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Appendix A

Basic Tables of Capital-Output Ratios

TABLE A-1

Ratios of Total Capital to Output (Reported Values)
Major and Minor Manufacturing Industries, Selected Years, 1880-1948 (Per Cent)

	1880	1890	1900	1900 <i>com- parable with</i>	1900 <i>com- parable with</i>	1904	1909	1914	1919	1929 ^b	1937 ^b	1948 ^b
				<i>preced- ing</i>	<i>ing</i>	<i>years</i>						
All manufacturing industries	52.8	67.9	74.8	74.3	81.5	85.1	89.4	68.8	82.9	74.4	53.2	
Food & kindred products	34.5	42.3	54.9	55.2	60.1	57.9	59.7	44.2	59.2	50.8	35.5	
Bakery & confectionery products	30.1	38.3	46.1	46.3	46.6	53.2	56.4	46.0	72.2	55.9	34.5	
Canned products	45.0	50.0	56.7	57.3	65.2	75.8	70.8	60.2	89.6	78.3	60.0	
Mill products	35.0	40.5	39.0	37.7	37.2	39.5	43.3	39.1	30.3	37.7	22.8	
Packing house products	16.1	20.8	24.0	24.1	26.0	27.9	32.3	27.6	25.6	23.8	15.0	
Sugar refining	17.9	19.5	82.3	82.6	73.2	86.5	84.5	50.4	134.5	96.2	67.5	
Liquors & beverages	80.8	90.9	125.6	134.7	132.0	129.3	131.6	129.7	137.0	67.4	53.5	
Nonalcoholic beverages	54.2	75.1	85.9	84.8	92.9	97.2	91.2	76.0			68.8	
Malt liquors & malt	88.4	124.6	177.1	176.8	171.4	177.1	171.3	147.5			45.3	
Wines	119.0	203.5	150.3	150.3	160.2	212.7	189.6	85.1			91.0	
Distilled liquors	59.0	31.1	35.5	33.6	38.2	35.4	44.1	143.2			56.1	
Tobacco products	33.6	45.3	43.8	42.1	97.9	59.0	62.0	59.7	89.6	73.4	73.2	
Other food products	41.0	36.9	59.6	59.0	58.9	55.8	53.7	42.2	72.3	60.7	36.5	
Textiles & their products	60.9	73.1	76.4	81.6	80.4	80.6	81.9	65.7	73.0	57.8	42.2	
Cotton goods	101.2	131.5	137.5	137.5	140.1	131.5	128.3	85.1	112.9	84.5		
Silk & rayon goods	46.3	58.6	75.7	75.7	82.7	77.2	82.7	77.5	85.6	82.8		
Woolen & worsted goods	58.8	91.9	106.9	106.9	98.4	98.6	100.8	77.6	87.1	67.4		
Carpets, floor coverings, etc.	65.8	78.2	89.8	89.8	92.0	105.4	121.7	95.7	113.4	99.5	56.1	

Knit goods	53.3	76.1	85.4	85.4	78.1	82.0	83.4	72.4	80.1	58.4	49.8
Clothing	35.4	43.0	39.4	40.9	41.1	45.2	46.2	43.2	45.5	34.7	31.1
Hats, except cloth & millinery	30.6	42.3	51.1	51.1	57.0	64.0	75.2	61.7			45.2
Men's & boys' clothing, except fur & rubber	37.5	47.4	42.0	43.6	44.9	49.4	51.4	49.4			36.7
Women's clothing, children's & infants' wear, except fur & rubber	25.5	29.6	31.3	32.1	31.8	35.2	34.5	33.8			26.7
Millinery	28.0	41.7	38.6	36.5	35.2	41.6	46.5	37.4			21.7
Textiles, n.e.c.	56.0	70.7	78.6	66.4	63.7	74.7	80.0	59.6	80.1	70.4	
Cotton + silk & rayon + woolen & worsted goods + textiles, n.e.c.	74.6	100.5	110.8	109.4	108.1	106.4	106.7	78.2	90.5	75.0	49.3
Leather & leather products	33.3	50.5	57.7	57.6	62.4	66.4	67.2	58.4	66.8	52.7	38.3
Boots & shoes	25.9	43.0	39.1	38.6	38.4	44.5	50.8	50.3	59.6	48.9	37.0
Other leather products	37.4	55.6	70.4	72.8	81.4	84.0	80.9	64.7	78.7	59.6	41.2
Leather, tanned, curried, & finished	36.6	57.0	85.3	85.3	96.0	101.5	90.5	72.3			45.2
Leather products, n.e.c.	38.8	54.0	53.1	51.3	57.1	58.2	66.1	51.4			34.6
Rubber products	36.0	86.0	78.0	78.0	66.9	82.2	89.0	84.4	98.7	72.1	52.5
Tires & tubes							89.0	84.4	105.8	76.3	52.0
Other rubber products							89.0	84.4	85.1	74.8	52.5
Forest products	62.8	78.6	90.5	74.5	83.5	99.0	109.5	83.4	129.1	102.4	53.3
Sawmill & planing mill products	71.3	83.3	99.5	71.9	83.9	103.9	115.6	91.1	168.0	128.7	58.4
Other wood products	53.0	71.9	77.0	78.7	82.9	91.6	101.0	72.7	84.9	74.3	46.6
Wooden containers	42.1	56.3	62.3	62.8	68.4	79.7	80.8	61.9			48.5
Wood products, n.e.c.	56.0	76.1	80.7	83.1	87.3	95.1	107.1	76.3			45.1

Table A-1 (cont.)

	1880	1890	1900 com- parable with preced- ing years*	1900 com- parable with preced- ing years	1904	1909	1914	1919	1929 ^b	1937 ^b	1948 ^b
Paper, pulp, & products	70.7	94.3	110.1	110.1	123.8	126.6	132.5	95.5	117.0	102.7	60.1
Paper, pulp, & paperboard mills	83.0	112.9	131.5	131.5	146.7	151.9	160.3	114.5			70.2
Paper bags, containers, & boxes	32.2	48.7	63.1	64.2	72.6	66.0	77.0	61.5			46.4
Other paper products	50.4	71.7	76.3	76.1	83.9	90.1	85.6	62.9			47.2
Printing, publishing, & allied industries	67.2 ^c	71.3	83.4	83.4	78.4	79.7	79.5	67.4	84.0	86.0	57.1
Printing & publishing	68.7 ^c	71.8	85.3	85.3	78.8	80.5	79.1	67.6			58.7
Book & job, including lithographing	68.7	74.4	83.7	83.7	80.9	84.6	81.2	69.2			54.2
Newspapers & periodicals	°	70.2	86.3	86.3	77.4	77.5	77.6	66.4			61.9
Allied industries	60.8	68.2	65.3	65.7	73.3	71.1	83.3	65.2			48.4
Chemicals & allied products	57.6	77.8	87.9	87.9	89.8	90.2	100.5	78.7	92.7	80.7	62.7
Chemicals proper, acids, com- pounds, etc.	86.0	109.1	149.5	151.6	143.7	139.3	156.0	118.2	123.5	113.1	77.5
Fertilizers	75.0	105.1	135.6	135.6	121.1	117.3	141.8	111.0	127.8	100.0	62.1
Allied chemical substances	44.6	62.1	66.5	66.3	72.2	72.7	77.4	60.5	86.0	73.1	56.0
Drugs, medicines, & cosmetics	67.5	58.2	63.5	63.4	65.8	71.1	77.5	72.7			70.4
Soaps & cleaning & polishing preparations	53.8	57.7	69.6	69.6	77.2	63.9	71.3	65.2			32.0
Paints & varnishes	59.5	83.6	86.3	86.3	83.1	83.3	89.0	70.5			45.9
Other chemical substances	31.4	54.7	58.3	58.0	69.2	73.0	75.3	51.3			62.5
Petroleum refining	61.4	90.6	76.6	76.6	77.7	76.8	82.3	71.6	121.3	111.4	76.8

Stone, clay, & glass products	76.9	94.3	119.4	124.0	141.3	161.4	160.7	116.5	142.1	112.4	66.8
Cement, lime, & concrete products	108.6	119.7	170.0	170.0	212.1	224.5	205.9	137.9			76.3
Clay & pottery products	83.7	120.5	154.3	154.5	170.4	186.6	187.4	148.8			62.4
Glass & glass products	87.1	85.0	93.6	93.6	100.4	122.7	114.7	78.1			62.0
Cut stone & products	53.1	59.4	79.1	83.2	92.8	100.4	109.7	86.2			62.5
Stone, clay, & glass products, n.e.c.	92.9	110.6	181.1	180.0	174.7	175.5	196.4	127.2			65.3
<i>Metals & metal products</i>	68.7	85.3	80.4	80.9	97.4	102.7	109.9	81.0	79.7	79.5	58.6
Iron & steel & their products	74.0	82.6	74.3	74.3	103.2	106.5	125.0	91.1	81.6	94.3	59.6
Iron & steel	75.4	84.1	70.7	70.7	103.4	106.3	128.5	92.4	78.9	104.6	58.1
Blast furnaces, steel works, & rolling mills	77.9	84.8	71.3	71.3	103.4	108.4	139.2	95.6			61.1
Ordnance & accessories	(117.1)	141.5	83.0	83.0	89.6	114.9	128.6	123.5			81.8
Tin cans & other tinware			(20.7)	(20.7)	133.9	114.4	96.5	88.1			65.1
Iron & steel, n.e.c.	48.6	68.7	83.3	83.3	89.6	88.1	93.4	76.6			49.9
Metal building materials & supplies	47.6	64.6	74.4	74.6	92.7	98.8	104.8	82.1	82.4	77.5	50.3
Hardware, tools, etc.	74.2	92.9	105.4	104.5	117.3	123.6	137.2	92.7	99.7	80.8	59.6
Nonferrous metals & their products	47.3	61.3	53.1	53.0	54.6	71.2	65.3	61.8	72.8	72.0	62.0
Precious metal products & processes, jewelry, etc.	47.5	63.1	80.8	81.5	84.6	91.0	101.0	70.0	75.9	57.4	50.0
Other metals, products, & processes	47.1	60.3	47.5	47.0	48.0	67.0	58.8	59.9	73.6	76.8	58.0
Clocks, watches, & parts	67.6	107.8	142.5	142.5	141.6	163.4	182.9	118.0			57.6
Jewelry, silverware, & plating	55.6	75.1	76.6	76.7	82.8	85.5	98.6	67.4			46.3
Smelting, refining, & alloying	36.3	48.0	42.4	42.4	43.0	52.6	54.8	57.1			61.6
Nonferrous metal products, n.e.c.	51.0	63.7	62.6	66.4	72.7	138.9	72.8	65.9			43.5

Table A-1 (cont.)

	1880	1890	1900 years ^a	1900 com- parable with preced- ing years	1904	1909	1914	1919	1929 ^b	1937 ^b	1948 ^b
Machinery, not including trans- portation equipment	77.1	105.7	107.6	107.6	128.1	132.1	142.2	93.9	97.5	82.4	61.8
Electrical machinery & equip- ment; radios, complete or parts	66.7	100.0	92.5	92.6	121.2	121.0	107.7	83.2	87.3	68.6	58.2
Agricultural machinery & equipment	89.9	179.0	156.4	156.4	175.9	175.3	206.7	120.3	128.1	102.7	64.2
Office & store machines & equipment	100.0	57.1	109.1	109.1	117.1	118.0	131.9	96.5	110.6	101.8	77.5
Factory, household, & miscel- laneous machinery & equipment	72.9	93.2	102.0	102.0	122.7	129.1	144.8	94.7	98.0	85.3	59.7
Transportation equipment	32.1	72.3	101.2	102.4	77.9	92.2	75.8	60.3	60.8	61.7	51.3
Motor vehicles, complete or parts		66.7	93.8	97.3	82.9	70.8	65.0	58.0	54.0	53.3	43.9
Locomotives & railroad equipment	32.1	72.4	103.0	103.0	76.4	125.6	104.4	68.9	126.2	129.1	70.7
Aircraft & parts							(50.0)	128.6	84.1	126.4	72.6
Miscellaneous manufactures	51.0	64.7	76.7	77.6	78.8	82.7	96.5	74.8	92.9	76.6	54.9
Professional, scientific, photo- graphic, & optical instru- ments	70.0	74.7	76.1	79.3	75.5	90.8	105.9	73.2			63.2
Miscellaneous manufactures, n.e.c.	50.5	64.4	76.4	77.6	79.1	81.9	95.3	75.1			51.9

NOTES TO TABLE A-1

^a Includes custom and neighborhood establishments which were included in the preceding census enumerations, but excluded in the following enumerations.

^b The output figures in these years are adjusted to include net changes in inventories as estimated by the Department of Commerce, National Income Division. This adjustment can be made only for major industry groups and the six minor industries, beverages and liquors, tobacco products, sawmill and planing mill products, other wood products, electrical machinery and equipment, and motor vehicles.

In 1948 the capital figures include an estimate of the investment in emergency facilities after "normal" depreciation. This adjustment is made only for major groups and the six minor industries mentioned above.

^c Newspapers and periodicals excluded from 1880 census.

Source: For the years 1880 through 1919 the ratios are based on data adapted from the various *Censuses of Manufactures*; after 1919 the ratios are based on data adapted from the "Source Book" of *Statistics of Income*.

TABLE A-2

Ratios of Total Capital to Output (1929 Prices)
Major and Minor Manufacturing Industries, Selected Years, 1880-1948 (Per Cent)

	1880	1890	1900	1900 <i>com- parable with preced- ing years^a</i>	1904	1909	1914	1919	1929 ^b	1937 ^b	1948 ^b
All manufacturing industries	54.7	73.0	80.3	79.4	89.1	97.2	100.8	102.2	88.5	74.1	64.8
Food & kindred products	36.6	45.8	55.3	55.2	63.6	65.8	68.2	67.6	63.9	50.0	44.7
Bakery & confectionery products	28.7	41.0	53.1	52.6	51.9	58.5	62.8	63.8	78.0	61.8	41.1
Canned products	44.4	75.8	69.6	70.3	71.8	77.5	86.4	103.4	96.7	67.6	64.1
Mill products	63.9	71.1	49.8	48.1	57.1	62.2	57.1	81.9	32.7	40.9	32.7
Packing house products	8.5	13.6	16.3	16.4	19.2	25.2	32.9	36.1	27.7	24.6	23.7
Sugar refining	53.2	53.3	182.7	183.5	144.1	153.3	139.9	108.1	145.2	102.7	74.0
Liquors & beverages	85.9	121.3	129.7	139.1	133.4	148.1	148.4	209.5	147.9	61.2	64.0
Nonalcoholic beverages	58.8	100.0	88.5	87.4	93.8	111.3	102.7	122.9			49.6
Malt liquors & malt	93.9	166.2	182.8	182.5	173.2	202.7	193.2	238.3			53.9
Wines	127.0	273.8	155.6	155.6	162.4	243.7	214.6	137.4			108.4
Distilled liquors	62.6	41.6	36.7	34.6	38.6	40.5	49.8	231.0			66.9
Tobacco products	36.0	47.2	56.4	54.2	123.1	69.2	70.1	80.8	96.7	73.7	63.6
Other food products	43.9	49.2	61.5	61.0	59.5	63.9	60.6	68.2	78.1	54.1	43.4
Textiles & their products	64.3	81.7	82.3	87.7	89.8	91.8	89.2	103.4	77.8	54.8	50.4
Cotton goods	93.8	130.6	124.8	124.8	151.7	135.7	130.3	138.3	120.4	85.0	
Silk & rayon goods	139.1	141.5	166.0	166.0	137.8	128.4	131.5	152.6	91.1	39.9	
Woolen & worsted goods	65.8	105.2	122.5	122.5	114.4	123.4	103.3	118.9	92.9	82.2	
Carpets, floor coverings, etc.	53.2	55.3	68.7	68.7	72.6	81.5	101.0	114.0	120.8	119.9	66.0

Knit goods	96.4	119.5	113.8	113.8	101.5	107.2	109.6	110.2	85.4	50.7	42.1
Clothing	38.9	48.9	43.3	45.0	44.8	52.4	49.5	66.3	48.5	40.1	36.4
Hats, except cloth & millinery	33.7	48.2	56.1	56.1	62.1	74.2	80.6	94.6			52.8
Men's & boys' clothing, except fur & rubber	41.2	53.9	46.2	47.9	48.8	57.2	55.1	75.7			43.0
Women's clothing, children's & infants' wear, except fur & rubber	28.0	33.6	34.4	35.2	34.6	40.8	36.9	51.8			31.3
Millinery	31.0	47.4	42.4	40.2	38.2	48.1	49.8	57.2			25.5
Textiles, n.e.c.	51.7	70.7	80.3	68.1	69.3	76.8	89.9	92.1	85.4	61.1	
Cotton + silk & rayon + woolen & worsted goods + textiles, n.e.c.	77.0	112.4	117.7	116.5	124.4	121.1	116.7	127.3	96.5	63.5	64.1
Leather & leather products	32.4	48.9	56.8	56.4	61.0	66.5	69.0	76.1	69.4	53.5	42.6
Boots & shoes	25.7	40.2	35.4	35.1	35.5	43.1	49.0	59.0	62.0	52.0	43.3
Other leather products	35.9	55.1	73.7	76.1	83.4	86.6	87.6	92.7	81.7	56.8	43.0
Leather, tanned, curried, & finished	37.9	60.7	95.8	95.8	105.6	112.3	105.3	111.0			49.4
Leather products, n.e.c.	30.2	43.4	45.0	43.5	47.4	48.6	58.0	59.6			32.0
Rubber products	58.8	171.4	200.0	200.0	150.0	204.4	152.3	153.4	102.6	74.9	53.1
Tires & tubes							280.4	237.8	109.9	80.4	50.2
Other rubber products							106.2	90.5	88.5	75.4	65.0
Forest products	52.4	70.9	82.5	68.0	81.5	101.0	118.8	116.4	137.2	106.3	73.9
Sawmill & planing mill products	54.2	71.1	91.3	66.0	83.2	108.9	110.6	127.1	178.6	144.9	124.4
Other wood products	49.9	70.8	69.6	71.3	79.1	89.7	134.9	101.6	90.2	71.1	44.1
Wooden containers	39.7	55.3	56.3	56.8	65.3	78.1	108.0	86.5			55.2
Wood products, n.e.c.	52.8	74.9	73.0	75.2	83.3	93.1	143.1	106.6			42.7

Table A-2 (cont.)

	1880	1890	1900 com- parable with preced- ing years ^a	1900 com- parable with preced- ing years	1904	1909	1914	1919	1929 ^b	1937 ^b	1948 ^b
Paper, pulp, & products	100.0	149.3	136.2	136.4	172.7	150.5	156.9	157.8	127.1	112.4	83.8
Paper, pulp, & paperboard mills	117.4	177.9	162.9	162.9	204.7	180.4	189.8	189.1			97.7
Paper bags, containers, & boxes	45.4	76.7	78.2	79.5	101.3	78.4	91.3	101.6			64.6
Other paper products	71.3	113.1	94.7	94.1	117.2	107.0	101.4	103.9			65.7
Printing, publishing, & allied industries	64.0 ^c	76.9	83.0	83.0	82.3	79.2	80.0	75.8	87.7	87.3	72.9
Printing & publishing	65.3 ^c	77.4	84.9	84.9	82.8	80.0	79.6	76.0			74.7
Book & job, including lithographing	65.3	80.2	83.4	83.4	84.9	84.1	81.7	77.8			69.1
Newspapers & periodicals	°	75.7	85.9	85.9	81.3	77.0	78.0	74.7			78.9
Allied industries	57.8	73.6	65.0	65.3	77.0	70.7	83.8	73.3			61.7
Chemicals & allied products	72.0	98.6	105.1	104.8	109.9	112.2	121.3	130.5	99.2	80.7	74.0
Chemicals proper, acids, com- pounds, etc.	211.4	230.4	296.8	301.1	271.1	213.5	230.2	184.1	132.2	112.3	72.0
Fertilizers	180.0	212.5	252.2	252.2	215.8	170.8	198.9	258.9	137.0	83.8	52.6
Allied chemical substances	44.5	65.4	69.4	69.2	78.4	84.2	86.7	98.9	92.1	74.2	73.3
Drugs, medicines, & cosmetics	64.0	67.8	77.1	77.0	84.3	102.9	111.8	129.2			118.1
Soaps & cleaning & polishing preparations	55.2	62.1	74.5	74.5	85.9	75.8	81.8	99.2			38.4
Paints & varnishes	48.4	71.5	76.4	76.4	75.6	76.7	77.1	111.5			56.5
Other chemical substances	31.4	57.4	60.8	60.6	75.2	84.6	84.4	84.0			81.7
Petroleum refining	132.1	109.4	112.7	112.7	127.0	118.1	128.7	151.6	128.6	105.7	97.7

Stone, clay, & glass products	83.0	116.2	135.5	140.4	155.9	164.3	161.0	170.7	156.6	121.8	79.9
Cement, lime, & concrete products	184.4	178.3	279.9	279.9	253.5	269.0	241.3	205.9			86.7
Clay & pottery products	50.2	124.4	143.2	143.4	200.1	186.6	157.3	206.2			82.0
Glass & glass products	144.5	125.2	126.7	126.7	130.5	140.2	126.8	136.7			60.2
Cut stone & products	57.3	73.2	89.7	94.3	102.3	102.3	110.0	126.3			74.6
Stone, clay, & glass products, n.e.c.	100.0	136.1	205.1	204.0	192.7	178.6	196.5	186.5			78.0
<i>Metals & metal products</i>	86.1	103.3	106.6	107.1	116.1	127.5	127.7	116.4	84.9	81.9	69.2
Iron & steel & their products	102.8	108.0	110.3	110.1	128.5	136.0	140.3	141.9	87.4	101.3	73.8
Iron & steel	112.3	122.2	115.0	115.0	136.2	143.7	151.4	150.3	84.4	114.0	69.5
Blast furnaces, steel works, & rolling mills	118.4	126.2	118.6	118.6	138.1	149.2	164.8	156.5			75.5
Ordnance & accessories	178.4	211.4	137.7	137.7	119.6	158.1	152.3	202.2			101.2
Tin cans & other tinware		(27.9)	(27.9)	(27.9)	158.1	133.8	109.9	109.4			57.7
Iron & steel, n.e.c.	75.0	101.2	137.5	137.5	119.8	121.2	110.7	125.2			61.8
Metal building materials & supplies	62.5	80.1	103.9	103.5	104.4	114.3	105.8	117.9	88.1	81.7	66.9
Hardware, tools, etc.	77.7	84.4	93.5	92.6	113.2	117.9	130.8	117.1	106.7	84.6	75.3
Nonferrous metals & their products	72.5	100.7	80.6	80.6	72.0	91.7	81.2	89.1	78.4	71.6	71.6
Precious metal products & processes, jewelry, etc.	100.0	128.8	146.4	146.4	155.9	153.7	170.9	132.9	81.9	81.4	59.1
Other metals, products, & processes	63.6	89.2	69.8	69.1	59.7	82.0	69.8	81.8	79.3	72.6	66.0
Clocks, watches, & parts	103.7	177.4	217.1	217.1	187.0	210.5	227.1	170.1			65.8
Jewelry, silverware & plating	117.2	153.8	138.6	138.7	152.4	144.4	167.3	127.8			54.7
Smelting, refining, & alloying	48.9	70.7	62.4	62.4	53.5	64.5	65.0	78.0			70.1
Nonferrous metal products, n.e.c.	68.7	93.7	92.1	97.7	90.5	170.2	86.4	90.0			49.5

Table A-2 (cont.)

	1880	1890	1900 <i>com- parable with preced- ing years^a</i>	1900 <i>com- parable with preced- ing years</i>	1904	1909	1914	1919	1929 ^b	1937 ^b	1948 ^b
Machinery, not including trans- portation equipment	80.7	105.6	115.6	115.6	132.8	137.4	148.4	118.2	103.0	85.3	69.5
Electrical machinery & equip- ment; radios, complete or parts	50.0	93.0	94.7	94.7	119.9	120.7	114.5	104.0	92.2	66.0	61.1
Agricultural machinery & equipment	207.8	408.1	298.2	298.2	348.7	333.1	358.6	172.0	135.4	106.3	66.1
Office & store machines & equipment	90.9	53.1	111.1	111.1	114.9	115.6	129.6	121.3	117.0	109.0	93.0
Factory, household, & miscel- laneous machinery & equipment	66.3	84.5	103.5	103.5	119.9	127.4	141.8	118.7	103.6	91.4	71.5
Transportation equipment	33.3	71.6	109.1	111.9	84.1	128.6	99.1	89.4	64.8	62.3	61.2
Motor vehicles, complete or parts		200.0	352.9	365.0	271.4	202.3	121.5	87.6	57.5	53.1	51.9
Locomotives & railroad equipment	33.3	70.4	94.5	94.5	73.1	96.8	76.2	94.7	134.5	151.1	82.6
Aircraft & parts					(54.5)			190.0	89.4	130.5	86.1
Miscellaneous manufactures	52.4	67.3	79.3	80.4	82.8	88.3	106.4	97.2	96.7	77.3	61.5
Professional, scientific, photo- graphic, & optical instru- ments	72.5	77.8	78.8	82.2	79.3	97.1	116.6	95.2			70.5
Miscellaneous manufactures, n.e.c.	52.1	67.0	78.9	80.4	83.0	87.4	104.9	97.7			57.9

NOTES TO TABLE A-2

^a See Table A-1, note *a*.

^b See Table A-1, note *b*.

^c Newspapers and periodicals excluded from 1880 census.

Source: See Table A-1. For general description of data and methods used in making price adjustments to capital and output, see Section 1 of text.