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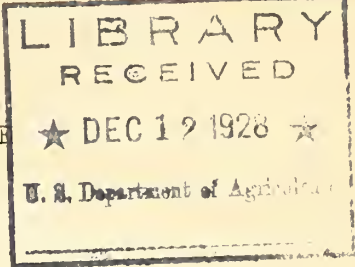
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BUREAU OF AGRICULTURAL ECONOMICS  
Division of Statistical and  
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FOREIGN TRADE OF THE UNITED STATES  
1790 - 1928

CORN AND CORN PRODUCTS

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## ANALYSIS OF FOREIGN TRADE OF THE UNITED STATES IN CORN AND CORN PRODUCTS

Though the United States produces two thirds of the world's supply of corn, a comparatively small amount flows into the channels of foreign trade. In 1928 less than one per cent was marketed abroad. However, a very large per cent is exported as pork and pork products. Only twice during the last 25 years have United States exports amounted to more than 5 per cent of the crop and 1897 and 1899 were the only years on record in which they exceeded 10 per cent. Each year the domestic market absorbs larger and larger quantities and this fact together with the marked increase in production in Argentina largely accounts for the decline in our exports. Argentina is now the world's largest exporter of corn and our most important competitor. Many of the northern European countries prefer the small grained but hard flinty Argentine corn to the larger and softer American grain. Other surplus producing countries are the Union of South Africa, Yugoslavia, Bulgaria, Hungary and Rumania.

When the first colonists settled in Massachusetts and Virginia they found the Indians producing a new kind of grain which they called Indian corn and from the friendly Indians they learned how to plant, cultivate and utilize it. Its hardiness and long harvest made it a valuable pioneer crop because it furnished food for man and beast. Production increased rapidly but for nearly sixty years after the Revolutionary War exports never exceeded 3,000,000 bushels annually. But the corn frontiers were being pushed farther and farther west and the settlement of the prairie states aided by the introduction of improved farm machinery and the extension of the railroads made the period from 1845 - 1868 one of great development. Europe was beginning to awake to the possibilities of this new cereal. These influences aided by the repeal of the English Corn Laws caused a rapid increase in our exports. Following the Civil War there were a few years when exports declined but the decade from 1870-1880 was another period of rapid expansion and there was a great increase in exports of corn and meat products. During the years 1882-1894 purchases by foreign countries again fell off. A concerted effort on the part of the United States to educate European countries to a wider use of corn helped to increase the foreign demand and from 1896-1910 exports made a new high record reaching the peak in 1900 when 213,000,000 bushels were sent to countries overseas.

Since that time there has been a decided downward tendency, in only two years, 1906 and 1922, have exports exceeded 100,000,000 bushels. In 1925 the United States exported less than 10,000,000 bushels, the lowest figure since 1871. A large part of our surplus goes to the United Kingdom, Germany and the Netherlands. Canada and Cuba are also heavy purchasers.

A small per cent of the total corn exported, goes out in the form of meal. In 1928 it was a little over 5 per cent of the total exports of corn, including meal but seldom has amounted to as much as 20 per cent. With the exception of 1918 and 1919 when exports of cornmeal amounted to 2,019,000 barrels and 1,583,000 barrels respectively annual exports have always been less than 1,000,000 barrels.

Until the beginning of the World War, imports of corn had been a negligible factor in our foreign trade but at that time took on more important proportions. High prices in this country proved attractive to Argentine shippers with the result that from 1914-1921 imports ranged between 2,000,000 bushels and 12,000,000 bushels annually. Most of these imports are received through the ports of New York and San Francisco. In addition to Argentina, small quantities are also received from Mexico and the Dominican Republic.

Re-exports are very small, the year 1921 being the only one in which they amounted to more than 1,000,000 bushels.

Modern inventions and chemical analysis have greatly expanded the uses of corn and added to the value of the corn crop. Cornstarch, glucose, grape sugar, corn oil and corn oilcake are some of the products that have become important factors in our foreign trade. Cornstarch which is used in cooking, laundry work, in dressing and finishing textiles, in the manufacture of baking powder, candles and face powders is exported in heavy volume. Exports increased from 37,000,000 pounds in 1918 to 276,000,000 pounds in 1928, the peak of the export trade being reached in 1922 when foreign countries took 349,000,000 pounds. Exports of glucose and grape sugar which are used to mix with sirups and in the production of jams, jellies, candy and chewing gum have increased from a little over 13,000,000 pounds in 1881 to nearly 146,000,000 pounds in 1928. Only once since 1909 have we exported less than 100,000,000 pounds. Exports of corn oil and corn oilcake reached figures of considerable importance before the World War but since then have shown a decided decline. Such other corn products as hominy and grits, corn feeds and "Other corn preparations" are comparatively unimportant in our foreign trade.

Foreign trade statistics of the United States for corn and its products are published annually in documents presented to Congress but the volumes are so numerous and the statistics so voluminous that it has seemed advisable to collect and tabulate this information as a separate report. Copies of the earlier publications are very few and this fact combined with the growing demand for a complete record of our foreign trade has suggested that the data be prepared in a form both convenient and useful. Except where otherwise noted the figures have been taken from the official trade reports of the United States. The quantity of corn exported from the peace of 1783 to the commencement of the present national government cannot be ascertained with any degree of accuracy and the present report therefore covers the period from July 1, 1789 to July 1, 1928.

## EXPLANATION OF TERMS

**DOMESTIC EXPORTS** - Goods produced or manufactured in this country from either domestic or imported raw materials and which are shipped to foreign countries. The kinds, quantities and values of exported merchandise are ascertained from the shipper's export declarations filed by the exporters with the collector of customs at the port of exportation.

Include exports to the Philippine Islands and Virgin Islands of the United States. Since 1902, exclude shipments from continental United States to Alaska, Hawaii and Porto Rico.

1790 - 1802 - Includes re-exports or exports of foreign merchandise.

**IMPORTS, GENERAL** - Embrace articles entered at the customhouses for immediate consumption and imported articles entered for warehouse. Include imports from the Philippine Islands and Virgin Islands of the United States. Since 1902, exclude shipments to the United States from Alaska, Hawaii and Porto Rico.

**IMPORTS FOR CONSUMPTION** - Embrace articles entered for immediate consumption and imported articles withdrawn from warehouse for consumption. The statement of general imports and the statement of imports entered for consumption for any period will always differ to the extent that the value of entries for warehouse for the period differs from the value of withdrawals from warehouse for consumption. The term "entry for consumption" is the technical name of the import entry made at the customhouse and implies that the goods have been delivered into the custody of the importer and that the duties have been paid on the dutiable portion. Some of them may be afterward exported. Imports for consumption were first reported in 1867 and published in 1868.

**KINDS, QUANTITIES AND VALUES OF IMPORTS** - The kinds, quantities, and values of imported merchandise are ascertained from the entry filed by the importer at the customhouse.

The value of imported merchandise as shown in the statistical tables is the foreign value or the export value, whichever is higher; that is, the market value or the price at which the merchandise, at the time of exportation to the United States is offered for sale in the principal markets of the country from which exported, including the cost of containers or coverings and all expenses incident to placing the merchandise in condition ready for shipment to the United States.

**RE-EXPORTS OR EXPORTS OF FOREIGN MERCHANDISE** - Goods which have been imported into this country either for re-export or consumption and are afterward exported having undergone no change in form or condition or enhancement in value by application of labor in the United States.

1790-1802 - Combined with domestic exports.

NET EXPORTS - Domestic exports and re-exports minus imports.

NET IMPORTS - Imports minus domestic exports and re-exports.

AVERAGE EXPORT VALUE PER UNIT - These have been computed by dividing the total export value each year by the total quantity and are not to be regarded as a quotation of prices.

The value upon which a given average in this table was based is composed of items which represent shipments possibly of different grades of the articles mentioned from different parts of the United States and at different seasons of the year. The actual value of any one shipment included in this total is its value at the time and place of exportation.

CONVERSIONS - Cornmeal converted to terms of grain on the basis that 1 barrel of meal is the product of 4 bushels of corn. The present milling rate is approximately 4.5 bushels of corn to one barrel of cornmeal, depending on the grade of corn milled but in earlier days before the modern process of degerminating was in use 1 barrel of cornmeal was the product of 4 bushels of corn and this factor has been used in this historic presentation. One bushel of cornmeal weighs 48 pounds and one barrel, 196 pounds.

YEARS - The years end September 30, 1790 - 1842; 1843 is for nine months, October 1, 1842 - June 30, 1843; and the years end June 30, 1844-1923.

WEIGHTS - Bushel of corn 56 pounds; bushel of cornmeal 48 pounds; barrel of cornmeal 196 pounds.

LEADERS - Indicate no information exists but do not necessarily signify that, there were no figures for that period as they may have been included with "all other" or with the "unenumerated."

NONCONTIGUOUS TERRITORY - In the statistics of foreign commerce of the United States, the Philippine Islands and Virgin Islands of the United States are treated as foreign countries.

The statistics of foreign commerce include the trade of the customs districts of Alaska, Hawaii and Porto Rico with foreign countries but since 1902 do not include the trade of these territories with the United States.

In 1903, the trade with Alaska, Hawaii and Porto Rico was for the first time fully and definitely recorded (see Commerce and Navigation of the United States, 1903, Vol. 1, page 31). Therefore separate tables have been compiled showing shipments from the United States to Alaska, Hawaii and Porto Rico, 1903 - 1928.

The collection of statistics of trade with all noncontiguous territory was authorized by an act of Congress, April 29, 1902.

## SOURCES

- 1790-1813-American State Papers, Commerce and Navigation, Class IV, Vol. VII.  
1814-1820-American State Papers, Commerce and Navigation, Class IV, Vol. II.  
1821-1917-Commerce and Navigation of the United States.  
1918- Foreign Commerce and Navigation of the United States.  
1919-1928-Monthly Summary of Foreign Commerce of the United States, June issues, and official records of the Bureau of Foreign and Domestic Commerce.

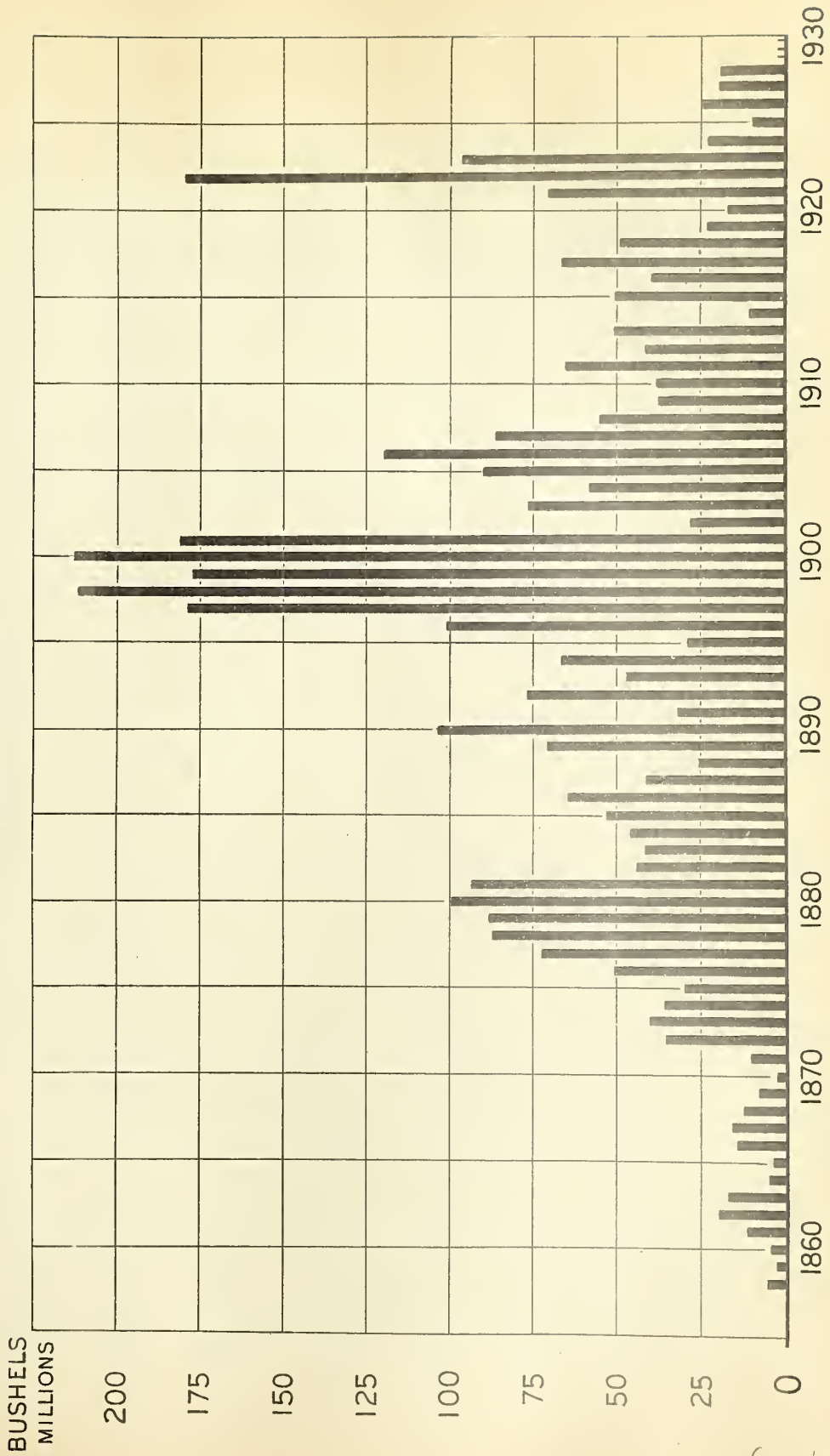
In addition to the regular trade tables also see:

- 1790-1802-Exports include both foreign and domestic.  
1793- In addition to the General Statement of Exports see Table A, Supplement to General Statement of Exports, page 295.  
1794- In addition to the General Statement of Exports, see Supplement to General Exports, page 313.  
1824- See table A, Imports from October 1, 1823-June 30, 1824, and table B, July 1-September 30, 1824.  
1833- See both free and dutiable under Table 1. Table on page 114 is a summary for certain commodities but is not supplemental to tables I and II.  
1843- Nine months only, September 1, 1842-June 30, 1843.  
1847- See tables 7 and 8 for imports from July 1-November 30, 1846 and tables 9 and 10 for imports from December 1, 1846-June 30, 1847. See tables 3 and 4 for reexports from July 1-November 30, 1846 and tables 5 and 6 for reexports from December 1, 1846-June 30, 1847.  
1854-1866-Imports from British North American Possessions under the Reciprocity Treaty with Great Britain. For complete compilation for years 1854-1866 see Senate Executive Document, No. 106, 53 Congress, 2nd Session.  
1861- See tables 3 and 4 for exports of foreign merchandise under the act of March 3, 1857 and also tables 5 and 6 for exports of foreign merchandise under act of March 2, 1861. For imports under the act of March 3, 1857 see tables 7 and 8, and tables 9 and 10 for imports under the act of March 2, 1861. Figures under these two different acts should be added.  
1860-1863-Commerce and Navigation for 1863, pages 660-661 for revised import figures for these years. Read introduction, pages 641-643.  
1865- Commerce and Navigation of the United States, 1866, Tables 22, 23 and 24 for additional trade figures through New Orleans and San Francisco during the quarter ended December 31, 1864, March 31, and June 30, 1865, which were not included in the annual Report of Commerce and Navigation for year ending June 30, 1865 as they were not received in time for publication.  
1866- Commerce and Navigation of the United States, for 1867, Part II, Table 6, for imports through New Orleans and Paso del Norte during the three quarters ended December 31, 1865, March 31, 1866 and June 30, 1866 and through Puget Sound during the quarter ended June 30, 1866 which were not included in the

Sources, continued

- 1866, cont'd- annual Report of Commerce and Navigation for the year ended June 30, 1866 as they were received too late for publication.
- 1869-1893- See also tables listing "All other articles" and "All other articles not enumerated."

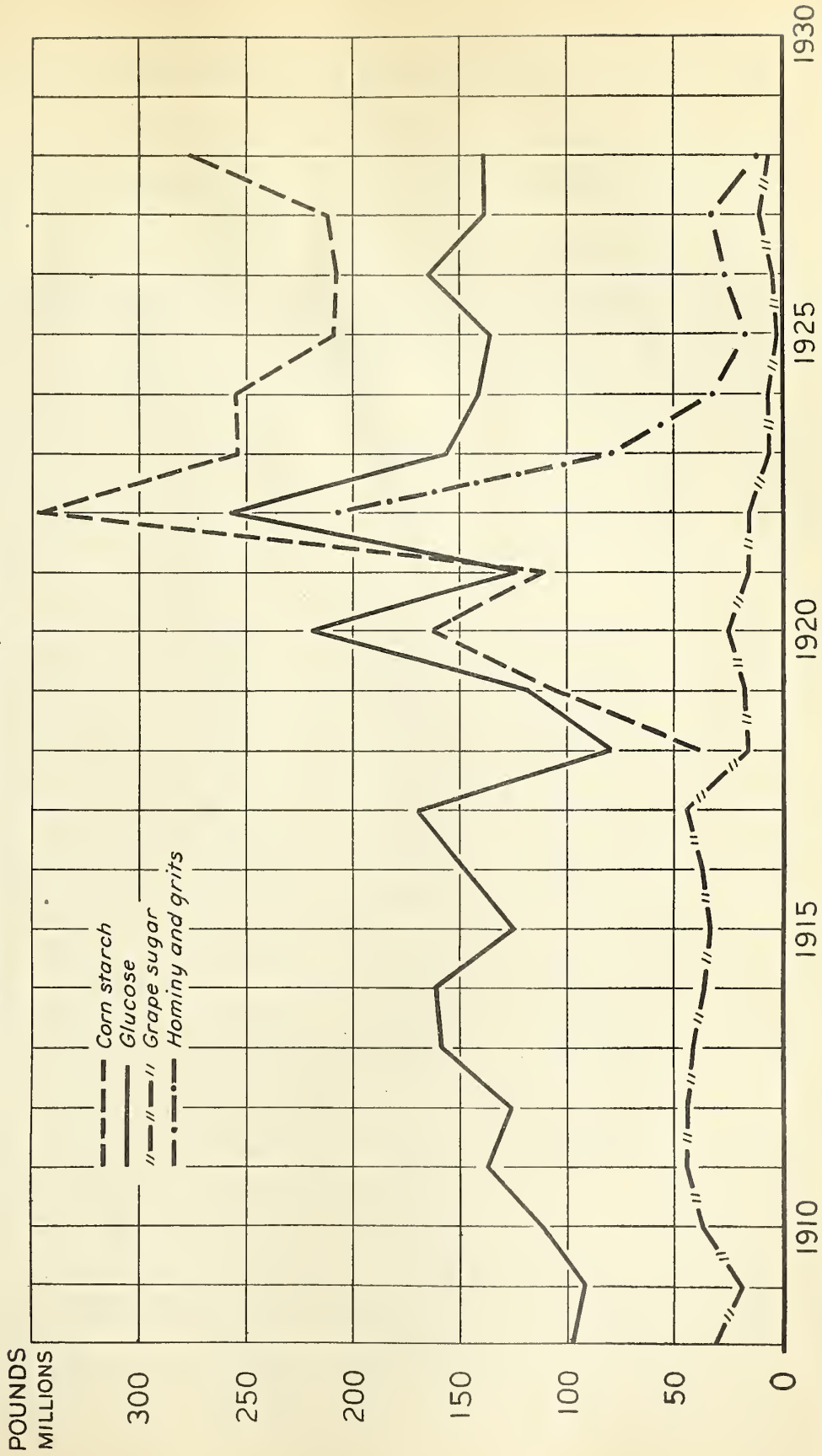
# CORN INCLUDING CORNMEAL: DOMESTIC EXPORTS 1858-1928



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# CORN STARCH, GLUCOSE, GRAPE SUGAR, AND HOMINY AND GRITS DOMESTIC EXPORTS, 1908-1928



66



FOREIGN TRADE - ANNUAL EXPORTS, IMPORTS, RE-EXPORTS AND NET BALANCE, QUANTITY AND VALUE

Table 1 - Corn: Foreign trade of the United States, 1790-1928

Year ended Sept. 30	Domestic exports			Year ended Sept. 30	Domestic exports		
	Quantity	Value	Export value per bu.		Quantity	Value	Export value per bu.
	Bushels	Dollars	Dollars		Bushels	Dollars	Dollars
1790	1/ 2,102,137	1,083,581		1821	607,277	261,099	.43
1791	1/ 1,713,241	856,621		1822	509,098	378,427	.74
1792	1/ 1,964,973	2/		1823	749,034	453,622	.61
1793	1/ 1,233,768	2/		1824	779,297	351,665	.45
1794	1/ 1,505,977	2/		1825	869,644	429,906	.49
1795	1/ 1,935,345	2/					
1796	1/ 1,173,552	2/		1826	505,381	384,955	.76
1797	1/ 804,922	2/		1827	978,664	588,462	.60
1798	1/ 1,218,231	2/		1828	704,902	342,824	.49
1799	1/ 1,200,492	2/		1829	897,656	478,862	.53
1800	1/ 1,694,327	2/		1830	444,107	224,823	.51
1801	1/ 1,768,162	2/		1831	571,312	396,617	.69
1802	1/ 1,633,283	2/		1832	451,230	278,740	.62
1803	2,079,608 3/	2,025,000		1833	487,174	337,505	.69
1804	1,944,873 3/	2,500,000		1834	303,449	203,573	.67
1805	861,501 3/	1,442,000		1835	755,781	588,276	.78
1806	1,064,263 3/	1,286,000		1836	124,791	103,702	.83
1807	612,421 3/	987,000		1837	151,276	147,982	.98
1808	249,532 3/	298,000		1838	172,321	141,992	.82
1809	522,074 3/	547,000		1839	162,306	141,095	.87
1810	1,054,252 3/	1,138,000		1840	574,279	338,333	.59
1811	2,790,850 3/	2,896,000		1841	535,727	312,954	.58
1812	2,039,999 3/	1,939,000		1842	600,308	345,150	.58
1813	1,486,970 3/	1,838,000		Year ended			
1814	61,284 3/	170,000		June			
1815	830,516 3/	1,140,000		30			
1816	1,077,614 3/	1,646,000		1843 (9 mo.)	672,608	281,749	.42
1817	387,454	581,181	1.50	1844	825,282	404,008	.49
1818	1,675,190	1,675,190	1.00	1845	840,184	411,741	.49
1819	1,086,762	815,072	.75				
1820	533,741	330,919	.62				

Continued -

Table 1 - Corn: Foreign trade of the United States, 1790-1928 - Continued

Year ended June 30	Quantity Domestic exports Bushels	Year ended June 30	Quantity Domestic exports Bushels	
1846	1,826,068	1854	7,768,816	
1847	16,326,050	1855	7,807,585	
1848	5,817,634			
1849	13,257,309	1856	10,292,280	
1850	6,595,092	1857	7,505,318	
1851	3,426,811			
1852	2,627,075			
1853	2,274,909			
Quantity				
	Domestic exports Bushels	Imports Bushels	Re-exports Bushels	Net exports Bushels
1858	4,766,145	37,204	--	4,728,941
1859	1,719,998	84,007	--	1,635,991
1860	3,314,155	49,190	--	3,264,965
1861	10,678,244	22,255	--	10,655,989
1862	18,904,898	63,519	--	18,841,379
1863	16,119,476	41,957	--	16,077,519
1864	4,096,694	30,075	--	4,066,619
1865	2,818,493	86,982	--	2,731,511
1866	13,516,651	4/ 49,321	--	4/ 13,467,330
1867	14,889,823	34,970	7,472	14,862,325
1868	11,147,490	49,922	2,264	11,099,832
1869	7,047,197	89,809	2,020	6,959,408
1870	1,392,115	82,980	--	1,303,135
1871	9,826,309	111,080	--	9,715,229
1872	34,491,650	58,568	--	34,433,082
1873	38,541,930	61,536	--	38,480,394
1874	34,434,606	76,003	--	34,358,603
1875	28,858,420	38,098	--	28,820,322

Continued -

Table 1 - Corn: Foreign trade of the United States, 1790-1928 -Continued

Year ended June 30	Value		Year ended June 30	Value	
	Domestic exports	Export value per bu.		Domestic exports	Export value per bu.
	Dollars	Dolls.		Dollars	Dollars
1846	1,186,663	.64	1854	6,074,277	.78
1847	14,395,212	.88	1855	6,961,571	.89
1848	3,837,483	.66			
1849	7,966,369	.60	1856	7,622,565	.74
1850	3,892,193	.59	1857	5,184,666	.69
1851	1,762,549	.51			
1852	1,540,225	.59			
1853	1,374,077	.60			
	Value				
	Domestic exports	Imports	Re-exports	Net exports	Export value per bu.
	Dollars	Dollars	Dollars	Dollars	Dollars
1858	3,259,039	34,936	--	3,224,103	.68
1859	1,323,103	47,218	--	1,275,885	.77
1860	2,399,808	29,503	--	2,370,305	.72
1861	6,890,865	19,620	--	6,871,245	.65
1862	10,387,383	27,118	--	10,360,265	.55
1863	10,592,704	22,843	--	10,569,861	.66
1864	3,353,280	24,727	--	3,328,553	.82
1865	3,686,957	93,532	--	3,593,425	1.31
1866	11,070,395	55,352	--	11,015,043	.82
1867	14,871,092	15,132	10,393	14,866,353	1.00
1868	13,094,036	36,128	1,800	13,059,708	1.17
1869	6,820,719	73,496	1,564	6,748,787	.97
1870	1,287,575	80,846	--	1,206,729	.92
1871	7,458,997	105,678	--	7,353,319	.76
1872	23,984,365	74,434	--	23,909,931	.70
1873	23,794,694	53,767	--	23,740,927	.62
1874	24,769,951	61,268	--	24,708,683	.72
1875	24,456,937	34,766	--	24,422,171	.85

Continued -

Table 1. - Corn: Foreign trade of the United States, 1790-1928 - Continued

Year ended June 30	Quantity			
	Domestic exports	Imports	Re-exports	Net exports
	<u>Bushels</u>	<u>Bushels</u>	<u>Bushels</u>	<u>Bushels</u>
1876	49,493,572	51,796	--	49,441,776
1877	70,830,983	30,902	--	70,830,081
1878	85,461,098	13,423	--	85,447,675
1879	86,296,252	33,869	--	86,262,383
1880	98,169,877	58,876	--	98,111,001
1881	91,908,175	75,155	--	91,833,020
1882	43,184,915	69,321	--	43,115,294
1883	40,586,825	25,989	--	40,560,836
1884	45,247,490	4,894	--	45,242,596
1885	51,834,416	4,507	--	51,829,909
1886	63,655,433	16,104	--	63,639,329
1887	40,307,252	30,536	--	40,276,716
1888	24,278,417	37,493	--	24,240,924
1889	69,592,929	2,401	1	69,590,529
1890	101,973,717	1,626	--	101,972,091
1891	30,768,213	2,111	--	30,766,102
1892	75,451,849	15,290	9,731	75,446,290
1893	46,037,274	1,881	--	46,035,393
1894	65,324,841	2,119	--	65,322,642
1895	27,691,137	16,575	--	27,674,562
1896	99,992,835	4,338	--	99,988,497
1897	176,916,365	6,284	--	176,910,081
1898	208,744,939	3,417	--	208,741,522
1899	174,089,094	4,171	1,480	174,086,403
1900	209,348,284	2,480	--	209,345,804
1901	177,817,965	5,169	--	177,812,796
1902	26,636,552	18,278	1,040	26,619,314
1903	74,833,237	40,919	500	74,792,818
1904	55,858,965	16,533	5,011	55,847,343
1905	88,807,223	15,443	--	88,791,780

Continued -

Table 1 - Corn: Foreign trade of the United States, 1790-1928 - Continued

Year ended June 30	Value				
	Domestic exports	Imports	Re-exports	Net exports	Export value per bu.
	Dollars	Dollars	Dollars	Dollars	Dollars
1876	33,265,280	46,652	--	33,218,628	.67
1877	41,621,245	26,046	--	41,595,199	.59
1878	48,030,358	12,964	--	48,017,394	.56
1879	40,655,120	33,612	--	40,621,508	.47
1880	53,298,247	65,364	--	53,232,883	.54
1881	50,702,669	88,126	--	50,614,543	.55
1882	28,845,830	59,895	--	28,785,935	.67
1883	27,756,082	22,895	--	27,733,187	.68
1884	27,648,044	4,839	--	27,643,205	.61
1885	28,003,863	4,002	--	27,999,861	.54
1886	31,730,922	8,785	--	31,722,137	.50
1887	19,347,361	16,636	--	19,330,725	.48
1888	13,355,950	20,507	--	13,335,443	.55
1889	32,982,277	1,216	1	32,981,062	.47
1890	42,658,015	908	--	42,657,107	.42
1891	17,652,687	1,651	--	17,651,036	.57
1892	41,590,460	10,752	7,196	41,586,904	.55
1893	24,587,511	1,265	--	24,586,246	.53
1894	30,211,154	1,508	--	30,209,646	.46
1895	14,650,767	7,552	--	14,643,215	.53
1896	37,836,862	1,877	--	37,834,985	.38
1897	54,087,152	2,070	--	54,085,082	.31
1898	74,196,850	1,479	--	74,195,371	.36
1899	68,977,448	1,618	463	68,976,293	.40
1900	85,206,400	1,942	--	85,204,458	.41
1901	82,527,983	3,418	--	82,524,565	.46
1902	16,185,673	13,418	575	16,172,830	.61
1903	40,540,637	29,966	205	40,510,876	.54
1904	30,071,334	10,837	1,950	30,062,447	.54
1905	47,446,921	10,623	--	47,436,298	.53

Continued -

Table 1 - Corn: Foreign trade of the United States, 1790-1928 - Continued

Year ended June 30	Quantity			
	Domestic exports	Imports	Re-exports	Net exports
	Bushels	Bushels	Bushels	Bushels
1906	117,718,657	10,127	30	117,708,560
1907	83,300,708	10,818	800	83,290,690
1908	52,445,800	20,312	1,068	52,426,556
1909	35,853,412	258,065	29,960	35,625,307
1910	36,802,374	117,950	--	36,684,424
1911	63,761,458	52,322	--	63,709,136
1912	40,038,795	53,425	77	39,985,447
1913	49,064,967	903,062	35,887	48,197,792
1914	9,380,855	12,367,369	4,011	5/ 2,982,503
1915	48,786,291	9,897,939	46,938	38,935,290
1916	38,217,012	5,208,497	74,752	33,083,267
1917	64,720,842	2,267,299	608,688	63,062,231
1918	40,997,827	3,196,420	73,540	37,874,947
1919	16,687,538	3,311,211	10,712	13,387,039
1920	14,467,926	10,229,249	62,818	4,301,495
1921	66,911,093	5,743,484	1,001,120	62,168,729
1922	176,385,614	124,591	25,842	176,286,865
1923	94,064,053	137,529	115	93,926,639
1924	21,186,344	227,704	654	20,959,294
1925	8,460,120	4,617,319	174,501	4,017,302
1926	23,137,389	635,231	4,771	22,506,929
1927	17,563,070	1,098,283	10,390	16,475,177
1928	18,373,883	5,463,055	417,880	13,328,708

continued

Table 1 - Corn: Foreign trade of the United States, 1790-1928,- Continued

Year ended June 30	Value				
	Domestic exports	Imports	Re-exports	Net exports	Export value per bu.
	Dollars	Dollars	Dollars	Dollars	Dollars
1906	62,061,856	8,458	15	62,053,413	.53
1907	44,261,816	8,337	360	44,253,839	.53
1908	33,942,197	15,536	961	33,927,622	.65
1909	25,194,486	189,465	19,700	25,024,701	.70
1910	25,427,993	72,357	--	25,355,636	.69
1911	35,961,479	37,873	--	35,923,606	.56
1912	28,957,450	47,936	124	28,909,638	.72
1913	28,800,544	491,079	21,498	28,330,963	.59
1914	7,008,028	7,917,243	3,491	5/ 905,724	.75
1915	39,339,064	6,083,385	41,571	33,297,250	.81
1916	30,780,887	2,865,003	59,892	27,975,776	.81
1917	72,497,204	1,488,529	682,501	71,691,176	1.12
1918	75,305,692	3,483,101	162,816	71,985,407	1.84
1919	26,705,819	3,271,623	21,957	23,456,153	1.60
1920	23,827,541	10,288,289	120,835	13,660,137	1.65
1921	60,030,717	6,973,327	1,056,279	54,113,669	.90
1922	115,861,864	137,029	21,567	115,746,402	.66
1923	75,031,179	158,243	138	74,873,074	.80
1924	19,552,913	226,937	916	19,326,892	.92
1925	10,629,339	4,149,901	202,589	6,682,027	1.26
1926	21,371,248	710,056	4,697	20,665,889	.92
1927	14,398,675	919,044	19,484	13,499,115	.82
1928	18,831,477	4,323,153	351,073	14,859,397	1.02

Continued -

See next page for footnotes.

Table 1.- Corn: Foreign trade of the United States, 1790-1928, Cont'd.

Division of Statistical and Historical Research. Compiled from American State papers, 1790-1820; Commerce and Navigation of the United States, 1821-1917; Foreign Commerce and Navigation of the United States, 1918; and Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1928.

Imports - Not reported prior to 1858. General imports 1858-1909, and 1912-1928; imports for consumption 1910-1911.

Re-exports - Not reported prior to 1867.

Net exports - The same as domestic exports prior to 1858.

1/ Includes re-exports.

2/ Value not reported.

3/ Includes value of Indian meal. Figures are taken from Pitkin's Statistics of the United States, edition of 1835, p. 102.

4/ Estimated. Imports as shown in the original returns are as follows: Dutiable, 3,660 bushels valued at \$3,411, dutiable through New Orleans, Paso del Norte and Puget Sound 12,781 bushels valued at \$21,363 and free valued at \$30,578. Based on 93 cents per bushel, the average import value of dutiable corn, the quantity of free corn is estimated at 32,880 bushels, making a total of 49,321 bushels.

5/ Net imports.

Table 2 - Cornmeal: Foreign trade of the United States, 1790-1928

Year ended Sept. 30	Domestic exports		Year ended Sept. 30	Domestic exports	
	Quantity	Value		Quantity	Value
	Barrels	Dollars		Barrels	Dollars
1790	<u>1/</u> 99,973	302,694	1821	131,669	345,180
1791	<u>1/</u> 70,339	140,678	1822	148,228	522,229
1792	<u>1/</u> 52,681	<u>2/</u>	1823	141,501	476,867
1793	<u>1/</u> 37,943	<u>2/</u>	1824	152,723	384,675
1794	<u>1/</u> 48,916	<u>2/</u>	1825	187,285	448,167
1795	<u>1/</u> 102,529	<u>2/</u>			
1796	<u>1/</u> 132,315	<u>2/</u>	1826	158,652	622,366
1797	<u>1/</u> 62,400	<u>2/</u>	1827	131,041	434,002
1798	<u>1/</u> 51,843	<u>2/</u>	1828	174,639	480,034
1799	<u>1/</u> 56,627	<u>2/</u>	1829	173,775	495,673
1800	<u>1/</u> 82,802	<u>2/</u>	1830	145,301	372,296
1801	<u>1/</u> 225,148	<u>2/</u>	1831	207,604	595,434
1802	<u>1/</u> 65,343	<u>2/</u>	1832	146,710	480,035
1803	133,606	<u>3/</u>	1833	146,678	534,309
1804	111,327	<u>3/</u>	1834	149,609	491,910
1805	116,131	<u>3/</u>	1835	166,782	629,389
1806	108,342	<u>3/</u>	1836	140,917	621,560
1807	136,460	<u>3/</u>	1837	159,435	763,652
1808	30,818	<u>3/</u>	1838	171,843	722,399
1809	57,260	<u>3/</u>	1839	165,672	658,421
1810	86,744	<u>3/</u>	1840	206,063	705,183
1811	147,425	<u>3/</u>	1841	232,284	682,457
1812	90,810	<u>3/</u>	1842	209,199	617,817
1813	58,521	<u>3/</u>	Year		
1814	26,438	<u>3/</u>	ended		
1815	72,364	<u>3/</u>	June 30		
1816	89,119	<u>3/</u>	1843 (9mo.)	174,354	454,166
1817	106,763	747,341	1844	247,882	641,029
1818	120,029	660,215	1845	269,030	641,552
1819	135,271	608,720			
1820	146,316	512,106			

Continued -

Table 2 - Cornmeal: Foreign trade of the United States, 1790-1928 -Continued

Year ended June 30	Domestic exports		Year ended June 30	Domestic exports	
	Quantity	Value		Quantity	Value
	Barrels	Dollars		Barrels	Dollars
1846	298,790	945,081	1854	257,403	1,002,976
1847	948,060	4,301,334	1855	267,208	1,237,122
1848	582,339	1,807,601			
1849	405,169	1,169,625	1856	293,607	1,175,688
1850	259,442	760,611	1857	267,504	957,791
			1858	237,637	877,692
1851	203,622	622,866	1859	258,885	994,269
1852	181,105	574,380	1860	233,709	912,075
1853	212,118	709,974			
			1861	203,313	692,003
Quantity			Value		
Domestic exports	Imports	Net exports	Domestic exports	Imports	Net exports
Barrels	Barrels	Barrels	Dollars	Dollars	Dollars
1862		253,506	778,344	368	777,976
1863		257,921	1,013,272	66	1,013,206
1864	1,652	260,705	1,349,765	349	1,349,416
1865	4/ 826	4/ 198,714	1,490,928	1,820	1,489,108
1866	5/ 473	5/ 236,802	1,129,484	970	1,128,514
1867	11,861	6/ 272,881	1,555,585	181	1,555,404
1868	86	336,422	2,068,430	218	2,068,212
1869	256	309,611	1,656,273	693	1,655,580
1870	137	186,956	935,676	633	935,043
1871	66	211,745	951,830	270	951,560
1872	192	308,648	1,214,999	1,150	1,213,849
1873	432	402,679	1,474,827	2,541	1,472,286
1874	36	387,771	1,529,399	179	1,529,220
1875	150	291,504	1,290,533	549	1,289,984
1876	204	354,036	1,305,027	703	1,304,324
1877	479	447,428	1,511,152	1,697	1,509,455
1878	286	432,467	1,336,187	1,203	1,334,984
1879	841	396,319	1,052,231	2,522	1,049,709
1880	1,732	348,881	981,361	6,670	974,691

Continued -

Table 2 - Cornmeal: Foreign trade of the United States, 1790-1928 -Continued

Year ended June 30	Quantity			Value		
	Domestic exports	Imports	Net exports	Domestic exports	Imports	Net exports
	Barrels	Barrels	Barrels	Dollars	Dollars	Dollars
1881	434,993	129	434,864	1,270,200	719	1,269,481
1882	288,942	1,343	287,599	994,201	4,541	989,660
1883	267,207	3,109	264,098	980,798	6,005	974,793
1884	252,779	191	252,588	818,739	170	818,569
1885	260,510	38	260,472	816,459	207	816,252
1886	293,546	854	292,692	858,370	1,993	856,377
1887	265,333	202	265,131	705,343	515	704,828
1888	270,613	62	270,551	765,036	248	764,788
1889	312,186	97	312,089	870,485	353	870,132
1890	361,248	65	361,183	896,879	232	896,647
1891	318,329	71	318,258	946,977	223	946,754
1892	287,609	55	287,554	919,961	210	919,751
1893	271,155	50	271,105	793,081	165	792,916
1894	291,172	68	291,104	770,526	301	770,225
1895	223,567	11	223,556	648,844	37	648,807
1896	276,885	83	276,802	654,121	287	653,834
1897	475,263	76	475,187	902,061	273	901,788
1898	827,651	61	827,590	1,766,068	193	1,765,875
1899	791,488	9	791,479	1,775,868	35	1,775,833
1900	943,782	17	943,765	2,148,410	86	2,148,324
1901	896,877	45	896,832	2,065,432	335	2,065,097
1902	348,034	53	347,981	1,046,643	331	1,046,312
1903	451,506	87	451,419	1,382,127	522	1,381,605
1904	590,774	68	590,706	1,691,669	478	1,691,191
1905	371,565	57	371,508	1,113,295	280	1,113,015
1906	543,794	81	543,713	1,623,397	453	1,622,944
1907	766,880	41	766,839	2,313,410	209	2,313,201
1908	654,515	31	654,484	2,053,447	182	2,053,265
1909	452,907	42	452,865	1,549,010	235	1,548,775
1910	331,531	20	331,511	1,147,568	127	1,147,441
1911	463,266	60	463,206	1,456,683	258	1,456,425
1912	439,624	34	439,590	1,519,792	217	1,519,575
1913	428,794	37	428,757	1,444,539	278	1,444,261
1914	336,241	278	335,963	1,185,891	734	1,185,157
1915	470,503	227	470,276	1,923,214	1,137	1,922,077

Continued -

Table 2.--Cornmeal: Foreign trade of the United States, 1790-1928 - Continued

Year ended June 30	Quantity			Value		
	Domestic		Net	Domestic		Net
	exports	Imports	exports	exports	Imports	exports
	Barrels	Barrels	Barrels	Dollars	Dollars	Dollars
1916	419,979	544	419,435	1,601,258	3,225	1,598,033
1917	508,113	653	507,460	2,757,324	2,532	2,754,792
1918	2,013,859	136	2,012,723	20,358,644	1,008	20,357,636
1919	1,582,821	8,633	1,574,188	14,717,782	52,495	14,665,287
1920	565,205	13,342	551,863	5,217,839	80,716	5,137,123
1921	998,672	11,946	986,726	7,276,469	29,655	7,246,814
1922	776,207	4,468	771,739	2,634,057	11,865	2,622,192
1923	653,042	10,994	622,048	2,470,410	41,233	2,429,177
1924	487,214	2,980	484,234	2,223,571	10,433	2,213,138
1925	332,754	84	332,670	1,971,033	1,186	1,969,847
1926	411,292	407	410,885	2,150,316	2,371	2,148,745
1927	564,019	42	535,971	2,374,113	654	2,673,450
1928	253,898	13	253,885	1,274,635	207	1,274,428

Division of Statistical and Historical Research. Compiled from American State Papers, 1790-1820; Commerce and Navigation of the United States, 1821-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1928 and official records of the Bureau of Foreign and Domestic Commerce. No imports reported prior to 1862; general imports, 1862-1871; imports for consumption 1872-1927. Beginning Sept. 22, 1922 imports include flour grits and similar products. Re-exports not reported except for 1867. Net exports the same as domestic exports prior to 1862. In the original returns domestic exports reported in bushels 1796-1802, and imports 1862-1865 and 1884-1909. One bushel of cornmeal equals 48 pounds and one barrel equals 196 pounds.

1/ Includes re-exports. 2/ Value not reported. 3/ Combined with the value of corn.

4/ Estimated. Imports as shown in the original returns, are as follows: free 3,355 bushels valued at \$1,812; dutiable valued at \$8. Based on \$2.204 per barrel, the average import value of free cornmeal, the quantity of dutiable cornmeal is estimated at 4 barrels, making a total of 826 barrels.

5/ Estimated. Imports as shown in the original returns are as follows; free cornmeal valued at \$715; dutiable valued at \$229 and dutiable through New Orleans, Paso del Norte and San Francisco 8 barrels at \$26. The average import value of dutiable and free cornmeal estimated at \$2.03 on the following basis; the average export value of cornmeal for 1865 was \$3.70 per barrel and for 1866, \$3.39 per barrel, a decrease of 8.4%. The average import value of cornmeal for 1865, \$2.204 minus 8.4% equals \$2.03 per barrel. Based on \$2.03, the average estimated import value per barrel, imports of free meal were estimated at 352 barrels and dutiable meal at 113 barrels making a total of 473 barrels.

6/ Includes re-exports of 461 barrels of cornmeal.

Table 3.- Corn, Including Meal: Foreign trade of the United States, 1790-1928.

Year ended Sept. 30	Domestic exports		Year ended Sept. 30	Domestic exports	
	Quantity Bushels	Value Dollars		Quantity Bushels	Value Dollars
1790	1/2,502,029	1,386,275	1821	1,133,953	606,279
1791	1/1,994,597	997,299	1822	1,102,010	900,656
1792	1/2,175,697	2/	1823	1,315,038	930,489
1793	1/1,385,540	2/	1824	1,390,189	736,340
1794	1/1,701,641	2/	1825	1,618,784	878,073
1795	1/2,345,461	2/			
1796	1/1,791,022	2/	1826	1,139,989	1,007,321
1797	1/1,096,121	2/	1827	1,502,828	1,022,434
1798	1/1,460,167	2/	1828	1,403,458	822,858
1799	1/1,464,750	2/	1829	1,592,756	974,535
1800	1/2,080,736	2/	1830	1,025,311	597,119
1801	1/2,818,853	2/	1831	1,401,728	992,051
1802	1/1,938,216	2/	1832	1,038,070	758,775
1803	2,614,032	3/ 2,025,000	1833	1,073,886	871,814
1804	2,390,181	3/ 2,500,000	1834	901,885	695,483
1805	1,326,025	3/ 1,442,000	1835	1,422,909	1,217,665
1806	1,497,631	3/ 1,286,000	1836	688,459	725,262
1807	1,158,261	3/ 987,000	1837	789,016	911,634
1808	372,804	3/ 298,000	1838	859,693	864,391
1809	751,114	3/ 547,000	1839	824,994	799,516
1810	1,401,228	3/ 1,138,000	1840	1,398,531	1,043,516
1811	3,380,550	3/ 2,896,000	1841	1,464,863	995,411
1812	2,403,239	3/ 1,939,000	1842	1,437,104	962,967
1813	1,721,054	3/ 1,838,000	Year		
1814	167,036	3/ 170,000	ended		
1815	1,119,972	3/ 1,140,000	June 30:		
1816	1,434,090	3/ 1,646,000	1843 (9mo)	1,370,024	735,915
1817	814,506	1,328,522	1844	1,816,810	1,045,037
1818	2,155,306	2,335,405	1845	1,916,304	1,053,293
1819	1,627,846	1,423,792			
1820	1,119,005	843,025			

Continued

Table 3.- Corn, Including Meal: Foreign trade of the United States, 1790-1928  
Continued

Year ended June 30	Quantity Domestic exports Bushels	Year ended June 30	Quantity Domestic exports Bushels	
1846	3,021,228	1851	4,241,299	
1847	20,118,290	1852	3,351,495	
1848	8,146,990	1853	3,123,381	
1849	14,877,985	1854	8,798,428	
1850	7,632,860	1855	8,876,417	
		1856	11,466,708	
		1857	8,575,334	
	Domestic exports Bushels	Imports Bushels	Re-exports Bushels	Net exports Bushels
1858	5,716,693	37,204	--	5,679,489
1859	2,755,538	84,007	--	2,671,531
1860	4,248,991	49,190	--	4,199,801
1861	11,491,496	22,255	--	11,469,241
1862	19,919,178	63,817	--	19,855,361
1863	17,151,268	42,085	--	17,109,183
1864	5,146,122	37,785	--	5,108,337
1865	3,616,653	4/ 90,286	--	3,526,367
1866	14,465,751	5/ 51,213	--	14,414,538
1867	16,026,947	82,414	9,316	15,953,849
1868	12,493,522	50,266	2,264	12,445,520
1869	8,286,665	90,833	2,020	8,197,852
1870	2,140,487	89,528	--	2,050,959
1871	10,673,553	111,344	--	10,562,209
1872	35,727,010	59,336	--	35,667,674
1873	40,154,374	63,264	--	40,091,110
1874	35,985,834	76,147	--	35,909,687
1875	30,025,036	38,698	--	29,986,338
1876	50,910,532	52,612	--	50,857,920
1877	72,652,611	32,818	--	72,619,793
1878	87,192,110	14,567	--	87,177,543
1879	87,884,892	37,233	--	87,847,659
1880	99,572,329	65,804	--	99,506,525

continued

Table 3.- Corn, Including Meal: Foreign trade of the United States, 1790-1928  
Continued

Year ended June 30	Value		Year ended June 30	Value	
	Domestic exports			Domestic exports	
	Dollars			Dollars	
1846	2,131,744		1851	2,385,415	
1847	18,696,546		1852	2,114,605	
1848	5,645,084		1853	2,084,051	
1849	9,135,994		1854	7,077,253	
1850	4,652,804		1855	8,198,693	
			1856	8,798,253	
			1857	6,142,457	
	Domestic exports	Imports	Re-exports	Net exports	
	Dollars	Dollars	Dollars	Dollars	
1858	4,136,731	34,936	--	4,101,795	
1859	2,317,372	47,213	--	2,270,154	
1860	3,311,883	29,503	--	3,282,380	
1861	7,582,868	19,620	--	7,563,248	
1862	11,165,727	27,486	--	11,138,241	
1863	11,605,976	22,909	--	11,583,067	
1864	4,703,045	25,076	--	4,677,969	
1865	5,177,885	95,352	--	5,082,533	
1866	12,199,879	56,322	--	12,143,557	
1867	16,426,677	15,313	13,792	16,425,156	
1868	15,162,466	36,346	1,800	15,127,920	
1869	8,476,992	74,189	1,564	8,404,367	
1870	2,223,251	81,479	--	2,141,772	
1871	8,410,827	105,948	--	8,304,879	
1872	25,199,364	75,584	--	25,123,780	
1873	25,269,521	56,308	--	25,213,213	
1874	26,299,350	61,447	--	26,237,903	
1875	25,747,470	35,315	--	25,712,155	
1876	34,570,307	47,355	--	34,522,952	
1877	43,132,397	27,743	--	43,104,654	
1878	49,366,545	14,167	--	49,352,378	
1879	41,707,351	36,134	--	41,671,217	
1880	54,279,608	72,034	--	54,207,574	

Continued

Table 3. - Corn Including Meal: Foreign trade of the United States, 1790-1928  
Continued

Year ended June 30	Quantity			
	Domestic exports	Imports	Re-exports	Net exports
	Bushels	Bushels	Bushels	Bushels
1881	93,648,147	75,371	--	93,572,476
1882	44,340,683	74,993	--	44,265,690
1883	41,655,653	38,425	--	41,617,228
1884	46,258,606	5,783	--	46,252,823
1885	52,876,456	4,683	--	52,871,773
1886	64,829,617	20,088	--	64,809,529
1887	41,368,584	31,477	--	41,337,107
1888	25,360,869	37,731	--	25,323,088
1889	70,841,673	2,854	1	70,838,819
1890	103,418,709	1,928	--	103,416,781
1891	32,041,529	2,440	--	32,039,089
1892	76,602,285	15,548	9,731	76,596,468
1893	47,121,894	2,113	--	47,119,781
1894	66,489,529	2,518	--	66,487,011
1895	28,585,405	16,325	--	28,568,780
1896	101,100,375	4,724	--	101,095,651
1897	178,817,417	6,657	--	178,810,780
1898	212,055,543	3,702	--	212,051,841
1899	177,255,046	4,213	1,480	177,252,313
1900	213,123,412	2,558	--	213,120,854
1901	181,405,473	5,379	--	181,400,094
1902	28,028,688	18,527	1,040	28,011,201
1903	76,639,261	41,326	500	76,598,435
1904	58,222,061	16,948	5,011	58,210,124
1905	90,293,483	15,709	--	90,277,774
1906	119,893,833	10,503	30	119,883,357
1907	86,368,228	11,008	800	86,358,020
1908	55,063,860	20,456	1,068	55,044,472
1909	37,665,040	258,259	29,960	37,436,741
1910	38,128,498	118,030	--	38,010,468
1911	65,614,522	52,562	--	65,561,960
1912	41,797,291	53,561	77	41,743,807
1913	50,780,143	903,210	35,887	49,912,820
1914	10,725,819	12,368,481	4,011	6/ 1,638,651
1915	50,668,303	9,898,847	46,938	40,816,394

continued

Table 3.- Corn Including Meal: Foreign trade of the United States, 1790-1928  
Continued

Year ended June 30	Value			
	Domestic exports	Imports	Re-exports	Net exports
	Dollars	Dollars	Dollars	Dollars
1881	51,972,869	88,845	--	51,884,024
1882	29,840,031	64,436	--	29,775,595
1883	28,736,880	28,900	--	28,707,980
1884	28,466,783	5,009	--	28,461,774
1885	28,820,322	4,209	--	28,816,113
1886	32,589,292	10,778	--	32,578,514
1887	20,052,704	17,151	--	20,035,553
1888	14,120,986	20,755	--	14,100,231
1889	33,852,762	1,569	--	33,851,193
1890	43,554,894	1,140	--	43,553,754
1891	18,599,664	1,874	--	18,597,790
1892	42,510,421	10,962	7,196	42,506,655
1893	25,380,592	1,430	--	25,379,162
1894	30,981,680	1,809	--	30,979,871
1895	15,299,611	7,589	--	15,292,022
1896	38,490,983	2,164	--	38,488,819
1897	54,989,213	2,343	--	54,986,870
1898	75,962,918	1,672	--	75,961,246
1899	70,753,316	1,653	463	70,752,126
1900	87,354,810	2,028	--	87,352,782
1901	84,593,415	3,753	--	84,589,662
1902	17,232,316	13,749	575	17,219,142
1903	41,922,764	30,488	205	41,892,481
1904	31,763,003	11,315	1,950	31,753,638
1905	48,560,216	10,903	--	48,549,313
1906	63,685,253	8,911	15	63,676,357
1907	46,575,226	8,546	360	46,567,040
1908	35,995,644	15,718	961	35,980,887
1909	26,743,476	189,700	19,700	26,573,476
1910	26,575,561	72,484	--	26,503,077
1911	37,418,162	38,131	--	37,380,031
1912	30,477,242	48,153	124	30,429,213
1913	30,245,083	491,357	21,498	29,775,224
1914	8,193,919	7,917,977	3,491	279,433
1915	41,262,278	6,084,522	41,571	35,219,327

Continued

Table 3.- Corn including Meal: Foreign trade of the United States, 1790-1928  
Continued

Year ended June 30	Quantity			
	Domestic exports	Imports	Re-exports	Net exports
	<u>Bushels</u>	<u>Bushels</u>	<u>Bushels</u>	<u>Bushels</u>
1916	39,896,928	5,210,673	74,752	34,761,007
1917	66,753,294	2,259,911	608,688	65,092,071
1918	49,073,263	3,196,964	73,540	45,949,839
1919	23,018,822	3,345,743	10,712	19,683,791
1920	16,728,746	10,282,617	62,818	6,508,947
1921	70,905,781	5,791,268	1,001,120	66,115,633
1922	179,490,442	142,463	25,842	179,373,821
1923	96,596,221	181,505	115	96,414,831
1924	23,135,200	239,624	654	22,896,230
1925	9,791,136	4,617,655	174,501	5,347,982
1926	24,782,557	636,859	4,771	24,150,469
1927	19,819,146	1,098,475	10,390	18,731,061
1928	19,389,475	5,463,107	417,880	14,344,248
	Value			
	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
1916	32,382,145	2,868,228	59,892	29,573,809
1917	75,254,528	1,491,061	682,501	74,445,968
1918	95,664,336	3,484,109	162,816	92,343,043
1919	41,423,601	3,324,118	21,957	38,121,440
1920	29,045,380	10,369,005	120,885	18,797,250
1921	67,307,186	7,002,982	1,056,279	61,360,483
1922	118,495,921	148,894	21,567	118,368,594
1923	77,501,589	199,476	138	77,302,251
1924	21,776,484	237,370	916	21,540,030
1925	12,600,372	4,151,087	202,589	8,651,874
1926	23,521,564	712,327	4,697	22,813,934
1927	17,072,788	919,698	19,484	16,172,574
1928	20,106,112	4,323,330	351,073	16,133,835

Continued.

Table 3.- Corn including meal: Foreign trade of the United States,  
1790-1928, Continued

Division of Statistical and Historical Research. Compiled from American State papers, 1790-1820; Commerce and Navigation of the United States, 1821-1917; Foreign Commerce and Navigation of the United States, 1917; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1928, and official records of the Bureau of Foreign and Domestic Commerce.

Imports - Not reported prior to 1858.

Re-exports - Not reported prior to 1867.

Net exports - The same as domestic exports prior to 1858.

Corn - General imports 1858-1909 and 1912-1928; imports for consumption 1910-1911.

Cornmeal - General imports 1862-1871; imports for consumption 1872-1928. In the original returns domestic exports of cornmeal reported in bushels for 1796-1802 and imports for 1862-1865 and 1884-1909. In converting to terms of grain, bushels of cornmeal were used when reported as such in the original returns, which accounts for a slight difference in the figures for the above years. The present milling rate is approximately 4.5 bushels of corn to one barrel of cornmeal, depending on the grade of corn milled, but in earlier days before the modern process of degerminating was in use 1 barrel of cornmeal was the product of 4 bushels of corn and this factor has been used in this historic presentation. One bushel of cornmeal weight 48 pounds and one barrel 196 pounds.

1/ Includes re-exports.

2/ Value not reported.

3/ From Pitkin's Statistics of the United States, edition of 1835, p. 102.

4/ Estimated. Imports as shown in the original returns are as follows:  
Free . 3,355 bushels valued at \$1,812; dutiable valued at \$8. Based on \$2,204 per barrel, the average import value of free cornmeal, the quantity of dutiable cornmeal was estimated at 4 barrels, making a total of 826 barrels.

5/ Estimated. Imports of corn as shown in the original returns are as follows: Dutiable, 3,660 bushels valued at \$3,411, dutiable through New Orleans, Paso del Norte and Puget Sound 12,781 bushels valued at \$21,363 and free valued at \$30,578. Based on 93 cents per bushel, the average import value of dutiable corn, the quantity of free corn was estimated at 32,880 bushels, making a total of 49,321 bushels. Imports of cornmeal as shown in the original returns are as follows: Free cornmeal valued at \$715; dutiable valued at \$229, and dutiable through New Orleans, Paso del Norte and San Francisco 8 barrels at \$26. The average import value of dutiable and free cornmeal was estimated at \$2.03 on the following basis, the average export value of cornmeal for 1865 was \$3.70 per barrel and for 1866, \$3.39 per barrel a decrease of 8.4%. The average import value of cornmeal for 1865, \$2,204 minus 8.4% equals \$2.03 per barrel. Based on \$2.03, the average estimated import value per barrel, imports of free meal were estimated at 352 barrels and dutiable meal at 113 barrels, making a total of 473 barrels.

6/ Net imports.

Table 4.-- Glucose and Grape Sugar: Foreign trade of the United States, 1872-1928.

Year ended June 30	Quantity			Value		
	Domestic exports	Imports	Net exports	Domestic exports	Imports	Net exports
	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1872	--	<u>1/</u>	--	--	7,509	<u>2/</u> 7,509
1873	--	<u>1/</u>	--	--	13,223	<u>2/</u> 13,223
1874	--	--	--	--	--	--
1875	--	--	--	--	--	--
1876	--	<u>1/</u>	--	--	44,436	<u>2/</u> 44,436
1877	--	<u>1/</u>	--	--	204,516	<u>2/</u> 204,516
1878	--	<u>1/</u>	--	8,864	150,296	<u>2/</u> 141,432
1879	--	<u>1/</u>	--	57,194	138,233	<u>2/</u> 81,039
1880	--	<u>1/</u>	--	275,048	140,481	134,567
1881	13,260,184	2,711,588	10,548,596	451,415	109,622	341,793
1882	5,535,778	2,284,592	3,251,186	181,411	83,293	98,118
1883	5,660,973	2,388,590	3,272,383	196,114	81,798	114,316
1884	6,773,115	6,420,573	352,542	212,628	75,246	137,382
1885	1,825,795	2,421,899	<u>2/</u> 596,104	60,078	66,535	<u>2/</u> 6,457
1886	2,572,090	2,003,771	568,319	67,775	45,225	22,550
1887	4,476,931	1,784,642	2,692,289	118,620	35,644	82,976
1888	6,263,751	1,862,567	4,401,184	163,573	38,259	125,314
1889	31,225,220	833,586	30,451,634	748,560	21,642	726,918
1890	38,256,161	900,249	37,355,912	855,176	21,562	833,614
1891	58,149,427	815,125	57,334,302	1,394,131	21,589	1,372,542
1892	96,486,953	294,364	96,192,589	2,272,779	11,995	2,260,784
1893	101,546,814	199,784	101,347,030	2,204,216	6,090	2,198,126
1894	124,796,288	217,847	124,578,441	2,328,707	6,621	2,322,086
1895	133,808,329	120,402	133,687,927	2,567,784	2,976	2,564,808
1896	171,231,650	137,604	171,094,046	2,772,335	3,180	2,769,155
1897	194,419,250	82,371	194,336,879	2,755,674	1,840	2,734,834
1898	196,864,605	96,896	196,767,709	2,871,839	2,367	2,869,472
1899	229,003,571	115,777	228,887,794	3,624,890	3,122	3,621,768
1900	221,901,459	49,895	221,851,564	3,600,139	1,214	3,598,925
1901	204,209,974	94,767	204,115,207	3,113,898	2,317	3,111,581
1902	130,419,611	100,352	130,319,259	2,319,286	2,727	2,316,559
1903	126,239,981	43,897	126,196,084	2,460,022	1,194	2,458,828
1904	152,768,716	42,325	152,726,391	2,949,545	1,450	2,948,095
1905	175,250,580	90,092	175,160,488	3,206,794	3,076	3,203,718
1906	189,656,011	119,802	189,536,209	3,489,192	3,591	3,485,601
1907	151,629,441	164,918	151,464,523	3,017,527	4,465	3,013,062

Continued.

Table 4.- Glucose and Grape Sugar: Foreign trade of the United States, 1872-1928 -- Continued

Year ended June 30	Glucose					
	Quantity			Value		
	Domestic exports Pounds	Imports Pounds	Net exports Pounds	Domestic exports Dollars	Imports Dollars	Net exports Dollars
1908	98,608,192	557,465	98,250,727	1,898,652	9,438	1,889,214
1909	92,652,409	462,117	92,190,292	1,928,406	12,406	1,926,000
1910	112,730,639	146,729	112,583,910	2,623,131	4,223	2,618,905
1911	137,461,782	268,592	137,193,190	2,596,220	7,850	2,588,370
1912	126,395,045	239,383	126,155,662	2,911,736	8,345	2,903,391
1913	158,365,604	212,625	158,152,979	3,682,371	7,166	3,675,205
1914	162,680,378	262,223	162,418,155	3,766,284	9,025	3,757,259
1915	125,434,878	52,799	125,382,079	3,103,561	1,380	3,101,681
1916	148,523,098	1,233	148,521,865	3,772,860	313	3,772,547
1917	170,025,606	7,696	170,017,910	5,960,583	331	5,960,255
1918	80,970,744	105,551	80,865,193	4,949,159	6,482	4,942,677
1919	118,835,342	--	118,835,342	6,588,661	--	6,588,661
1920	219,425,235	--	219,425,235	13,831,817	--	13,831,817
1921	125,972,386	--	125,972,386	5,022,693	--	5,022,693
1922	258,447,893	--	258,447,893	6,109,862	--	6,109,862
1923	156,314,639	--	156,314,639	4,788,099	--	4,788,099
1924	141,141,220	--	141,141,220	4,860,251	--	4,860,251
1925	136,822,788	--	136,822,788	5,289,686	--	5,289,686
1926	165,589,145	--	165,589,145	5,737,399	--	5,737,399
1927	138,347,068	--	138,347,068	4,398,511	--	4,398,511
1928	139,182,563	--	139,182,563	4,605,415	--	4,605,415

Continued

Table 4. - Glucose and Grape Sugar: Foreign trade of the United States, 1872-1928.

Year ended June 30	Grape Sugar					
	Quantity			Value		
	Domestic exports	Imports	Net exports	Domestic exports	Imports	Net exports
Pounds	Pounds	Pounds	Dollars	Dollars	Dollars	
1908	31,078,642	23	31,078,619	641,988	13	641,975
1909	19,572,095	4	19,572,091	407,683	2	407,681
1910	37,089,449	20	37,089,429	792,089	20	792,069
1911	44,501,264	52	44,501,212	799,163	25	799,138
1912	44,761,214	21	44,761,193	1,005,161	20	1,005,141
1913	41,783,642	4,438	41,779,204	970,025	598	969,427
1914	36,850,496	93	36,850,403	799,635	48	799,587
1915	33,027,630	361	33,027,269	781,672	51	781,621
1916	37,883,084	110	37,882,974	962,101	62	962,039
1917	44,947,709	--	44,947,709	1,398,145	--	1,398,145
1918	16,887,557	--	16,887,557	1,045,512	--	1,045,512
1919	17,394,882	--	17,394,882	875,355	--	875,355
1920	25,839,015	--	25,839,015	1,559,620	--	1,559,620
1921	15,981,960	--	15,981,960	836,858	--	836,858
1922	15,534,234	--	15,534,234	448,244	--	448,244
1923	6,378,736	--	6,378,736	225,511	--	225,511
1924	6,909,709	--	6,909,709	296,167	--	296,167
1925	2,753,957	--	2,753,957	119,568	--	119,568
1926	4,552,385	--	4,552,385	154,415	--	154,415
1927	10,442,493	--	10,442,493	353,320	--	353,320
1928	6,767,843	--	6,767,843	226,920	--	226,920

Division of Statistical and Historical Research. Compiled from Commerce and Navigation of the United States, 1872-1917; Foreign Commerce and Navigation of the United States, 1918; Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1928 and official records of the Bureau of Foreign and Domestic Commerce.

Domestic exports - Not reported prior to 1831. For 1878 and 1879, stated in the original returns as "grape sugar"; 1882 and 1883, as "glucose (grape sugar)".

For 1880 stated as glucose, 2,988,860 pounds valued at \$103,771; and grape and maple sugar, \$171,277; 1881 as glucose, 821,937 pounds valued at \$28,587 and grape sugar 12,438,247 pounds valued at \$422,828.

Imports - Not reported prior to 1872. General imports 1872 - 1893; imports for consumption 1894 - 1928. Glucose and grape sugar reported separately after 1907.

Re-exports not reported.

1/ Reported in value only.

2/ Net imports.

Table 5. - Corn Oil and Corn Oil Cake: Foreign trade of the United States, 1898 - 1928.

Year ended June 30	Corn Oil		Corn Oilcake	
	Domestic exports		Domestic exports	
	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
1898	2,646,560	575,646	2,202,680	20,286
1899	2,360,623	555,293	1,922,264	17,623
1900	4,383,926	1,351,867	4,888,776	48,783
1901	4,808,545	1,831,980	12,703,209	131,774
1902	4,266,398	1,769,370	14,740,498	164,056
1903	3,788,035	1,467,493	8,093,222	95,568
1904	3,222,875	998,613	14,014,885	169,921
1905	3,108,917	890,937	24,171,127	278,526
1906	3,833,251	1,172,206	48,420,942	605,346
1907	3,041,269	1,083,929	56,808,972	677,156
1908	3,659,330	1,456,120	66,127,704	801,787
1909	3,258,889	1,293,580	53,233,890	727,355
1910	11,299,332	643,392	49,108,598	689,633
1911	25,316,799	1,575,605	83,384,870	1,115,986
1912	23,866,146	1,526,931	72,490,021	1,035,291
1913	19,839,222	1,292,009	76,262,845	1,131,330
1914	18,281,576	1,307,204	59,030,623	909,407
1915	17,789,635	1,302,159	45,026,125	798,206
1916	8,967,826	770,076	18,996,490	297,041
1917	8,779,760	998,105	15,757,612	289,547
1918	1,831,114	306,219	457,584	10,246
1919	1,095,414	227,727	562,300	16,193
1920	12,482,679	2,954,637	510,800	15,216
1921	6,919,170	1,033,106	1,794,653	29,989
1922	5,280,351	588,269	3,595,681	62,112
1923	5,223,644	651,422	686,306	12,091
1924	4,195,988	540,333	1/	1/
1925	3,586,458	490,617	1/	1/
1926	2,927,111	408,239	1/	1/
1927	404,732	50,225	1/	1/
1928	328,668	43,525	1/	1/

Division of Statistical and Historical Research. Compiled from Commerce and Navigation of the United States, 1898-1917; Foreign Commerce and Navigation of the United States, 1918 and Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1928.

No exports of corn oil or corn oil cake reported prior to 1898. Imports and re-exports not separately reported. 1/ Included with "Other oilcake."

Table 6 - Corn Starch, Hominy and Grits, Corn Feeds and Other Preparations:  
Foreign trade of the United States,  
1918-1928

Year ended June 30:	Corn Starch		Hominy and Grits	
	Domestic exports		Domestic exports	
	Quantity	Value	Quantity	Value
	Pounds	Dollars	Pounds	Dollars
1918	38,659,323	2,220,377	--	--
1919	105,726,970	5,333,480	--	--
1920	163,314,642	10,238,284	--	--
1921	110,514,424	4,251,173	--	--
1922	348,940,114	7,294,865	<u>1/</u> 208,035,871	<u>1/</u> 3,553,338
1923	254,060,008	6,741,443	79,378,664	1,335,258
1924	255,134,988	8,148,320	32,160,315	642,596
1925	209,865,494	7,222,626	16,556,022	448,330
1926	208,462,588	6,970,908	26,689,830	547,840
1927	212,374,880	6,500,640	32,829,173	617,732
1928	275,908,902	8,662,515	11,555,052	282,504
	Corn Feeds		Other corn preparations	
1922	<u>1/</u> 2,624	<u>1/</u> 69,530	<u>1/</u> 1,008,002	<u>1/</u> 55,644
1923	767	22,723	5,080,646	303,423
1924	1,565	55,019	5,923,593	394,241
1925	--	--	7,528,506	552,207
1926	--	--	8,895,183	651,607
1927	--	--	9,446,131	696,306
1928	--	--	7,152,087	553,124

Division of Statistical and Historical Research. Compiled from Foreign Commerce and Navigation of the United States, 1918 and Monthly Summary of Foreign Commerce of the United States, June issues, 1919-1928.

Corn starch included with "Starch" prior to 1918.

Hominy and grits included with "Other grains and preparations" prior to 1922.

1/ Jan. 1 - June 30, 1922.

Table 7 - Corn and Corn Products: Shipments from the United States to Alaska - 1903-1928.

Year ended June 30	Quantity				Value			
	Corn	Cornmeal and flour	Glucose & grape sugar	Oilcake & oilcake meal	Corn	Cornmeal and flour	Glucose & grape sugar	Oilcake & oilcake meal
	Bushels	Barrels	Pounds	Pounds	Dollars	Dollars	Dollars	Dollars
1903	1,847	1,485	2,672	--	1,291	5,068	115	--
1904	2,101	1,554	3,760	3,966	1,626	6,086	97	49
1905	1,707	2,146	3,614	14,840	1,322	8,683	111	225
1906	2,872	2,496	5,845	8,440	1,831	9,804	173	124
1907	4,963	1,706	3,373	20,880	3,697	6,759	73	512
1908	17,792	855	6,318	18,848	13,237	3,538	228	334
1909	9,937	1,945	5,743	6,960	8,595	9,364	211	137
1910	10,495	2,553	6,154	9,542	8,993	12,090	215	185
1911 - 1922	Not reported.							
1923	4,863	2,820	--	--	5,616	14,276	--	--
1924	3,294	2,128	--	--	4,234	12,495	--	--
1925	7,006	2,962	--	--	10,567	20,830	--	--
1926	4,251	2,245	--	--	6,181	14,294	--	--
1927	3,248	1,875	--	--	4,276	11,437	--	--
1928	2,382	3,209	--	--	3,447	20,879	--	--

Division of Statistical and Historical Research. Compiled from Commerce and Navigation of the United States, 1903-1912, and Monthly Summary of Foreign Commerce of the United States, June issues, 1913-1928.

Table 8. - Corn And Corn Products: Shipments from the United States to Hawaii  
1903 - 1928.

Year ended June 30	Quantity			Value		
	Corn	Cornmeal and flour	Glucose and grape sugar	Corn	Cornmeal and flour	Glucose and grape sugar
	Bushels	Barrels	Pounds	Dollars	Dollars	Dollars
1903	55,683	--	53,004	48,158	--	1,700
1904	41,553	2	69,292	37,239	9	1,992
1905	43,176	15	57,157	37,293	52	1,602
1906	57,404	40	91,518	46,619	161	2,593
1907	50,801	64	68,514	41,690	249	2,140
1908	49,340	74	94,411	42,494	284	2,368
1909	58,937	99	149,937	55,595	468	3,865
1910	40,967	138	108,148	38,218	678	2,401
1911	61,079	231	60,971	52,564	1,094	1,578
1912	58,960	41	--	59,790	188	--
1913	68,210	--	--	63,213	--	--
1914	48,009	--	--	45,864	--	--
1915	77,447	--	--	74,733	--	--
1916	58,729	--	--	57,482	--	--
1917	50,344	--	--	72,008	--	--
1918	35,898	--	--	75,906	--	--
1919	11,284	--	--	25,155	--	--
1920	39,630	--	--	76,079	--	--
1921	83,058	--	--	115,537	--	--
1922	137,077	--	--	138,499	--	--
1923	128,505	1,017	--	139,809	4,856	--
1924	173,959	1,023	--	194,665	5,077	--
1925	158,939	1,184	--	231,382	5,920	--
1926	171,544	1,754	--	214,268	8,031	--
1927	181,211	1,043	--	217,580	4,902	--
1928	152,971	914	--	200,914	4,703	--

Division of Statistical and Historical Research. Compiled from Commerce and Navigation of the United States, 1903-1912; Foreign Commerce and Navigation of the United States, 1918 and Monthly Summary of Foreign Commerce of the United States, June issues, 1917-1928.

Table 9 - Corn and Corn Products: Shipments from the United States  
to Porto Rico - 1903-1928

Year ended June 30:	Quantity			Value		
	Corn	Cornmeal and flour	Glucose and grape sugar	Corn	Cornmeal and flour	Glucose and grape sugar
	Bushels	Barrels	Pounds	Dollars	Dollars	Dollars
1903	6,202	8,543	2,615	3,853	27,231	50
1904	303	6,567	6,652	191	21,225	149
1905	1,532	7,361	11,136	1,005	21,213	261
1906	1,002	12,619	23,284	641	34,722	489
1907	42,856	39,970	20,548	28,534	108,258	493
1908	4,922	20,473	119,026	3,757	68,363	3,410
1909	4,009	33,047	176,306	3,007	113,952	3,881
1910	10,567	36,591	72,627	7,613	118,163	1,813
1911	26,341	45,455	80,568	16,829	135,138	1,745
1912	51,876	42,228	--	44,345	151,194	--
1913	12,711	51,580	--	10,113	177,873	--
1914	14,668	36,075	--	12,147	121,766	--
1915	--	78,280	--	--	289,106	--
1916	--	90,653	--	--	340,160	--
1917	--	78,339	--	--	443,072	--
1918	--	23,555	--	--	219,970	--
1919	--	22,913	--	--	188,357	--
1920	--	70,656	--	--	582,319	--
1921	--	66,764	--	--	467,489	--
1922	--	77,846	--	--	282,610	--
1923	77,004	77,390	--	78,536	280,105	--
1924	15,172	91,977	--	16,191	396,122	--
1925	26,864	72,111	--	35,007	385,912	--
1926	7,359	93,285	--	7,538	449,468	--
1927	10,516	134,222	--	8,945	561,937	--
1928	35,746	75,398	--	46,054	351,281	--

Division of Statistical and Historical Research. Compiled from Commerce and Navigation of the United States 1903-1912, and Monthly Summary of Foreign Commerce of the United States, June issues, 1913-1928.

