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Appendix C

Indexes and Values for Minor Classes, 1879-1923, and Description of Composition and Sources of Data

THIS appendix presents our new annual price and quantity indexes and values for selected minor groups, 1879-1923, together with descriptions of the composition and source notes for all minor groups.

The minor groups vary a great deal in size, both as to value and number of commodities included. They are by no means all minor in importance, including, as they do, such items as imports of unmanufactured cotton (Import Class 045), exports of pork and related meat products (Export Class 009), and exports of grain (Export Class 005). They range from one-commodity classes such as exports of green coffee (Export Class 004) to imports of semimanufactured chemicals (Import Class 086) with commodity numbers for over 100 items.

Despite their differences in size and importance, these groups are the basic sampling units or blocks on which the various economic classifications were built (see Chapter 3). Some of the smaller classes were distinguished only to provide the flexibility necessary for various combinations: economic class, commodity group, or agricultural vs. nonagricultural. Others were distinguished for sampling reasons: their price behavior was distinctive and should not be applied to any uncovered commodities. For the most important groups, annual Fisher "ideal" price and quantity indexes and values are presented in Tables C-1 to C-6. Tables C-7 and C-8 list all minor classes and show the commodities included in each class, the years for which these commodities were covered or uncovered, the sources of price and quantity data, and other notes on the selection of commodities. Where no source notes are given, the data were obtained entirely from the official United States customs records (other sources are described in the notes). The customs records are published in the following sources:

Title	Dates	Agency
Monthly data:		
Monthly Summary of Foreign Commerce of the U.S.	July 1914— Dec. 1923	Bureau of Foreign and Domestic Commerce
Monthly Summary of Commerce and Finance of the U.S.	July 1912— June 1914	Bureau of Foreign and Domestic Commerce

APPENDIX C

Title	Dates	Agency
Monthly Summary of Commerce and Finance of the U.S.	July 1903— June 1912	Bureau of Statistics, Department of Commerce and Labor
Monthly Summary of Commerce and Finance of the U.S.	July 1898— June 1903	Bureau of Statistics, Treasury Department
Monthly Summary of Finance and Commerce of the U.S.	Jan. 1896— June 1898	Bureau of Statistics, Treasury Department
Finance, Commerce, and Immigration of the U.S.	Jan. 1895— Dec. 1895	Bureau of Statistics, Treasury Department
Summary Statement of the Imports and Exports of the U.S.	Jan. 1879— Dec. 1894	Bureau of Statistics, Treasury Department
Quarterly:		
Quarterly Report of the Chief of the Bureau of Statistics showing the imports and exports of the U.S.	1879— June 1893	Bureau of Statistics, Treasury Department
Annual:		
Foreign Commerce and Navigation of the U.S.	Fiscal years 1912-1918, Calendar years 1919-1923	Bureau of Foreign and Domestic Commerce
Foreign Commerce and Navigation of the U.S.	Fiscal years 1904-1911	Bureau of Statistics, Department of Commerce and Labor
Foreign Commerce and Navigation of the U.S.	Fiscal years 1893-1903	Bureau of Statistics, Treasury Department
Annual Report and Statement of the Chief of the Bureau of Statistics on the Foreign Commerce and Navigation, Immigration and Tonnage of the U.S.	Fiscal years 1885-1892	Bureau of Statistics, Treasury Department
Annual Report and Statement of the Chief of the Bureau of Statistics on the Commerce and Navigation of the U.S.	Fiscal years 1879-1884	Bureau of Statistics, Treasury Department

Additional official data compiled from the above sources were published in various issues of the *Statistical Abstract of the United States* and publications of *Imports and Duties*, giving data on imports for consumption for long periods. The latter were compiled under the direction of the House Ways and Means Committee by William W. Evans.

We also used a great variety of price data sources, both for comparison with unit values and as a substitute where unit values were not available. Some of the most frequently useful sources, with the abbreviations used in the notes to Tables C-7 and C-8 (which follow the tables), were :

Abbreviation in notes	Source
BLS	U.S. Department of Labor, Bureau of Labor Statistics, <i>Wholesale Prices: 1890 to 1923</i> (BLS Bulletin 367), Washington, D.C., 1925 and earlier volumes.

APPENDIX C

Abbreviation in notes	Source
BLS File	A file of published and unpublished price series copied for the National Bureau from the files of the BLS by the Works Progress Administration.
WIB	U.S. War Industries Board, <i>History of Prices During the War</i> (WIB Price Bulletins), Washington, D.C., 1919.
Aldrich	<i>Wholesale Prices, Wages, and Transportation</i> , Report by Nelson W. Aldrich from the U.S. Senate Committee on Finance, Washington, D.C., 1893.
Bezanson	Anne Bezanson, <i>Wholesale Prices in Philadelphia: 1852-1896</i> , Philadelphia, 1954.
The Economist	<i>Commercial History and Review</i> , Supplement of <i>The Economist</i> , London, various issues from 1890.
Canadian prices: 1890-1917	Dominion of Canada, Department of Labour, <i>Wholesale Prices</i> , Ottawa.
1918-23	Dominion of Canada, Bureau of Statistics, Prices Branch, <i>Prices and Price Indexes</i> , Ottawa, Canada.
U.K. export and import unit values	Statistical Office of the Customs and Excise Department, <i>Annual Statement of the Trade and Navigation of the United Kingdom</i> , London; and Great Britain Board of Trade, <i>Statistical Abstract of the United Kingdom</i> , London.

One difficulty in the use of customs data is that of insuring the consistency of commodities over time. In the original source there are many changes of commodity title which do not involve changes in content; in other cases, titles remain the same while content changes. We have endeavored to correct for these inconsistencies by examining the unit values, watching for sudden changes in value, origin, or destination, and comparing general import figures with the more detailed imports for consumption data. For our covered commodities we expended considerable effort in this direction, but we were less energetic for uncovered commodities, where shifts did not appear to cross minor group lines. As long as the contents of a commodity title appeared consistent, or showed only insignificant shifts, we retained the same commodity number throughout; otherwise, a new number was given.

APPENDIX C

TABLE C-1

ANNUAL FISHER PRICE INDEXES,
SELECTED MINOR EXPORT CLASSES
(1913=100)

YEAR	001	005	008	009	011	012	014	015	025	028	042	044	052
1879	56.2	105.7	70.1	52.1	65.3	54.5	115.2	87.1	64.6	85.8	81.2	106.7	60.1
1880	53.8	111.4	69.1	60.1	77.8	74.6	122.3	94.5	69.1	93.6	91.0	122.1	65.7
1881	68.9	114.6	76.4	73.1	100.9	72.1	124.4	96.4	72.8	87.9	82.9	111.0	70.1
1882	78.4	119.9	83.4	87.9	110.2	72.8	129.0	101.0	72.1	84.3	87.7	118.8	71.8
1883	74.0	114.0	80.2	83.1	94.8	69.0	122.0	89.8	71.8	86.8	81.6	112.5	72.5
1884	75.2	97.7	79.0	79.9	82.8	65.6	110.8	92.7	83.9	90.9	82.8	105.0	67.8
1885	65.1	92.4	72.8	64.5	71.4	55.9	101.2	85.1	79.1	90.3	80.8	94.7	65.0
1886	64.5	86.4	68.4	59.5	64.4	57.4	95.9	77.7	77.2	83.2	74.7	92.4	64.0
1887	57.9	89.8	62.3	66.1	68.7	66.6	96.7	80.6	69.2	83.5	75.1	94.1	69.1
1888	64.2	93.7	65.6	71.4	80.3	61.5	99.5	81.6	74.8	74.3	77.7	101.4	71.6
1889	52.2	83.2	58.9	63.9	70.7	58.6	102.0	81.0	71.3	71.0	78.0	103.8	70.7
1890	55.8	83.5	58.9	59.9	65.7	55.3	98.8	77.8	71.3	70.6	78.9	100.3	69.8
1891	68.0	108.4	63.1	61.0	67.4	60.8	105.8	78.6	71.5	71.5	72.8	94.1	69.2
1892	68.2	93.9	63.1	64.9	71.9	63.5	100.7	77.3	73.3	73.4	65.6	87.1	65.5
1893	64.7	80.2	67.6	82.7	90.9	66.8	92.9	86.4	74.5	71.6	64.7	93.5	65.8
1894	59.0	69.7	64.7	69.4	75.1	63.9	78.6	75.8	71.9	68.1	50.8	85.7	65.3
1895	64.0	70.6	67.3	65.2	66.2	56.8	81.4	74.4	71.5	81.9	53.3	81.3	60.4
1896	56.4	65.9	61.2	57.8	52.2	55.6	76.5	60.5	68.8	73.9	59.8	83.8	52.7
1897	63.5	73.5	60.7	56.9	47.7	57.2	89.9	58.4	69.4	72.9	50.6	74.9	62.6
1898	63.0	79.0	64.5	59.2	52.9	57.9	91.6	58.1	76.0	77.7	43.2	67.9	61.4
1899	71.1	74.9	66.2	59.9	55.2	63.2	79.8	60.1	73.7	78.4	50.2	68.3	67.0
1900	70.6	75.4	68.7	65.2	62.1	66.9	76.7	72.5	75.0	79.5	71.7	80.6	72.2
1901	73.1	77.9	69.7	70.7	74.2	64.7	79.2	75.2	74.3	72.9	65.6	76.4	71.5
1902	84.7	83.2	79.4	79.6	88.5	71.4	80.3	83.3	81.2	78.1	65.9	73.8	77.1
1903	74.2	87.4	71.9	81.5	81.6	69.9	82.7	79.7	80.2	81.6	80.9	76.2	81.5
1904	76.3	89.9	68.3	75.5	69.5	62.3	90.1	74.3	76.1	82.9	84.8	84.8	80.2
1905	77.5	88.6	69.0	72.6	69.4	70.5	82.1	72.4	77.8	86.9	73.7	86.0	80.3
1906	78.9	84.4	69.3	77.5	75.4	73.3	86.9	81.4	82.1	86.5	83.6	90.5	97.4
1907	81.2	98.9	74.5	82.7	83.1	81.9	90.9	88.0	87.5	93.7	87.3	99.9	102.4
1908	80.9	107.2	81.2	79.1	83.2	81.1	100.9	86.7	93.4	87.6	78.1	89.6	96.3
1909	89.9	112.5	81.1	82.1	94.4	91.3	109.3	90.6	88.2	93.6	92.3	87.8	92.6
1910	91.7	104.4	88.3	101.5	108.3	95.0	106.5	103.7	92.5	92.1	113.4	99.9	94.0
1911	84.4	99.4	80.3	89.8	87.8	83.2	92.4	98.8	95.9	97.4	90.3	99.8	93.3
1912	93.0	106.1	89.7	91.4	95.1	99.1	98.3	98.2	96.1	99.3	87.0	96.2	95.9
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914	112.4	119.3	94.7	105.0	97.4	98.4	107.5	99.8	105.8	104.8	81.5	103.8	94.1
1915	108.5	144.1	101.2	100.9	96.3	92.4	131.4	107.8	101.6	118.3	74.4	107.8	92.5
1916	123.4	133.2	106.0	112.5	117.5	101.9	129.4	129.4	109.5	147.8	116.5	133.4	93.9
1917	170.4	237.6	126.0	162.4	179.1	143.5	207.4	168.5	131.2	210.7	180.9	176.9	117.8
1918	192.5	274.2	177.9	210.5	231.6	155.9	242.9	229.0	253.3	216.1	247.9	273.2	163.9
1919	224.0	256.5	196.7	237.2	273.3	175.4	241.7	264.1	282.6	260.7	263.0	306.4	195.3
1920	214.6	287.2	147.4	193.3	209.0	190.5	248.5	243.4	437.0	287.8	278.4	390.0	259.2
1921	133.1	158.1	117.9	135.4	114.7	163.4	144.7	145.5	31.5	146.3	124.6	202.9	167.3
1922	121.1	126.0	109.2	128.1	105.8	135.5	121.8	152.6	282.7	128.3	166.3	207.9	153.6
1923	126.0	159.2	118.6	108.6	112.6	156.0	117.7	156.4	267.8	131.1	229.2	235.2	183.1

APPENDIX C
TABLE C-1 (concluded)

YEAR	055	057	059	060	061	066	067	069	070	071	072	074	075
1879		81.1	124.7		127.4	79.9		169.0	124.2	116.2			99.2
1880		106.9	130.2		143.5	80.1		232.5	134.7	123.4			105.1
1881		109.6	131.7		136.5	83.4		194.0	126.6	112.1			104.3
1882		109.2	129.2		127.0	83.1		202.1	125.4	122.6			106.3
1883		108.2	129.7		186.7	86.1		176.0	116.9	124.3			101.0
1884		100.9	132.0		128.4	79.5		146.1	119.2	128.5			100.5
1885		93.0	127.9		120.1	79.5		125.8	113.0	116.9			89.4
1886		90.9	114.4		212.6	68.2		117.8	103.1	113.3			87.4
1887		95.1	109.9		116.2	64.6		125.1	102.0	111.5			87.5
1888		100.0	121.3		174.8	96.8		121.7	97.5	116.7			87.3
1889		97.5	124.1		161.2	73.2		114.6	96.1	115.8			85.9
1890		100.8	116.7		103.1	79.6		115.1	97.9	112.9			88.4
1891		102.5	95.6		176.5	81.2		117.8	94.6	111.8			99.3
1892		102.2	77.5		80.1	81.2		122.3	89.1	105.9			95.7
1893		95.9	59.4		132.6	68.3		102.9	87.5	104.8			89.4
1894		87.0	70.0		63.7	60.2		84.9	79.7	102.3			81.5
1895		81.6	93.3		111.3	65.4		94.4	91.1	109.1			75.6
1896		86.1	88.0		117.1	93.4		100.2	81.7	127.5			79.1
1897		87.0	71.4		112.1	84.1		78.5	74.0	114.5			76.5
1898		82.5	71.8		110.4	74.5		72.8	70.0	104.2			76.8
1899		82.0	87.3		121.4	94.4		92.4	77.1	105.2		87.9	78.5
1900		87.7	91.6		160.4	103.3		105.1	99.0	102.2		155.0	84.4
1901		103.4	91.8		161.5	93.2		104.6	96.5	101.5		152.5	95.7
1902		107.8	100.9		138.3	90.1		120.8	96.3	102.6		153.5	95.1
1903		104.2	103.1		138.7	105.6		114.6	102.5	101.5		151.6	91.4
1904		114.0	102.2		136.8	106.5		97.5	98.4	101.0		151.9	91.7
1905		113.2	98.9		141.3	88.8		106.3	98.4	99.6		138.5	96.4
1906		104.1	98.6		140.8	89.6		109.7	107.4	98.1		134.4	88.3
1907		109.0	98.9		142.0	94.6		118.3	116.0	101.2		100.6	92.1
1908		108.9	98.5		141.1	96.4		121.9	110.9	102.6		101.6	93.0
1909		93.6	97.4		121.1	90.5		102.9	104.2	103.2		87.4	91.5
1910		92.9	96.1		105.8	84.7		102.8	106.2	103.4		85.6	91.1
1911		92.9	97.7		95.1	80.5		98.3	106.2	103.6		93.5	98.5
1912		97.0	100.4		94.1	89.0		97.6	99.2	101.4		94.2	101.6
1913		100.0	100.0		100.0	100.0		100.0	97.7	102.6		105.3	90.5
1914		95.0	98.6		100.7	100.0		100.0	100.0	100.0		100.0	100.0
1915		94.6	100.2		96.9	88.5		95.6	92.1	84.6		84.6	91.9
1916		124.9	97.6		119.5	115.6		98.0	99.7	97.9		77.7	163.8
1917		169.4	134.7		104.6	228.3		152.3	138.9	110.4		72.5	239.6
1918		180.9	145.8		142.2	192.1		257.4	192.4	120.5		74.7	208.2
1919		196.8	175.0		214.4	163.6		270.5	216.8	158.8		72.5	224.7
1920		284.9	301.4		188.6	138.5		226.7	212.4	170.0		81.4	266.5
1921		233.8	225.9		240.6	129.0		233.0	226.2	177.5		96.9	223.0
1922		171.1	224.8		180.5	191.7		198.6	204.4	163.5		109.2	247.8
1923		203.6	212.8		153.6	88.6		101.5	151.1	144.0		98.6	192.5
					131.3	100.8		115.2	175.8	146.8		78.4	170.5
					102.9	100.8		115.2	175.8	146.8		73.3	171.5

APPENDIX C

TABLE C-2

ANNUAL FISHER PRICE INDEXES,
SELECTED MINOR IMPORT CLASSES
(1913=100)

YEAR	007	008	009	010	011	019	024	026	036	047
1879	94.0	144.3	101.2	157.1		184.9	87.8	95.6	74.6	
1880	102.1	144.4	114.6	110.6		226.6	91.3	107.5	86.0	
1881	107.9	137.7	89.0	102.9		228.7	94.3	104.9	87.1	
1882	114.9	131.2	73.8	104.8		228.8	92.3	108.2	108.2	
1883	109.1	111.3	67.2	100.4		203.7	88.5	104.7	99.3	
1884	108.4	106.1	73.3	103.8		153.7	90.8	106.0	66.1	
1885	109.9	106.9	63.9	108.1		134.5	90.5	102.2	58.6	
1886	99.7	101.7	65.2	106.9		129.5	89.4	94.9	69.9	
1887	108.4	94.3	113.9	109.0		123.4	91.6	84.9	71.1	
1888	96.2	84.8	100.3	106.3		142.1	94.3	75.4	63.4	
1889	86.6	81.3	115.8	94.9	154.8	176.9	94.3	71.0	59.7	
1890	105.7	85.5	133.6	101.4	165.0	146.0	96.2	63.2	74.2	
1891	113.1	87.6	124.2	116.7	165.0	147.9	76.4	59.5	74.8	84.6
1892	114.1	85.2	113.7	114.3	137.5	143.9	83.2	56.3	67.3	81.1
1893	101.2	86.3	132.3	129.2	146.7	159.8	89.6	53.5	73.7	80.7
1894	78.3	74.1	125.9	94.0	165.0	128.0	93.7	55.0	69.6	77.7
1895	79.6	73.8	122.4	84.5	137.5	94.7	86.1	60.0	70.2	76.9
1896	74.1	69.5	103.4	77.1	165.0	116.3	85.4	63.3	70.4	76.3
1897	76.4	73.2	76.5	85.7	110.0	100.7	102.2	63.6	74.6	74.6
1898	78.5	75.3	54.3	114.0	119.2	111.9	106.1	71.2	89.7	75.3
1899	77.5	67.8	52.0	108.3	119.2	121.2	108.7	72.6	96.2	75.5
1900	81.3	66.3	61.7	112.7	137.5	121.0	100.3	77.2	88.6	81.4
1901	71.8	69.6	53.3	105.5	126.7	104.8	93.0	79.4	78.0	87.6
1902	70.8	72.7	55.3	101.3	121.9	78.5	85.5	79.4	74.7	83.8
1903	73.1	89.8	51.3	96.7	125.0	89.5	87.0	80.4	94.1	87.8
1904	69.0	85.8	64.0	95.5	114.0	99.6	89.0	81.9	105.7	88.0
1905	66.0	84.0	68.6	89.0	99.5	124.5	91.6	84.7	113.0	88.4
1906	79.4	85.2	68.7	92.7	95.5	99.7	92.6	92.6	119.3	88.1
1907	87.8	91.2	62.2	138.7	91.6	105.5	116.2	96.4	113.2	90.5
1908	74.9	88.9	62.3	105.6	89.3	116.9	113.4	79.4	92.4	87.0
1909	72.2	86.0	61.8	87.1	89.9	116.1	103.7	83.8	137.5	84.0
1910	84.9	92.0	74.7	82.4	92.6	133.2	102.9	87.2	169.2	86.8
1911	91.6	95.4	98.9	85.9	97.1	119.2	109.4	85.7	132.8	90.2
1912	91.1	98.7	112.8	87.5	101.4	134.8	105.4	90.7	125.2	92.1
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914	94.3	101.2	84.4	85.3	99.8	115.2	98.3	102.4	76.0	91.3
1915	89.8	108.9	75.4	107.5	97.0	164.3	89.2	99.9	77.5	82.5
1916	99.7	108.6	82.9	110.7	99.2	201.7	102.6	116.8	91.5	97.6
1917	105.4	121.0	77.6	84.0	109.9	220.5	124.0	168.8	89.2	131.7
1918	129.5	133.8	77.0	83.5	129.5	229.5	153.3	151.1	70.1	194.0
1919	169.2	149.6	159.6	117.3	123.4	278.1	177.6	204.7	65.1	214.5
1920	171.3	153.4	159.5	125.1	140.8	616.0	189.1	240.5	67.2	226.1
1921	126.8	109.2	86.7	60.0	193.5	193.5	182.4	94.2	27.9	155.5
1922	170.5	142.0	105.1	73.5	123.0	127.3	155.5	101.7	23.7	157.5
1923	100.2	166.5	109.9	64.6	132.5	242.1	171.0	114.9	41.9	137.8

APPENDIX C

TABLE C-2 (continued)

YEAR	049	051	053	054	056	057	059	062	063	065
1879	91.9	117.4	86.0	89.7	144.0	108.3	121.8	51.5		
1880	98.0	120.5	104.1	90.8	137.4	105.9	141.3	58.9		
1881	98.1	114.4	94.4	91.2	133.3	108.8	126.6	63.3		
1882	105.9	116.1	91.3	91.6	142.5	107.1	117.8	72.8		
1883	101.8	117.1	65.7	86.9	122.8	108.3	115.8	72.0		
1884	91.1	104.4	82.8	86.6	118.4	100.3	109.0	68.6		
1885	81.5	97.1	75.4	83.3	111.1	94.7	103.0	64.5		
1886	78.4	91.9	72.4	81.0	120.6	94.8	90.5	66.7		
1887	93.6	93.8	85.3	81.0	122.7	93.6	83.7	67.2		
1888	99.9	89.6	78.6	79.9	109.6	92.6	88.3	66.3		
1889	112.2	93.8	81.4	78.6	114.1	97.0	91.6	66.8	149.5	
1890	90.9	91.5	83.3	77.8	126.3	95.8	91.4	63.5	165.6	
1891	56.8	90.3	91.5	75.4	103.0	91.4	84.8	59.9	166.3	
1892	60.5	79.6	89.5	69.7	112.3	96.2	84.6	62.9	171.3	
1893	55.3	79.2	90.2	74.8	117.6	101.9	86.0	62.4	177.7	
1894	54.8	56.9	86.6	63.4	88.5	91.2	90.9	66.2	161.1	
1895	52.8	49.7	78.9	66.2	75.3	93.5	85.8	60.4	108.6	
1896	54.1	50.3	84.5	71.1	79.3	89.0	82.0	58.1	74.3	
1897	53.5	45.7	83.0	69.6	75.2	89.5	79.7	55.2	77.3	
1898	49.5	65.5	83.8	67.9	98.2	90.9	80.4	54.3	54.3	
1899	56.5	83.8	85.0	64.2	77.7	112.8	100.3	84.5	57.2	92.5
1900	61.5	103.3	93.7	75.7	81.9	120.7	97.9	88.3	67.2	98.1
1901	64.8	84.8	92.6	60.7	82.3	100.2	93.1	85.4	74.3	96.1
1902	56.4	108.6	91.3	59.9	82.1	105.8	97.1	87.5	80.3	90.0
1903	57.9	99.3	91.9	74.3	82.5	115.3	96.3	86.2	82.2	90.2
1904	58.3	106.2	95.7	82.1	83.2	103.2	95.0	84.9	83.7	96.8
1905	64.6	108.5	93.3	94.7	84.7	110.1	97.1	91.9	84.6	95.2
1906	81.5	107.2	97.7	101.7	88.9	119.8	95.9	94.4	93.2	100.3
1907	92.4	106.7	104.4	106.6	91.3	142.6	100.7	84.3	103.5	101.7
1908	70.2	83.5	100.9	79.6	82.2	106.9	97.0	85.0	104.2	102.8
1909	61.0	75.3	91.3	87.1	87.3	103.8	96.6	92.0	101.5	99.2
1910	54.5	76.2	94.7	97.8	86.6	98.4	97.3	95.9	102.9	95.8
1911	65.3	77.2	97.8	89.8	95.3	90.8	97.0	95.3	97.6	94.5
1912	87.4	82.7	98.1	91.2	99.1	97.4	97.4	96.9	95.9	95.5
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914	90.3	92.2	93.7	100.8	86.2	109.1	87.6	98.9	105.5	101.3
1915	80.7	87.2	111.1	105.0	81.3	92.2	92.0	95.4	103.5	101.7
1916	112.7	97.7	142.4	122.6	104.4	139.0	109.8	105.3	107.7	143.6
1917	122.4	179.2	177.1	184.6	120.2	157.3	117.6	123.4	127.0	234.7
1918	204.5	270.3	262.1	238.9	161.7	170.9	147.4	155.0	152.6	196.5
1919	165.2	171.9	295.2	219.1	216.0	278.9	162.0	162.0	208.4	208.4
1920	173.8	151.4	348.3	210.0	227.6	295.4	195.2	215.5	224.1	324.1
1921	96.9	94.6	237.8	81.7	169.3	178.0	113.9	174.0	182.6	188.3
1922	105.1	75.2	209.2	109.3	157.4	244.8	134.9	134.9	154.0	155.1
1923	124.4	87.6	182.8	145.3	157.9	246.9	122.6	138.8	164.2	169.6

APPENDIX C

TABLE C-2 (concluded)

YEAR	066	069	072	073	076	077	078	081	082	086
1879				63.6	87.5	73.9	44.3	108.2	175.0	132.3
1880				67.7	97.1	94.8	56.8	132.2	189.2	154.5
1881				81.3	89.2	97.2	58.3	106.7	182.7	138.2
1882				69.7	92.5	106.9	64.1	107.0	175.3	136.3
1883				53.3	90.4	98.1	58.9	106.8	161.4	131.6
1884				56.6	92.3	84.9	50.9	101.6	159.0	134.7
1885				46.5	84.7	86.8	52.1	92.7	153.5	119.5
1886				50.8	79.7	101.1	60.6	87.1	143.6	119.2
1887				53.8	76.4	103.8	62.3	85.3	133.0	115.6
1888				47.1	74.0	112.5	67.5	85.8	135.3	106.8
1889				66.0	79.1	90.3	54.2	88.6	142.5	103.8
1890				74.6	85.3	92.5	57.2	102.5	137.2	106.7
1891				57.6	88.9	123.2	54.5	107.8	122.3	113.3
1892				57.8	80.5	121.7	55.0	90.8	124.1	114.2
1893				67.1	74.2	103.2	55.1	88.0	121.0	112.6
1894				54.7	64.5	81.7	42.8	84.3	100.1	98.4
1895				58.5	68.6	72.7	39.8	80.8	100.1	91.9
1896				57.9	64.3	59.6	38.8	76.1	100.1	98.9
1897				56.5	64.6	67.1	39.8	84.4	110.1	94.7
1898				59.2	73.5	69.3	30.3	84.9	100.1	83.1
1899	129.2		68.6	68.6	77.8	84.1	66.9	99.6	100.1	87.5
1900	124.0		82.4	82.4	82.2	95.5	75.2	117.4	107.7	93.5
1901	126.8		88.0	88.0	90.5	105.5	74.3	99.4	111.9	93.9
1902	132.7		89.8	89.8	85.9	90.7	66.6	88.1	107.1	91.4
1903	130.8		90.7	90.7	80.6	84.1	68.3	90.1	101.3	94.8
1904	130.0		95.1	95.1	80.2	83.5	70.4	86.8	98.1	95.5
1905	135.5		91.9	91.9	89.4	90.9	76.6	89.5	101.1	95.0
1906	129.9		106.3	106.3	88.2	104.4	96.3	111.4	99.2	99.6
1907	127.4		93.0	93.0	87.5	113.3	109.0	114.3	99.3	104.0
1908	118.4		44.8	44.8	87.1	97.1	77.3	92.9	102.6	98.2
1909	102.6		58.1	58.1	87.2	92.9	73.4	88.9	97.9	91.4
1910	98.2		68.7	68.7	85.6	91.5	76.4	90.9	94.5	90.0
1911	101.4		79.6	79.6	88.5	91.8	86.0	91.7	94.5	94.0
1912	100.8		93.2	93.2	92.5	102.5	96.8	96.2	99.5	98.9
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914	98.9	91.9	78.1	86.9	94.2	103.2	86.6	91.7	106.8	94.2
1915	96.2	88.8	105.6	121.3	115.8	114.2	93.4	115.7	109.3	101.3
1916	103.0	93.8	82.7	97.3	142.2	160.3	125.8	160.5	132.4	149.7
1917	145.3	83.7	97.2	109.0	164.6	168.1	148.5	232.8	174.5	160.0
1918	154.0	87.6	108.8	117.2	199.5	184.2	157.5	275.0	194.5	187.8
1919	182.3	77.7	164.7	188.8	218.7	164.4	138.6	204.1	188.0	163.6
1920	243.2	81.5	205.0	231.0	259.1	159.3	131.3	232.4	201.0	173.0
1921	253.3	82.3	147.4	159.3	234.6	102.9	166.2	184.4	184.4	143.4
1922	179.9	85.8	136.1	147.2	193.8	98.1	79.9	128.5	133.8	128.7
1923	192.1	101.9	87.2	148.9	202.1	133.9	96.6	141.4	131.2	133.0

APPENDIX C

TABLE C-3

ANNUAL FISHER QUANTITY INDEXES,
SELECTED MINOR EXPORT CLASSES
(1913=100)

YEAR	001	005	008	009	011	012	014	015	025	028	042	044	052
1879	305.2	155.1	613.6	167.2	46.8	1237.3	48.5	21.0	41.6	17.5	39.9	20.3	19.3
1880	579.2	160.3	696.2	182.3	59.3	1180.7	52.9	23.2	49.5	19.7	45.7	19.3	19.9
1881	297.7	122.2	423.1	141.7	45.6	1058.1	51.2	14.9	47.8	20.3	41.9	21.8	22.2
1882	131.8	87.0	592.4	81.7	35.5	693.4	55.8	15.1	49.4	22.4	44.5	22.0	28.1
1883	418.4	80.9	622.1	98.5	44.1	881.4	68.6	19.7	52.5	20.7	47.9	21.6	26.8
1884	332.5	77.2	587.7	81.7	36.4	876.2	71.1	21.0	44.9	22.8	46.5	20.3	24.3
1885	375.6	67.7	668.3	99.9	45.8	762.8	72.6	24.1	63.5	22.9	39.7	26.6	25.6
1886	303.2	91.1	529.4	103.5	50.6	660.7	73.0	27.8	69.4	24.5	50.1	31.9	24.0
1887	277.9	86.7	522.7	95.8	47.7	536.1	88.6	23.0	57.2	28.6	50.0	28.7	21.3
1888	359.7	51.5	640.4	79.6	40.3	576.3	78.3	22.4	47.2	29.8	50.4	20.8	26.1
1889	881.7	69.2	1007.2	119.8	60.9	821.5	77.4	28.9	58.2	40.2	59.4	19.3	31.7
1890	1056.3	77.3	1254.3	138.5	84.8	797.4	84.0	37.9	56.0	40.6	56.0	21.4	40.2
1891	740.4	114.4	1168.0	130.3	71.5	614.0	95.5	34.1	53.8	43.8	66.1	28.5	26.0
1892	1024.0	130.0	1276.8	139.4	90.5	600.9	126.9	44.4	56.0	35.2	57.5	28.3	31.4
1893	613.3	105.7	938.0	99.7	64.6	475.5	119.4	37.7	64.4	44.1	54.8	26.9	29.3
1894	1178.3	68.4	1054.5	125.0	83.9	511.3	117.4	28.3	67.7	50.1	68.6	32.7	32.7
1895	812.0	75.7	989.3	133.9	84.8	389.3	108.2	50.1	65.3	51.6	62.0	33.3	36.1
1896	1180.1	137.2	1376.4	141.7	90.7	555.8	121.6	55.1	66.0	57.3	67.8	45.8	40.7
1897	1114.2	189.7	1205.8	174.3	103.7	700.0	111.0	72.9	62.0	58.3	73.1	47.8	44.5
1898	924.9	224.7	1156.4	207.4	122.4	425.3	133.0	96.0	59.1	62.6	93.8	55.8	46.8
1899	793.2	189.6	1382.0	198.6	116.5	543.1	151.5	106.7	75.9	73.3	66.4	70.4	50.9
1900	877.1	171.9	1421.7	178.1	108.3	522.9	157.6	99.4	67.7	69.7	76.5	47.9	55.9
1901	936.4	188.3	1508.7	179.0	109.6	517.8	166.1	105.9	68.3	77.7	79.9	64.7	53.4
1902	531.0	107.5	1198.5	135.4	88.9	259.0	144.9	93.6	80.6	76.0	76.9	84.2	50.1
1903	904.4	100.2	1340.6	119.5	100.9	266.8	154.9	83.5	70.1	75.5	81.5	65.9	62.0
1904	990.0	34.6	1222.8	123.0	105.1	362.5	96.5	90.1	78.3	83.8	75.9	74.6	60.4
1905	966.5	80.5	1310.2	142.4	129.8	309.7	110.6	113.8	65.0	84.9	92.7	126.0	59.0
1906	886.8	106.7	1220.1	151.8	129.6	468.3	117.3	104.2	73.9	99.2	85.9	88.6	67.1
1907	773.8	105.6	1105.3	128.9	118.2	216.2	123.1	104.2	70.9	78.4	93.5	46.7	72.5
1908	559.1	87.9	674.9	133.7	115.4	240.6	103.4	114.4	68.2	84.2	97.6	53.2	62.2
1909	343.1	53.8	470.3	106.1	93.3	91.3	79.3	96.1	68.9	92.3	86.9	72.0	66.8
1910	209.9	41.1	302.3	71.0	74.6	88.5	71.2	71.6	73.7	105.8	81.3	62.8	77.8
1911	364.6	52.9	238.3	103.6	113.3	198.3	101.5	98.0	83.0	104.9	99.5	83.3	84.0
1912	149.4	71.0	130.7	98.1	97.2	128.3	87.3	112.9	92.3	114.8	124.4	98.9	94.8
1913	100.0	100.0	100.0	100.0	100.0	107.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914	94.2	149.8	305.1	82.8	82.0	133.1	101.8	80.4	78.4	112.9	73.3	87.6	68.3
1915	125.6	216.8	1258.4	192.1	90.2	825.1	131.3	114.7	97.5	177.5	97.3	167.0	48.8
1916	122.3	179.4	931.4	210.5	80.4	1339.5	128.9	89.1	108.4	176.8	81.3	180.0	49.8
1917	90.4	140.0	1190.7	195.8	63.2	1775.0	142.0	42.9	56.9	98.8	55.2	163.6	46.9
1918	88.3	140.3	2458.0	356.8	91.4	2331.8	203.9	25.0	91.7	65.7	47.3	120.3	43.5
1919	200.6	157.7	912.2	393.5	135.7	3124.3	248.5	64.2	173.8	220.3	75.1	162.3	56.4
1920	203.4	205.7	477.4	191.4	103.0	1602.5	182.4	47.7	106.1	101.0	70.9	191.5	59.2
1921	314.5	282.0	124.2	160.2	144.6	1014.2	172.6	73.6	116.9	58.1	74.5	107.8	42.6
1922	237.8	236.6	86.0	155.1	127.0	695.3	148.0	39.1	97.9	94.7	70.4	122.0	55.0
1923	151.8	112.1	71.7	202.1	159.4	661.5	152.2	35.1	108.2	87.3	61.2	105.4	70.9

APPENDIX C

TABLE C-3 (concluded)

YEAR	055	057	059	060	061	066	067	069	070	071	072	074	075
1879		3.6	19.6		19.6	3.0		.2	3.5	4.1			12.4
1880		3.5	24.3		15.7	1.1		.2	3.8	4.1			13.0
1881		4.6	27.7		23.6	1.8		.4	5.1	5.7			15.0
1882		5.3	30.8	4.9	23.1	1.3		.5	5.7	6.9			16.9
1883		7.0	40.4	7.0	23.9	2.8		.4	5.4	7.8			18.0
1884		7.3	54.6	8.4	23.6	3.4		.4	4.7	6.2			15.7
1885		6.6	55.8	10.7	24.4	4.0		.5	4.3	5.1			15.4
1886		6.8	52.3	11.6	26.3	2.3		.7	4.8	5.0			17.6
1887		8.5	55.3	14.0	27.0	1.7		.5	5.3	5.7			18.9
1888		10.2	53.2	14.7	26.0	3.6		1.2	6.5	6.6			19.3
1889		9.8	58.4	17.4	31.1	2.0		.8	7.1	9.5			22.6
1890		10.7	66.2	25.3	31.5	1.3		1.1	8.5	10.4			24.4
1891		12.6	66.3	27.6	30.5	7.6		1.0	9.1	11.5			23.4
1892		12.7	71.5	29.6	33.5	3.8		.9	9.5	10.5			24.0
1893		18.9	78.9	42.0	35.4	15.3		1.7	10.9	12.0			23.3
1894		19.3	78.7	36.0	40.8	17.6		2.1	12.4	11.3			26.9
1895		19.5	79.6	48.4	39.7	13.0		2.1	14.4	12.4			34.3
1896		18.9	80.9	47.7	43.8	28.1		3.8	20.6	14.0			31.8
1897		19.0	83.5	57.7	46.4	30.3		17.3	29.3	19.1			37.1
1898		22.3	82.5	70.5	46.4	31.8		19.5	42.3	27.6			38.7
1899	39.7	28.4	80.8	77.1	45.2	26.9		22.0	51.3	33.4	.4	57.2	49.6
1900	50.7	36.4	94.9	66.6	45.7	37.2		32.5	48.5	38.8	.8	58.9	48.6
1901	63.0	35.6	87.2	64.3	50.8	21.3		12.7	43.6	31.1	1.4	59.6	50.2
1902	59.8	25.8	99.7	74.3	49.0	36.9		7.9	36.4	37.0	2.1	59.7	51.7
1903	54.8	39.1	97.3	86.5	44.3	32.3		8.2	34.2	40.8	3.2	61.6	56.8
1904	61.5	4.0	81.3	74.0	49.5	58.6		31.6	46.2	43.2	4.1	63.7	60.0
1905	69.0	43.5	92.2	68.1	58.8	56.5		27.1	50.2	51.3	6.0	67.4	69.1
1906	88.2	46.2	109.2	73.5	61.8	48.4		34.9	54.9	61.7	10.1	75.3	70.4
1907	70.8	60.3	89.9	87.9	63.8	53.2		32.5	59.1	67.4	13.4	80.1	78.9
1908	59.3	55.5	94.1	60.0	75.3	68.5		27.3	46.0	53.6	11.0	77.1	74.1
1909	83.2	58.5	92.3	76.8	76.8	71.4		40.3	54.1	51.4	17.9	88.2	77.1
1910	90.8	68.0	90.5	84.7	74.3	75.0		54.5	65.7	65.2	27.1	88.6	83.3
1911	98.8	79.9	103.0	90.7	88.0	85.4		86.6	83.4	79.9	47.8	105.3	89.4
1912	105.5	83.1	95.0	124.8	93.7	84.3		130.1	94.6	91.5	80.7	103.7	99.7
1913	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
1914	104.7	81.7	66.8	133.6	97.9	101.5		64.2	69.9	67.9	121.3	106.8	98.5
1915	133.4	90.7	76.4	195.9	102.1	101.5		437.8	169.1	142.8	97.5	431.1	539.5
1916	205.1	103.8	81.4	220.1	107.6	134.1		1171.0	340.5	224.9	139.7	499.7	349.0
1917	181.1	121.6	82.0	232.5	107.1	168.5		677.8	374.1	188.0	152.3	483.6	1615.6
1918	206.8	109.8	97.0	228.2	111.2	96.4		160.5	352.1	117.1	125.6	356.7	568.7
1919	208.2	102.0	118.9	143.7	121.4	68.7		181.9	237.4	133.5	167.3	470.0	293.0
1920	200.6	174.2	169.9	200.2	156.6	74.8		213.1	252.3	143.6	180.3	820.4	347.2
1921	107.8	110.5	191.6	174.2	126.2	64.8		153.3	102.1	93.2	130.7	249.6	111.8
1922	122.4	60.2	185.6	159.2	141.8	77.0		112.7	90.9	71.5	87.2	375.6	136.9
1923	109.5	107.4	290.4	252.2	168.4	86.4		99.9	76.5	101.3	681.7	180.3	156.0

APPENDIX C

TABLE C-4

ANNUAL FISHER QUANTITY INDEXES,
SELECTED MINOR IMPORT CLASSES
(1913=100)

YEAR	007	008	009	010	011	019	024	026	036	047
1879	26.4	83.9	52.5	4.3		37.5	11.3	19.7	1.4	
1880	27.8	79.9	47.3	4.3		41.5	14.9	27.4	1.5	
1881	30.0	95.5	54.7	6.9		41.9	14.7	26.8	1.6	
1882	35.1	80.2	59.4	6.4		49.2	17.4	23.8	2.1	
1883	35.0	84.0	61.7	7.3		50.7	25.9	20.9	1.9	
1884	34.1	84.9	61.1	7.3		58.6	19.4	20.0	1.9	
1885	32.2	83.1	66.4	6.8		61.1	25.9	20.8	2.1	
1886	34.9	95.1	64.6	8.9		64.7	23.8	26.6	2.6	
1887	34.5	94.6	51.9	8.4		62.5	31.8	26.4	2.6	
1888	42.8	98.7	61.4	11.2		62.8	26.7	31.5	2.8	
1889	39.1	89.6	64.3	10.2	15.8	58.5	40.2	29.8	2.6	
1890	46.9	100.8	57.6	13.2	21.0	66.0	52.6	19.0	2.8	
1891	37.6	98.8	68.2	12.8	20.4	94.8	29.9	47.1	3.1	51.1
1892	34.1	102.9	72.4	15.8	23.8	76.2	45.6	41.2	3.1	60.7
1893	42.2	92.6	63.7	13.6	23.8	78.5	35.4	40.2	3.3	61.1
1894	44.7	114.7	71.0	13.3	19.5	84.9	44.3	31.8	2.9	52.9
1895	45.0	110.0	75.3	19.2	21.4	73.6	48.7	57.3	3.5	74.4
1896	53.3	94.3	73.9	17.5	16.5	79.7	33.9	30.9	2.8	66.4
1897	40.8	112.0	94.6	17.3	25.2	78.1	24.4	49.4	3.5	70.7
1898	37.4	77.3	94.3	18.2	23.8	69.4	22.3	52.9	3.7	63.6
1899	46.5	98.3	103.0	24.6	36.0	90.3	29.9	66.4	4.5	78.2
1900	40.5	108.3	92.2	29.1	26.7	76.3	40.8	63.1	4.1	82.8
1901	46.1	76.6	125.7	32.4	35.1	75.3	48.0	66.1	4.6	75.2
1902	52.1	122.2	110.9	36.4	42.4	78.6	52.3	68.7	4.2	93.2
1903	56.0	115.8	114.3	40.2	45.4	69.8	54.7	62.6	47.0	96.1
1904	62.1	120.0	130.5	47.3	46.7	86.2	51.5	86.4	51.1	85.9
1905	65.2	108.7	104.9	51.2	64.2	77.8	56.2	81.8	53.9	99.1
1906	65.6	100.5	100.5	55.8	75.4	80.9	68.1	85.5	55.9	124.9
1907	88.1	111.1	110.3	55.5	84.2	80.6	57.5	76.1	56.9	138.6
1908	71.8	102.1	110.1	62.5	77.6	77.6	59.5	68.6	59.4	103.3
1909	89.6	117.4	133.7	77.9	85.9	79.8	68.8	116.8	71.7	128.0
1910	92.0	110.2	94.4	74.4	87.3	87.5	66.1	93.3	76.9	116.8
1911	93.1	117.0	93.9	86.3	94.6	86.2	80.8	89.8	78.0	109.4
1912	92.0	110.9	110.6	98.3	90.9	90.0	86.5	126.2	104.6	112.3
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914	103.9	107.0	118.6	113.9	103.3	97.4	103.6	103.6	115.7	101.4
1915	84.5	109.6	144.1	148.0	85.0	110.3	64.9	120.4	175.6	77.4
1916	103.8	109.1	136.9	155.7	79.8	118.0	72.1	139.5	211.9	76.9
1917	98.9	139.8	150.9	250.4	82.5	106.8	74.3	117.3	316.2	54.1
1918	80.5	134.6	123.4	231.1	82.6	111.4	93.6	67.5	250.5	29.6
1919	106.5	82.1	156.4	251.3	83.9	146.5	116.5	141.4	413.9	35.4
1920	120.5	66.9	152.2	220.6	88.1	167.9	118.8	95.8	436.1	82.3
1921	108.9	79.5	157.3	195.7	97.1	124.1	81.8	67.7	319.4	76.8
1922	124.0	102.3	146.2	221.4	101.1	201.9	116.9	99.4	514.7	83.2
1923	142.4	108.7	165.4	265.9	96.8	160.8	92.0	97.8	529.7	106.5

APPENDIX C
TABLE C-4 (continued)

YEAR	049	051	053	054	056	057	059	062	063	065
1879	18.5	31.8	43.6	167.8	8.6	76.5	19.7	40.6		
1880	21.5	40.6	70.0	220.0	9.3	103.9	30.1	57.1		
1881	25.0	38.1	35.7	192.4	9.4	95.2	28.0	59.6		
1882	25.8	40.7	43.8	254.2	11.5	119.6	35.9	62.0		
1883	25.8	39.9	47.9	273.5	12.3	100.5	31.2	57.0		
1884	27.9	44.0	44.1	252.3	12.3	101.6	37.1	60.5		
1885	31.0	44.0	59.6	237.1	14.2	82.4	34.9	54.8		
1886	30.5	51.2	83.5	290.8	17.4	96.4	32.9	57.0		
1887	32.8	51.6	63.6	288.0	17.5	108.1	42.5	63.6		
1888	39.1	58.9	64.3	332.2	19.8	110.0	42.9	64.6		
1889	23.4	46.8	55.5	79.8	358.1	21.0	115.7	41.1	69.8	7.3
1890	24.5	42.6	60.8	64.6	381.2	16.4	132.5	43.5	73.6	6.5
1891	26.9	50.3	48.7	86.6	246.4	25.3	47.3	47.3	78.0	7.3
1892	24.7	51.3	56.3	105.6	284.5	27.9	107.7	55.8	78.0	8.1
1893	24.6	54.6	52.2	68.7	230.7	16.2	105.0	52.9	74.4	9.1
1894	24.4	41.5	49.0	72.7	130.6	28.1	88.1	41.5	50.5	4.3
1895	28.2	53.1	67.7	177.3	431.5	32.7	104.4	49.2	70.6	5.9
1896	29.3	51.3	58.4	109.6	250.6	18.1	75.3	47.5	70.1	8.7
1897	38.0	61.4	64.5	266.7	257.3	35.9	85.7	49.7	69.7	4.7
1898	34.4	55.2	54.5	59.3	118.5	30.2	85.9	43.2	45.6	5.7
1899	38.2	55.8	59.1	63.1	108.3	42.3	85.8	37.1	73.2	8.4
1900	43.0	53.9	58.4	88.2	111.3	29.4	92.3	41.4	59.1	14.8
1901	57.3	61.9	61.3	80.2	109.3	43.9	97.6	44.5	63.6	10.7
1902	63.1	71.6	72.0	113.7	131.8	49.2	113.5	47.9	76.5	20.0
1903	57.3	83.6	76.3	106.7	134.9	41.7	109.6	51.1	65.3	24.3
1904	58.3	76.6	70.4	124.3	111.7	59.3	100.5	52.6	65.3	26.4
1905	82.5	83.9	80.6	171.9	143.4	95.5	107.1	50.8	79.9	28.6
1906	74.5	74.0	91.8	131.1	146.9	60.2	110.9	63.5	97.5	31.4
1907	75.1	77.9	95.0	129.4	147.8	56.1	122.9	84.2	91.3	49.5
1908	65.1	73.0	74.7	101.8	100.4	66.9	84.8	63.0	74.6	42.6
1909	80.8	90.0	100.0	221.6	145.6	79.4	100.7	76.0	96.2	65.3
1910	94.1	84.5	99.1	128.3	143.6	77.1	99.3	84.7	100.6	87.1
1911	81.5	82.0	91.7	98.6	98.1	74.7	82.4	79.2	93.6	95.5
1912	86.1	111.8	101.2	160.9	92.2	88.6	78.3	93.9	104.0	97.9
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914	95.3	113.3	105.9	326.4	91.7	108.7	90.7	92.0	126.4	
1915	86.4	111.5	66.0	314.5	138.4	110.9	87.7	71.4	98.7	104.4
1916	83.5	145.0	58.1	355.9	107.5	116.0	100.5	76.0	117.4	118.0
1917	103.5	123.1	43.8	320.0	128.5	130.5	93.6	72.4	113.4	112.2
1918	94.5	123.5	26.8	365.2	96.6	117.7	58.0	62.6	110.0	100.5
1919	95.8	107.7	24.2	343.8	66.7	160.4	98.4	65.7	108.4	111.5
1920	123.7	117.7	47.0	210.1	149.7	107.5	121.2	93.2	133.8	173.1
1921	102.8	74.1	36.5	257.4	136.2	162.2	142.8	67.1	83.0	131.3
1922	112.7	86.6	60.7	275.2	182.7	181.3	103.7	90.7	152.7	256.0
1923	129.5	106.6	78.6	310.2	222.1	177.0	126.0	112.4	189.4	275.3

APPENDIX C

TABLE C-4 (concluded)

YEAR	066	069	072	073	076	077	078	081	082	086
1879				16.8	66.4	4.5	9.5	166.3	27.1	19.2
1880				26.8	87.5	12.1	13.1	301.9	80.9	20.6
1881				24.2	93.1	7.5	9.4	250.2	94.8	23.4
1882				29.3	101.5	8.7	11.8	304.0	73.5	25.8
1883				38.9	100.5	7.3	11.9	231.9	44.9	26.8
1884				29.1	85.7	20.0	11.7	193.5	33.8	22.5
1885				36.0	82.3	22.2	11.4	184.8	25.2	24.4
1886				43.6	96.7	18.6	14.5	262.1	34.4	26.3
1887				46.9	111.9	10.4	14.3	355.9	56.8	28.0
1888				52.9	117.5	19.9	15.2	253.5	47.4	29.0
1889				43.3	106.4	23.4	17.0	246.2	38.6	31.4
1890				41.1	111.2	42.5	18.4	228.4	42.3	35.6
1891				50.3	113.5	27.3	25.2	210.9	34.4	33.1
1892				54.5	128.5	37.6	25.3	185.6	37.0	35.2
1893				36.3	123.4	62.0	23.4	170.8	31.7	33.9
1894				31.2	116.2	50.5	20.5	128.7	28.1	34.3
1895				28.1	155.3	32.2	30.4	165.4	47.8	40.2
1896				21.4	134.7	25.2	27.1	95.1	46.1	37.1
1897				28.2	112.3	34.6	31.2	64.6	30.4	39.5
1898				42.7	92.2	31.2	41.1	55.4	27.4	41.9
1899	21.6	56.3	64.8	95.9	95.9	42.5	44.4	60.7	35.4	45.2
1900	24.7	35.5	41.0	101.7	63.1	63.1	45.2	65.6	36.2	47.1
1901	26.5	58.8	65.3	101.1	107.2	46.2	46.2	77.8	38.7	50.5
1902	26.8	71.9	64.0	111.0	89.4	56.1	56.1	213.3	62.1	53.3
1903	30.7	89.1	60.8	132.7	51.6	63.2	63.2	199.9	72.0	56.7
1904	30.8	88.2	53.6	124.3	46.2	61.1	77.3	54.4	55.5	55.5
1905	35.5	89.1	84.5	118.0	56.8	70.0	109.6	55.4	60.3	60.3
1906	46.5	87.7	88.2	155.5	52.9	78.4	134.4	64.2	66.7	66.7
1907	62.8	75.5	75.6	182.3	58.5	71.0	145.5	74.0	69.5	69.5
1908	54.3	44.0	81.3	100.3	63.4	63.4	63.4	72.4	49.7	57.9
1909	72.7	123.6	174.6	106.6	79.9	86.9	86.9	109.9	79.6	79.6
1910	78.6	107.0	147.8	122.0	92.9	94.8	94.8	144.2	90.9	89.8
1911	75.1	97.6	122.3	109.6	69.5	93.0	93.0	79.5	85.7	93.8
1912	77.6	83.5	103.7	97.3	94.6	104.5	104.5	72.2	85.5	88.1
1913	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1914	114.5	98.0	56.8	98.0	80.2	77.1	78.3	78.3	86.9	91.6
1915	105.2	102.8	59.3	47.1	47.3	108.4	79.2	48.1	62.0	80.1
1916	117.6	126.8	113.9	118.8	34.6	162.3	100.4	69.9	44.6	78.2
1917	130.1	193.0	115.0	70.9	50.7	158.7	114.6	44.9	34.0	82.0
1918	133.0	235.1	97.5	26.0	23.6	185.2	117.4	28.3	34.6	84.5
1919	130.1	332.3	106.0	128.5	25.9	141.5	87.0	49.0	33.7	55.7
1920	145.9	645.4	58.6	76.7	46.2	165.8	125.9	67.2	73.3	111.7
1921	150.5	776.8	17.7	64.2	55.0	100.7	80.9	18.7	56.3	55.9
1922	205.6	837.2	57.6	115.3	78.1	116.9	148.6	113.2	97.0	79.2
1923	258.4	538.9	84.2	134.8	119.6	113.6	163.4	127.2	86.4	98.0

APPENDIX C

TABLE C-5

ANNUAL VALUES,
SELECTED MINOR EXPORT CLASSES
(MILLIONS OF DOLLARS)

YEAR	001	005	008	009	011	012	014	015	025	028	042	044	052
1879	10.1	217.5	16.6	53.8	25.6	17.8	37.7	8.2	14.2	5.8	186.5	11.0	10.6
1880	18.3	236.8	18.6	67.7	37.1	23.2	43.7	9.8	18.1	7.1	239.3	11.3	12.0
1881	12.0	185.7	17.5	64.0	37.0	20.1	43.1	6.8	18.4	6.2	222.1	13.6	14.2
1882	6.1	138.4	13.7	44.9	31.5	13.3	48.6	6.4	18.9	7.2	224.6	13.2	18.4
1883	18.2	122.3	19.3	51.1	33.6	16.1	56.5	7.9	20.0	6.9	224.7	12.3	17.7
1884	14.7	100.0	18.0	40.8	28.3	15.2	53.2	8.7	20.0	8.0	221.6	10.8	16.2
1885	14.3	83.1	18.8	40.3	26.3	11.3	49.6	9.1	26.6	8.0	184.4	12.7	15.1
1886	11.5	104.4	14.0	38.5	26.2	10.0	47.3	9.6	28.3	7.8	215.4	14.9	13.4
1887	9.4	103.4	12.6	39.5	26.4	11.2	57.9	8.3	20.9	9.2	216.0	13.7	14.7
1888	13.5	64.0	16.2	35.5	26.0	9.4	52.7	8.2	18.7	8.5	225.1	10.7	17.1
1889	27.0	76.4	22.9	47.9	34.6	12.7	53.3	10.4	22.0	11.0	266.6	10.4	20.5
1890	34.6	85.6	28.6	51.9	44.9	11.6	56.0	13.2	21.2	11.1	254.3	11.1	19.3
1891	29.5	164.4	28.5	49.7	38.7	9.8	68.2	11.9	20.4	12.0	277.0	13.9	16.4
1892	36.1	161.9	31.1	56.5	46.5	10.1	86.3	15.3	21.7	9.9	217.1	12.7	18.7
1893	23.3	112.5	24.5	51.5	47.3	8.4	74.9	14.5	23.8	12.1	204.1	13.0	17.6
1894	40.8	63.3	26.4	54.2	50.6	8.6	62.3	13.0	25.8	13.1	200.4	14.5	19.4
1895	30.5	70.9	25.7	54.5	48.2	5.8	54.4	14.3	24.7	16.2	189.9	14.0	19.9
1896	39.0	120.0	32.5	51.2	38.1	8.2	62.8	14.9	24.1	16.3	233.4	19.8	24.3
1897	41.5	185.1	28.3	61.9	40.8	10.6	67.5	19.0	22.8	16.3	212.9	18.6	27.7
1898	35.3	235.5	28.8	76.8	53.4	6.5	82.5	24.9	23.8	18.7	233.3	19.6	26.2
1899	33.1	188.8	35.3	74.3	53.1	9.1	76.9	28.6	30.0	22.1	191.8	24.5	31.1
1900	36.3	172.3	37.7	73.2	55.4	9.2	75.9	32.2	26.9	21.3	315.9	19.7	36.8
1901	40.1	195.2	40.6	81.1	67.1	8.8	78.6	35.6	26.9	21.8	301.9	25.2	34.8
1902	26.4	119.0	36.8	69.1	64.9	4.9	74.0	34.8	34.6	22.8	291.5	37.4	35.3
1903	39.4	116.4	37.3	62.4	67.9	4.9	81.5	29.7	29.8	23.7	379.6	25.6	44.6
1904	44.2	41.3	32.3	59.6	60.3	6.0	55.3	30.6	31.5	26.7	370.4	32.2	45.6
1905	43.9	94.9	34.9	66.3	74.3	5.8	57.7	37.7	26.8	28.4	393.3	55.2	43.2
1906	41.0	118.8	32.7	75.4	80.6	9.1	64.8	38.8	32.1	33.0	413.1	40.9	59.6
1907	36.9	138.8	31.8	68.3	81.1	4.7	71.2	41.9	32.8	28.2	469.8	23.7	67.7
1908	26.5	125.3	21.2	67.8	79.1	5.2	66.3	39.3	32.6	28.4	438.8	24.3	54.6
1909	18.1	80.5	14.7	55.9	72.7	2.2	55.2	39.8	16.8	33.2	461.9	32.2	56.4
1910	11.3	57.1	10.3	46.2	66.6	2.2	48.2	33.9	16.1	37.5	530.8	42.0	66.7
1911	18.0	69.9	7.4	59.7	82.1	4.4	59.0	44.3	46.2	39.3	517.1	42.3	74.9
1912	9.4	108.1	4.5	57.5	76.3	3.4	54.6	50.7	48.9	43.8	623.1	48.5	82.9
1913	6.3	133.0	3.9	64.1	82.5	2.6	64.5	45.8	52.9	37.4	575.5	49.4	88.6
1914	6.7	237.6	11.2	55.7	65.9	3.5	70.6	36.7	44.2	44.2	343.9	44.9	57.0
1915	8.6	415.4	49.2	124.3	71.7	20.1	111.2	56.6	53.5	78.4	417.0	88.9	40.0
1916	9.5	365.6	38.2	151.8	78.0	36.1	110.5	52.8	62.8	97.7	545.2	118.6	41.5
1917	9.8	442.4	58.0	203.8	94.4	67.3	195.1	33.3	45.6	77.8	575.3	143.0	49.0
1918	10.8	474.3	169.0	461.4	174.7	96.1	328.1	26.2	122.9	53.0	674.1	162.4	63.2
1919	28.5	537.9	69.7	598.2	305.9	144.9	398.0	77.7	260.0	214.5	1137.4	245.7	97.5
1920	27.7	785.7	27.0	27.1	177.5	80.7	300.2	53.2	108.6	108.6	1136.4	369.0	136.1
1921	26.4	592.9	5.7	139.1	136.8	43.8	165.5	49.1	205.1	31.7	534.2	107.6	63.1
1922	18.3	396.4	3.6	127.3	110.8	24.9	119.5	27.3	146.5	45.4	673.2	156.4	74.9
1923	12.1	192.6	3.3	140.3	148.1	27.3	118.7	25.1	153.4	42.7	807.1	122.5	115.2

APPENDIX C

TABLE C-5 (concluded)

YEAR	055	057	059	060	061	066	067	069	070	071	072	074	075
1879	1.2	2.0	2.1		35.2	3.7	.7	.1	5.9	10.0		3.4	1.6
1880	1.2	2.5	2.7		31.8	1.4	.8	.2	7.2	10.7		3.8	1.8
1881	1.5	3.4	3.1		45.5	2.3	1.1	.3	8.7	13.4		4.1	2.0
1882	1.7	3.9	3.4	8	41.2	1.6	1.1	.3	9.7	17.6		4.7	2.3
1883	1.4	5.1	4.4		43.3	3.7	1.1	.2	8.5	20.2		4.1	2.4
1884	1.3	5.0	6.1		43.4	4.1	1.3	.2	7.5	16.5		4.1	2.0
1885	1.5	4.1	6.0		43.6	4.1	1.2	.2	6.6	12.5		4.0	1.8
1886	1.5	4.2	5.1		43.1	2.3	1.0	.3	6.6	11.8		4.6	2.0
1887	1.5	5.5	5.1		41.8	1.7	1.3	.2	7.3	13.2		5.0	2.1
1888	1.6	6.9	5.5		42.6	5.3	1.5	.5	8.5	16.2		4.8	2.2
1889	1.2	6.4	6.1	2.3	47.2	2.2	1.4	.3	9.2	22.9		3.3	4.2
1890	1.2	7.3	6.5	2.9	45.7	1.6	1.4	.4	11.2	24.6		4.1	4.7
1891	1.3	8.7	5.4	4.0	40.8	9.3	1.6	.4	11.6	26.7		4.1	4.5
1892	1.5	8.7	4.7	4.2	38.0	4.2	1.5	.4	11.4	23.3		4.2	4.5
1893	1.7	12.3	4.0	4.6	37.9	15.2	2.5	.6	12.8	26.3		4.4	4.5
1894	2.1	11.3	4.7	3.3	36.6	15.9	2.4	.7	13.3	24.0		5.0	4.7
1895	2.4	10.8	6.3	4.5	50.8	13.1	2.7	.7	15.7	28.2		5.7	5.6
1896	2.8	11.0	6.0	4.6	57.6	30.1	3.2	1.6	20.6	39.7		6.0	5.8
1897	4.5	11.2	5.0	5.3	55.0	33.4	3.6	5.6	26.6	63.9		6.5	6.2
1898	5.6	12.4	5.0	6.4	48.4	16.4	3.5	5.8	36.2	63.9		7.6	6.4
1899	5.6	15.7	6.0	7.7	60.1	44.0	5.0	8.8	47.4	77.9	.2	10.3	7.9
1900	7.0	21.5	7.3	8.2	67.2	59.6	6.1	14.7	57.5	89.0	.4	11.5	8.3
1901	7.3	22.0	6.0	8.0	66.7	34.2	5.8	5.8	50.4	79.0	.7	11.6	8.1
1902	7.3	18.2	6.3	8.4	62.3	45.3	5.3	4.1	42.0	84.4	1.1	11.1	8.6
1903	7.3	27.2	6.8	9.6	65.8	42.9	6.8	4.0	42.0	92.0	1.6	11.5	9.9
1904	7.9	28.2	6.4	8.3	74.3	75.7	8.9	13.3	54.4	96.9	1.9	12.0	10.5
1905	8.8	29.0	6.1	7.9	73.6	85.1	10.3	12.4	59.4	112.3	2.7	13.9	12.1
1906	10.3	30.7	7.7	8.5	78.0	89.4	12.1	16.5	70.6	135.8	4.4	15.5	13.1
1907	8.7	40.2	6.3	10.2	85.0	98.3	13.7	17.1	82.2	151.4	5.8	16.6	14.8
1908	7.3	36.9	6.5	9.6	102.3	91.4	9.4	13.9	61.7	121.9	4.9	13.9	15.0
1909	8.8	38.4	6.0	7.6	97.8	94.6	10.0	17.9	67.6	117.6	7.8	15.4	15.6
1910	9.5	41.5	5.4	7.3	88.7	96.5	13.2	24.2	83.7	149.5	13.2	16.9	17.8
1911	10.3	52.6	6.2	7.0	92.8	108.4	16.0	36.6	93.2	179.7	18.2	20.3	19.7
1912	11.5	58.2	6.8	9.6	117.4	133.7	16.9	50.9	110.8	209.7	23.3	20.7	21.5
1913	11.2	67.4	8.4	18.2	134.0	159.4	9.5	44.0	119.1	217.6	33.3	20.9	21.2
1914	11.2	58.3	5.0	24.5	119.6	144.8	7.7	27.0	76.6	146.3	36.2	22.7	20.7
1915	14.2	61.2	4.3	34.5	121.0	187.5	54.9	72.9	169.5	207.8	111.6	73.0	185.0
1916	29.5	68.3	7.0	41.8	172.3	389.3	276.8	228.0	372.2	335.6	179.4	179.4	486.4
1917	35.3	110.4	7.7	63.5	204.0	539.1	166.8	423.4	302.8	429.7	170.3	201.7	628.4
1918	43.1	107.9	12.1	88.9	270.2	262.7	41.1	418.6	430.5	434.1	96.7	164.3	272.6
1919	69.9	120.4	14.8	55.6	306.7	158.4	37.1	236.6	337.8	618.4	151.7	140.2	83.8
1920	65.8	349.8	29.0	87.5	476.4	629.9	43.9	258.5	386.9	298.2	184.6	184.6	121.7
1921	29.0	168.2	20.2	57.1	373.9	95.6	22.2	89.2	227.0	465.2	81.9	56.7	40.0
1922	24.1	91.2	18.3	35.4	291.8	115.4	15.3	56.4	128.6	273.2	93.1	54.9	43.0
1923	25.7	154.1	23.1	47.1	296.2	145.1	19.8	69.5	160.1	323.6	166.3	66.4	47.8

APPENDIX C

TABLE C-6

ANNUAL VALUES,
SELECTED MINOR IMPORT CLASSES
(MILLIONS OF DOLLARS)

YEAR	007	008	009	010	011	019	024	026	036	047
1879	11.7	19.9	55.6	1.3		68.4	3.6	20.0	8.2	22.9
1880	13.4	18.9	56.8	.9		92.8	5.0	31.2	10.2	32.7
1881	15.3	21.6	50.9	1.4		92.8	5.0	29.8	10.9	31.6
1882	20.0	17.3	45.9	1.3		109.1	5.8	27.2	17.6	37.2
1883	19.0	15.3	43.4	1.4		101.8	8.3	23.1	14.8	34.3
1884	18.5	14.8	46.9	1.5		88.8	6.4	22.5	10.2	30.2
1885	17.7	14.6	44.4	1.4		81.7	8.5	22.6	9.7	27.9
1886	17.4	15.9	44.1	1.9		89.0	7.7	25.7	14.2	30.7
1887	21.4	14.6	61.9	1.8		76.0	10.8	23.7	14.4	30.2
1888	20.6	13.7	64.4	2.4		84.0	9.1	25.1	14.2	28.6
1889	11.0	12.0	77.9	1.9	3.8	102.1	13.8	22.4	12.5	27.8
1890	16.1	14.1	80.6	2.6	5.8	95.0	18.4	25.1	16.7	33.0
1891	13.8	14.2	88.6	2.9	5.2	138.2	8.3	25.9	18.5	25.8
1892	14.5	14.4	86.1	3.6	5.0	109.1	13.8	28.1	16.7	29.4
1893	13.9	13.1	88.2	3.5	5.4	123.7	11.5	22.8	19.2	29.5
1894	11.4	13.9	93.5	2.5	5.0	107.1	15.1	18.5	16.2	24.5
1895	11.6	13.3	96.5	3.2	4.5	69.7	15.2	34.4	19.3	34.2
1896	12.8	10.8	80.0	2.6	4.2	91.3	10.5	20.7	15.8	30.3
1897	10.1	13.4	75.7	2.9	4.3	77.7	9.1	33.2	21.8	31.5
1898	9.5	9.5	53.7	4.1	4.4	76.5	8.6	39.9	26.1	28.6
1899	10.6	10.9	56.1	5.2	6.6	107.9	11.8	51.1	34.4	35.3
1900	9.7	11.8	59.5	6.5	5.6	91.0	14.9	51.6	28.7	40.3
1901	9.7	8.7	70.2	6.7	6.8	77.8	16.2	55.6	28.3	39.4
1902	10.8	14.6	64.2	7.3	8.0	60.9	16.2	57.7	25.4	46.7
1903	12.0	17.1	61.3	7.6	8.7	61.5	17.3	53.3	35.8	50.4
1904	12.5	16.9	87.4	8.9	8.2	84.7	16.7	57.6	45.5	45.2
1905	12.6	15.0	75.3	9.0	9.8	103.1	18.7	73.4	51.2	52.4
1906	15.3	14.0	72.3	10.2	11.7	79.5	26.6	83.9	56.0	65.8
1907	22.7	16.7	71.8	15.2	11.9	83.8	24.3	77.7	54.2	75.0
1908	15.8	14.9	71.8	13.0	10.7	89.4	24.5	57.7	46.2	53.8
1909	18.9	16.6	86.5	13.4	11.9	91.3	25.9	103.7	83.7	64.3
1910	22.9	16.6	73.7	12.1	12.4	114.9	24.7	86.1	110.4	60.6
1911	25.0	18.3	97.2	14.6	14.7	101.3	32.1	81.5	87.9	59.0
1912	24.5	17.9	130.5	16.9	14.2	119.6	33.1	121.2	111.2	61.8
1913	27.1	16.4	104.7	19.7	15.4	98.8	36.3	105.9	84.9	59.8
1914	26.5	17.8	104.8	19.1	15.9	129.0	34.8	112.3	74.7	55.3
1915	20.5	19.6	113.8	31.3	12.7	181.4	21.0	127.4	115.5	38.2
1916	28.0	19.4	118.8	33.9	12.2	235.3	26.9	173.6	164.5	44.9
1917	28.2	25.8	122.6	41.4	14.0	232.7	33.5	209.7	239.5	42.6
1918	28.2	29.5	99.4	38.0	14.4	232.7	52.1	108.0	149.2	34.3
1919	48.8	20.1	261.3	58.0	15.9	398.4	75.1	306.5	221.6	45.4
1920	55.9	24.4	252.5	54.3	19.1	1022.2	81.6	243.9	248.9	111.2
1921	37.4	14.2	142.8	23.1	19.4	237.4	54.2	67.6	75.7	71.4
1922	40.4	23.8	160.9	32.0	19.1	254.0	66.0	107.0	103.7	78.4
1923	38.6	29.7	190.2	33.8	19.7	384.8	57.2	118.9	188.5	87.8

APPENDIX C
TABLE C-6 (continued)

YEAR	049	051	053	054	056	057	059	062	063	065
1879		7.6	19.3	10.8	27.1	11.1	27.0	6.2	4.6	
1880		9.6	25.4	20.9	36.0	11.5	15.9	10.9	7.4	
1881		11.0	22.6	9.7	31.6	11.1	33.8	9.1	8.4	
1882		12.3	24.6	11.5	41.9	14.6	41.8	10.9	10.0	
1883		11.8	24.3	11.8	42.8	13.5	35.5	9.3	9.1	
1884		11.4	26.6	10.5	39.3	13.1	33.3	10.4	9.2	
1885		11.4	24.7	12.9	35.6	14.1	25.5	8.6	7.8	
1886		10.8	27.3	17.4	42.4	18.9	29.8	8.1	8.4	
1887		13.8	28.1	15.6	43.2	19.3	33.0	9.2	9.5	
1888		18.0	30.6	14.5	47.8	19.5	33.3	9.7	9.5	
1889	6.2	22.1	22.1	18.7	48.3	21.5	36.6	9.9	10.3	1.7
1890	5.1	15.4	23.6	15.5	50.9	18.6	41.4	10.2	10.3	1.7
1891	6.4	20.8	21.6	18.8	33.2	23.4	33.5	10.3	10.4	1.9
1892	6.2	16.2	24.4	21.2	36.7	28.1	33.8	12.2	10.9	2.2
1893	5.7	17.1	22.8	14.0	29.6	17.1	34.9	11.7	10.3	2.6
1894	5.1	9.4	20.5	13.3	16.5	22.3	26.2	9.7	7.4	1.1
1895	6.2	10.5	25.8	13.8	55.7	28.6	31.9	10.9	9.4	1.0
1896	6.6	10.2	23.9	22.4	34.1	15.8	21.9	10.0	9.0	1.0
1897	8.4	11.1	25.9	53.4	33.2	28.9	25.5	10.2	8.5	6.6
1898	7.1	14.3	22.1	11.6	15.0	26.6	25.5	9.0	5.5	6.7
1899	9.0	18.6	22.6	11.7	14.6	42.8	25.3	8.1	9.3	1.2
1900	11.0	22.1	24.6	19.2	15.8	31.8	26.6	9.4	8.8	2.3
1901	15.4	20.8	25.5	14.0	15.6	39.5	26.8	9.8	10.5	1.6
1902	14.8	30.9	29.6	19.6	18.8	44.7	32.4	10.8	13.6	2.9
1903	13.8	32.9	31.5	22.8	19.3	43.1	31.1	11.4	11.9	3.5
1904	14.1	32.2	30.3	29.4	16.1	54.9	28.1	11.4	12.1	4.1
1905	16.8	36.1	33.8	46.8	21.4	54.8	30.6	12.3	15.0	4.5
1906	25.3	31.5	40.3	18.4	22.7	64.7	31.3	13.5	19.7	5.0
1907	28.8	33.0	44.6	19.7	23.4	71.8	36.5	18.3	20.9	8.0
1908	19.0	24.2	33.9	23.3	15.6	64.2	24.2	13.8	17.2	7.0
1909	20.5	26.9	41.0	55.5	22.1	74.1	28.6	18.0	21.6	10.3
1910	21.3	25.5	42.2	16.1	21.6	68.1	28.2	20.9	22.9	13.3
1911	22.1	25.1	40.3	25.5	16.2	67.0	23.3	19.5	20.2	14.4
1912	31.3	35.7	44.9	42.2	15.8	77.5	22.5	23.4	22.1	14.9
1913	41.6	39.7	46.0	28.8	17.3	89.8	25.9	25.8	22.7	15.9
1914	45.8	41.4	45.8	59.3	39.7	89.8	24.7	23.1	22.0	20.4
1915	29.7	38.6	33.9	95.0	15.9	91.7	20.9	17.6	23.2	16.9
1916	39.1	56.2	38.2	125.5	15.1	144.8	28.6	20.6	28.7	27.0
1917	53.7	87.5	35.8	171.6	20.7	184.4	28.5	23.0	32.7	42.0
1918	80.3	107.9	32.4	211.8	20.9	180.5	21.5	25.0	38.2	31.5
1919	65.8	73.4	33.0	216.8	13.5	329.8	65.6	27.4	43.2	37.0
1920	89.4	70.7	75.6	127.0	44.7	285.2	61.6	51.8	68.1	89.4
1921	41.4	27.8	40.0	60.5	30.9	259.2	42.1	30.1	34.4	39.4
1922	49.3	27.2	58.7	86.5	38.5	365.9	35.3	31.5	53.4	63.3
1923	67.0	37.0	66.3	129.7	47.0	392.3	40.0	40.2	70.7	74.4

APPENDIX C

TABLE C-6 (concluded)

YEAR	066	069	072	073	076	077	078	081	082	086
1879	3.4			5.0	10.3	.1	5.2	26.2	6.4	24.8
1880	4.8			8.5	15.0	.2	9.1	58.1	20.7	31.0
1881	5.2			6.7	14.7	.1	6.7	38.9	21.0	31.6
1882	6.0			9.7	16.6	.2	9.8	47.4	17.4	34.4
1883	5.1			9.8	16.0	.1	9.1	36.1	9.8	34.4
1884	5.0			7.8	14.0	.3	7.7	28.6	7.3	30.9
1885	4.8			7.9	12.3	.4	7.7	24.9	5.2	28.5
1886	5.5			10.5	13.6	.3	11.3	33.2	6.7	30.6
1887	6.3			12.0	15.1	.2	11.5	46.2	10.2	31.6
1888	6.5			11.8	15.5	.4	13.3	31.7	8.7	30.2
1889	6.6			13.6	14.9	.9	10.5	31.8	7.4	29.7
1890	7.1			14.5	16.7	1.7	12.7	34.1	7.8	34.6
1891	7.2			13.8	17.8	3.7	15.7	33.1	5.7	34.1
1892	7.5			15.0	18.3	5.1	15.9	24.6	6.2	36.6
1893	7.5			11.5	16.2	7.1	14.8	21.9	5.2	34.8
1894	5.9			8.0	13.2	4.6	10.0	15.8	3.8	30.7
1895	6.6			7.8	18.8	3.3	13.4	17.1	6.4	33.6
1896	6.2			5.9	16.2	2.1	11.6	11.0	6.2	33.4
1897	6.1			7.6	13.6	3.3	13.7	7.9	4.5	34.1
1898	6.0			12.0	12.0	4.0	17.9	6.9	3.7	31.7
1899	7.2		5.0	16.1	13.2	6.6	32.9	8.8	4.8	36.0
1900	7.9		3.8	12.2	14.8	11.2	37.7	11.2	5.3	40.1
1901	8.6		6.6	20.8	16.2	21.0	38.1	11.3	5.9	43.1
1902	9.1		8.3	20.8	16.8	15.1	42.8	27.4	9.0	44.3
1903	10.3		10.4	20.0	18.9	8.1	48.4	26.3	9.9	48.9
1904	10.3		10.8	18.5	18.1	9.6	49.6	9.8	7.2	48.3
1905	12.4		10.6	28.2	19.2	12.9	59.8	14.3	7.6	52.1
1906	15.5		11.2	34.0	21.8	13.8	85.3	21.8	8.6	60.5
1907	20.6		14.1	35.5	22.7	16.6	86.4	24.2	10.0	64.1
1908	16.6		2.5	13.2	15.9	15.7	55.1	9.8	6.9	50.5
1909	19.2		9.3	36.8	16.9	19.4	71.2	14.2	9.3	64.6
1910	19.9		9.4	36.8	19.0	22.2	80.9	19.1	11.7	72.2
1911	19.6		2.4	10.0	17.7	16.7	89.2	10.6	11.0	78.8
1912	20.1		10.0	35.0	16.8	25.3	111.8	10.4	11.5	77.2
1913	25.2		12.8	33.9	18.7	28.3	107.9	14.6	12.9	85.4
1914	28.5		3.0	16.8	17.3	23.4	72.0	10.5	12.0	73.6
1915	23.5		7.1	19.4	10.2	35.1	79.8	8.0	8.7	69.3
1916	30.5		13.7	39.2	9.3	80.0	137.8	16.3	7.6	100.0
1917	47.6		14.7	26.2	9.6	82.1	185.7	15.2	7.7	112.1
1918	51.6		23.7	10.3	8.9	104.9	201.6	11.3	8.7	135.5
1919	57.7		22.9	82.3	10.8	71.6	131.5	14.6	8.2	77.8
1920	89.4		61.0	60.1	22.6	81.2	180.3	22.8	19.0	165.1
1921	96.0		3.4	34.7	24.9	31.9	71.0	4.5	13.4	68.5
1922	93.2		82.7	57.6	28.7	35.3	129.4	21.2	16.8	87.1
1923	125.0		63.3	68.1	45.9	46.8	172.2	26.2	14.7	111.3

*Less than \$50,000.

TABLE C-7
COMPOSITION AND COVERAGE OF MINOR EXPORT CLASSES

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
001^a Crude animal foods, agricultural			006 Vegetables		
1. Cattle	1879-1923		1. Potatoes, white	1879-1923	
2. Hogs	1879-1923		2. Onions	1879-1923	
3. Sheep	1879-1923		3. Peas, dried	1918-23	
4. Eggs in shell	1879-1923		4. Beans, dried	1918-23	
5. Poultry, live	1922-23		5. Items 3, 4	1884-1917	
6. Milk and cream	1922-23	1912-21	6. Dried or dehydrated vegetables		1922-23
7. Other live animals		1922-23	7. Other fresh veg.		1922-23
8. Items 5, 7		1879-1921	8. Items 6, 7		1913-21
002 Crude animal foods, nonagricultural			9. Item 8, and pickles and sauces		1879-1912
1. Salmon, fresh		1922-23			
2. Salmon, smoked or dry-cured		1922-23			
3. Items 1, 2		1918-21	007 Fruits		
4. Salmon, pickled		1918-23	1. Apples in barrels	1922-23	
5. Items 3, 4		1884-1917	2. Apples in boxes	1922-23	
6. Other fresh fish		1884-1909, 1912-17	3. Items 1, 2	1879-1921	
7. Items 5, 6		1879-83	4. Oranges	1908-23	1898-1907
			5. Lemons	1913-23	
			6. Peanuts	1906-23	
			7. Pears		1906-23
			8. Berries		1913-23
003 Hay			9. Grapefruits		1922-23
1. Hay	1879-1923		10. Pineapples		1922-23
004 Coffee, green			11. Grapes		1922-23
1. Coffee, green	1901-23		12. Peaches		1922-23
005^a Grains			13. Other fresh fruits		1922-23
1. Barley, grain	1879-1923		14. Other subtropical fruits		1922-23
2. Buckwheat, grain	1913-23	1899-1912	15. Items 9-14		1920-21
3. Corn, grain	1879-1923		16. Fruit pulp and can- nery waste		1920-23
4. Oats, grain	1879-1923		17. Items 15, 16		1918-19
5. Rye, grain	1879-1923				
6. Wheat, grain	1879-1923				

APPENDIX C

007 Fruits (CONT.)				
18. Other dried fruits	1918-23			1879-1923
19. Items 17, 18	1913-17			1884-1923
20. Other nuts	1906-23			1922-23
21. Apricots, dried	1902-12			1900-21
22. Peaches, dried	1906-12			1922-23
23. Items 5, 8, 19	1902-05			1922-23
24. Items 7, 22-23	1898-1901			1922-23
25. Items 21, 24	1889-1905			1922-23
26. Items 6, 20				1922-23
27. Prunes	1898			1922-23
28. Raisins and other dried grapes	1898			1922-23
29. Items 4, 25, 27-28	1879-97			1901-21
008^a Beef				1900
1. Beef, fresh	1879-1923			1884-99
2. Beef, pickled or cured	1879-83, 1910-23			
3. Beef, canned	1887-1923			
4. Beef, other cured	1884-1909			
5. Beef, pickled	1884-1909			
009^a Pork and related products				
1. Pork carcasses, fresh	1922-23			1911-23
2. Loins and other fresh pork	1922-23			1879-1923
3. Items 1, 2	1891-1921			1911-23
4. Hams and shoulders, cured	1881-1923			1897-1921
5. Bacon	1881-1923			1882-1921
6. Pickled pork	1884-1923			1882-1910
7. Pork, canned	1900-23			1879-81
8. Sausage, not canned	1913-23			1922-23
9. Sausage, canned	1913-23			1922-23
10. Sausage casings				1922-23
11. Items 8, 9	1901-12			1922-23
12. Items 3, 6	1879-83			1922-23
13. Items 4, 5	1879-80			1922-23
010 Other meats and products				
1. Mutton and lamb				
2. Poultry and game, fresh				
3. Poultry, canned				
4. Other canned meats				
5. Items 3, 4				
6. Veal, fresh				
7. Meat extracts and bouillon cubes				
8. Other meats and products n.e.s.				
9. Items 6-8				
10. Item 9 and sausage, canned and un-canned				
11. Items 5, 10				
011^a Lard, oleo, and related products				
1. Oleo oil	1879-86			1911-23
2. Lard				1879-1923
3. Neutral lard				1911-23
4. Items 8, 9				1897-1921
5. Items 10, 11				1882-1921
6. Items 1, 3				1882-1910
7. Items 5, 6				1879-81
8. Lard compounds	1884-90			1922-23
9. Vegetable oil-lard compounds				1922-23
10. Oleo containing animal fats				1922-23
11. Vegetable oleo				1922-23
012^a Dairy products, manufactured				
1. Butter	1882-1923			1879-1923
2. Cheese				1879-1923

(continued)

TABLE C-7 (continued)

<i>Export Class and Commodity Composition</i>	<i>Years</i>		<i>Export Class and Commodity Composition</i>	<i>Years</i>	
	Covered	Uncovered		Covered	Uncovered
012^a Dairy products, manufactured (cont.)			013 Manufactured animal foods, nonagric. (cont.)		
3. Milk, condensed	1920-23		12. Other shellfish		1884-1923
4. Milk, evaporated	1920-23		13. Items 17 and 18		1888-93, 1909-23
5. Milk, powdered	1920-23		14. Items 4-6	1879-83	1910
6. Items 3-5	1910-19	1879-1909	15. Pickled mackerel	1884-88	1889-1908
013 Manufactured animal foods, nonagricultural			16. Items 19 and 20	1884-87	1894-1908
1. Canned salmon	1879-1923		17. Caviar		1898-1908
2. Cod, salted or dry- cured	1922-23		18. Other fish products, except caviar	1888	1898-1908 1889-93
3. Haddock, hake, and pollock, salted or dry-cured	1922-23		19. Pickled herring		
4. Items 2, 3	1922-23 1884-1909, 1911-21		20. Other pickled fish, excluding herring and mackerel	1888	1889-93
5. Herring, salted or dry-cured	1888, 1915-23	1889-1909, 1911-14	21. Items 5, 6	1884-87	
6. Other fish, salted or dry-cured	1888		014^a Flour and other grain products		
7. Items 15, 19, 20	1879-83	1909-23	1. Wheat flour	1879-1923	
8. Other canned fish, including tuna			2. Corn meal and flour	1879-1923	
9. Canned sardines			3. Oatmeal and rolled oats	1884-1923 1913-23	
10. Items 8, 9			4. Rye flour		1879-1912
11. Oysters, canned or fresh			5. Rice flour, meal and broken rice	1922-23	
			6. Rice grain	1922-23	
			7. Buckwheat flour		1922-23
			8. Corn hominy and grits		1922-23 1922-23

<i>014^a Flour and other grain products (CONTR.)</i>		
9. Other corn preparations for table use		
10. Wheat macaroni and spaghetti	1922-23	
11. Other wheat products	1922-23	
12. Cereal and breakfast foods, n.c.s.	1922-23	
13. Other grains and flour	1895-1916	
14. Rice bran and polish	1922-23	
15. Items 13, 14		
16. Cereal and breakfast foods, n.c.s.	1898-1921	
17. Other grains and flours	1919-21	
18. Barley flour	1919-23	
19. Items 17, 18	1917-18	
20. Item 19 less 14	1913-16	
21. Wheat bread, biscuits, cakes, crackers	1879-1923	
22. Rice, including flour, meal and grain	1879-90, 1898	
23. Barley malt	1899-1921	
24. Bran, middlings, other mill feeds	1916-23	
25. Other breadstuffs, including dried grains and malt sprouts	1898	
26. Items 16, 24-25	1898	
27. Buckwheat	1897	
28. Items 26, 27	1897-98	
29. Items 3, 28	1884-96 1879-83	
<i>015^a Vegetable oil, cake, and meal</i>		
1. Cottonseed oil, crude	1922-23	1913-23
2. Cottonseed oil, refined	1922-23	1922-23
3. Items 1, 2	1879-1921	
4. Cottonseed cake	1915-23	
5. Cottonseed meal	1915-23	
6. Items 4, 5	1894-1914	
7. Linseed cake	1918-23	
8. Linseed meal	1918-23	
9. Items 7, 8	1894-1917	
10. Corn cake	1904-12	
11. Coconut cake	1913-23	
12. Peanut cake	1920-23	
13. Other oil cake meal	1922-23	
14. Other oil cake	1922-23	
15. Items 12-14	1920-21	
16. Items 11, 15	1913-17	
17. Items 6, 9	1879-93	
18. Vegetable stearin	1916-23	
<i>016 Other feeds</i>		
1. Bran and middlings	1913-23	
2. Screenings	1922-23	
3. Corn feed	1922-23	
4. Sorghum, Kafir, and milo maize	1922-23	
5. Other mill feeds	1922-23	
6. Items 2-5	1913-21	
7. Dried grains and malt sprouts	1922-23	
8. Prepared feeds, not medicinal	1922-23	

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
016 Other feeds (CONT.)			018 Canned and dried fruits (CONT.)		
9. Items 7, 8	1901-21		8. Canned pears		1920-23
10. Items 1, 6	1899-1912		9. Canned cherries		1922-23
11. Other breadstuffs		1901-12	10. Canned plums		1922-23
12. Items 9, 11		1899-1900	11. Canned apricots		1923
017 Vegetables and products, manufactured			12. Other canned fruit		1923
1. Canned asparagus		1922-23	13. Items 11, 12		1920-21
2. Canned beans		1922-23	14. Items 9, 10, 13		1918-19
3. Canned peas		1922-23	15. Items 7, 8, 14		1884-1917
4. Other canned vegetables, n.e.s.		1922-23	16. Items 6, 15		
5. Items 1-4		1918-21	17. Preserved fruit, jellies, and jams		1884-1923
6. Canned corn		1918-23	18. Fruit juices and flavoring extracts		1916-23
7. Canned soups		1918-23	19. Items 16, 17		1879-83
8. Canned tomatoes		1918-23			
9. Items 5-8		1879-1917	019 Sugar and related products, agricultural		
10. Pickles and sauces		1913-23	1. Refined sugar		1899-1923
11. Vinegar		1879-98, 1916-23	2. Glucose		1908-23
		1916-23	3. Grape sugar		1908-23
12. Yeast			4. Syrup, including maple		1898-1923
018 Canned and dried fruits			5. Molasses		1899-1923
1. Raisins and other dried grapes		1899-1923	6. Honey		1882-1908, 1916-23
2. Prunes		1899-1923			
3. Apricots, dried		1913-23	7. Items 2, 3		1883-1907
4. Apples, dried		1879-1923	8. Refined sugar, except brown (Item 1 less 9)		
5. Peaches, dried		1913-23	9. Brown sugar		1879-98
6. Canned peaches		1918-23	10. Items 4, 5		1879-97
7. Canned pineapples		1920-23			

APPENDIX C

020	<i>Sugar and related products, nonagricultural</i>			
	1. Confectionery	1879-1923		1884-90, 1909-21
	2. Chewing gum	1916-23		
021	<i>Coffee, chocolate, and spices</i>			
	1. Coffee, roasted	1902-23		1922-23
	2. Cocoa, powdered, and chocolate, including sweetened	1902-23 1884-88, 1916-23		1922-23 1913-21
	3. Spices	1884-1901		
	4. Items 1, 2	1879-83		
	5. Items 3, 4			
022	<i>Malt beverages</i>			
	1. Malt extracts and beverages in bottles	1879-1920		1891-1908 1891-1908 1884-88
	2. Malt extracts and beverages in other coverings	1879-98		1884-88
	3. Items 1, 2	1921-23		
023	<i>Wines</i>			
	1. Wines	1879-83, 1910-23		1884-1923
	2. Wine in bottles	1884-1909		
	3. Wine in other coverings	1884-1909		
024	<i>Alcoholic beverages, nonagricultural</i>			
	1. Rum	1879-1921		1889-1923
	2. Rye	1884-1921		
	3. Bourbon	1884-94, 1913-21		1913-23
024	<i>Alcoholic beverages, nonagricultural (CONT.)</i>			
	4. Items 9, 10			
	5. Total distilled liquors (Items 1-4)	1922-23		
	6. Mineral waters			
	7. Other beverages, n.c.s.			
	8. Items 6, 7			
	9. Other distilled liquors, n.c.s., excluding brandy (Item 4 less 10)			
	10. Brandy			
	11. Alcohol			
	12. Pure, neutral, and cologne spirits			
	13. Items 2-4, 11-12	1879-83		
025*	<i>Crude tobacco</i>			
	1. Leaf tobacco	1884-1923		
	2. Stems, trimmings, scrap			
	3. Tobacco, leaf, stems, trimmings, scrap	1879-83		
026	<i>Manufactured tobacco products</i>			
	1. Cigarettes	1884-1923		
	2. Plug tobacco	1898-1923		
	3. Smoking tobacco	1913-23		
	4. Cigars and cheroots	1879-88		
	5. Other tobacco manufactures			

(continued)

TABLE C-7 (continued)

	Export Class and Commodity Composition		Years	
	Covered	Uncovered	Covered	Uncovered
026	<i>Manufactured tobacco products (CONT.)</i>			
6.	1898-1912			
7.	1884-97			
8.	1879-83			
027	<i>Hides, leather, and manufactures, crude</i>			
1.	1913-23			
2.	1913-23			
3.		1922-23		
4.		1923		
5.		1922		
6.		1913-22		
7.		1913-21		
8.	1879-1912			
028 ^a	<i>Hides, leather, and products, semimanufactured</i>			
1.			1911-23	
2.				
3.			1911-23	
4.			1913-23	
5.			1884-1923	
			1920-23	
028 ^a	<i>Hides, leather, and products, semimanufactured (CONT.)</i>			
6.			1920-23	
			1918-19	
7.			Items 5, 6	
8.			Upper leather, sheep and lamb	1922-23
9.			Upper leather, horse and colt	1922-23
10.			Upper leather, other	1918-21
11.			Items 8-10	1913-17
12.			Items 7, 11	1911-12
13.			Belting leather	1913-23
14.			Glove leather	
15.			Upholstery and auto leather	1911-23
16.			Rough tanned leather	1922-23
17.			Harness, collar and saddle leather	1922-23
18.			Fancy leather	1922-23
19.			Case, bag, and strap leather	1922-23
20.			Other leather and tanned skins	1922-23
21.			Items 16-20	1913-21
22.			Items 1, 12	1884-1910
23.			Items 14, 21	
24.			Items 13, 15, 23	1911-12
25.			Items 2, 3	1884-1910
26.			Items 4, 22, 24, 25	1884-97

APPENDIX C

028 ^a <i>Hides, leather and products, semimanufactured—(CONT.)</i>			
27. Sole, upper, and other leather excluding morocco and other fine leather	1879-82		
28. Morocco and other fine leather	1879-82		
029 <i>Hides, leather, and products, manufactured</i>			
1. Boots and shoes, men's and boys' women's	1913-23		
2. Boots and shoes, children's	1913-23		
3. Boots and shoes, children's	1913-23		
4. Leather belting	1920-23		
5. Belting leather	1920-23		
6. Items 4, 5	1913-19		
7. Slippers	1913-23		
8. Harness and saddles	1879-1923		
9. Leather gloves	1918-23		
10. Athletic shoes, etc.	1922-23		
11. Pocketbooks and purses	1922-23		
12. Other manufactures of leather	1922-23		
13. Items 10-12	1918-21		
14. Items 9, 13	1879-1917		
15. Items 1-3, 7	1879-1912		
030 <i>Furs, unmanufactured</i>			
1. Furs, undressed and dressed, and manufactures of	1913-23		
2. Furs, undressed and dressed, and manufactures of	1879-1912		
031 <i>Furs, semimanufactured</i>			
1. Dressed fur, fox	1922-23		
2. Dressed fur, muskrat	1922-23		
3. Dressed fur, skunk and civet cat	1922-23		
4. Dressed fur, opossum	1922-23		
5. Dressed fur, other	1922-23		
6. Fur apparel, except hats	1922-23		
7. Other fur manufactures, including waste	1922-23		
8. Items 1-7	1913-21		
032 <i>Other animal products, crude, agricultural</i>			
1. Horses	1889-1923		1879-88
2. Tallow, edible	1922-23		
3. Tallow, inedible	1922-23		
4. Items 2, 3	1879-1921		
5. Mules, asses, and burros	1879-1912, 1915-21		1913-14, 1922-23
6. Bones, hoofs, and horns, unmanuf.	1883-1909, 1913-23		
7. Feathers, crude, not dressed	1922-23		
8. Feathers, dressed and manufactures of	1922-23		
9. Items 7, 8	1898-1921		
10. Bones and bone dust	1879-82		
033 <i>Other animal products, semimanufactured, agricultural</i>			
1. Glue of animal origin	1922-23		

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
033 Other animal products, semimanufactured, agricultural (CONTR.)			034 Other animal products, semimanufactured, nonagricultural		
2. Vegetable glue	1922-23		1. Cod and cod liver oil	1922-23	
3. Items 1, 2	1889-1909, 1912-21	1879-88	2. Other fish oils	1922-23	
4. Neat's foot oil	1922-23		3. Items 1 and 2	1879-1921	1916-23
5. Whale oil	1922-23		4. Shells, unmanufactured		
6. Other animal oils	1922-23		5. Whale oil	1879-98	
7. Items 4-6	1908-21				
8. Grease stearin	1922-23		035 Rubber and products, semimanufactured		
9. Oleic acid or red oil	1922-23		1. Reclaimed rubber	1906-23	
10. Stearic and other fatty acids	1922-23		2. Scrap and old rubber	1899-1923	
11. Oleo and lard stearin	1922-23				
12. Items 8-11	1913-21		036 Rubber and products, manufactured		
13. Oleo stock	1922-23		1. Tires, tubes, etc. for automobiles	1913-23	1911-12
14. Other animal greases, oils, and fats	1922-23		2. Other tires and tubes	1913-23	1911-12
15. Vegetable soap stock	1922-23		3. Rubber boots	1913-23	
16. Items 13-15	1913-21		4. Rubber belting		1920-23
17. Lard oil	1879-1912	1913-23	5. Rubber hose		1920-23
18. Beeswax		1879-92, 1898-1907, 1916-23	6. Rubber packing		1920-23
		1916-23	7. Items 4-6		1900-19
19. Wax manufactures		1922-23	8. Druggists' rubber sundries		1918-23
20. Other animal products, n. e. s.			9. Rubber soles and heels		1920-23
21. Grease, including lubricating, and soap stock	1884-1912		10. Battery jars and accessories		1922-23
22. Whale oil	1899-1907		11. Other electrical supplies		1922-23
23. Other animal oils	1879-1907		12. Other hard rubber goods		1922-23

APPENDIX C

036	<i>Rubber and products, manufactured (CONT.)</i>			
	13. Tire accessories and repair materials	1922-23		
	14. Rubber thread	1922-23		
	15. Other manufactures of rubber	1922-23		1884-88
	16. Items 10-15	1920-21		
	17. Items 9, 16	1918-19		1898-1912
	18. Items 8, 17	1911-17		
	19. Rubber shoes	1922-23		
	20. Canvas shoes with rubber soles	1922-23		
	21. Items 19, 20	1913-21		
	22. Items 1, 2, 18	1900-10		
	23. Items 7, 22	1879-99		
	24. Items 3, 21	1879-1912		
037	<i>Oilseeds, crude</i>	1923		1922-23
	1. Items 2, 3	1879-88,		1922-23
	2. Cottonseed	1913-22		1898-1921
	3. Flaxseed	1913-22		1882-1909
				1912-23
038	<i>Vegetable oils, expressed, and fats, semimanufactured</i>			
	1. Linsed oil	1879-1923		1889-1923,
	2. Corn oil	1898-1923		1889-97
	3. Soya bean oil	1920-23		1884-88
	4. Coconut oil	1920-23		1880-83
	5. Cocoa butter	1920-23		1879
	6. Peanut oil	1920-23		
	7. Other vegetable fats and oils			
	8. Items 3-7	1913-19		
	9. Items 2, 8			
039	<i>Other vegetable products, crude, agricultural</i>			
	1. Red clover seed	1922-23		
	2. Other clover seed	1922-23		
	3. Items 1 and 2	1880-1921		
	4. Timothy seed	1889-1923		
	5. Alfalfa	1922-23		
	6. Other grass seed	1922-23		
	7. Items 5, 6	1913-21		
	8. Hops	1879-1923		
	9. Ginseng	1879-1923		
	10. Other field and forage plant seeds			1922-23
	11. Vegetable and flower seeds			1922-23
	12. Other oilseeds, n.e.s.			1922-23
	13. Items 10-12			1898-1921
	14. Fruit stock, cuttings, seedlings			1922-23
	15. Other nursery or greenhouse stock			1922-23
	16. Items 14, 15			1898-1921
	17. Broom corn			1882-1909
	18. Other crude vegetable drugs			1912-23
	19. Items 7, 13			1889-1923,
	20. Other seeds, including flaxseed			1889-97
	21. Items 4, 20			1884-88
	22. Items 3, 21			1880-83
				1879
040	<i>Other vegetable products, semimanufactured, nonagricultural</i>			
	1. Rosin			1884-1923

(continued)

TABLE C-7 (continued)

<i>Export Class and Commodity Composition</i>	<i>Years</i>		<i>Export Class and Commodity Composition</i>	<i>Years</i>	
	<i>Covered</i>	<i>Uncovered</i>		<i>Covered</i>	<i>Uncovered</i>
040 <i>Other vegetable products, semimanufactured, nonagricultural</i> (CONT.)			042 ^a <i>Cotton textiles, crude</i>		
2. Spirits of turpentine	1879-1923		1. Cotton, unmanufactured	1889-97, 1905-23	
3. Chestnut extract	1922-23		2. Cotton linters	1898-1904	
4. Other tanning extracts	1922-23		3. Unmanufactured cotton except linters	1898-1904	
5. Items 3, 4	1913-21	1906-12	4. Sea Island cotton	1879-88	
6. Wood turpentine		1922-23	5. Unmanufactured cotton except Sea Island	1879-88	
7. Tar and pitch, wood		1922-23			
8. Items 6, 7		1909-21			
9. Moss		1916-23			
10. Tar	1884-88	1889-1908	043 <i>Cotton textiles, semimanufactured</i>		
11. Turpentine and pitch	1884-88	1889-1908	1. Cotton mill waste	1899-1923	
12. Bark for tanning		1906-08	2. Carded yarn, not combed	1922-23	
13. Items 5, 12		1889-1905	3. Combed yarn	1922-23	
14. Items 1, 10, 11	1883		4. Items 2, 3	1913-21	
15. Item 1 and turpentine	1879-82		5. Cotton, rags, except paper stock		1913-23
16. Item 10 and pitch	1879-82				
041 <i>Other vegetable products, manufactured, agricultural</i>			044 ^a <i>Cotton textiles, manufactured</i>		
1. Cornstarch	1918-23		1. Duck, unbleached	1917-23	
2. Other starch	1918-23		2. Other cloth, unbleached	1917-23	
3. Items 1, 2	1879-1917		3. Items 1, 2	1907-16	
4. Peppermint oil	1891-1923		4. Duck, bleached	1917-23	
5. Other essential oils		1891-1923	5. Other cloth, bleached	1917-23	
6. Items 4, 5	1879-90		6. Items 4, 5	1907-16	

APPENDIX C

<i>044^a Cotton textiles, manufactured (CONT.)</i>			
7. Ducks, colored	1917-23		
8. Other cloth, yarn or stock dyed	1917-23		
9. Items 7, 8	1915-16		
10. Other cloth, printed	1915-23		
11. Other cloth, piece dyed	1915-23		
12. Items 9-11	1879-1914		
13. Knit goods, hosiery	1918-23		
14. Knit goods, underwear	1918-23		
15. Gloves	1922-23		
16. Sweaters, shawls, and other outerwear	1922-23		
17. Items 15, 16	1918-21		
18. Items 13, 14, 17	1908-12		
19. Corsets	1913-23		
20. Collars and cuffs	1918-23		
21. Overalls	1922-23		
22. Underwear, not knit, for men and boys	1922-23		
23. Shirts	1922-23		
24. Other wearing apparel, for men and boys	1922-23		
25. Items 21-24	1918-21		
26. Dresses and skirts	1922-23		
27. Shirt waists and blouses	1922-23		
28. Underwear, not knit, for women and children	1922-23		
29. Other wearing apparel for women and children	1922-23		
<i>044^a Cotton textiles, manufactured (CONT.)</i>			
30. Items 26-29	1918-21		
31. Items 25, 30	1913-17		
32. Laces and embroideries	1913-23		
33. Blankets	1918-23		
34. Sewing thread	1922-23		
35. Crochet, darning, and embroidery cotton	1922-23		
36. Twine and cordage	1922-23		
37. Items 34-36	1918-21		
38. Damasks	1922-23		
39. Pile fabrics, plushes, etc.	1922-23		
40. Tapestries and other upholstery goods	1922-23		
41. Other cotton fabrics, n.e.s.	1922-23		
42. Handkerchiefs	1922-23		
43. Lace window curtains	1922-23		
44. Cotton bags	1922-23		
45. Mattresses	1922-23		
46. Quilts and comforters	1922-23		
47. Sheets and pillow-cases	1922-23		
48. Towels and bathmats	1922-23		
49. Cotton belting	1923		
50. Other manufactures of cotton, n.e.s.	1923		
51. Items 49, 50	1922		
52. Items 38, 48, 51	1918-21		
53. Items 33, 37, 52	1913-17		
54. Items 19, 31	1908-12		
55. Items 13, 54	1889-1907		
56. Items 3, 6	1879-1906		
57. Cotton yarn	1904-12		

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
044^a <i>Cotton textiles, manufactured (cont.)</i>			045 <i>Other vegetable textiles, manufactured (cont.)</i>		
58. Other manufactures of cotton, n.e.s., including rags, laces and embroideries, and typewriter ribbons		1904-12 1898-1903	15. Felt base and oil cloth floor coverings		1922-23 1898-1921
59. Items 57, 58			16. Items 13-15		
60. Cotton waste, cop and mill		1898	17. Oil cloth, except for floors		1898-1923
61. Items 59, 60		1879-97	18. Leather cloth and artificial leather		1913-23 1922-23
045 <i>Other vegetable textiles, manufactured</i>			19. Jute burlaps		1922-23
1. Binder twine	1910-23		20. Jute bagging for cotton		1922-23
2. Manila cordage	1923		21. Other manufactures of jute		
3. Sisal or henequen cordage	1923		22. Flax, hemp, and ramie manufactures		1922-23
4. Items 2 and 3	1922		23. Window shade, book cloth, etc.		1922-23
5. Other cordage except jute	1922-23		24. Water proofed auto cloth, etc.		1922-23 1922-23
6. Jute, yarn, cordage, and twine	1922-23		25. Water proofed clothing		1922-23
7. Cordage	1884-1921		26. Other manufactures of vegetable fiber		1922-23 1922-23
8. Twine, excluding binder twine	1910-21		27. Other textile manuf.		1879-1921
9. Bags of jute	1882-1923		28. Items 19-27		
10. Artificial silk hosiery	1918-23		29. Hats of straw, palm leaf		1922-23 1922-23
11. Other manufactures of artificial silk		1918-23	30. Hat braid of straw, etc.		1879-1921
12. Items 10, 11		1917	31. Items 29, 30		1882-88, 1916-23
13. Linoleum, inlaid		1922-23	32. Oakum		1918-23
14. Linoleum, other		1922-23	33. Hat trimmings		1916-23
			34. Wool felt hats		1922-23
			35. Fur felt hats		1922-23

APPENDIX C

045 Other vegetable textiles, manufactured (CONT.)	36. Items 34, 35	1918-21		
	37. Items 38-40	1922-23		
	38. Other hats and caps, men's and boys'	1918-21		
	39. Hats, for women and children, un-trimmed	1918-21		
	40. Hats, for women and children, trimmed	1918-21		
	41. Items 33, 36, 37	1916-17		
	42. Garters and arm bands	1922-23		
	43. Suspenders and braces	1922-23		
	44. Items 42, 43	1918-21		
	45. Items 1, 8	1884-1909		
	46. Items 7, 45	1883		
046 Wool textiles, crude unmanuf.	47. Hemp cables and cordage	1879-82		
	48. Other cordage, rope and twine	1879-82		
	1. Wool and mohair, unmanuf.	1889-99, 1916-23	1879-88	
	047 Wool textiles, semimanuf.	1. Wool rags	1913-23	
		048 Wool textiles, manufactured	1918-23	
	048 Wool textiles, manufactured (CONT.)	1. Wool cloth and dress goods	1918-23	
		2. Other wool manuf., except wearing apparel	1918-23	
		3. Items 1, 2	1913-17	1884-88
		4. Wool wearing apparel, incl. knit goods	1889-1923	1910-12
		5. Items 6-9		1898-1909
		6. Wool dress goods		1879-92,
7. Carpets		1894-98	1899-1909	
8. Flannels and blankets			1884-1909	
9. Other wool manuf., incl. rags			1898-1909	
10. Items 6, 9			1884-97	
11. Cotton wearing apparel			1884-88	
049 Silk textiles, manufactured	12. Items 4, 11		1879-83	
	13. Items 8, 10		1879-83	
	1. Silk wearing apparel	1918-23		
	2. Broad silk dress goods	1918-23		
	3. Thrown silk, spun silk, etc.		1922-23	
	4. Sewing, embroidery and crochet silk		1922-23	
	5. Velvets, plushes, etc., incl. ribbons		1922-23	
	6. Ribbons, except velvet and plush		1922-23	
	7. Silk bandings, bindings, etc.		1922-23	
	8. Laces, veils, and embroideries		1922-23	
	9. Other manuf. of silk		1918-21	
10. Items 3-9		1918-21		
11. Items 1, 2, 10	1913-17	1882-1912		

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
050 Other animal textiles, <i>crude</i>			051 Wood and related products, <i>crude</i> (CONT.)		
1. Cattle hair, unmanuf.		1922-23	18. Logs, masts, spars, and other whole timber		1879-82
2. Other hair, unmanuf.		1922-23			
3. Items 1, 2		1879-82, 1913-21	19. Other unmanuf. wood, excl. firewood		1879-82
4. Manuf. of hair, n.e.s.		1879-82, 1913-23			
5. Items 3, 4		1883-1912	052^a Wood and related products, <i>semimanuf.</i>		
051 Wood and related products, <i>crude</i>			1. Timber, sawed, southern pine	1912-23	
1. Logs, southern pine	1918-23		Boards, planks, and scantlings (Items 2-14) of:		
2. Logs, Douglas fir	1918-23		2. Cypress	1913-23	
3. Logs, cedar	1922-23		3. Douglas fir	1912-23	
4. Logs, other softwood	1922-23		4. Yellow pine, southern	1922-23	
5. Items 3, 4	1918-21		5. Yellow pine, western	1922-23	
6. Logs, hardwoods	1918-23		6. Yellow pine, pitch or long leaf	1912-21	
7. Pulpwood	1922-23		7. Yellow pine, short leaf	1912-21	
8. Firewood and other unmanuf. wood	1922-23		8. Yellow pine, other	1912-21	
9. Items 7, 8	1909-21		9. Redwood	1913-23	
10. Items 1, 2, 5, 6	1909-11, 1916-17		10. White pine	1913-23	
11. Logs, except hickory, oak, and walnut	1912-15		11. Gum	1912-23	
12. Logs, hickory	1912-15		12. Oak	1912-23	
13. Logs, oak	1912-15		13. Poplar	1912-23	
14. Logs, walnut	1912-15		14. Spruce	1912-23	
15. Items 9, 10	1893-1908		15. Staves, tight	1922-23	
16. Firewood	1879-92		16. Staves, slack	1922-23	
17. Items 18, 19	1883-92		17. Items 15 and 16	1898-1921	

APPENDIX C

<i>052^a Wood and related products, semimanuf. (CONT.)</i>			
18. Timber, hewn or sawed, Douglas fir	1922-23		1923
19. Timber, hewn or sawed, cedar	1922-23		1923
20. Timber, hewn or sawed, softwood other than southern pine, Douglas fir and cedar	1922-23		1923
21. Items 18-20	1920-21		1922-23
22. Softwoods, hewn	1918-19		1922-23
23. Softwoods, sawed, excl. southern pine	1918-19		1913-21
24. Timber, hewn or sawed, oak	1922-23		1923
25. Timber, hewn or sawed, hardwoods except oak	1922-23		1923
26. Items 24, 25	1920-21		1879-1922
27. Hardwoods, hewn	1918-19		1898-1923
28. Hardwoods, sawed	1918-19		
29. Items 22, 27	1884-88, 1899-1912		
30. Items 23, 28	1913-17		
Boards, planks, and scantlings (Items 31-41) of:	1912		
31. Hemlock	1923		
32. Other softwood	1923		
33. Items 31, 32	1918-22		1884-98
34. Chestnut	1922-23		1893-1912
35. Hickory	1922-23		1884-97
36. Walnut	1922-23		1884-92
<i>052^a Wood and related products, semimanuf. (CONT.)</i>			
37. Ash			1923
38. Other hardwood			1923
39. Items 37, 38			1918-21
40. Items 34-36, 39			1913-17
41. Items 33, 40			1922-23
42. Piling			1922-23
43. Telegraph, trolley, electric light poles			1922-23
44. Lath			1922-23
45. Other lumber			1922-23
46. Items 42-45			1913-21
47. Box shooks, southern pine			1923
48. Box shooks, other			1923
49. Items 47, 48			1879-1922
50. Heading			1898-1923
51. Railroad ties, softwood	1922-23		
52. Railroad ties, hardwood	1922-23		
53. Items 51, 52	1913-21		
54. Items 1, 30	1884-1911		
55. Boards and planks, other, excl. joists and scantlings	1912		
56. Items 3, 6-8, 11-14, 55	1884-1911		
57. Joists and scantlings	1884-1912		
58. Shooks, except box	1899-1912		
59. Items 46, 53			1884-98
60. Items 17, 50			1893-1912
61. Pickets, palings, bed slats			1884-97

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
052 ^a Wood and related products, <i>semimanuf.</i> (cont.)			053 Wood and related products, <i>manufactured</i> (cont.)		
62. Hoops and hoop poles		1879-92	16. Boats, oars, and paddles		1918-23
63. Laths		1884-92	17. Handles for agric. implements		1923
64. Item 59, less Items 61-63		1879-92	18. Handles for tools		1923
65. Items 29, 54	1879-83		19. Items 17, 18		1918-22
66. Items 56, 57	1879-83		20. Items 8, 14	1913-17	
67. Items 58, 60	1879-83		21. Items 15, 16, 19		1913-17
68. Items 61, 63	1879-83		22. Barrels, casks, and hogsheads		1879-1909, 1912-23
053 Wood and related products, <i>manufactured</i>			23. Trimmings and mouldings		1884-1923
1. Shingles	1879-1923		24. Woodenware		1879-1923
2. Wood chairs	1918-23		25. Cork discs, washers, and wafers		1922-23
3. Other wood furniture	1918-23		26. Cork stoppers		1922-23
4. Items 2, 3	1879-1917		27. Other manuf. of cork		1922-23
5. Doors, sash, and blinds	1884-1923		28. Items 25-27		1916-21
6. Shooks, tight	1922-23		29. Other manuf. of wood, incl. incubators and brooders		1884-1909, 1912
7. Shooks, slack	1922-23				1910-11
8. Items 6, 7	1918-21				1879-83
9. Other manuf. of wood, n.e.s., incl. Item 14		1923			
10. Hardwood flooring		1923			
11. Items 9, 10		1922			
12. Cane and reed manuf., n.e.s.		1922-23			
13. Veneers and plywood		1922-23			
14. Shooks, other		1918-21			
15. Items 11-13		1918-21			
			054 Paper and related products, <i>semimanuf.</i>		
			1. Sulphite wood pulp	1922-23	
			2. Soda wood pulp	1922-23	

APPENDIX C

054	<i>Paper and related products, semimanuf. (CONT.)</i>			
	3. Other wood pulp	1922-23		
	4. Items 1-3	1898-1921		
	5. Rags and other paper stock	1910-23		
055 ^a	<i>Paper and related products, manuf. (CONT.)</i>			
	1. Newsprint paper	1911-23		
	2. Book paper, not coated	1911-23		
	3. Wrapping paper, Kraft	1922-23		
	4. Wrapping paper, other	1922-23		
	5. Items 3, 4	1913-21		
	6. Writing paper, excl. papeteries	1922-23		
	7. Envelopes	1922-23		
	8. Papeteries	1922-23		
	9. Items 6-8	1913-21		
	10. Paperboard and strawboard	1915-23		
	11. Cover paper		1884-1912	
	12. Surface coated paper	1922-23		
	13. Bristols and bristol board	1922-23		
	14. Sheathing and building paper	1922-23		
	15. Cigarette paper and books	1922-23		
	16. Photographic paper	1922-23		
	17. Other paper and products, n.e.s.	1922-23		
055 ^a	<i>Paper and related products, manuf. (CONT.)</i>			
	18. Items 11-17			1918-21
	19. Grease proof and waterproof paper			1918-23
	20. Tissue and crepe paper			1922-23
	21. Toilet paper			1922-23
	22. Items 20, 21			1918-21
	23. Paper towels and napkins			1918-23
	24. Cash register and adding machine paper			1918-23
	25. Items 18, 19, 22-24			1915-17
	26. Items 10, 25			1913-14
	27. Paper hangings			1882-1923
	28. Paper bags			1913-23
	29. Boxes and cartons			1913-23
	30. Carbon paper			1913-23
	31. Playing cards			1904-23
	32. Wall board (plaster board)			1916-23
	33. Items 5, 26, 28-30			1904-12
	34. Items 1, 2			1898
	35. Items 31, 33		1899-1910	1898-1903
	36. Items 34, 35			1884-97
	37. Stationery other than paper			1884-88
	38. Items 9, 36, 37			1879-83
056	<i>Books and other printed matter</i>			
	1. Books and pamphlets			1922-23
	2. Maps and charts			1922-23

(continued)

TABLE C-7 (continued)

<i>Export Class and Commodity Composition</i>	<i>Years</i>		<i>Export Class and Commodity Composition</i>	<i>Years</i>	
	Covered	Uncovered		Covered	Uncovered
056 <i>Books and other printed matter (CONTR.)</i>			061 ^a <i>Petroleum and products, manufactured</i>		
3. Music, in books and sheets		1922-23	1. Illuminating oil (kerosene)	1879-1923	
4. Souvenir post cards		1922-23	2. Items 3, 4	1879-1917, 1922-23	
5. Lithographically printed matter, n.e.s.		1922-23	3. Paraffin lubricating oil	1918-21	
6. Other printed matter		1922-23	4. Other lubricating oil	1918-21	
7. Items 1-6		1879-1921	5. Items 6, 7	1879-1912, 1921-23	
057 ^a <i>Coal and products, crude</i>			6. Gasoline	1913-20	
1. Anthracite coal	1879-1923		7. Naptha and other light products	1913-20	1913-23
2. Bituminous coal	1879-1923		8. Lubricating greases		1913-23
058 <i>Coal and products, semimanufactured</i>			9. Residuum		1913-23
1. Coke	1895-1923		10. Petroleum jelly		
			11. Gas and fuel oil and Item 9		1879-1912
059 ^a <i>Petroleum and products, crude</i>			062 <i>Other nonmetallic minerals, crude</i>		
1. Crude petroleum	1879-1923		1. Asphalt and bitumen, unmanuf.	1912-23	
060 ^a <i>Petroleum and products, semimanufactured</i>			2. Sulphur or brimstone	1907-23	
1. Gas and fuel oil		1913-23	3. Fire clays	1916-23	1916-23
2. Paraffin wax, unrefined	1918-23		4. Other clays		
3. Paraffin wax, refined	1918-23		5. Plaster, builders' and patent		1913-23
4. Items 2, 3	1882-1917		6. Graphite, unmanuf.		1912-23
			7. Asbestos, unmanuf.		1916-23

APPENDIX C

063	<i>Other nonmetallic minerals, semimanufactured</i>			064	<i>Other nonmetallic minerals, manufactured (cont.)</i>	
1.	Cement, hydraulic	1899-1923	1896-98	11.	Lamp chimneys and lantern globes	1922-23
2.	Sand and gravel	1916-23	1896-98	12.	Globes and shades for light fixtures	1922-23
3.	Lime	1916-23		13.	Lamps and other illuminating devices	1922-23
4.	Marble in blocks, rough or dressed		1922-23	14.	Electrical glassware except lighting	1922-23
5.	Other building or monumental stone		1879-1921	15.	Other glassware, n.e.s. Items 9-15	1918-21
6.	Items 4, 5		1922-23	17.	Table or other glassware, cut or engraved	1918-23
7.	Precious stones, incl. pearls		1922-23	18.	Chemical glassware	1918-23
8.	Other nonmetallic minerals, n.e.s.		1879-95	19.	Items 16-18	1913-17
9.	Items 1, 3			20.	China and porcelain table, toilet, and kitchenware	1922-23
064	<i>Other nonmetallic minerals, manufactured</i>			21.	Electric porcelain	1922-23
1.	Glass containers	1913-23		22.	Other china and porcelain ware	1922-23
2.	Window glass, common	1899-1923	1884-98	23.	Earthen and stoneware, table, toilet, and kitchenware	1922-23
3.	Plate glass, unsilvered	1913-23	1908-12	24.	Other earthen and stoneware, except sanitary	1922-23
4.	Fire-clay bricks	1911-23		25.	Other refractory bricks	1922-23
5.	Roofing slate	1899-1923	1884-98	26.	Refractory shapes	1884-1912, 1919-21
6.	Building bricks	1899-1923	1879-98	27.	China ware	1884-1921
7.	Tile: wall, floor, and hollow	1913-23		28.	Earthen and stoneware	
8.	Salt	1899-1923	1879-90, 1898			
9.	Table glassware, plain	1922-23				
10.	Other window and plate glass		1922-23			

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
064 Other nonmetallic minerals, manufactured (CONT.)			064 Other nonmetallic minerals, manufactured (CONT.)		
29. Other earthenware, stoneware, china-ware and crockery		1916-21	51. Grindstones		1913-23
30. Sanitary earthenware		1916-23	52. Manufs. of chalk		1916-23
31. Items 29, 30		1913-15	53. Mica and manufs. of gypsum and manuf. of sulphur, refined		1916-23
32. Asbestos paper, mill board, etc.		1922-23	54. Gypsum and manuf. of sulphur, refined		1922-23
33. Asbestos pipe covering and cement		1922-23	55. Magnesia and manuf. of cement		1922-23
34. Asbestos textiles, yarn, and packing		1922-23	56. Manuf. of cement		1911-12
35. Other asbestos manuf.		1922-23	57. Manuf. of cement		1882-1910
36. Items 32-35		1912-21	58. Items 7, 31		1908-12
37. Graphite crucibles		1922-23	59. Items 4, 58		1884-1907
38. Other graphite manuf.		1922-23	60. Items 1, 19		1884-1912
39. Items 37, 38		1912-21	61. Items 3, 60		1910-12
40. Manuf. of asphalt and bitumen		1912-23	62. Items 50, 51		1879-83
41. Wheels of emery and corundum		1922-23	63. Items 43, 47		1879-83
42. Wheels of artificial abrasives		1922-23	64. Items 2, 61		1879-83
43. Items 41, 42		1922-23	65. Items 5, 62		1879-83
44. Hones, whetstones, etc.		1913-21	66. Items 27, 28		1879-83
45. Artificial abrasives, crude or grains		1922-23			
46. Artificial abrasives, other		1922-23	065 Nonferrous metals, crude		1879-1915,
47. Items 44-46		1913-21	1. Items 2, 3		1921-23
48. Marble manufs.		1922-23	2. Copper ores		1916-20
49. Other manufs. of stone		1913-21	3. Copper concentrates, matte, and regulus		1916-20
50. Items 48, 49		1922-23	4. Items 5, 6		1922-23
		1913-21	5. Zinc ore and concentrates		1879-1921
		1922-23	6. Zinc dross		1906-21
		1913-21	7. Bauxite and other aluminum ores and concentrates		1915-23

APPENDIX C

<i>066^a Nonferrous metals, semimanufactured</i>		
1. Copper plates and sheets	1913-23	
2. Unrefined black, blister, and converter copper	1916-23	
3. Refined copper in ingots, bars, etc.	1922-23	
4. Copper rods	1922-23	
5. Copper wire	1916-23	
6. Items 3, 4	1916-21	
7. Items 2, 9	1915	
8. Items 2, 3	1913-14	
9. Items 4, 5	1913-14	
10. Brass ingots, plates, sheets, bars, rods	1913-23	
11. Brass, scrap and old	1913-23	
12. Zinc sheets, strips, etc.	1916-23	
13. Zinc slabs, blocks, and pigs, from foreign ore	1916-23	
14. Zinc slabs, blocks, and pigs, from domestic ore	1916-23	
15. Items 12-14	1892-1915	1884-91
16. Lead in pigs, bars, etc., from domestic ore	1914-23	
17. Lead in pigs, bars, etc., from foreign ore	1916-23	
18. Tin in bars, blocks, and pigs	1916-23	
<i>066^a Nonferrous metals, semimanufactured (CONT.)</i>		
19. Aluminum ingots, scraps, alloys	1918-23	
20. Aluminum plates, sheets, bars, strips, rods	1918-23	
21. Aluminum, table, kitchen, and hospital ware	1922-23	
22. Aluminum tubes, moldings, castings, etc.	1922-23	
23. Other manufs. of aluminum	1922-23	
24. Items 21-23	1918-21	
25. Items 19, 20, 24	1899-1912	
26. Nickel oxide and matte	1913-17	
27. Nickel, monel metal, and alloys	1922-23	
28. Items 26, 27	1920-21	
29. Other manufs. of lead, n.e.s.	1895-1919	
30. Items 16, 29	1914-23	
31. Old and scrap copper	1913	
32. Quicksilver or mercury	1913-23	
33. Ferrovandium	1879-98	1899-1909, 1912-23
34. Babbitt metal		1912-23
35. Platinum ingots, sheets, etc.		1913-23
36. Ferrotungsten and tungsten metal and wire		1915-1923
		1916-23
		1916-23

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
<i>066^a Nonferrous metals, semimanufactured (CONT.)</i>			<i>067^a Nonferrous metals, manufactured (CONT.)</i>		
37. Nickel or German silver	1884-1912	1916-23	14. Other plated ware		1922-23
38. Items 1, 8, 9, 31			15. Items 13-14		1917-21
39. Copper sheets	1879-83	1884-88	16. Items 12, 15		1879-1916
40. Items 38, 39			17. Manufs. of gold		1922-23
41. Manufs. of zinc		1884-88	18. Sterling silver tableware		1922-23
42. Items 15, 41		1879-83	19. Other manufs. of silver		1922-23
			20. Items 17-19		1899-21
<i>067^a Nonferrous metals, manufactured</i>			21. Tin and galvanized iron hollow ware		1918-23
1. Brass and bronze	1913-23		22. Tin cans, finished or unfinished		1922-23
2. Type	1913-23	1898-1909, 1912	23. Tin manufs.		1923
3. Composition metal, copper chief value	1918-23		24. Other manufs. of metal or metal composition		1923
4. Copper pipes and tubes	1918-23		25. Other metals and alloys, n.e.s.		1922-23
5. Other manufs. of copper	1918-23		26. Items 23, 24		1922
6. Items 3-5	1913-17		27. Items 22, 23		1918-21
7. Zinc dust			28. Items 24, 25		1918-21
8. Other zinc manufs.		1889-1912	29. Items 21, 27		1879-1917
9. Items 7, 8		1922-23	30. Other manufs. of bronze		1916-23
10. Plated ware, silver: tableware		1889-1921	31. Nickel manufs.		1916-23
11. Plated ware, silver: other		1922-23	32. Platinum manufs.		1916-23
12. Items 10, 11		1917-21	33. Items 35, 36		1899-1912
13. Plated ware, gold		1922-23	34. Brass and manufs. of lead manufs., except type and pigs, bars and old		1879-1912
					1898

APPENDIX C

<i>067^a Nonferrous metals, manufactured (CONT.)</i>			
36. Lead pigs, bars, and old	1895-98 1895-97 1879-94		
37. Items 2, 35			
38. Items 36, 37			
39. Manufs. of copper, except sheets	1879-88		
<i>068 Iron and steel products, crude</i>			
1. Iron ore	1899-1923	1882-98	
<i>069^a Iron and steel products, semimanufactured</i>			
1. Steel sheets	1913-23		
2. Steel ingots, blooms, billets, slabs	1899-1923		
3. Tinplate, terneplate, and taggers' tin	1899-1923		
4. Hoop, band, and scroll iron and steel	1913-23	1884-98	
5. Wire rods	1898-1923		
6. Iron and steel scrap	1897-1923	1896	
7. Iron bars	1879-1921, 1923		
8. Steel bars	1923		
9. Items 7, 8	1922		
10. Alloy steel bars	1922-23		
11. Items 8, 10	1898-1921		
12. Boiler plates	1922-23	1879-82	
13. Other plates, not fabricated	1922-23		
14. Iron and steel sheets, galvanized	1922-23		
<i>069^b Iron and steel products, semimanufactured (CONT.)</i>			
15. Iron sheets, black	1922-23		
16. Iron sheets and plates, galvanized	1913-21		
17. Iron sheets and plates, other	1913-21		
18. Steel plates	1913-21		
19. Pig iron, not con- taining alloys	1922-23		
20. Tungsten, manganese, and other ferro- alloying ores		1922-23	
21. Other ferro-alloys, except ferro- manganese and ferrosilicon		1922-23	
22. Items 19-21	1918-21		
23. Ferromanganese		1918-23	
24. Ferrosilicon		1918-23	
25. Items 22-24	1879-1917		
26. Items 16, 17	1897-1912		
27. Items 1, 18	1898-1912		
28. Items 5, 11	1897		
29. Items 27, 28	1879-83		
30. Items 4 and 26 or 12 and 31		1883	
31. Iron sheet, band, and hoop		1879-82	
<i>070^a Iron and steel products, manufactured</i>			
1. Railroad spikes	1913-23		
2. Rails, steel	1879-1923		
3. Wire, except barbed	1909-23		

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
<i>070^a Iron and steel products, manufactured (CONTR.)</i>			<i>070^a Iron and steel products, manufactured (CONTR.)</i>		
4. Barbed wire	1909-23		24. Augers and bits, woodworking	1918-23	
5. Cut nails	1889-1923		25. Files and rasps	1918-23	
6. Wire nails	1898-1923		26. Mechanics' and other tools, n.e.s.	1918-23 1913-17	
7. Bolts, nuts, rivets, and washers, except railway	1913-23		27. Items 24-26		
8. Axes	1913-23		28. Hinges and other builders' hardware	1913-23	
9. Saws	1899-1923		29. Stoves, ranges, and parts of	1913-23	1879-1912
10. Hammers and hatchets	1913-23		30. Railway track material	1913-23	
11. Shovels and spades	1913-23		31. Ship and tank plates, punched and pressed	1918-23 1918-23	
12. Locks	1913-23		32. Wood screws		
13. Structural iron and steel	1899-1923		33. Horseshoe nails		
14. Casing and oil pipe- line	1922-23		34. Other nails, incl. tacks		1922-23
15. Welded black pipe	1922-23		35. Items 33, 34		1922-23
16. Welded galvanized pipe	1922-23		36. Items 32, 35		1918-21
17. Malleable iron pipe fittings	1922-23		37. Woven wire fencing		1913-17
18. Items 14-17	1915-21		38. Wire rope		1913-23
19. Cast iron pipe	1922-23		39. Wire cloth and screening		1918-23
20. Cast iron pipe fittings	1922-23		40. Insulated iron and steel wire and cable		1922-23
21. Items 19, 20	1915-21		41. Other wire and manufs. of		1922-23
22. Items 18, 21	1899-1914		42. Items 39-41		1918-21
23. Table and kitchen cutlery	1913-23	1899-1909, 1912			

APPENDIX C

<i>070^a Iron and steel products, manufactured (CONTR.)</i>		
43. Irons 38, 42	1913-17	
44. Iron castings	1922-23	1918-21
45. Steel castings	1922-23	1922-23
46. Irons 44, 45	1879-1921	
47. Car wheels and axles	1889-1923	1922-23
48. Razors, straight blade	1920-23	1922-23
49. Razors, safety	1920-23	1922-23
50. Irons 48, 49	1913-19	1918-21
51. Safety razor blades	1922-23	
52. Scissors and shears	1922-23	1922-23
53. Other cutlery and parts of	1922-23	1922-23
54. Irons 51-53	1913-21	1918-21
55. Bathtubs	1913-23	1918-23
56. Closet bowls, lavatories, and sinks	1913-23	1922-23
57. Other household enamelware	1913-23	
58. Safes	1913-23	1922-23
59. Filing cases	1899-1923	
60. Other office furniture and fixtures	1922-23	1922-23
61. Irons 59, 60	1918-21	1922-23
62. Other metal furniture	1918-23	1922-23
63. Irons 61-62	1899-1917	1922-23
64. Heating boilers and radiators	1911-23	1922-23
65. Scales and balances	1879-1923	1918-21
66. Horseshoes	1913-23	1915-17
67. Irons 68, 69	1922-23	1915-23
68. Iron and steel forgings	1918-21	1913-14
		1884-1908
		1899-1912

(continued)

TABLE C-7 (continued)

<i>Export Class and Commodity Composition</i>	<i>Years</i>		<i>Export Class and Commodity Composition</i>	<i>Years</i>	
	Covered	Uncovered		Covered	Uncovered
<i>070^a Iron and steel products, manufactured (CONTR.)</i>	1884-1912		<i>070^a Iron and steel products, manufactured (CONTR.)</i>		1884-95
91. Items 12, 28		1898-1912	108. Item 103 plus cycles and parts of		
92. Items 1, 36		1899-1909, 1912			
93. Items 50, 54		1879-98, 1910-11	<i>071^a Machinery and vehicles, except automobiles</i>		
94. Items 23, 93		1911-12	1. Plows and cultivators	1879-99, 1913-23	
95. Items 7, 30, 37, 43, 55, 56, 57, 66, 88		1910	2. Planters and seeders	1913-23	
96. Items 64, 95			3. Hay rakes and tedders	1913-23	
97. Other iron and steel manufs. except hoop, band and scroll iron (Item 95 less 98)		1905-09	4. Mowers and reapers	1879-1923	
98. Hoop, band, and scroll iron		1899-1909	5. Cream separators	1913-23	
99. Other iron and steel manufs. except iron rails (Item 97 less 100)			6. Seed separators, threshers	1913-23	
100. Iron rails		1899-1904	7. Other agricultural machinery, exc. tractors	1922-23	
101. Items 9 and 90	1879-98	1879-1904	8. Tractors	1922-23	
102. Items 6 and 92			9. Items 7, 8	1913-21	
103. Items 13, 22, 58, 68 and 99		1889-97	10. Electric fans	1913-23	
104. Items 5 and 102	1879-88	1896-98	11. Electric lamps, incand., carbon filament	1913-23	
105. Items 89, 91, 108		1883	12. Electric lamps, incand., metal filament		
106. Other manufs. of iron, n.e.s.		1879-82	13. Generators and parts	1913-23	
107. Other manufs. of steel, n.e.s.		1879-82	14. Motors and parts	1913-23	

APPENDIX C

<i>071^a Machinery and vehicles, except automobiles (CONT.)</i>		
37. Windmills		1907-23
38. Railway cars; passenger (electric railway)		1922-23 1922-23
39. Mine cars		1898-1921
40. Items 38, 39		1913-23
41. Aircraft		1913-23
42. Aircraft parts, exc. engines and tires		1908-23
43. Motorboats	1900	1913-23
44. Carriages, coaches, and buggies		1913-23
45. Wheelbarrows		1922-23
46. Pushcarts and hand trucks		1922-23
47. Items 45, 46		1904-21
48. Station and ware- house motor trucks		1918-23
49. Parts of railway cars, exc. axles and wheels		1920-23
50. Other vehicles and parts of		1920-23
51. Items 49, 50		1918-19
52. Items 48, 51		1913-17
53. Elevators and ele- vator machinery		1913-23
54. Mining and quarrying machinery		1915-23
55. Oil well machinery		1915-23
56. Items 54, 55		1907-14
57. Textile machinery		1913-23
58. Shoe machinery, exc. sewing		1898-1923
<i>071^a Machinery and vehicles, except automobiles (CONT.)</i>		
15. Pumps and pump. machinery	1898-1912	
16. Railway cars, passenger (steam)	1913-23	
17. Railway cars, freight	1913-23	
18. Wagons and drays	1913-23	
19. Bicycles	1913-23	
20. Motor cycles	1913-23	
21. Cash registers	1901-23	
22. Sewing machines	1879-1923	
23. Steam engines, locomotives	1879-1923	
24. Electric locomotives	1913-23	
25. Machine tools	1918-23	
26. Other metalworking machinery	1918-23	
27. Items 25, 26	1898-1917	
28. Woodworking machinery exc. sawmill	1913-23	
29. Telephones	1913-23	
30. Engines, n.e.s., incl. kerosene	1918-23	
31. Engines, n.e.s. excl. kerosene	1913-17	
32. Insulated copper wire and cable	1914-23	
33. Transformers	1914-23	
34. Mechanical stokers and boilers	1918-23	
35. Incubators and brooders	1913-23	
36. Cotton gins and parts of	1913-23	

(continued)

TABLE C-7 (continued)

<i>Export Class and Commodity Composition</i>	<i>Years</i>		<i>Export Class and Commodity Composition</i>	<i>Years</i>	
	Covered	Uncovered		Covered	Uncovered
<i>071^a Machinery and vehicles, except automobiles (cont.)</i>			<i>071^a Machinery and vehicles, except automobiles (cont.)</i>		
59. Flour-mill and grist-mill machinery		1913-23	80. Items 75-78		1915-17
60. Sugar-mill machinery		1911-23	81. Items 73, 74, 80		1913-14
61. Paper and pulp-mill machinery		1913-23	82. Steam engines, stationary, exc. turbine		1913-23
62. Sawmill machinery		1913-23	83. Steam engines, marine, exc. turbine		1913-23
63. Brewing machinery		1911-23	84. Internal combustion engines, marine		1913-23
64. Refrigerating and ice-making machinery		1911-23	85. Internal combustion engines, auto and truck		1913-23
65. Air compressors		1913-23	86. Other engines, turbines, etc.		1918-23
66. Adding and calculating machines		1911-23	87. Item 86 and kerosene engines		1913-17
67. Typewriters	1897-1923	1914-23	88. Boiler tubes		1918-23
68. Power laundry machinery		1914-23	89. Other parts of boilers		1918-23
69. Other laundry equipment		1914-23	90. Items 34, 88, 89		1913-17
70. Items 68, 69		1900-13	91. Electric lamps except incandescent: arc		1913-23
71. Typesetting machines		1913-23	92. Telegraph, radio, and wireless apparatus		1913-23
72. Printing presses		1879-1923	93. Batteries		1914-23
73. Meters, gas and water		1915-23	94. Wiring supplies and fixtures		1914-23
74. Parts of cash registers		1915-23	95. Volt, watt, watt-hour, and other meters		1915-23
75. Concrete mixers		1918-23	96. Starting and con-trolling equipment		1918-23
76. Excavating machinery		1918-23			
77. Road making machinery		1918-23			
78. Other machinery, n.e.s.		1918-23			
79. Lawn mowers		1913-23			

APPENDIX C

<i>071^a Machinery and vehicles, except automobiles (CONTR.)</i>							
97. Domestic heating and cooking devices	1918-23						1879-1909 1898-1912
98. Spark plugs and other ignition apparatus	1918-23						1902-12
99. Carbons, brushes, and electrodes	1918-23						1910-12 1910-12 1902-09 1879-1901
100. Switches, switchboard panels, fuses, etc.	1918-23						
101. Other electrical apparatus	1918-23						
102. Items 96-101	1915-17						
103. Items 95, 102	1914						
104. Items 32, 33, 93, 94, 103	1913						
105. Items 1, 2, 3, 6, 9, less item 110		1899-1912					1908-12 1904-07 1899-1903
106. Items 28, 62		1904-12					
107. Items 16, 17		1910-12					
108. Items 5, 36, 53, 57, 59, 61, 65, 71, 79, 81		1898-1909					
109. Items 60, 63, 64, 66, 108	1911-12						1897 1879-96 1879-97
110. Tractors, exc. agricultural	1909-10						1879-98
111. Items 109, 110	1909-12						
112. Items 37, 56, 111	1907-08						
113. Items 106, 112	1904-06						
114. Items 21, 70, 113	1900-03						
115. Stationary engines and parts of	1898-99						
116. Items 117, 118	1879-1912						
117. Other engines, exc. fire engines	1910-12						
	1879-1909						1907-12
<i>071^a Machinery and vehicles, except automobiles (CONTR.)</i>							
118. Fire engines							
119. Items 13, 14							
120. Items 10-12, 29, 91, 92, 104							
121. Medical, optical, and scientific instruments							
122. Phonographs							
123. Items 121, 122							
124. Items 120, 123							
125. Bicycles and motor cycles							
126. Items 18, 41, 42, 44, 52							1896-1912
127. Items 43, 126							
128. Items 47, 127							
129. Item 105 less item 1							1879-98
130. Items 15, 27, 58, 114, 119							
131. Items 67, 130							
132. Items 40, 107							
133. Item 128 and automobiles							
<i>072^a Automobiles and parts</i>							
1. Items 2, 3							1899-1906, 1913-23
2. Motor vehicles: commercial and passenger							1907-12
3. Parts of automobiles, not incl. engines or tires							

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
073 <i>Chemicals and allied products, crude</i>			074^a <i>Chemicals and allied products, semimanufactured (CONTR.)</i>		
1. Phosphate rock: high grade hard	1913-23		10. Other fertilizers, n.e.s.	1922-23	
2. Phosphate rock: land pebble	1913-23	1913-23	11. Items 8-10	1921	
3. Other phosphate rock			12. Items 7, 11	1918-20	
4. Other gums and resins, n.e.s.		1922-23	13. Items 6, 12	1899-1917	
5. Items 1-3	1899-1912		14. Carboric acid	1918-23	
6. Items 8, 9	1889-98	1883-88	15. Nitric acid	1918-23	
7. Bark and extracts of, for tanning		1879-88	16. Acetic acid	1922-23	
8. Guano		1879-82	17. Boric acid	1922-23	
9. Manures other than guano		1879-82	18. Items 16 and 17 and other acids exc. picric	1918-21	
074^a <i>Chemicals and allied products, semimanufactured</i>			19. Other acids, incl. picric	1922-23	
1. Wood and denatured alcohol	1899-1923	1898	20. Picric acid	1918-21	
2. Acetate of lime	1899-1923	1898	21. Items 14, 15, 18, 20	1909-17	
3. Copper sulphate	1899-1923	1898	22. Coal-tar dyes, colors, and stains	1918-23	
4. Zinc oxide	1899-1923		23. Logwood extract	1918-23	
5. White lead, carbonate	1913-23		24. Other dye extracts	1918-23	
6. Superphosphates	1918-23		25. Items 22-24	1899-1917	1879-98
7. Sulphate of ammonia	1921-23		26. Calcium carbide	1910-23	
8. Prepared fertilizer mixtures	1922-23		27. Other dry colors, n.e.s., incl. mineral earths	1913-23	
9. Other nitrogenous fertilizers, n.e.s.	1922-23		28. Bone black, carbon and lampblack	1899-1923	
			29. Alcohol, exc. wood and denatured	1913-23	1898-1912

APPENDIX C

<i>074^a Chemicals and allied products, semimanufactured (CONT.)</i>			
30. Celluloid and manufs. of	1913-23	1898-1912	
31. Soda ash	1918-23		1902-12
32. Sodium silicate	1918-23		1909
33. Sal soda	1918-23		1902-08
34. Caustic soda	1918-23		1879-1908
35. Borax	1920-23		1901
36. Sodium bicarbonate	1920-23		1889-97
37. Other sodium compounds, n.e.s., incl. cyanide	1920-23		1898-1900
38. Items 35-37	1918-19		1884-97
39. Items 31-34, 38	1915-17		1884-88
40. Crude tar and pitch	1916-23		1884-88
41. Benzol	1918-23		1879-83
42. Chlorinated lime (bleaching powder)	1918-23		
43. Formaldehyde	1918-23		
44. Glycerin	1918-23		
45. Infants' food, malted milk, etc.			
46. Crude coal tar distillates, n.e.s.		1918-23	
47. Chlorate of potash		1918-23	
48. Bichromate of potash		1922-23	
49. Other potash, n.e.s.		1922-23	
50. Items 48, 49		1918-21	
51. Other chemicals, n.e.s.		1918-23	
52. Items 41-47, 50, 51		1915-17	
53. Items 39, 52		1913-14	
54. Sulphuric acid		1909-12	
55. Items 21, 54		1899-1908	
56. Item 53 and petrol-jelly		1910-12	
<i>074^b Chemicals and allied products, semimanufactured (CONT.)</i>			
57. Washing powder and fluid			1902-12
58. Items 26, 56			1909
59. Item 58 less 60			1902-08
60. Ashes, pot and pearl			1879-1908
61. Items 57, 59			1901
62. Items 1, 29			1889-97
63. Baking powder		1901-23	
64. Items 61, 63			1898-1900
65. Items 2, 3, 64			1884-97
66. Medicines			1884-88
67. Roots, herbs, etc.			1884-88
68. Items 65-67			1879-83
<i>075^a Chemicals and allied products, manuf.</i>			
1. Washing powder and fluid		1913-23	
2. Enamel paints		1922-23	
3. Other ready-mix paints		1922-23	
4. Items 2, 3		1913-21	
5. Varnishes		1879-1923	
6. Powder, smokeless and other		1879-1923	
7. Dynamite		1908-23	
8. Laundry and other soap exc. toilet or fancy		1879-1923	
9. Red lead and litharge		1918-23	
10. Other paints		1918-23	
11. Items 9, 10		1913-17	
12. Soap, toilet or fancy		1913-23	1879-1912

(continued)

TABLE C-7 (continued)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
<i>075^a Chemicals and allied products, manuf. (CONT.)</i>			<i>075^a Chemicals and allied products, manuf. (CONT.)</i>		
13. Coal tar medicinals		1922-23	29. Metal polishes		1916-23
14. Quinine sulphate and all alkaloïds or salts from cinchona bark		1922-23	30. Items 4, 11, and white lead and other dry colors	1899-1912	1899-1908
15. Antitoxins, serums, vaccines		1922-23	31. Stove polish		1899-1908
16. Other medicinal and pharmaceutical preparations		1922-23	32. Other blacking and polishes		1899-1908
17. Items 13-16		1922-23	33. Item 30 and carbon black and zinc oxide	1879-98	
18. Perfumery and toilet water		1889-1921			
19. Talcum and other toilet powder		1922-23	<i>076 Misc. items, covered</i>		
20. Creams, rouges, and other cosmetics		1922-23	1. Organs	1913-23	
21. Dentifrices		1922-23	2. Player pianos	1913-23	
22. Other toilet preparations		1922-23	3. Other pianos	1913-23	
23. Items 18-22		1922-23	4. Metallic pens, except gold	1913-23	
24. Items 31, 32		1922-23	5. Fountain pens	1913-23	
25. Fuses		1879-1921	6. Penholders	1913-23	
26. Explosive shells and projectiles		1879-98, 1909-23	7. Candles	1913-23	
27. Other ammunition, explosives, fire-works, etc.		1918-23	8. Phonographs	1915-23	
28. Items 25-27		1918-23	9. Matches	1916-23	
			<i>077 Misc. items, uncovered</i>		
			1. Cameras		1913-23
			2. Motion picture films, exposed		1913-23
			3. Motion picture films, sensitized, not exposed		1913-23

APPENDIX C

077	<i>Misc. items, uncovered (CONTR.)</i>		
	4. Other sensitized films, not exposed, incl.		1879-1923
	5. Other photo apparatus	1913-23	1879-1923
	6. Optical goods	1913-23	1899-1923
	7. Dental instruments and supplies	1913-23	1918-23
	8. Teeth	1913-23	1879-1917
	9. Surgical and medical instruments	1913-23	1908-23
	10. Surgical appliances, artificial limbs, etc.	1913-23	1913-23
	11. Scientific instruments and equipment	1913-23	1904-09, 1913-23
	12. Dolls and parts of	1918-23	1899-1923
	13. Mechanical toys	1918-23	1913-23
	14. Other toys	1918-23	1912-23
	15. Items 12-14	1912-17	1923
	16. Buttons, pearl or shell	1918-23	1915-23
	17. Other buttons	1918-23	1913-14
	18. Items 16, 17	1910-17	1911-23
	19. Brushes	1913-23	
	20. Athletic and sporting goods	1912-23	
	21. Roofing	1908-23	
	22. Gas lighting appliances	1918-23	
	23. Incandescent mantles	1918-23	
	24. Other lamps and lighting devices	1918-23	
	25. Items 22-24	1879-1917	
	26. Art works, painting, and statuary	1882-1923	
077	<i>Misc. items, uncovered (CONTR.)</i>		
	27. Clocks		1918-23
	28. Watches		1918-23
	29. Jewelry		1918-23
	30. Rifles, shotguns, and parts of		1879-1917
	31. Revolvers and pistols		1913-23
	32. All other firearms		1904-09, 1913-23
	33. Items 30-32		1904-20
	34. Cartridges, loaded		1913-20
	35. Perforated music rolls		1921-23
	36. Piano players		1904-09, 1913-23
	37. Other musical instruments		1899-1923
	38. Items 36, 37		1913-23
	39. Pencils		1899-1923
	40. Printers' and lithographers' ink		1913-23
	41. Typewriter ribbons		1899-1923
	42. Writing and other ink		1913-23
	43. Brooms		1912-23
	44. Sponges		1923
	45. Phonographs		1915-23
	46. Phonograph records		1913-14
	47. Items 45, 46		1911-23
	48. Household and personal effects		1922-23
	49. Manufs. of vulcanized fiber, incl. trunks		1912-21
	50. Manufs. of vulcanized fiber, excl. trunks		1889-98, 1912-21
	51. Bags and suitcases, incl. trunks		

(continued)

APPENDIX C

TABLE C-7 (concluded)

Export Class and Commodity Composition	Years		Export Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
077 Misc. items, uncovered (cont.)			077 Misc. items, uncovered (cont.)		
52. Bags and suitcases, excl. trunks		1922-23	68. Gelatin		1922-23
53. Umbrellas and parasols		1879-88, 1916-23	69. Items 35, 37		1904-12
54. Flowers, cut		1916-23	70. Items 36, 69		1879-1903
55. Dyeing and tanning materials, crude		1916-23	71. Items 15, 20		1884-1911
56. Notions		1916-23	72. Candles		1879-1912
57. Fire extinguishers		1916-23	73. Organs		1879-1912
58. Flypaper and fly traps		1916-23	74. Pianos, incl. player pianos		1879-1912
59. Plates and cuts, electrotype, half-tone, etc.		1916-23	75. Explosives, n.e.s.		1908-12
60. Paste and mucilage		1916-23	76. Items 34, 75 and dynamite		1879-1907
61. Shoe findings		1916-23	77. Items 19, 43		1889-1912
62. Billiard tables and accessories		1916-23	78. Items 1-5		1909-12
63. Paper clips, binders, etc.		1918-23	79. Items 7, 8		1909-12
64. Pipes and smokers' articles, n.e.s.		1922-23	80. Items 40, 42		1882-98
65. Other vegetable products, n.e.s.		1922-23	81. Item 29 and manufs. of gold and silver		1879-98
66. Coffee extracts, and substitutes		1922-23	82. Matches		1889-98
67. Other vegetable preparations		1922-33	83. Stereotype and electrotype plates		1889-98
			84. Ice		1879-98
			85. Ores, gold and silver bearing		1879-88
			86. Fancy articles, exc. toys and per-fumery		1884-88
			87. Items 71, 86		1879-83

* Price and quantity indexes and values presented for these classes in Tables C-1 through C-6.

APPENDIX C

NOTES TO TABLE C-7

Export Class

001

Items:

1. 1890-1923: BLS, Cattle, steers, good to choice.
1889: Aldrich, Beeves, live weight, Chicago.
1879-89: Aldrich, Beeves, good to prime, live weight, New York City.
2. 1890-1923: BLS, Hogs, good to choice, light butchers.
1889: Aldrich, Hogs, live weight, Chicago.
1879-89: Aldrich, Hogs, good to prime, live weight, New York City.
3. 1907-23: BLS, Lambs.
1890-1906: BLS, Sheep, native wethers.
1879-89: Aldrich, Sheep, good to prime, New York City.

003

Hay was separated from other vegetable foods because of differences in price behavior.

004

The series on green coffee begins with the inclusion of Puerto Rico in the U.S. customs area.

011

Before July 1882, commodities 5-7 were not listed separately in the published quarterly and monthly trade statements, but fiscal year annuals were available. We used these to estimate quarterly values by assuming that the ratio of these commodities to "all other articles" remained constant throughout each fiscal year. We obtained quarterly quantities from the published fiscal annual quantities by interpolating the unit values, using import unit values for lard as a guide.

013

Items:

1. Unit values were extrapolated back from fiscal 1887 by Bezanson price of salmon, Halifax.
5. Herring, salted or dry-cured was used as a covered item, 1915-23, when almost all of it consisted of shipments from New York to Latin America and the unit values moved similarly to BLS and WIB prices. Shipments in 1913-14 were mainly from the State of Washington to the Far East and at much lower unit values. We considered these to be non-comparable with later years and treated the item as uncovered.

014

Items 16 and 17 equal items 7-15.

018

Items:

6. BLS file, unpublished series, Peaches, cannery.
7. BLS file, unpublished series, Pineapples, cannery.

021

Items:

3. 1916-23: BLS price of pepper, black, Singapore, 1918 annual through 1923, extrapolated to 1918 quarterlies and 1916 by unweighted average of WIB prices for cassia, cloves, ginger, nutmeg, and black pepper, Singapore.
1884-88: Unweighted index of cloves and cassia from Bezanson, and nutmegs and Singapore pepper from Aldrich report.
4. Laspeyres price index of import unit values of coffee and cocoa with 1902 export weights.
5. Laspeyres price index combining price indexes used for items 3 (1884-88) and 4 (1884 weights).

APPENDIX C

NOTES TO TABLE C-7 (continued)

024

To a considerable extent, 1879-89 based on outside price data. Export unit values for alcoholic beverages became very erratic after 1918-19. The methods of obtaining them (shown below) are crude, but preferable to leaving a fairly large item incompletely covered or leaving the whole group uncovered from 1913 on.

Items:

1. 1919 export unit value extrapolated to 1920 by unit value of exports to all countries except Canada and China; to 1921 by unit value of exports to Canada, and to 1923 by the Canadian import unit value for imports of rum from the United States.
2. First half of 1919 export unit values extrapolated to 1923 by U.K. annual export unit values of spirits.
3. BLS price for bourbon, straight, four years in bond, in barrels, used for 1913 through first quarter of 1919. These were extrapolated to the rest of 1919 by U.S. export unit values and to 1920, 1921, and 1923 by U.K. export unit values of spirits.
5. U.K. annual export unit values for spirits.
13. Price per gallon of "whiskey, 32 u.p." in Toronto from *Statistical Contributions to Canadian Economic History*, Vol. II by K. W. Taylor and H. Michell, Toronto, 1931. The movements of this series followed closely those of the unit values of the main U.S. export item, bourbon, in the rest of this period.

026

To a considerable extent, 1879-98 based on outside price data.

Items:

3. BLS, smoking tobacco.
6. BLS, smoking tobacco.
7. 1889-97: Index of BLS, smoking tobacco, weighted 1 and BLS, tobacco, plug, smooth, weighted 3, 1890 to 1897. This was extrapolated back to 1889 by Aldrich, tobacco: plug, navy, best grade.
1884-88: Aldrich, tobacco: plug, navy, best grade.
8. Index of Aldrich, tobacco: plug, navy, best grade and same, medium grade, and low grade, weighted equally.

027

To a considerable extent, 1879-89 based on outside price data.

Item:

8. 1890-94, BLS, hides: steer, green salted.
1879-89, Aldrich, hides: green salted.

028

To a considerable extent, 1879-1910 based on outside price data.

Items:

3. Prices for first and second quarters of 1920 were estimated from the unit value for the first half of 1920 and prices for 1919 were extrapolated from 1920, both by use of the average of patent chrome side upper leather and smooth black chrome side-upper leather prices from Federal Trade Commission, *Report on Shoe and Leather Costs and Prices*, June 10, 1921. Prices for 1913-18 and earlier years from WIB, cattle, side-upper leather, patent chrome.
12. Prices for 1911 and 1912 are unit values for commodity 1. of this class.
22. 1908-10: BLS, calf, chrome, range of first commercial grades;
1890-1907: calf, wax, 30-40 lbs. to doz.;
1884-89: Aldrich, leather: calfskins, tanned and dressed, domestic, No. 1.
26. Combination of Aldrich, upper leather and sole leather prices.
27. Base price derived by extrapolating unit values by index used for item 26.

029

Items:

6. WIB prices for leather belting, 1913-18, extrapolated to 1919 quarterly, by

APPENDIX C

NOTES TO TABLE C-7 (continued)

BLS, men's shoes, vici calf. To obtain a base year price, the 1919 unit value is extrapolated to 1920 by the same BLS series, and from 1920-23, by export unit values for leather belting.

15. Interpolated between export unit values for 1896 and 1903 by an unweighted average of four BLS shoe prices.

030

Based to a considerable extent on outside price data. Quarterly indexes are largely interpolated.

Items:

1. Prices are a Laspeyres index (with 1923 weights derived from export values) of prices of skunk, muskrat, and opossum from *Fur News Magazine*, Columbus, Ohio. The source gave data for only the first and fourth quarters of each year, figures for the intervening quarters were interpolated.
2. 1907-12: Same index as for item 1.
1899-1907: To extrapolate the above index we used a Laspeyres index of Canadian prices of muskrat and skunk, still with 1923 U.S. export value weights. It seems likely that both of these indexes for 1899-1913 overweight skunk, whose price was increasing faster than that of the other furs.
1889-98: Unweighted index of prices of beaver, red fox, muskrat, raccoon, and skunk, from *Fur Trade Review*, New York, extrapolated by prices for the same furs from Bezanson.
1879-89: Unweighted index of Bezanson prices for beaver, red fox, gray fox, muskrat, raccoon, and skunk.

032

Based to a considerable extent on outside price data. Quarterly indexes were largely interpolated.

Items:

1. 1913-23: U.S. farm price of horses, U.S. Department of Agriculture, *Yearbook of Agriculture*, 1924, p. 985.
1899-1913: For 1899-1907, the price of draft horses at Omaha (USDA, *Yearbook*, 1907). The calculated calendar year 1907 average price was extrapolated to calendar year 1910 by the average farm price of horses two years and older, and for quarterly 1910-13, was extrapolated from calendar 1910 by average farm prices of all horses, from the 1924 USDA *Yearbook*. For 1908-09, first quarter prices were estimated by interpolating between first quarter 1907 and first quarter 1910 by the average value of all horses on farms, January, from the 1911 USDA *Yearbook*. The remaining quarters of 1908-09 were filled in by straight line interpolation.
1889-99: Omaha price of horses for 1897 to 1899. First quarter figures were extrapolated back to 1889 by average price of horses on farms in the U.S. and remaining quarters were interpolated on a straight line between Januaries.
5. 1915-21, 1923: Average prices of mules, St. Louis, USDA *Yearbook*, 1916, 1918, 1920, 1921, 1924.

033

Based to a considerable extent on outside price data.

Items:

5. Price of whale oil, crude no. 1: Av. price per pound, sellers' tanks, f.o.b. Pacific coast. Compiled from the *Oil, Paint, and Drug Reporter* and published in U.S. Dept. of Agriculture, Statistical Bulletin No. 59 (May 1937), *Fats, Oils, and Oleaginous Raw Materials—Production, Prices, Trade, Disappearance in the U.S., 1912-35 and Available Data for Earlier Years*. We used the Pacific Coast price because most of the whale oil was exported from West Coast ports.
14. Grease, white, average price per pound in tierces, New York. Same source as item 5.
16. Same as item 14.

APPENDIX C

NOTES TO TABLE C-7 (continued)

21. 1899-1912: BLS price for tallow, New York, extrapolated by Aldrich, tallow.
1884-88: Aldrich price of tallow.

034

Based to a considerable extent on outside price data.

Items:

1. Prices are cod oil, Newfoundland tanked: av. price per pound in barrels, New York, compiled from the *Oil, Paint, and Drug Reporter* and published in U.S. Dept. of Agriculture, Statistical Bulletin No. 59, *Fats, Oils, and Oleaginous Raw Materials*.
2. Prices are Menhaden oil, light, refined: av. price per pound, in barrels, New York, compiled from the *Oil, Paint, and Drug Reporter* and published in the same source as above.
3. Unit values extrapolated from 1920 to 1921 and 1923 by price of cod oil (see item 1).

035

To a considerable extent, 1899-1906 based on outside price data.

Item:

2. 1907 annual unit value extrapolated back to 1899 by BLS, rubber, Para Island, fine.

036

The 1913-23 period is based on outside price data to a considerable extent.

Items:

- 1 and 2. BLS, automobile tires, fabric.

038

Item:

8. 1913-19 and 1923. Price index composed of coconut oil, weighted four times and soya bean oil weighted once. Weights were taken from earliest available values, those for the last half of 1919. Prices were from WIB and BLS.

040

Item:

5. Unweighted index of prices of chestnut extract, hemlock extract, and oak extract, from the *Oil, Paint, and Drug Reporter*.

041

Item:

6. Unweighted average of Bezanson prices of bergamot, cassia, and lemon oil, on 1889 base.

043

Item:

4. Unit values extrapolated from 1918 to 1913-17 by BLS, cotton, yarn, white, mule-spun, northern, cones, 22/1.

044

Items:

14. Index composed of BLS underwear: men's, cotton drawers and shifts, flat fleece; and BLS underwear: women's cotton union suits, weighted equally with 1923 as base.
18. Index composed of underwear price index used for item 14, weighted once, and hosiery index weighted five times. The hosiery index is a combination of BLS, hosiery: cotton, men's; BLS, hosiery: cotton, women's mercerized; and BLS, hosiery: cotton, women's, rib top.
57. BLS, Cotton yarns: corded, white, mule-spun, northern, cones, 22/1.

045

The 1884-1909 period is based on outside price data to a considerable extent.

Items:

- 2-6, and 8. BLS, rope: manila, 1st grade, $\frac{3}{4}$ " and large.

APPENDIX C

NOTES TO TABLE C-7 (continued)

9. BLS, jute: raw, native firsts, actuals, extrapolated back from 1890 by Aldrich, jute, raw.
45. Export unit values for binder twine (item 1.) extrapolated back from 1910 to 1890 by BLS, rope, and to 1879-89 by export unit values of cordage (item 7.).

046

Based to a considerable extent on outside price data.

Item:

1. Data are not available for 1900-16. Quantities for 1916-23 are estimated from an index composed of BLS prices of wool: Ohio, fine, clothing, unwashed; and wool: Ohio, $\frac{1}{4}$ and $\frac{3}{8}$ grades, unwashed (med. grade), weighted equally, on a 1923 base. Quantities for 1889-99 are estimated from an index of the same two prices, on an 1899 base, extrapolated to 1889 by Aldrich price for wool: Ohio, fine fleece, scoured; and wool: Ohio, med. fleece, scoured. No quantities were estimated for 1879-88.

048

Based to a considerable extent on outside price data.

Items:

- 1-4. 1913-23: Quantities derived from a price index composed of BLS series for, overcoating: heavy; suiting: serge, 11 oz.; suiting: clay worsted, diagonal 16 oz.; uniform serge: wool-dyed, blue, 55-56", 16 oz.; suiting: serge, 9 $\frac{1}{2}$ oz., 55-57"; dress goods: women's broadcloth; dress goods: storm serge, all wool, double wrap. These were weighted equally, with 1923 as a base.
4. 1899-1913: Quantities derived from a price index composed of BLS series for overcoating: soft faced, black, 24 oz.; suiting: serge, 11 oz., 56-58"; suiting: clay worsted, diagonal, 16 oz.; uniform serge: all wool, indigo blue, 14 oz., 54"; suiting: serge, 9 $\frac{1}{2}$ oz., 55-57"; dress goods: women's, cashmere, cotton warp; dress goods: Panama cloth, 50". These were weighted equally, with 1913 as a base.
- 1892-99: Quantities derived from price index composed of BLS series for suiting: serge, 11 oz., 56-58", weighted twice; uniform serge: all wool, indigo blue, 14 oz., 54", weighted twice; dress goods: women's, cashmere, cotton warp, weighted once; and dress goods: Franklin sackings, 54", weighted once.
- 1890-91: Quantities derived from price index composed of BLS series for uniform serge: all wool, indigo blue, 14 oz., 54", weighted four times and the two series for dress goods used for the succeeding period, weighted once each.
- 1889: Quantities derived from Aldrich series for suiting: flannel, all wool, indigo blue, 6-4 Assabet, weighted six times; women's dress goods: all wool, ladies' cloth, 25", Assabet, opera, weighted once; and women's dress goods: all wool, ladies' cloth, 6-4, Assabet, weighted once.

049

Based to a considerable extent on outside price data.

Items:

1. BLS, hosiery: silk, women's, 39-42 gauge, full-fashioned, 7 thread.
11. 1913-17: Quantities estimated from index composed of WIB prices weighted by 1918 and 1922 export values. The price series used, and their weights, were as follows:

<i>Price Series</i>	<i>Weight</i>
Average of 3 series for ladies' hose	Fiscal 1918 export value, wearing apparel.
Average of 23 series for broad silk	Fiscal 1918 export value, broad silk dress goods.
Spun silk yarn, domestic, 60/1; and spun silk yarn, domestic, gray spun, 60/2, No. 1	Fiscal 1918 export value, other manuf. of silk multiplied by $\frac{1}{2}$ of the 1922 ratio of export values of thrown silk, spun silk, etc. to export values of other manufs. of silk.

APPENDIX C

NOTES TO TABLE C-7 (continued)

<i>Price Series</i>	<i>Weight</i>
Average of 2 velvet series, and average of 3 plush series	Fiscal 1918 export value, other manuf. of silk, multiplied by $\frac{1}{3}$ of the 1922 ratio of export values of velvets, plushes, etc. to other manuf. of silk.
Average of 2 ribbon series	Fiscal 1918 export value, other manuf. of silk, multiplied by 1922 ratio of export values of ribbons exc. velvet and plush to other manuf. of silk.
Average of 2 thread and embroidery silk series	Fiscal 1918 export value, other manuf. of silk, multiplied by 1921 ratio of export values of sewing, embroidery, crochet silk to other manuf. of silk.

053

Based to a considerable extent on outside price data.

Items:

2. Price index for wooden chairs composed of BLS, bedroom chairs: all gum, cane seat, weighted four times; BLS, bedroom chairs: bedroom rockers, quartered oak, weighted twice; and BLS, dining room chairs: set of six (composite), weighted fourteen times.
3. Price index for other wood furniture composed of BLS, kitchen tables, weighted once, and BLS, bedroom sets, weighted six times.
4. 1913-17: Combination of index for item 2, weighted once and index for item 3, weighted twice.
1899-1912: Price index composed of BLS, chairs: bedroom, weighted twice; BLS, bedroom sets, weighted twelve times; BLS, kitchen chairs, weighted once, and BLS, kitchen tables, weighted twice.
1889-98: Price index composed of BLS, bedroom chairs, maple, cane seat, N.Y., weighted twice; BLS, kitchen chairs, weighted once; BLS, kitchen tables, weighted twice; and BLS, bedroom sets, weighted twelve times. BLS series were extrapolated from 1890 to 1889 by corresponding Aldrich report series.
1879-88: Price index composed of four Aldrich report series, weighted equally. The series were: bedroom set, painted, five pieces; chairs, bedroom, maple, cane seat; chairs, kitchen, common spindle; tables, kitchen, pine, 3 $\frac{1}{2}$ foot.
5. 1890-1923: BLS, doors, ponderosa pine.
1884-89: Aldrich report, doors, pine, un moulded.

055

The 1889-1910 period is based on outside price data to a considerable extent.

Items:

9. Price index composed of envelopes, manila writing paper, medium writing paper, good writing paper, and medium bond paper, weighted equally, on 1922 base. Data are originally from *Paper Trade Journal*, quoted in U.S. Tariff Commission, *Tariff Information Survey, Paragraphs 326 and 327 of 1913* (1922).
10. Price index composed of BLS series for boxboard: chip, no. 90 to 50; boxboard: chip, manila lined, single; boxboard: liner, 85 lb. test; and, for 1918 to 1923, boxboard: manila lined, chip. All are weighted equally, on a 1923 base.
34. Price index composed of BLS, newsprint, weighted six times, and three book paper prices weighted once each. The book paper prices, which were compiled from the *Paper Trade Journal*, are for book paper, sized and super calendared, book paper, machine finish, and book paper, lithographing.

059

Quarterly indexes are largely interpolated.

The published export unit values for total crude petroleum could not be used for the last two periods, because they contain a strong downward bias which is due to the shift from high-quality, high-priced Pennsylvania crude to the cheaper crudes of

APPENDIX C

NOTES TO TABLE C-7 (continued)

other regions. This phenomenon has been noted before in studies of mining output. For example, Harold Barger and Sam H. Schurr, in *The Mining Industries, 1899-1939: A Study of Output, Employment and Productivity* (NBER, New York, 1944, p. 191), separated Pennsylvania-grade oil from all other for the period 1899-1919 for this reason. Spencer and Wardwell in U.S. Bureau of the Census, *Raw Materials in the U.S. Economy: 1900-52*, Bureau of the Census Working Paper No. 1, Washington, D.C., 1954, p. 71, calculated that adjusting for the shift from Pennsylvania-grade crude between 1900 and 1925 would cut the growth of the index of petroleum output almost in half.

No data on the origin of crude petroleum exports are available to measure the shift, but its effects are observable: the unit value of crude petroleum exports fell by 25 per cent between 1902 and 1923, while the export unit value of illuminating oil, the BLS price of refined petroleum, for export, and the BLS price of Pennsylvania crude all rose by 40 per cent or more.

While there is no direct link between production and export data, we did find that the shift away from Pennsylvania-grade petroleum was reflected in a shift in customs area of shipment of crude petroleum exports. From East Coast districts, which were the natural outlets for Pennsylvania petroleum, and which had virtually a monopoly of crude exports in 1902, the trade shifted to Great Lakes, Pacific, and Gulf Coast districts. The hypothesis that this shift in port of export reflected a shift in origin was reinforced by the observation that unit values of crude exports from East Coast ports were considerably higher than the others. We attempted to correct for this bias by treating exports from each major area as a separate commodity, and then combining all of them in a Fisher "ideal" price index for the 1902-23 period. There were probably some shifts in the origin of crude petroleum exports before that, since the Lima-Indiana field became important in output as far back as the late 1880's. But we could not extend our procedure back any further because practically all exports went through East Coast ports before 1902. It is possible that Pennsylvania-grade crude maintained its dominance in exports longer than in domestic production for transportation reasons.

One possible indication of bias in the two earlier periods is the sharp fall, particularly between 1879 and 1893, in the margin between the export price of crude petroleum and the price (at the field) of Appalachian crude. This fall, however, may have been due to other factors, such as a decline in transportation cost; this is supported by the fact that there was a considerable fall also in the margin between the field price of Pennsylvania crude and the price at East Coast ports of refined oil for export.

Our index for 1902 to 1923 was an annual one, because the port data are not available quarterly. We converted the index to quarterly form by a freehand interpolation using the fluctuations of the original export unit values of crude and refined petroleum.

For 1879-98, unit values were used as published.

063

- Item:
2. BLS price of gravel.

064

The 1899-1923 period is based on outside price data to a considerable extent.

Items:

1. Price index for 1918-23 composed of four BLS series weighted equally: fruit jars, quart, self-sealing; fruit jars, pint, self-sealing; fruit jars, quart, mason; and milk bottles, quart size. This index was extrapolated back to 1913 by WIB, glass milk bottles.
2. For 1899-1912, BLS price for glass, window, single B, 25" bracket. The same series was used for 1913-14 to extrapolate back the 1915 annual export unit value.

APPENDIX C

NOTES TO TABLE C-7 (continued)

4. 1911-12: Average value per unit of fire bricks, from U.S. Interior Dept., *Mineral Resources of the U.S., 1912 and 1913*.
 5. 1913-23: BLS price for roofing slate.
1899-1913: Annual data for average value per unit of roofing slate from U.S. Interior Dept., *Mineral Resources of the U.S., 1913*. We estimated quarterly prices by a freehand interpolation of these annual unit values.
 6. 1899-1912: BLS, brick: red, common building, domestic.
 7. BLS and WIB prices for hollow building tile.
 8. BLS, salt, American, medium.
 9. BLS, tumblers, table, price per dozen, f.o.b. factory.
 27. Index composed of two WIB series: dinnerware sets, best commercial grade; and dinnerware sets, decorated in cheap standard treatments, weighted equally. The 1918 price was extrapolated to 1923 by BLS, plates: white granite.
- 066
- Items:
2. Unit values of 3 and 6 used.
 10. BLS prices for brass sheets.
 - 19, 20, 25. BLS prices for aluminum: 98-99 per cent.
- 067
- The 1913-23 period is based on outside price data to a considerable extent.
- Items:
1. BLS price for brass sheets.
 - 5 and 6. Unit values for Items 6-8, class 066 were used.
- 068
- The 1899-1912 period is based on outside price data to a considerable extent. Import quantities and unit values are used for the period from 1913 to 1923, but for the years 1899 to 1912, we used the price of iron ore, mesabi, non-Bessemer, from the *Iron Trade Review*.
- 069
- Items:
3. 1899-1903: BLS prices of tinplate, domestic, coke, at New York.
 10. Price of steel bars, quarterly averages, from American Metal Market, *Metal Statistics, 1938*, New York, 1938.
- 070
- Based to a considerable extent on outside price data.
- Items:
2. 1879-88: Prices of steel rails, at works in Pennsylvania, from U.S. Commissioner of Labor, *Sixth Annual Report*, 1890.
 9. BLS price for saws: crosscut, Champion, 6 ft., f.o.b. factory.
 10. BLS price for hammers: 1½ lbs., f.o.b. New York.
 11. BLS price for shovels: Ames, No. 2.
 12. BLS price for locks: common mortise.
 13. 1913-23: BLS prices for structural steel: structural shapes, beams, etc., 3" to 15", f.o.b. mill.
 22. Unit values extrapolated back from 1906 to 1899-1905 by annual BLS series for cast iron pipe, lagged one year. Quarterly prices were estimated by a freehand interpolation.
 23. 1913-23: BLS prices for knives and forks: cocobolo handles.
 24. BLS price for augers: regular, 1-inch.
 25. BLS price for files: 8-inch mill, bastard.
 26. Price index composed of equally weighted BLS series for planes, trowels, vises, and chisels, on 1923 base.
 27. Price index composed of equally weighted BLS series for planes, trowels, vises, chisels, augers, and files, on 1923 base.

APPENDIX C

NOTES TO TABLE C-7 (continued)

28. Price index for 1918-23 composed of equally weighted BLS series for knobs: door; and butts, wrought iron, on a 1923 base. This is linked at 1918 to an index for 1913-17 on a 1918 base, composed of equally weighted WIB series for butts: wrought iron; hinges: spring hold back; lock sets; knobs: door; and hooks and eyes.
29. Price index composed of equally weighted BLS series for stoves: cooking, coal; stoves: cooking, gas, and stoves: cooking, oil.
30. For 1915-23, annual price index for "other track materials" from Engineering News-Record, *Construction Costs, 1935 edition*, p. 23. We extrapolated this index back to 1913 by an index made up of equally weighted prices for No. 9 Eureka spring frog, split switch, No. 9 rapid frog, and Positive rail anchors, from Presidents' Conference Committee, Western Group Office, *Material and Labor Index Numbers* (1927). Quarterly price indexes were estimated from these annual ones by a freehand interpolation.
90. Price index composed of equally weighted BLS series for planes, trowels, vises, chisels, shovels, augers, files, and hammers, on a 1913 base.
91. 1899-1912: Price index composed of equally weighted BLS series for knobs: door; locks: common mortise; and butts, on a 1913 base.
1889-98: Same as 1899-1912, but on an 1899 base, extrapolated from 1890 to 1889 by corresponding Aldrich series.
1884-88: Price index composed of equally weighted Aldrich series for door knobs, locks, and butts, on an 1889 base.
101. 1889-98: Price index composed of equally weighted BLS series (extrapolated from 1890 to 1889 by corresponding Aldrich series), for planes, trowels, vises, chisels, shovels, augers, files, hammers, and saws, on an 1899 base.
1879-88: Price index composed of equally weighted Aldrich series for same items as 1889-98, on an 1889 base.

071

Most of the coverage was achieved by the use of outside price data rather than by using the published quantity data from Commerce and Navigation reports. Since most of the price data were available only annually, we did not attempt to use available quarterly series. Instead, we computed only annual price indexes and converted them (by a freehand interpolation) to quarterly indexes. The latter were used only for combining with other groups.

Items:

1. 1913-23: Price index composed of the average of six BLS series for cultivators, weighted once, and the average of twenty BLS series for plows, weighted five times, with 1923 as a base.
1879-99: Our first step was the computation of a price index on a 1900 base for the years 1895, 1890, and 1880, from data in George K. Holmes, *Course of Prices of Farm Implements and Machinery for a Series of Years*, Department of Agriculture, Division of Statistics, Miscellaneous Series, Bulletin 18, 1901. This index was an equally weighted combination of a price index for plows, composed of 72 series for individual types, and a price index for cultivators, composed of 19 series. The second step was to interpolate this index between 1880 and 1900 and extrapolate to 1879 by an annual price series for plows given in T. S. Adams, *Prices Paid by Vermont Farmers for Goods and Services and Received by Them for Farm Products, 1790-1940; Wages of Vermont Farm Labor, 1780-1940*, Vermont Agricultural Experiment Station, Bulletin 507, February 1944.
2. Price index composed of price of planters (average of two BLS series), weighted once, and price of grain drills (average of four BLS series), weighted five times, on a 1923 base.
3. Average of six BLS series for rakes, weighted equally, on a 1923 base.
4. 1913-23: Average of three BLS series for mowers, weighted equally, on a 1923 base.

APPENDIX C

NOTES TO TABLE C-7 (continued)

- 1899-1913: For 1911-13 we used the index of prices paid by farmers for farm machinery except tractors, from Department of Agriculture, Bureau of Agricultural Economics, *Income Parity for Agriculture*, Part III, 1939. We extrapolated this back to 1903 by an index made up of equally weighted price relatives, on a 1911 base, for the following items: Deere grain binder, 6 ft., 7 ft., and 8 ft.; International Harvester grain binder, 5, 6, 7, and 8 ft.; Deere corn binder; International Harvester corn binder; Deere mower, 5 ft. regular, 5 ft. vertical, and 6 ft.; and International Harvester mower. These data were from U.S. Bureau of Corporations, *The International Harvester Company*, 1913. We then extrapolated the index back to 1899 by an equally weighted average of series for mowing machines and plows from Adams, *Prices Paid by Vermont Farmers*.
- 1879-99: Indexes covering 1895, 1890, and 1880 on a 1900 base for mowers (composed of twelve series, equally weighted) and for reapers (composed of seven series, equally weighted) were constructed from data in Holmes, *Prices of Farm Implements* and were combined, again with equal weights. We then interpolated between 1880 and 1900 and extrapolated to 1879 by the price series for mowing machines from Adams, *Prices Paid by Vermont Farmers*.
5. Average of three BLS price series for cream separators.
 6. Average of two BLS price series for threshers.
 7. Price index composed of: (1) An average, weighted three times, of thirteen BLS series for harrows and manure spreaders; (2) an average, weighted three times, of one BLS series for grain binders, three series for corn binders, one series for hay loaders (itself an average of three), one series for potato diggers (itself an average of two), three series for ensilage cutters, and one series for a cornpicker-husker; (3) an average, weighted once, of four BLS series for milking machines; (4) an average, weighted three times, of two BLS series for spraying outfits and four series for wagons.
 8. An equally weighted average of seven BLS tractor series.
 9. An index composed of all the series used for item 7, with the same weights, combined with the index used for 8, weighted twice.
 13. Price index for turbogenerators from William W. Handy, *The Yardstick of Public Utility Operations and Construction Costs*, Baltimore, 1929.
 14. Price index for motors from *ibid.*
 15. Price index for pumps from *ibid.*
 16. ICC index of price of passenger train cars, 1915-23, published in *Railway Age*, July 25, 1936, Vol. 101, No. 4, extrapolated back to 1913 by corresponding index from Presidents' Conference Committee, Eastern Group Pamphlet 138-6, *Trend of Prices for Locomotives, Freight and Passenger Train Cars and Floating Equipment*, August 15, 1930.
 17. ICC index for freight train cars extrapolated by PCC index (see item 16).
 18. BLS price for wagons, 2-horse, with bed, no brake-composite.
 19. Value per unit of bicycles produced in the U.S., 1914, 1919, 1921, and 1923 interpolated by export unit values for motorcycles. Bicycle prices are Census of Manufactures data reproduced in Solomon Fabricant, *The Output of Manufacturing Industries, 1899-1937*, NBER, New York, 1940, p. 590.
 22. 1913-23: BLS price for sewing machines, foot treadle.
1879-1913: Canadian import unit values for sewing machines from the U.S., centered to approximate calendar year figures. Data are from various issues of the *Canada Yearbook*, the *Report of the National Revenue Department of Canada*, and the *Sessional Papers of the Canadian Parliament*.
 23. 1913-23: ICC index for steam engines extrapolated to 1913 by PCC indexes (see note to item 16).
1899-1913: Export unit values, 1899 to 1910, extrapolated to 1913 by PCC index.
 24. ICC index for locomotives other than steam, 1915 to 1923, extrapolated to 1913 by PCC index for steam locomotives.

APPENDIX C

NOTES TO TABLE C-7 (continued)

25. Machine tool price index from Presidents' Conference Committee, Western Group Office, *Materials and Labor Indexes*, p. 61.
26. ICC index of railroad shop machinery costs.
27. For 1900 to 1917 and 1923, price index for shop machinery and machine tools, equally weighted. The index for shop machinery is the ICC index extrapolated back from 1915 by the Presidents' Conference Committee series, published in Presidents' Conference Committee, Eastern Group Pamphlet 314, *Trend of Cost of Shop Machinery*, Jan. 1926. The machine tool price index is from the source listed for 26. For 1898 and 1899, this index was extrapolated back by the shop machinery price index alone.
28. Index of the cost of woodworking machinery, from same source as item 25.
29. Price index for "substation apparatus" from Federal Communications Commission, *Telephone Investigation, Special Investigation Docket #1, Exhibit #2091, Western Electric Co. Profits and Price Trends*, June 14, 1937, p. 270.
- 30 and 31. Price index composed of the following BLS series for engines, on a 1923 base: 3 hp single cylinder, horizontal hopper cooled, weighted once; less than 5 hp hopper cooled, weighted once; 5-10 hp inclusive, weighted twice; more than 10 hp weighted six times.
32. Index composed of four equally weighted price series for insulated wire and cable from Handy, *Yardstick*.
33. Price index for power transformers from *ibid*.
34. Price index for boilers from *ibid*.
67. Canadian import unit values for typewriters from the U.S., centered to approximate calendar years. For sources, see item 22.
105. For 1911-12, index of prices paid by farmers for farm machinery other than tractors, from Department of Agriculture, Bureau of Agricultural Economics, *Income Parity for Agriculture*, Part III, 1939. We extrapolated this series back to 1903 by an unweighted average of prices for rakes, tedders, disk harrows, and manure spreaders, from U.S. Bureau of Corporations, *The International Harvester Company*, 1913, and from 1903 back to 1899 using an unweighted average of the Adams series for mowing machines and plows (see notes to item 1).
106. PCC index of the cost of woodworking machinery. For source, see item 25.
107. A combination of PCC indexes for freight cars, weighted five times, and passenger cars, weighted once. For source, see item 16.
125. Canadian import unit values for bicycles from the U.S. centered to approximate calendar year figures. For source, see item 22.
129. Price index for 1895, 1890, and 1880 on a 1900 base, composed of equally weighted series for harvesters, tedders, and rakes, from Holmes, *Prices of Farm Implements*. This index was interpolated between 1880 and 1900 and extrapolated to 1879 by a price index for farm machinery other than motor vehicles from Adams, *Prices Paid by Vermont Farmers* which is itself extrapolated from 1881 back to 1879 by the Adams series for plows.

072

Based to a considerable extent on outside price data. Quarterly indexes are largely interpolated.

Items:

1. 1913-23: BLS index for passenger automobiles.
1. 1899-1906 and 2, 1907-12: The annual index for the periods was constructed in several segments as follows:
 - 1910-13: Index composed of prices of Ford 4.22 hp, weighted four times; Buick-7 passenger, weighted twice; Buick-5 passenger, weighted twice; and Overland 4.18 hp, weighted once. Prices are from U.S. Tariff Commission, *Tariff Information Surveys, Automobiles, Bicycles, Motor Cycles, and Axles*, GPO, 1921.
 - 1909: Index for 1910 extrapolated back to 1909 by price of Ford Model T touring car (same one used for 1910-13) from Federal Trade Commission, *Report on the Motor Vehicle Industry*, p. 632, quoting U.S. Board of Tax Appeals Reports, Vol. 11, p. 1116.

APPENDIX C

NOTES TO TABLE C-7 (continued)

1904-08: We constructed a Fisher "ideal" index for 1904 on a 1909 base for open passenger cars: 2-door, and open passenger cars: 4-door, using Census of Manufactures data on unit values of cars produced in the U.S. as quoted in Solomon Fabricant, *The Output of Manufacturing Industries, 1899-1937*, NBER, New York, 1940. We then interpolated this index between 1904 and 1909 by an equally weighted combination of our indexes for mowers and reapers (item 4, class 071) and other agricultural machinery (item 105, class 071).

1900-03: The index for 1904 was extrapolated back to 1900 using the unit value of passenger cars produced in the U.S., from Automobile Manufacturers Association, *Automobile Facts and Figures*, 1952.

1899: The 1904 index was extrapolated back by the unit value of complete vehicles and chassis, produced in the U.S. These are Census of Manufactures data quoted in Fabricant, *Output of Manufacturing Industries*, p. 578.

Quarterly indexes, used only for combining with other groups, were estimated by a freehand interpolation. Values for 1899 to June 1901 were included with "cars, carriages, and other vehicles and parts of" in the published figures. We made very crude estimates of these values to complete the period.

073

Items:

- 5 and 6. Export unit values for crude fertilizers moved very differently from domestic prices between 1889 and 1913; they changed only slightly during the whole period, particularly after 1899, while domestic prices fell by over 50 per cent between 1890 and 1897 and then rose by 50 per cent or more by 1907-08. By contrast, the total range of the export unit values, between 1898 and 1912, was from \$7.41 to \$8.42 per ton. Exports through individual customs districts were still steadier in price. Exports through the Fernandina, Florida district, for example, were reported at exactly \$10.00 per ton for every year checked between 1899 and 1912. The same was true of Brunswick, Georgia, and, with a few exceptions, of Jacksonville, Florida and Savannah, Georgia. Another important customs district, Tampa, Florida, reported exactly \$6.00 per ton for many years. The contrast between the movements of export and domestic prices and the peculiar stability of the customs district unit values would have led us to discard the export unit values if there had been no information to confirm them. But we found that United Kingdom import unit values of crude fertilizers exhibited very similar stability during this period and therefore accepted the U.S. figures.

074

Based to a considerable extent on outside price data.

Items:

5. Values for 1923 estimated from values of white and sublimed lead, using 1922 ratio. Prices estimated by extrapolation from 1922 using BLS series for lead, carbonate of (white lead): American, in oil.
13. 1899-1912: Price series for ammonia sulphate from E. E. Vial, *Prices of Fertilizer Materials and Factors Affecting the Fertilizer Tonnage*, New York State, Cornell University Agricultural Experiment Station, Mim. 119.
14. BLS price series for benzol.
15. BLS, nitric acid.
16. BLS, acetic acid.
17. BLS, boric acid.
18. Index, on a 1923 base, of BLS prices for muriatic acid, weighted once; stearic acid, weighted once; oleic acid, weighted once; acetic acid, weighted once; and boric acid, weighted twice.
19. Index, on a 1923 base, of equally weighted BLS prices for muriatic acid, stearic acid, and oleic acid.
20. BLS, picric acid.
21. 1913-17: Index composed of BLS, picric acid, weighted five times; BLS, carbolic acid, weighted once; and the index for item 19, weighted once.

APPENDIX C

NOTES TO TABLE C-7 (continued)

- 1909-12: Index composed of equally weighted series for muriatic acid, from BLS, and nitric and stearic acid, from the *Oil, Paint, and Drug Reporter*.
22. 1918-23: Index composed of equally weighted BLS series for jet nigrosine, water soluble #845; direct black, #582; sulphur brown, #1177; and indigo, 20% paste, #1177; on a 1923 base.
- 1913-17: The above index was extrapolated back to 1913 by one composed of the same series plus WIB series for chrysoidine Y and chrysoidine R, all on a 1918 base.
23. BLS price of logwood extract, solid.
24. Index composed of equally weighted *Oil, Paint, and Drug Reporter* series for fustic extract, solid, and quercitron extract, 51°.
25. 1913-17: Index composed of equally weighted series in items 23 and 24.
1899-1912: Index composed of equally weighted *Oil, Paint, and Drug Reporter* series for logwood extract, solid, and synthetic indigo, on a 1913 base.
27. The price index is composed of equally weighted indexes for mineral earth pigments and chemical pigments which were constructed as follows: The mineral earth pigment index was composed, for 1918 annual and 1919-23, of BLS series for barytes and whiting, equally weighted; and for 1913-17 and 1918 quarterly, of the same two plus WIB series for ochre, umber, venetian red, and paris green, also weighted equally. The chemical pigment index was composed, for 1918 annual and 1919-23, of equally weighted BLS series for lithopone and cadmium sulphide; for 1918 quarterly, of the same two plus WIB series for chrome yellow, chrome green, prussian blue, and ultramarine; and for 1913-17, of the same series with the exception of cadmium sulphide, all equally weighted.
28. 1913-23: BLS price for lampblack.
1899-1912: Index composed of equally weighted prices of carbon black, lampblack, and bone black, from the *Oil, Paint, and Drug Reporter*.
30. Price of collodion, flexible, New York spot, from the *Oil, Paint, and Drug Reporter*, Sept. 1915 through 1923. The 1918 fiscal annual was extrapolated to fiscal years 1913-15, and interpolated freehand for quarterly estimates.
- 37, 38 and 39. Index composed of equally weighted BLS series for soda ash and caustic soda.
40. BLS, tar.
41. BLS, benzol.
43. BLS, formaldehyde.
54. BLS, sulphuric acid, 66°.
55. Index composed of equally weighted BLS series for sulphuric acid and muriatic acid, and *Oil, Paint, and Drug Reporter* series for nitric acid and stearic acid, on a 1913 base.
- 075
- To a considerable extent, 1879-99 based on outside price data.
- Items:
10. Index composed of equally weighted BLS series for white lead, putty, and zinc oxide, on a 1923 base.
11. Index composed of the index for item 10, weighted five times, and an index made up of equally weighted WIB prices for red lead and litharge, weighted once.
12. WIB toilet soap, 1913-18, extrapolated to 1923 by export unit value for item 8.
30. Index, on a 1913 base, composed of equally weighted BLS series for lead: white, in oil, basic carbonate; and zinc oxide: leaded grades, 5% pigment.
33. 1889-99: Same as item 30; 1890-99, extrapolated to 1889 by corresponding Aldrich series.
1879-89: Index, on an 1889 base, composed of equally weighted Aldrich series for zinc oxide and Bezanson series for lead: white, dry; lead: white, in oil; and lead: red, dry.
- 076

Includes items not classified elsewhere. Values range from \$2.5 million to \$16.3 million.

TABLE C-8
COMPOSITION AND COVERAGE OF MINOR IMPORT CLASSES

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
001 <i>Crude animal foods, agricultural</i>			002 <i>Crude animal foods, nonagricultural (cont.)</i>		
1. Cattle	1884-1923		7. Salmon, fresh	1889-1908	1884-88, 1919-23
2. Items 8, 9	1913-23		8. Other shellfish: crabs, shrimps, lobsters		1913-23
3. Poultry eggs in shell	1879-98, 1914-23		9. Items 3, 7	1913-18	
4. Swine		1916-21	10. Items 4, 7	1913-18	
5. Other live food animals, free		1916-21	11. Items 5, 7	1913-18	
6. Items 4, 5		1884-1915, 1922-23	12. Items 6, 7	1913-18	
7. Other live food animals, dutiable		1884-1923	13. Items 3-7	1909-12	1879-83
8. Sheep, free	1884-1912		14. Fresh fish exc. salmon	1889-1908	1884-88
9. Sheep, dutiable	1884-1912		15. Items 1, 2, and 8		1903-12
10. All live animals, free and dutiable					
11. All live animals, dutiable		1882-83	003 <i>Hay</i>		
		1879-81	1. Hay	1912-23	
			004 <i>Grains</i>		
002 <i>Crude animal foods, nonagricultural</i>			1. Wheat	1879-1923	1889-98
1. Lobsters, other than canned	1913-23		2. Oats	1879-88, 1899-1923	
2. Crabmeat	1913-23		3. Corn	1913-23	1879-98
3. Halibut	1919-23		4. Rice uncleaned	1913-21	1922-23
4. Whitefish	1919-23		5. Barley	1879-98	
5. Mackerel	1919-23		6. Rye		1879-98
6. Herring	1919-23		005 <i>Vegetables, crude</i>		
			1. Onions	1897-1923	
			2. Beans, dried	1910-23	

<i>005 Vegetables, crude (cont.)</i>			
3. Peas, dried	1912-23		
4. Potatoes, duitable	1917-18	1914-16	
5. Potatoes, free		1914-18	
6. Items 4, 5	1879-94, 1901-02 1904-06	1895-1900, 1903 1907	1884-90
7. Garlic	1908-09	1910	1919-23
8. Potatoes, sweet, dried, prepared	1911-12 1919-20	1913 1921-23	1913-18 1912 1909-11 1891-1908
9. Other fresh vege- tables		1919-23	1884-1908, 1919-23
10. Items 7-9		1919-23	
11. Item 2 and $\frac{1}{2}$ of item 3	1909	1897-1908, 1912-18	
12. Items 2, 3	1879-1908	1909	
13. Item 10 and $\frac{1}{4}$ of item 3		1910-11	
14. Items 10, 3		1882-96	
15. Items 1, 10			
<i>006 Spices, crude</i>			
1. Pepper, unground	1884-1923		1882-1906
2. Vanilla beans	1889-1923		1919-23
3. Ginger root, un- ground, not pre- served		1913-23	1921-23
4. Cassia and cassia vera, unground		1913-23	1913-23
5. Capsicum or red pepper, ground		1919-23	1910-23
6. Capsicum or red pepper, unground		1919-23	1907-23
7. Cloves, unground		1919-23	1919-23
<i>006 Spices, crude (cont.)</i>			
8. Mustard seed, ground or prepared		1919-23	
9. Item 15 and cayenne pepper and sage			
10. Nutmeg, unground		1884-1908, 1919-23	
11. Other spices, n.e.s.			1919-23
12. Items 5-8, 10, 11			1913-18
13. Other unground spices			1912
14. Items 3, 4, 13			1909-11
15. Item 14, excl. 10			1891-1908
16. Spices, ground, duitable			1884-88
17. Spices, total		1879-83	
<i>007^s Fruits and nuts, crude, except bananas</i>			
1. Peanuts, shelled		1913-23	
2. Peanuts, not shelled		1913-23	
3. Almonds, shelled		1913-23	
4. Almonds, not shelled		1913-23	
5. Filberts, shelled		1913-23	
6. Filberts, not shelled		1913-23	
7. Walnuts, shelled		1913-23	
8. Walnuts, not shelled		1913-23	
9. Brazil and cream nuts		1907-23	
10. Coconuts		1907-23	
11. Chestnuts			1882-1906
12. Olives		1907-20	1919-23
13. Lemons		1884-1912	1921-23
14. Pineapples			1913-23
15. Grapes			1910-23
16. Other nuts, n.e.s.			1907-23
17. Items 11, 16			1919-23 1912-18

(continued)

TABLE C-8 (continued)

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
<i>007^a Fruits and nuts, crude, except bananas (CONT.)</i>			<i>007^a Fruits and nuts, crude, except bananas (CONT.)</i>		
18. Oranges	1884-1906	1907-21	43. Figs	1884-88	1884-88
19. Item 18 and limes		1922-23	44. Other fruits, canned or preserved		
20. Other fruits, incl. apples and berries		1922-23	45. Other fruits, incl. fruits from Hawaii and Brazil nuts		1884-88
21. Item 20 and limes		1919-21	46. Items 13, 18	1879-83	1884-88
22. Grapefruit		1919-23	47. Items 43-45, exc. Brazil nuts		1879-83
23. Items 21, 22		1910-18			
24. Items 3, 4		1879-1912			
25. Items 7, 8		1903-12			
26. Copra, not prepared		1907-12			
27. Items 1, 2		1910-12			
28. Items 5, 6		1910-12			
29. Coconut meat, desiccated or prepared					
30. Items 17, 29		1912	<i>008^b Tea</i>		
31. Items 27, 28, 30		1910-11	1. Tea from the U.K.	1913-23	
32. Items 9, 26, 31		1907-09	2. Tea from Canada	1913-23	
33. Items 10, 25, 32		1903-06	3. Tea from British East Indies	1916-23	
34. Items 14, 23, 35, 36		1889-1902	4. Tea from China	1913-23	
35. Other fruits, n.e.s., exc. plums and prunes		1909	5. Tea from Japan	1913-23	
36. Plums and prunes		1907-08	6. Tea from Dutch East Indies	1916-23	1913-23
37. Items 15, 35		1895-1908	7. Other tea, n.e.s.		
38. Currants		1879-88, 1891-98	8. Items 3, 6	1913-15	
39. Dates		1891-98	9. Items 1-2, 4-5, 7-8	1879-1912	
40. Items 37-39		1889-90			
41. Raisins		1879-88	<i>009^c Coffee</i>		
42. Bananas		1879-88	1. Coffee	1879-1923	
			<i>010^d Cocoa or Cacao Beans</i>		
			1. Cocoa or Cacao beans	1879-1923	

APPENDIX C

<i>011^a Bananas</i>			
1. Bananas from Jamaica	1913-23		1914-20
2. Bananas from Cuba	1913-23		1914-20
3. Bananas from Central America	1913-23		1921-23
4. Bananas from Colombia	1913-23		1919-23
5. Bananas from other countries			1919-21
6. Items 1-5	1889-1912		1912-21
<i>012 Manuf. animal foods, agricultural</i>			1922-23
1. Butter and substitutes	1879-1923		1914-18
2. Milk and cream, fresh, condensed, etc.	1913-23		1913
3. Cheese from Italy	1921-23		1898-1923
4. Cheese from Switzerland	1921-23		1909-12
5. Cheese from France	1921-23		1884-1908
6. Cheese from Netherlands	1921-23		1884-1908
7. Cheese from Greece	1921-23		1884-1906, 1912
8. Cheese from Argentina	1921-23		1879-83
9. Cheese from other countries			
10. Items 3-9	1879-1920		
11. Beef and veal, fresh	1913-23		
12. Pork, fresh	1913-23		
13. Mutton, fresh	1913-23		
14. Lamb, fresh	1913-23		
15. Eggs and yolks, preserved	1916-23		
16. Bologna sausage			
	1912-20		1879-1912
<i>012 Manuf. animal foods, agricultural (cont.)</i>			1909-23
17. Bacon and ham			1879-1923
18. Other meat, preserved and prepared			1884-1923
19. Items 16-18			1912-23
20. Other meat products			1913-23
21. Tallow			
22. Oleo stearin			
23. Items 21, 22			
24. Items 20, 21			
25. Items 17, 18, 24			
26. Sausage casings			
27. Cream			
28. Items 11-14, 25			
29. Meat and meat extracts			
30. Other meat products			
31. Milk, fresh and condensed			
32. Items 29-31			
<i>013 Manuf. animal foods, nonagricultural</i>			
1. Items 7, 8			
2. Mackerel, cured or preserved			
3. Cod, haddock, hake, and pollock, cured or preserved			
4. Lobster, canned			
5. Fish, packed in oil			
6. Other cured and preserved, n.e.s.			

(continued)

TABLE C-8 (continued)

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
013 Manuf. animal foods, nonagricultural (CONT.)			014 Flour and other grain products (CONT.)		
7. Herring, dried or smoked	1884-1908		10. Barley		1899-1907
8. Herring, pickled or salted	1879-1908		11. Corn		1899-1907
9. Lobsters, fresh	1912		12. Rye		1908-12
10. Items 4, 9	1899-1911	1884-88	13. Items 8-12		1891-1902
11. Salmon, pickled or salted	1884-1908		14. Items 3, 8		
12. Item 6 minus item 11		1879-1908	15. Rice, exc. under treaty with Hawaii	1884-98	
13. All other fish, exc. fresh		1884-88	16. Rice, under treaty with Hawaii	1880-98	
14. Items 3, 7, 10, 11, 13		1879-83	17. Barley malt	1879-98	
			18. Other breadstuffs, exc. macaroni and vermicelli		1884-90
014 Flour and other grain products			19. Items 4, 15	1880-83	
1. Rice, cleaned, exc. patina	1912-23		20. Items 16, 19	1879	
2. Wheat flour	1905-23	1879-1904	21. Other farmaceous substances		1884-88
3. Macaroni, vermicelli, etc.	1903-23		22. Items 9, 18, 21, exc. tapioca, sago, and sago flour		1879-83
4. Rice flour, meal, etc.	1884-1923				
5. Biscuits, wafers, and other breadstuffs		1913-23	015 Fruits, processed		
6. Rice, uncleaned	1912		1. Currants	1899-1923	
7. Items 1, 6	1899-1911		2. Dates	1899-1923	
8. Other breadstuffs, exc. oatmeal		1903-07	3. Figs	1889-1923	
9. Oatmeal	1884-1907		4. Raisins and other dried grapes	1889-98	1899-1923
			5. Fruits, canned and processed		1889-1923

APPENDIX C

016	<i>Vegetable oil, cake, and meal, edible</i>				
	1. Olive oil exc. salad oil	1879-81			
	2. Coconut meat, desiccated or prepared (salad oil)	1913-23			
	3. Olive oil, edible (salad oil)	1879-81, 1891-1923			
	4. Peanut oil	1913-23			
	5. Cottonseed oil	1913-20	1921-23		
	6. Cocoa butter	1913-16, 1920-23	1917-19		1909-10, 1913-23
	7. Oil cake and meal		1916-23		1891-94, 1899-1923
	8. Items 1, 3	1882-90			
017	<i>Vegetables and products, manuf.</i>				
	1. Mushrooms and truffles	1910-23			
	2. Farinaceous substances	1899-1923	1891-98 1882-1923		
	3. Pickles and sauces				
	4. Other prepared and preserved vegetables		1910-23 1916-21 1916-21	1884-87 1879-83 1879	
	5. Vinegar		1922-23		
	6. Other edible substances		1882-1909		
	7. Items 5, 6		1889-90		
	8. Items 1, 4				
	9. Item 2 and macaroni				
018	<i>Cocoa and chocolate, prepared</i>				
	1. Items 2, 3	1902-23			
	2. Cocoa, prepared	1898-1901			
018	<i>Cocoa and chocolate, prepared (CONTR.)</i>				
	3. Chocolate, prepared, exc. confectionery		1898-1901		
019^a	<i>Sugar, except refined, and related products</i>				
	1. Cane sugar, total		1914-23		
	2. Maple sugar and syrup		1914-23 1913		
	3. Items 1, 2		1888-1908, 1911-12		
	4. Beet sugar				
	5. Items 7, 8				
	6. Cane and maple sugar, exc. refined		1888-1912		
	7. Molasses, exc. item 8		1880-88		1889-90, 1895-98
	8. Molasses, under treaty with Hawaii		1880-88		1889-90, 1895-98 1884-88
	9. Sugar, #13 to #20				
	10. Items 4, 6		1884-87		
	11. Items 9, 10		1879-83		
	12. Items 7, 8		1879		
020	<i>Sugar, refined, and related products</i>				
	1. Honey				1916-23
	2. Candy and confectionery				1879-98, 1916-23
	3. Refined sugar		1889-1912		
	4. Sugar, over #20				1879-88

(continued)

TABLE C-8 (continued)

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
021 Beverages, agricultural			023 Spices, ground (CONT.)		
1. Malt liquors, in bottles or jugs	1884-1918	1919-20	2. Spices, ground, exc. sage and red pepper	1889-90	
2. Malt liquors, in other coverings	1884-1918	1919-23	024^a Tobacco, crude		
3. Still wines in casks	1879-1918	1919-21	1. Leaf suitable for cigar wrapping	1891-1923	
4. Still wines in other coverings	1884-1918	1919-21	2. Other leaf, from Cuba	1913-20	
5. Champagne and other sparkling wines	1884-1912	1913-23	3. Other leaf, from Greece	1916-20	
6. Items 3, 4		1922-23	4. Other leaf, from Turkey in Asia	1913-14, 1919-20	
7. Items 1, 2	1879-83	1910-23	5. Items 2-4, 6	1921-23	1919-20
8. Other beverages and fruit juices			6. Other leaf, from other countries		1916-18
9. Ginger ale and ginger beer	1898-1909		7. Items 4, 6, 10		1915
10. Items 4, 5	1879-83		8. Items 3, 7		1913-14
022 Beverages, nonagricultural			9. Item 8 less item 4		1919-23
1. Mineral waters	1889-1923		10. Tobacco from Philippines		
2. Brandy	1884-1917	1918-21	11. Other leaf, from all countries	1891-1912	
3. Whiskey	1910-17	1918-21	12. Items 1, 11	1879-90	
4. Gin	1910-17	1918-21	025 Manufactured tobacco products		
5. Cordials, liqueurs, etc.	1912	1913-21	1. Cigars and cheroots, exc. item 2	1912-23	
6. Other distilled liquors	1912	1913-21	2. Cigars and cheroots from Philippines	1912-23	
7. Items 2-6		1922-23	3. Cigarettes, exc. item 4		1912-23
8. Items 5, 6	1910-11				
9. Items 3, 4, 8	1884-1909				
10. Items 2, 9	1879-83				
023 Spices, ground					
1. Spices, ground	1891-1912				

025	<i>Manufactured tobacco products (cont.)</i>			
	4. Cigarettes from Philip-pines	1912-23 1879-1923		
	5. Other uses of tobacco			
	6. Items 1, 3	1910-11		1913-23
	7. Items 2, 4	1910-11		
	8. Items 6, 7	1879-1909		1884-93
026*	<i>Hides, leather, and products, crude</i>			
	1. Cattle hides, dry and dry-salted	1911-23		1910
	2. Cattle hides, wet-salted	1911-23		1898-1910
	3. Buffalo hides, dry	1911-23		1894-1910
	4. Calfskins, incl. kip, dry	1911-23		1910
	5. Calfskins, wet-salted	1911-23		1911-12
	6. Horse, colt, and ass skins, dry	1911-23		
	7. Horse, colt, and ass skins, green or pickled	1911-23		1909
	8. Goat and kid skins, dry	1911-23		1898-1908
	9. Goat and kid skins, green or pickled	1911-23		1884-97
	10. Sheep and lamb skins, dry	1911-21		1879-83
	11. Sheep and lamb skins, green	1911-21		
	12. Items 10, 11	1909-10, 1922-23		
026*	<i>Hides, leather, and products, crude (cont.)</i>			
	13. Kangaroo and wallaby skins	1913-23		
	14. All other hides and skins			
	15. Items 1, 2	1898-1910		
	16. Items 8, 9	1894-1910		
	17. Items 4, 5	1910		
	18. Items 6, 7	1910		
	19. Items 13, 14			
	20. Item 19 exc. buffalo hides, green or wet			
	21. Items 17, 18, 20	1909		
	22. Items 12, 21	1898-1908		
	23. Items 15, 22	1884-97		
	24. Items 16, 23	1879-83		
027	<i>Hides, leather and products, semimanufactured</i>			
	1. Sole leather	1918-23		1884-1912
	2. Goatskins, tanned (skins for morocco)	1913-23		
	3. Upper leather, calf and kip	1916-23		
	4. Harness and saddle leather	1916-23		
	5. Items 6, 7	1922-23		
	6. Other leather	1918-21		
	7. Chamois skins			1914-21
	8. Patent, japanned, etc.			1916-23
	9. Upper leather, goat and kid			1916-23
	10. Upper leather, sheep and lamb			1916-23

(continued)

TABLE C-8 (continued)

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
027 <i>Hides, leather and products, semimanufactured (CONR.)</i>			029 <i>Furs, unmanufactured</i>		
11. Upper leather, other incl. cattle		1916-23	1. Beaver	1923	
12. Upper leather, dressed and finished		1909-15	2. Fox, exc. silver or black	1923	
13. Glove leather	1916-17	1912-23	3. Hare, coney, and rabbit	1923	
14. Item 6 exc. belting	1914-15		4. Marten	1923	
15. Item 4, 14	1913-17		5. Mink	1923	
16. Sole, band and belting leather	1913	1884-1908, 1912	6. Mole	1923	
17. Items 7, 15			7. Muskrat	1923	
18. Calfskins, tanned or tanned and dressed		1909-12	8. Squirrel	1923	
19. Skins, chamois, kangaroo, etc., dressed and finished, n.e.s.			9. Other undressed furs	1879-1912, 1919-22	
20. Other leather, incl. patent, japanned, etc.		1909-12	10. Items 1-9	1913-18	
21. Items 13, 16, 20		1912	11. Furs from U.K. and Australia	1913-18	
22. Item 18 and patent, japanned, etc.	1884-88	1909-11	12. Furs from Canada	1913-18	
23. Items 12, 19, 21	1884-88		13. Furs other than items 11-12		1913-18
24. Items 2, 16, 22, 23	1879-83				
028 <i>Hides, leather, and products, manufactured</i>			030 <i>Furs, semimanufactured</i>		
1. Gloves	1891-1923	1879-90	1. Furs dressed on the skin, not advanced beyond drying	1911-23	
2. Boots and shoes	1918-23	1912-17	2. Cut fur, plates, mats, and other manuf.	1912-23	
3. Other manufs. of leather		1912-23	3. Hats, caps, bonnets of fur	1912-23	
4. Items 2, 3		1879-1911	4. Items 2, 3	1911	
			5. Items 1, 3, 4	1879-1910	

APPENDIX C

<i>031 Other animal products, crude, agricultural</i>			
1. Ostrich feathers, crude	1912-23		1898 1895-97
2. Horses, from England, France, and Belgium	1913-16		
3. Glue stock, hide cuttings, etc.	1916-23	1899-1915	
4. Bones, hoofs, horns, unmanufactured	1919-23	1899-1918	
5. Bristles, crude, not sorted		1899-1908, 1912-23 1917-23	1882-1923
6. Other feathers		1913-16	1904-12
7. Items 2, 8		1916-21	1898-1923 1916-21
8. Horses, other countries			
9. Rennets			
10. Grease and oils, n.e.s., free	1913-22		
11. Grease and oils, dutiable, inc. items free before 1922, and exc. seal oil			
12. Grease and oils, n.e.s., dutiable		1916-22	
13. Items 1, 6	1899-1911	1895-98	
14. Horses, free	1899-1912	1884-98	
15. Horses, dutiable		1884-1912	
16. Feathers, advanced		1895-98	
17. Items 13, 16		1884-94	
18. Grease, n.e.s., dutiable		1898-1909	
<i>031 Other animal products, crude, agricultural (cont.)</i>			
19. Grease and oil (tallow) n.e.s.			
20. Items 18, 19			
<i>032 Other animal products, crude, nonagricultural</i>			
1. Ivory tusks in natural state		1882-1923	
2. Shells, unmanuf. mother of pearl	1913-23		
3. Other unmanuf. shells			
4. Fish sounds			
<i>033 Other animal products, semimanuf., agricultural</i>			
1. Glue and glue size	1898-1923		
2. Casein or lactarene	1913-23		
3. Bristles, sorted, bunched, or prepared		1895-1923	
4. Beeswax and other animal wax	1916-23		
5. Gelatin, unmanuf.	1917-23		1913-16 1895-98
6. Bristles, not sorted			
7. Items 3, 6	1879-94		
<i>034 Other animal products, semimanuf., nonagric.</i>			
1. Cod and cod-liver oil	1914-23		
2. Whale oil	1923		
3. Other fish oil	1923		
4. Seal oil			1923
5. Items 2-4	1914-22		

(continued)

TABLE C-8 (continued)

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
034 <i>Other animal products, seminamif., nonagric. (CONT.)</i>			036^a <i>Rubber and related gums, crude (CONT.)</i>		
6. Items 1, 5	1907-13		5. Items 3, 4		1922-23
7. Whale and fish oil	1899-1906	1885-98	6. Balata		1909-23
8. All other animal oil		1882-1906	7. Gutta-percha		1891-1923
9. Whale and fish oil, fec		1879-84	8. Rubber and gayule, exc. Mexican	1903-10	
10. Whale and fish oil, dutiable		1879-84	9. Rubber and gayule, Mexican	1903-10	
035 <i>Other animal products, manuf., nonagricultural</i>			10. Items 8, 9	1891-1902	
1. Brushes		1882-1923	11. Crude rubber and gutta-percha	1879-90	
2. Sponges		1882-1909, 1915-23	037 <i>Rubber and related gums, manufactured</i>		
3. Shells, manuf.		1904-08, 1916-23	1. Manuf. of rubber		1879-1921
4. Bone and horn, manuf.		1898-1908, 1916-23	2. Rubber substitutes		1912-21
5. Feathers, advanced, not for millinery and quilts, etc.			3. Items 1, 2		1922-23
6. Feathers, advanced		1914-23	038 <i>Oilseeds, crude</i>		
036^a <i>Rubber and related gums, crude</i>		1899-1913	1. Copra, not prepared	1913-23	
1. Rubber, crude and milk of	1911-23		2. Flaxseed	1879-1923	
2. Jelutong and Pontianak	1903-23		3. Castor beans	1913-23	
3. Gayule	1911-1920	1921	039 <i>Vegetable oils, expressed, and fats, seminmanufactured</i>		
4. Other crude, scrap, and reclaimed		1904-21	1. Chinese wood or nut oil	1912-23	
			2. Linseed oil	1913-23	1912
			3. Soya bean oil	1912-23	
			4. Coconut oil	1907-23	
			5. Items 6, 7	1922-23	

APPENDIX C

039	<i>Vegetable oils, expressed, and fats, semimanuf. (CONT.)</i>				
	6. Olive foots oil	1913-21			
	7. Denatured olive oil	1906-21			1879-83
	8. Palm oil	1907-23			1879-83
	9. Rape oil	1912-23			
	10. Palm kernel oil	1912-14			
	11. Other vegetable oils, free	1915-21			
	12. Items 10, 11	1912-21			
	13. Other vegetable oils, dutiable	1922-23			
	14. Peanut oil	1912-23			
	15. Nut oils, incl. items 1, 14	1912			
	16. Cottonseed oil	1907-11			
	17. Items 3, 10, 11, 16	1912			
	18. Cocoa butter	1909-11			
	19. Rape oil and hemp oil	1910-12			
	20. Items 18, 19, 26	1910-11			
	21. Items 16, 20	1909			
	22. Items 3, 10, 11	1891-1908			
	23. Items 4, 8, 15, 22	1907-08			
	24. Items 7, 23	1906			
	25. Greases, incl. olive foots oil	1891-1905			
	26. Items 2, 13	1899-1912			
	27. Vegetable oil, free	1910-11			
	28. Vegetable oil, dutiable, incl. cocoa butter	1884-90			
	29. Vegetable oil, dutiable, exc. cocoa butter	1888			
		1884-87			
039	<i>Vegetable oils, expressed, and fats, semimanuf. (CONT.)</i>				
	30. Vegetable oil, free				1879-83
	31. Item 28 and poppy seed oil				1879-83
040	<i>Other vegetable products, crude, agricultural</i>				
	1. Licorice root				1889-1923
	2. Opium, crude				1884-1923
	3. Clover seed, red				1913-23
	4. Clover seed, other				1913-23
	5. Grass seeds				1912-23
	6. Sugar beet seeds				1910-23
	7. Vegetable ivory				1882-1923
	8. Hops				1882-1915, 1920-23
	9. Cinchona bark				1879-1923
	10. Bulbs, roots, and corns				1913-23
	11. Mustard seed, whole, dutiable				1919-23
	12. All other free seeds				1919-23
	13. Items 11, 12				1912-18
	14. Other dutiable seeds				1910-23
	15. Trees, roots, cuttings, and seedlings				1919-23
	16. Other nursery and greenhouse stock, dutiable				1919-23
	17. Items 15, 16				1909-18
	18. Nursery and greenhouse stock, free				1912-23
	19. Broom corn				1912-21
	20. Palm leaf fans				1916-21

(continued)

TABLE C-8 (continued)

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
040 <i>Other vegetable products, crude, agricultural (CONTR.)</i>			041 <i>Other vegetable products, crude, nonagricultural (CONTR.)</i>		
21. Clover seed	1907-12		12. Items 13, 14		1922-23
22. Castor beans	1910-12		13. Other crude dyewoods		1884-1908, 1912-21
23. Items 5, 13		1910-11	14. All other crude tanning material		1912-21
24. Items 6, 23, exc. canary seed		1907-09	15. Moss and seaweed, crude		1916-23
25. Items 21, 24		1879-1906	16. Items 8, 17		1910-13
26. Items 14, 22, and canary seed		1879-1909	17. Other gums and resins, free, incl. amber and senegal, but exc. arabic		
27. Items 10, 17		1899-1908	18. Items 6, 14		1899-1909
28. Opium, less than 9%	1884-1908	1909-12	19. Hemlock bark		1911
29. Vegetable wax	1913-23		20. Sumac, ground	1889-1909, 1912-13	1879-1906
30. Items 2, 28	1879-83		21. All other gums, free, incl. cutch	1891-98	
041 <i>Other vegetable products, crude, nonagricultural</i>			22. Gambier and cutch	1879-90	
1. Chicla, crude	1899-1923		23. All other gums, exc. cutch	1884-90	
2. Gambier	1891-1923		24. Shellac	1884-89	
3. Logwood	1884-1909, 1912-23		25. Items 8, 23, 24	1879-83	
4. Sumac, ground and unground	1913-23		26. Items 3, 13	1879-83	
5. Copal, damar, kauri	1899-1923		27. All other moss and seaweed		1916-21
6. Mangrove bark	1908-12	1912-23			
7. Quebracho wood	1908-12	1913-23			
8. Arabic	1884-98	1899-1909, 1919-23			
9. Other gums, dutiable		1919-23			
10. Items 8, 9		1913-18			
11. Asafetida, turpentine and other varnishes, resins, and gums, free		1913-23	042 <i>Other vegetable products, semimanuf., agricultural</i>		
			1. Starch	1915-23	

APPENDIX C

043	<p><i>Other vegetable product, semimanuf., nonagric.</i></p> <ol style="list-style-type: none"> 1. Shellac 2. Quebracho extract 3. Other tanning extracts 4. Other tanning and dyeing extracts 	<p>1889-1923 1907-23</p>	<p>045 <i>Cotton textiles, crude (CONT.)</i></p> <ol style="list-style-type: none"> 2. Cotton, short staple 3. Items 1, 2 	<p>1921-23 1879-1920</p>
044	<p><i>Other vegetable products, manuf., agricultural</i></p> <ol style="list-style-type: none"> 1. Lemon oil 2. Items 3, 5 3. Other essential and distilled oils, free, incl. oils from P.I. 4. Items 1, 3, and orange oil, exc. other essential oils from P.I. 5. Item 6, and orange oils, exc. other essential oils from P.I. 6. Essential and distilled oils, dut., exc. orange and lemon oil, incl. other essential oils from P.I. 7. Item 4, exc. orange and lemon oil 8. Item 6, and orange and lemon oil 	<p>1913-23 1889-1912</p>	<p>046 <i>Cotton textiles, semimanuf.</i></p> <ol style="list-style-type: none"> 1. Cotton yarns and warps 2. Cotton waste 	<p>1889-1923 1899-1923</p>
	<p><i>Other vegetable products, manuf., agricultural</i></p> <ol style="list-style-type: none"> 1. Lemon oil 2. Items 3, 5 3. Other essential and distilled oils, free, incl. oils from P.I. 4. Items 1, 3, and orange oil, exc. other essential oils from P.I. 5. Item 6, and orange oils, exc. other essential oils from P.I. 6. Essential and distilled oils, dut., exc. orange and lemon oil, incl. other essential oils from P.I. 7. Item 4, exc. orange and lemon oil 8. Item 6, and orange and lemon oil 	<p>1910-23 1913-23</p>	<p>047* <i>Cotton textiles, manufactured</i></p> <ol style="list-style-type: none"> 1. Cotton cloth unbleached 2. Cotton cloth, bleached 3. Items 4-6 4. Cotton cloth, dyed in the piece 5. Cotton cloth, printed 6. Cotton cloth, other colored, dyed 7. Cotton pile fabrics, exc. terry cloth 8. Sewing thread, embroidery cotton, etc. 9. Cotton gloves 10. Cotton hosiery 11. Cotton underwear, and other knit goods 	<p>1889-1923 1911-23 1911-15, 1923 1916-22 1916-22 1916-22 1891-1923 1913-23 1914-16, 1920-23 1910-15, 1920-23 1917-19 1916-19 1914-23</p>
045	<p><i>Cotton textiles, crude</i></p> <ol style="list-style-type: none"> 1. Cotton, long staple 	<p>1921-23</p>		<p>1914-23</p>

(continued)

TABLE C-8 (continued)

<i>Import Class and Commodity Composition</i>	<i>Years</i>		<i>Import Class and Commodity Composition</i>	<i>Years</i>	
	Covered	Uncovered		Covered	Uncovered
<i>047^a Cotton textiles, manufactured (CONT.)</i>			<i>047^a Cotton textiles, manufactured (CONT.)</i>		
12. Other cotton wearing apparel, product of P.I.		1919-23	34. Items 15, 29		1891-1911
13. Other cotton wearing apparel		1919-23	35. Items 7, 34		1884-90
14. Items 12, 13		1889-1918	36. Cotton cloth, total		1879-88
15. Cotton handkerchiefs and mufflers		1912-23	37. Cotton yarns, etc.		1884-88
16. Handmade laces		1912-23	38. Other cotton wearing apparel		1884-88
17. Machine made laces		1912-23	39. Corsets		1884-88
18. Items 19, 20		1921-23	40. Items 33, 35, 37-39		1879-83
19. Nets and netting		1912-20	<i>048 Jute and products, crude</i>		
20. Veils and veillings		1912-20	1. Jute and jute butts, unmanufactured	1889-1923	
21. Lace window curtains		1912-23	<i>049^a Jute textiles, semimanufactured</i>		
22. Embroideries		1912-23	1. Items 2, 3	1889-1913, 1923	
23. Lace etc., product of P.I.		1919-23	2. Burlaps, unbleached	1914-22	
24. Other laces		1919-23	3. Burlaps, bleached	1914-22	
25. Items 23, 24		1912-18	<i>050 Jute textiles, manufactured</i>		
26. Cotton tapestries, etc.		1919-23	1. Jute bags or sacks	1895-1923	
27. Other manufs. of cotton, incl. terry		1919-23	2. Bagging for cotton, gunny cloth, etc.	1895-23	
28. Items 26, 27		1913-18	3. Items 1, 2	1889-94	
29. Other manufs. of cotton, incl. thread		1912	<i>051^a Other vegetable fibers, crude</i>		
30. Items 2, 3	1889-1910		1. Sisal	1884-1923	
31. Items 10, 32	1891-1909		2. Manilla or abaca	1891-1923	
32. Other cotton knit goods, incl. gloves and 25		1910-13			
33. Items 16, 17, 19-22, and 25		1884-1911			

APPENDIX C

<i>051^a Other vegetable fibers, crude (CONT.)</i>		
3. Hemp, unmanuf.	1891-1923	
4. Istle or tampico	1891-1923	
5. Flax, hackled	1919-23	
6. Other flax	1919-23	
7. Items 5, 6	1879-1912	
8. Kapok	1911-23	
9. Items 10, 11	1910-21	
10. New Zealand flax		
11. Maguay and other vegetable fibers	1911-21	
12. Items 8, 11	1910	
13. Items 10, 12	1891-1909	
14. Items 2, 3	1879-90	
15. Items 4, 13	1888-90	
16. Jute	1884-89	
17. Items 1, 16	1879-83	
<i>052 Other vegetable fibers, semimanufactured</i>		
1. Yarns of jute, flax, hemp, etc.	1913-23	
2. Materials for hats of straw, etc.	1899-1923	
3. Artificial silk, threads and filaments	1913-23	
<i>053^a Other vegetable textiles, manufactured</i>		
1. Binding twine	1899-1923	
2. Matting and mats of China, Japan, and India straw	1899-1923	
<i>053^a Other vegetable textiles, manufactured (CONT.)</i>		
3. Linoleum and floor oilcloth	1899-1917, 1920-23	1918-19
4. Coir yarn	1889-1923	1882-88
5. Items 6, 7	1922-23	
6. Plain woven fabrics of flax, hemp, and ramie	1903-1921	
7. Other woven fabrics of flax, hemp, and ramie	1919-21	
8. Handkerchiefs	1919-23	1899-1918
9. Hats, bonnets, and hoods of straw, grass, etc., not blocked	1919-23	
10. Hats, etc., of straw, blocked		1919-23
11. Items 9, 10		1899-1918
12. Hats, etc., product of Philippines		1912-23
13. Laces and embroideries		1910-23
14. Items 15, 16		1922-23
15. Straw and grass, manufactures		1899-1921
16. Other manufs. of fibers, grasses, etc.		1919-21
17. Woven articles and manufs. of flax, incl. clamasks		1919-23
18. Items 16, 17		1916-18
19. Wearing apparel		1916-23

(continued)

TABLE C-8 (continued)

Commodity Composition	Years		Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
<i>053^a Other vegetable textiles, manufactured (CONT.)</i>			<i>053^a Other vegetable textiles, manufactured (CONT.)</i>		
20. Items 18, 19		1910-15	37. Brown or bleached linens, ducks, etc.		
21. Manufs. of artificial horsehair		1913-23	(manuf. of flax, by the yard)	1879-81, 1884-88	1884-88
22. Manufs. of artificial silk		1913-23			
23. Hat trimmings, incl. artificial and ornamental feathers		1913-23			
24. Hat trimmings, exc. artificial and ornamental feathers		1914-23	38. Items 40-42		1884-88
25. Items 13, 20, minus item 26		1889-1913	39. Items 34-38, 43	1882-83	1879-81
26. Cables, cordage, threads, and twine		1905-09	40. Manufs. of flax		1879-81
27. Carpets and carpeting		1895-1909	41. Manufs. of hemp, by the yard		1879-81
28. Item 25 minus item 27		1899-1904	42. Other manufs. of hemp		1879-81
29. Items 6, 28	1899-1902		43. Thread and twine		1879-81
30. Items 34, 35	1879-81				1884-88
31. Manufs. of flax, hemp, and ramie, n.e.s.		1903-04	<i>054^a Wool textiles, crude</i>		
32. Hats of straw, etc., and materials for			1. Carpet wool	1884-1923	
33. Items 1, 26		1884-98	2. Clothing wool	1884-1923	
34. Jute bags and baggings	1884-88	1879-94	3. Combing wool	1914-23	
35. Burlaps, total	1884-88		4. Hair of angora, goat, alpaca, etc.	1914-23	
36. Yarns of flax, hemp, and ramie, not incl. thread	1884-88		5. Combing wool; incl. angora, goat, etc.	1884-1913	
			6. Items 1, 2, 5	1879-83	
			<i>055 Wool textiles, semimanufactured</i>		
			1. Woolen yarns	1889-98, 1913-23	
			2. Wool and hair, advanced; incl. tops	1919-23	1916-18

<i>055 Wool textiles, semimanufactured (CONT.)</i>	1879-88	1889-94, 1896, 1914-23	<i>056^a Wool textiles, manufactured (CONT.)</i>	1906-07 1899-1905 1879-1905
3. Items 4, 5			17. Items 18, 19	
4. Rags, noils, waste	1895-97		18. Items 11, 15	
5. Shoddy, mungo, flocks, and carbonized wool	1895-97		19. Shawls	
			20. Flocks, noils, waste, etc.	1899-1907 1899-1907 1884-98 1879-98
<i>056^a Wool textiles, manufactured</i>			21. Wool yarns	1884-88
1. Items 4, 5	1922-23		22. Wool wearing apparel	1884-98
2. Worsteds	1919-21		23. Knit fabrics	1879-98
3. Woolsens	1879-1918		24. Other manufs. of wool	1884-98 1879-83
4. Items 2, 3	1879-1921			
5. Dress goods	1879-1915, 1922-23		<i>057^a Silk textiles, crude</i>	1882-1908, 1912-23
6. Items 7, 8			1. Raw silk	
7. Carpets and carpet- ing, woven whole	1916-21		2. Silk cocoons	1879-1923
8. Carpets and carpet- ing, other	1916-21			
9. Cloth of angora, alpaca, etc.	1914-23		<i>058 Silk textiles, semimanufactured</i>	1882-1912
10. Items 11, 12	1922-23		1. Spun silk or schappe silk yarn	1899-1923 1913-23
11. Other manufs. of wool	1916-21		2. Silk waste	
12. Other manufs. of hair, exc. human hair	1913-21		<i>059^a Silk textiles, manufactured</i>	
13. Item 11, incl. wool and hair, advanced, and tops	1914-15 1913		1. Fabrics, broad, exc. pile fabrics	1879-1923 1899-1923
14. Items 9, 13	1913-23		2. Pile fabrics	
15. Wool wearing apparel	1908-12		3. Bolting cloths	1879-1909, 1912-23 1913-23 1910-23
16. Items 18-21			4. Silk ribbons	1890-1923
			5. Banding, belting, etc.	
			6. Wearing apparel, incl. hats, caps, etc.	

(continued)

TABLE C-8 (continued)

<i>Import Class and Commodity Composition</i>	<i>Years</i>		<i>Import Class and Commodity Composition</i>	<i>Years</i>	
	Covered	Uncovered		Covered	Uncovered
<i>059^a Silk textiles, manufactured (cont.)</i>			<i>061 Other animal fibers, manufactured (cont.)</i>		
7. Laces, embroideries, etc.	1879-1912	1913-23	2. Nets and netting of human hair		1923
8. Handkerchiefs and mufflers		1919-23	3. Other manufs. of human hair		1923
9. Other manufs. of silk		1919-23	4. Items 1-3		1912-22
10. Items 8, 9		1911-18	5. Other manufs. of hair		1912
11. Artificial silk yarns, threads, etc.		1912	6. Items 4, 5		1910-11
12. Artificial silk, other manufs.		1912	7. Manufs. of artificial horse hair		1910-12
13. Items 11, 12		1911	8. Items 6, 7		1879-1904
14. Items 10-12		1910			
15. Items 5, 14		1899-1909	<i>062^a Wood and products, crude</i>		
16. Spun silk, silk yarn, and items 2, 15		1890-98	1. Pulpwood, rough	1910-23	
17. Item 6 minus item 21		1884-89	2. Pulpwood, peeled	1910-23	
18. Items 16, 21		1884-89	3. Pulpwood, rossed	1910-23	
19. Items 17, 18		1883	4. Logs and round timber, exc. cabinet wood	1895-1923	
20. Items 16, 17		1879-82	5. Cabinet woods in the log, mahogany	1895-1923	
21. Hosiery		1879-82	6. Cabinet woods in the log, cedar	1910-23	
<i>060 Other animal fibers, crude</i>			7. Rags for paper stock	1879-1923	
1. Human hair, uncleaned		1910-23	8. Cabinet woods in the log, other		1910-23
2. Horse hair		1910-23	9. Paper stock other than rags	1879-98	1899-1923
3. Other animal hair		1910-23	10. Rattan, unmanuf.		1910-23
4. Items 1-3		1879-1909	11. Briar root, wood, ivy, etc.		1910-23
<i>061 Other animal fibers, manufactured</i>					
1. Human hair, cleaned		1923			

062 ^a <i>Wood and products, crude (cont.)</i>			
12. Other unmanuf. wood, free	1910-23, 1889-97, 1905-23		1884-1923 1916-23
13. Items 18, 19			
14. Items 1-3	1907-09		1919-23
15. Items 6, 8	1895-1909		1919-23
16. Items 10-12	1907-09		1916-18
17. Items 14, 16	1895-1906		1910-15
18. Other unmanuf. wood, dutiable	1898-1904		1919-23
19. Timber, hewn, squared, and sided	1879-88, 1898-1904		1919-23 1898-1918
20. Items 4, 5, 15, 17	1889-94		1910-12 1884-1909
063 ^a <i>Wood and products, exc. paper, semimanufactured</i>			
1. Boards, planks, deals, etc.	1914-23		1884-88 1879-83
2. Sawed cabinet woods	1914-23		
3. Cork bark or wood, unmanufactured	1919-23		
4. Cork waste and shavings	1919-23		
5. Items 3, 4	1913-18		
6. Chair cane or reed	1879-1912		
7. Other lumber, free	1913-23		
8. Other lumber, dutiable	1914-23		
9. Items 7, 8	1914-23		
10. Items 1, 2	1879-1913		
064 <i>Wood and products, exc. paper, manufactured</i>			
1. Laths	1899-1923		
2. Shingles	1899-1923		
064 <i>Wood and products, exc. paper, manufactured (cont.)</i>			
3. Furniture			
4. Baskets			
5. Other manufs. of wood incl. osier and willow			
6. Timbers, other than sawed			
7. Items 5, 6			
8. Items 4, 7			
9. Cork disks, wafers, and washers, etc.			
10. Other manufs. of cork			
11. Items 9, 10			
12. Chair cane or reed			
13. Items 8, 12			
14. Other unmanuf. wood, dutiable			
15. Items 3, 13, 14			
065 ^a <i>Paper and related products, semimanufactured</i>			
1. Wood and other pulp, mechanically ground		1909-23	
2. Chemical wood pulp, sulphite, unbleached		1917-23	
3. Chemical wood pulp, sulphate, unbleached		1917-23	
4. Items 2, 3		1909-16	
5. Chemical wood pulp, sulphite, bleached		1917-23	

(continued)

TABLE C-8 (continued)

Commodity Composition	Years		Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
065 ^a Paper and related products, <i>semimanufactured</i> (cont.)			066 ^a Paper and products, <i>manufactured</i> (cont.)		
6. Chemical wood pulp, sulphate, bleached	1920-23	1917-19	17. Items 1, 9	1909-10	1911
7. Items 5, 6	1909-16		18. Items 2, 8		1910
8. Items 1, 4, 7	1889-1908		19. Items 12, 18		
			20. Items 3, 11, 19	1909	
			21. Items 17, 20	1905-08	
066 ^a Paper and products, <i>manufactured</i>			22. Parchment paper		1899-1904
1. Standard newsprint	1911-23		23. Item 21 minus item 22	1899-1904	
2. Wrapping paper	1913-23	1912	24. Cigarette paper, pipes, smokers' articles		1899-1922
3. Surface coated paper	1910-23		25. Post cards and other lithographic		
4. Pulp boards in rolls	1919-23		printed matter	1899-1912	
5. All other paper, exc. printed matter		1919-23	26. Other paper and products, manuf.		1879-98
6. Items 4, 5		1914-18			
7. Decals, not printed		1914-23			
8. Items 6, 7		1912-13			
9. Other printing paper: 1911-12		1913-23	067 Coal, <i>crude</i>		
10. Cigarette paper: books, covers		1913-23	1. Bituminous coal	1879-1923	1898-1909,
		1913-23	2. Anthracite coal	1918-23	1912-17
11. Photographic paper	1910-12				
12. Hanging paper		1911-23			
13. Books and other printed matter, free		1879-1923	068 Coal, <i>semimanufactured</i>		
14. Books and other printed matter, dutiable		1879-1923	1. Coke	1906-23	
15. Post cards, lithographed		1913-23			
16. Lithographic printed matter, n.e.s.		1913-23	069 ^a Petroleum and related products, <i>crude</i>		
			1. Petroleum, crude	1913-23	
			2. Lubricating, illuminating, and fuel oils, tops, and other unfinished products		1913-23

APPENDIX C

069 ^a Petroleum and related products, crude (CONTR.)			
3. Items 4, 5	1909-12		
4. Mineral oil, free	1899-1908		
5. Mineral oil, dutiable	1899-1908		
070 Petroleum and related products, semimanuf.			
1. Asphalt and bitumen	1884-88		
2. Paraffin wax and paraffin	1889-1923		
	1916-23		
071 Petroleum and related products, manufactured			
1. Gasoline, naphtha, and other light finished products	1913-14,	1915-16	
	1917-23		
072 ^a Precious stones, crude			
1. Diamonds, rough, uncut	1914-23		
2. Diamonds, glaziers', engravers', etc.	1916-23		
3. Other precious stones incl. bort	1916-23		
4. Item 3, exc. bort	1899-1915		
5. Items 1, 2	1899-1913		
6. Diamond dust and bort	1904-09		
073 ^a Precious stones, semimanufactured			
1. Diamonds, cut, but not set	1898,		
	1913-23		
2. Pearls, not strung or set	1911-23		
073 ^a Precious stones, semimanufactured (CONTR.)			
3. Imitation precious stones	1912-23		
4. Other precious and semiprecious stones, cut, but not set	1898-1900,		
	1912-23		
	1908-12		
5. Gold and silver jewelry	1908-12		
6. Other manufs. of gold and silver	1911		
7. Items 3, 4	1901-10		
8. Items 2, 7	1901-07		
9. Items 5, 6	1898-1900		
10. Items 8, 9			
11. Diamonds, miners', glaziers', etc., and rough and uncut	1898		
12. Other precious stones, rough, uncut	1897		
13. Items 1, 11			
14. Items 3, 4, 12			
15. Jewelry, gold and silver manufs., pearls	1879-97		
16. Items 13, 14, minus item 17	1879-96		
17. Diamonds, miners', glaziers', etc.	1882-96		
074 Other nonmetallic minerals, crude			
1. Asbestos, unmanuf.	1907-23		
2. Kaolin, china, or paper clay	1911-23		

(continued)

TABLE C-8 (continued)

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
<i>074 Other nonmetallic minerals, crude (CONT.)</i>			<i>075 Other nonmetallic minerals, semimanufactured (CONT.)</i>		
3. Other clay	1911-23		3. Marble, breccia, onyx, crude	1919-23	1919-23
4. Mica, crude, un- manuf.	1913-23	1908-12	4. Manufs. of marble, breccia, onyx	1884-1918	1919-23
5. Pyrites or sulphuret of iron	1899-1923		5. Items 3, 4		1914-23 1916-23
6. Graphite or plum- bago	1882-1923		6. Other building and monumental stone, etc.		1916-23
7. Gypsum or plaster rock		1916-23	7. Cement, exc. Portland		1916-23
8. Flint and flint stones		1912-23	8. Mica, cut, split, manuf.		1916-23
9. Mineral wax or ozokerite		1913-23	9. Talcum, steatite, etc., ground, prepared		1916-23
10. Lithographic stones, not engraved		1912-23	10. Other stone and manuf.		1884-1913
11. Emery ore		1916-23	11. Items 5, 10	1879-83	
12. Corundum		1916-23	<i>076^a Other nonmetallic minerals, manufactured</i>		
13. Chalk, unmanuf.		1916-23	1. Earthenware, crockery, stone- ware, total	1914-23	
14. Monazite sand and thorite		1916-23	2. Chinaware, exported from U.K.	1914-23	
15. Fluorspar		1916-23	3. Glass: cylinder, crown, sheet, un- polished	1879-1923 1879-1923	1915-19
16. Items 2, 3	1882-1910		4. Salt		
<i>075 Other nonmetallic minerals, semimanufactured</i>			5. Plate glass, unsilvered	1879-1914, 1920-23	
1. Artificial abrasives, crude	1916-23				
2. Cement, Portland and other hydraulic	1882-1912, 1920-23	1913-19			

<i>076^a Other nonmetallic minerals, manufactured (CONT.)</i>			
6. Chinaware except from U.K.	1914-23	24. China, earthenware, etc., from U.K.	1899-1913
7. Glass containers, bottles, etc.	1884-1923 1922-23	25. China and earthenware except from U.K.	1899-1913 1911 1910
8. Items 9, 10		26. Items 10, 11	
9. Glass plates or disks for optical purposes		27. Items 12, 26	
10. Other glassware	1904-21	28. Glass: cylinder, crown, and sheet, polished, unsilvered	1885-88 1909
11. Optical instruments, incl. lenses and spectacles	1912-21	29. Item 27 minus item 28	1889-1909
12. Glass bottles, decanters, etc., cut or ornamented	1912-23	30. Plate glass, fluted, etc.	1879-88
13. Other stones, free		31. Item 29 minus item 30	1907-08
14. Asbestos, manuf.		32. Plate glass, cast, polished, silvered	1889-1906
15. Manuf. of carbon		33. Glass: cylinder, crown, sheet, polished, silvered	1885-88, 1899-1906 1884-1906
16. Carbon for electric lights	1911-23 1912-23 1912-23	34. Other glassware	1884-98
17. Electrodes, brushes, etc.	1916-21	35. China, earthenware, etc., not decorated	1884-98
18. Other manufs. of carbon	1916-21	36. China, earthenware, etc., decorated	1884-98 1879-84 1879-83
19. Chalk manuf.	1916-23	37. Items 28, 33	
20. Other natural abrasives	1916-23	38. Items 7, 34	
21. Artificial abrasives, manuf., incl. pumice, diamond dust, etc.		39. Items 23, 35, 36	
22. Meerschau, crude	1916-23		
23. Other earthen, stone, and chinaware, incl. bricks and tiles	1920-23 1884-98	<i>077^a Nonferrous metals, crude</i>	
		1. Manganese ores	1898-1923
		2. Chrome ore or chromite	1909-12 1913-23

(continued)

TABLE C-8 (continued)

<i>Import Class and Commodity Composition</i>	<i>Years</i>		<i>Import Class and Commodity Composition</i>	<i>Years</i>	
	Covered	Uncovered		Covered	Uncovered
<i>077^a Nonferrous metals, crude (CONT.)</i>			<i>078^b Nonferrous metals, semifabricated</i>		
3. Copper ore	1889-94, 1909-23	1879-88	1. Copper, unrefined, in pigs, bars, etc.	1916-23	
4. Copper concentrates	1916-23		2. Copper refined, in pigs, bars, etc.	1916-23	
5. Copper regulus, etc.	1909-15		3. Items 1, 2	1913-15	
6. Items 4, 5	1910-23		4. Copper, old, and clippings, for re-manuf.	1913-23	
7. Lead ore and matte			5. Brass, old, and clippings, for re-manuf.	1913-23	1904-12
8. Lead bullion or base bullion	1910-23		6. Tin bars, blocks, pigs	1879-1923	
9. Platinum, unmanuf.	1913-23		7. Aluminum metal, scrap, and alloys	1912-23	
10. Nickel ore and matte	1904-23	1912-23	8. Platinum ingots, bars, etc.	1912-23	
11. Zinc ore	1908-23	1916-23	9. Antimony, liquated, regulus, or metal	1899-1908, 1914-23	1898
12. Tin ore	1916-23		10. Antimony ore	1899-1908	1898
13. Aluminum ore or bauxite			11. Items 9, 10	1909-13	1895-97
14. Cobalt ore and metal			12. Lead: pigs, bars, old, etc.	1899-1912, 1916-23	1913-15
15. Gold and silver sweepings			13. Tungsten and other ferro-alloys		1911-23
16. Tungsten			14. Zinc: blocks, pigs, old, etc.	1884-1912	1913-23
17. Other crude minerals, incl. vanadium ore and other ferro-alloy ores			15. Composition metal, copper chief value		1913-23
18. Items 7, 8	1898-1909	1916-23			
19. Items 3, 6	1895-1908				
20. Lead: pigs, bars, old		1898			
21. Lead, other manuf.		1894-98			
22. Items 18, 20, and lead in silver ore	1894-97				
23. Items 21, 22	1891-93				
24. Item 23, exc. lead in silver ore	1889-90				

APPENDIX C

<i>078^a Nonferrous metals, semimanufactured (CONT.)</i>			
16. Brass manufs.	1899-1905, 1919-23	1899-1905, 1919-23	
17. Nickel manufs.	1919-23	1919-23	1883-88
18. Platinum manufs. dutiabie	1919-23	1919-23	1879-82
19. Tin manufs.			
20. Other manufs. of metal, incl. quick- silver and type metal	1919-23 1913-18	1919-23 1913-18	1884-88 1883
21. Items 16-20			
22. Plainum metals and native combinations thereof	1916-23	1916-23	1884-88
23. Other metals and alloys, free	1916-23	1916-23	1883
24. Copper ingots, bars, plates, etc., and old and composition metal			1879-82 1879-82 1879-82
25. Platinum, unmanuf.	1895-1912 1912		
26. Items 8, 25	1882-1911		
27. Manufs. of aluminum			
28. Other metals and alloys, etc., incl. elect. lamps	1912	1912	1919-23
29. Items 7, 27, 28	1911	1911	1913, 1919-23
30. Items 13, 29	1906-10	1906-10	1879-98, 1914-18
31. Item 30 minus item 16	1895-1905	1895-1905	1889-1912, 1922-23
32. Item 24, and copper regulus, etc.	1879-94	1879-94	1913-21
33. Items 11, 31	1884-94	1884-94	1913-21
<i>078^a Nonferrous metals, semimanufactured (CONT.)</i>			
34. Item 35, and other manufs. of lead			1883-88
35. Lead: pigs, bars, old, etc.			1879-82
36. Zinc sheets and other manufs. of zinc			1884-88 1883
37. Items 14, 36			
38. Zinc bars, blocks, pigs, and manufs. of zinc	1879-82	1879-82	1884-88
39. Zinc sheets	1879-82	1879-82	
40. Brass and manufs.			
41. Metals, alloys, metal composition and manufs.			1883
42. Items 40, 41			1879-82
43. Lead manufs.			1879-82
44. Other manufs. of tin			1879-82
<i>079 Nonferrous metals, manufactured</i>			
1. Watches and watch movements	1913	1913	1913-23
2. Cases and parts of watches, incl. jewels, exc. dials			1913, 1919-23
3. Items 1, 2	1899-1912	1899-1912	1879-98, 1914-18
4. Items 5, 6			1889-1912, 1922-23
5. Zinc dust			1913-21
6. Other manufs. of zinc			1913-21

(continued)

TABLE C-8 (continued)

	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
079	<i>Nonferrous metals, manufactured (CONTR.)</i>				
7.		1882-1923	Scrap iron and steel	1899-1923	1889-98
8.		1913-23	Ferromanganese	1913-23	
9.		1919-23	Other pig iron	1913-23	
10.		1919-23	Tin plates, tern-plates, and taggers' tin	1879-1914, 1923	1915-22
11.		1913-18	Items 8-10	1884-1913, 1922-23	
12.		1879-1923	Steel ingots, blooms, etc., free	1914-21	
13.		1889-1923	Steel ingots, etc., bessemer or open hearth, dutiable	1919-21	
14.		1899-1923	Steel ingots, etc., crucible, electric, or cementation process	1919-21	
15.		1913-23	Items 9, 10	1914-18	
16.		1912-23	Iron and steel sheets and plates	1891-98	
17.		1879-98	Wire rods	1883-1912	
080	<i>Iron and steel products, crude</i>				
1.		1909-23	Pig iron, incl. ferro-manganese and ferrosilicon	1879-1912	
2.		1882-1908	Sheet, plate, and taggers' iron	1879-90	
3.		1882-1908	Item 12 and hoops, strips, etc. of steel	1884-88	
4.		1879-1923			
081 ^a	<i>Iron and steel products, semifinished</i>				
1.		1879-1923			

<i>001^a Iron and steel products, semimanufactured (CONTR.)</i>		<i>002^a Iron and steel and products, manuf. (CONTR.)</i>	
18. Hoop, band, and scroll of iron	1879-88	14. Other manufs. of iron and steel, free	1914-16, 1923
19. Iron scrap	1889-90	15. Shotgun barrels	1891-1916, 1923
20. Items 7, 17	1883	16. Items 14, 15	1917-22
21. Items 13, 20	1879-82	17. Items 13, 14	1913
<i>002^a Iron and steel and products, manuf.</i>		18. Cutlery	1889-1912
1. Rails for railways	1879-88, 1899-1907, 1913-23	19. Aeroplanes	
2. Structural shapes, and building forms	1913-23	20. Bicycles, motor-cycles, etc.	1912
3. Wire and manufs. of	1879-1923	21. Other vehicles and parts	1912
4. Pen and pocket knives	1913-15, 1919-23	22-23, 25-26, 28-29, 33-34, 36-37, 41-42.	
5. Scissors and shears	1913-15, 1919-23	All other manufs. of iron and steel	1879-1912
6. Needles, hand and sewing, darning, shoe machine, etc.	1919-23	(varying content)	1879-98
7. Razors and parts of	1919-23	24. Firearms, dutiable	1899-1909
8. Other cutlery	1913-23	27. Hoop, band, and scroll	1899-1908
9. Antifriction balls and bearings	1912-23	30. Files	1879-1904
10. Table and kitchen-ware, etc.	1907-23	31. Chains	1884-1904
11. Other needles	1919-23	32. Anvils	1884-88
12. Other manufs. of iron and steel, dutiable	1919-23	35. Hoops, bands, ties, for baling cotton	1889-96
13. Items 11, 12	1914-18	38. Item 6, and other needles	1884-88
		39. Steel scrap	1884-88
		40. Hoop, band, and scroll of iron	1879-88
		43. Anchors, chains, cables, of all types	1879-82

(continued)

TABLE C-8 (continued)

Commodity Composition	Years		Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
082^a Iron and steel and products, manuf. (CONT.)			084 Vehicles (CONT.)		
44. Saws and tools		1879-82	2. Chassis	1913-23	1922-23
45. Hardware		1879-82	3. Items 4, 5		1913-21
46. Castings		1879-82	4. Parts of automobiles		1917-21
083 Machinery			5. Items 6, 7		
1. Electric lamps, incandescent, carbon filaments		1913-23	6. Bicycles, motorcycles, other cycles and parts		1913-16 1915-16
2. Electric lamps, incandescent, metal filaments		1913-23	7. Items 8-10		1913-14
3. Agricultural machinery and implements		1913-23	8. Aeroplanes		1913-14
4. Metalworking machine tools		1915-23	9. Parts of aeroplanes		1913-14
5. Sewing machines and parts		1915-23	10. Other vehicles and parts		1913-14
6. Textile machinery		1915-23	11. Parts of autos, incl. chassis		1899-1912
7. Cream separators, valued not over \$50.00		1915-23	085 Chemicals and allied products, crude		
8. Other machinery, free dutiable		1915-23	1. Guano	1899-1912	1879-98, 1913-23
9. Other machinery, dutiable		1915-23	2. Bone phosphates, dust, ash, and meal	1906-1923	
10. Other electric lamps		1915-18	3. Item 12 and other fertilizers	1913-23 1913-17, 1919-23	1911-12 1911-12, 1918
11. Items 7, 8		1879-1914	4. Manure salts	1910-15, 1919-23	1916-18
12. Items 3-6, 9, 11			5. Kainite	1919-23	
084 Vehicles			6. Dried blood	1919-23	1916-18
1. Autos	1899-1923		7. Calcium cyanamid	1910-12	
			8. Other fertilizers, inc. manure salts and crude phosphates		1910

APPENDIX C

085 Chemicals and allied products, crude (CONTR.)			
9. Kainite, kieserite, kyanite, etc.	1899-1909		
10. Items 7, 8	1909		
11. Item 10, exc. 12	1906-08		
12. Crude phosphates	1882-1908		
13. Items 2, 11	1899-1905		
14. Other fertilizers	1882-98		
086^a Chemicals, semimanufactured			
1. Sodium nitrate	1879-1923		
2. Calcium cyanamid	1913-23		
3. Sulphate of ammonia	1907-23		
4. Potassium chloride	1884-1923		
5. Potassium sulphate	1907-23		
6. Dead or creosote oil	1899-1923		
7. Arsenic sulphide	1910-23		
8. Glycerin	1884-1923		
9. Muriate of ammonia	1912-23		
10. Iodine, crude	1907-23		
11. Potassium bitartrate, crude, argols, or wine lees	1879-1923		
12. Oxalic acid	1913-23		
13. Potassium carbonate	1907-23		
14. Potassium compounds, n.e.s.	1913-23		
15. Other acids, free	1913-23		
16. Other acids, dutiable	1917-23		
17. Item 16 and benzoic acid	1913-16		
18. Indigo, natural	1899-1921		
19. Indigo, synthetic	1899-1921		
086^a Chemicals, semimanufactured (CONTR.)			
20. Potassium nitrate, crude, or saltpeter	1879-1912		1913-23
21. Potassium hydrate (hydroxide)	1907-12		1913-23
22. Potassium cyanide	1910-12		1912-23
23. Citrate of lime	1910-12		1913-23
24. Chlorinated lime or bleaching powder	1879-1912		1913-23
25. Benzene and toluene			1919-23
26. Naphthalene			1919-23
27. Items 28, 30			1922-23
28. Other crude coal tar products, incl. toluol			1919-21
29. Cresol			1919-21
30. Carbohc acid, crude			1917-21
31. Items 25, 26, 28, 29			1907-18
32. Carbohc acid, semi-manuf. (phenol)			1917-23
33. Items 30, 32			1912-16
34. Alizarin and derivatives	1889-98		1884-88, 1899-1923
35. Colors or dyes, n.e.s.			1884-1923
36. Items 37, 38			1922-23
37. Aniline salts			1907-21
38. Other coal tar intermediates			1919-21
39. Benzoic acid and other coal tar intermediate acids			1919-23
40. Coal tar medicinals			1919-23
41. Other finished coal tar chemicals			1919-23
42. Items 38-41			1917-18

(continued)

TABLE C-8 (continued)

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
<i>086^a Chemicals, semimanufactured (cont.)</i>					
43. Item 42, exc. benzoic acid		1907-16	63. Calcium acetate, carbide, chloride, crude, and nitrate		1919-23 1918
44. Fusil oil, or amylic and butyl alcohol	1910-23		64. Items 62, 63		
45. Camphor, natural, crude	1899-1923	1879-98	65. Item 64 and magnesite, not purified, crude		1913-17 1916-23
46. Magnesite, not purified	1920-23	1918-19	66. Tar and pitch		1891-98
47. Magnesite, calcined, not purified	1910-12	1913-17	67. Items 5, 13, 21	1899-1906	
48. Other sodium com- pounds, free		1915-23	68. Other chemicals, n.e.s., dutiable		1912 1911
49. Other sodium com- pounds, dutiable		1915-23	69. Items 9, 68		
50. Items 48, 49		1908-14	70. Medicinal preparations, n.e.s., dutiable		1911-12 1911-12
51. Sulphur or brimstone	1879-1912	1913-23	71. Other gums, dutiable		1912
52. Lithopone and other zinc pigments		1919-23	72. Other acids, dutiable		1911
53. Pigments other than zinc, and varnish		1919-23	73. Items 12, 72		1910
54. Items 52, 53		1919-23	74. Items 69-71, 73		1910-11
55. Sodium cyanide		1883-1918	75. Items 14, 21		
56. Egg albumen		1915-23	76. All other chemicals, dutiable		1909 1909-12
57. Balsams, crude		1919-23	77. Gelatin		
58. Extracts for dyeing and coloring		1919-23	78. Camphor, refined, synthetic	1909-12	
59. Other chemicals, dutiable		1919-23	79. All other chemicals, dutiable; incl. gelatin and ref. synthetic camphor		1907-08
60. Items 56-59		1915-18	81. Items 3, 43, 79, and quebracho extract		1905-06
61. Items 55, 60		1913-14			
62. Other chemicals, free		1919-23			

086^a Chemicals, semimanufactured (CONT.)			
82. All other chemicals, n.e.s., dutiable	1891-1904		1884-88
83. Potassium chlorate	1891-98		1884-88
84. Other acids, free			
85. Items 33, 84	1910-11		1879-83
86. Other chemicals, n.e.s., free	1912		1879-83
87. Item 86 and other crude dyewoods and logwood			1879-83
88. Items 85, 87, minus logwood	1910-11		1879-88
89. Item 88 minus other crude dyewoods	1909		1879-88
90. Vegetable wax	1907-08		1879-82
91. Mineral wax	1910-12		1879-82
92. Items 90, 91	1907-09		1879-82
93. All other chemicals, free	1905-06		1879-82
94. Other chemicals, free, exc. cochineal	1884-1904		
95. Cochineal	1879-1904		
96. Items 98-100	1905-07		
97. Soda ash	1893-98		
98. Other sodium compounds	1889-1907		
99. Sal soda	1889-1904		1889-1923
100. Caustic soda	1893-98		1913-23
101. Items 97, 99	1879-98		1913-23
102. Items 18, 19	1879-92		
103. Mineral oil, free	1879-98		1913-15,
104. Mineral oil, dutiable			1919-23
105. Items 103, 104	1895-98		1916-23
106. Items 67, 82, 83	1879-94		1919-23
	1884-90		1913-18
086^b Chemicals, semimanufactured (CONT.)			
107. Licorice root			1884-88
108. Quinine			1884-88
109. Logwood and other dye extracts			
110. Ground sumac			
111. Other chemicals, dutiable			
112. Items 34, 94			
113. Sodium bicarbonate			
114. Other sodium compounds			
115. Whiting and paris white			
116. Red lead and litharge			
117. Other paints, colors, etc.			
118. White lead			
087 Chemicals and allied products, manufactured			
1. Quinine sulphate and other alkalies and salts from cinchona			1889-1923
2. Camphor, refined, synthetic			1913-23
3. Soap, castile			1913-23
4. Other explosives, n.e.s.			1913-15,
			1919-23
5. Fulminates, gunpowder, etc.			1916-23
6. Other soap			1919-23

(continued)

TABLE C-8 (concluded)

Import Class and Commodity Composition	Years		Import Class and Commodity Composition	Years	
	Covered	Uncovered		Covered	Uncovered
087 <i>Chemicals and allied products, manufactured (conr.)</i>			088 <i>Miscellaneous (conr.)</i>		
7. Perfumery and cosmetics		1879-1923	9. Buttons, pearl or shell		1919-23 1919-23
8. Medicinal preparations, n.e.s.		1913-23	10. Buttons, all other		1879-1918
9. Soap, medicated, and perfumed, incl. castile	1909-12		11. Items 9, 10		
10. Other soap, exc. item 11		1909-12	12. Pipes and smokers articles, exc. cigarette paper, books, etc.		1884-1898, 1913-23
11. Soap, medicated and perfumed	1889-1908		13. Beads and bead ornaments		1884-88, 1904-23
12. Other soap		1882-88	14. Pencils		1904-23
13. Explosives		1882-1908	15. Other musical instruments, parts, and accessories		1879-1923
14. Collodion and manufactures		1910-12	16. Household and personal effects		1879-1923
088 <i>Miscellaneous</i>		1916-23	17 to 21. Not used		
1. Motion picture films, positives		1911-23	22. Photographic goods, exc. paper		1916-23
2. Motion picture films, sensitized, not exposed		1914-23	23. Other photographic goods		1916-23
3. Motion picture films, negatives		1912-23	24. Pens and penholders		1916-23
4. Other films, sensitized, not exposed		1914-23	25. Toys: fishing rods, etc.		1916-23
5. Items 2, 4		1911-13	26. Scientific and professional instruments		
6. Other toys		1913-23	27. Phonographs		1916-23
7. Dolls and parts of		1913-23	28, 29. Not used		1916-23
8. Matches		1912-23			

088	<i>Miscellaneous (CONT.)</i>		
	30. Articles imported under bond for export within 6 months	1916-23	1916-23
	31. Products of Philippine Islands	1916-23	1916-23
	32. Products of Virgin Islands	1919-23	1897-1909
	33. Products of Cuba	1923	1895-96
	34. Other toys and dolls	1884-1912	
	36. Feathers, artificial	1884-88	1919-23
089	<i>Art works</i>		
	1. Art works, the products of American artists	1879-1894, 1897-1923	1911-23
	2. All other art works	1910-23	1911-23
	3. Items 4, 9	1910-18	1879-87, 1909-10
	4. 100-year old works of art	1919-23	1888-1908 1888-1908
089	<i>Art works (CONT.)</i>		
	5. Works of art for exhibition		1916-23
	6. Statuary, regalia, etc. for religious and educational purposes		1916-23 1879-94, 1897-1909
	7. Items 2, 3		1895-96
	8. Items 1, 7		1919-23
	9. Original paintings, statuary, etc.		
090	<i>U.S. exports returned</i>		
	1. Automobiles		1911-23
	2. All other exc. automobiles		1911-23
	3. Items 1, 2		1879-87, 1909-10
	4. Item 3, exc. distilled spirits		1888-1908
	5. Distilled spirits		1888-1908

^a Price and quantity indexes and values presented for these classes in Tables C-1 through C-6.

APPENDIX C

NOTES TO TABLE C-8

Import Class:

001

Based to a considerable extent on outside price data.

Items:

1. 1890-1923: Canadian price of butcher's cattle: choice steers, price per cwt. at Toronto, from various issues of Canada, Dominion Bureau of Statistics, Internal Trade Branch, *Prices and Price Indexes*, and Canada, Dept. of Labour, *Wholesale Prices in Canada*.
- 1884-89: Canadian price of cattle, live—1st quality (export steers), price per cwt. in Toronto, from K. W. Taylor and H. Michell, *Statistical Contributions to Canadian Economic History*, Vol. II, Toronto, 1931.
- 2, 8, and 9. Canadian price of sheep, price per cwt. at Toronto. For sources see item 1.
3. 1889-99: Canadian wholesale price of eggs: storage, in case lots, at Toronto, 1890-99; and of eggs (new laid), 1889. For sources see item 1.

002

To a considerable extent, 1889-1923 based on outside price data. Quarterly values for items 9-12 for 1913-18 were estimated from quarterly data for imports of total fresh fish including salmon and annual data on Canadian exports, by type of fish. In order to simplify index computations, imports for item 7 were not estimated separately (we had no price index to use for fresh salmon) but were distributed proportionately among the other types.

Canadian price data are from *Prices and Price Indexes* and *Wholesale Prices in Canada*.

Items:

- 3 and 9. Canadian price of halibut, fresh, white, at Canso, N.S.
- 4 and 10. Canadian price of whitefish, at Toronto.
5. Canadian price of mackerel, salted, at Halifax.
6. Canadian price of herring, salted, at Halifax.
11. Same as item 5, for 1913. Extrapolated to 1918 by mackerel, at Montreal.
12. Same as item 6, for 1913. Extrapolated to 1918 by herring, salted, at Canso, N.S.
- 13 and 14. Canadian price of whitefish, at Toronto.

004

To a considerable extent, 1889-1913 based on outside price data.

Items:

1. 1913-23: Imports of wheat, mainly from Canada, were responsible for the growth of this class. Approximately half of the \$45 million of wheat grain imported in 1922-23 were for milling in bond and export as flour. The rest, imported for U.S. consumption despite the \$.30 a bushel tariff (roughly 30 per cent) imposed in 1921, was apparently hard red spring wheat, superior to most U.S. wheat (see Henry C. Wallace, *The Wheat Situation: A Report to the President*, Washington D.C., 1922, pp. 13, 27, 31-32).
- 1889-1913: Canadian wholesale prices of wheat, Ontario, No. 2, White.
2. 1899-1913: Canadian wholesale price of oats, Western, No. 2, White.
3. Instead of following domestic prices, the import unit values for corn used here follow those from Argentina; these in turn resemble the spot price of corn in Buenos Aires (U.S. Department of Agriculture, *Yearbook*, 1924, p. 615).
4. Rice has been treated as a covered item from 1913 through 1921, but we have used as a base the 1923 import unit value from Japan only. It was not clear that the fall in price from 1921 to 1923 occasioned by the shift from Japanese to Mexican rice, was a price, rather than quality, change. As we have used it, the unit values follow fairly closely the Tokyo price of average quality brown rice (see V. D. Wickizer and M. K. Bennett, *The Rice Economy of Monsoon Asia*, Food Research Institute, Stanford University, California, 1941).

APPENDIX C

NOTES TO TABLE C-8 (continued)

5. For a few quarters in 1896 and 1898, when quantities imported were small and unit values showed violent fluctuations unrelated to price movements, we discarded the unit values and interpolated by the Canadian wholesale price of barley, Ontario No. 2.

005

Items:

4. Potatoes were imported mainly from Canada during 1917-18; we therefore used these imports alone for the 1923 base.
6. 1919-20: The 1923 import unit value of potatoes from Canada was used to estimate base-year quantity because Canada was the main source of imports in 1919 and 1920.
1899-1913: In this period, fluctuations in import unit values for potatoes were violent and largely inverse to those of the American domestic price. Imports of potatoes were of two distinct types: those from the United Kingdom, which came in large amounts, but sporadically, mainly in years when the American domestic price was high, and more stable import quantities from Bermuda, with unit values about three times as high as those from the U.K. Thus, when U.S. prices were high, imports were dominated by low-priced potatoes from the U.K., and the unit value was therefore low, but when U.S. prices were low, imports were dominated by the high-priced imports from Bermuda, and the unit values were therefore high. Since we were more interested in coverage for the years when imports were large, we tried to put together a series that would be consistent for those years and would follow the movements of U.K. export unit values which are shown in U.K. Statistical Abstracts. We did not use the unit values for each quarter of every year, but only those, mainly the large ones, which followed the pattern of the U.K. export prices. We then applied these quarterly unit values to the rest of their respective years, in place of the actual ones. For this reason, the quarterly movements of the series are somewhat arbitrary.
1879-99: The procedure used here was similar to that for the 1899-1913 period, but the annual fluctuations followed U.K. prices much better and fewer of the quarterly changes had to be smoothed out.

006

The 1879-83 period based on outside price data.

Item:

17. Prices are a weighted index (with fiscal 1883 imports-for-consumption weights) of Bezanson series for pepper, pimiento, cassia, cloves, and nutmeg, with fiscal 1883 as 100. To arrive at a base year price, the index is extrapolated to 1889 by a Fisher "ideal" index of the import unit values of pepper and nutmeg.

007

To a considerable extent, 1879-99 based on outside price data.

Items:

10. Import unit values extrapolated back from 1919 to 1907 by import unit values of copra, not prepared.
13. 1889-99: The 1899 U.S. import unit value is extrapolated back to 1895 by United Kingdom import unit values, and from 1895 back to 1889 by Bezanson prices of lemons from Sicily. Italy was the main source of lemon imports.
1884-89: Bezanson prices of lemons.
18. 1889-99: The U.S. annual 1900 import unit value was extrapolated back to 1893 annually by U.K. import unit values. Approximate quarterly values were obtained by using British values, roughly deseasonalized and then multiplied by a crude American seasonal index derived from import unit values for 1899-1905. The resulting quarterly series was then adjusted to the level of the

APPENDIX C

NOTES TO TABLE C-8 (continued)

- annual series. The 1893 annual unit value was then extrapolated back to 1890 by a similar process using U.K. values for lemons and oranges combined, and to 1889 by U.S. imports-for-consumption unit values for oranges in boxes, 1.5 to 2.5 cubic feet.
- 1884-88: U.S. imports-for-consumption unit values averaged to estimate calendar year prices and multiplied by the seasonal index mentioned above to get quarterly prices.
24. 1879-89: Import unit values extrapolated back to 1879 from 1884 by Bezanson prices of almonds.
25. The trend in general import unit values of walnuts was biased upwards because of a shift from unshelled to shelled nuts. We were able to construct a fiscal annual Fisher "ideal" index from imports-for-consumption data for the two types separately, and we adjusted the quarterly general import unit values to the movements of this index.
36. Import unit values extrapolated from 1884 back to 1879 by Aldrich prices of prunes, Turkish.
38. Aldrich prices of currants, Zante.
41. Import unit values extrapolated back from 1884 to 1879 by Bezanson price of raisins, Valencia.
42. Annual export unit values of bananas from Jamaica, D. W. Rodriguez, *Bananas: An Outline of the Economic History of Production and Trade With Special Reference to Jamaica*, Department of Agriculture, Commodity Bulletin No. 1, Kingston, Jamaica, 1955. These were multiplied by a seasonal index derived from 1908-11 U.S. import unit values. Quarterly values for 1879-83 were estimated by annual imports-for-consumption ratios from general imports data for all other fruits.
46. Price index for lemons and oranges, with 1884 weights consisting of the Bezanson price of lemons and an orange price series constructed from Jamaican annual export unit values multiplied by the seasonal price index described above (Item 18). The Jamaica export unit values are from Great Britain, Parliament, *Sessional Papers*, 1892. Quarterly import values for oranges and lemons were estimated from quarterly import values for all fruits by the use of annual ratios from imports-for-consumption data.

008

Tea imports were broken down by country in 1913-23 to eliminate the effects of shifts among qualities and types of tea. There was a wartime shift, partially reversed afterwards, in the origin of black tea, from Great Britain to the British and Dutch East Indies, and there was a long-term trend, in evidence since the 1890's, away from green tea (mostly from China) to black tea (from India and Great Britain). We were not able to make the same breakdown of quarterly import data in the 1899-1913 period, and the price index for those years is therefore biased upwards, since black tea was more expensive than green tea.

011

To a considerable extent, 1899-1907 based on outside price data.

1913-23: Import unit values for bananas are dubious on two counts. First, they did not follow closely the price of bananas in New York during 1913-23, the only period for which we could make a comparison. Second, they involve, to some extent, transactions by American companies with their own subsidiaries in a product for which the market is not developed in the producing country. For these reasons there is considerable doubt as to the meaning of any price that might have been reported. We decided to use the unit values, however, because the figures for different countries of origin show similar movements and because they agree quite well with export unit values reported by the countries of origin, where we could make the comparison.

APPENDIX C

NOTES TO TABLE C-8 (continued)

1899-1913: Quarterly import unit values were used for 1908-13. The U.S. import value was then extrapolated back from 1908 to 1900 by United Kingdom import unit values multiplied by the seasonal pattern for U.S. import values, 1908-11. The series was then extended back to 1899 by the export unit value of bananas from Jamaica, also multiplied by the U.S. seasonal pattern.

1889-99: Jamaica export unit values multiplied by U.S. seasonal price pattern, 1908-13. Jamaica export unit values are from D. W. Rodriquez, *Bananas: An Outline of the Economic History of Production and Trade with Special Reference to Jamaica*.

012

To a considerable extent, 1879-83 based on outside price data.

Items:

1. Unit value extrapolated back from fiscal 1884 by Canadian wholesale price of butter (dairy prints) in Toronto. Values estimated from values for provisions using annual ratios from imports-for-consumption data.
2. Canadian wholesale price of milk: prices paid to producers, Montreal.
10. Unit values extrapolated back from fiscal 1884 by Canadian wholesale price of cheese (new large) in Toronto. Values estimated as for item 1.
- 11 and 12. 1913 figures are derived from imports-for-consumption data.
- 13 and 14. General import data give only the combination of mutton and lamb. We separated them using annual ratios derived from imports-for-consumption data.

013

Item:

5. Unit values extrapolated back to 1913 by using the last half of 1918 ratio, by the WIB price for sardines, $\frac{1}{4}$ oils, keyless, canned.

017

To a considerable extent, 1899-1918 based on outside price data.

Item:

2. 1913-23: Import unit values extrapolated back from 1919 to 1914-18 by export unit values for pearl tapioca from the Straits Settlements. These data are from Straits Settlements, Import, Export, and Statistical Office, *Return of Imports and Exports*. These prices were extrapolated to 1913 by Canadian wholesale prices of tapioca, medium pearl, at Toronto.
- 1899-1913: Canadian wholesale prices of tapioca.

020

Item:

3. Import unit values extrapolated back from 1891 to 1889 by import unit values for class 019, item 6. The very sharp rise in imports of refined sugar after 1890 is due to the cut in tariffs under the 1890 Act. The rate dropped from 3-3.5 cents per pound (roughly 60 to 90% ad valorem), to .5-.6 cents (about 12 to 17% ad valorem).

021

1923 import unit values for malt liquors estimated from U.K. export unit values and for still wines, from U.K. import unit values.

022

Items:

2. Import unit value for 1923 estimated by using Canadian import unit value for countries other than the U.S. and the U.K.
- 3 and 4. Import unit values for 1923 estimated by using U.K. export unit values.

APPENDIX C

NOTES TO TABLE C-8 (continued)

023

Items:

1. Quarterly import quantities were adjusted to the level determined by a fiscal year Laspeyres index, on a calendar 1913 base, of imports-for-consumption unit values for capsicum, or red pepper; mustard seed, ground; and sage.
2. Quarterly import quantities were adjusted to the level determined by fiscal year imports-for-consumption unit values for mustard seed, ground or prepared, which was, by far, the main component of the group.

024

Item:

12. 1889-90: General import data combined leaf suitable for cigar wrapping with all other leaf before 1891. Since the former was almost twice as expensive as the latter, we adjusted the published quarterly quantities to the level implied by a fiscal year index of the two types separately, computed from imports-for-consumption data. The earlier figures were not adjusted because tobacco for cigar wrapping was of minor importance before 1889. We did, however, set the 1889 base-year price at the 1888 level to eliminate the effect of the shift to tobacco for cigar wrapping.

025

Cigars, cheroots and cigarettes from the Philippine Islands were much lower in price than those from other countries and were admitted free of duty. Before they became free, in 1909, imports from this source were negligible. We therefore used as a base the unit value for imports from countries other than the Philippine Islands.

026

Items:

4. Adjusted for shifts among countries of origin 1913-June 1917. A fiscal Fisher index using general imports country data was computed on a calendar 1923 base for "calfskins, dry and dry salted" from two groups of countries. Group 1: Finland, France, Germany, Latvia, Norway, Russia, and Dutch East Indies. Group 2: England, Canada, Argentina, Uruguay, New Zealand, British India, and Denmark. Quarterly quantities were adjusted to level of new fiscal quantities.
- 10 and 11. 1923 annual value estimated from "total sheep and lamb skins" by the ratio for the nine-months ending September 1922. 1923 annual quantity figure obtained by using a price extrapolated from that of the nine-months ending September 1922 by "total sheep and lamb skins."

027

To a large extent, 1883-89 and 1916-23 based on outside price data.

Items:

1. 1919 unit value extrapolated back to 1918 by Canadian wholesale price of sole leather, green hide crops.
2. Prices extrapolated back from 1919 and forward from 1921 by BLS, leather: glazed kid, black, top grade from Brazilian skins, No. 3030.
3. 1919-23 prices are Canadian wholesale prices of box sides "B", extrapolated back to 1916-18 by Canadian wholesale prices of upper leather, waxed.
4. Prices extrapolated back from 1919 to 1916 by Canadian wholesale prices of harness leather.
5. 1922-23 prices obtained by computing an index of leather prices obtained from *The Economist*, "Commercial History and Review." The items used in the index are shoulders from dry salted hides, shoulders from wet salted hides, bellies from dry salted hides, and bellies from wet salted hides.

APPENDIX C

NOTES TO TABLE C-8 (continued)

6. 1918-21 and 1923, see item 5.
14. 1916-17 and 1923, see item 5.
16. 1923 price is taken from 1923 price of item 1.
17. 1913 and 1923, see item 5.
22. 1884-89: Quantities obtained using prices from the Aldrich report—calfskins, tanned and dressed, French, J. Griffon and Co., for years 1885-89 and 1883. Prices were extrapolated back to 1884 by Aldrich report price for calfskins, tanned and dressed, French (E. Ogerau).
23. See item 22.
24. 1883 and 1889 prices extrapolated from Aldrich Report leather prices: calfskins, tanned and dressed, French, J. Griffon and Co.

028

Quarterly indexes are largely interpolated.

Items:

1. 1899-1913: Prices obtained by computing a fiscal year index for glove prices on a calendar 1913 base with imports-for-consumption unit values for gloves, Schmä-schen, of sheep origin, under 14", unlined; gloves, lamb, or sheep, "glacé" finish, not over 14", unlined; gloves, same as preceding description, piqué or prix seam; gloves, same, over 17", unlined; gloves, goat, kid, etc., "glacé" finish, not more than 14", unlined; gloves, same, piqué or prix seam, and gloves, same, over 17", unlined. Quarterly prices were obtained by a straight line interpolation.
- 1891-99: Quarterly prices used are interpolated freehand from an average of price relatives on a calendar 1899 base of imports-for-consumption fiscal unit values for gloves: "Schmäschen," "Lamb or Sheep" and "Goat or Kid."

029

To a considerable extent, 1879-1918 based on outside price data. Quarterly indexes are largely interpolated.

Items:

10. 1919-23: Prices obtained by straight line interpolation of a calendar annual Fisher "ideal" index on a 1923 base for undressed furs. This index was computed from imports-for-consumption value and quantity data for fox, hare and rabbit, marten, mink, mole, muskrat, and squirrel.
- 1899-1913: Prices obtained by straight line interpolation of a calendar annual Fisher "ideal" index on a 1911 base for undressed furs. This index was computed from value and quantity data of Hudson's Bay Company fur sales for silver fox, white fox, lynx, marten, mink, land otter, and muskrat as given in J. W. Jones, *Fur-Farming in Canada* (Canada, Commission of Conservation, Ottawa, 1914). 1913 prices obtained by extrapolation.
- 1879-98: Prices obtained by interpolation of a calendar annual Fisher "ideal" index on an 1899 base using the same furs (excluding white fox) and the same source as for the 1899-1913 period.
11. Quarterly prices of "001 H hair, best," from WIB Price Bulletin No. 27, *Prices of Hatter's Fur and Fur Felt Hats* for 1913-18. The 1923 figure obtained by extrapolating above to 1919 by import unit values of "furs, undressed total" (1919 and 1918 third and fourth quarters) and to 1923 by the fur price index used for item 10.
12. Weighted average of price relatives of Canadian wholesale prices for mink, weighted once, and muskrat, weighted twice.

031

To a considerable extent, 1899-1911 based on outside price data.

Items:

1. 1912-23: Prices are Union of South Africa export unit values for ostrich feathers

APPENDIX C

NOTES TO TABLE C-8 (continued)

taken from reports of the Customs and Excise Department and converted to dollars.

13. 1899-1911: Same as for item 1, and for earlier years, similar records of the Cape of Good Hope, published in the *Government Gazette*.
- 032
- To a considerable extent, 1913-17 based on outside price data.
- Item:
2. Price for last half of 1918 extrapolated back through 1913 by WIB price of West Australia pearl shells.
- 036
- The period 1892 and first half of 1893 based on outside price data.
- Item:
10. 1892 and first half of 1893 prices obtained by interpolating between fourth quarter 1891 and third quarter 1893 by BLS Para Island rubber prices. These prices were multiplied by the published quantity figures to obtain new values. The adjustment of values for this period was made in order to correct for a depreciation in the value of Brazilian paper money not reflected in the published values (see *Foreign Commerce and Navigation of the U.S.*, 1893).
- 039
- To a considerable extent, 1894-1906 based on outside price data.
- Items:
- 6 and 7. Unit values interpolated between 1917, third quarter and 1919, second quarter, by Italian olive oil price. (*Annuario Statistico Italiano*).
 - 17, 22, and 23. Quarterly prices are U.K. prices of palm oil, Lagos, from *The Economist*.
 24. 1894-99: Prices obtained by extrapolating the fiscal 1893 unit value by U.K. price of palm oil, Lagos, from *The Economist*.
1899-1905: See item 17.
- 040
- The years 1879-83 based on outside price data.
- Item:
30. Prices for 1879-83 are Aldrich report price for opium.
- 041
- To a considerable extent, 1891-99 based on outside price data. In the same period, quarterly indexes are largely interpolated.
- Items:
21. Price used is Bezanson price for catch, 1891-96, extrapolated to calendar 1899 by imports-for-consumption unit value of copal, damar, and kauri. Prices for 1897-98 are interpolated on a straight line between 1896, fourth quarter, and 1899.
 22. Prices for 1890 and 1889 are Bezanson prices for catch. 1899 price is assumed to be the same as for item 21.
- 044
- Based to a considerable extent on outside price data. Quarterly indexes are largely interpolated.
- Items:
2. 1918-23: Prices are a quarterly Laspeyres index computed from prices for bergamot, cassia, citronella, orange, lavender, and spike lavender, taken from *Perfumery and Essential Oil Record (Supplement: Market Prices)*, New York; and weights taken from 1923 values given in imports for consumption.

APPENDIX C

NOTES TO TABLE C-8 (continued)

1913-17: Prices are a quarterly Laspeyres index computed from WIB prices for oils of bergamot, cassia, orange, lavender, and rose, linked to 1923 and weighted by 1923 imports-for-consumption values.

3. Prices are a fiscal Laspeyres index on a calendar 1913 base computed from imports-for-consumption unit values for oils of bergamot, cassia, citronella, lavender, and rose, and weighted by imports-for-consumption values. Quarterly prices obtained by straight line interpolation.
4. 1884-1909: Same as item 3 except that lemon and orange have been included in the index.
7. 1879-83: See item 3.
8. 1879-83: Bezanson price for lemon oil.

047

Items:

1. 1917, third and fourth quarters, 1918, and 1919, first quarter, extrapolated by U.K. prices for cotton cloth, 38 in. shirtings, taken from *The Economist*.
7. 1899-1913: Fiscal year Fisher "ideal" index on a calendar 1913 base, using U.S. imports-for-consumption data for cotton pile fabrics: dyed, colored, stained, painted or printed; not bleached; dyed, etc.; all on which duty does not amount to 40-47.5 per cent; corduroy weighing 7 oz. or over per sq. yd. Quarterly prices estimated by straight line interpolation. Values for 1899-June 1906 were obtained by finding the ratio for each fiscal year of "cotton pile fabric" (imports-for-consumption value) to "all other manufactures of cotton" (general imports value) and assuming that the ratio remained constant for the four quarters within each fiscal year.
- 1891-99: Quarterly prices obtained by straight line interpolation of fiscal imports-for-consumption unit values for total cotton pile fabrics. Values obtained as for the 1899-June 1906 period.
8. 1913-June 1918: Prices used are BLS quarterly prices of "cotton thread, J. & P. Coats, 200 yd. spools."
9. 1914-June 1918: Values were calculated from quarterly figures for "total knit goods, cotton, excluding hosiery," using fiscal imports-for-consumption ratios of "gloves, cotton" to total "knit goods, cotton, excluding hosiery."
- 1914-16: Quantities obtained by straight line interpolation of fiscal imports-for-consumption unit values for "cotton gloves."
- 1920: Prices affected by shift from Japanese to German gloves during 1920. We estimated the annual price by extrapolating from 1921 by the import unit value from Germany alone, and interpolated the quarterly unit values by using those for hosiery.
31. 1902-09: Prices are BLS quarterly prices for "hosiery: cotton, women's mercerized 200 needle seamless, 50/2 yarn in leg, 30/2 yarn in heel and toe, 8/1 C.P., double sole and spliced heel, 8½-10, all colors, f.o.b. mill."
- 1898-1901: Prices are BLS annual prices for hosiery (see 1902-09 above) interpolated freehand to obtain a quarterly price series.
- 1893-97: Prices are BLS annual prices for hosiery (same as above) assuming quarterly prices are identical with annual.
- 1891-92: Quantities computed by extrapolating 1893 BLS price back by imports-for-consumption unit value for stockings valued at \$.60-.82.

048

Item:

1. 1913-23: Quarterly unit values interpolated freehand from a Fisher "ideal" Index for jute and jute butts on a calendar 1923 base using U.S. imports-for-consumption data. British quarterly and annual wholesale prices of "jute, native firsts" from *The Economist* and U.S. quarterly and annual import unit values for "jute and jute butts" were used as guides in the interpolation.

APPENDIX C

NOTES TO TABLE C-8 (continued)

1901-13: Quarterly U.K. wholesale prices of "jute, native firsts" from *The Economist*.

1899-1900: Prices extrapolated back to 1899 from 1901 annual price by French quarterly wholesale prices of "jute" from *La Réforme Économique*.

1889-99: Quarterly unit values interpolated from a fiscal annual Fisher "ideal" index for jute and jute butts on a calendar 1899 base, using U.S. imports-for-consumption data. U.S. annual and quarterly import unit values for "jute and jute butts" and BLS annual and quarterly prices for "raw jute" were used as guides in the interpolation.

049

Item:

1. 1889: Prices extrapolated by Bezanson prices for gunny cloth.
- 1890-99: BLS series for jute.
- 1899-1904: Unit values extrapolated back from 1905 by Canadian wholesale price of jute.

051

Items:

3. 1913-23: Italian prices of hemp, 1914-23, from various volumes of *Annuario Statistico Italiano*, converted to dollars and extrapolated back to 1913 by United States import unit values.
17. 1879-83: Fisher "ideal" price index on a calendar 1889 base from imports-for-consumption data for jute, jute butts, and sisal, interpolated freehand.

052

Items:

1. Prices for 1919-23 extrapolated from 1918 unit value by imports-for-consumption unit values of "single yarns of flax, hemp, and ramie," interpolated freehand. Prices for 1913-14 extrapolated from 1915 import unit value by Canadian wholesale prices for "flax sewing twine."
2. Prices from 1899-1913 are general import unit values of "matting and mats of China, Japan and India straw." (item 2, class 053). For 1913-18 the same items are used to extrapolate from 1919.

053

To a considerable extent, 1879-99 and 1922-23 based on outside price data. Quarterly indexes for 1899-1902 are largely interpolated.

Items:

5. Quarterly British export unit values to U.S. of "linen piece goods," converted to dollars.
29. Fiscal imports-for-consumption unit values of "plain-woven fabrics of vegetable fiber," interpolated freehand.
30. Quarterly British export unit values of "jute piece goods."
31. Quarterly British export unit values of "linen piece goods, plain, bleached or unbleached."
34. 1884-89: Quarterly British export unit values of "jute piece goods."
35. Quarterly British export unit values of "jute piece goods."
- 37 and 39. Quarterly British export unit values of "linen piece goods, plain, bleached or unbleached."

054

Item:

2. The sudden spurt in imports of "clothing wool" in the second quarter of 1897 was in anticipation of the imposition of a ten cents per pound (over 60% ad valorem) tariff in July 1897. Imports fell off sharply immediately afterwards.

APPENDIX C

NOTES TO TABLE C-8 (continued)

055

Quarterly indexes for 1913-June 1915 are largely interpolated.

Item:

1. 1913-June 1915 prices are interpolated from imports-for-consumption fiscal unit values of "woolen yarns."

056

To a considerable extent, 1879-99 based on outside price data.

Items:

4. 1879-89: Aldrich prices for "suitings, flannel: all wool, indigo blue, 6-4 Assabet." A few slight adjustments were made on these prices to make them conform better to imports-for-consumption unit values of "wool cloth."
- 1889-99: Annual U.K. export unit values of "worsted tissues, coatings, broad, all wool," other than to U.S., interpolated freehand, using as a guide, quarterly U.K. export unit values of "worsted tissues," other than to U.S.
5. 1899-1901: Prices obtained by extrapolating 1902 unit values back by quarterly U.K. export unit values of "worsted stuffs, mixed."
6. 1879-99: Quarterly U.K. export unit values of "carpets, not being rugs," other than to U.S.
9. 1914-June 1918: Fiscal import-for-consumption unit values of "woven fabrics, wholly or in chief value of mohair, alpaca, etc," interpolated freehand.

059

To a considerable extent, 1879-1913 based on outside price data. Quarterly indexes for 1913-18 are largely interpolated.

Items:

1. 1913-18: Unit values extrapolated back from 1919 by imports-for-consumption unit values of "total silk fabrics, woven in the piece, etc." Quarterly unit values were obtained by freehand interpolation using WIB quarterly price series for "imported broad silk, Japanese habutai, 3½ momme, 36" wide" and "imported broad silk, Japanese habutai, 6 momme, 36" wide" as guides.
- 1879-1913: Quarterly prices are interpolated from annual French export unit values for "tissus de soie pure, unis," Commerce Spécial, in *Annuaire Statistique, Bureau de la Statistique Générale, and Direction Générale des Douanes, Tableau Général du Commerce et de la Navigation*. All of these French export unit values are open to considerable suspicion because they are official, rather than declared, values (R. G. D. Allen and J. Edward Ely, *International Trade Statistics*, New York, 1953, pp. 94, 354-355). However, they were revised annually, and did not show the sudden large jumps which are characteristic of official values when revised only occasionally. We compared them with other series, such as those for average export given in Lyons, Chambre de Commerce, *Compte Rendu de Lyons*, and fragmentary U.S. imports-for-consumption unit values, and found them fairly similar.
4. 1879-1913: Quarterly prices are interpolated from annual French export unit values for "rubans de soie ou de bourre de soie pure, autre". See item 1, 1879-1913 for source.
7. 1879-1913: Quarterly prices are interpolated from annual French export unit values for "Passementerie de soie ou de bourre de soie pure." See item 1, 1879-1913 for source.

062

To a considerable extent, 1889-94, 1899 based on outside price data. Quarterly indexes for 1883-99 are largely interpolated.

Items:

9. 1883-99: Fiscal year prices were obtained by using imports-for-consumption quantity figures for "waste and other paper materials, including all grasses,

APPENDIX C

NOTES TO TABLE C-8 (continued)

fibers, waste, etc., fit only to be converted into papers" and general import value figures for "paper stock, all other." Quarterly prices were obtained by freehand interpolation from fiscal year prices.

20. 1890-94 and 1899: Prices used are quarterly Canadian wholesale prices of "New Brunswick merchantable spruce deals."
1889: Annual price obtained by extrapolating back from 1890 by Canadian export price index for lumber. (*Statistical Contributions to Canadian Economic History*, Vol. II, by K. W. Taylor and H. Michell.)

063

Items:

5. 1913-18 and 1923: Fisher "ideal" index using imports-for-consumption data for "cork, bark or wood, unmanufactured" and "cork waste and shavings, etc.," interpolated freehand.
9. 1899-June 1909: Estimated quarterly values for "laths" (obtained by using the imports-for-consumption ratio of "laths" to "all other lumber, dutiable,") have been subtracted out of "all other lumber, dutiable."

064

To a considerable extent, 1899-June 1909 based on outside price data.

Item:

1. 1899-June 1909: See item 9, class 063 for method of obtaining quarterly values for "laths." Prices are quarterly Canadian wholesale prices of "lath No. 1 white pine, 1 $\frac{1}{4}$ inch," adjusted to level of fiscal 1910 U.S. import unit value of "laths."

065

Quarterly indexes for 1899-1908 are interpolated.

Item:

8. 1899-1908 and 1913: Quarterly prices were obtained by freehand interpolation of a fiscal Fisher "ideal" price index on a calendar 1913 base for imports-for-consumption quantities and values of "wood pulp, mechanically ground," "wood pulp, chemical, bleached," and "wood pulp, chemical, unbleached."

066

Quarterly indexes for 1899-1913 are largely interpolated.

Items:

2. Prices extrapolated back from 1914 by quarterly Canadian wholesale prices of "wrapping paper, manila #1."
11. 1910-13: Quarterly prices were interpolated from annual German export unit values for "photographic paper, sensitized-#663" taken from various years of *Statistik des Deutschen Reichs*, Statistisches Amt.
17. 1913: Annual price obtained by extrapolating from fiscal 1911 general import unit value for "total printing paper" by Fisher "ideal" price index for "printing paper," computed from general import values and quantities for "news-print" and "other printing paper."
20. 1909: Same as for item 21 except that index was computed excluding "printing paper, valued above 5 cents per pound."
21. 1905-08: Quarterly prices were interpolated freehand from a Fisher "ideal" fiscal price index for paper computed on a calendar 1913 base using imports-for-consumption values and quantities for "copying, stereotype paper, etc., less than 6 pounds," "copying, stereotype paper, etc., 6-10 pounds," "crepe and filtering paper," "photographic paper, plain basic," "printing paper, valued above 5 cents per pound," and "surface coated paper, other n.s.p.f."
23. 1899-1904: Same as for item 21.
25. 1899-1913: Quarterly prices for 1910-13 were interpolated freehand from a Fisher fiscal price index on a calendar 1913 base using imports-for-consumption

APPENDIX C

NOTES TO TABLE C-8 (continued)

data for "articles lithographically printed: not exceeding $\frac{1}{1000}$ inch in thickness, not exceeding 35 square inches, die cut or embossed, exceeding 35 square inches, and exceeding $\frac{1}{1000}$ inch in thickness;" "souvenir postcards, lithographically printed: exceeding $\frac{1}{1000}$ inch, and not exceeding $\frac{1}{1000}$ inch in thickness, die cut or embossed;" "decalcomanias, in ceramic colors, not over 100 lbs.;" "booklets decorated in whole or in part by hand or by spraying;" and "booklets, all other."

Quarterly prices for 1899-1909 were interpolated freehand from a Fisher "ideal" fiscal price index on a calendar 1913 base, using imports-for-consumption values and quantities for articles lithographically printed (first four items listed above for 1910-13 index)—the index being adjusted to the level of the 1910-13 index.

072

To a considerable extent, 1899-1918 based on outside price data.

Items:

1. 1914-18: Prices obtained by extrapolating 1919 U.S. import unit value back to 1914 by quarterly South African export unit values of diamonds taken from *Trade of the Union of South Africa* (Union of South Africa, Customs and Excise Department).
 5. 1913, 1923: Quarterly prices for 1913 are South African export unit values of diamonds. 1923 annual price was obtained by extrapolating the fiscal 1919 South African export unit value of diamonds, by U.S. import unit value of "diamonds, rough, uncut" (item 1) for fiscal 1919 and calendar 1923.
- 1899-1913: South African export unit values for diamonds (see item 1 for source).

073

Based to a considerable extent on outside price data.

Items:

1. 1913-18: Quarterly prices prior to July 1918 obtained by extrapolation of unit values from calendar year 1919 by South African export unit values of diamonds (see Import Class 072, Item 1 for source).
- 1898-99: Quarterly prices are South African export unit values of diamonds (source same as for 1913-18).
11. 1898-99: See item 1, 1898-99, above.
13. 1897: Prices used are quarterly export unit values of diamonds exported from Kimberly division, taken from *Statistical Register*, Cape of Good Hope, Colonial Secretary's Dept.
16. 1884-96, 1899: See item 13.
- 1879-84: Annual prices extrapolated back to 1879 by obtaining export unit values from figures for values of diamonds exported through Customs and Post Office and quantity of diamonds exported through Post Office at Kimberly, taken from the *Blue Book*, Cape of Good Hope.

074

Items:

1. 1907-June 1908: Fiscal prices extrapolated back from 1909 by imports-for-consumption unit value of "asbestos, unmanufactured". Quarterly prices obtained by freehand interpolation.
- 1922 (fourth quarter)-1923: The sum of imports-for-consumption value figures for "Keene's cement or other gypsum cement, the same valued at: \$14 or less per ton, over \$14 and not over \$20 per ton, and over \$20 and not over \$40 per ton," have been subtracted from general imports, and new quarterly values estimated for 1923.
10. 1922 (fourth quarter)-1923: Quarterly values estimated from imports-for-consumption annual values for "lithographic stones" and general imports quarterly values for "other stones."

APPENDIX C

NOTES TO TABLE C-8 (continued)

15. 1922 (fourth quarter)-1923: Quarterly values estimated from imports-for-consumption annual value for "fluorspar" and general imports quarterly values for "other nonmetallic minerals, dutiable."

075

Quarterly indexes are largely interpolated.

Items:

1. 1916-23: Quarterly prices interpolated freehand from an annual price index on a calendar 1923 base obtained by computing an unweighted average of price relatives of silicon carbide, aluminum oxide, and metallic abrasives, taken from U.S. Bureau of Mines, *Minerals Yearbook*.
5. 1879-1918, 1923: Quarterly prices interpolated freehand from U.S. imports-for-consumption unit values of "marble veined and all other, in block, rough, or squared" (1879-83); "marble in block, rough or squared only" (1884-99); "marble, breccia, and onyx in block, rough, or squared only" (1899-1907); and "marble, breccia and onyx, total" (1908-18).

076

To a considerable extent, 1899-1923 based on outside price data.

Items:

1. 1914-23: Prices are U.K. quarterly export unit values (converted to dollars) of "jet, Rockingham, samian, and all other glazed earthenware; excl. terracotta."
2. 1914-23: Prices are U.K. quarterly export unit values (converted to dollars), of porcelain, chinaware, and parian.
1914-first half 1915: Quarterly values estimated from total quarterly values for "china, parian and porcelain, decorated and not decorated" and from fiscal year totals of general imports from the U.K. taken from *Annual Report of the Commerce and Navigation of the U.S.*
1922 and 1923 (fourth quarter): Quarterly values obtained by adding quarterly general imports for "china and porcelain" and estimated quarterly values of imports from U.K. of "bisque and parian" (obtained by using annual figures from *Annual Report of Commerce and Navigation* of imports from U.K. and quarterly figures for total imports).
3. 1898-99: Prices are U.S. import unit values of "glass-cylinder and crown, polished, unsilvered" multiplied by the ratio of 1897 unit value of "cylinder and crown, polished, unsilvered" to the 1897 unit value of cylinder and crown, polished, silvered.
23. 1923, 1908-13: Prices are quarterly British export unit values of "floor tiles for tessellated pavement."
1904-07: 1908 prices extrapolated back by quarterly British export unit values of "other earthenware; incl. semi-porcelain, majolica, and tiles."
1899-1903: 1904 prices extrapolated back by quarterly unit values of U.S. imports of "china, parian, porcelain, etc., from U.K." (see item 24 for source of prices).
24. 1908-13: Prices are U.K. quarterly export unit values of "other earthenware; incl. semi-porcelain and majolica."
1904-07: 1908 prices extrapolated back by U.K. quarterly export unit values of "other earthenware; incl. semi-porcelain, majolica, and tiles."
1899-1903: 1904 prices extrapolated back by annual German export unit values of porcelain ware, taken from *Greifswalder Staatswissenschaftliche Abhandlungen* 51, p. 161-2. Quarterly prices obtained by interpolation.

077

To a considerable extent, 1899-1903 based on outside price data.

Quarterly indexes for 1889-93 are largely interpolated.

APPENDIX C

NOTES TO TABLE C-8 (continued)

Items:

3. 1894 (Sept.) and 1899 (fourth quarter), annual: Prices extrapolated by Canadian wholesale price of "copper, casting ingot" from eight-month period ending August 1894.
11. 1922-23: Prices extrapolated by BLS price for "zinc sheets" from 1921 annual U.S. import unit value.
19. 1899-1903: Prices extrapolated back from 1904 by U.S. import unit values of "unrefined copper."
1895-99: Prices used are U.S. import unit values of Import Class 078, item 24.
23. 1891-93: Prices used are interpolated freehand from a Fisher "ideal" price index on a fiscal 1895 base using imports-for-consumption data on "lead contained in silver ore" and "lead pigs and bars, etc."
24. 1889-90: Quarterly prices interpolated from imports-for-consumption fiscal unit values for "lead ore, pigs, bars, etc., excluding lead in silver ore."

078

Items:

8. 1922 (fourth quarter)-1923: Quarterly values and quantities estimated from general imports quarterly data for "platinum, unmanufactured" and imports-for-consumption data for platinum in ingots, bars, sheets or plate, not less than $\frac{1}{8}$ inch thick.
34. 1883-89: Quarterly quantities obtained by freehand interpolation of imports-for-consumption fiscal unit values for "lead, pigs and bars."

079

Items:

1. 1913, 1923: Quantities for 1913 obtained by interpolation of a fiscal 1913 and 1st quarter fiscal 1914 Fisher price index on a calendar 1923 base computed from U.S. imports-for-consumption values and quantities for watches "having not more than 7 jewels;" "having more than 11 and not more than 15 jewels;" "having more than 15 and not more than 17 jewels;" and "having more than 17 jewels."
3. 1899-1913: Same as item 1, except that index is on a fiscal 1913 base.

081

To a considerable extent, 1913-June 1916 based on outside price data.
Quarterly indexes for 1899-1913 are largely interpolated.

Items:

3. 1922 (fourth quarter)-1923: Quantities obtained by using British export unit values (converted to dollars) of "iron and steel and manufactures thereof; incl. pig iron and ferro alloys—ferro alloys including Spiegeleisen and ferromanganese, etc."
1916 (first half): Prices are U.S. import unit values for six months ending June interpolated by U.K. export unit values (see above).
1913-15: Prices used are U.K. export unit values (see above) extrapolated from U.S. calendar 1916 import unit value.
5. Prices extrapolated back from calendar 1916 by U.S. quarterly wholesale prices of "basic pig iron" taken from WIB.
14. 1899-1913: Quarterly prices are interpolated from a fiscal Fisher price index on a calendar 1913 base computed with imports-for-consumption data on "ferromanganese," "ferrosilicon," "Spiegeleisen" and "all other pig iron."

082

To a considerable extent, 1913-23 based on outside price data.
Quarterly indexes for 1889-1913 are largely interpolated.

APPENDIX C

NOTES TO TABLE C-8 (continued)

Items:

3. 1913-23: Prices are a quarterly Laspeyres price index computed from U.K. export unit values, converted to dollars, of "wire for fencing," "other sorts of wire," and "wire cables and ropes."
 - 1899-1913: Prices are a quarterly interpolation of U.S. imports-for-consumption unit values of "total round iron or steel wire."
 - 1879-June 1883: Values estimated using annual imports-for-consumption totals for "iron wire and steel wire" and annual and quarterly general imports data on "steel ingots, bars, sheets, and wire" and "all other iron and steel manufactures."
 - 1879-June 1884: Unit values were extrapolated back from fiscal 1885 by a Fisher "ideal" price index on a fiscal 1885 base computed from imports-for-consumption data on "iron wire, bright, coppered, etc., not less than No. 16," "iron wire, rope, strand, chain, not less than No. 16," "steel wire, less than $\frac{1}{4}$ inch, not less than No. 16," "steel wire, less than $\frac{1}{4}$ inch, less than No. 16," "steel wire, rope, strand, chain, less than $\frac{1}{4}$ inch, not less than No. 16," "steel wire, rope, strand, chain, less than $\frac{1}{4}$ inch, less than No. 16." Extrapolated fiscal unit values were interpolated freehand to yield quarterly unit values.
18. 1899-1913: Quarterly unit values interpolated freehand from a fiscal Fisher "ideal" price index on a calendar 1913 base computed from imports-for-consumption data for "pens and pocket knives," "scissors and shears," and "razor blades, etc."
 - 1889-99: Quarterly unit values for 1892-99 interpolated freehand from a fiscal Laspeyres price index on a calendar 1899 base computed from imports-for-consumption data for "penknives," and "razors." Annual unit values for 1889-91 extrapolated back from calendar 1892 by average annual price of "pocket knives" as noted in Aldrich Report. Quarterly unit values were interpolated.
24. 1899-1909, 1913: Quarterly prices interpolated from imports-for-consumption unit values for "shotguns, etc., valued at not more than five dollars each."

084

Quarterly indexes are largely interpolated.

Items:

1. 1913-23: Quarterly prices for 1913 (fourth quarter)-1922 (third quarter) interpolated freehand from imports-for-consumption unit values for "automobiles valued at more than \$2,000." Quarterly prices for first, second and third quarters of 1913 extrapolated back from 9 months ending June 1914 by general imports quarterly unit values for "automobiles." Quarterly prices for 1922 (fourth quarter)-1923 extrapolated from 9 months ending September 1922 by quarterly prices used for "auto chassis" (item 2).
 - July 1900-June 1905: Quarterly prices interpolated freehand from imports-for-consumption unit values for "autos and chassis."
 - 1899-June 1900: Quantities obtained by using 1901 fiscal unit value.
2. 1913 (fourth quarter)-1923: Quarterly values for auto chassis estimated from imports-for-consumption data for "auto chassis"; general imports data for "autos and chassis", 1923 and 1922 (fourth quarter); and general imports data for "parts of autos", 1913 (fourth quarter)-1922 (third quarter). Quarterly prices obtained by freehand interpolation of imports-for-consumption unit values for "auto chassis."
 - 1913 (first, second, and third quarters): Quarterly unit values obtained by extrapolating back from 9 months ending June 1914 by general imports unit values for "automobiles." Quarterly values estimated by multiplying the value of general imports of parts of autos by the ratio of: imports-for-consumption (value), autos and chassis (new tariff, fiscal 1914) to gen. imports (value) auto parts (9 months ending June 1914).
4. 1913-23: Estimated quarterly values of "chassis" (item 2) subtracted out.

APPENDIX C

NOTES TO TABLE C-8 (continued)

085

To a considerable extent, 1899-1913 based on outside price data.
 Quarterly indexes for 1913-June 1918 are largely interpolated.

Items:

1. 1899-1913: Quantities obtained by using *Oil, Paint, and Drug Reporter* price quotations for fish guano (adjusted for changes in methods of quoting).
2. 1906-June 1911: Quarterly values estimated from "all other fertilizers" using imports-for-consumption values for "bone phosphates" to obtain fiscal year ratios. Quarterly quantities obtained by freehand interpolation of imports-for-consumption unit values for "bone phosphates."
3. 1913-June 1918: Estimates of quarterly values for "calcium cyanamid" have been subtracted out and imports-for-consumption unit values for "other fertilizers" have been interpolated freehand to obtain quarterly unit values.
5. 1910-13: Prices of kainite taken from *Oil, Paint, and Drug Reporter*.
 1910-June 1911: Values estimated from imports-for-consumption values of kainite and general imports quarterly values of "kainite and manure."
7. 1910-13: Quarterly values estimated from general imports values for "other fertilizers" and imports-for-consumption fiscal values for "calcium cyanamid." Quarterly quantities obtained by freehand interpolation of imports-for-consumption unit values for "calcium cyanamid."
9. 1899-1909, 1913: Prices of kainite from *Oil, Paint, and Drug Reporter*.

086

Items:

2. 1913-June 1918: Quarterly values estimated from imports-for-consumption fiscal values for "calcium cyanamid" and general imports values for "other fertilizers." Quarterly quantities obtained by freehand interpolation of imports-for-consumption fiscal unit values for "calcium cyanamid."
6. 1899-June 1907: Quarterly values estimated from imports-for-consumption fiscal values for "dead or creosote oil" and general imports values for "mineral oil." Quarterly quantities obtained by freehand interpolation of imports-for-consumption fiscal unit values for "dead or creosote oil."
15. 1913-23: Quarterly quantities obtained by freehand interpolation of a Fisher "ideal" price index on a calendar 1923 base for fiscal years 1913-18 and calendar years 1919-22. The index was computed using imports-for-consumption values and quantities for "arsenic or arsenious acid," "phosphoric acid," "sulphuric acid," and "acetic or pyroligneous acid."
16. 1917-23: Quarterly quantities obtained by freehand interpolation of a Fisher "ideal" price index on a calendar 1923 base for fiscal years 1917-18 and calendar years 1919-22. The index was computed using imports-for-consumption values and quantities for "citric acid," "tartaric acid," and "boric (boracic) acid."
17. 1913-16: See item 16.
- 18 and 19: Before July 1916, U.S. import data did not separate natural from synthetic indigo although the latter was much cheaper. Since synthetic indigo did not drive the natural product completely out of the market, the two were treated here as separate commodities and it was therefore necessary to break down reported imports into the two types. The only data available for this purpose were the annual reports of imports by country of origin. Since synthetic indigo came mainly from Germany and to some extent from Switzerland, we took imports of indigo from these countries to represent imports of synthetic indigo and the rest to represent natural indigo. Quarterly imports were estimated by assuming that the ratio of synthetic to natural was constant throughout the year.
 1913-June 1916: Quarterly prices of natural indigo were extrapolated back from fiscal 1917 by U.K. wholesale prices of "indigo, Bengal, good consuming," from *The Economist*. Quarterly prices of synthetic indigo were extrapolated back by WIB, "synthetic indigo."

APPENDIX C

NOTES TO TABLE C-8 (concluded)

1899-1913: Quarterly prices of natural indigo, 1901-13, are U.K. wholesale prices of "indigo, Bengal, good to fine," from *The Economist*. These were extrapolated back to 1899 by annual U.K. wholesale prices of "indigo, Bengal, good consuming," from *The Economist* and interpolated freehand. Synthetic indigo prices are from the *Oil, Paint, and Drug Reporter* quotations for "J (synthetic) indigo."

087

To a considerable extent, 1913-23 based on outside price data.

Items:

1. 1913-23: BLS prices for "quinine sulphate."
4. 1913-15, 1919-23: Quarterly prices obtained by freehand interpolation of imports-for-consumption unit values for "firecrackers."
5. 1916-19: Quarterly prices obtained by freehand interpolation of imports-for-consumption unit values for "gunpowder, etc."
- 1920-23: Quarterly prices obtained by freehand interpolation of imports-for-consumption unit values for "fulminates."