)	1909–1913, average	1926	1927	1928	1929 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	104,229	99,615	98,393	100,673	99,018	26.0	27.0	28.1	28.0	26.8
New England	198	220	224	217	222	42.5	42.4	39.1	42.4	41.1
Maine	16	13	14	13	13	41.2	35.0	37.0	40.0	40.0
New Hampshire	22	15	15	14	14	41.8	43.0	41.0	40.0	41.0
Vermont	45	84	84	80	88	39.6	43.0	39.0	44.0	41.0
Massachusetts	46	45	46	45	42	42.6	44.0	41.0	42.0	39.0
Rhode Island	11	9	10	10	10	39.8	41.0	38.0	39.0	42.0
Connecticut	58	54	55	55	55	46.2	42.0	38.0	42.0	43.0
Middle Atlantic	2,223	2,252	2,112	2,114	2,168	38.6	39.6	37.8	37.4	34.2
New York	521	670	663	650	676	36.0	35.0	34.0	34.0	31.1
New Jersey	270	188	179	181	183	36.6	46.0	40.0	38.5	36.0
Pennsylvania	1,432	1,394	1,270	1,283	1,309	39.8	41.0	39.5	39.0	35.5
East North Central	22,363	21,180	19,568	21,281	19,922	36.4	36.6	30.8	37.6	34.4
Ohio	3,950	3,591	3,376	3,646	3,518	39.0	41.0	32.5	37.5	36.5
Indiana	4,880	4,672	4,205	4,483	4,124	38.3	38.0	31.5	35.2	32.0
Illinois	10,311	9,205	8,469	9,570	8,900	35.0	35.0	30.0	38.4	35.0
Michigan	1,650	1,593	1,418	1,461	1,344	33.7	34.0	27.5	33.5	24.5
Wisconsin	1,572	2,119	2,100	2,121	2,036	35.6	34.5	32.5	42.0	40.0
West North Central	37,485	42,180	41,185	42,588	41,801	26.3	25.2	31.8	30.4	28.4
Minnesota	2,182	4,343	4,172	4,089	4,253	35.1	34.0	30.5	34.0	35.0
Iowa	9,709	11,170	10,901	11,202	10,944	35.2	39.0	35.5	41.5	40.0
Missouri	7,402	6,471	5,796	6,260	5,384	27.0	27.2	29.0	29.0	23.5
North Dakota	278	1,009	959	997	1,057	25.1	18.0	25.0	24.5	15.5
South Dakota	2,317	4,630	4,655	4,469	4,916	27.0	18.0	29.0	21.0	22.8
Nebraska	7,467	8,994	8,805	8,937	9,144	22.1	15.5	33.1	23.8	26.0
Kansas	8,130	5,563	5,897	6,634	6,103	15.9	11.0	30.0	27.0	17.5
South Atlantic	12,365	11,041	11,032	10,705	10,582	19.7	20.5	21.0	17.8	20.1
Delaware	194	138	135	136	132	32.5	31.0	35.0	33.0	32.0
Maryland	663	554	515	530	525	34.2	39.8	44.0	36.5	36.5
Virginia	1,952	1,694	1,626	1,626	1,522	24.5	27.5	29.5	27.5	29.0
West Virginia	708	485	441	459	441	29.6	33.0	33.5	36.0	31.5
North Carolina	2,690	2,376	2,352	2,305	2,259	18.3	22.0	22.8	18.5	21.5
South Carolina	1,791	1,426	1,497	1,422	1,422	18.2	15.5	17.0	12.0	16.4
Georgia	3,727	3,817	3,893	3,620	3,656	14.7	14.5	14.0	10.5	13.8
Florida	640	551	573	607	625	13.6	14.0	13.0	13.0	13.5
East South Central	12,612	10,911	10,547	10,359	10,323	22.1	24.7	21.3	17.1	22.0
Kentucky	3,557	3,069	2,885	3,029	2,938	27.0	33.0	26.0	22.0	27.5
Tennessee	3,326	3,099	2,944	2,915	2,944	24.3	27.5	24.0	19.5	25.0
Alabama	2,955	2,825	2,800	2,650	2,676	16.8	16.2	16.0	11.5	14.0
Mississippi	2,774	1,918	1,918	1,765	1,765	18.5	19.2	17.8	14.0	20.0
West South Central	16,347	9,350	11,452	11,016	10,615	17.3	24.5	22.7	23.8	17.2
Arkansas	2,401	2,026	1,925	2,002	1,882	20.4	20.5	19.0	17.0	14.0
Louisiana	1,776	1,127	1,161	1,242	1,180	21.0	17.5	17.5	17.0	18.2
Oklahoma	5,504	2,353	3,177	3,050	3,020	13.8	26.0	26.5	23.0	16.0
Texas	6,666	3,844	5,189	4,722	4,533	18.0	27.8	23.0	21.0	19.0
Mountain	535	2,280	2,072	2,190	2,169	20.8	11.4	18.4	15.6	17.3
Montana	20	359	305	274	301	28.3	11.0	23.5	19.0	12.0
Idaho	11	66	76	53	54	31.5	41.0	41.0	46.0	36.0
Wyoming	13	176	176	167	177	21.0	20.0	20.0	18.0	16.0
Colorado	377	1,398	1,284	1,438	1,366	18.7	7.0	15.5	13.0	17.0
New Mexico	89	221	166	199	209	44.0	20.0	15.0	17.5	20.0
Arizona	16	40	44	39	41	31.7	28.0	32.0	26.0	28.0
Utah	8	18	19	18	19	32.1	24.0	27.0	29.0	31.0
Nevada	1	2	2	2	2	31.1	24.0	25.0	22.0	28.0
Pacific	101	201	201	203	216	32.1	32.9	34.7	35.2	34.6
Washington	30	49	43	46	48	27.9	35.0	37.0	39.0	38.0
Oregon	19	75	81	82	86	28.9	33.0	36.0	36.0	35.0
California	52	77	77	75	82	35.7	31.5	32.0	32.0	31.0

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

bushel of corn, 56 pounds

Production					Farm value, Dec. 1					Division and State
					Amount				Per bushel, 1929	
1909–1913, average	1926	1927	1928	1929 (preliminary)	1926	1927	1928	1929 (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*	*1,000 dollars*	*Cents*	
2,712,364	2,691,531	2,763,093	2,818,901	2,622,189	1,728,970	1,997,759	2,119,064	2,048,135	78.1	U. S.
8,423	9,329	8,765	9,190	9,125	9,840	9,883	11,128	10,444	114.5	New Eng.
678	455	518	520	520	455	570	598	624	120	Me.
924	645	615	560	574	645	646	672	631	110	N. H.
1,767	3,612	3,276	3,520	3,608	3,431	3,440	3,872	3,788	105	Vt.
1,954	1,980	1,886	1,890	1,638	2,277	2,263	2,457	2,211	135	Mass.
417	369	380	390	420	424	456	526	588	140	R. I.
2,683	2,268	2,090	2,310	2,365	2,608	2,508	3,003	2,602	110	Conn.
85,700	89,252	79,867	79,105	74,082	71,665	73,376	75,172	74,779	100.9	Mid. Atl.
18,746	23,450	22,542	22,100	21,024	20,167	21,640	21,879	21,655	103	N. Y.
9,890	8,648	7,160	6,968	6,588	6,918	6,086	6,759	6,654	101	N. J.
57,064	57,154	50,165	50,037	46,470	44,580	45,650	46,534	46,470	100	Pa.
813,703	774,210	603,493	800,041	686,243	451,893	445,421	580,633	518,994	75.6	E. N. Cent.
154,084	147,231	109,720	136,725	128,407	88,339	84,484	103,911	100,157	78	Ohio.
187,009	177,536	132,458	157,802	131,968	88,768	90,071	108,883	97,656	74	Ind.
360,969	322,175	254,070	367,488	311,500	180,418	180,390	257,242	224,280	72	Ill.
55,505	54,162	38,995	48,944	32,928	39,538	33,146	41,113	29,306	89	Mich.
56,136	73,106	68,250	89,082	81,440	54,830	57,330	69,484	67,595	83	Wis.
984,468	1,061,405	1,309,642	1,125,543	1,186,154	644,650	854,943	870,723	835,709	70.5	W. N. Cen.
76,953	147,662	127,246	139,026	148,855	82,691	81,437	86,196	96,756	65	Minn.
342,030	435,630	386,986	464,882	437,760	243,953	267,020	311,472	306,432	70	Iowa.
200,135	176,011	168,084	181,540	126,524	119,687	126,063	132,524	108,811	86	Mo.
7,097	19,162	23,975	24,426	16,384	12,350	14,864	149,000	11,141	68	N. Dak.
62,318	83,340	134,995	93,849	112,085	48,337	76,947	58,186	69,493	62	S. Dak.
164,891	139,407	291,446	212,701	237,744	94,797	180,697	151,018	164,043	69	Nebr.
131,044	61,193	176,910	179,118	106,802	42,835	107,915	116,427	79,033	74	Kans.
243,586	226,352	231,152	190,679	212,196	186,543	203,889	192,518	202,671	95.5	S. Atl.
6,292	4,278	4,725	4,488	4,224	2,738	3,780	3,949	3,717	88	Del.
22,689	22,049	22,660	19,345	19,162	14,111	18,128	17,024	16,863	88	Md.
47,930	46,585	47,967	44,715	44,138	39,597	44,130	44,715	44,138	100	Va.
20,959	16,005	14,774	16,524	13,892	15,045	14,774	17,020	14,726	106	W. Va.
49,334	52,272	53,626	42,642	48,568	45,999	48,800	43,921	48,568	100	N. C.
32,620	22,103	25,449	17,064	23,321	19,893	22,904	18,088	23,088	99	S. C.
55,012	55,346	54,502	38,010	50,453	42,063	44,147	39,910	44,399	88	Ga.
8,750	7,714	7,449	7,891	8,438	7,097	7,226	7,891	7,172	85	Fla.
278,509	269,090	224,606	178,665	227,159	187,055	197,619	179,540	210,779	92.8	E. S. Cen.
95,802	101,277	75,010	66,638	80,795	65,830	66,009	63,972	73,523	91	Ky.
81,073	85,222	70,656	56,842	73,600	56,247	58,644	56,842	67,712	92	Tenn.
49,915	45,765	44,800	30,475	37,464	34,781	41,216	33,522	36,715	98	Ala.
51,719	36,826	34,140	24,710	35,300	30,197	31,750	25,204	32,829	93	Miss.
283,602	229,296	260,430	224,460	182,271	149,354	177,354	175,866	156,530	85.9	W. S. Cen.
49,115	41,533	36,575	34,034	26,348	33,226	31,820	30,971	25,821	98	Ark.
37,248	19,722	20,318	21,114	21,476	17,750	18,286	19,847	19,328	90	La.
76,663	61,178	84,190	70,150	48,320	34,260	49,672	47,702	38,173	79	Okla.
120,576	106,863	119,347	99,162	86,127	64,118	77,576	77,346	73,208	85	Tex.
11,133	25,981	38,167	34,072	37,583	21,294	28,411	26,218	30,552	81.3	Mountain.
548	3,949	7,168	5,206	3,612	3,633	5,161	4,269	3,034	84	Mont.
353	2,706	3,116	2,438	1,944	2,435	2,555	2,243	1,827	94	Idaho.
284	3,520	3,520	2,672	2,832	2,534	2,605	2,004	2,407	85	Wyo.
7,011	9,786	19,902	18,694	23,222	6,948	13,533	12,712	17,416	75	Colo.
2,143	4,410	2,490	3,482	4,180	3,845	2,316	3,099	3,720	89	N. Mex.
500	1,120	1,408	1,014	1,148	1,344	1,619	1,268	1,492	130	Ariz.
264	432	513	522	589	497	564	574	589	100	Utah.
30	48	50	44	56	58	58	49	67	120	Nev.
3,240	6,616	6,971	7,146	7,376	6,676	6,863	7,248	7,676	104.1	Pacific.
832	1,715	1,591	1,794	1,824	1,629	1,432	1,776	1,879	103	Wash.
556	2,475	2,916	2,952	3,010	2,475	2,770	2,952	2,950	98	Oreg.
1,852	2,426	2,464	2,400	2,542	2,572	2,661	2,520	2,847	112	Calif.

No. 662.—WHEAT: Area, Production,

Note.—Weight of a

Division and State	Acres					Yield per acre				
	1909–1913, average	1926	1927	1928	1929 (preliminary)	1909–1913, average	1926	1927	1928	1929 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	47,097	56,359	58,784	58,272	61,141	14.7	14.8	14.9	15.7	13.2
New England	4	8	5	5	5	25.3	20.0	18.4	19.2	22.0
Maine	3	6	4	4	4	25.0	20.0	18.0	20.0	23.0
Vermont	1	2	1	1	1	26.3	20.0	20.0	16.0	18.0
Middle Atlantic	1,685	1,516	1,459	1,484	1,468	17.4	19.6	19.2	15.6	17.6
New York	333	279	301	316	287	20.0	17.5	20.9	14.9	16.0
New Jersey	82	60	60	60	62	18.0	22.0	23.0	20.0	19.0
Pennsylvania	1,270	1,177	1,098	1,108	1,119	16.7	20.0	18.5	15.5	18.0
East North Central	7,070	6,893	6,956	4,336	6,823	15.6	19.7	16.4	13.6	17.2
Ohio	1,878	1,795	1,615	872	1,732	14.8	22.5	18.0	10.9	19.5
Indiana	2,017	1,703	1,790	910	1,631	14.4	20.0	15.5	11.0	17.0
Illinois	2,135	2,283	2,509	1,563	2,451	15.1	18.0	13.9	14.7	14.9
Michigan	860	984	897	887	905	16.0	18.3	21.5	16.0	18.6
Wisconsin	180	128	145	104	105	18.6	20.3	21.7	20.6	20.9
West North Central	26,993	28,504	30,631	31,810	31,652	13.2	11.7	13.2	15.4	11.6
Minnesota	4,030	1,929	1,763	1,532	1,372	14.9	12.9	11.9	15.0	14.5
Iowa	630	378	441	452	454	19.0	21.4	18.7	19.3	19.4
Missouri	2,083	1,403	1,568	1,511	1,730	14.8	15.3	10.0	12.7	10.0
North Dakota	8,108	9,653	10,246	10,810	9,918	11.0	8.0	12.7	14.0	9.4
South Dakota	3,603	1,917	3,037	3,360	3,114	10.8	6.1	14.9	10.4	9.7
Nebraska	2,951	3,077	3,630	3,672	3,548	16.8	13.0	20.3	19.0	15.9
Kansas	5,588	10,147	9,946	10,473	11,516	13.5	14.8	11.2	17.0	12.0
South Atlantic	2,476	2,058	2,133	2,029	2,082	12.6	17.7	13.3	14.2	14.0
Delaware	113	103	98	102	101	15.9	20.0	19.0	18.0	19.0
Maryland	602	520	525	530	541	15.1	23.0	17.5	16.5	17.5
Virginia	742	687	687	673	700	12.2	16.5	12.2	14.5	12.8
West Virginia	231	147	135	122	134	12.9	16.0	13.3	13.0	13.3
North Carolina	586	447	483	444	457	10.4	14.1	10.7	11.6	11.7
South Carolina	72	50	80	64	64	10.8	16.0	11.0	12.5	12.0
Georgia	130	104	125	94	85	10.8	15.0	9.2	11.0	10.0
East South Central	1,445	709	837	554	653	11.7	18.1	8.0	8.7	10.1
Kentucky	728	258	296	125	240	12.2	18.5	9.5	8.0	11.8
Tennessee	685	440	528	422	405	11.2	18.0	7.0	8.8	9.0
Alabama	27	7	7	4	4	11.3	13.4	10.6	11.0	10.0
Mississippi	5	4	6	3	4	12.6	17.0	17.0	20.0	17.0
West South Central	2,172	6,046	5,586	6,451	6,782	12.6	17.7	9.2	12.7	12.2
Arkansas	88	30	28	22	26	11.8	13.5	11.5	11.5	12.0
Oklahoma	1,436	4,214	3,708	4,413	4,236	12.0	17.5	9.0	13.5	10.5
Texas	648	1,802	1,850	2,016	2,520	13.2	18.2	9.7	11.0	15.0
Mountain	1,835	6,839	7,039	7,525	7,508	25.2	15.3	20.6	18.6	13.4
Montana	542	3,570	3,850	4,275	4,166	25.9	12.5	20.8	18.2	9.6
Idaho	480	1,045	1,171	1,160	1,083	27.5	23.6	27.6	24.8	23.6
Wyoming	67	198	226	243	233	26.7	18.8	18.5	16.0	14.3
Colorado	419	1,485	1,419	1,339	1,397	23.2	12.7	14.2	13.9	12.9
New Mexico	50	249	55	186	305	21.4	22.7	10.4	11.0	18.8
Arizona	25	38	58	47	42	27.9	25.0	25.0	27.0	27.0
Utah	220	237	242	257	266	24.0	23.2	23.5	26.7	24.1
Nevada	32	17	18	18	16	28.1	24.0	25.6	26.8	25.2
Pacific	3,417	3,786	4,138	4,078	4,168	21.2	18.9	23.9	21.7	19.3
Washington	2,207	2,107	2,261	2,271	2,430	21.9	19.4	25.8	21.4	18.5
Oregon	774	1,026	1,065	1,027	1,058	21.9	18.2	25.1	22.7	21.8
California	436	653	812	780	680	16.2	18.4	16.8	21.0	18.0

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

bushel of wheat, 60 pounds

Production					Farm value, Dec. 1					Division and State
					Amount					
1909–1913, average	1926	1927	1928	1929 (preliminary)	1926	1927	1928	1929 (preliminary)	Per bushel, 1929	
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	
690,108	831,381	878,374	914,876	806,508	996,308	979,813	887,184	840,921	104.3	U. S.
101	160	92	96	110	263	154	153	160	145.5	New Eng.
75	120	72	80	92	210	126	132	138	150	Me.
26	40	20	16	18	53	28	21	22	122	Vt.
29,297	29,740	27,972	23,073	25,900	38,545	35,387	30,064	31,505	121.6	Mid. Atl.
6,674	4,887	6,291	4,702	4,584	6,444	7,875	6,428	5,685	124	N. Y.
1,478	1,320	1,380	1,200	1,178	1,742	1,725	1,488	1,449	123	N. J.
21,145	23,533	20,301	17,171	20,138	30,359	25,787	22,148	24,371	121	Pa.
110,209	136,663	114,073	58,797	117,030	168,783	139,237	70,936	132,116	112.9	E. N. Cen.
28,918	40,384	29,068	9,475	33,770	51,286	36,335	12,388	39,172	116	Ohio.
30,255	34,048	27,749	10,040	27,723	42,216	34,406	12,429	31,048	112	Ind.
33,677	41,034	34,844	22,939	36,537	50,061	41,696	25,693	40,493	111	Ill.
14,030	17,998	19,270	14,202	16,810	21,958	23,124	18,164	18,994	113	Mich.
3,329	2,599	3,142	2,141	2,190	3,262	3,676	2,262	2,409	110	Wis.
356,084	333,224	405,591	488,919	364,296	395,978	444,057	442,117	363,099	99.7	W. N. Cen.
59,613	24,811	20,925	22,964	19,944	30,441	22,940	21,990	21,005	105	Minn.
12,000	8,078	8,236	8,723	8,794	9,688	9,623	8,730	9,314	106	Iowa.
31,011	21,474	15,700	19,194	17,300	26,630	19,146	23,188	19,546	113	Mo.
89,313	77,081	130,191	155,358	93,396	90,185	133,745	125,926	91,008	97	N. Dak.
38,608	11,611	45,386	34,928	30,247	13,682	47,990	20,641	28,271	93	S. Dak.
49,555	40,085	73,826	69,919	56,555	46,753	80,352	65,498	55,902	99	Nebr.
75,984	150,084	111,327	177,833	138,060	178,599	130,252	167,144	138,063	100	Kans.
31,320	36,371	28,425	28,909	29,094	48,844	38,135	39,590	36,977	127.1	S. Atl.
1,799	2,060	1,862	1,836	1,919	2,678	2,328	2,295	2,226	116	Del.
9,108	11,960	9,188	8,745	9,468	15,548	11,669	11,106	11,172	118	Md.
9,108	11,336	8,381	9,758	8,960	14,850	11,063	13,173	11,200	125	Va.
2,980	2,352	1,796	1,586	1,782	3,175	2,461	2,173	2,370	133	W. Va.
6,124	6,303	5,168	5,150	5,347	9,013	7,494	7,828	7,539	141	N. C.
784	800	880	800	768	1,240	1,338	1,288	1,152	150	S. C.
1,417	1,560	1,150	1,034	850	2,340	1,782	1,727	1,318	155	Ga.
16,965	12,855	6,684	4,818	6,585	17,357	9,186	6,842	8,532	129.6	E. S. Cen.
8,896	4,773	2,812	1,000	2,832	6,348	3,796	1,380	3,568	126	Ky.
7,705	7,920	3,696	3,714	3,645	10,771	5,137	5,311	4,811	132	Tenn.
304	94	74	44	40	160	115	69	61	152	Ala.
60	68	102	60	68	88	138	88	92	135	Miss.
27,395	106,946	51,639	82,005	82,590	126,892	62,161	84,279	84,125	101.9	W. S. Cen.
1,033	405	322	253	312	518	402	309	402	129	Ark.
17,418	73,745	33,372	59,576	44,478	87,019	40,046	59,576	44,033	99	Okla.
8,944	32,796	17,945	22,176	37,800	39,355	21,713	24,394	39,690	105	Tex.
46,169	104,400	145,038	139,917	100,639	114,115	142,431	121,172	96,263	95.7	Mountain.
13,593	44,744	80,208	77,998	40,098	50,123	77,089	65,036	38,181	95	Mont.
13,254	24,633	32,374	28,792	25,515	26,173	31,570	25,913	24,353	95	Idaho.
1,766	3,714	4,186	3,897	3,331	3,974	3,953	3,229	2,965	89	Wyo.
9,595	18,793	20,112	18,564	18,012	20,124	20,818	15,815	16,691	93	Colo.
1,064	5,653	570	2,054	5,742	6,242	676	2,201	5,495	96	N. Mex.
708	950	1,450	1,269	1,134	1,235	1,958	1,650	1,531	135	Ariz.
5,302	5,505	5,678	6,861	6,403	5,772	5,792	6,738	6,527	102	Utah.
887	408	460	482	404	472	575	590	520	129	Nev.
72,568	71,622	98,860	88,342	80,264	85,531	109,065	92,031	88,144	109.8	Pacific.
48,479	40,901	58,436	48,644	44,910	47,464	62,971	48,620	47,902	107	Wash.
16,945	18,706	26,782	23,318	23,114	22,447	29,996	24,083	25,554	111	Oreg.
7,144	12,015	13,642	16,380	12,240	15,620	16,098	19,328	14,688	120	Calif.

No. 663.—OATS: Area, Production,

Note.—Weight of a

Division and State	Acres					Yield per acre				
	1909-1913, average	1926	1927	1928	1929 (preliminary)	1909-1913, average	1926	1927	1928	1929 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	37,357	44,177	41,941	41,734	40,217	30.6	28.2	28.2	34.5	30.8
New England	241	256	243	233	229	37.7	37.5	37.4	34.2	38.3
Maine	132	136	124	120	122	38.5	38.0	37.0	35.0	40.0
New Hampshire	12	11	11	10	10	36.4	40.0	39.0	39.0	40.0
Vermont	76	82	83	79	74	38.1	38.0	39.0	34.0	37.0
Massachusetts	8	9	8	7	7	34.1	34.0	35.0	32.0	38.0
Rhode Island	2	3	2	2	2	28.7	32.0	32.0	28.0	30.0
Connecticut	11	15	15	15	14	31.6	32.0	32.0	27.0	30.0
Middle Atlantic	2,482	2,178	2,149	2,137	2,050	31.0	33.0	35.5	32.7	27.3
New York	1,280	1,017	1,000	1,020	989	31.3	34.0	35.0	33.0	24.9
New Jersey	70	50	49	50	47	29.5	33.0	36.0	30.0	30.0
Pennsylvania	1,132	1,111	1,100	1,067	1,014	30.7	32.0	36.0	32.5	29.5
East North Central	11,563	12,838	11,895	13,620	11,657	33.5	31.8	30.2	38.2	31.9
Ohio	1,836	1,980	1,900	2,413	1,689	35.2	38.0	32.0	37.0	29.5
Indiana	1,736	2,050	1,948	2,430	1,895	31.2	30.0	25.0	37.0	28.5
Illinois	4,263	4,661	4,008	4,649	4,231	34.1	26.5	25.5	37.5	33.5
Michigan	1,486	1,570	1,617	1,633	1,372	31.6	33.0	33.5	35.8	29.8
Wisconsin	2,242	2,577	2,422	2,495	2,470	33.7	37.5	38.5	43.5	34.5
West North Central	16,807	21,094	20,333	19,619	19,561	28.9	24.4	27.3	34.1	31.8
Minnesota	2,966	4,532	4,350	4,089	4,212	32.8	28.5	26.8	37.5	36.5
Iowa	4,902	6,218	6,001	6,004	5,944	33.8	31.5	32.0	38.5	37.0
Missouri	1,170	2,173	1,565	1,706	1,535	25.9	20.0	17.0	28.0	22.0
North Dakota	2,208	2,024	2,125	1,934	1,934	25.9	17.0	21.5	31.0	18.0
South Dakota	1,558	1,984	2,550	2,193	2,259	24.1	11.7	29.3	27.0	28.5
Nebraska	2,385	2,537	2,441	2,392	2,480	23.6	20.7	28.6	33.0	34.8
Kansas	1,618	1,626	1,301	1,301	1,197	25.6	21.6	23.5	29.0	23.6
South Atlantic	1,356	1,662	1,633	1,248	1,531	20.8	24.6	22.4	23.7	24.7
Delaware	4	4	4	4	3	30.1	28.0	29.0	30.0	28.0
Maryland	46	52	51	54	43	28.1	32.8	33.5	31.5	31.0
Virginia	193	186	186	182	167	20.9	26.0	21.5	25.5	23.0
West Virginia	110	207	217	204	216	24.2	28.0	24.2	28.0	26.0
North Carolina	220	310	273	191	258	17.9	22.0	21.0	22.0	24.0
South Carolina	338	416	449	337	408	21.5	25.2	23.0	23.0	27.0
Georgia	401	475	442	265	424	20.3	23.0	21.0	20.0	22.5
Florida	44	12	11	11	12	16.4	16.7	11.0	17.4	14.0
East South Central	879	633	543	604	661	20.3	24.2	18.1	23.2	20.1
Kentucky	166	259	215	305	290	22.5	24.5	19.0	26.0	21.5
Tennessee	311	276	179	188	197	21.0	25.0	17.0	21.5	18.0
Alabama	282	107	101	70	119	18.9	22.0	17.5	17.5	19.5
Mississippi	120	41	48	41	55	18.2	22.0	19.0	20.0	22.0
West South Central	1,825	3,577	3,357	2,491	2,708	25.8	35.6	20.2	25.4	27.2
Arkansas	205	243	207	155	186	23.3	22.0	20.0	22.0	26.0
Louisiana	37	30	35	44	48	21.1	26.6	17.5	24.5	25.0
Oklahoma	837	1,340	1,112	890	792	23.5	28.0	1·90	26.0	26.0
Texas	746	1,964	2,003	1,402	1,682	29.5	42.6	21.0	25.5	28.0
Mountain	1,366	1,200	1,148	1,123	1,180	42.2	28.8	38.2	35.1	27.1
Montana	425	641	596	554	554	46.1	26.0	40.0	36.5	17.0
Idaho	325	119	143	137	151	44.5	40.0	47.0	47.0	40.0
Wyoming	180	120	120	132	145	36.3	35.0	36.0	29.0	29.0
Colorado	289	195	189	193	212	38.0	24.0	29.0	31.0	31.0
New Mexico	45	54	30	36	43	34.2	28.0	22.0	20.0	27.0
Arizona	6	15	17	14	15	41.4	35.0	36.0	38.0	32.0
Utah	87	54	51	55	58	45.2	40.0	42.0	45.0	42.0
Nevada	9	2	2	2	2	42.5	32.0	40.0	40.0	35.0
Pacific	838	689	640	659	640	40.3	34.4	37.3	39.0	40.4
Washington	282	229	183	201	191	47.8	43.0	50.0	47.0	47.0
Oregon	354	304	310	304	304	37.5	29.0	34.0	36.0	41.0
California	202	156	147	154	145	34.6	32.5	28.5	34.5	30.6

Source: Bureau of Agricultural Economics, Department of Agriculture.

OAT CROP

AND FARM VALUE BY STATES

bushel of oats, 32 pounds

Production					Farm value, Dec. 1					Division and State
					Amount					
1909–1913, average	1926	1927	1928	1929 (preliminary)	1926	1927	1928	1929 (preliminary)	Per bushel, 1929	
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	
1,143,407	1,246,848	1,182,594	1,439,407	1,238,654	496,582	531,762	589,048	538,445	43.5	U. S.
9,084	9,606	9,078	7,961	8,764	6,010	6,099	5,554	6,001	68.5	New Eng.
5,078	5,168	4,588	4,200	4,880	3,256	3,120	2,940	3,416	70	Me.
422	440	429	390	400	286	300	254	280	70	N. H.
2,905	3,116	3,237	2,686	2,738	1,870	2,104	1,880	1,780	65	Vt.
280	306	280	224	266	214	196	157	186	70	Mass.
57	96	64	56	60	67	48	39	45	75	R. I.
342	480	480	405	420	317	331	284	294	70	Conn.
76,931	71,780	76,364	69,838	55,949	35,584	41,569	37,350	32,137	57.4	Mid. Atl.
40,071	34,578	35,000	33,660	24,626	17,289	19,250	18,176	14,283	58	N. Y.
2,082	1,650	1,764	1,500	1,410	825	935	795	804	57	N. J.
34,778	35,552	39,600	34,678	29,913	17,420	21,384	18,379	17,050	57	Pa.
387,565	408,704	359,121	520,522	371,673	153,479	162,977	208,820	157,840	42.5	E. N. C.
65,233	75,240	60,800	89,281	49,826	29,344	27,360	37,498	22,422	45	Ohio.
54,719	61,500	48,700	89,910	54,008	21,525	20,941	33,267	21,603	40	Ind.
145,117	123,516	102,204	174,338	141,738	43,231	43,948	66,248	56,695	40	Ill.
46,964	51,810	54,170	58,461	40,886	20,724	26,002	25,138	19,625	48	Mich.
75,532	96,638	93,247	108,532	85,215	38,655	43,827	46,669	37,495	44	Wis.
485,175	513,748	556,007	668,090	621,183	186,893	224,360	242,626	237,348	38.2	W. N. C.
97,294	129,162	116,580	153,338	153,738	43,915	46,632	53,668	56,883	37	Minn.
166,175	195,867	192,032	231,154	219,928	68,553	80,653	85,527	85,772	39	Iowa.
30,135	43,460	26,605	47,768	33,770	18,253	12,504	20,063	15,872	47	Mo.
57,627	34,408	45,688	59,954	34,812	11,355	15,991	17,986	11,140	32	N. Dak.
37,668	23,213	74,715	59,211	64,382	8,357	26,807	19,540	21,890	34	S. Dak.
55,986	52,516	69,813	78,936	86,304	21,006	27,925	29,996	32,796	38	Nebr.
40,290	35,122	30,574	37,729	28,249	15,454	13,758	15,84	12,995	46	Kans.
28,191	40,878	36,537	29,618	37,790	26,784	25,853	22,366	28,240	74.7	S. Atl.
120	112	116	120	84	66	79	72	48	57	Del.
1,301	1,706	1,708	1,701	1,333	853	922	953	786	59	Md.
4,038	4,836	3,999	4,641	3,841	3,047	2,559	2,970	2,573	67	Va.
2,670	5,796	5,251	5,712	5,616	3,420	3,361	3,599	3,594	64	W. Va.
3,935	6,820	5,733	4,202	6,192	4,706	4,128	3,278	4,644	75	N. C.
7,265	10,483	10,327	7,751	11,016	7,024	7,745	6,821	8,813	80	S. C.
8,136	10,925	9,282	5,300	9,540	7,538	6,962	4,505	7,632	80	Ga.
726	200	121	191	168	130	97	168	150	89	Fla.
17,823	16,502	9,808	14,017	13,311	9,354	6,153	8,479	8,561	64.3	E. S. C.
3,717	6,346	4,085	7,930	6,236	3,363	2,451	4,520	3,679	59	Ky.
6,549	6,900	3,043	4,042	3,546	3,795	1,826	2,425	2,199	62	Tenn.
5,354	2,354	1,768	1,225	2,320	1,601	1,238	919	1,763	76	Ala.
2,203	902	912	820	1,210	595	638	615	920	76	Miss.
47,174	127,330	67,943	63,379	73,724	48,966	31,871	31,822	37,741	51.2	W. S. C.
4,825	5,346	4,140	3,410	4,836	2,780	2,401	2,012	2,998	62	Ark.
782	798	612	1,078	1,200	511	404	701	840	70	La.
18,678	37,520	21,128	23,140	20,592	13,882	9,296	10,876	9,884	48	Okla.
22,889	83,666	42,063	35,751	47,096	31,793	19,770	18,233	24,019	51	Tex.
57,678	34,567	43,856	40,278	30,382	17,501	20,430	18,066	15,594	51.3	Mountain.
19,533	16,666	23,840	20,221	9,418	8,833	10,490	8,291	4,803	51	Mont.
14,492	4,760	6,721	6,439	6,040	2,142	3,360	3,091	2,899	48	Idaho
6,595	4,200	4,320	3,828	4,205	1,890	1,814	1,723	2,145	51	Wyo.
10,966	4,680	5,481	5,983	6,572	2,059	2,631	2,693	3,155	48	Colo.
1,542	1,512	660	720	1,161	847	370	432	697	60	N. Mex.
249	525	612	532	480	394	428	399	384	80	Ariz.
3,928	2,160	2,142	2,475	2,436	1,296	1,285	1,386	1,462	60	Utah.
373	64	80	80	70	40	52	52	49	70	Nev.
33,786	23,733	23,880	25,704	25,878	12,061	13,350	13,965	14,983	57.9	Pacific.
13,493	9,847	9,150	9,447	8,977	5,219	5,124	5,196	5,296	59	Wash.
13,292	8,816	10,540	10,944	12,464	4,408	5,586	5,581	6,980	56	Oreg.
7,001	5,070	4,190	5,313	4,437	2,434	2,640	3,188	2,707	61	Cal.

No. 664.—BARLEY: AREA, PRODUCTION,

NOTE.—Weight of a

Division and State	Acres					Yield per acre				
	1909-1913, average	1926	1927	1928	1929 (preliminary)	1909-1913, average	1926	1927	1928	1929 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	7,619	7,970	9,476	12,598	13,212	24.3	23.2	28.1	28.4	23.2
New England	17	10	10	10	11	29.1	30.0	28.2	26.2	30.4
Maine	4	4	4	4	4	28.3	30.0	27.0	28.0	31.0
New Hampshire	1					26.2				
Vermont	12	6	6	6	7	31.7	30.0	29.0	25.0	30.0
Middle Atlantic	87	198	211	200	198	26.2	28.2	29.0	27.5	22.5
New York	80	179	188	169	159	26.2	28.3	29.0	27.5	22.1
New Jersey		1	2	2	3		33.0	37.0	30.0	22.0
Pennsylvania	7	18	21	29	36	25.4	27.0	28.0	27.0	24.5
East North Central	983	1,095	1,449	2,086	1,536	26.7	32.3	31.1	31.7	28.4
Ohio	25	116	155	333	103	27.3	32.0	27.0	27.6	23.5
Indiana	9	23	35	78	31	26.3	25.0	23.8	23.0	22.0
Illinois	57	302	453	680	456	28.7	31.0	29.5	29.5	26.5
Michigan	90	133	186	270	243	25.1	28.5	28.5	30.0	23.0
Wisconsin	802	521	620	725	703	26.8	34.5	34.5	37.1	32.5
West North Central	4,491	4,327	5,482	7,737	8,677	20.5	18.0	27.3	27.2	21.2
Minnesota	1,488	1,307	1,460	2,000	2,200	23.2	25.0	30.0	30.0	27.0
Iowa	493	268	454	802	642	25.9	30.5	31.4	33.5	30.5
Missouri	6	9	7	13	14	23.8	24.0	23.0	22.0	17.0
North Dakota	1,162	1,472	1,663	2,179	2,550	19.2	14.3	25.5	25.5	14.2
South Dakota	1,007	778	1,200	1,680	2,016	17.3	10.1	30.0	21.7	18.5
Nebraska	117	227	246	430	647	17.9	20.7	30.8	32.6	29.2
Kansas	218	266	452	633	608	14.8	11.4	12.6	27.9	20.5
South Atlantic	14	39	42	59	74	28.2	30.0	26.0	26.2	26.7
Maryland	4	10	9	13	16	28.4	34.3	30.5	32.0	32.0
Virginia	10	14	13	14	18	26.4	31.0	26.0	29.0	28.0
North Carolina		15	20	32	40		26.0	24.0	23.0	24.0
East South Central	6	47	48	23	31	23.8	30.4	20.0	20.4	22.1
Kentucky	3	7	6	2	7	25.9	33.0	27.0	25.0	29.5
Tennessee	3	40	42	21	24	25.2	30.0	19.0	20.0	20.0
West South Central	14	284	231	210	260	22.1	31.9	16.1	21.3	25.0
Oklahoma	9	110	36	54	57	18.4	27.0	16.5	22.0	25.0
Texas	5	174	195	156	203	24.1	35.0	16.0	21.0	25.0
Mountain	352	744	860	1,069	1,254	37.6	23.4	30.0	29.2	23.6
Montana	37	150	195	209	251	33.6	24.0	33.0	30.5	16.0
Idaho	150	112	129	144	147	40.1	37.0	44.0	43.0	39.0
Wyoming	11	42	59	95	124	31.9	33.0	34.0	28.0	27.0
Colorado	79	380	410	547	651	33.7	16.0	22.0	24.0	21.0
New Mexico	2	8	8	12	13	31.4	26.0	18.0	19.0	25.0
Arizona	35	25	20	17	18	38.3	35.0	35.0	38.0	35.0
Utah	26	20	30	34	39	40.5	40.0	47.0	49.0	40.0
Nevada	12	7	9	11	11	40.0	40.0	45.0	35.0	33.0
Pacific	1,655	1,226	1,143	1,204	1,171	29.8	30.1	28.8	31.1	30.6
Washington	177	64	58	55	63	37.8	34.0	42.0	35.5	34.0
Oregon	115	82	91	105	116	33.6	28.0	35.0	35.0	37.0
California	1,363	1,080	994	1,044	992	28.3	30.0	27.5	30.5	29.6

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

bushel of barley, 48 pounds

Production					Farm value, Dec. 1					Division and State
					Amount				Per bushel, 1929	
1909–1913, average	1926	1927	1928	1929 (preliminary)	1926	1927	1928	1929 (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*	*1,000 dollars*	*Cents*	
184,812	184,905	265,882	357,487	307,105	106,237	180,200	197,459	168,807	55.0	U. S.
526	300	282	262	334	263	267	288	313	93.7	New Eng.
119	120	108	112	124	110	102	123	124	100	Me.
26										N. H.
381	180	174	150	210	153	165	165	189	90	Vt.
2,280	5,585	6,114	5,491	4,462	4,217	4,911	4,335	3,802	85.2	Mid. Atl.
2,093	5,066	5,452	4,648	3,514	3,800	4,362	3,625	2,952	84	N. Y.
	33	74	60	66	28	61	52	56	85	N. J.
187	486	588	783	882	389	488	658	794	90	Pa.
26,294	35,413	45,073	66,043	43,623	22,258	33,448	40,359	27,373	62.7	E. N. C.
675	3,712	4,185	9,191	2,420	2,301	3,013	5,515	1,476	61	Ohio.
242	575	833	1,794	682	380	608	1,058	423	62	Ind.
1,633	9,362	13,364	20,060	12,084	5,430	9,756	10,632	6,767	56	Ill.
2,249	3,790	5,301	8,100	5,589	2,464	4,029	5,670	3,856	69	Mich.
21,495	17,974	21,390	26,898	22,848	11,683	16,042	17,484	14,851	65	Wis.
92,286	77,704	149,895	210,451	184,081	39,758	91,231	101,892	86,553	47.0	W. N. C.
34,487	32,675	43,800	60,000	59,400	16,664	28,470	30,000	28,512	48	Minn.
12,714	8,174	14,256	26,466	19,581	4,577	9,409	14,292	10,182	52	Iowa.
154	216	161	286	238	173	153	229	190	80	Mo.
22,534	21,050	42,406	55,564	36,210	9,683	25,020	23,893	15,208	42	N. Dak.
17,237	7,858	36,000	36,456	37,296	4,086	20,880	17,499	16,783	45	S. Dak.
2,085	4,699	7,577	14,018	18,892	2,725	4,167	7,149	9,446	50	Nebr.
3,075	3,032	5,695	17,661	12,464	1,850	3,132	8,830	6,232	50	Kans.
395	1,167	1,092	1,558	1,976	1,055	1,060	1,582	2,133	107.9	S. Atl.
126	343	274	416	512	274	238	354	420	82	Md.
269	434	338	406	504	391	294	345	484	96	Va.
	390	480	736	960	390	528	883	1,229	128	N. C.
143	1,431	960	470	686	1,351	945	508	694	101.2	E. S. C.
78	231	162	50	206	199	147	46	204	99	Ky.
65	1,200	798	420	480	1,152	798	462	490	102	Tenn.
309	9,060	3,714	4,464	6,500	4,951	2,570	3,163	4,044	62.2	W. S. C.
177	2,970	594	1,188	1,425	1,723	386	772	898	63	Okla.
132	6,090	3,120	3,276	5,075	3,228	2,184	2,391	3,146	62	Tex.
13,246	17,373	25,796	31,279	29,646	10,686	16,018	18,394	18,365	61.9	Mountain.
1,244	3,600	6,435	6,374	4,016	2,304	3,861	3,569	2,731	68	Mont.
345	1,386	2,006	2,660	3,348	859	1,224	1,623	2,143	64	Wyo.
6,042	4,144	5,676	6,192	5,733	2,486	3,860	3,901	3,784	66	Idaho.
2,663	6,080	9,020	13,128	13,671	3,344	5,051	7,089	7,382	54	Colo.
72	208	144	228	325	135	101	171	263	81	N. Mex.
1,356	875	700	646	630	744	525	517	536	85	Ariz.
1,044	800	1,410	1,666	1,560	576	1,072	1,216	1,217	78	Utah.
480	280	405	385	363	238	324	308	309	85	Nev.
49,333	36,872	32,956	37,469	35,797	21,698	29,750	26,938	25,530	71.3	Pacific.
6,714	2,176	2,436	1,952	2,142	1,414	1,876	1,366	1,671	78	Wash.
3,884	2,296	3,185	3,675	4,292	1,492	2,452	2,646	3,305	77	Oreg.
38,735	32,400	27,335	31,842	29,363	18,792	25,422	22,926	20,554	70	Calif.

No. 665.—RYE AND RICE: AREA, PRODUCTION,

NOTE.—Weight of a bushel of rye,

RYE

Division and State	Acres					Yield per acre				
	1909–1913, average	1926	1927	1928	1929 (preliminary)	1909–1913, average	1926	1927	1928	1929 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	2,167	3,574	3,648	3,480	3,225	16.1	11.4	15.9	12.5	12.6
Massachusetts	4					17.2				
Connecticut	8					18.8				
New York	145	25	21	20	20	17.1	15.5	17.5	15.7	15.5
New Jersey	76	41	36	41	49	17.2	19.0	20.0	18.5	19.0
Pennsylvania	317	93	86	103	124	16.5	16.0	17.0	15.5	16.0
Ohio	65	50	35	30	57	16.2	17.5	16.0	13.3	15.6
Indiana	70	145	119	86	125	13.1	14.5	13.6	11.0	13.0
Illinois	58	83	62	62	75	16.9	15.0	14.5	14.5	14.5
Michigan	370	173	178	182	166	14.6	13.5	14.7	13.0	13.5
Wisconsin	343	256	238	167	185	17.0	15.0	17.0	13.0	16.0
Minnesota	207	440	383	421	396	19.3	13.5	18.3	15.0	17.5
Iowa	42	31	43	49	50	18.3	17.5	15.0	15.5	16.0
Missouri	15	24	16	19	20	14.8	12.9	11.0	12.0	10.0
North Dakota	50	1,222	1,381	1,298	935	15.2	7.6	16.7	11.0	9.0
South Dakota	29	103	154	162	186	15.4	6.2	18.0	9.0	11.0
Nebraska	76	253	274	249	262	15.2	10.3	15.0	14.0	14.1
Kansas	34	41	45	27	19	13.8	11.7	12.8	16.2	12.5
Delaware	1	4	3	3	4	14.5	15.0	15.0	15.0	14.5
Maryland	25	15	14	15	17	14.9	18.0	15.3	15.0	16.5
Virginia	38	43	42	46	53	14.4	13.5	11.8	13.5	11.8
West Virginia	15	12	8	7	8	12.8	13.0	13.0	13.5	11.6
North Carolina	33	104	94	89	98	9.8	13.0	12.0	11.5	12.0
South Carolina	3	8	9	7	7	10.0	14.0	13.0	11.5	12.5
Georgia	13	22	26	22	18	9.5	12.0	10.0	10.0	9.5
Kentucky	18	18	14	7	15	12.6	15.5	11.0	12.4	11.0
Tennessee	14	32	26	25	32	11.4	14.0	8.0	8.2	8.0
Alabama	1					11.2				
Arkansas	1	1	1	1	1	10.9	11.0	10.0	9.0	9.0
Oklahoma	4	36	22	26	28	11.6	15.5	9.0	12.0	11.0
Texas	3	20	14	15	16	12.9	19.0	7.0	12.0	15.0
Montana	9	107	134	154	111	23.3	12.0	18.0	14.0	11.0
Idaho	3	3	3	3	3	21.6	15.5	16.0	16.0	14.0
Wyoming	2	51	54	40	40	20.5	14.0	12.5	10.0	9.0
Colorado	15	85	76	74	81	16.9	11.5	10.5	11.0	11.0
Utah	6	4	4	3	3	17.6	9.0	10.0	8.0	7.0
Washington	7	18	22	18	12	20.9	12.0	16.0	15.5	12.0
Oregon	17	10	10	8	8	17.0	13.0	16.0	15.0	14.0
Other States	30	1	1	1	1		18.0	6.0	12.0	18.0

RICE (ROUGH)

United States	716	1,034	1,012	977	893	33.3	40.4	44.2	44.3	45.0
South Carolina	12	5				22.7	17.0			
Georgia	3	3				26.9	20.0			
Florida	1					24.2				
Mississippi	2	1				31.8	18.0			
Arkansas	71	199	175	164	154	38.5	53.0	44.0	47.7	46.0
Louisiana	363	501	500	487	472	32.4	32.5	40.0	38.5	41.0
Texas	261	166	174	184	171	33.8	37.0	46.2	44.0	44.0
California	2	149	160	132	95	34.2	53.6	56.0	61.9	65.5
Other States	1	10	3	10	1		61.0	25.0	40.0	35.0

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

56 pounds; rice (rough), 45 pounds

RYE

Production					Farm value, Dec. 1					Division and State
					Amount					
1909–1913, average	1926	1927	1928	1929 (preliminary)	1926	1927	1928	1929 (preliminary)	Per bushel, 1929	
1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1 000 bushels*	*1,000 bushels*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Cents*	
36,093	40,749	58,164	43,366	40,629	33,991	49,609	37,290	35,371	87.1	United States.
55	-------	-------	-------	-------	-------	-------	-------	-------	-------	Massachusetts.
143	-------	-------	-------	-------	-------	-------	-------	-------	-------	Connecticut.
2,289	388	368	314	310	388	386	352	353	114	New York.
1,232	779	720	758	931	740	698	788	959	103	New Jersey.
4,641	1,488	1,462	1,596	1,984	1,443	1,535	1,708	2,103	106	Pennsylvania.
1,131	875	560	399	889	770	515	411	871	98	Ohio.
1,226	2,102	1,618	946	1,625	1,787	1,424	889	1,462	90	Indiana.
902	1,245	899	899	1,088	1,071	827	827	968	89	Illinois.
5,801	2,336	2,617	2,366	2,241	1,822	2,329	2,200	1,972	88	Michigan.
6,135	3,840	4,046	2,171	2,960	3,226	3,641	1,954	2,634	89	Wisconsin.
5,127	5,940	7,009	6,315	6,930	4,514	5,958	5,368	5,683	82	Minnesota.
739	542	645	760	800	444	555	654	680	85	Iowa.
252	310	176	228	200	350	194	242	214	107	Missouri.
880	9,287	23,063	14,278	8,415	6,780	18,450	10,851	6,395	76	North Dakota.
314	639	2,772	1,458	2,046	466	2,190	1,152	1,555	76	South Dakota.
1,056	2,606	4,110	3,486	3,694	1,981	3,165	2,684	2,807	76	Nebraska.
365	480	576	437	238	451	530	358	202	85	Kansas.
15	60	45	45	58	66	52	54	67	115	Delaware.
415	270	214	225	280	284	235	259	308	110	Maryland.
626	580	496	621	625	650	570	745	750	120	Virginia.
215	156	104	94	93	172	114	108	108	116	West Virginia.
463	1,352	1,128	1,024	1,176	1,690	1,523	1,485	1,646	140	North Carolina.
30	112	117	80	88	196	205	148	167	190	South Carolina.
114	264	260	220	171	422	429	385	323	189	Georgia.
296	279	154	87	165	301	185	115	201	122	Kentucky.
223	448	208	205	256	538	268	283	340	133	Tennessee.
11	-------	-------	-------	-------	-------	-------	-------	-------	-------	Alabama.
11	11	10	9	9	14	14	13	12	135	Arkansas.
49	558	198	312	308	502	196	287	277	90	Oklahoma.
21	380	98	180	240	369	93	185	221	92	Texas.
153	1,284	2,412	2,156	1,221	963	1,761	1,488	879	72	Montana.
65	46	48	48	42	34	36	35	36	85	Idaho.
49	714	675	400	360	478	466	288	245	68	Wyoming.
342	978	798	814	891	694	559	570	633	71	Colorado.
115	36	40	24	21	29	33	21	19	91	Utah.
150	216	352	279	144	216	317	251	137	95	Washington.
300	130	160	120	112	125	152	122	129	115	Oregon.
142	18	6	12	18	15	4	10	15	82	Other States.

RICE (ROUGH)

23,770	41,730	44,774	43,240	40,217	45,722	41,616	38,277	39,346	97.8	United States.
264	85	-------	-------	-------	102	-------	-------	-------	-------	South Carolina.
65	60	-------	-------	-------	66	-------	-------	-------	-------	Georgia.
15	-------	-------	-------	-------	-------	-------	-------	-------	-------	Florida.
58	-------	-------	-------	-------	22	-------	-------	-------	-------	Mississippi.
2,692	10,547	7,700	7,823	7,084	10,547	6,930	6,728	6,517	92	Arkansas.
11,754	16,282	20,000	18,750	19,352	17,096	17,400	16,875	18,965	98	Louisiana.
8,823	6,142	8,039	8,096	7,524	6,756	6,914	7,124	7,298	97	Texas.
74	7,986	8,960	8,171	6,222	10,462	10,304	7,190	6,533	105	California.
25	610	75	400	35	671	68	360	33	95	Other States.

No. 666.—POTATOES: AREA, PRODUCTION,

NOTE.—Weight of a bushel

Division and State	Acres					Yield per acre				
	1909–1913, average	1926	1927	1928	1929 (preliminary)	1909–1913, average	1926	1927	1928	1929 (preliminary)
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Bushels*	*Bushels*	*Bushels*	*Bushels*	*Bushels*
United States	3,677	3,120	3,476	3,837	3,370	97	114	116	121	106
New England	222	188	225	248	234	172	247	203	196	242
Maine	126	127	161	181	172	209	290	232	220	277
New Hampshire	17	11	12	12	11	133	165	150	138	166
Vermont	26	20	21	21	19	131	155	155	142	150
Massachusetts	25	13	14	15	14	116	155	100	108	133
Rhode Island	5	3	2	2	2	123	150	110	122	125
Connecticut	23	14	15	17	16	106	155	109	130	130
Middle Atlantic	731	496	547	587	554	91	118	117	125	102
New York	378	248	270	284	270	95	117	106	114	92
New Jersey	86	50	57	57	50	94	145	161	160	121
Pennsylvania	267	198	220	246	234	84	112	120	130	110
East North Central	1,056	695	782	838	717	95	109	89	112	83
Ohio	192	107	116	123	116	83	94	105	98	96
Indiana	89	48	53	61	55	81	80	95	109	84
Illinois	137	61	64	70	63	73	80	84	110	80
Michigan	350	249	289	306	263	101	120	80	117	70
Wisconsin	288	230	260	278	220	108	118	92	115	92
West North Central	800	718	777	887	819	82	87	100	111	78
Minnesota	238	298	328	354	312	107	100	101	110	83
Iowa	168	74	75	81	75	78	79	82	135	102
Missouri	94	81	68	85	81	64	80	83	121	68
North Dakota	50	94	113	141	145	97	80	102	105	48
South Dakota	57	55	60	67	67	76	60	115	90	66
Nebraska	116	73	84	105	92	64	73	106	96	97
Kansas	77	43	49	54	47	56	91	110	140	93
South Atlantic	255	355	378	449	375	83	96	123	123	116
Delaware	11	6	6	7	7	89	86	119	94	78
Maryland	40	39	43	47	40	84	90	122	115	100
Virginia	96	124	130	151	132	83	94	152	143	132
West Virginia	45	47	52	60	57	86	106	113	125	115
North Carolina	31	67	72	95	74	75	94	102	111	110
South Carolina	10	29	29	36	22	83	111	105	113	107
Georgia	12	19	17	22	20	79	63	77	76	79
Florida	10	24	29	31	23	89	118	105	125	118
East South Central	117	123	136	153	131	75	82	85	93	89
Kentucky	53	47	52	57	50	75	96	91	105	88
Tennessee	39	35	39	43	39	70	78	88	95	92
Alabama	15	29	33	38	28	81	70	75	74	86
Mississippi	10	12	12	15	14	85	71	78	89	87
West South Central	127	141	150	179	137	61	64	66	74	76
Arkansas	27	32	29	36	31	70	60	68	75	87
Louisiana	22	36	41	41	31	68	61	65	70	64
Oklahoma	31	43	45	63	44	54	67	65	80	75
Texas	47	30	35	39	31	55	70	66	69	77
Mountain	189	249	298	318	270	129	145	168	139	141
Montana	29	35	36	37	33	151	85	135	115	60
Idaho	31	91	115	116	102	175	178	212	170	168
Wyoming	10	13	17	21	19	116	112	137	112	110
Colorado	85	82	96	110	88	101	145	150	122	140
New Mexico	9	2	2	2	2	76	83	75	66	91
Arizona	1	4	4	3	3	95	55	80	74	80
Utah	16	17	22	23	18	165	145	135	144	185
Nevada	8	5	6	6	5	166	140	130	140	170
Pacific	180	155	183	178	133	139	143	151	132	133
Washington	60	67	79	70	56	150	160	170	135	155
Oregon	49	45	52	52	42	137	100	120	120	90
California	71	43	52	56	35	129	161	153	138	150

Source: Bureau of Agricultural Economics, Department of Agriculture.

AND FARM VALUE, BY STATES

of potatoes, 60 pounds

Production					Farm value, Dec. 1					Division and State
					Amount				Per bushel, 1929	
1909-1913, average	1926	1927	1928	1929 (preliminary)	1926	1927	1928	1929 (preliminary)		
1,000 bushels 357,699	*1,000 bushels* 354,458	*1,000 bushels* 402,741	*1,000 bushels* 465,350	*1,000 bushels* 357,451	*1,000 dollars* 501,186	*1,000 dollars* 388,741	*1,000 dollars* 249,450	*1,000 dollars* 469,701	*Cents* 131.4	U. S.
38,198	46,380	45,662	48,532	56,512	64,753	43,547	23,455	71,916	127.3	New Eng.
26,485	36,830	37,352	39,820	47,644	48,984	31,749	15,928	57,173	120	Me.
2,268	1,815	1,800	1,656	1,826	3,086	2,520	1,325	2,922	160	N. H.
3,422	3,100	3,255	2,982	2,850	4,340	4,069	2,535	4,275	150	Vt.
2,933	2,015	1,400	1,620	1,862	3,627	2,170	1,458	3,352	180	Mass.
614	450	220	244	250	810	341	220	450	180	R. I.
2,476	2,170	1,635	2,210	2,080	3,906	2,698	1,989	3,744	180	Conn.
66,557	58,442	64,197	73,476	56,612	95,363	77,550	46,391	86,853	153.4	Mid. Atl.
36,024	29,016	28,620	32,376	24,840	46,426	35,775	21,044	36,018	145	N. Y.
8,141	7,250	9,177	9,120	6,032	11,238	10,095	4,560	9,651	160	N. J.
22,392	22,176	26,400	31,980	25,740	37,699	31,680	20,787	41,184	160	Pa.
99,847	75,798	69,631	94,175	59,446	100,399	67,476	44,210	79,303	133.4	E. N. Cen.
16,090	10,058	12,180	12,054	11,136	17,099	14,616	9,040	17,261	155	Ohio.
7,322	3,840	5,035	6,649	4,620	6,336	5,538	4,654	6,930	150	Ind.
9,999	4,880	5,376	7,700	5,040	8,540	6,182	5,005	7,812	155	Ill.
35,289	29,880	23,120	35,802	18,410	35,856	20,808	14,321	23,012	125	Mich.
31,147	27,140	23,920	31,970	20,240	32,568	20,332	11,190	24,288	120	Wis.
65,903	62,188	77,642	98,635	63,735	84,673	54,144	38,726	73,421	115.2	W. N. Cen.
25,676	29,800	33,128	38,940	25,896	34,270	19,877	11,682	25,896	100	Minn.
13,311	5,846	6,150	10,935	7,650	9,938	6,150	5,577	10,710	140	Iowa.
6,107	6,480	5,644	10,285	5,508	11,016	6,491	6,171	8,262	150	Mo.
4,875	7,520	11,526	14,805	6,960	9,024	5,763	4,442	7,308	105	N. Dak.
4,328	3,300	6,900	6,030	4,422	5,247	3,795	2,412	5,085	115	S. Dak.
7,339	5,329	8,904	10,080	8,924	8,526	6,678	5,040	9,816	110	Nebr.
4,267	3,913	5,390	7,560	4,375	6,652	5,390	3,402	6,344	145	Kans.
21,216	34,237	46,347	55,351	43,332	56,636	63,714	37,249	56,815	131.1	S. Atl.
962	516	714	658	546	722	571	494	874	160	Del.
3,328	3,510	5,246	5,405	4,000	4,914	5,508	2,702	4,800	120	Md.
7,984	11,656	19,760	21,618	17,461	16,318	25,688	10,809	21,826	125	Va.
3,916	4,982	5,876	7,500	6,555	8,320	7,345	6,000	9,177	140	W. Va.
2,349	6,325	7,368	10,545	8,130	10,120	11,052	6,854	9,756	120	N. C.
813	3,219	3,034	4,068	2,354	5,472	5,765	2,644	3,296	140	S. C.
946	1,197	1,304	1,682	1,572	2,274	2,152	1,934	2,201	140	Ga.
918	2,832	3,045	3,875	2,714	8,496	5,633	5,812	4,885	180	Fla.
8,782	10,124	11,575	14,212	11,615	16,671	16,041	12,450	16,166	139.2	S. Cen.
4,005	4,512	4,732	5,985	4,400	6,994	6,152	4,788	5,940	135	Ky.
2,722	2,730	3,432	4,086	3,585	4,286	4,633	3,677	4,840	135	Tenn.
1,243	2,080	2,475	2,812	2,408	3,857	3,712	2,390	3,492	145	Ala.
812	852	936	1,329	1,222	1,534	1,544	1,595	1,894	155	Miss.
7,717	9,076	9,872	13,293	10,361	16,786	16,432	11,498	14,515	140.1	W. S. Cen.
1,920	1,920	1,972	2,700	2,697	3,552	2,958	2,160	3,776	140	Ark.
1,521	2,196	2,665	2,870	1,977	4,172	4,397	2,870	2,867	145	La.
1,672	2,860	2,925	5,038	3,294	4,862	5,265	3,778	4,282	130	Okla.
2,604	2,100	2,310	2,690	2,393	4,200	3,812	2,690	3,590	150	Tex.
24,376	36,070	50,189	44,253	38,128	42,083	29,541	21,355	45,484	119.3	Mountain.
4,323	2,975	4,860	4,255	1,980	3,570	3,159	2,340	3,366	170	Mont.
5,410	16,198	24,380	19,720	17,136	17,008	13,409	8,874	20,563	120	Idaho.
1,164	1,456	2,329	2,352	2,090	1,820	1,630	1,529	2,717	130	Wyo.
8,557	11,890	14,400	13,420	12,320	15,457	7,920	6,039	13,552	110	Colo.
687	166	150	132	182	290	180	125	273	150	N. Mex.
95	220	320	222	240	440	352	244	408	170	Ariz.
2,745	2,465	2,970	3,312	3,330	2,588	2,228	1,490	3,330	100	Utah.
1,395	700	780	840	850	910	663	714	1,275	150	Nev.
25,103	22,143	27,628	23,418	17,710	23,822	20,296	14,116	25,228	142.5	Pacific.
9,074	10,720	13,430	9,450	8,680	10,184	8,058	4,725	12,586	145	Wash.
6,851	4,500	6,240	6,240	3,780	4,500	4,680	4,368	5,292	140	Oreg.
9,178	6,923	7,956	7,728	5,250	9,138	7,558	5,023	7,350	140	Calif.

No. 667.—SWEET POTATOES AND TOBACCO: AREA,

NOTE.—Weight of a bushel of

SWEET POTATOES

State	Acres					Yield per acre				
	1909–1913, average	1926	1927	1928	1929 (preliminary)	1909–1913, average	1926	1927	1928	1929 (preliminary)
United States	*Thousands* 619	*Thousands* 819	*Thousands* 933	*Thousands* 810	*Thousands* 822	*Bushels* 93	*Bushels* 101	*Bushels* 101	*Bushels* 96	*Bushels* 103
New Jersey	23	17	15	15	15	130	145	126	145	140
Pennsylvania	1					109				
Ohio	1	3	3	3	3	106	105	133	120	125
Indiana	1	3	2	2	2	103	110	112	116	125
Illinois	9	13	10	10	10	95	110	103	98	102
Iowa	2	3	3	3	3	97	103	90	123	105
Missouri	7	10	12	11	12	85	112	112	105	110
Kansas	5	4	3	2	2	84	129	136	130	120
Delaware	5	9	8	7	8	127	139	110	140	145
Maryland	8	11	11	10	10	121	165	144	150	125
Virginia	36	43	43	44	45	198	125	135	144	149
West Virginia	2	3	2	2	2	103	110	110	102	120
North Carolina	80	84	89	80	78	96	90	114	98	117
South Carolina	49	47	53	49	50	93	80	100	86	115
Georgia	83	110	132	119	124	87	86	80	86	95
Florida	21	28	29	28	29	109	100	92	88	110
Kentucky	10	17	16	14	15	87	120	93	89	91
Tennessee	23	50	48	41	44	85	123	98	95	100
Alabama	67	65	78	70	74	91	100	98	93	103
Mississippi	55	55	69	55	59	91	104	112	110	130
Arkansas	20	34	38	28	26	85	108	116	90	66
Louisiana	59	79	99	74	80	88	90	98	90	93
Oklahoma	5	24	23	20	15	74	105	106	89	66
Texas	42	92	133	109	104	66	93	90	76	71
California	5	12	12	12	10	157	97	90	96	99
Other States		3	2	2	2		145	111	130	132

TOBACCO

United States	*Thousands* 1,223	*Thousands* 1,656	*Thousands* 1,585	*Thousands* 1,894	*Thousands* 2,016	*Pounds* 817	*Pounds* 784	*Pounds* 765	*Pounds* 726	*Pounds* 744
Massachusetts	6	6	7	8	7	1,646	1,448	1,223	1,245	1,450
Connecticut	17	22	24	25	21	1,651	1,340	1,223	1,190	1,316
New York	4	1	1	1	1	1,215	1,100	1,200	1,275	1,000
Pennsylvania	43	33	34	37	39	1,311	1,320	1,360	1,340	1,230
Ohio	94	44	30	40	52	866	846	819	795	768
Indiana	22	15	8	14	21	858	884	760	820	775
Wisconsin	40	29	31	37	37	1,190	1,150	1,070	1,300	1,220
Minnesota				1	2				1,200	1,200
Missouri	6	5	4	4	4	877	950	1,100	1,100	900
Maryland	27	31	32	31	32	707	840	818	660	800
Virginia	185	189	177	181	170	745	725	723	580	696
West Virginia	18	10	4	7	8	741	850	775	750	775
North Carolina	198	565	659	728	764	640	684	737	686	665
South Carolina	30	85	104	148	133	740	668	737	556	624
Georgia	2	52	82	122	110	822	770	725	690	817
Florida	3	6	9	12	12	834	968	935	768	900
Kentucky	430	426	290	388	473	813	842	697	775	765
Tennessee	95	136	88	109	129	786	781	780	737	794
Louisiana	3	1	1	1	1		400	400	405	378

Source: Bureau of Agricultural Economics, Department of Agriculture.

Production, and Farm Value, by States

sweet potatoes, 54 pounds

SWEET POTATOES

Production					Farm value, Dec. 1					
					Amount				Per bushel, 1929	State
1909–1913, average	1926	1927	1928	1929 (preliminary)	1926	1927	1928	1929 (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*	*1,000 dollars*	*Cents*	
57,355	82,703	94,112	77,661	84,661	78,956	77,615	71,096	80,015	94.5	U. S.
2,995	2,465	1,890	2,175	2,100	2,958	2,268	2,610	2,940	140	N. J.
109										Pa.
106	315	399	360	375	472	559	486	544	145	Ohio.
103	330	224	232	250	478	302	302	338	135	Ind.
851	1,430	1,030	980	1,020	1,930	1,184	1,078	1,326	130	Ill.
193	309	270	369	315	618	405	572	536	170	Iowa.
607	1,120	1,344	1,155	1,320	1,456	1,613	1,213	1,584	120	Mo.
421	516	408	260	240	697	449	286	324	135	Kans.
635	1,251	880	980	1,160	813	616	784	1,044	90	Del.
970	1,815	1,584	1,500	1,250	1,361	1,109	1,200	1,125	90	Md.
3,497	5,375	5,805	6,336	6,705	5,375	4,934	4,435	6,034	90	Va.
207	330	220	204	240	528	308	286	384	160	W. Va.
7,702	7,560	10,146	7,840	9,126	7,560	8,117	6,664	8,213	90	N. C.
4,594	3,760	5,300	4,214	5,750	3,760	4,240	3,582	4,888	85	S. C.
7,206	9,460	10,560	10,234	11,780	7,568	7,920	8,699	9,424	80	Ga.
2,323	2,800	2,668	2,464	3,190	3,500	2,268	2,834	3,350	105	Fla.
870	2,040	1,488	1,246	1,365	2,203	1,786	1,423	1,638	120	Ky.
1,948	6,150	4,704	3,895	4,400	4,305	3,998	3,700	4,180	95	Tenn.
6,023	6,500	7,644	6,510	7,622	5,525	6,497	5,859	6,860	90	Ala.
5,028	5,720	7,728	6,050	7,670	5,434	6,182	5,445	6,136	80	Miss.
1,731	3,672	4,408	2,520	1,716	3,488	3,526	2,268	1,973	115	Ark.
5,237	7,110	9,702	6,660	7,440	6,399	6,791	5,661	6,324	85	La.
350	2,520	2,438	1,780	990	2,520	1,950	1,691	1,138	115	Okla.
2,798	8,556	11,970	8,284	7,384	8,128	8,978	8,284	7,753	105	Tex.
851	1,164	1,080	1,152	990	1,280	1,242	1,267	1,436	145	Calif.
	435	222	261	263	600	373	457	523	199	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*	*1,000 dollars*	*Cents per lb.*[1]	
996,049	1,267,889	1,211,909	1,374,547	1,500,891	236,702	256,882	277,506	285,583	19.0	U. S.
9,374	9,412	8,683	9,462	10,730	3,294	3,099	3,227	4,764	44.4	Mass.
27,995	29,346	28,985	29,750	27,636	10,447	10,621	11,067	13,901	50.3	Conn.
4,892	1,320	960	1,020	800	251	173	197	152	19.0	N. Y.
56,333	43,560	46,240	49,580	47,601	4,574	6,011	6,941	8,521	17.9	Pa.
81,948	37,389	24,652	32,198	39,782	3,776	4,531	7,084	7,041	17.7	Ohio.
19,164	12,995	6,384	11,234	15,965	1,261	1,403	2,696	3,033	19.0	Ind.
47,984	33,350	33,170	48,100	45,140	4,602	5,315	7,023	7,222	16.0	Wis.
			1,200	1,800			144	270	15.0	Minn.
5,457	4,750	4,400	4,400	4,050	712	968	1,258	1,012	25.0	Mo.
18,800	26,040	26,176	20,460	25,600	6,171	6,020	5,586	6,016	23.5	Md.
137,529	137,032	127,971	104,864	118,320	24,118	22,828	16,778	20,706	17.5	Va.
13,024	8,500	3,488	5,100	6,588	1,114	855	1,367	1,647	25.0	W. Va.
126,204	386,460	485,683	499,408	508,060	102,025	106,850	97,385	93,991	18.5	N. C.
21,727	56,780	76,648	82,288	82,992	13,230	15,713	10,451	13,279	16.0	S. C.
1,306	39,963	59,088	84,387	89,870	9,591	11,440	11,139	16,806	18.7	Ga.
2,854	5,808	8,228	9,216	11,070	2,195	2,865	2,682	3,454	31.2	Fla.
349,263	358,568	202,269	300,700	361,845	38,008	43,349	75,175	65,856	18.2	Ky.
69,887	106,216	68,484	80,775	102,664	11,153	14,661	17,124	17,761	17.3	Tenn.
2,308	400	400	405	378	180	180	182	151	40.0	La.

[1] Estimated season average price based on sales to Dec. 1, 1929.

No. 668.—TAME HAY: Area, Production, and Farm Value, by States

NOTE.—Tons are of 2,000 pounds

Division and State	Acres			Yield per acre			Production			Farm value, Dec. 1, 1929 (preliminary)	
	1927	1928	1929 (preliminary)	1927	1928	1929 (preliminary)	1927	1928	1929 (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	60,885	58,140	60,996	1.74	1.61	1.67	106,001	93,351	101,715	1,244,256	12.23
New England	3,501	3,465	3,459	1.37	1.46	1.46	4,779	5,064	5,043	67,686	13.42
Maine	1,247	1,235	1,221	1.22	1.28	1.30	1,526	1,583	1,582	17,402	11.00
New Hampshire	463	459	461	1.27	1.41	1.44	588	647	663	8,950	13.50
Vermont	922	914	914	1.53	1.62	1.67	1,407	1,480	1,528	16,808	11.00
Massachusetts	466	460	466	1.45	1.56	1.48	674	717	692	13,286	19.20
Rhode Island	44	43	43	1.34	1.56	1.44	59	67	62	1,364	22.00
Connecticut	359	354	354	1.46	1.61	1.46	525	570	516	9,856	19.10
Middle Atlantic	8,182	7,768	7,743	1.57	1.48	1.46	12,835	11,528	11,295	143,968	12.75
New York	4,850	4,597	4,629	1.51	1.40	1.44	7,311	6,439	6,653	81,167	12.20
New Jersey	257	247	242	1.79	1.83	1.50	461	453	362	6,733	18.60
Pennsylvania	3,075	2,924	2,872	1.65	1.59	1.49	5,063	4,636	4,280	56,068	13.10
East North Central	15,202	13,869	15,207	1.65	1.41	1.74	25,149	19,598	26,492	279,702	10.56
Ohio	3,139	2,780	3,056	1.64	1.33	1.64	5,152	3,698	5,009	50,090	10.00
Indiana	2,027	1,864	2,163	1.47	1.37	1.63	2,980	2,558	3,517	35,522	10.10
Illinois	3,556	3,115	3,557	1.49	1.32	1.56	5,286	4,108	5,554	62,760	11.30
Michigan	3,036	2,832	2,989	1.56	1.51	1.68	4,745	4,277	5,022	53,735	10.70
Wisconsin	3,444	3,278	3,442	2.03	1.51	2.15	6,986	4,957	7,390	77,595	10.50
West North Central	14,692	14,018	15,053	1.91	1.69	1.72	28,079	23,685	25,957	272,824	10.51
Minnesota	2,454	2,355	2,499	2.07	1.81	1.78	5,080	4,269	4,457	47,244	10.60
Iowa	3,135	2,880	3,286	1.66	1.48	1.93	5,197	4,276	6,342	69,762	11.00
Missouri	3,553	3,571	3,899	1.46	1.28	1.34	5,197	4,567	5,211	54,194	10.40
North Dakota	1,040	1,080	1,304	1.87	1.88	1.17	1,944	2,028	1,529	12,996	8.50
South Dakota	1,105	1,086	1,151	2.06	1.52	1.70	2,271	1,655	1,955	17,008	8.70
Nebraska	1,727	1,550	1,532	2.40	2.16	2.33	4,145	3,351	3,572	37,506	10.50
Kansas	1,678	1,496	1,382	2.53	2.37	2.09	4,245	3,539	2,891	34,114	11.80
South Atlantic	4,576	4,499	4,298	1.17	1.16	1.13	5,349	5,212	4,860	77,344	15.91
Delaware	80	81	81	1.78	1.70	1.44	142	138	117	2,048	17.50
Maryland	443	430	420	1.65	1.75	1.54	733	754	648	8,878	13.70
Virginia	1,077	1,063	1,037	1.37	1.37	1.32	1,472	1,451	1,373	21,282	15.50
West Virginia	831	814	805	1.52	1.45	1.43	1,259	1,183	1,149	17,350	15.10
North Carolina	806	797	813	.94	.95	.95	761	756	776	13,813	17.80
South Carolina	441	434	365	.80	.87	.86	353	376	313	6,010	19.20
Georgia	803	792	691	.70	.62	.61	565	490	423	6,895	16.30
Florida	95	88	86	.67	.73	.71	64	64	61	1,068	17.50
East South Central	3,776	3,563	3,747	1.26	1.22	1.26	4,745	4,359	4,708	77,510	16.46
Kentucky	1,318	1,244	1,243	1.42	1.31	1.42	1,871	1,631	1,763	27,679	15.70
Tennessee	1,352	1,271	1,472	1.30	1.33	1.31	1,762	1,690	1,933	33,828	17.50
Alabama	615	590	590	.84	.77	.77	517	457	453	7,339	16.20
Mississippi	491	458	442	1.21	1.27	1.26	595	581	559	8,664	15.50
West South Central	2,116	2,135	2,214	1.29	1.26	1.16	2,736	2,681	2,576	36,413	14.14
Arkansas	643	625	603	1.14	1.09	1.05	730	683	631	10,096	16.00
Louisiana	278	297	285	1.28	1.43	1.14	356	424	326	4,434	13.60
Oklahoma	566	576	668	1.59	1.46	1.31	901	841	875	11,988	13.70
Texas	629	637	658	1.19	1.15	1.13	749	733	744	9,895	13.30
Mountain	5,361	5,358	5,616	2.39	2.23	2.10	12,808	11,939	11,796	144,159	12.22
Montana	1,274	1,294	1,446	2.12	1.98	1.42	2,706	2,558	2,050	25,420	12.40
Idaho	1,014	1,047	1,095	3.11	2.53	2.51	3,151	2,645	2,751	29,711	10.80
Wyoming	685	681	693	1.78	1.80	1.73	1,219	1,224	1,196	14,591	12.20
Colorado	1,225	1,187	1,203	2.17	2.08	2.23	2,658	2,467	2,677	30,786	11.50
New Mexico	196	186	197	2.21	2.19	2.27	434	407	447	8,091	18.10
Arizona	192	185	193	3.50	3.77	3.52	672	697	679	12,222	18.00
Utah	567	570	578	2.60	2.46	2.60	1,474	1,400	1,500	15,600	10.40
Nevada	208	208	211	2.38	2.60	2.35	494	541	496	7,738	15.60
Pacific	3,479	3,465	3,659	2.74	2.68	2.46	9,521	9,285	8,988	144,670	16.10
Washington	932	906	945	2.49	2.36	1.98	2,317	2,140	1,875	31,500	16.80
Oregon	898	905	931	2.28	2.26	2.08	2,048	2,041	1,935	28,251	14.60
California	1,649	1,654	1,783	3.13	3.09	2.90	5,156	5,104	5,178	84,919	16.40

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 669.—WILD HAY: AREA, PRODUCTION, AND FARM VALUE, BY STATES

NOTE.—Tons are of 2,000 pounds

Division and State	Acres			Yield per acre			Production			Farm value, Dec. 1, 1929 (preliminary)	
	1927	1928	1929 (preliminary)	1927	1928	1929 (preliminary)	1927	1928	1929 (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	**14,813**	**13,138**	**14,125**	**1.17**	**0.98**	**0.91**	**17,326**	**12,915**	**12,924**	**104,797**	**8.11**
New England	69	66	66	1.03	1.20	1.06	71	79	70	714	10.20
Maine	13	13	13	.95	1.05	1.10	12	14	14	123	8.80
New Hampshire	17	16	16	1.00	1.15	1.00	17	18	16	141	8.80
Vermont	13	13	13	1.10	1.30	1.10	14	17	14	111	7.90
Massachusetts	13	12	12	1.00	1.25	1.10	13	15	13	156	12.00
Rhode Island	2	2	2	1.00	1.10	1.15	2	2	2	30	15.00
Connecticut	11	10	10	1.20	1.30	1.10	13	13	11	153	13.90
Middle Atlantic	100	99	99	1.26	1.23	1.30	126	122	129	1,180	9.15
New York	68	68	68	1.14	1.09	1.25	78	74	85	731	8.60
New Jersey	17	16	17	1.50	1.65	1.50	26	26	26	269	10.35
Pennsylvania	15	15	14	1.45	1.45	1.30	22	22	18	180	10.00
East North Central	307	313	310	1.41	1.30	1.41	434	406	437	3,212	7.35
Ohio	5	7	6	1.45	1.13	1.50	7	8	9	56	6.20
Indiana	21	20	16	1.25	1.15	1.40	26	23	22	178	8.10
Illinois	34	41	37	1.40	1.12	1.30	48	46	48	470	9.80
Michigan	42	38	40	1.33	1.31	1.57	56	50	63	472	7.50
Wisconsin	205	207	211	1.45	1.35	1.40	297	279	295	2,036	6.90
West North Central	10,668	9,336	10,213	1.19	.95	.88	12,657	8,886	8,946	64,301	7.19
Minnesota	1,884	1,809	1,827	1.50	1.20	1.10	2,826	2,171	2,010	14,874	7.40
Iowa	281	264	280	1.27	1.16	1.35	357	306	378	3,289	8.70
Missouri	130	143	157	1.35	1.10	1.00	176	157	157	1,130	7.20
North Dakota	1,360	1,210	1,367	1.25	1.12	.70	1,700	1,355	957	6,316	6.60
South Dakota	3,010	2,107	2,634	1.10	.60	.65	3,311	1,264	1,712	12,155	7.10
Nebraska	3,056	2,903	3,048	1.00	.87	.87	3,056	2,526	2,652	19,625	7.40
Kansas	947	900	900	1.30	1.23	1.20	1,231	1,107	1,080	6,912	6.40
South Atlantic	122	119	116	1.11	1.13	1.10	135	134	128	1,692	13.22
Delaware	3	2	2	1.60	1.60	1.70	5	3	3	21	7.00
Maryland	3	3	3	1.40	1.68	1.45	4	5	4	41	10.30
Virginia	23	21	21	1.25	1.33	1.30	29	28	27	346	12.80
West Virginia	12	12	12	1.50	1.33	1.20	18	16	14	179	12.80
North Carolina	52	52	52	1.10	1.15	1.15	57	60	60	828	13.80
South Carolina	3	6	3	.68	.60	.85	2	4	3	46	15.20
Georgia	22	19	19	.78	.80	.75	17	15	14	183	13.10
Florida	4	4	4	.75	.85	.70	3	3	3	48	16.00
East South Central	139	165	132	1.13	1.16	1.05	157	192	139	1,645	11.83
Kentucky	32	58	29	1.40	1.40	1.35	45	81	39	437	11.20
Tennessee	50	50	48	1.20	1.20	1.10	60	60	53	636	12.00
Alabama	22	22	18	.75	.75	.80	16	16	14	192	13.70
Mississippi	35	35	37	1.02	1.00	.90	36	35	33	380	11.50
West South Central	948	860	970	.99	.97	.91	937	836	882	7,899	8.96
Arkansas	146	131	151	1.00	.85	.80	146	111	121	1,319	10.90
Louisiana	18	18	22	1.00	1.38	1.20	18	25	26	255	9.80
Oklahoma	565	492	556	.98	1.00	.88	554	492	489	3,668	7.50
Texas	219	219	241	1.00	.95	1.02	219	208	246	2,657	10.80
Mountain	2,048	1,764	1,806	1.12	.99	.95	2,287	1,752	1,714	18,756	10.94
Montana	865	606	636	1.15	.90	.75	995	545	477	5,342	11.20
Idaho	101	101	101	1.60	1.20	1.20	162	121	121	1,041	8.60
Wyoming	409	401	401	1.10	1.05	.95	450	421	381	4,534	11.90
Colorado	396	376	387	1.00	.90	1.10	396	338	426	4,388	10.30
New Mexico	30	33	34	1.00	.90	.90	30	30	31	450	14.50
Arizona	10	10	10	1.00	.50	1.00	10	5	10	135	13.50
Utah	77	77	79	1.30	1.30	1.60	100	100	126	1,134	9.00
Nevada	160	160	158	.90	1.20	.90	144	192	142	1,732	12.20
Pacific	412	416	413	1.27	1.22	1.16	522	508	479	5,398	11.27
Washington	30	31	28	1.75	1.50	1.40	52	46	39	530	13.60
Oregon	235	235	235	1.25	1.20	1.20	294	282	282	3,130	11.10
California	147	150	150	1.20	1.20	1.05	176	180	158	1,738	11.00

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 670.—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. The number of pounds to a bushel are as follows: Flaxseed, 56; grain sorghums, approximately, 56; beans, 60

Crop and State	Acres				Yield per acre				Production				Average farm price, 1929 [1]
	1926	1927	1928	1929 [1]	1926	1927	1928	1929 [1]	1926	1927	1928	1929 [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	2,907	2,837	2,675	2,990	6.7	9.1	7.4	5.6	19,335	25,847	19,928	16,838	284
Wisconsin	11	10	9	7	12.0	13.2	13.5	12.0	132	132	122	84	270
Minnesota	814	757	726	523	9.4	9.7	7.3	9.0	7,652	7,343	5,808	4,707	287
Iowa	15	19	19	11	11.6	12.0	10.4	11.3	174	228	198	124	275
North Dakota	1,380	1,242	1,143	1,463	5.5	8.2	8.0	4.7	7,590	10,184	8,344	6,876	287
South Dakota	475	594	554	637	5.8	10.0	6.5	5.9	2,755	5,940	3,601	3,758	280
Nebraska	7	7	8	17	8.7	10.0	8.0	7.6	61	70	64	129	280
Kansas	38	31	25	23	6.9	5.5	6.9	5.9	262	170	172	136	234
Montana	165	170	183	293	4.2	10.2	8.5	3.2	693	1,734	1,556	938	280
Other States	[2] 2	[2] 7	8	16	[2] 8.0	[2] 6.5	7.9	5.4	[2] 16	[2] 46	63	86	271
Grain sorghums, [3] total	6,690	6,723	6,497	5,921	20.6	20.4	21.9	17.0	137,515	137,358	142,513	100,845	71
Missouri	94	113	99	89	18.0	24.0	22.0	17.0	1,692	2,712	2,178	1,513	100
Nebraska	22	30	24	22	10.6	23.5	20.2	17.1	233	705	485	376	100
Kansas	1,345	1,547	1,284	1,091	15.0	21.0	22.3	18.0	20,175	32,487	28,633	19,638	70
Oklahoma	1,817	1,744	1,709	1,384	19.0	20.0	18.0	14.8	34,523	34,880	30,762	20,483	65
Texas	2,854	2,654	2,760	2,760	25.0	21.0	25.0	17.0	71,350	55,734	69,000	46,920	70
Colorado	227	234	256	205	5.0	10.0	10.5	11.0	1,135	2,340	2,688	2,255	80
New Mexico	195	171	188	203	21.0	14.0	18.0	22.0	4,095	2,394	3,384	4,466	65
Arizona	40	50	52	52	31.0	31.0	29.0	30.0	1,240	1,550	1,508	1,560	95
California	96	130	125	115	32.0	31.2	31.0	31.6	3,072	4,056	3,875	3,634	100
Beans, dry, total	1,677	1,569	1,641	1,877	10.6	10.3	10.3	10.3	17,707	16,171	17,647	19,329	377
New York	97	75	80	100	11.8	13.0	14.5	12.5	1,145	975	1,160	1,250	445
Michigan	552	566	538	694	12.0	8.5	11.0	8.2	6,624	4,811	5,918	5,691	370
Montana	43	32	40	50	10.0	20.0	14.5	10.5	430	640	580	525	360
Idaho	54	72	86	92	18.5	23.7	19.0	23.0	999	1,706	1,634	2,116	275
Wyoming	16	17	24	26	12.5	18.0	15.0	18.5	200	306	360	481	310
Colorado	378	281	309	294	3.6	5.5	4.5	6.5	1,361	1,546	1,390	1,911	270
New Mexico	195	195	214	225	4.3	5.0	4.0	7.5	838	975	856	1,688	260
California	305	296	307	334	18.8	16.3	17.3	15.2	5,734	4,825	5,325	5,075	495
					Lbs.	*Lbs.*	*Lbs.*	*Lbs.*	*Tons*	*Tons*	*Tons*	*Tons*	*Dolls. per ton*
Broomcorn, total	306	237	298	284	356	338	363	308	54,400	40,000	54,100	43,800	132
Illinois	40	28	21	21	420	380	440	425	8,400	5,300	4,600	4,500	175
Missouri	3	3	4	4	250	400	430	380	400	600	900	800	100
Kansas	31	27	43	42	327	375	450	340	5,100	5,100	9,700	7,100	115
Oklahoma	158	112	131	115	375	349	350	262	29,600	19,500	22,900	15,100	120
Texas	15	10	9	7	410	260	311	350	3,100	1,300	1,400	1,200	112
Colorado	30	35	52	55	225	330	360	330	3,400	5,800	9,400	9,100	112
New Mexico	29	22	38	40	300	220	272	300	4,400	2,400	5,200	6,000	115
									1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Cents per lb.*
Peanuts, [4] total	843	1,142	1,211	1,328	750	757	706	701	631,825	864,549	855,096	930,700	3.7
Virginia	138	152	152	160	990	810	928	913	136,620	123,120	141,056	146,080	3.9
North Carolina	180	211	205	220	1,030	954	1,050	1,020	185,400	201,294	215,250	224,400	4.0
South Carolina	8	11	10	10	675	775	690	735	5,400	8,525	6,900	7,350	3.4
Georgia	211	304	350	343	525	725	540	650	110,775	220,400	189,000	222,950	3.4
Florida	39	44	44	46	680	640	575	600	26,520	28,160	25,300	27,600	3.5
Tennessee	20	20	18	20	900	850	800	820	18,000	17,000	14,400	16,400	3.3
Alabama	140	230	225	260	570	680	560	550	79,800	156,400	117,600	143,000	3.0
Mississippi	8	9	10	10	650	725	600	640	5,200	6,525	6,000	6,400	6.5
Arkansas	10	11	12	18	675	800	720	575	6,750	8,800	8,640	10,350	5.0
Louisiana	10	13	12	16	552	625	450	595	5,520	8,125	5,400	9,520	6.5
Oklahoma	8	20	47	80	800	800	750	570	6,400	16,000	35,250	45,600	3.9
Texas	71	117	126	145	640	600	650	490	45,440	70,200	81,900	71,050	3.7

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

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 671.—ORCHARD CROPS: PRODUCTION, TOTAL AND IN LEADING STATES

NOTE.—The approximate number of pounds to a bushel are as follows: Apples, 45; peaches, 48; pears, 50

[In thousands of bushels]

State	1909	1919	1927	1928	1929
APPLES					
U. S	145,412	136,561	123,693	186,893	139,754
Me	3,636	4,829	2,236	1,400	3,360
N. H	1,108	1,364	1,100	1,000	974
Vt	1,460	960	990	560	1,029
Mass	2,550	3,187	2,520	2,700	2,650
Conn	1,541	1,395	1,045	1,500	990
N. Y	25,409	14,350	13,600	21,900	16,520
N. J	1,407	1,666	2,697	3,290	1,880
Pa	11,048	5,513	6,300	8,460	5,973
Ohio	4,664	2,976	5,600	5,880	2,660
Ind	2,759	926	1,249	2,520	1,170
Ill	3,093	4,673	4,450	7,150	4,725
Mich	12,332	5,843	4,288	5,400	7,020
Wis	2,232	1,306	1,200	2,160	1,749
Minn	1,044	1,028	854	1,230	726
Iowa	6,747	1,810	1,720	2,740	2,120
Mo	9,259	5,132	2,104	3,380	2,800
Nebr	3,321	907	850	470	868
Kans	1,356	1,749	1,925	820	1,310
Del	183	606	1,150	1,520	1,012
Md	1,823	1,519	1,700	2,190	2,200
Va	6,104	8,943	6,600	16,100	13,000
W. Va	4,225	4,189	5,000	8,750	5,600
N. C	4,776	1,938	1,825	5,040	2,628
Ga	896	417	595	1,400	680
Ky	7,368	1,281	720	5,700	2,000
Tenn	4,640	1,259	1,152	3,790	2,000
Ala	888	577	328	885	500
Ark	2,296	7,164	1,015	2,200	1,400
Okla	742	1,597	493	350	634
Idaho	660	3,646	6,000	5,500	5,500
Colo	3,559	3,418	2,592	3,020	2,460
N. Mex	417	939	456	675	1,035
Utah	350	760	660	880	500
Wash	2,672	21,569	25,343	33,500	26,656
Oreg	1,931	6,921	4,320	7,600	4,000
Calif	4,935	7,842	7,458	13,105	7,700
Other States	1,978	2,360	1,558	2,128	1,725
PEACHES					
U. S	35,470	50,686	[1]45,463	[1]68,369	45,998
N. Y	1,736	1,262	1,140	2,400	1,470
N. J	441	1,653	2,304	1,625	2,600
Pa	1,024	1,100	947	1,867	1,157
Ohio	1,036	618	1,326	1,742	494
Ind	1,174	82	242	605	726
Ill	1,223	450	1,122	1,638	3,600
Mich	1,687	448	578	1,156	816
Mo	1,485	1,263	340	655	1,261
PEACHES—continued					
Md	325	564	352	465	532
Va	243	682	400	880	928
W. Va	329	706	202	810	580
N. C	1,344	479	1,300	2,590	1,400
S. C	643	390	615	1,363	552
Ga	2,555	4,789	5,943	10,000	2,880
Ky	1,623	460	180	1,035	600
Tenn	1,579	1,285	638	2,190	1,225
Ala	1,417	1,083	540	1,350	504
Miss	1,157	776	279	635	444
Ark	1,902	3,341	1,628	3,000	2,635
Okla	358	2,925	760	480	1,100
Tex	730	4,621	800	1,612	1,953
Colo	692	721	892	650	1,000
Utah	143	884	561	612	542
Wash	84	1,545	250	1,470	1,250
Oreg	179	504	160	292	232
Calif	9,267	5,969	20,500	25,752	13,543
Other States	1,094	2,086	1,464	1,495	1,974
PEARS					
U. S	8,841	14,204	18,373	24,212	21,197
N. Y	1,343	1,830	1,872	1,800	1,152
N. J	463	402	420	502	338
Pa	379	421	400	620	272
N. C	84	112	100	234	205
S. C	66	99	68	133	104
Ga	150	178	104	245	174
Ohio	375	157	250	395	175
Ind	320	109	140	288	209
Ill	249	375	312	540	711
Mich	666	405	702	819	468
Mo	143	431	270	171	445
Kans	19	221	258	51	234
Del	105	98	128	108	248
Md	367	287	193	193	254
Va	74	288	130	230	330
Ky	252	55	34	116	129
Tenn	84	115	125	255	242
Ala	100	163	83	234	142
Miss	101	121	120	194	132
Ark	38	124	70	102	104
Okla	7	250	130	72	190
Tex	111	637	345	390	455
Colo	133	269	480	185	650
Wash	311	1,729	1,670	3,700	2,800
Oreg	375	761	1,900	2,700	2,650
Calif	1,928	3,953	7,542	9,355	7,751
Other States	598	615	527	530	633

[1] The production of peaches includes some estimated quantities not harvested or not utilized, as follows: 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; 1927, 1928, and 1929 estimates of Department of Agriculture.

No. 672.—ORCHARD CROPS: UNITED STATES PRODUCTION

[In thousands of bushels. For weights of the bushel see headnote table 671]

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	----------	----------	1922	202,702	55,852	20,705
1901–1905	182,672	38,166	----------	1923	202,842	45,382	17,845
1906–1910	154,454	39,684	----------	1924	171,725	53,848	18,866
1911–1915	215,572	49,027	11,341	1925	172,389	46,562	20,720
1916–1920	179,208	43,632	14,066	1926	246,609	[1] 69,865	25,249
1921–1925	169,732	46,849	17,887	1927	123,693	[1] 45,463	18,373
1899 (census)	175,398	15,433	6,625	1928	186,893	[1] 68,369	24,212
1909 (census)	145,412	35,470	8,841	1929	139,754	45,998	21,197

[1] Includes some estimated quantities not harvested or not utilized. See footnote Table 671.

No. 673.—ORCHARD CROPS: FARM PRICES PER BUSHEL

Division and State	Apples, Dec. 1					Peaches[1]					Pears[1]		
	1925	1926	1927	1928	1929	1925	1926	1927	1928	1929	1927	1928	1929
United States	$1.26	$0.75	$1.39	$0.99	$1.32	$1.38	$1.00	$1.18	$0.99	$1.36	$1.32	$1.02	$1.54
New England:													
Maine	.91	.85	1.00	1.00	1.10						1.70	1.50	1.85
New Hampshire	1.20	.90	1.30	1.10	1.25	2.00	1.50	2.20	2.40	2.00	1.70	1.70	1.60
Vermont	1.65	1.20	1.50	1.50	1.50						2.15	2.10	1.95
Massachusetts	1.50	.90	1.40	1.25	1.40	2.50	1.80	2.10	2.30	2.10	1.75	1.70	1.80
Rhode Island	1.70	1.00	1.80	1.30	1.50	3.00	1.70	2.10	2.30	2.50	1.80	1.80	2.00
Connecticut	1.65	1.00	1.70	1.30	1.80	2.80	1.70	2.20	1.90	2.00	2.00	1.60	2.00
Middle Atlantic:													
New York	1.12	.55	1.45	1.10	1.45	1.90	.90	1.90	1.45	1.80	1.50	1.45	1.85
New Jersey	1.40	.70	1.45	1.10	1.75	1.50	.70	1.50	1.35	1.15	1.00	1.00	1.60
Pennsylvania	1.46	.80	1.40	1.15	1.55	2.40	1.00	2.00	1.55	1.75	1.50	1.20	1.55
East North Central:													
Ohio	1.43	.90	1.50	1.30	1.80	2.15	1.25	1.95	1.55	1.95	1.25	.90	1.40
Indiana	1.45	.95	1.80	1.30	1.70	2.30	1.60	2.35	1.60	1.60	1.05	.75	.85
Illinois	1.40	.95	1.75	1.30	1.65	2.50	1.25	2.05	1.40	1.45	1.10	.85	.90
Michigan	1.00	.65	1.50	1.30	1.30	2.20	1.00	2.10	1.55	1.90	1.15	.95	1.35
Wisconsin	1.30	1.00	1.70	1.10	1.25								
West North Central:													
Minnesota	1.65	1.20	1.40	1.00	1.35								
Iowa	1.70	1.30	1.95	1.50	1.80	2.50	1.60	1.95	1.50	1.50	1.50	1.20	1.35
Missouri	1.30	1.05	1.80	1.25	1.35	1.80	1.25	1.90	1.55	1.40	1.15	1.15	.90
South Dakota	2.00	1.50	1.60	1.30	1.80								
Nebraska	1.95	1.50	1.40	1.40	1.40	2.35	1.50	1.60	2.00	1.65	1.60	1.90	1.50
Kansas	1.60	1.25	1.45	1.40	1.55	1.85	1.70	1.75	1.90	1.55	1.10	1.40	1.10
South Atlantic:													
Delaware	1.30	.50	1.60	1.10	1.35	1.55	.85	1.10	1.20	1.10	.60	.60	.50
Maryland	1.15	.50	1.25	.90	1.20	1.85	.75	1.50	1.30	1.20	.90	.90	.80
Virginia	1.12	.55	1.35	.85	1.10	1.90	1.00	1.60	1.40	1.00	1.15	1.05	.90
West Virginia	1.32	.70	1.60	.90	1.30	2.20	1.25	2.10	1.50	1.55	1.65	1.25	1.40
North Carolina	1.33	.85	1.65	.90	1.25	1.60	.90	1.70	1.15	1.40	1.35	1.10	1.20
South Carolina	1.70	1.40	1.75	1.25	1.50	1.35	1.00	1.50	1.10	1.35	1.30	1.10	1.25
Georgia	1.55	.95	1.70	1.10	1.40	1.40	.80	1.35	.90	1.15	1.35	1.00	1.05
Florida						1.65	1.60	1.75	1.35	1.70	1.15	.95	1.05
East South Central:													
Kentucky	1.65	.90	1.80	1.00	1.45	1.75	1.30	1.90	1.25	1.45	1.45	1.10	1.00
Tennessee	1.60	.85	1.80	1.10	1.40	1.55	1.05	1.70	1.10	1.25	1.45	1.05	1.05
Alabama	1.50	1.10	1.85	1.45	1.55	1.60	1.10	1.50	1.10	1.30	1.30	1.10	1.15
Mississippi	1.50	1.25	1.65	1.45	1.65	1.55	1.40	1.65	1.45	1.50	1.10	1.10	1.05
West South Central:													
Arkansas	.95	.75	1.55	1.20	1.30	1.50	1.05	1.40	1.20	1.20	1.30	1.20	1.20
Louisiana	2.00	1.00	1.50	1.50	1.75	2.00	1.50	1.80	1.60	1.70	1.40	1.35	1.35
Oklahoma	1.35	1.05	1.60	1.35	1.35	1.33	1.30	1.30	1.30	1.00	1.30	1.30	1.05
Texas	1.60	1.25	2.10	1.55	1.55	1.50	1.10	1.60	1.30	1.25	1.25	1.25	1.00
Mountain:													
Montana	1.75	1.20	1.30	.90	1.30								
Idaho	1.05	.70	1.10	.75	1.10	1.90	1.00	1.60	1.05	1.35	1.60	1.35	1.70
Wyoming	2.00	1.25	1.50	1.35	1.50								
Colorado	1.10	.70	1.10	.65	.95	1.90	1.10	1.20	1.20	1.45	1.40	1.05	1.50
New Mexico	1.50	.90	1.80	1.25	1.45	1.75	1.80	2.20	1.95	1.80	1.70	1.55	1.40
Arizona	2.20	1.60	1.90	1.90	1.85	1.70	1.70	2.30	2.00	1.80	2.50	2.50	2.45
Utah	.90	.80	1.10	.80	.95	2.00	.90	1.20	.95	1.00	1.70	1.40	1.50
Nevada	1.50	1.60	1.85	1.50	1.60	2.25	1.50	2.30	2.00	2.25	2.50	2.50	2.55
Pacific:													
Washington	1.30	.75	1.30	.90	1.30	1.85	.90	1.75	1.00	1.35	1.35	1.05	1.35
Oregon	1.25	.70	1.10	.90	1.10	1.80	1.20	1.60	1.40	1.10	1.40	1.00	1.40
California	1.15	.40	.90	.50	.90	.86	.94	.60	.55	1.35	1.30	.90	1.65

[1] Seasonal.

Source of Tables 672 and 673: Bureau of Agricultural Economics, Department of Agriculture.

No. 674.—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 beginning July 1—	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
1870–1874	281	72	(4)	72	95	[5] 13	111	(6)	(6)	(6)
1875–1879	347	96	(4)	96	78	20	152	(6)	(6)	(6)
1880–1884	476	131	1	130	87	64	195	(6)	(6)	(6)
1885–1889	542	153	1	152	73	119	196	(6)	(6)	(6)
1890–1894	759	285	14	271	63	145	266	(6)	(6)	(6)
1895–1899	812	327	48	279	56	256	174	10,844	3.0	7.5
1900–1904	1,141	542	194	348	115	389	94	13,321	4.1	8.6
1905–1909	1,685	801	440	361	255	489	141	15,784	5.1	10.7
1910–1914	2,203	937	652	285	363	593	309	19,796	4.7	11.1
1915–1919	2,517	1,009	789	220	466	594	447	18,910	5.3	13.3
1920–1924	2,846	1,162	951	211	477	622	585	22,101	5.3	12.9
1925–1929	3,420	1,120	1,001	119	662	864	773	28,481	3.9	12.0
1923	2,713	1,046	881	165	448	691	529	22,833	4.6	11.9
1924	3,387	1,178	1,090	[7] 88	660	769	780	26,624	4.4	12.7
1925	3,050	1,052	913	[7] 139	603	787	607	27,834	3.8	11.0
1926	3,150	944	897	[7] 47	629	811	766	26,531	3.6	11.9
1927	3,618	1,164	1,093	[7] 71	749	897	808	28,267	4.1	12.8
1928	3,509	1,193	1,061	[7] 132	587	899	[9] 830	30,237	3.9	11.7
1929 (preliminary)	3,727	1,218	1,018	[7] 200	743	[8] 913	[9] 853	29,537	4.2	12.7

[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] Unofficial. [9] Unofficial estimate of commercial crop.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 675.—SUGAR: PRODUCTION, TRADE, AND SUPPLY AVAILABLE FOR CONSUMPTION, CONTINENTAL UNITED STATES

Yearly average or year beginning July 1—	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*
1870–1874	72,508	----------	777,685	5,269	(8)	844,924	40.7
1875–1879	96,444	----------	830,375	23,820	(8)	902,999	38.1
1880–1884	131,073	----------	1,151,724	39,347	(8)	1,243,449	46.5
1885–1889	152,879	----------	1,414,647	43,136	(8)	1,524,389	50.9
1890–1894	284,346	----------	1,864,201	16,903	(8)	2,131,644	64.3
1895–1899	326,362	----------	1,943,678	5,660	(8)	2,264,380	62.2
1900–1904	542,788	500,764	1,839,377	7,301	(8)	2,875,638	71.7
1905–1909	808,015	751,650	1,956,304	32,423	(8)	3,483,547	78.9
1910–1914	985,511	1,038,605	2,187,469	91,554	15,164	4,104,886	85.7
1915–1919	1,069,086	1,066,272	2,834,957	642,023	44,538	4,283,754	83.3
1920–1924	1,232,959	1,314,489	3,721,100	448,697	36,102	5,783,849	104.4
1912	907,070	1,026,972	2,266,426	30,963	19,217	4,150,288	86.6
1913	1,088,844	936,376	2,463,252	37,190	11,892	4,439,489	91.3
1914	1,022,828	1,098,314	2,529,963	302,641	13,585	4,334,878	87.9
1915	1,078,407	1,102,057	2,689,067	882,864	12,213	3,974,453	79.4
1916	1,193,107	1,203,938	2,527,984	676,752	29,211	4,219,066	83.2
1917	1,068,437	975,684	2,344,816	305,429	46,131	4,037,377	78.5
1918	1,102,421	1,073,944	2,799,962	568,566	36,747	4,371,013	83.8
1919	903,060	975,735	3,812,955	776,502	98,386	4,816,862	91.1
1920	1,346,811	1,076,342	3,228,279	319,589	89,491	5,242,852	97.6
1921	1,424,726	1,340,867	3,940,777	1,085,349	31,397	5,589,624	102.4
1922	1,021,360	1,235,049	4,068,205	412,196	12,568	5,899,849	106.5
1923	1,111,898	1,274,870	3,436,955	152,883	24,617	5,646,223	100.2
1924	1,260,000	1,645,319	3,931,282	273,470	22,436	6,540,695	114.2
1925	1,121,000	1,981,482	3,895,947	325,804	24,998	6,647,627	114.4
1926	1,011,000	1,689,347	3,968,880	124,555	26,303	6,518,486	110.6
1927	1,246,000	2,051,659	3,415,830	115,566	29,833	6,568,090	110.1
1928	1,273,000	1,974,899	4,115,601	139,324	31,894	7,192,282	119.2
1929 (preliminary)	1,327,000	(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. 675.—Sugar: Production, Trade, and Supply Available for Consumption, Continental United States—Continued

Year beginning July 1—	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*
1921	1,325,906	1,260,894	3,686,397	1,009,377	29,182	5,234,638	95.9
1922	950,625	1,161,351	3,805,745	383,439	11,682	5,522,600	99.7
1923	1,034,615	1,198,777	3,214,883	142,217	22,943	5,283,115	93.7
1924	1,172,000	1,547,587	3,674,563	254,391	20,911	6,118,848	106.8
1925	1,043,000	1,859,332	3,634,323	303,073	23,298	6,210,284	106.8
1926	941,000	1,588,981	3,714,054	115,865	24,514	6,103,656	103.6
1927	1,159,000	1,930,732	3,196,443	107,704	27,805	6,150,955	103.1
1928	1,184,000	1,858,331	3,351,311	129,846	29,726	6,734,070	111.6
1929 (preliminary)	1,235,000	[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, 0.9393; Philippine Islands, 0.95; all others, 0.932.

No. 676.—SUGAR, RAW: Percentages Relating to Sugar Consumption in Continental United States

Yearly average or year beginning July 1—	Per cent of world production retained for consumption	Per cent of consumption from [1]—			Year beginning July 1—	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
1865–1869	[2]	5.6	14.1	80.3	1914	20.7	22.5	25.5	52.0
1870–1874	[2]	8.6	13.4	78.0	1915	21.1	25.4	27.7	46.9
1875–1879	[2]	10.7	13.5	75.8	1916	22.8	26.7	28.5	44.8
1880–1884	[2]	10.5	17.1	72.4	1917	19.9	25.0	24.1	50.9
1885–1889	[2]	10.0	18.8	71.2	1918	23.4	23.7	24.4	51.9
1890–1894	[2]	13.3	11.1	75.6	1919	27.0	17.4	20.1	62.5
1895–1899	20.9	14.4	13.4	72.1	1920	26.9	24.0	20.4	55.6
1900–1904	21.6	18.9	17.4	63.7	1921	27.3	24.0	23.9	52.1
1905–1909	22.0	23.0	21.6	55.3	1922	28.2	16.5	21.0	62.5
1910–1914	20.6	23.0	25.6	51.4	1923	24.6	18.6	22.7	58.7
1915–1919	22.8	23.5	24.8	51.8	1924	24.4	18.1	25.3	56.5
1920–1924	26.1	20.1	22.8	57.2	1925	23.7	15.9	29.9	54.2
1911	22.0	24.4	30.2	45.4	1926	24.4	14.6	26.0	59.4
1912	20.2	20.8	24.9	54.3	1927	27.5	15.0	26.4	58.6
1913	20.9	23.5	21.3	55.2	1928	27.7	14.2	23.5	62.2

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

No. 677.—SUGAR: Wholesale Prices of Raw and Refined, New York

[Cents per pound]

Yearly average or year	Raw, 96° centrifugal	Refined, granulated	Year and month	Raw, 96° centrifugal	Refined, granulated	Year and month	Raw, 96° centrifugal	Refined, granulated	Year and month	Raw, 96° centrifugal	Refined, granulated
1891–1895	3.4	4.4	1927			1928			1929		
1896–1900	4.0	4.8	Jan	5.1	6.2	Jan	4.5	5.7	Jan	3.8	5.0
1901–1905	3.9	4.8	Feb	4.9	6.0	Feb	4.3	5.6	Feb	3.7	4.9
1906–1910	3.9	4.7	Mar	4.8	5.8	Mar	4.5	5.7	Mar	3.7	4.8
1911–1915	*4.1*	*5.0*	Apr	4.8	5.8	Apr	4.5	5.8	Apr	3.7	4.8
1916–1920	7.8	8.8	May	4.8	6.0	May	4.5	5.9	May	3.6	4.9
1921–1925	5.4	6.7	June	4.6	6.0	June	4.3	5 9	June	3.5	4.9
1922	4.7	5.9	July	4.5	5.9	July	4.2	5.7	July	3.8	5.2
1923	7.0	8.4	Aug	4.5	5.6	Aug	4.1	5.5	Aug	3.8	5.4
1924	6.0	7.5	Sept	4.8	5.8	Sept	4.2	5.6	Sept	4.0	5.3
1925	4.3	5.5	Oct	4.7	5.7	Oct	3.9	5.2	Oct	4.0	5.4
1926	4.3	5.5	Nov	4.7	5.6	Nov	3.9	5.1	Nov	3.8	5.0
1927	4.7	5.8	Dec	4.6	5.6	Dec	3.9	5.2	Dec	3.8	5.0
1928	4.2	5.6									
1929	3.8	5.1									

Sources: Tables 675 and 676, Bureau of Agricultural Economics, Department of Agriculture; Table 677, Survey of Current Business, Department of Commerce.

No. 678.—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. United States totals include data for States not shown. 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										
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	[2] 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
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	644,000	7,101	11.0	7.11	50,477	82	6,880	1,061	16.73	15.42
1929	688,000	7,318	10.6			79	7,117	1,018	15.64	14.22
California:										
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	49,000	638	13.0	8.03	5,121	5	630	103	18.14	16.35
1929	46,000	545	11.8			5	524	91	17.62	16.41
Colorado:										
1921–1925	174,600	2,001	11.46	7.18	14,273	16	1,903	259	15.16	13.59
1926	211,000	2,912	13.8	7.92	23,050	17	2,765	377	15.05	13.63
1927	218,000	2,774	12.7	7.84	21,758	17	2,652	381	15.38	14.37
1928	179,000	2,394	13.4	6.97	16,687	17	2,410	384	16.51	15.93
1929	210,000	2,612	12.4			17	2,565	348	14.51	13.57
Idaho:										
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	129	19	16.28	14.73
1927	29,000	381	13.1	7.50	2,854	5	373	61	17.69	16.35
1928	27,000	297	11.0	7.44	2,210	6	317	53	17.86	16.72
1929	48,000	492	10.2			8	492	79	17.39	16.06
Michigan:										
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	71,000	452	6.4	7.22	3,263	12	458	64	16.30	13.97
1929	52,000	300	5.8			9	364	57	17.60	15.38
Montana and Wyoming: [3]										
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	72,000	720	10.0	7.26	5,223	8	643	103	17.26	15.24
1929	85,000	873	10.3			8	789	120	16.71	14.76
Nebraska:										
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	898	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	86,000	1,021	11.9	6.98	7,127	7	975	146	16.27	14.97
1929	92,000	1,054	11.5			7	1,068	140	14.71	13.11
Ohio:										
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	38,000	266	7.0	7.13	1,897	5	238	31	16.09	13.03
1929	20,000	174	8.7			4	121	17	16.20	14.05
Utah:										
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	51,000	637	12.5	7.03	4,478	11	568	90	17.28	15.85
1929	45,000	565	12.6			10	523	77	16.42	14.72
Wisconsin:										
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	8,000	74	9.2	7.35	543	3	86	12	16.56	13.95
1929	8,000	56	7.0			3	65	10	17.88	15.38

[1] Beets used 1901 to 1912. [2] Four-year average. [3] Data not segregated prior to 1922.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 679.—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 682). 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
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
1929	186,114	155,445	2,918	18.8	65	200	136.8	19,619	98

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. 680.—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	234,809	124,542	6,992	56	811	11.60
1928	240,769	131,534	7,707	59	897	11.64
1929	239,858	129,131	7,447	58	899	12.07
Hawaii—1927	110,978	56,135	2,516	45	261	10.38
1928	106,653	56,111	2,736	49	295	10.76
1929	109,289	55,576	2,724	49	299	10.98
Kauai—1927	51,137	26,810	1,432	53	156	10.92
1928	44,535	28,279	1,505	53	163	10.83
1929	45,586	27,024	1,408	52	165	11.72
Maui—1927	42,082	20,632	1,338	65	172	12.86
1928	47,850	21,752	1,454	67	192	13.20
1929	42,064	21,714	1,447	67	198	13.68
Oahu—1927	47,040	23,840	1,895	79	223	11.76
1928	41,730	25,391	2,013	79	247	12.27
1929	42,920	24,817	1,869	75	237	12.68

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 679 and Table 680 prior to 1926, Bureau of Agricultural Economics, Department of Agriculture; Table 680, beginning 1926, Hawaiian Sugar Planters Association.

No. 681.—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		11,929	2,057	28,382
1909	18,900	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	14,712	3,569	3,737	33,465
1927	14,603	3,133	3,671	32,501
1928	14,388	2,317	3,007	26,373
1929 [3]	14,130	1,706	2,595	22,466
Maine:				
1926	304	29	61	517
1927	310	15	60	495
1928	304	3	38	307
1929 [3]	307	14	50	214
New Hampshire:				
1926	790	233	198	1,817
1927	822	289	164	1,601
1928	806	274	137	1,370
1929 [3]	766	231	177	1,647
Vermont:				
1926	5,554	1,602	980	9,442
1927	5,665	1,694	1,417	13,030
1928	5,722	1,133	1,038	9,437
1929 [3]	5,665	966	1,083	9,630
Massachusetts:				
1926	272	128	86	816
1927	277	132	75	732
1928	280	134	67	670
1929 [3]	288	50	46	418
New York:				
1926	3,958	1,168	1,128	10,192
1927	3,839	733	1,002	8,749
1928	3,647	549	718	6,293
1929 [3]	3,647	334	615	5,254
Pennsylvania:				
1926	696	223	251	2,231
1927	626	148	139	1,260
1928	607	67	157	1,323
1929 [3]	565	43	85	723
Ohio:				
1926	1,700	68	578	4,692
1927	1,666	31	488	3,935
1928	1,583	58	480	3,898
1929 [3]	1,425	15	246	1,983
Michigan:				
1926	863	100	300	2,503
1927	828	72	172	1,448
1928	869	70	208	1,734
1929 [3]	886	40	163	1,344
Wisconsin:				
1926	575	18	155	1,258
1927	570	19	154	1,251
1928	570	29	164	1,341
1929 [3]	581	13	130	1,053

[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. 682.—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 679

State and year	Cane harvested for sirup	Sirup produced
All States:	*Acres*	*1,000 gallons*
1921	210,200	41,167
1922	214,300	41,611
1923	200,000	33,620
1925	125,000	20,400
1926	132,000	22,172
1927	114,000	20,839
1928	110,000	20,104
1929	117,000	22,114
South Carolina:		
1927	7,000	980
1928	6,000	750
1929	6,000	900
Georgia:		
1927	34,000	5,100
1928	29,000	4,060
1929	33,000	5,280
Florida:		
1927	9,000	1,647
1928	8,000	1,440
1929	9,000	1,710
Alabama:		
1927	18,000	2,430
1928	16,000	1,872
1929	17,000	2,125
Mississippi:		
1927	17,000	3,655
1928	18,000	3,600
1929	22,000	5,060
Louisiana:		
1927	15,000	4,787
1928	20,000	6,679
1929	17,000	5,773
Texas:		
1927	12,000	2,040
1928	11,000	1,760
1929	11,000	1,056
Arkansas:		
1927	2,000	200
1928	2,000	240
1929	2,000	210

Source of Tables 681 and 682. Bureau of Agricultural Economics, Department of Agriculture, except data for 1859 to 1919, Table 681, which are from the Bureau of the Census, Department of Commerce.

No. 683.—COTTONSEED AND COTTONSEED PRODUCTS: PRODUCTION, VALUE, AND EXPORTS

NOTE.—Cottonseed production relates to the preceding crop year; other 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	[3] 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
1929	6,435	5,061	1,604,131	2,282	1,368	1,234,287	265,247	133,906	90,706	12,842	27,793	8.4	39.75	9.39	4.5	29,531	286
Alabama	493	267	89,313	117	75	59,578	14,334	7,475	4,592	907	1,360	8.4	39.25	12.09	4.6		
Arkansas	553	401	133,863	168	115	102,438	21,242	11,231	6,589	873	2,549	8.4	39.22	7.59	5.0		
Georgia	456	405	133,178	179	109	99,090	21,350	10,854	6,892	1,307	2,297	8.1	38.50	11.99	4.6		
Louisiana	307	204	65,281	90	56	51,515	10,464	5,471	3,417	467	1,109	8.4	37.97	8.34	4.3		
Mississippi	655	627	213,488	264	173	180,292	34,312	17,976	10,065	1,403	4,868	8.4	38.13	8.11	5.4		
North Carolina	371	306	100,430	143	71	73,311	16,396	8,326	5,669	781	1,620	8.3	39.64	11.00	4.4		
Oklahoma	536	382	115,518	181	97	88,480	19,995	9,565	7,737	872	1,821	8.3	42.75	8.99	4.1		
South Carolina	322	208	66,761	95	51	53,366	10,845	5,394	3,694	612	1,145	8.1	38.88	12.00	4.3		
Tennessee	191	318	103,299	134	92	86,254	16,959	8,718	5,402	775	2,064	8.4	40.31	8.42	4.8		
Texas	2,276	1,721	512,245	810	469	392,279	87,428	42,670	32,740	4,246	7,772	8.3	40.42	9.05	4.0		
Other States	275	221	70,756	101	61	47,684	11,922	6,226	3,909	599	1,188	8.8	38.70	9.82	5.0		

[1] Of 500 pounds net. [2] Figures for 1900. [3] Six-year average, 1895–1900.

Source: Bureau of the Census, Department of Commerce.

No. 684.—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, but consumption, exports, and imports, beginning 1914, and prices, beginning 1910, are for the 12 months ended July 31 following the year indicated in the stub. Prices for 1902 to 1909 represent the price of the average grade marketed in New Orleans up to April 1 of the following year; from 1910 to date the 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
1790	3	11	(1)	1
1800	73	19	32	9
1810	178	36	124	(1)
1820	335	100	250	(1)
1830	732	130	554	(1)
1840	1,348	245	1,060	1
1850	2,136	423	1,854	(1)
1860	3,841	842	615	
1870	4,025	1,027	2,923	2
1866–1875	3,104	1,007	2,164	3
1876–1885	5,452	1,708	3,721	6
1886–1895	7,636	2,473	5,174	52
1896–1900	10,133	3,455	6,907	115
1901–1905	11,007	4,330	7,210	141
1906–1910	12,176	4,828	8,002	178
1911–1915	14,895	6,125	8,975	301
1916–1920	12,817	6,770	5,836	319
1921–1925	12,247	6,864	6,855	338
1901	9,676	4,080	6,870	190
1902	10,827	4,187	6,914	149
1903	10,046	3,981	6,234	100
1904	13,680	4,523	9,057	130
1905	10,805	4,877	6,975	133
1906	13,595	4,974	8,825	203
1907	11,375	4,493	7,780	141
1908	13,587	5,199	8,890	165
1909	10,315	4,759	6,492	151
1910	12,006	4,713	8,026	231
1911	16,250	5,400	11,081	229
1912	14,313	5,867	9,199	225
1913	14,795	5,943	9,256	266
1914	16,992	6,087	8,931	364
1915	12,123	7,327	6,406	421
1916	12,781	7,721	5,964	288
1917	12,428	7,555	4,587	217
1918	12,970	6,289	5,843	197
1919	12,029	6,808	6,761	683
1920	13,880	5,478	6,026	211
1921	8,351	6,560	6,479	352
1922	10,370	7,350	5,049	450
1923	10,808	6,225	5,936	272
1924	14,488	6,878	8,435	303
1925	17,219	7,307	8,377	314
1926	19,135	8,178	11,587	382
1927	13,972	7,829	8,080	321
1928	15,760	8,215	8,637	442
1929 (prel.)	16,063	(2)	7,176	368

AVERAGE PRICE, UPLAND LINT COTTON, CENTS PER POUND

1790	26.0	1906–1910	11.8	1913	12.5
1800	44.0	1911–1915	10.4	1914	7.3
1810	15.5	1916–1920	24.9	1915	11.2
1820	14.3	1921–1925	22.2	1916	17.3
1830	9.7	1901	8.1	1917	27.1
1840	9.5	1902	8.2	1918	28.8
1850	12.1	1903	12.2	1919	35.4
1860	13.0	1904	8.7	1920	15.8
1870	17.0	1905	10.9	1921	16.9
1871–1875	16.7	1906	10.0	1922	22.9
1876–1880	11.4	1907	11.5	1923	28.7
1881–1885	10.7	1908	9.2	1924	22.9
1886–1890	10.3	1909	14.3	1925	19.6
1891–1895	7.5	1910	14.0	1926	12.5
1896–1900	6.9	1911	9.6	1927	20.2
1901–1905	9.6	1912	11.5	1928	18.0
				1929:	
				August	18.0
				September	18.2
				October	17.5
				November	16.2
				December	16.0
				1930:	
				January	15.8
				February	14.8
				March	13.8
				April	14.7
				May	14.5
				June	14.0
				July	

[1] Less than 500 bales.
[2] Not available.

Source: Bureau of the Census. See Bulletin 166, p. 57, of that bureau for original sources.

No. 685.—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	Russia [1]	Japan	Canada
1866–1875	205,285	1,983	1,972	1,433	142	227	17	56	11	53	-------	4
1876–1885	200,146	3,594	3,553	2,311	336	421	54	125	28	202	-------	21
1886–1895	227,678	5,121	5,020	2,951	844	536	162	192	120	148	[2] 8	64
1896–1900	220,557	6,465	6,168	2,968	1,523	715	367	239	122	86	167	96
1901–1905	334,256	7,097	6,769	3,096	1,812	778	431	251	139	121	158	113
1906–1910	437,582	7,850	7,508	3,243	2,180	956	486	252	130	99	183	133
1911–1915	537,044	9,318	8,706	3,804	2,196	1,031	648	327	164	91	363	165
1916–1920	765,515	5,920	4,972	2,796	-------	795	614	310	------	[3] 60	661	211
1921–1925	764,101	6,386	5,405	1,863	1,390	764	584	272	186	[4] 138	713	189
1914	610,475	9,522	8,972	3,582	2,884	1,139	537	297	227	99	353	151
1915	376,218	8,807	8,028	3,920	294	693	1,127	465	5	82	429	183
1916	374,186	6,168	5,273	2,761	-------	890	837	340	------	173	503	198
1917	543,075	6,176	5,328	2,895	-------	1,056	687	394	------	49	531	187
1918	655,025	4,641	3,783	2,387	-------	659	369	259	------	16	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	7	679	217
1924	903,975	5,899	5,129	1,695	1,346	751	564	216	169	120	584	152
1925	1,060,980	8,349	7,332	2,623	1,892	951	756	290	224	286	850	207
1926	917,720	8,212	6,713	2,298	1,690	944	745	315	203	236	1,118	254
1927	866,923	11,560	9,071	2,673	2,982	1,089	845	364	298	485	1,644	281
1928	820,537	8,120	6,640	1,465	2,222	940	715	321	221	448	1,007	246
1929	868,219	8,739	6,801	1,934	2,011	873	772	302	228	341	1,373	286

[1] Includes Finland, Estonia, Latvia, and Poland prior to 1919.
[2] 5-year average, 1891–1895.
[3] Average for 1916–1919.
[4] Average for 1923–1925.

No. 686.—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	1900	787,992	39,191	9.84	6.7
1840	94,996	8,698	5.04	8.8	1901	857,018	45,845	10.43	7.4
1850	145,273	15,481	5.58	7.6	1902	1,092,344	35,125	13.32	6.4
1851–1860	203,190	14,710	6.78	9.0	1903	923,254	48,849	10.80	6.6
1861–1870	173,290	8,229	4.66	10.5	1904	998,677	35,102	11.67	7.0
1871–1880	331,925	7,911	7.19	14.7	1905	1,046,028	37,087	11.98	8.1
1881–1890	513,039	24,725	8.52	10.8	1906	853,800	19,133	9.72	8.6
1891–1895	585,270	8,788	8.61	[1] 16.8	1907	986,596	11,627	11.15	7.9
1896–1900	761,715	21,819	10.07	8.9	1908	892,092	17,115	9.82	7.6
1901–1905	983,464	40,400	11.65	7.1	1909	1,051,750	15,188	11.43	7.5
1906–1910	931,644	15,326	10.29	7.9	1910	873,984	13,569	9.33	7.9
1911–1915	952,906	21,493	9.65	11.5	1911	878,322	8,371	9.29	10.3
1916–1920 [2]	1,227,214	67,382	11.20	13.2	1912	887,748	7,196	9.26	13.3
1921–1925	1,343,579	40,594	11.67	15.4	1913	866,054	7,135	8.90	13.8
1883	515,879	37,376	8.84	8.2	1914	1,006,362	13,811	10.14	11.1
1884	534,786	26,153	9.18	9.3	1915	1,126,042	70,953	10.62	9.6
1885	572,600	33,335	9.52	8.2	1916	1,203,841	75,818	11.20	9.6
1886	564,708	27,496	9.27	7.6	1917	1,322,059	57,503	12.38	10.1
1887	526,109	25,290	8.46	10.7	1918	1,145,956	65,598	10.43	9.0
1888	423,646	15,083	6.75	14.0	1918 (6 mos.)	436,771	23,815	-------	10.0
1889	578,397	17,265	9.08	13.0	1919	1,341,306	93,021	11.89	19.5
1890	499,159	8,997	7.77	16.0	1920	1,299,743	54,846	11.70	19.5
1891	519,528	8,487	7.94	[1] 19.0	1921	1,345,367	41,821	12.02	10.7
1892	640,211	10,539	9.59	[1] 20.0	1922	1,248,938	35,576	11.04	12.9
1893	563,469	12,074	8.23	14.0	1923	1,412,233	31,899	12.36	13.5
1894	550,934	3,865	8.01	16.4	1924	1,423,758	39,213	12.17	17.5
1895	652,209	8,974	9.24	14.7	1925	1,287,601	27,833	10.92	22.3
1896	580,598	7,926	8.08	14.6	1926	1,495,517	26,629	12.54	21.6
1897	737,646	13,086	10.04	11.1	1927	1,444,124	24,029	11.97	18.5
1898	870,514	18,823	11.59	7.5	1928	1,460,861	19,318	12.01	21.3
1899	831,827	30,070	10.72	6.5	1929	1,486,253	17,004	12.12	20.4

[1] Overvalued, due to depreciation of Brazilian paper milreis. [2] Average, July 1, 1915, to Dec. 31, 1920.
Source of Tables 685 and 686: Bureau of Foreign and Domestic Commerce.

No. 687.—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 686; 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	83,298	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	90,496	26,608	.80
1881–1890	59,536	15,071	1.34	1914	90,148	16,599	.92	1925	99,567	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	87,896	27,691	.74
1901–1905	86,217	13,849	1.18	1917	102,739	19,068	1.01	1928	88,848	26,817	.74
1906–1910	95,814	15,211	1.05	1918	147,379	29,469	1.42	1929	88,249	25,446	.73
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. 688.—COCOA AND CHOCOLATE: IMPORTS

[NOTE.—**Quantity in thousands of pounds; value in thousands of dollars.**]

Yearly average or year [1]	Cocoa or cacao beans and chocolate [2]		Year [1]	Cocoa or cacao beans and chocolate [2]		Year [1]	Cocoa or cacao beans and chocolate [2]	
	Quantity	Value		Quantity	Value		Quantity	Value
1871–1880 [3]	5,132	706	1906	84,127	9,699	1918	360,015	37,972
1881–1890	13,504	1,891	1907	97,060	14,579	1919	392,365	58,342
1891–1900	29,408	4,120	1908	86,605	15,284	1920	344,986	54,811
1901–1905	63,600	8,260	1909	32,661	15,562	1921	306,568	23,566
1906–1910	102,304	13,378	1910	111,070	11,966	1922	347,010	32,571
1911–1915	161,473	19,002	1911	140,970	15,261	1923	416,818	34,396
1916–1920	346,583	45,480	1912	148,786	16,590	1924	382,029	30,152
1921–1925	367,907	32,019	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
1905	77,383	9,484	1917	390,838	41,674	1929	515,572	51,271

[1] Fiscal years through 1915; calendar years thereafter. [2] Includes prepared except confectionery.
[3] Includes 3-year average for quantity of chocolate and 9-year average for its value.

No. 689.—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	[3] 6,390	$4.77	27,063	53	1912	26,585	69,542	$2.62	24,561	2,009
1881–1890	5,328	16,775	3.15	34,162	83	1913	32,102	84,915	2.65	27,596	2,401
1891–1900	9,259	26,843	2.90	29,775	268	1914	34,546	100,930	2.92	35,458	2,316
1901–1905	15,798	45,968	2.91	32,215	425	1915	31,053	83,131	2.68	25,050	2,754
1906–1910	20,281	67,414	3.32	33,725	835	1916	40,872	149,785	3.66	37,110	6,363
1911–1915	30,190	82,703	2.74	28,306	2,210	1917	43,428	189,753	4.37	39,763	8,608
1916–1920	45,641	235,332	5.16	47,121	16,735	1918	48,721	194,199	3.99	28,559	17,982
1921–1925	62,030	356,287	5.74	40,941	12,992	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	37,099	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	88,269	373,331	4.23	41,388	18,648
1911	26,666	74,998	2.81	28,864	1,569	1929	98,016	432,340	4.41	39,037	20,389

[1] Fiscal years through 1915; calendar thereafter. [2] Includes artificial silk prior to 1911. [3] Raw silk.
Source of Tables 687, 688, and 689: Bureau of Foreign and Domestic Commerce.

No. 690.—RUBBER: WORLD PRODUCTION AND UNITED STATES IMPORTS

NOTE.—For value of imports see Table 545. 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*
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	406,394	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	73.0	.569	.725
1926	622,477	582,163	40,314	417,643	17,671	399,972	64.3	.380	.487
1927	609,442	565,027	44,415	431,246	27,775	403,471	66.2	.268	.381
1928	658,000	626,181	31,819	439,732	32,159	407,573	61.9	.186	.226
1929	862,043	833,720	28,323	565,087	36,485	528,602	61.3	.164	.206

[1] Includes guayule beginning 1910.

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

No. 691.—SPRING AND WINTER WHEAT: ACREAGE AND PRODUCTION

[Acreage in thousands and production in thousands of bushels (number of pounds to a bushel, 60)]

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	47,930	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	47,317	36,213	578,673	16.0	22,059	336,203	15.2
1929 (preliminary)	42,820	40,162	578,336	14.4	20,979	228,172	10.9

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 692.—WHEAT: SUPPLY AND DISTRIBUTION AND PER CAPITA DISAPPEARANCE FOR FOOD, ETC., IN CONTINENTAL UNITED STATES

[All quantities, except per capita, in thousands of bushels (number of pounds to a bushel, 60)]

Item	Year beginning July 1—						
	1909–1913, average	1914–1920, average	1921–1925, average	1926	1927	1928	1929
Supply, total	782,287	951,935	923,866	952,874	1,026,010	1,073,364	
On hand July 1:							
Stocks on farms	28,872	32,631	37,059	20,973	27,222	23,729	45,483
Stocks in country mills and elevators [1]	29,000	26,997	30,991	29,501	21,776	19,277	40,136
Commercial visible (Bradstreet's)	24,168	19,290	25,519	16,484	25,516	42,208	95,684
Stocks of flour (in terms of wheat) [1]	8,305	8,606	8,676	9,757	9,076	9,019	13,541
In merchant mills and elevators				24,505	37,038	31,920	48,279
In transit				7,350	11,274	10,893	16,237
New crop	690,108	844,605	804,148	831,040	878,374	914,876	806,508
Imports (flour included)	1,834	19,806	17,473	13,264	15,734	21,442	
Accounted-for distribution, total	280,519	437,581	394,575	443,698	441,787	514,300	
Exports (flour included)	107,103	257,030	207,237	219,160	206,259	163,670	
Reexports	195	562	221	98	53	55	
Shipments (flour included) to Alaska Hawaii, and Porto Rico	2,549	2,546	2,836	3,082	2,690	3,172	
Estimated seed requirements	72,326	88,312	86,849	88,919	95,739	88,043	
Carry-over at end of year:							
On farms	32,485	36,127	29,913	27,215	23,729	45,483	
In country mills and elevators [1]	31,600	26,449	31,457	21,776	19,277	40,136	
Commercial visible (Bradstreet's)	25,326	18,265	26,822	25,516	42,208	95,684	
Flour (in terms of wheat)	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	501,768	514,354	529,291	509,720	584,223	559,064	
Per capita (bushels)	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 1909–1918, are stocks in second hands less visible supply on July 1, as given by Chicago Daily Trade Bulletin.

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

No. 693.—VISIBLE SUPPLY OF GRAIN IN UNITED STATES: AS REPORTED ON SATURDAY NEAREST THE FIRST OF EACH MONTH

[All figures in thousands of bushels. Number of pounds to a bushel: Wheat, 60; corn, 56; oats, 32]

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
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
1929	95,684	145,504	196,886	205,778	209,426	198,557	188,171	173,483	165,174	158,176	140,315	123,035

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	4,656	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
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	4,197
1929	3,237	3,267	9,892	15,215	22,667	23,532	19,986	10,825	6,825	3,656		

[1] Bradstreet's. [2] Chicago Board of Trade.

No. 693.—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	16,286	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	49,063	43,706	36,706	28,498	25,539
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
1929	7,626	23,488	26,321	30,155	27,534	26,946	24,471	21,673	18,349	16,242	12,652	10,875

[2] Chicago Board of Trade.

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 694.—EXPORTS (EXCLUDING REEXPORTS) AND IMPORTS OF WHEAT, CORN, RICE, TOBACCO, AND FLAXSEED

NOTE.—Number of pounds to a bushel of wheat, 60; of corn and flaxseed, 56; to a barrel of wheat flour, 196

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	1915	259,643	16,183	332,465	715
1857–1861	12,378	3,318	28,970	2,617	1916	173,274	15,521	243,117	7,188
1862–1866	22,530	3,531	40,184	-------	1917	149,831	11,943	203,574	24,926
1867–1871	22,107	2,585	35,032	1,818	1918	34,119	21,880	132,579	31,215
1872–1876	48,958	3,416	66,037	1,680	1919	178,583	24,182	287,402	11,289
1877–1881	107,781	5,376	133,263	906	1920	122,431	21,652	219,865	5,496
1882–1886	82,884	8,620	121,675	517	1921	293,268	16,180	366,077	57,398
1887–1891	64,739	11,287	115,529	352	1922	208,321	15,797	279,407	17,251
1892–1896	99,914	15,713	170,624	1,634	1923	154,951	14,883	221,923	19,945
1897–1901	120,247	17,151	197,427	1,280	1924	78,793	17,253	156,430	28,045
1902–1906	70,527	15,444	140,026	993	1925	195,490	13,896	258,023	6,199
1907–1911	62,855	11,841	116,138	706	1926	63,189	9,542	108,036	15,690
1912–1916	129,415	13,185	188,748	2,996	1927	156,250	13,385	219,160	13,263
1917–1921	155,646	19,167	241,899	26,064	1928	145,999	12,821	206,258	15,735
1922–1926	140,129	14,274	204,764	17,424	1929	103,114	12,888	163,688	21,444

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	215,892	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
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	309,789	44,102	(6)	18,112	489,996	81,045
1929	41,882	490	392,714	36,794	(6)	23,437	565,984	79,284

[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.

No. 695.—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 begins in June for apples; in August for oats, barley, cotton, cottonseed, and timothy seed; in September for flaxseed, buckwheat, clover seed; in November for corn and peanuts; and in July for other crops named. For index numbers of prices of farm products by great groups see Table 611

Crop year beginning—	Wheat	Corn	Oats	Barley	Rye	Buck-wheat	Flaxseed
1910	91.7	53.5	36.2	60.8	73.4	67.5	229.8
1911	88.3	68.8	46.1	81.9	81.0	75.4	195.8
1912	83.3	56.7	34.9	52.7	68.7	68.3	127.4
1913	79.3	71.8	38.9	53.0	62.9	76.6	123.9
1914	99.4	71.4	44.9	54.8	83.3	81.1	131.6
1915	98.2	69.6	39.3	53.8	85.0	81.5	169.6
1916	144.4	119.0	51.4	83.4	113.0	126.5	233.8
1917	205.8	148.1	72.1	122.5	176.4	167.1	315.9
1918	206.3	153.1	70.1	100.0	152.1	164.7	374.2
1919	218.6	151.5	80.3	124.9	146.9	159.2	427.0
1920	182.9	62.1	51.1	70.7	148.2	126.8	217.6
1921	104.4	54.3	33.4	48.4	86.9	89.1	171.0
1922	98.0	76.7	39.0	51.8	68.1	89.9	209.5
1923	92.4	84.0	42.6	56.8	59.4	96.3	212.3
1924	127.8	105.8	48.3	77.4	96.3	108.6	220.7
1925	145.9	71.0	39.0	59.2	83.1	87.5	224.6
1926	123.8	74.9	41.2	61.9	84.2	87.0	205.8
1927	120.5	85.2	48.0	72.7	84.7	87.6	192.0
1928	100.1	85.8	41.6	56.1	85.4	90.7	205.5

Crop year beginning—	Potatoes	Sweet potatoes	Apples	Cotton	Cotton-seed	Peanuts	All hay (loose)
1910	61.3	78.7	88.1	14.0	25.82	4.6	11.54
1911	99.6	92.2	76.6	9.6	17.08	4.4	14.36
1912	55.6	85.6	66.8	11.5	19.10	4.6	11.17
1913	70.6	84.0	93.0	12.5	22.39	4.6	11.49
1914	58.0	84.6	62.7	7.4	16.50	4.4	10.92
1915	70.8	75.4	71.0	11.2	32.65	4.3	10.34
1916	166.3	92.9	90.7	17.3	49.13	4.8	11.21
1917	122.5	122.3	113.6	27.1	66.15	7.1	16.00
1918	125.6	150.0	137.5	28.8	65.23	6.5	19.88
1919	223.8	161.7	186.1	35.2	67.27	9.2	21.34
1920	131.5	144.8	133.8	15.8	22.95	4.7	16.51
1921	121.3	110.9	195.2	17.0	29.72	3.7	11.83
1922	73.9	97.4	109,4	22.8	34.70	5.5	11.68
1923	94.2	121.7	117.4	28.7	42.23	6.5	12.93
1924	76.5	152.4	122.1	22.9	34.08	5.7	12.76
1925	183.5	165.9	127.0	19.6	30.82	4.7	12.83
1926	140.8	120.3	88.3	12.5	21.63	4.8	13.23
1927	108.4	106.5	141.7	20.2	35.93	5.0	10.57
1928	61.3	113.1	110.3	18.0	35.26	4.9	11.29

Crop year beginning—	Prairie hay	Timothy hay	Clover hay	Alfalfa hay	Timothy seed	Clover seed	Alfalfa seed
1914	7.69	13.87	12.83	9.12	2.49	8.41	7.52
1915	7.13	13.09	11.29	9.39	2.89	9.98	9.16
1916	8.61	12.83	11.33	12.76	2.42	9.54	8.76
1917	13.31	18.67	17.21	18.42	3.50	14.48	9.66
1918	16.03	22.66	20.93	20.35	4.19	21.01	10.40
1919	16.78	25.13	23.69	22.70	4.98	28.34	16.97
1920	10.94	20.64	19.48	15.96	3.29	11.81	11.74
1921	7.62	14.82	14.15	10.58	2.64	11.14	8.22
1922	8.79	14.18	13.03	12.82	2.60	10.71	9.36
1923	8.92	16.53	15.14	13.54	3.19	12.38	10.63
1924	8.70	14.30	13.43	13.81	3.11	15.35	10.62
1925	9.36	15.40	14.52	13.52	3.33	15.87	9.99
1926	10.87	15.42	15.06	13.57	2.61	19.06	9.45
1927	7.64	11.64	12.15	11.96	1.77	16.11	9.87
1928	8.10	12.31	13.02	13.90	2.20	16.99	11.37

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 696.—GRAIN PRICES: WEIGHTED AVERAGE MARKET PRICE PER BUSHEL OF REPORTED CASH SALES

Yearly average or crop year beginning—	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
1909–1913	$0.99	$0.95	$0.99	$0.61	$0.60	$0.40	$0.38	$0.64	$0.76	$1.92	$1.34
1914–1920	1.90	1.85	1.83	1.15	1.12	.60	.58	1.02	1.52	3.03	2.17
1921–1925	1.39	1.27	1.33	.79	.78	.42	.38	.65	.94	2.47	1.52
1913	.88	.84	.88	.70	.67	.40	.38	.51	.64	1.52	1.74
1914	1.20	1.05	1.08	.70	.72	.50	.48	.65	1.05	1.70	1.17
1915	1.09	1.19	1.13	.79	.69	.41	.38	.63	.99	2.04	1.19
1916	1.76	1.71	1.68	1.11	1.06	.54	.52	1.17	1.54	2.91	3.24
1917	2.20	2.52	2.25	1.63	1.63	.71	.71	1.49	2.11	3.78	3.28
1918	2.25	2.19	2.22	1.62	1.56	.70	.66	1.00	1.61	4.19	2.86
1919	2.72	2.42	2.24	1.59	1.60	.80	.80	1.43	1.70	4.52	2.41
1920	2.07	1.83	2.23	.62	.59	.51	.48	.74	1.62	2.09	1.06
1921	1.43	1.20	1.25	.55	.54	.35	.32	.55	.97	2.19	1.36
1922	1.20	1.13	1.14	.73	.74	.41	.36	.58	.81	2.58	1.63
1923	1.17	1.05	1.02	.88	.78	.45	.40	.63	.70	2.44	1.51
1924	1.56	1.35	1.58	1.06	1.12	.50	.47	.84	1.25	2.63	1.81
1925	1.61	1.63	1.64	.75	.74	.41	.37	.67	.96	2.52	1.30
1926	1.46	1.35	1.38	.87	.88	.43	.42	.71	1.01	2.24	1.20
1927	1.36	1.35	1.40	1.01	.85	.55	.50	.84	1.06	2.20	1.46
1928	1.18	1.12	1.38	.92	.85	.44	.41	.65	1.01	2.33	1.38

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

Source: Bureau of Agricultural Economics, Department of Agriculture.

No. 697.—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	1927	1928	1929
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	166,224	166,692	140,089
By canal via river	10,168	2,504	4,139	32,767	29,668	39,138	29,098
Coastwise and river	410	7,120	5,966	9	631	2	
By rail	82,742	211,044	135,429	156,386	135,925	127,552	110,991
Boston	22,402	28,097	13,099	11,911	13,694	14,430	10,837
Philadelphia	28,736	69,772	45,148	55,933	34,154	25,284	20,209
Baltimore	32,272	105,856	74,260	35,552	35,459	36,343	27,804
New Orleans	16,213	56,774	72,976	32,039	25,875	28,872	24,780
Montreal, Canada	44,178	68,185	67,044	179,959	219,173	247,377	113,623
COMMODITY							
Flour, 1,000 bbls.	16,841	23,279	17,016	23,801	22,928	24,436	27,473
Corn meal, do.	1,039	941	77	75	237	112	81
Wheat, 1,000 bu.	62,944	260,719	220,296	238,631	262,630	270,513	153,136
Corn, do.	42,193	45,434	17,916	13,220	9,101	18,171	11,784
Oats, do.	47,181	104,554	34,629	76,401	25,115	35,416	22,005
Barley, do.	3,929	16,195	16,600	45,191	54,186	65,831	33,078
Rye, do.	934	13,928	51,742	23,709	39,893	18,655	2,386
Total grain, do.	157,181	440,829	341,183	397,152	390,926	408,586	222,389
Flour and meal[1], do.	79,940	108,522	76,878	107,404	103,653	110,413	114,952
Grand total, do.	237,122	549,351	418,061	504,556	494,579	518,999	337,341

[1] Grain equivalent.

Source: New York Produce Exchange.

No. 698.—GRAIN RECEIPTS AT PRIMARY MARKETS, BY CROP YEARS

[All figures in thousands of bushels. Number of pounds to a bushel: Wheat, 60; corn, 56; oats, 32]

Yearly average or year beginning—	Total	Chicago	Milwaukee	Minneapolis	Duluth	St. Louis	Toledo	Detroit	Kansas City	Peoria	Omaha	Indianapolis
	WHEAT											
July 1:												
1909–1913	279,257	37,111	8,750	102,067	52,048	24,713	5,203	1,821	35,756	1,525	15,892	1,211
1914–1920	385,102	60,469	9,655	119,090	51,044	38,228	6,628	2,121	67,515	2,232	22,521	4,600
1921–1925	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	333,388	49,804	2,307	105,958	38,201	33,119	15,401	1,884	60,516	2,221	17,896	6,081
1924	478,555	71,009	8,934	104,037	111,194	44,047	12,434	1,915	89,444	2,095	29,120	4,336
1925	325,490	25,776	4,919	111,877	70,210	29,697	8,945	1,006	52,502	1,769	15,023	3,766
1926	359,435	39,062	6,867	89,148	53,061	33,342	14,715	2,677	92,740	1,314	21,486	5,023
1927	462,709	45,851	5,662	125,615	118,855	34,167	14,171	2,281	77,775	1,336	31,948	5,043
1928	488,334	33,755	5,526	121,893	108,268	53,231	14,118	1,836	106,417	2,411	37,427	3,452
	CORN											
Nov. 1:												
1909–1913	214,366	105,459	10,251	7,581	792	22,316	4,383	2,957	19,052	16,710		
1914–1920	246,387	101,633	14,788	10,643		22,286	3,025	3,043	18,263	25,349	26,731	19,469
1921–1925	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	275,082	101,108	17,083	18,436	9,570	39,215	4,090	1,683	21,136	17,730	27,495	17,536
1924	202,225	80,696	7,180	14,310	795	23,116	2,972	410	21,448	20,961	13,138	17,199
1925	226,484	92,283	7,519	9,867	142	27,751	4,665	610	18,034	27,139	20,396	18,078
1926	220,778	91,869	11,000	11,261	177	21,005	3,940	1,489	12,453	26,098	21,836	19,650
1927	293,627	104,975	14,471	9,378	505	35,261	1,480	1,018	46,807	25,056	32,859	21,817
1928	268,798	95,265	14,987	12,169	2,257	38,108	1,796	703	34,468	27,134	17,355	24,556
	OATS											
Aug. 1:												
1909–1913	194,643	100,873	13,978	17,320	5,983	21,439	3,507	3,131	7,298	10,252		
1914–1920	277,426	121,664	30,007	31,750	3,963	27,613	5,588	4,390	10,295	12,090	15,837	14,234
1921–1925	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	220,631	69,516	19,729	29,069	5,068	35,001	4,248	3,083	11,701	13,419	18,144	11,653
1924	262,501	74,690	20,233	53,533	23,165	34,211	8,848	1,942	8,198	11,131	15,918	10,632
1925	207,817	50,669	13,970	36,342	26,798	28,549	7,814	1,127	11,443	9,850	12,972	8,283
1926	143,960	49,420	14,826	18,205	2,360	21,076	8,781	1,352	3,270	8,954	6,628	9,088
1927	148,485	53,591	10,411	27,138	1,145	19,351	4,507	1,389	4,226	9,195	8,844	8,688
1928	138,944	41,023	7,611	20,899	3,527	24,257	7,189	1,143	4,951	7,100	6,853	14,391

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. 699.—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]
1892	5.61	7.55	14.23	1911	5.35	5.23	9.69
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	9.90	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	10.20	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
1910	5.13	6.57	9.60	1929	6.37	10.42	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. 700.—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	1929	4.4
1900	2.5	1910	4.0	1920	10.3		

Source: Secretary of the Buffalo Chamber of Commerce.

No. 701.—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, 1919, and, in the case of a number of ports, for the earlier months of 1920 no figures are available

[Rates in cents per 100 pounds]

Destination	1900	1905	1910	1913	1921	1922	1923	1924	1925	1926	1927	1928	1929
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	30.69
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	34.10
London [1]	31.10	20.23	17.75	24.33	[2]	33.97	31.33	33.95	33.4	36.66	34.31	31.74	30.18
Antwerp	------	------	18.05	24.62	45.02	35.85	33.27	34.50	33.9	35.83	35.56	32.38	32.35
Hamburg	------	------	------	26.16	45.76	35.74	32.80	35.22	35.0	37.15	36.50	33.04	31.19
Amsterdam	------	------	------	25.07	49.53	[3] 38.72	------	------	------	47.50	39.50	33.91	32.75
Rotterdam	------	------	------	25.07	48.64	36.30	33.69	35.50	35.5	37.26	36.18	33.04	31.86
Sacked flour:													
Liverpool	27.90	22.40	19.75	30.00	58.63	41.92	39.82	42.80	43.8	46.68	45.01	43.17	42.19
Glasgow	31.56	22.50	21.50	32.00	[2]	41.90	41.38	45.11	45.0	47.93	47.39	45.17	44.19
London	35.01	23.64	22.00	30.50	[2]	41.90	39.80	42.73	43.9	46.66	45.04	43.17	42.19
Antwerp	------	------	------	35.60	55.27	42.33	40.73	43.75	44.3	45.31	48.05	45.71	43.98
Hamburg	------	------	------	37.00	56.15	42.17	40.46	43.58	44.1	45.51	46.80	45.79	43.02
Amsterdam	------	------	------	30.00	55.74	42.65	41.52	44.13	44.6	46.10	47.70	46.50	44.54
Rotterdam	------	------	------	29.00	55.12	42.50	41.28	44.13	44.6	44.34	47.81	45.71	43.67
Copenhagen	------	------	------	40.00	64.01	49.42	46.89	48.94	50.4	51.15	55.32	53.50	53.50
Stockholm	------	------	------	43.00	------	50.76	48.81	52.25	53.5	54.42	57.32	55.69	56.50
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	101.50
Glasgow	55.31	43.23	46.88	55.31	[2]	113.50	94.10	104.83	106.5	106.50	116.33	117.75	101.50
London	55.87	40.88	47.62	51.00	[2]	113.50	94.10	104.83	106.5	106.50	116.33	117.75	101.50
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	97.80
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	90.59
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	97.80
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	97.80
Copenhagen	55.31	48.66	55.31	69.43	113.00	99.75	96.50	100.87	96.5	100.92	103.00	101.50	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	102.25
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	99.00
Havre	------	------	------	69.38	104.20	101.86	96.50	105.45	106.5	106.50	110.75	109.83	99.00

[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. 702.—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	457,838	400,238
Canned vegetables and soups					92,291	282,891	234,260
Beans	Case	[1] 8,994	[2] 24,680	[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] 18,229	25,532	42,680	33,814
Asparagus	do	[4] 638	[2] 1,896	[2] 2,177	2,791	10,437	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	20,398	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	435,202	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. [6]	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	1,675	1,402
All other	do	236	366	586	738	2,021	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	2,761			
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	114,895	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. 702.—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	14,093	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	1,246,643	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	122,723
Chocolate in cakes	Pound		374,663	388,210		85,614	95,091
Cocoa	do		85,259	90,910		11,040	13,768
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.