1987 Revision

Industrial Production

1977 = 100

January 1985–December 1986

Industrial Output Section

Division of Research and Statistics

Board of Governors of the Federal Reserve System
Washington, D.C. 20551

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Federal Reserve Bank of St. Louis

Table of Contents

Industrial Production, Seasonally Adjusted

		Page
1A	Market groupings, 1985 and 1986	2,3
2A	Industry groupings, 1985 and 1986	4,5
3A	Percent changes, 1985 and 1986	4
3B	Historical data, total index	5
4A	Industry subtotals and individual series, 1985	6,8,10
4A	Industry subtotals and individual series, 1986	7,9,11

Industrial Production, Not Seasonally Adjusted

1B	Market groupings, 1985 and 1986	12,13
2B	Industry groupings, 1985 and 1986	14,15
4B	Industry subtotals and individual series, 1985	16,18,20
4B	Industry subtotals and individual series, 1986	17,19,21

Additional Tables, Seasonally Adjusted

5	Industrial production indexes, quarterly averages	22
6A	Gross value of products, monthly, 1985 and 1986	22,23
6B	Gross value of products, quarterly, last 10 quarters	23
	Explanatory Note	24

-- Electric power use by industry, January 1977-August 1987 — 25

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Table 1A

INDUSTRIAL PRODUCTION: MARKET GROUPINGS

Seasonally adjusted, 1977 = 100

Major Market Groupings	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL INDEX	100.00	123.7	122.4	122.9	123.3	123.1	123.7	123.5	123.4	124.1	124.4	123.7	124.8	125.4
PRODUCTS, TOTAL	57.72	130.6	128.1	129.0	129.7	129.6	130.7	130.3	130.5	131.6	131.7	130.9	132.6	132.8
FINAL PRODUCTS	44.77	131.0	128.8	129.6	130.1	130.0	131.3	130.5	130.9	132.0	132.0	131.0	133.0	132.9
CONSUMER GOODS	25.52	119.8	117.8	118.7	119.2	118.2	119.5	119.3	119.3	120.7	120.8	120.4	121.7	122.0
EQUIPMENT, TOTAL	19.25	145.8	143.6	144.2	144.6	145.8	146.9	145.3	146.3	147.0	146.8	145.0	147.8	147.3
INTERMEDIATE PRODUCTS	12.94	129.3	125.6	126.7	128.0	127.9	128.9	129.6	129.0	130.0	130.9	130.6	131.4	132.3
MATERIALS	42.28	114.3	114.6	114.7	114.7	114.2	114.0	114.2	113.7	114.0	114.4	114.0	114.2	115.4
CONSUMER GOODS	25.52	119.8	117.8	118.7	119.2	118.2	119.5	119.3	119.3	120.7	120.8	120.4	121.7	122.0
DURABLE CONSUMER GOODS	6.89	112.5	110.8	111.2	112.5	110.8	112.4	112.3	111.9	115.1	112.9	112.9	113.9	112.7
Automotive products	2.98	114.1	111.9	112.8	114.0	111.0	113.6	113.5	113.4	119.8	116.4	115.3	116.4	112.4
Autos and trucks, consumer	1.79	112.0	109.9	108.7	110.7	107.4	111.0	110.8	113.1	121.4	115.5	114.4	115.6	108.3
Autos, consumer	1.16	98.9	99.4	97.2	101.2	99.4	99.8	97.9	101.4	102.8	99.7	98.0	98.9	93.1
Trucks, consumer	.63	98.9	129.5	130.0	128.4	122.4	131.9	134.6	134.9	155.8	144.8	144.9	146.8	136.6
Auto parts & allied gds	1.19	117.2	114.8	119.0	119.0	116.3	117.3	117.6	113.9	117.5	117.7	116.8	117.4	118.5
Home goods	3.91	111.2	109.9	110.0	111.3	110.7	111.6	111.5	110.8	111.6	110.3	111.1	112.0	113.0
Appliances, TV & air-cond	1.24	128.0	126.9	127.2	129.3	126.9	131.3	129.5	124.8	127.2	123.9	125.6	130.1	129.5
Appliances and TV	1.19	128.7	127.4	127.5	129.2	127.0	131.0	129.9	125.9	128.3	125.6	127.8	132.3	131.7
Carpeting & furniture	.96	119.8	111.8	115.3	117.8	119.3	117.4	120.4	123.0	120.6	122.3	121.9	124.3	123.4
Misc. home goods	1.71	94.3	96.6	94.6	94.7	94.3	94.0	93.4	93.8	95.2	93.7	94.5	92.1	95.2
NONDURABLE CONSUMER GOODS	18.63	122.5	120.3	121.4	121.6	120.9	122.1	121.9	122.0	122.8	123.7	123.2	124.6	125.5
Clothing	3.34	94.4	93.3	93.6	93.5	92.1	93.4	93.6	93.8	94.5	96.2	95.5	96.8	95.9
Consumer staples	15.29	128.7	126.2	127.5	127.8	127.2	128.3	128.1	128.1	129.0	129.7	129.2	130.7	131.9
Consumer foods & tobacco	7.80	129.2	126.6	127.5	128.1	128.1	128.4	129.1	129.2	130.3	130.6	129.9	130.7	131.6
Nonfood staples	7.49	128.2	125.9	127.5	127.5	126.2	128.2	127.0	127.0	127.6	128.8	128.6	130.7	132.3
Consumer chem. products	2.75	146.7	142.7	144.3	145.5	144.8	149.3	145.8	144.4	146.7	149.8	145.6	150.7	150.0
Consumer paper products	1.88	142.0	139.3	138.3	140.7	140.4	142.9	141.7	141.8	141.7	142.4	143.7	144.3	146.7
Consumer energy	2.86	101.3	101.0	104.4	101.4	99.0	98.3	99.5	100.7	100.0	99.7	102.3	102.7	105.8
Consumer fuel	1.44	88.6	86.5	87.5	87.6	88.8	88.2	88.6	89.4	89.5	84.7	90.5	89.9	91.7
Residential utilities	1.42	114.3	115.8	121.7	115.4	109.5	108.7	110.5	112.1	110.7	115.0	114.5	115.8	120.2
EQUIPMENT, TOTAL	19.25	145.8	143.6	144.2	144.6	145.8	146.9	145.3	146.3	147.0	146.8	145.0	147.8	147.3
BUSINESS & DEFENSE EQUIP.	18.01	146.5	143.4	144.2	145.0	146.4	147.5	145.8	146.8	147.5	147.5	146.0	149.3	149.1
BUSINESS EQUIPMENT	14.34	140.2	138.2	138.9	139.3	140.8	141.8	139.2	140.3	140.9	140.5	138.5	142.2	141.6
Constr, mining, & farm	2.08	60.1	63.0	62.2	61.4	61.7	60.7	60.8	60.5	59.6	58.3	57.2	58.0	57.4
Manufacturing equipment	3.27	111.0	110.3	111.2	110.3	110.6	111.5	109.8	111.4	111.7	111.8	109.5	110.9	112.5
Power equipment	1.27	83.0	82.2	81.6	81.0	81.3	82.4	82.8	84.4	83.5	84.1	83.9	83.8	84.0
Commercial equipment	5.22	220.0	216.6	218.3	219.7	222.3	224.4	217.9	220.3	220.5	218.7	215.2	223.6	222.7
Transit equipment	2.49	107.6	102.2	102.4	104.2	106.2	106.9	107.3	105.9	109.7	111.9	111.6	113.3	109.9
DEFENSE & SPACE EQUIPMENT	3.67	171.4	163.6	165.1	167.2	168.2	169.6	171.6	171.9	173.5	174.8	175.2	177.1	178.3
INTERMEDIATE PRODUCTS	12.94	129.3	125.6	126.7	128.0	127.9	128.9	129.6	129.0	130.0	130.9	130.6	131.4	132.3
Construction supplies	5.95	119.2	116.0	115.2	117.6	117.1	118.7	119.2	119.5	120.2	120.9	121.1	121.6	122.1
Business supplies	6.99	137.9	133.7	136.4	136.9	137.1	137.5	138.5	137.0	138.3	139.4	138.7	139.8	140.9
Gen. business supplies	5.67	141.5	137.3	139.7	140.2	141.1	141.2	141.9	140.6	142.3	143.0	142.3	143.6	144.7
Commercial energy prod.	1.31	122.2	118.4	122.2	122.6	119.9	121.7	123.4	121.8	121.0	123.9	123.5	123.3	124.7
MATERIALS	42.28	114.3	114.6	114.7	114.7	114.2	114.0	114.2	113.7	114.0	114.4	114.0	114.2	115.4
DURABLE GOODS MATERIALS	20.50	121.7	123.4	122.5	123.0	122.2	121.5	121.8	120.6	121.3	120.6	120.6	121.5	121.9
Consumer durable parts	4.92	100.8	101.9	100.7	100.8	100.9	100.7	100.0	100.2	101.0	99.8	100.9	101.9	101.4
Equipment parts	5.94	158.6	165.5	162.6	163.0	160.3	159.9	158.9	156.7	156.7	155.3	153.8	155.2	155.1
Durable materials nec	9.64	109.7	108.4	108.9	109.7	109.5	108.5	110.0	108.7	109.9	109.7	110.1	110.8	111.9
Basic metal materials	4.64	84.7	83.4	83.9	85.2	84.2	82.4	85.7	82.7	85.6	84.6	85.7	86.8	87.1
NONDURABLE GOODS MATERIALS	10.09	112.1	110.3	110.7	110.5	110.7	111.3	111.5	112.8	112.4	114.3	113.7	113.1	114.8
Textile, paper, & chem. mater.	7.53	112.4	111.0	111.3	111.1	110.9	111.2	111.4	112.9	112.2	114.7	114.1	113.4	115.1
Textile materials	1.52	97.3	91.8	94.1	93.3	93.6	94.9	96.1	97.0	98.4	101.1	102.2	103.4	102.2
Pulp & paper materials	1.55	124.1	126.3	125.6	125.5	122.8	122.8	122.2	124.3	121.5	124.3	123.1	124.2	126.5
Chemical materials	4.46	113.5	112.2	112.1	112.1	112.7	112.8	112.9	114.4	113.7	116.0	115.1	113.0	115.5
Misc. nondurable materials	2.57	111.3	108.2	108.9	109.0	110.0	111.7	111.5	112.3	113.0	113.1	112.6	112.2	113.7
ENERGY MATERIALS	11.69	103.3	103.0	104.5	103.8	103.3	103.2	103.3	102.6	102.7	103.6	102.6	102.3	104.4
Primary energy	7.57	107.3	106.6	107.7	107.9	107.4	107.3	108.9	106.2	106.4	107.4	106.7	107.0	108.7
Converted fuel materials	4.12	95.8	96.5	98.6	96.2	95.7	95.7	93.2	95.9	95.8	96.6	95.1	93.7	96.6

NOTE: Two components--oil and gas well drilling and manufactured homes--are included in total equipment but not shown here. They are shown in Tables 4A and 4B on page 8 and 9.

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Table 1A

INDUSTRIAL PRODUCTION: MARKET GROUPINGS

Seasonally adjusted, 1977 = 100

Major Market Groupings	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL INDEX	100.00	125.1	126.4	125.5	123.9	124.7	124.3	124.1	124.8	124.9	124.5	125.3	125.7	126.8
PRODUCTS, TOTAL	57.72	133.3	134.0	133.2	131.7	132.8	132.5	132.2	133.4	133.6	133.1	134.1	134.1	135.2
FINAL PRODUCTS	44.77	132.5	134.0	132.9	131.0	132.2	131.7	131.0	132.3	132.7	132.1	132.9	132.9	134.1
CONSUMER GOODS	25.52	124.0	123.6	122.9	121.4	123.8	123.8	123.7	124.5	125.0	123.6	124.8	125.0	126.6
EQUIPMENT, TOTAL	19.25	143.6	147.7	146.1	143.7	143.3	142.1	140.8	142.7	142.8	143.4	143.7	143.4	144.0
INTERMEDIATE PRODUCTS	12.94	136.2	134.2	134.2	134.0	134.9	135.1	136.3	137.1	136.8	136.4	138.3	138.1	139.2
MATERIALS	42.28	113.8	115.9	115.0	113.2	113.7	113.2	113.0	113.2	113.1	112.9	113.3	114.3	115.2
CONSUMER GOODS	25.52	124.0	123.6	122.9	121.4	123.8	123.8	123.7	124.5	125.0	123.6	124.8	125.0	126.6
DURABLE CONSUMER GOODS	6.89	115.6	115.2	115.1	111.3	114.5	114.0	114.3	115.9	116.2	117.4	116.8	117.4	119.5
Automotive products	2.98	115.3	114.5	116.2	110.8	115.9	114.6	114.7	116.6	115.8	118.4	115.7	114.9	115.3
Autos and trucks,consumer	1.79	112.9	114.2	116.4	106.6	114.3	111.9	113.4	114.6	112.2	117.5	112.1	109.3	112.0
Autos, consumer	1.16	97.3	100.9	104.0	93.2	99.7	96.0	99.4	94.9	90.1	98.9	98.0	94.5	96.0
Trucks, consumer	.63	141.8	138.9	139.4	131.5	141.4	141.5	139.6	151.2	153.1	152.2	138.3	136.9	141.7
Auto parts & allied gds	1.19	118.9	115.0	116.0	117.2	118.3	118.6	116.7	119.5	121.3	119.6	121.3	123.2	120.4
Home goods	3.91	115.8	115.8	114.2	111.6	113.4	113.5	114.0	115.4	116.5	116.7	117.6	119.3	122.6
Appliances,TV & air-cond	1.24	134.0	133.9	130.6	124.6	130.2	129.2	130.7	133.1	135.7	136.6	137.4	141.0	146.6
Appliances and TV	1.19	135.9	136.3	133.1	126.7	131.4	131.2	131.9	135.4	138.6	138.6	138.6	142.5	147.8
Carpeting & furniture	.96	126.3	125.5	125.0	122.8	123.7	124.9	124.7	127.8	126.8	125.9	128.6	129.4	131.2
Misc. home goods	1.71	96.8	97.2	96.4	95.9	95.5	95.8	96.1	95.6	96.8	97.1	97.2	98.0	100.5
NONDURABLE CONSUMER GOODS	18.63	127.1	126.7	125.8	125.2	127.2	127.5	127.1	127.6	128.2	125.9	127.7	127.8	129.2
Clothing	3.34	96.1	97.4	95.2	94.9	96.2	96.1	95.8	96.5	96.9	95.1	96.4	95.8	96.8
Consumer staples	15.29	133.9	133.1	132.5	131.8	134.0	134.3	134.0	134.4	135.1	132.6	134.5	134.8	136.3
Consumer foods & tobacco	7.80	132.7	131.8	132.2	131.4	133.1	133.3	132.9	132.8	133.6	131.7	132.4	133.2	134.7
Nonfood staples	7.49	135.2	134.4	132.8	132.2	135.0	135.4	135.1	136.1	136.6	133.6	136.7	136.5	138.0
Consumer chem. products	2.75	158.2	154.7	154.9	154.1	159.5	159.7	160.2	160.5	159.5	156.4	159.1	157.9	161.4
Consumer paper products	1.88	147.4	147.1	143.4	143.5	145.6	148.5	146.9	146.1	148.5	145.7	150.2	151.6	152.3
Consumer energy	2.86	105.1	106.7	104.5	103.7	104.5	103.5	103.3	106.2	106.9	103.6	106.3	106.1	106.1
Consumer fuel	1.44	92.9	93.9	93.3	92.7	93.1	94.9	92.4	92.0	94.8	92.2	91.4	91.7	92.2
Residential utilities	1.42	117.5	119.7	115.9	114.9	116.2	112.3	114.4	120.7	119.3	115.3	121.5	120.7	120.2
EQUIPMENT, TOTAL	19.25	143.6	147.7	146.1	143.7	143.3	142.1	140.8	142.7	142.8	143.4	143.7	143.4	144.0
BUSINESS & DEFENSE EQUIP.	18.01	148.1	149.6	148.8	147.2	147.8	147.1	146.0	148.2	148.2	148.8	148.8	148.4	149.0
BUSINESS EQUIPMENT	14.34	139.5	142.1	141.3	139.2	139.6	138.6	137.2	139.4	139.1	139.6	139.4	138.8	139.5
Constr, mining, & farm	2.08	55.7	57.5	56.3	53.8	53.3	55.5	56.9	55.8	56.3	56.2	56.1	54.6	56.7
Manufacturing equipment	3.27	114.0	113.2	113.6	113.7	113.5	113.7	113.6	114.4	115.1	115.5	115.4	112.9	113.8
Power equipment	1.27	82.4	84.5	83.9	83.9	84.2	83.9	84.2	82.5	81.6	79.8	80.5	79.5	80.2
Commercial equipment	5.22	217.4	222.4	220.8	219.1	217.0	214.6	210.0	218.2	217.4	216.5	216.6	218.0	218.8
Transit equipment	2.49	108.8	112.0	111.7	105.1	112.2	109.3	109.7	106.2	105.2	110.6	109.2	107.8	106.6
DEFENSE & SPACE EQUIPMENT	3.67	182.0	178.9	178.0	178.6	179.8	180.2	180.7	182.4	183.7	184.6	185.6	185.5	186.2
INTERMEDIATE PRODUCTS	12.94	136.2	134.2	134.2	134.0	134.9	135.1	136.3	137.1	136.8	136.4	138.3	138.1	139.2
Construction supplies	5.95	126.4	125.3	125.4	125.4	125.4	125.6	125.6	126.5	127.0	127.3	127.3	127.3	128.6
Business supplies	6.99	144.6	141.7	141.7	141.3	143.1	143.2	145.5	146.1	145.1	144.2	147.7	147.3	148.2
Gen. business supplies	5.67	148.5	145.7	145.2	144.9	146.7	146.6	149.0	150.3	149.1	148.4	152.1	151.0	152.7
Commercial energy prod.	1.31	127.8	124.3	126.4	125.8	127.4	128.4	130.4	128.1	128.0	126.2	128.6	131.3	129.0
MATERIALS	42.28	113.8	115.9	115.0	113.2	113.7	113.2	113.0	113.2	113.1	112.9	113.3	114.3	115.2
DURABLE GOODS MATERIALS	20.50	120.0	122.4	121.3	119.4	120.1	119.4	118.7	119.1	118.9	118.9	119.7	120.6	121.6
Consumer durable parts	4.92	100.7	104.0	103.8	100.8	100.6	99.2	99.5	99.2	98.4	98.5	100.9	101.2	102.4
Equipment parts	5.94	153.8	155.0	154.1	153.6	154.0	153.4	152.5	153.5	153.7	154.0	153.5	153.9	154.4
Durable materials nec	9.64	109.0	111.8	110.0	107.7	109.1	108.8	107.7	108.1	107.9	107.6	108.5	110.1	111.3
Basic metal materials	4.64	79.7	84.4	82.4	79.1	81.4	79.4	76.6	77.6	77.3	77.8	78.4	81.1	81.1
NONDURABLE GOODS MATERIALS	10.09	117.5	116.0	115.7	113.9	116.3	116.1	117.3	117.3	118.5	119.0	119.3	119.2	122.5
Textile,paper,&chem.mater.	7.53	117.9	116.3	115.9	114.3	115.9	116.6	117.5	117.4	119.3	120.0	119.7	119.5	123.4
Textile materials	1.52	104.5	101.1	103.8	102.3	103.0	103.1	104.5	104.0	106.6	107.2	104.8	106.1	107.8
Pulp & paper materials	1.55	132.6	129.2	127.8	128.4	130.2	129.4	133.5	132.6	136.1	133.5	134.2	136.7	140.2
Chemical materials	4.46	117.5	117.0	115.9	113.6	115.3	116.7	116.4	116.8	117.8	119.6	119.8	118.1	122.9
Misc. nondurable materials	2.57	116.3	115.0	115.1	112.8	117.2	114.6	116.6	116.8	116.4	116.0	118.0	118.4	119.6
ENERGY MATERIALS	11.69	99.7	104.4	103.5	101.9	100.2	99.9	99.1	99.2	98.1	97.1	96.8	98.8	97.7
Primary energy	7.57	105.8	110.1	109.5	108.6	106.5	105.9	104.9	104.1	104.2	103.0	102.9	106.0	104.2
Converted fuel materials	4.12	88.5	94.1	92.5	89.4	88.6	88.7	88.4	90.2	87.0	86.1	85.6	85.6	85.6

NOTE: Two components--oil and gas well drilling and manufactured homes--are included in total equipment but not shown here. They are shown in Tables 4A and 4B on page 8 and 9.

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Table 2A

INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS

Seasonally adjusted, 1977 = 100

Major Industry Groupings	SIC Code	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MINING AND UTILITIES		15.78	109.8	110.8	111.8	110.6	109.3	109.3	109.5	108.8	108.6	110.3	108.8	108.4	110.5
MINING		9.83	108.9	109.6	109.8	110.2	109.8	109.9	110.4	108.0	108.1	108.6	107.3	106.9	108.2
UTILITIES		5.96	111.1	112.6	115.1	111.2	108.5	108.5	108.1	110.1	109.5	113.1	111.3	111.0	114.2
MANUFACTURING		84.22	126.4	124.6	124.9	125.7	125.7	126.5	126.1	126.1	127.0	127.1	126.5	127.8	128.0
NONDURABLE		35.11	124.6	122.3	122.8	123.2	123.4	124.4	124.2	124.4	125.0	126.1	125.3	126.5	127.1
DURABLE		49.10	127.6	126.3	126.4	127.5	127.4	128.0	127.5	127.4	128.5	127.8	127.4	128.7	128.7
MINING															
Metal mining	10	.50	76.1	73.0	74.4	80.6	78.1	78.1	77.5	64.3	74.6	75.6	77.7	80.5	79.3
Coal	11,12	1.60	127.0	120.7	123.6	130.1	129.4	127.8	133.3	125.7	124.8	127.7	124.9	125.8	129.8
Oil & gas extraction	13	7.07	105.9	108.6	108.1	106.8	106.6	106.9	106.5	105.8	105.4	105.3	103.9	102.8	104.1
Stone & earth minerals	14	.66	122.2	121.1	122.2	121.2	120.5	121.9	121.4	122.3	121.8	123.3	123.6	124.4	122.2
NONDURABLE MANUFACTURES															
Foods	20	7.96	130.5	126.7	128.7	129.1	129.7	130.5	130.7	130.8	131.9	132.9	130.3	131.6	132.5
Tobacco products	21	.62	100.3	100.7	102.9	101.3	98.6	97.5	100.7	99.4	97.9	99.1	101.8	102.7	99.5
Textile mill products	22	2.29	102.2	96.1	98.0	98.6	99.3	100.2	101.7	102.9	102.7	105.2	106.1	108.6	106.5
Apparel products	23	2.79	100.4	100.3	100.5	99.7	98.7	99.1	98.6	99.5	100.1	101.8	101.6	102.7	102.6
Paper & products	26	3.15	127.6	127.5	127.0	127.8	125.6	125.7	126.8	129.0	126.9	128.1	127.4	128.4	131.6
Printing & publishing	27	4.54	151.4	147.1	147.2	149.5	150.1	152.5	151.2	149.3	152.1	152.7	152.7	154.9	156.0
Chemicals & products	28	8.05	126.4	125.2	124.7	125.0	125.5	127.7	126.3	126.0	126.2	128.4	126.6	127.6	128.0
Petroleum products	29	2.40	86.9	85.0	85.5	84.9	86.5	86.7	86.6	87.7	88.4	85.1	88.7	88.3	89.5
Rubber & plastics prod.	30	2.80	146.1	145.0	145.6	144.7	145.7	144.7	144.1	145.4	147.0	148.5	147.1	148.2	147.3
Leather & products	31	.53	68.4	68.7	67.0	68.2	68.2	69.8	69.1	68.9	70.2	69.4	68.1	67.0	66.0
DURABLE MANUFACTURES															
Lumber & products	24	2.30	114.3	109.7	108.7	110.9	111.5	113.5	115.0	115.1	116.6	117.5	117.8	116.8	117.5
Furniture & fixtures	25	1.27	138.0	132.0	137.8	136.3	136.9	137.6	138.2	141.2	138.3	139.8	137.5	140.7	139.4
Clay, glass, stone prod.	32	2.72	114.5	111.3	111.1	111.4	114.4	114.6	115.2	115.3	115.2	115.5	115.1	116.4	117.8
Primary metals	33	5.33	80.4	80.1	80.0	82.8	79.5	77.5	80.4	79.0	81.8	80.4	81.3	82.1	80.4
Iron & steel	331,2	3.49	70.4	68.9	68.4	74.7	69.6	66.8	70.8	68.6	72.1	70.4	71.9	72.6	70.5
Fabricated metal prod.	34	6.46	107.1	106.2	106.3	106.9	108.6	107.5	106.4	106.4	107.5	106.7	107.6	107.5	108.1
Nonelectrical machinery	35	9.54	146.2	144.4	145.6	146.3	148.7	149.6	144.8	146.2	145.8	145.7	143.6	146.7	147.8
Electrical machinery	36	7.15	168.3	173.8	172.8	172.7	168.5	170.1	169.5	166.2	166.3	164.8	164.0	165.5	165.9
Transportation equip.	37	9.13	122.8	117.5	117.4	120.1	119.5	121.4	122.3	123.4	126.9	126.0	126.0	127.3	125.8
Motor vehicles & pts.	371	5.26	111.9	109.9	108.6	111.0	110.0	111.6	111.5	112.8	116.8	113.9	113.4	114.0	110.9
Aerospace & misc.	372-6,9	3.87	137.5	127.8	129.4	132.5	132.6	134.6	137.0	137.8	140.7	142.5	143.1	145.5	146.0
Instruments	38	2.66	139.3	138.6	137.8	138.3	138.3	139.6	140.1	140.2	140.6	139.2	138.4	139.9	140.1
Miscellaneous mfrs.	39	1.46	96.1	96.0	95.1	95.3	96.7	96.6	96.6	96.6	97.6	96.2	95.3	95.4	96.3
UTILITIES															
Electric		4.17	119.7	119.8	122.5	119.5	118.3	119.9	118.4	117.8	117.4	120.5	119.4	120.3	122.5

Table 3A

INDUSTRIAL PRODUCTION: PERCENT CHANGES

Based on seasonally-adjusted indexes

Series	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	CHANGE FROM PREVIOUS MONTH											
TOTAL INDEX	-0.2	.4	.3	-0.2	.5	-0.1	-0.1	.6	.2	-0.5	.9	.5
Final products	-0.4	.6	.4	-0.1	1.0	-0.6	.3	.9	.0	-0.8	1.5	-0.1
Consumer goods	-1.2	.8	.4	-0.8	1.1	-0.1	-0.1	1.2	.1	-0.3	1.1	.2
Durable consumer goods	-2.2	.4	1.1	-1.5	1.4	-0.1	-0.4	2.9	-1.9	.0	.9	-1.0
Nondurable consumer goods	-0.8	.9	.2	-0.6	1.0	-0.1	.0	.7	.7	-0.4	1.2	.6
Business equipment	.9	.5	.3	1.0	.7	-1.9	.8	.4	-0.3	-1.5	2.7	-0.4
Construction Supplies	1.0	-0.7	2.1	-0.4	1.3	.4	.3	.6	.6	.1	.5	.4
Materials	.1	.1	.0	-0.5	-0.2	.2	-0.4	.3	.3	-0.4	.2	1.0
Durable goods materials	.1	-0.7	.4	-0.7	-0.5	.2	-1.0	.6	-0.6	.0	.8	.3
Nondurable goods materials	-0.3	.4	-0.1	.2	.5	.1	1.1	-0.3	1.7	-0.5	-0.6	1.5
Manufacturing	-0.3	.2	.7	.0	.6	-0.3	.0	.7	.1	-0.5	1.0	.2
Durable manufacturing	-0.2	.1	.9	-0.1	.5	-0.4	-0.1	.8	-0.5	-0.4	1.1	.0
Nondurable manufacturing	-0.5	.4	.3	.2	.8	-0.2	.2	.5	.9	-0.6	1.0	.4
Mining and utilities	.8	1.0	-1.1	-1.2	.0	.2	-0.7	-0.2	1.6	-1.3	-0.4	1.9

Series	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	CHANGE FROM PREVIOUS MONTH											
TOTAL INDEX	.8	-0.7	-1.3	.7	-0.3	-0.2	.6	.1	-0.3	.6	.3	.8
Final products	.8	-0.8	-1.4	.9	-0.4	-0.5	1.0	.3	-0.4	.6	.0	.9
Consumer goods	1.3	-0.5	-1.2	2.0	.0	-0.1	.6	.4	-1.1	.9	.2	1.3
Durable consumer goods	2.2	-0.1	-3.3	2.9	-0.5	.3	1.4	.3	1.0	-0.5	.5	1.8
Nondurable consumer goods	1.0	-0.7	-0.5	1.7	.2	-0.3	.4	.5	-1.8	1.4	.1	1.1
Business equipment	.3	-0.6	-1.5	.3	-0.7	-1.0	1.6	-0.2	.4	-0.1	-0.4	.5
Construction Supplies	2.7	.0	.1	.0	.2	-0.1	.8	.4	.2	.1	-0.1	1.0
Materials	.5	-0.8	-1.6	.4	-0.4	-0.2	.2	-0.1	-0.2	.4	.9	.8
Durable goods materials	.5	-0.9	-1.6	.6	-0.5	-0.6	.3	-0.2	.0	.7	.8	.8
Nondurable goods materials	1.1	-0.2	-1.5	2.0	-0.2	1.0	.0	1.1	.3	.3	.0	2.7
Manufacturing	1.0	-0.5	-1.0	1.0	-0.1	-0.2	.7	.1	.0	.4	.3	.9
Durable manufacturing	.8	-0.7	-1.1	.8	-0.6	-0.6	.9	-0.2	.4	.2	.3	.5
Nondurable manufacturing	1.2	-0.3	-0.7	1.3	.5	.4	.3	.4	-0.6	.7	.3	1.3
Mining and utilities	.1	-1.9	-2.1	-1.7	-1.7	-1.1	.4	-1.1	-1.0	1.2	1.1	-0.4

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Table 2A

INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS

Seasonally adjusted, 1977 = 100

Major Industry Groupings	SIC Code	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MINING AND UTILITIES		15.78	103.5	110.5	108.4	106.2	104.4	102.6	101.5	101.9	100.7	99.7	100.9	102.0	101.6
MINING		9.83	100.4	110.0	107.6	105.2	102.1	100.5	98.2	97.8	96.9	95.8	96.2	97.5	97.1
UTILITIES		5.96	108.5	111.5	109.9	107.9	108.1	106.1	106.9	108.6	107.0	106.2	108.6	109.6	109.0
MANUFACTURING		84.22	129.1	129.3	128.6	127.4	128.7	128.5	128.3	129.2	129.2	129.2	129.7	130.1	131.3
NONDURABLE		35.11	130.1	128.6	128.2	127.3	128.9	129.7	130.2	130.6	131.1	130.3	131.2	131.7	133.4
DURABLE		49.10	128.4	129.8	128.9	127.4	128.5	127.7	126.9	128.1	127.9	128.4	128.6	129.0	129.7
MINING															
Metal mining	10	.50	74.2	80.3	79.9	78.2	77.4	73.2	67.0	71.1	72.4	73.8	70.9	71.1	76.2
Coal	11,12	1.60	127.7	137.4	134.1	130.0	127.2	125.3	125.7	124.8	126.0	124.1	123.6	129.8	125.4
Oil & gas extraction	13	7.07	93.9	104.7	101.9	100.0	96.1	94.8	91.7	91.2	89.5	88.5	89.2	89.6	89.8
Stone & earth minerals	14	.66	123.1	122.6	124.5	121.2	124.3	122.5	124.3	122.6	125.0	121.1	123.9	123.2	122.5
NONDURABLE MANUFACTURES															
Foods	20	7.96	134.4	132.9	133.7	133.1	134.4	134.4	134.8	134.5	135.3	134.4	133.7	135.3	136.7
Tobacco products	21	.62	97.1	95.2	98.3	95.7	100.0	100.1	98.3	99.3	97.7	93.0	98.2	96.4	93.4
Textile mill products	22	2.29	109.2	106.4	107.9	105.3	108.6	108.2	108.8	108.6	110.7	110.6	110.2	112.2	113.4
Apparel products	23	2.79	103.1	103.4	102.2	102.0	102.4	102.5	102.7	103.5	103.2	102.6	103.9	103.8	104.9
Paper & products	26	3.15	136.5	133.7	132.8	132.9	134.2	133.5	137.5	138.5	139.1	136.5	138.8	139.6	141.1
Printing & publishing	27	4.54	160.9	158.0	155.5	155.9	159.1	160.0	161.5	161.4	161.7	161.7	164.4	164.8	166.4
Chemicals & products	28	8.05	132.0	130.7	130.4	128.8	131.0	132.2	132.1	132.8	132.6	132.2	133.3	132.3	135.7
Petroleum products	29	2.40	92.6	94.4	91.0	90.3	92.5	94.7	92.1	91.6	93.8	93.0	92.4	92.5	93.5
Rubber & plastics prod.	30	2.80	151.4	148.9	149.7	147.3	146.1	149.2	150.8	153.2	153.1	152.4	154.2	155.2	157.1
Leather & products	31	.53	61.4	66.0	64.4	62.9	61.9	60.4	58.5	61.7	61.4	59.0	59.4	61.0	60.2
DURABLE MANUFACTURES															
Lumber & products	24	2.30	124.1	122.0	121.2	121.1	123.2	123.1	121.5	122.5	123.6	123.8	124.6	130.3	133.5
Furniture & fixtures	25	1.27	143.8	140.4	140.9	141.5	143.2	143.1	144.1	145.5	144.4	143.5	145.4	145.6	148.8
Clay, glass, stone prod.	32	2.72	118.2	119.0	118.2	118.3	119.7	118.0	118.4	117.4	117.0	118.0	117.3	118.7	119.4
Primary metals	33	5.33	75.1	80.7	78.8	76.3	76.5	75.1	72.5	73.6	72.6	72.8	73.1	75.5	73.4
Iron & steel	331,2	3.49	63.4	70.8	68.2	64.9	64.9	62.1	60.5	62.5	60.3	60.2	61.0	63.5	61.3
Fabricated metal prod.	34	6.46	108.0	109.3	108.5	107.3	108.9	107.0	107.2	106.7	106.9	107.8	108.9	108.3	109.6
Nonelectrical machinery	35	9.54	145.0	147.9	146.5	145.1	143.8	143.6	143.6	145.6	145.0	144.9	145.0	144.5	144.8
Electrical machinery	36	7.15	165.7	165.4	163.4	162.6	164.5	165.0	161.9	166.6	166.6	166.6	167.3	167.9	170.4
Transportation equip.	37	9.13	127.5	128.5	128.7	125.2	128.1	127.0	127.5	127.2	126.9	128.9	127.6	126.9	126.8
Motor vehicles & pts.	371	5.26	111.5	114.1	115.1	109.0	113.0	110.7	112.1	111.4	109.6	113.0	110.3	109.1	109.7
Aerospace & misc.	372-6,9	3.87	149.2	148.0	147.1	147.3	148.7	149.2	148.4	148.7	150.3	150.4	151.2	151.1	150.1
Instruments	38	2.66	139.8	140.9	141.3	141.1	141.7	139.0	137.9	138.7	139.7	138.7	139.1	139.3	140.2
Miscellaneous mfrs.	39	1.46	100.1	99.8	100.5	99.1	99.6	101.8	98.8	99.0	98.9	99.3	100.0	100.9	103.8
UTILITIES															
Electric		4.17	122.4	120.4	119.8	119.9	123.9	122.1	123.1	125.1	122.7	121.0	124.0	124.4	122.6

Table 3B

INDUSTRIAL PRODUCTION: HISTORICAL DATA

Seasonally adjusted, 1977 = 100

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	QI	QII	QIII	QIV	ANNUAL
INDEX																	
72	83.8	84.4	85.1	86.5	86.3	86.5	86.4	87.6	88.5	89.8	90.9	91.8	84.4	86.4	87.5	90.8	87.3
73	91.8	93.1	93.1	93.4	93.8	94.5	95.1	95.1	95.8	96.1	96.2	94.7	92.7	93.9	95.3	95.7	94.4
74	93.3	93.0	93.4	93.2	94.3	94.6	94.2	93.9	94.2	93.6	90.9	87.1	93.2	94.1	94.1	90.5	93.0
75	84.8	83.5	82.0	82.7	82.5	83.6	84.1	85.6	86.4	86.9	87.7	88.4	83.4	82.9	85.3	87.6	84.8
76	89.3	90.9	90.7	91.1	92.1	92.2	92.7	93.2	93.5	93.9	95.4	96.2	90.3	91.8	93.2	95.2	92.6
77	96.5	97.2	98.0	99.0	99.6	100.4	100.7	101.0	101.4	101.8	102.1	102.1	97.3	99.7	101.0	102.0	100.0
78	101.6	101.6	103.0	105.5	105.8	106.9	107.5	107.7	108.3	109.2	109.9	110.8	102.1	106.1	107.9	110.0	106.5
79	110.3	110.9	111.2	109.9	110.9	110.9	110.5	110.2	110.4	111.0	111.0	111.0	110.8	110.6	110.4	111.0	110.7
80	111.3	111.4	111.4	109.1	106.2	105.0	104.8	106.3	107.7	108.5	110.7	111.0	111.4	106.8	106.3	110.1	108.6
81	111.0	111.2	111.6	110.6	111.2	112.0	113.4	112.8	111.5	110.4	109.0	107.4	111.2	111.3	112.5	108.9	111.0
82	105.4	107.0	105.8	104.5	103.6	103.0	102.5	102.0	101.3	100.5	100.6	100.5	106.1	103.7	102.0	100.6	103.1
83	102.5	103.3	104.2	105.6	106.9	107.8	109.8	111.6	113.7	116.4	114.8	115.5	103.3	106.8	111.7	114.9	109.2
84	118.5	119.3	119.9	120.5	121.0	121.9	122.8	123.0	122.4	122.1	122.7	122.7	119.3	121.1	122.7	122.5	121.4
85	122.4	122.9	123.3	123.1	123.7	123.5	123.4	124.1	124.4	123.7	124.8	125.4	122.9	123.4	124.0	124.7	123.7
86	126.4	125.5	123.9	124.7	124.3	124.1	124.8	124.9	124.5	125.3	125.7	126.8	125.2	124.4	124.8	125.9	125.1
CHANGE*																	
72	2.2	0.7	0.8	1.6	-0.2	0.3	-0.2	1.4	1.1	1.4	1.2	1.0	3.9	2.3	1.3	3.6	9.7
73	0.1	1.4	-0.0	0.4	0.4	0.8	0.6	-0.1	0.8	0.4	0.0	-1.6	2.0	1.3	1.5	0.4	8.1
74	-1.4	-0.4	0.5	-0.2	1.2	0.3	-0.5	-0.3	0.4	-0.7	-2.9	-4.2	-2.5	0.9	0.0	-3.8	-1.5
75	-2.6	-1.6	-1.8	0.9	-0.3	1.3	0.6	1.8	1.0	0.5	0.9	0.8	-7.8	-0.6	2.9	2.7	-8.8
76	1.1	1.8	-0.2	0.4	1.1	0.1	0.6	0.6	0.3	0.3	1.7	0.8	3.1	1.6	1.5	2.1	9.2
77	0.3	0.8	0.8	1.1	0.6	0.7	0.4	0.2	0.5	0.4	0.3	0.1	2.2	2.5	1.4	1.0	8.0
78	-0.6	0.0	1.4	2.4	0.3	1.0	0.6	0.2	0.6	0.8	0.7	0.8	0.1	3.9	1.7	2.0	6.5
79	-0.5	0.6	0.3	-1.2	0.9	0.0	-0.4	-0.3	0.2	0.5	-0.0	-0.0	0.7	-0.2	-0.2	0.5	3.9
80	0.3	0.1	-0.0	-2.1	-2.6	-1.2	-0.2	1.4	1.4	0.7	2.0	0.3	0.4	-4.2	-0.5	3.6	-1.9
81	-0.1	0.2	0.4	-0.9	0.6	0.6	1.3	-0.5	-1.1	-0.9	-1.3	-1.4	1.1	0.0	1.1	-3.2	2.2
82	-1.9	1.5	-1.1	-1.3	-0.9	-0.6	-0.4	-0.5	-0.7	-0.7	0.1	-0.2	-2.6	-2.2	-1.7	-1.4	-7.1
83	2.0	0.7	0.9	1.3	1.2	0.8	1.9	1.6	1.9	0.6	0.3	0.7	2.8	3.3	4.6	2.9	5.9
84	2.5	0.7	0.5	0.5	0.4	0.7	0.7	0.2	-0.5	-0.2	0.5	-0.0	3.8	1.6	1.3	-0.2	11.2
85	-0.2	0.4	0.3	-0.2	0.5	-0.1	-0.1	0.6	0.2	-0.5	0.9	0.5	0.3	0.4	0.5	0.5	1.9
86	0.8	-0.7	-1.3	0.7	-0.3	-0.2	0.6	0.1	-0.3	0.6	0.3	0.8	0.5	-0.7	0.3	0.9	1.1

* CHANGE IS THE PERCENT CHANGE FROM THE PRECEEDING LINE PERIOD.

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Table 4A

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
METAL MINING	10	.50	76.1	73.0	74.4	80.6	78.1	78.1	77.5	64.3	74.6	75.6	77.7	80.5	79.3
Iron ore	101	.15	87.7	73.0	74.0	93.5	90.0	93.3	100.0	58.6	97.2	94.7	97.3	100.9	70.7
Nonferrous ores	102-6,8,9	.35	71.2	70.5	72.9	74.2	71.2	71.2	72.9	67.1	65.5	67.0	71.2	72.4	77.6
Copper ore	102	.15	79.4	76.7	79.8	82.7	79.6	79.9	77.8	80.6	77.5	74.1	78.1	78.6	87.4
Lead and zinc ores	103	.05	66.0	60.3	67.9	69.1	71.5	70.2	69.6	66.4	62.8	59.0	66.3	64.0	65.7
Gold and silver ores	104	.02	167.3	152.9	161.5	167.3	148.5	154.8	160.9	158.9	165.1	180.3	180.9	188.8	194.0
Ferroalloy ores	106	.04	91.6	105.3	102.7	106.8	95.8	95.5	114.0	55.8	55.8	81.8	91.9	96.6	88.2
ANTHRACITE	11	.02	66.6	63.1	69.6	71.4	59.1	69.3	92.9	64.3	60.2	63.0	61.4	61.3	65.1
BITUMINOUS	12	1.58	127.6	121.4	124.2	130.9	130.2	128.5	133.6	126.1	125.4	128.3	125.4	127.4	130.2
OIL AND GAS EXTRACTION	13	7.07	105.9	108.6	108.1	106.8	106.6	106.9	106.5	105.8	105.4	105.3	103.9	102.8	104.1
Crude oil & natural gas	131	5.62	99.6	100.3	100.7	99.5	98.9	99.7	99.6	98.8	98.9	99.2	99.2	99.2	100.9
Crude oil, total		3.46	108.1	107.8	107.0	107.8	107.4	108.9	108.9	108.0	108.4	107.7	108.3	108.4	108.6
Texas crude		1.34	77.7	77.4	75.9	77.9	77.9	78.6	77.7	77.8	78.4	76.9	78.0	78.0	78.1
Alaska, Calif. crude		.57	207.7	204.0	204.8	205.7	202.7	205.3	210.0	206.6	209.7	209.0	211.3	210.8	212.5
La. and other crude		1.54	97.4	98.4	97.6	97.3	97.5	99.3	98.4	97.6	96.8	96.8	96.3	96.8	96.4
Natural gas		2.16	86.1	88.4	90.8	86.4	85.4	84.9	84.8	84.0	83.7	85.6	84.6	84.5	88.6
Natural gas liquids	132	.47	98.9	98.5	97.4	98.9	99.5	101.8	100.5	97.3	98.0	97.3	97.8	99.5	100.2
Propane		.05	102.6	103.2	102.0	104.3	103.0	95.2	102.7	102.5	103.6	101.5	103.7	103.1	105.9
Liquefied petroleum		.42	98.4	97.9	96.9	98.3	99.1	102.6	100.2	96.8	97.4	96.8	97.1	99.1	99.5
Oil & gas well drilling	138	.99	145.0	158.9	154.6	147.8	145.6	147.7	146.7	149.1	148.0	145.9	138.5	132.6	127.3
FOODS	20	7.96	130.5	126.7	128.7	129.1	129.7	130.5	130.7	130.8	131.9	132.9	130.3	131.6	132.5
Meat products	201	1.06	119.5	117.8	118.3	118.3	119.9	120.8	118.4	121.0	120.3	120.2	117.6	121.8	119.7
Beef		.43	95.3	93.1	94.3	94.8	97.3	96.2	94.5	96.0	95.6	95.6	91.1	104.5	91.2
Pork		.25	112.8	112.1	113.5	112.0	112.5	116.3	113.5	114.5	116.4	114.7	110.3	109.6	109.3
Poultry		.20	142.2	140.8	138.9	140.9	142.9	140.9	139.5	145.0	141.9	142.7	144.6	139.2	149.6
Misc. meats		.18	161.9	159.9	160.3	159.1	159.2	164.3	159.6	163.7	161.1	162.4	162.1	161.7	169.8
Dairy products	202	.80	127.8	119.8	120.7	121.0	124.1	125.4	127.6	130.8	133.8	133.5	133.4	132.6	132.3
Butter	2021	.01	115.8	104.1	108.5	108.7	107.7	109.3	117.4	122.3	124.9	128.5	125.0	121.2	122.7
Cheese	2022	.13	149.1	143.0	140.7	140.1	143.7	146.3	147.7	152.5	156.6	155.4	156.3	154.2	154.7
Concentrated milk	2023	.11	139.6	116.8	123.7	125.1	132.4	131.7	139.6	148.4	160.1	153.4	153.2	152.4	146.8
Frozen desserts	2024	.09	137.9	135.0	130.7	133.9	137.5	138.1	138.7	141.1	139.0	139.3	140.1	137.6	142.8
Canned and frozen food	203	1.09	146.9	142.7	147.5	146.5	145.8	145.1	151.2	145.3	147.0	149.6	147.1	146.8	147.2
Grain mill products	204	.94	130.4	127.4	129.2	129.0	130.6	130.5	131.6	131.5	131.0	131.6	130.8	129.9	130.8
Flour	2041	.12	113.3	105.4	111.5	116.1	108.5	109.0	114.3	107.2	112.9	115.9	115.9	127.3	114.0
Bakery products	205	1.00	127.9	125.8	124.5	126.3	129.2	128.5	127.3	125.5	128.7	129.7	127.9	130.6	130.8
Beverages	208	1.41	127.9	126.6	126.4	127.5	127.8	128.2	127.4	127.3	128.8	131.7	126.2	128.0	129.2
Beer and ale	2082,3	.38	113.2	114.2	112.6	116.8	114.6	113.3	115.5	111.5	113.5	111.7	106.1	112.5	116.0
Wine and brandy	2084	.07	164.4	143.2	159.1	155.4	152.2	156.8	170.7	174.3	174.5	173.3	174.4	165.3	168.4
Soft drinks	2086,7	.79	139.1	138.5	135.6	136.9	139.1	140.2	137.3	136.3	136.8	144.0	141.2	140.6	142.0
Liquors	2085	.16	92.8	90.8	99.8	95.1	93.3	92.7	88.7	99.9	105.7	100.9	79.9	87.5	81.5
Fats and oils	207	.27	121.0	118.7	122.3	116.2	122.3	123.2	120.1	123.2	120.7	123.6	122.2	119.6	119.5
Coffee & misc. foods	209	.79	141.9	133.9	139.1	142.3	140.0	141.8	142.1	145.8	143.3	141.2	141.9	143.7	147.5
TOBACCO PRODUCTS	21	.62	100.3	100.7	102.9	101.3	98.6	97.5	100.7	99.4	97.9	99.1	101.8	102.7	99.5
Cigarettes	211	.54	100.6	94.3	104.7	103.8	98.4	96.1	101.0	100.1	99.8	100.1	104.3	102.7	100.9
Cigars	212	.02	74.8	79.3	77.7	78.3	75.0	76.2	77.5	84.7	76.4	70.5	68.7	66.3	67.4
TEXTILE MILL PRODUCTS	22	2.29	102.2	96.1	98.0	98.6	99.3	100.2	101.7	102.9	102.7	105.2	106.1	108.6	106.5
Fabrics	221-4	.77	95.0	91.0	91.4	90.9	92.2	93.1	94.0	95.8	95.5	96.8	99.6	102.0	97.9
Cotton fabrics	221	.28	101.6	96.7	97.2	97.1	98.3	99.9	101.6	103.5	104.0	104.3	106.6	108.5	102.4
Synthetic fabrics	222	.40	91.7	87.7	88.4	87.5	88.9	89.4	90.2	92.3	91.2	93.2	96.6	99.6	96.1
Knit goods	225	.55	100.6	96.7	97.8	98.9	97.6	98.8	101.0	98.9	100.9	103.9	103.2	105.3	103.7
Hosiery	2251,2	.12	143.3	138.7	141.6	147.7	137.3	138.2	149.7	132.2	145.0	147.7	150.1	151.8	142.0
Knit garments	2253,4,7-9	.43	88.4	84.7	85.3	84.9	86.2	87.5	87.0	89.3	88.3	91.4	89.8	92.0	92.8
Fabric finishing	226	.20	86.7	82.7	78.0	81.5	83.1	79.4	82.4	84.8	87.0	89.1	95.4	99.9	97.2
Carpeting	227	.22	139.8	118.4	131.5	138.4	138.6	135.8	142.9	145.6	144.0	142.8	143.4	145.7	146.9
Yarns & misc. text.	228,9	.55	104.5	101.3	105.5	100.9	98.4	103.4	103.0	103.9	104.9	108.2	105.6	110.2	109.5
APPAREL PRODUCTS	23	2.79	100.4	100.3	100.5	99.7	98.7	99.1	98.6	99.5	100.1	101.8	101.6	102.7	102.6
LUMBER AND PRODUCTS	24	2.30	114.3	109.7	108.7	110.9	111.5	113.5	115.0	115.1	116.6	117.5	117.8	116.8	117.5
Logging and lumber	241,2	1.05	103.9	98.7	96.1	100.2	101.1	102.4	105.0	104.9	107.9	108.0	107.3	107.1	106.5
Lumber products	243-5,9	1.25	123.0	118.7	118.0	119.8	120.5	122.2	123.6	125.0	124.8	126.1	126.5	125.3	124.4
Millwork & plywood	243	.67	139.8	135.8	131.8	133.3	134.8	138.3	140.4	143.4	142.8	144.6	145.6	143.7	141.7
Manufactured homes	245	.25	101.1	95.3	99.4	105.1	101.8	102.9	101.4	100.6	102.0	100.3	101.8	101.0	98.6
FURNITURE AND FIXTURES	25	1.27	138.0	132.0	137.8	136.3	136.9	137.6	138.2	141.2	138.3	139.8	137.5	140.7	139.4
Household furniture	251	.74	114.0	107.5	113.2	111.5	113.5	112.0	113.8	116.0	114.0	116.0	115.4	118.8	115.5
Fixt., office furn.	252,4,9	.47	177.2	173.8	179.2	176.8	176.2	179.6	175.5	179.4	177.1	178.1	173.8	179.0	177.3
PAPER AND PRODUCTS	26	3.15	127.6	127.5	127.0	127.8	125.6	125.7	126.8	129.0	126.9	128.1	127.4	128.4	131.6
Pulp and paper	261-3	1.33	119.7	119.9	120.6	121.3	115.2	117.9	118.5	119.7	117.4	121.6	117.2	119.8	127.8
Wood pulp	261	.44	115.4	116.0	117.1	117.0	112.2	113.3	113.2	118.9	113.5	115.7	114.7	115.9	117.5
Paper	262	.44	124.9	123.9	126.2	126.9	123.1	123.1	124.9	124.6	119.3	129.5	116.9	123.7	137.4
Paperboard	263	.44	118.8	119.7	118.5	119.9	110.4	117.2	117.4	115.7	119.5	119.7	120.1	119.9	128.5
Converted paper prod.	264	1.03	146.9	143.9	145.8	146.5	144.9	144.2	146.7	148.1	145.4	148.0	147.2	149.0	154.6
Paperboard containers	265	.75	117.1	118.0	114.5	114.3	116.8	115.8	116.6	117.5	117.7	118.0	119.0	117.9	118.9

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4A

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
METAL MINING	10	.50	74.2	80.3	79.9	78.2	77.4	73.2	67.0	71.1	72.4	73.8	70.9	71.1	76.2
Iron ore	101	.15	70.8	84.1	83.8	77.2	79.9	78.1	59.9	62.7	61.2	67.8	64.0	61.4	70.2
Nonferrous ores	102-6,8,9	.35	75.6	76.6	77.2	75.5	75.5	71.5	75.3	78.9	79.1	75.6	75.4	73.7	73.7
Copper ore	102	.15	83.4	83.0	81.6	80.8	81.2	81.4	82.7	85.3	88.6	86.5	84.7	82.7	83.2
Lead and zinc ores	103	.05	56.8	71.1	67.4	65.2	61.7	46.7	52.2	57.7	51.1	52.0	51.9	48.5	52.5
Gold and silver ores	104	.02	219.6	215.6	229.9	212.7	216.9	216.7	215.9	212.9	232.0	214.8	216.6	235.5	218.5
Ferroalloy ores	106	.04	78.9	84.1	89.5	85.2	70.7	76.3	84.5	95.1	84.3	68.9	75.2	68.9	67.0
ANTHRACITE	11	.02	65.9	68.6	70.8	66.8	71.5	63.3	62.3	55.5	60.3	62.2	71.4	74.9	65.3
BITUMINOUS	12	1.58	128.4	139.8	134.8	130.7	127.8	126.0	126.2	123.8	126.6	124.6	121.9	133.5	125.7
OIL AND GAS EXTRACTION	13	7.07	93.9	104.7	101.9	100.0	96.1	94.8	91.7	91.2	89.5	88.5	89.2	89.6	89.8
Crude oil & natural gas	131	5.62	96.9	101.1	100.5	100.0	97.5	98.1	96.0	96.1	94.6	93.5	94.4	95.4	95.1
Crude oil, total		3.46	105.0	110.0	109.9	108.6	107.4	107.2	104.2	104.7	102.2	101.2	102.0	101.0	101.4
Texas crude		1.34	73.7	78.8	77.6	76.8	75.5	74.6	73.5	73.1	72.1	71.2	70.7	70.2	70.4
Alaska,Calif.crude		.57	210.2	213.5	215.7	212.2	212.3	216.1	210.9	210.6	205.2	201.3	211.4	206.2	207.6
La. and other crude		1.54	93.0	98.6	98.6	97.7	96.2	95.0	91.3	92.7	90.1	90.0	88.6	88.7	88.8
Natural gas		2.16	83.9	86.9	85.4	86.3	81.6	83.5	82.8	82.4	82.4	81.3	82.1	86.5	85.1
Natural gas liquids	132	.47	96.2	103.6	102.8	99.9	97.7	99.2	96.9	96.3	92.9	91.4	91.5	91.5	91.3
Propane		.05	98.9	106.2	104.2	102.2	98.7	99.4	97.9	96.7	94.4	96.3	95.4	96.6	97.7
Liquefied petroleum		.42	95.9	103.3	102.6	99.6	97.6	99.2	96.7	96.3	92.7	90.9	91.1	91.0	90.6
Oil & gas well drilling	138	.99	76.2	126.2	109.7	92.6	75.5	66.4	59.8	57.5	60.0	61.2	64.7	66.8	67.3
FOODS	20	7.96	134.4	132.9	133.7	133.1	134.4	134.4	134.8	134.5	135.3	134.4	133.7	135.3	136.7
Meat products	201	1.06	120.4	121.5	122.3	120.1	126.8	121.0	121.8	121.3	118.3	118.7	116.2	117.7	120.4
Beef		.43	96.7	96.5	94.6	94.6	106.1	98.8	98.8	99.9	97.5	94.6	92.8	93.4	93.3
Pork		.25	107.2	110.9	113.1	109.0	112.8	107.9	105.4	106.4	103.9	104.3	103.7	103.2	105.7
Poultry		.20	150.6	147.4	152.6	147.0	150.8	147.1	151.3	147.2	143.8	157.8	144.9	154.5	164.2
Misc. meats		.18	162.8	168.2	168.2	167.2	169.7	163.9	167.2	165.5	160.8	153.1	158.2	155.5	157.3
Dairy products	202	.80	130.4	133.7	133.9	133.5	132.8	132.0	130.4	129.2	129.4	127.5	126.3	126.2	128.0
Butter	2021	.01	111.0	119.7	120.6	122.0	118.7	114.5	108.5	105.0	103.3	103.6	97.2	104.9	102.5
Cheese	2022	.13	155.6	155.8	157.9	157.8	156.5	155.5	153.9	155.8	156.6	159.6	154.8	148.7	155.0
Concentrated milk	2023	.11	137.4	152.1	152.4	149.6	145.6	141.9	137.1	130.3	130.6	127.6	118.6	123.1	131.6
Frozen desserts	2024	.09	145.4	144.4	145.3	143.8	146.9	149.0	145.4	143.9	148.9	136.2	146.8	148.7	146.0
Canned and frozen food	203	1.09	152.4	150.1	147.0	148.3	150.2	152.8	148.2	151.9	155.1	153.0	151.3	155.8	165.0
Grain mill products	204	.94	133.2	130.3	131.7	130.5	131.9	133.1	135.2	133.4	134.5	130.0	133.7	137.6	137.6
Flour	2041	.12	126.1	117.9	122.5	115.6	118.8	121.0	122.6	125.6	134.0	128.0	130.5	145.4	130.9
Bakery products	205	1.00	133.0	137.0	132.7	131.3	132.1	130.5	132.6	132.4	133.9	132.5	138.2	130.1	132.5
Beverages	208	1.41	131.7	125.8	131.6	130.4	131.1	132.8	136.7	133.8	134.2	128.2	128.1	136.1	131.4
Beer and ale	2082,3	.38	115.2	116.0	118.4	114.9	114.6	114.6	114.9	110.1	114.1	112.6	115.9	121.4	118.1
Wine and brandy	2084	.07	191.7	169.6	177.1	177.4	194.7	207.5	200.3	209.3	234.0	161.8	176.8	198.8	186.3
Soft drinks	2086,7	.79	143.7	135.0	143.4	143.7	143.4	144.6	151.6	146.5	145.5	142.2	139.0	148.5	139.8
Liquors	2085	.16	85.9	85.2	86.2	82.3	82.1	86.1	88.0	94.5	82.3	82.9	83.3	83.4	97.5
Fats and oils	207	.27	121.2	121.5	118.0	119.5	123.9	116.4	122.0	124.6	121.9	121.7	122.4	122.3	119.8
Coffee & misc.foods	209	.79	149.6	149.1	149.1	148.3	145.7	146.3	146.3	146.1	155.1	151.8	152.4	152.7	151.5
TOBACCO PRODUCTS	21	.62	97.1	95.2	98.3	95.7	100.0	100.1	98.3	99.3	97.7	93.0	98.2	96.4	93.4
Cigarettes	211	.54	97.8	91.4	100.2	92.6	106.4	104.0	98.3	100.2	99.3	90.8	99.2	97.4	94.0
Cigars	212	.02	72.1	65.0	65.6	65.0	72.9	84.5	70.3	72.6	69.3	72.7	75.1	79.1	73.8
TEXTILE MILL PRODUCTS	22	2.29	109.2	106.4	107.9	105.3	108.6	108.2	108.8	108.6	110.7	110.6	110.2	112.2	113.4
Fabrics	221-4	.77	100.6	99.3	100.3	98.8	99.9	98.9	99.5	99.1	101.8	102.4	100.8	103.5	104.0
Cotton fabrics	221	.28	112.5	107.4	108.3	108.3	110.0	109.1	111.1	109.9	115.0	116.5	115.1	118.6	121.4
Synthetic fabrics	222	.40	94.2	95.0	95.2	93.0	94.5	93.6	93.0	93.9	95.2	95.1	92.5	95.3	94.4
Knit goods	225	.55	105.6	103.4	105.2	101.2	109.2	106.2	105.9	101.5	109.0	104.2	108.2	106.1	107.4
Hosiery	2251,2	.12	151.8	147.9	147.0	141.6	164.4	148.2	147.1	130.8	165.1	151.4	160.4	170.1	151.6
Knit garments	2253,4,7-9	.43	92.3	90.7	93.2	89.6	93.4	94.2	94.2	93.1	93.0	90.6	93.2	87.8	94.7
Fabric finishing	226	.20	91.1	97.2	97.7	94.2	93.8	94.1	90.3	97.9	85.9	88.1	85.1	85.7	85.0
Carpeting	227	.22	151.5	153.2	147.9	142.5	142.8	143.8	147.0	151.1	156.0	153.4	156.1	164.8	163.2
Yarns & misc. text.	228,9	.55	114.6	109.5	112.7	109.7	109.2	112.4	115.7	115.0	118.9	117.8	114.9	117.2	123.9
APPAREL PRODUCTS	23	2.79	103.1	103.4	102.2	102.0	102.4	102.5	102.7	103.5	103.2	102.6	103.9	103.8	104.9
LUMBER AND PRODUCTS	24	2.30	124.1	122.0	121.2	121.1	123.2	123.1	121.5	122.5	123.6	123.8	124.6	130.3	133.5
Logging and lumber	241,2	1.05	115.1	110.8	111.7	111.2	111.8	114.8	111.3	111.0	116.1	116.6	115.2	126.9	127.7
Lumber products	243-5,9	1.25	131.6	131.5	127.8	128.3	133.7	130.1	130.7	133.6	131.7	130.8	132.9	133.6	136.0
Millwork & plywood	243	.67	158.8	154.4	149.8	151.6	160.6	156.2	158.0	162.7	158.8	160.8	162.1	163.1	167.1
Manufactured homes	245	.25	88.3	98.0	95.8	91.0	90.5	87.4	83.8	85.4	84.4	84.8	86.1	88.2	88.8
FURNITURE AND FIXTURES	25	1.27	143.8	140.4	140.9	141.5	143.2	143.1	144.1	145.5	144.4	143.5	145.4	145.6	148.8
Household furniture	251	.74	118.9	118.3	118.8	117.0	118.2	119.4	118.1	120.3	118.5	117.6	120.3	118.4	122.3
Fixt.,office furn.	252,4,9	.47	185.1	179.4	178.3	182.2	186.6	183.5	187.3	183.1	185.1	184.3	187.2	189.7	195.5
PAPER AND PRODUCTS	26	3.15	136.5	133.7	132.8	132.9	134.2	133.5	137.5	138.5	139.1	136.5	138.8	139.6	141.1
Pulp and paper	261-3	1.33	126.4	124.1	122.4	123.1	124.5	124.2	127.6	127.4	129.0	125.1	126.6	129.1	135.7
Wood pulp	261	.44	122.3	122.3	117.9	117.2	121.5	119.9	123.1	125.1	123.2	121.6	121.7	122.7	132.4
Paper	262	.44	130.2	125.9	126.4	128.7	128.0	127.9	132.3	129.5	134.6	131.2	130.3	134.0	134.5
Paperboard	263	.44	126.8	124.0	123.0	123.4	123.9	124.8	127.4	127.5	129.2	122.7	127.8	130.4	140.4
Converted paper prod.	264	1.03	159.0	153.6	153.5	153.8	152.6	154.7	160.9	158.0	163.5	164.2	163.7	163.8	167.4
Paperboard containers	265	.75	125.7	125.1	123.5	118.3	130.5	123.3	125.9	127.3	126.1	125.7	127.0	127.8	128.4

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4A—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PRINTING & PUBLISHING	27	4.54	151.4	147.1	147.2	149.5	150.1	152.5	151.2	149.3	152.1	152.7	152.7	154.9	156.0
Newspapers	271	1.35	133.5	131.1	131.6	134.3	130.8	133.9	133.9	132.3	135.0	134.8	133.8	134.8	135.3
Period.,books,cards	272,3,7	1.24	151.2	147.7	145.4	150.9	151.2	152.3	149.8	150.1	151.2	152.0	153.2	154.4	156.3
Job printing	274-6,8,9	1.95	163.8	155.6	160.5	160.3	163.4	164.3	163.9	161.1	165.3	166.3	164.8	168.4	170.0
CHEMICALS & PRODUCTS	28	8.05	126.4	125.2	124.7	125.0	125.5	127.7	126.3	126.0	126.2	128.4	126.6	127.6	128.0
Chemicals & syn. mat.	281,2,6	3.86	118.6	117.8	117.2	117.1	118.2	118.0	117.3	119.0	118.6	120.2	119.8	119.2	120.2
Basic chemicals	281	.92	100.0	101.3	99.2	99.6	102.2	103.1	101.5	102.1	99.2	98.8	100.0	98.2	94.8
Alkalies & chlorine	2812	.12	97.1	98.1	98.8	99.0	101.1	98.8	98.1	98.3	94.9	94.6	95.8	92.8	95.6
Industrial Gases	2813	.10	127.0	120.9	123.0	125.9	125.9	125.1	126.7	128.2	129.7	130.4	134.2	131.3	122.0
Inorganic pigments	2816	.08	96.2	94.7	91.1	90.2	93.7	96.1	97.5	99.2	97.4	96.2	97.4	98.8	102.5
Inorganic chem, nec	2819	.62	96.5	99.4	96.3	96.5	99.5	101.1	98.4	98.8	95.1	94.6	95.4	93.6	89.0
Acids & other chem.		.40	95.4	99.3	94.6	94.0	95.8	97.9	97.4	99.1	94.8	94.5	96.7	94.0	86.9
Synthetic materials	282	1.11	149.4	143.9	146.0	145.3	146.9	147.0	147.1	150.1	151.1	155.7	152.3	151.2	155.9
Plastics materials	2821	.59	197.4	186.9	190.2	190.3	192.4	193.2	196.0	199.7	200.6	206.0	204.1	200.6	209.6
Synthetic rubber	2822	.08	96.8	103.5	106.3	103.2	97.4	92.4	88.9	95.6	98.0	99.5	92.4	94.7	90.1
Synthetic fibers	2823,4	.44	95.3	94.3	94.8	93.4	95.7	95.7	92.9	94.2	95.3	99.3	94.7	96.0	96.7
Indust. organic chem.	286	1.83	109.2	110.3	108.8	108.8	108.7	107.9	107.2	108.5	108.7	109.3	110.0	110.2	111.3
Chemical products	283-5,9	3.65	139.3	135.2	136.5	137.9	138.5	141.7	139.4	137.8	139.0	142.4	138.9	142.3	140.8
Drugs & medicines	283	1.41	126.4	125.5	123.8	125.6	124.6	129.8	126.7	126.1	125.2	131.1	125.0	127.8	124.1
Soap & toiletries	284	1.34	168.1	160.4	165.8	165.6	166.6	169.6	166.2	164.3	169.0	171.4	169.0	173.9	175.2
Paints	285	.40	98.6	91.6	91.0	98.8	100.5	100.6	101.4	98.3	98.7	99.6	99.3	101.2	98.6
Agricultural chemicals	287	.54	96.1	102.4	99.6	99.7	98.8	99.6	98.9	95.1	94.5	94.6	94.6	90.2	84.8
PETROLEUM PRODUCTS	29	2.40	86.9	85.0	85.5	84.9	86.5	86.7	86.6	87.7	88.4	85.1	88.7	88.3	89.5
Petroleum refining	291,9	2.21	85.7	81.3	82.6	83.1	85.6	85.7	86.0	87.0	87.6	84.1	87.9	87.7	88.6
Automotive gasoline		.96	91.0	84.7	86.9	89.3	92.7	92.4	92.8	93.7	94.9	88.5	92.7	91.2	92.5
Distillate fuel oil		.43	81.6	79.3	78.3	73.3	79.4	81.9	80.3	80.6	78.8	78.7	87.3	89.1	90.1
Residual fuel oil		.15	49.7	51.9	55.1	55.4	49.4	45.8	43.0	43.4	45.4	47.9	53.9	49.9	52.9
Aviation fuel & keros.		.18	109.4	100.9	107.1	108.3	109.1	106.9	105.0	108.4	108.9	111.0	114.0	118.0	114.8
Misc. petroleum prod.		.48	81.3	78.3	77.3	79.0	79.7	80.8	84.1	85.4	86.6	81.7	80.0	80.4	81.0
Refinery fuel, nec		.09	109.5	95.8	98.0	103.9	110.9	106.5	113.8	116.9	113.4	107.5	113.5	114.4	118.4
Refinery nonfuel mat.		.26	66.2	64.0	64.8	62.6	62.1	63.6	68.5	70.2	73.7	69.1	62.6	65.2	67.6
Refinery products, nec		.13	92.0	94.4	87.9	94.6	93.2	97.0	94.8	94.2	93.9	88.9	91.7	87.2	82.2
RUBBER & PLASTICS PROD.	30	2.80	146.1	145.0	145.6	144.7	145.7	144.7	144.1	145.4	147.0	148.5	147.1	148.2	147.3
Tires	301	.62	109.4	113.9	112.6	111.9	111.5	107.9	106.5	100.0	109.8	117.3	108.6	106.7	103.0
Rub.prod.ex.tires	302-4,6	.51	117.7	115.3	122.4	117.4	117.1	117.6	116.9	117.0	119.5	116.3	117.6	118.6	116.8
Plastics products, nec	307	1.67	168.4	165.8	166.3	165.9	166.4	167.0	166.8	169.1	168.9	170.3	170.2	171.9	172.6
LEATHER AND PRODUCTS	31	.53	68.4	68.7	67.0	68.2	68.2	69.8	69.1	68.9	70.2	69.4	68.1	67.0	66.0
Pers. leather gds	313,5-7,9	.16	78.1	79.3	77.1	78.1	77.7	77.9	75.9	78.1	79.2	79.2	79.3	78.3	77.2
Shoes	314	.29	63.7	63.2	61.8	62.9	63.5	65.7	65.9	64.4	66.1	65.2	63.0	61.4	60.7
CLAY,GLASS & STONE PROD.	32	2.72	114.5	111.3	111.1	111.4	114.4	114.6	115.2	115.3	115.2	115.5	115.1	116.4	117.8
Pressed & blown glass	322	.51	103.0	105.5	97.5	95.7	104.0	103.9	102.0	104.8	104.0	105.3	104.0	105.1	104.9
Glass containers	3221	.30	90.2	93.6	79.4	76.9	91.7	92.4	89.5	92.9	91.8	94.2	93.0	94.9	93.5
Cement	324	.24	101.7	103.0	98.8	107.5	105.2	104.8	101.9	102.6	100.7	102.9	100.8	92.7	98.4
Structural clay prod.	325	.15	113.7	98.7	103.2	107.7	106.5	110.0	116.0	114.6	119.9	119.1	124.5	121.5	119.7
Brick	3251	.07	90.1	88.7	86.0	84.6	87.8	91.2	88.0	96.6	94.0	89.0	92.8	91.4	90.5
Clay sewer pipe	3259	.02	44.2	35.1	37.8	45.8	48.9	54.5	51.3	48.7	45.4	43.0	41.8	36.7	36.2
Clay tile	3253,5	.07	156.3	126.0	138.4	147.8	141.0	144.1	161.7	150.6	166.4	170.2	179.0	174.8	171.8
Concrete and misc.	326-9	1.55	120.3	115.4	117.2	117.4	120.3	120.4	121.8	121.2	121.2	122.2	119.8	121.1	125.1
PRIMARY METALS	33	5.33	80.4	80.1	80.0	82.8	79.5	77.5	80.4	79.0	81.8	80.4	81.3	82.1	80.4
Iron and steel	331,2	3.49	70.4	68.9	68.4	74.7	69.6	66.8	70.8	68.6	72.1	70.4	71.9	72.6	70.5
Basic st. & mill prod.	331	2.60	73.4	70.4	69.5	77.9	72.0	70.7	74.2	71.7	75.5	74.6	75.7	75.9	73.4
Basic iron and steel		1.11	64.3	63.0	63.1	65.9	63.7	63.6	64.2	63.6	67.0	65.8	65.3	64.9	62.5
Pig iron		.42	61.6	60.3	60.2	63.1	60.2	59.2	60.8	59.8	62.5	63.1	63.6	64.1	63.3
Raw steel		.51	70.2	68.2	68.8	72.3	69.9	70.6	70.5	70.2	74.6	71.8	71.0	69.6	65.1
Steel mill products		1.49	80.1	75.8	74.2	86.8	78.1	76.0	81.7	77.8	81.7	81.2	83.4	84.1	81.6
Consumer dur. steel		.38	61.3	62.3	60.9	70.0	62.0	59.4	61.8	58.2	59.7	59.5	63.5	63.2	54.0
Equipment steel		.36	47.0	47.2	42.6	53.2	48.5	44.5	47.4	44.9	48.6	46.4	47.4	46.9	45.5
Construction steel		.19	76.9	72.9	68.4	84.6	70.9	72.7	77.7	72.8	78.9	82.8	82.4	81.6	78.7
Can & closure steel		.10	60.2	55.0	57.5	62.8	59.2	58.2	63.9	58.6	64.0	63.4	57.7	57.4	63.7
Misc. steel		.46	127.0	114.9	115.7	132.7	121.4	119.2	130.3	125.6	130.6	129.2	133.7	136.9	137.2
Iron & steel foundries	332	.89	61.5	60.9	62.8	64.9	64.9	61.5	63.5	61.1	61.5	60.0	59.4	58.3	58.1
Nonferrous metals	333-6,9	1.85	99.3	101.4	101.8	98.2	98.1	97.7	98.6	98.5	100.0	99.4	99.0	100.0	99.2
Primary nonf. metals	333	.51	90.7	94.8	94.2	93.0	93.6	92.4	90.2	90.6	92.5	89.1	88.0	83.9	86.9
Copper	3331	.13	92.1	94.7	91.2	87.8	96.2	93.1	82.5	93.3	97.8	85.7	92.9	94.4	96.1
Aluminum	3334	.28	84.9	93.9	90.6	87.7	86.3	85.5	85.2	85.0	84.4	83.5	81.5	78.5	77.1
Secondary nonf. mtls.	334	.11	71.8	72.7	71.9	71.7	70.1	69.5	69.9	74.5	70.5	73.1	73.5	73.2	70.9
Nonferrous products	335,6	1.12	105.6	106.3	107.6	102.1	104.1	102.6	105.7	103.8	106.6	105.7	106.3	108.3	109.8
Nonf. mill products	335	.84	96.5	99.7	102.0	93.5	96.6	94.6	95.6	94.8	96.5	96.4	97.0	96.6	94.9
Copper mill prod.	3351	.14	97.9	110.3	132.4	95.9	93.7	83.6	94.0	90.8	91.1	96.4	95.7	101.4	88.0
Alum. mill prod.	3353-5	.32	101.3	99.4	98.4	91.7	102.1	102.0	100.6	102.4	105.5	104.4	106.2	102.0	102.0
Construction		.09	108.2	106.8	108.1	101.6	119.7	114.8	97.5	102.4	109.4	104.6	113.7	111.6	107.6
Misc. alum. mats.		.23	98.6	96.6	94.7	87.8	95.2	97.1	101.8	102.4	104.0	104.3	103.3	98.2	99.8
Nonferrous foundries	336	.28	133.0	126.0	124.2	128.0	126.6	126.6	136.2	130.9	137.0	133.7	134.2	143.6	154.6

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4A—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PRINTING & PUBLISHING	27	4.54	160.9	158.0	155.5	155.9	159.1	160.0	161.5	161.4	161.7	161.7	164.4	164.8	166.4
Newspapers	271	1.35	139.6	140.1	136.1	136.4	138.9	139.2	140.1	141.3	142.7	141.5	141.0	139.4	139.0
Period.,books,cards	272,3,7	1.24	156.7	156.6	151.1	152.4	154.7	156.7	156.2	156.1	157.6	154.8	159.7	162.0	163.3
Job printing	274-6,8,9	1.95	178.4	171.1	171.0	173.1	176.6	175.5	179.4	179.1	178.1	178.9	185.0	183.4	187.4
CHEMICALS & PRODUCTS	28	8.05	132.0	130.7	130.4	128.8	131.0	132.2	132.1	132.8	132.6	132.2	133.3	132.3	135.7
Chemicals & syn. mat.	281,2,6	3.86	123.8	124.8	122.1	119.5	121.6	122.9	122.7	123.8	124.4	125.5	125.4	125.4	128.3
Basic chemicals	281	.92	98.9	102.1	100.7	96.5	97.7	101.7	97.3	96.7	96.8	102.3	97.3	97.7	100.4
Alkalies & chlorine	2812	.12	97.5	97.8	96.2	98.1	95.5	95.9	96.8	98.4	100.3	98.9	94.4	97.1	101.1
Industrial Gases	2813	.10	128.3	129.6	129.3	125.0	125.9	127.1	126.9	129.5	129.0	129.4	128.8	127.6	132.2
Inorganic pigments	2816	.08	99.6	104.1	99.7	96.3	99.5	108.4	88.6	102.1	100.4	96.4	100.4	97.9	104.1
Inorganic chem, nec	2819	.62	94.1	98.0	96.8	91.4	93.2	97.7	93.6	90.1	90.3	99.2	92.2	92.8	94.5
Acids & other chem.		.40	95.8	100.9	99.2	91.2	94.7	101.7	95.0	89.2	89.3	103.2	93.3	94.3	96.9
Synthetic materials	282	1.11	162.6	163.0	157.0	152.8	158.6	158.4	159.5	163.8	165.3	165.3	167.7	166.4	174.7
Plastics materials	2821	.59	220.0	221.0	207.9	201.8	213.3	213.0	217.1	221.3	225.7	224.0	228.8	229.4	240.1
Synthetic rubber	2822	.08	96.5	99.6	102.3	104.7	105.1	104.8	103.5	99.8	88.5	90.3	90.6	79.0	87.3
Synthetic fibers	2823,4	.44	98.5	97.6	99.4	96.7	95.9	95.9	93.3	99.4	99.3	101.3	101.0	98.8	104.1
Indust. organic chem.	286	1.83	112.7	112.9	111.6	110.8	111.1	112.0	113.0	113.0	113.5	113.0	113.7	114.5	114.0
Chemical products	283-5,9	3.65	147.5	145.4	145.4	143.1	148.9	148.2	148.7	149.4	148.7	146.4	149.1	147.0	148.7
Drugs & medicines	283	1.41	134.8	129.3	131.3	130.1	136.8	134.0	135.2	136.3	136.1	135.4	139.3	133.7	138.9
Soap & toiletries	284	1.34	182.9	180.6	179.8	178.3	184.0	186.4	187.4	186.9	183.6	180.9	181.8	182.3	182.6
Paints	285	.40	100.1	99.3	99.2	97.8	104.3	101.2	97.3	99.4	103.0	97.4	101.8	102.6	97.7
Agricultural chemicals	287	.54	85.7	83.5	89.2	89.5	89.2	89.6	85.0	81.2	79.8	84.2	85.4	84.3	86.6
PETROLEUM PRODUCTS	29	2.40	92.6	94.4	91.0	90.3	92.5	94.7	92.1	91.6	93.8	93.0	92.4	92.5	93.5
Petroleum refining	291,9	2.21	91.0	91.0	87.8	86.7	90.4	94.1	91.0	90.5	93.1	92.1	91.0	91.7	92.3
Automotive gasoline		.96	96.0	93.7	92.8	89.5	95.1	100.1	97.5	96.8	98.9	96.8	96.9	96.9	96.7
Distillate fuel oil		.43	85.2	88.5	80.7	86.7	89.3	87.3	83.2	82.8	89.4	86.0	82.0	83.5	83.3
Residual fuel oil		.15	50.6	48.7	45.6	46.9	51.6	53.9	51.8	54.0	54.8	51.1	48.8	52.6	49.3
Aviation fuel & keros.		.18	119.7	121.6	122.9	118.6	113.1	116.1	118.7	118.2	118.0	120.1	119.9	119.7	129.1
Misc. petroleum prod.		.48	88.3	90.1	84.6	82.3	86.0	92.8	87.1	86.0	87.7	90.9	89.9	91.0	91.9
Refinery fuel, nec		.09	122.4	127.8	121.3	118.3	120.5	122.4	121.1	119.8	125.6	124.8	123.7	122.5	121.7
Refinery nonfuel mat.		.26	73.3	77.7	68.4	66.2	69.6	76.0	69.7	68.9	71.0	76.8	77.5	78.8	82.8
Refinery products, nec		.13	95.0	89.0	91.7	89.6	95.1	105.8	98.4	96.6	95.1	95.9	91.5	93.9	89.8
RUBBER & PLASTICS PROD.	30	2.80	151.4	148.9	149.7	147.3	146.1	149.2	150.8	153.2	153.1	152.4	154.2	155.2	157.1
Tires	301	.62	106.4	104.9	106.0	104.4	102.1	101.5	102.1	108.2	106.9	105.5	110.3	114.0	111.4
Rub.prod.ex.tires	302-4,6	.51	120.7	119.0	123.5	119.4	107.0	120.3	120.8	122.6	123.7	124.4	122.8	120.6	124.7
Plastics products, nec	307	1.67	177.4	174.8	175.7	172.7	172.2	176.1	178.5	179.0	178.4	178.4	179.9	180.4	183.3
LEATHER AND PRODUCTS	31	.53	61.4	66.0	64.4	62.9	61.9	60.4	58.5	61.7	61.4	59.0	59.4	61.0	60.2
Pers. leather gds	313,5-7,9	.16	73.4	76.9	75.9	75.2	74.0	73.4	72.5	69.4	71.2	71.4	72.3	72.8	76.5
Shoes	314	.29	55.6	60.7	60.3	57.2	57.1	54.3	50.7	58.7	56.7	52.9	52.9	54.7	50.9
CLAY,GLASS & STONE PROD.	32	2.72	118.2	119.0	118.2	118.3	119.7	118.0	118.4	117.4	117.0	118.0	117.3	118.7	119.4
Pressed & blown glass	322	.51	107.5	107.1	108.5	106.1	108.6	107.9	109.7	105.5	107.2	107.4	107.2	108.0	105.8
Glass containers	3221	.30	95.1	96.0	95.5	96.2	96.9	95.4	96.7	95.4	94.1	95.3	93.7	94.1	91.2
Cement	324	.24	102.3	117.1	102.6	104.6	105.3	99.8	100.3	100.2	100.1	100.3	103.6	98.3	104.3
Structural clay prod.	325	.15	129.4	110.6	119.7	117.4	125.8	129.4	127.1	137.4	135.0	134.7	133.3	137.5	144.6
Brick	3251	.07	93.2	91.7	91.7	89.7	94.2	88.5	91.6	98.2	90.6	93.1	96.4	92.7	99.9
Clay sewer pipe	3259	.02	31.9	29.2	34.8	21.5	32.2	33.9	31.1	31.8	34.2	31.3	33.7	34.6	34.2
Clay tile	3253,5	.07	192.3	151.8	171.0	171.5	183.2	196.6	189.0	205.6	207.1	204.7	197.5	210.5	219.6
Concrete and misc.	326-9	1.55	122.6	123.8	121.8	124.0	124.7	122.7	122.7	121.5	121.3	124.3	118.7	121.4	125.1
PRIMARY METALS	33	5.33	75.1	80.7	78.8	76.3	76.5	75.1	72.5	73.6	72.6	72.8	73.1	75.5	73.4
Iron and steel	331,2	3.49	63.4	70.8	68.2	64.9	64.9	62.1	60.5	62.5	60.3	60.2	61.0	63.5	61.3
Basic st. & mill prod.	331	2.60	68.8	77.6	74.7	71.1	70.8	69.1	66.5	68.3	65.1	64.0	65.3	68.0	63.5
Basic iron and steel		1.11	57.8	67.6	64.5	62.4	61.7	59.4	57.5	55.3	51.6	51.7	53.3	53.2	52.9
Pig iron		.42	54.0	65.2	61.4	58.4	57.7	55.7	52.5	51.4	45.1	48.6	49.6	49.6	50.7
Raw steel		.51	64.3	74.1	70.8	68.6	68.8	65.6	64.0	63.4	59.9	57.6	59.4	59.0	57.4
Steel mill products		1.49	76.9	84.9	82.3	77.6	77.6	76.3	73.2	77.9	75.1	73.2	74.1	79.0	71.4
Consumer dur. steel		.38	57.2	61.1	64.5	60.8	60.9	59.2	54.9	55.5	52.7	51.0	53.0	57.8	52.5
Equipment steel		.36	40.2	50.8	44.1	43.4	40.3	39.7	38.6	39.9	39.2	36.1	36.2	36.8	36.8
Construction steel		.19	73.2	84.3	80.3	74.7	76.6	74.6	68.1	73.4	73.0	66.1	69.2	71.0	67.5
Can & closure steel		.10	59.4	54.7	58.4	62.3	66.9	62.1	58.5	64.3	62.4	59.3	55.2	56.4	50.5
Misc. steel		.46	126.9	137.8	132.6	122.5	123.0	122.6	120.3	130.8	125.0	126.0	127.1	137.3	119.8
Iron & steel foundries	332	.89	47.6	48.0	46.8	45.6	49.5	47.5	45.0	46.3	46.3	47.1	47.7	50.2	52.5
Nonferrous metals	333-6,9	1.85	97.2	99.3	98.7	97.6	98.6	99.4	95.1	94.6	95.7	96.6	96.0	98.1	96.4
Primary nonf. metals	333	.51	80.8	86.4	82.8	83.5	83.4	85.0	78.0	76.4	79.4	78.8	77.7	77.8	80.5
Copper	3331	.13	91.9	93.1	87.7	85.2	86.2	89.1	88.7	93.6	99.8	99.4	93.2	91.4	99.5
Aluminum	3334	.28	73.8	77.9	78.9	79.9	80.3	80.0	71.4	67.4	68.7	68.8	69.8	70.9	71.6
Secondary nonf. mtls.	334	.11	75.9	74.4	76.9	77.7	78.4	80.5	76.9	76.7	78.2	71.0	70.2	76.5	74.4
Nonferrous products	335,6	1.12	106.3	106.7	107.5	105.2	109.0	109.1	104.3	102.7	104.6	106.2	106.1	107.1	107.2
Nonf. mill products	335	.84	94.7	94.5	95.1	95.5	98.4	98.0	92.8	90.1	93.8	94.6	93.5	94.1	95.4
Copper mill prod.	3351	.14	90.0	80.5	84.4	90.4	94.5	97.3	89.7	84.4	93.3	96.0	89.1	88.3	89.8
Alum. mill prod.	3353-5	.32	103.7	104.3	104.6	104.7	110.6	107.5	101.6	99.4	100.7	101.9	101.4	102.5	104.9
Construction		.09	105.3	107.4	106.8	104.2	107.9	106.3	107.7	105.5	102.8	103.0	103.6	101.7	107.4
Misc. alum. mats.		.23	103.1	103.1	103.8	104.8	111.7	107.9	99.2	97.1	99.9	101.4	100.6	102.8	104.0
Nonferrous foundries	336	.28	141.4	143.5	144.7	134.3	140.8	142.6	139.0	140.8	136.9	141.3	144.0	146.4	142.9

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4A—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FABRICATED METAL PRODUCTS	34	6.46	107.1	106.2	106.3	106.9	108.6	107.5	106.4	106.4	107.5	106.7	107.6	107.5	108.1
Metal containers	341	.52	83.5	80.5	82.3	82.6	83.0	82.2	82.6	81.9	87.0	84.6	84.5	85.0	85.6
Hardware,tools,cutlery	342	.73	100.9	101.9	104.1	102.5	102.7	103.4	100.1	98.2	99.9	99.1	99.0	99.6	100.8
Structural metal prod.	344	1.67	108.0	105.2	104.2	107.0	107.7	108.5	108.6	108.6	108.8	108.8	109.1	109.1	109.4
Fasteners, stamp, etc.	345-7	1.95	109.8	108.6	109.6	109.6	113.3	110.5	107.0	109.4	111.3	109.2	110.5	110.3	108.8
NONELECTRICAL MACHINERY	35	9.54	146.2	144.4	145.6	146.3	148.7	149.6	144.8	146.2	145.8	145.7	143.6	146.7	147.8
Engine & farm equip.	351,2	1.48	61.8	64.2	62.7	62.8	63.3	62.4	61.6	61.1	60.9	60.2	60.4	61.0	61.1
Construct. & allied eq.	353	1.68	73.5	75.2	75.3	75.3	74.7	73.7	74.1	73.8	73.5	71.5	70.6	73.2	70.9
Metalworking machinery	354	1.24	126.8	123.9	127.7	123.4	124.8	126.7	124.8	130.4	128.6	128.6	122.7	128.8	131.3
Spec. & genl. ind. eq.	355,6	2.12	96.6	98.0	97.3	97.7	97.5	97.9	97.9	96.2	96.8	96.2	94.1	94.3	94.8
Office, serv, & misc.	357-9	3.02	271.2	265.7	269.1	271.4	279.5	279.1	267.1	268.4	269.0	269.8	262.5	275.9	278.0
ELECTRICAL MACHINERY	36	7.15	168.3	173.8	172.8	172.7	168.5	170.1	169.5	166.2	166.3	164.8	164.0	165.5	165.9
Major elect. eq.& pts	361,2	1.27	93.2	93.3	94.9	93.4	93.5	92.9	93.0	93.6	94.1	92.7	90.1	93.5	93.8
Household appliances	363	.75	119.6	119.9	115.3	131.1	118.9	121.4	125.1	116.4	119.0	115.5	115.6	121.4	117.8
Cooking equipment	3631	.11	197.0	214.0	193.2	273.5	213.2	213.3	209.8	166.5	183.8	165.3	162.1	196.5	173.0
Refrigeration appl.	3632	.17	94.2	82.5	81.1	89.0	84.6	95.4	107.4	101.4	105.8	98.3	95.6	98.0	98.5
Laundry appliances	3633	.12	127.7	123.4	125.7	127.6	120.8	122.9	131.0	128.8	125.8	127.2	132.8	133.4	134.3
Misc. appliances	3634-6,9	.35	104.4	106.6	103.3	107.2	104.7	104.2	104.7	103.5	102.5	104.0	104.4	104.7	103.9
TV and radio sets	365	.44	144.3	131.5	148.8	154.0	147.2	146.9	148.8	126.7	140.0	140.1	138.2	153.9	158.1
Communication equipment	366	2.01	216.5	215.0	215.7	217.2	216.6	217.6	218.6	216.7	217.2	215.6	215.6	217.9	213.3
Electronic components	367	1.31	257.4	288.9	281.6	277.1	263.1	263.4	260.9	250.1	246.0	242.3	238.9	238.2	239.4
TV tubes	3671-3	.13	117.6	117.5	122.6	125.2	111.2	127.3	122.0	103.0	111.0	120.9	110.8	121.7	120.9
Misc. electrical supp.	369	.70	121.7	121.7	127.1	126.0	120.1	119.3	122.7	119.3	120.1	119.5	120.9	118.6	124.3
Storage battery,repl.	3691	.13	123.5	108.5	149.4	125.1	115.0	115.6	125.1	117.5	123.7	123.1	122.7	117.3	137.9
TRANSPORTATION EQUIPMENT	37	9.13	122.8	117.5	117.4	120.1	119.5	121.4	122.3	123.4	126.9	126.0	126.0	127.3	125.8
Motor vehicles & parts	371	5.26	111.9	109.9	108.6	111.0	110.0	111.6	111.5	112.8	116.8	113.9	113.4	114.0	110.9
Autos, total		1.82	112.9	113.0	110.6	115.9	113.4	114.1	112.0	115.6	117.6	114.0	111.9	112.6	105.9
Consumer		1.16	98.9	99.4	97.2	101.2	99.4	99.8	97.9	101.4	102.8	99.7	98.0	98.9	93.1
Business		.66	137.6	137.2	134.3	141.8	138.3	139.5	137.0	140.7	143.7	139.3	136.5	137.0	128.6
Trucks and buses		1.03	126.7	118.2	121.1	120.6	119.2	124.8	125.9	124.7	140.6	132.2	133.1	134.5	128.8
Business vehicles		.41	111.9	100.8	107.3	108.5	114.3	113.8	112.4	109.1	117.2	112.8	114.9	115.5	116.8
Consumer trucks		.63	136.3	129.5	130.0	128.4	122.4	131.9	134.6	134.9	155.8	144.8	144.9	146.8	136.6
Truck trailers	3715	.09	142.3	132.8	145.8	142.7	142.7	144.1	142.5	139.7	142.2	143.2	141.2	143.9	143.9
Motor vehicle parts	3714	2.31	103.4	102.9	99.9	101.6	101.8	102.5	103.4	104.2	104.6	104.5	104.8	104.7	105.5
Aircraft and parts	372	2.09	144.2	132.5	131.6	136.8	137.2	139.9	143.8	145.0	149.0	150.7	152.8	155.0	155.1
Ships and boats	373	.66	84.1	83.7	84.7	86.1	85.3	84.4	84.4	81.8	81.8	82.3	84.0	83.9	86.9
Rail & misc trans eq.	374-6,9	1.11	156.7	147.8	149.0	150.8	151.2	154.2	155.8	156.7	160.3	162.1	159.4	165.0	166.5
Railroad equipment	374	.27	31.2	37.3	28.4	29.2	27.8	26.9	26.1	30.0	33.1	36.4	34.8	33.7	27.0
INSTRUMENTS	38	2.66	139.3	138.6	137.8	138.3	138.3	139.6	140.1	140.2	140.6	139.2	138.4	139.9	140.1
Equipment instr.& pts	381-4	1.52	157.7	156.0	155.2	156.1	155.8	158.2	158.0	157.4	157.7	156.8	158.0	160.9	162.0
MISC. MANUFACTURES	39	1.46	96.1	96.0	95.1	95.3	96.7	96.6	96.6	96.6	97.6	96.2	95.3	95.4	96.3
Misc. cons. goods	391,3,4,6	.84	92.6	94.4	92.2	92.3	92.7	92.4	91.6	92.1	93.8	91.3	92.9	91.4	94.3
Misc. bus. supplies	395,9	.62	101.0	97.8	98.5	96.8	100.6	100.9	102.7	102.6	103.6	102.9	101.5	101.3	101.8
ELECTRIC UTILITIES	491	4.17	119.7	119.8	122.5	119.5	118.3	119.9	118.4	117.8	117.4	120.5	119.4	120.3	122.5
Elec. util. generation		1.76	115.5	117.8	118.0	112.6	115.3	116.5	111.7	114.1	113.8	115.4	116.5	116.6	118.1
Fossil fuel generation		1.41	109.0	110.4	111.2	107.0	111.3	111.6	105.2	107.3	107.0	107.8	108.4	109.3	112.0
Hydro & nuclear gener.		.35	141.4	147.5	145.2	135.1	131.2	136.2	137.7	141.0	140.9	145.9	148.6	145.7	142.4
Elec. util. sales		2.41	122.8	121.2	125.9	124.5	120.4	122.4	123.3	120.6	120.0	124.2	121.5	123.0	125.8
Residential elec.		.95	123.7	123.1	131.4	124.5	120.1	121.9	122.6	120.0	118.9	123.4	122.8	124.8	128.7
Nonresidential elec.		1.46		120.0	122.3	124.5	120.7	122.8	123.7	120.9	120.6	124.8	120.7	121.8	
Industrial elec.		.68	107.1	106.4	107.5	110.0	106.6	107.3	108.8	106.8	106.5	108.4	104.4	105.7	106.3
Commercial & other elec.		.78	135.4	131.9	135.1	137.1	132.9	136.2	136.8	133.2	132.9	139.0	134.9	135.8	139.2

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4A—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FABRICATED METAL PRODUCTS	34	6.46	108.0	109.3	108.5	107.3	108.9	107.0	107.2	106.7	106.9	107.8	108.9	108.3	109.6
Metal containers	341	.52	88.2	87.5	86.4	82.8	90.6	87.8	88.7	87.6	87.6	89.5	90.0	89.0	90.8
Hardware,tools,cutlery	342	.73	101.9	100.4	98.6	99.6	101.3	100.8	103.4	103.0	104.1	103.9	104.5	100.1	102.8
Structural metal prod.	344	1.67	108.7	110.7	108.6	109.4	109.8	110.4	108.4	108.1	108.5	108.5	107.2	107.0	107.4
Fasteners, stamp, etc.	345-7	1.95	112.5	113.9	116.0	111.3	112.5	108.9	109.8	110.6	110.3	110.6	116.1	114.3	116.0
NONELECTRICAL MACHINERY	35	9.54	145.0	147.9	146.5	145.1	143.8	143.6	143.6	145.6	145.0	144.9	145.0	144.5	144.8
Engine & farm equip.	351,2	1.48	60.2	63.1	61.8	60.9	62.6	60.5	60.7	59.9	59.6	58.9	58.5	57.9	58.3
Construct. & allied eq.	353	1.68	69.9	70.5	70.1	68.5	66.9	69.9	71.2	69.3	71.0	70.5	70.2	69.4	70.8
Metalworking machinery	354	1.24	133.4	132.9	132.3	132.4	130.6	131.7	135.5	134.7	136.4	135.0	135.3	131.3	133.3
Spec. & genl. ind. eq.	355,6	2.12	96.4	94.0	95.7	95.3	96.6	96.4	95.9	97.2	96.4	96.5	98.0	96.4	97.6
Office, serv, & misc.	357-9	3.02	267.5	279.1	274.7	270.7	266.6	262.0	262.3	267.5	265.6	265.5	265.5	265.4	267.3
ELECTRICAL MACHINERY	36	7.15	165.7	165.4	163.4	162.6	164.5	165.0	161.9	166.6	166.6	166.5	167.3	167.9	170.4
Major elect. eq.& pts	361,2	1.27	94.8	95.7	96.1	95.7	96.8	97.7	96.9	96.5	94.5	91.9	91.4	91.3	93.5
Household appliances	363	.75	127.0	120.8	122.9	123.0	128.9	121.0	123.6	127.4	129.0	129.6	130.3	132.3	139.0
Cooking equipment	3631	.11	205.8	200.9	205.5	202.5	204.5	192.7	208.2	204.6	204.5	218.3	202.3	199.8	232.1
Refrigeration appl.	3632	.17	110.1	97.9	105.7	103.3	115.3	102.0	113.3	109.1	114.6	107.1	118.0	118.2	123.2
Laundry appliances	3633	.12	145.5	133.4	133.4	132.9	154.6	141.0	135.3	149.7	150.3	148.8	153.7	156.3	162.4
Misc. appliances	3634-6,9	.35	103.8	102.0	101.4	103.8	102.6	100.5	97.8	104.0	104.8	105.7	105.5	109.5	109.0
TV and radio sets	365	.44	151.1	153.1	146.6	144.9	152.3	148.7	142.3	149.8	153.2	152.1	147.6	160.2	168.7
Communication equipment	366	2.01	213.2	209.9	208.9	208.0	211.6	212.6	202.5	214.5	216.0	216.7	217.6	218.4	220.6
Electronic components	367	1.31	238.8	238.6	238.5	239.1	239.8	237.7	236.6	238.3	236.7	238.2	239.5	241.4	241.5
TV tubes	3671-3	.13	122.4	126.7	125.0	122.8	129.5	109.3	114.2	121.6	100.4	100.5	132.4	141.8	147.5
Misc. electrical supp.	369	.70	122.2	121.2	119.5	120.1	120.7	125.0	120.5	124.6	124.5	121.7	121.9	124.8	122.1
Storage battery,repl.	3691	.13	127.9	114.6	116.5	122.9	136.5	139.2	120.6	135.9	138.0	124.8	128.5	135.8	123.1
TRANSPORTATION EQUIPMENT	37	9.13	127.5	128.5	128.7	125.2	128.1	127.0	127.5	127.2	126.9	128.9	127.6	126.9	126.8
Motor vehicles & parts	371	5.26	111.5	114.1	115.1	109.0	113.0	110.7	112.1	111.4	109.6	113.0	110.3	109.1	109.7
Autos, total		1.82	111.0	114.7	118.3	106.7	113.8	109.8	113.7	108.2	103.0	113.0	111.9	107.7	109.2
Consumer		1.16	97.3	100.9	104.0	93.2	99.7	96.0	99.4	94.9	90.1	98.9	98.0	94.5	96.0
Business		.66	135.4	139.2	143.7	130.7	138.8	134.2	139.1	131.8	125.9	138.1	136.5	131.0	132.5
Trucks and buses		1.03	131.0	132.1	130.7	121.7	132.1	129.5	128.9	137.3	138.9	139.2	127.8	127.6	129.8
Business vehicles		.41	114.5	121.5	117.4	106.7	117.8	111.2	112.6	115.9	117.1	119.1	111.6	113.3	111.5
Consumer trucks		.63	141.8	138.9	139.4	131.5	141.4	141.5	139.6	151.2	153.1	152.2	138.3	136.9	141.7
Truck trailers	3715	.09	129.2	123.6	123.7	131.5	134.2	134.8	137.0	139.0	134.7	130.4	125.4	120.3	116.7
Motor vehicle parts	3714	2.31	102.3	105.2	105.3	104.3	103.0	102.0	102.3	101.3	100.7	100.6	100.6	101.5	100.8
Aircraft and parts	372	2.09	161.5	159.6	157.1	157.8	160.0	160.8	160.7	159.8	163.3	163.3	164.0	166.0	166.0
Ships and boats	373	.66	84.5	86.5	83.0	83.2	83.8	84.3	83.3	84.9	85.4	86.5	85.4	84.6	84.1
Rail & misc trans eq.	374-6,9	1.11	164.6	165.4	161.9	164.0	165.9	166.1	164.1	164.8	165.4	164.8	165.9	164.2	163.6
Railroad equipment	374	.27	22.9	22.3	14.3	22.8	33.0	32.0	23.1	19.9	20.4	23.5	28.5	18.9	14.3
INSTRUMENTS	38	2.66	139.8	140.9	141.3	141.1	141.7	139.0	137.9	138.7	139.7	138.7	139.1	139.3	140.2
Equipment instr.& pts	381-4	1.52	164.1	161.3	162.4	162.7	164.1	162.6	162.6	162.3	164.3	163.4	165.6	167.4	170.3
MISC. MANUFACTURES	39	1.46	100.1	99.8	100.5	99.1	99.6	101.8	98.8	99.0	98.9	99.3	100.0	100.9	103.8
Misc. cons. goods	391,3,4,6	.84	96.5	97.2	96.7	95.9	95.5	95.6	95.5	94.8	95.6	96.3	96.5	98.2	101.2
Misc. bus. supplies	395,9	.62	104.9	103.0	105.4	100.8	103.8	108.8	102.6	104.4	104.1	103.6	107.5	107.6	107.6
ELECTRIC UTILITIES	491	4.17	122.4	120.4	119.8	119.9	123.9	122.1	123.1	125.1	122.7	121.0	124.0	124.4	122.6
Elec. util. generation		1.76	116.2	113.4	114.4	113.6	115.2	116.5	117.3	120.7	115.5	117.7	117.4	116.8	115.8
Fossil fuel generation		1.41	107.8	107.5	107.2	106.0	107.3	109.5	110.2	113.7	106.0	107.9	105.9	106.6	105.4
Hydro & nuclear gener.		.35	149.6	137.3	143.1	144.0	146.5	144.7	145.9	148.8	153.7	157.3	163.3	157.7	157.7
Elec. util. sales		2.41	126.9	125.5	123.8	124.6	130.3	126.2	127.4	128.3	127.9	123.3	128.9	130.0	127.4
Residential elec.		.95	128.7	128.9	124.3	124.0	131.6	126.2	128.9	133.8	131.3	122.8	133.0	130.8	130.2
Nonresidential elec.		1.46	125.8	123.3	123.5	125.0	129.4	126.3	126.4	124.7	125.7	123.7	126.2	129.4	125.7
Industrial elec.		.68	105.8	105.0	105.3	107.4	110.1	105.9	104.8	103.7	104.7	103.4	105.5	107.9	105.3
Commercial & other elec.		.78	143.2	139.2	139.4	140.3	146.2	144.0	145.2	143.0	144.1	141.3	144.2	148.2	143.4

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 1B

INDUSTRIAL PRODUCTION: MARKET GROUPINGS

Not seasonally adjusted, 1977 = 100

Major Market Groupings	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL INDEX	100.00	123.7	119.2	122.9	123.1	121.9	122.5	126.1	121.6	126.7	128.5	126.1	124.5	121.8
PRODUCTS, TOTAL	57.72	130.6	123.5	127.2	127.7	127.3	128.9	133.7	130.1	135.7	138.1	134.5	132.4	128.4
FINAL PRODUCTS	44.77	131.0	125.1	128.4	128.7	127.6	129.4	133.8	130.1	135.5	137.9	134.3	132.7	128.7
CONSUMER GOODS	25.52	119.8	112.9	117.2	117.2	115.7	117.5	123.4	118.6	125.3	128.2	124.9	121.1	115.9
EQUIPMENT, TOTAL	19.25	145.8	141.3	143.3	143.9	143.3	145.1	147.5	145.4	149.0	150.6	146.8	148.1	145.8
INTERMEDIATE PRODUCTS	12.94	129.3	118.0	122.9	124.2	126.3	127.3	133.3	129.9	136.5	138.9	135.2	131.5	127.3
MATERIALS	42.28	114.3	113.3	117.1	116.7	114.6	113.9	115.8	110.1	114.3	115.4	114.5	113.6	112.7
CONSUMER GOODS	25.52	119.8	112.9	117.2	117.2	115.7	117.5	123.4	118.6	125.3	128.2	124.9	121.1	115.9
DURABLE CONSUMER GOODS	6.89	112.5	106.9	113.8	116.9	114.0	114.2	117.5	100.7	110.4	115.7	120.8	115.5	103.1
Automotive products	2.98	114.1	111.6	117.9	120.7	116.9	117.8	121.6	98.5	107.7	117.0	121.7	116.7	100.6
Autos and trucks,consumer	1.79	112.0	110.1	117.4	121.9	116.8	119.4	124.4	92.1	99.9	113.3	121.8	116.5	90.3
Autos, consumer	1.16	98.9	103.2	104.8	110.9	107.8	106.5	109.2	84.7	79.5	95.9	104.7	101.2	78.5
Trucks, consumer	.63	136.3	122.9	140.7	142.3	133.6	143.5	152.7	105.9	137.9	145.5	153.6	144.9	112.4
Auto parts & allied gds	1.19	117.2	113.8	118.7	118.9	117.1	115.3	117.4	108.1	119.4	122.7	121.5	117.0	116.1
Home goods	3.91	111.2	103.3	110.7	114.1	111.7	111.5	114.4	102.3	112.4	114.7	120.1	114.6	105.1
Appliances,TV & air-cond	1.24	128.0	120.3	129.0	137.1	130.1	133.0	134.2	109.8	125.1	125.5	144.5	136.0	111.8
Appliances and TV	1.19	128.7	119.9	127.4	134.5	127.2	130.1	133.8	111.5	128.7	128.9	148.6	139.6	114.3
Carpeting & furniture	.96	119.8	102.0	119.7	119.6	121.2	116.0	123.4	114.0	122.5	129.1	127.3	125.4	117.6
Misc. home goods	1.71	94.3	91.7	92.5	94.4	93.2	93.4	95.1	90.4	97.6	98.9	98.5	93.0	93.2
NONDURABLE CONSUMER GOODS	18.63	122.5	115.2	118.5	117.3	116.3	118.6	125.6	125.2	130.8	132.9	126.5	123.1	120.5
Clothing	3.34	94.4	88.4	93.0	93.3	91.3	93.0	96.9	91.2	99.0	100.3	97.8	96.1	92.2
Consumer staples	15.29	128.7	121.0	124.0	122.5	121.8	124.2	131.8	132.7	137.7	140.0	132.7	129.0	126.7
Consumer foods & tobacco	7.80	129.2	119.8	121.6	122.9	123.8	126.0	134.2	131.4	138.5	140.8	136.3	130.4	125.0
Nonfood staples	7.49	128.2	122.4	126.5	122.1	119.7	122.4	129.4	134.0	137.0	139.2	129.0	127.6	128.5
Consumer chem. products	2.75	146.7	133.5	137.7	139.3	137.1	144.3	151.5	153.9	156.4	165.0	151.1	148.2	141.8
Consumer paper products	1.88	142.0	131.7	134.2	135.5	135.1	138.7	144.2	148.9	155.4	154.0	146.2	141.5	138.8
Consumer energy	2.86	101.3	105.6	110.8	96.9	93.0	90.7	98.4	105.2	106.2	104.7	96.4	98.7	109.1
Consumer fuel	1.44	88.6	83.3	82.2	81.3	86.0	89.5	91.6	91.6	91.5	87.0	90.1	93.2	95.7
Residential utilities	1.42	114.3	128.3	139.8	112.8	100.2	92.0	105.4	119.0	121.1	122.6	102.9	104.3	122.7
EQUIPMENT, TOTAL	19.25	145.8	141.3	143.3	143.9	143.3	145.1	147.5	145.4	149.0	150.6	146.8	148.1	145.8
BUSINESS & DEFENSE EQUIP.	18.01	146.5	140.4	143.4	144.6	144.2	146.1	148.6	146.4	149.8	151.6	147.6	149.1	146.7
BUSINESS EQUIPMENT	14.34	140.2	134.3	137.8	138.8	138.2	140.1	142.6	140.4	144.1	145.6	140.9	141.6	137.6
Constr, mining, & farm	2.08	60.1	61.0	64.2	61.9	61.3	60.2	61.3	60.1	59.8	60.0	56.5	57.7	56.9
Manufacturing equipment	3.27	111.0	106.5	112.0	110.9	109.5	110.2	111.9	110.4	113.5	115.3	110.0	110.7	110.6
Power equipment	1.27	83.0	80.2	80.8	80.6	79.4	80.8	83.7	82.0	84.5	87.4	85.5	84.9	85.6
Commercial equipment	5.22	220.0	209.0	212.8	214.9	214.8	219.4	222.7	226.4	232.0	229.8	219.8	221.9	216.4
Transit equipment	2.49	107.6	103.1	105.3	110.3	109.6	110.4	113.2	96.5	100.9	110.5	115.3	113.2	102.3
DEFENSE & SPACE EQUIPMENT	3.67	171.4	164.5	165.0	167.4	167.7	169.6	171.8	169.8	172.1	174.9	173.5	178.2	182.0
INTERMEDIATE PRODUCTS	12.94	129.3	118.0	122.9	124.2	126.3	127.3	133.3	129.9	136.5	138.9	135.2	131.5	127.3
Construction supplies	5.95	119.2	107.5	110.4	114.9	118.5	120.0	124.1	119.1	124.8	126.5	125.6	122.4	116.2
Business supplies	6.99	137.9	127.0	133.5	132.1	133.0	133.5	141.1	139.2	146.5	149.5	143.4	139.2	136.7
Gen. business supplies	5.67	141.5	129.6	135.3	136.0	137.6	138.2	144.2	141.4	150.6	152.7	148.7	143.8	140.3
Commercial energy prod.	1.31	122.2	115.8	125.8	115.2	112.9	113.4	128.0	129.7	128.8	135.4	120.8	119.7	120.9
MATERIALS	42.28	114.3	113.3	117.1	116.7	114.6	113.9	115.8	110.1	114.3	115.4	114.5	113.6	112.7
DURABLE GOODS MATERIALS	20.50	121.7	119.6	123.2	125.2	123.3	122.6	124.2	117.1	121.3	122.7	121.7	120.7	118.8
Consumer durable parts	4.92	100.8	99.4	101.4	103.4	102.6	101.3	101.2	94.9	99.1	101.7	102.6	102.0	100.2
Equipment parts	5.94	158.6	165.0	162.0	163.8	159.0	158.9	160.1	154.1	156.5	156.7	153.6	156.3	157.2
Durable materials nec	9.64	109.7	102.1	110.5	112.6	111.9	111.0	113.9	105.6	110.9	112.4	111.9	108.4	104.7
Basic metal materials	4.64	84.7	81.3	87.5	92.4	90.9	88.1	89.7	76.6	82.0	82.8	84.0	82.3	79.2
NONDURABLE GOODS MATERIALS	10.09	112.1	108.1	114.1	113.2	112.3	111.8	113.6	107.2	112.4	115.6	116.0	113.3	108.2
Textile,paper,&chem.mater.	7.53	112.4	109.1	114.8	114.3	112.5	112.5	113.4	106.9	111.6	115.8	114.9	113.8	109.5
Textile materials	1.52	97.3	91.4	97.9	95.7	94.2	98.6	97.8	82.9	102.8	102.5	107.8	105.7	90.7
Pulp & paper materials	1.55	124.1	126.0	130.6	131.5	122.9	122.8	124.3	117.2	121.8	124.7	122.3	124.4	120.4
Chemical materials	4.46	113.5	109.2	115.1	114.7	115.1	113.7	115.0	111.5	111.0	117.2	114.8	113.0	112.1
Misc. nondurable materials	2.57	111.3	105.5	111.8	109.7	111.8	109.8	114.1	108.0	114.7	115.2	119.2	111.7	104.5
ENERGY MATERIALS	11.69	103.3	106.6	108.8	105.0	101.4	100.4	102.8	100.2	103.7	102.6	100.7	101.3	105.8
Primary energy	7.57	107.3	107.8	110.9	110.1	106.8	106.3	108.3	102.7	107.1	106.7	106.4	106.3	108.4
Converted fuel materials	4.12	95.8	104.5	104.9	95.5	91.5	89.6	92.7	95.8	97.4	95.1	90.1	92.1	101.0

NOTE: Two components--oil and gas well drilling and manufactured homes--are included in total equipment but not shown here. They are shown in Tables 4A and 4B on page 8 and 9.

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Table 1B

INDUSTRIAL PRODUCTION: MARKET GROUPINGS

Not seasonally adjusted, 1977 = 100

Major Market Groupings	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL INDEX	100.00	125.1	123.2	125.2	123.3	123.8	123.2	126.8	123.2	127.8	128.4	127.7	125.2	122.9
PRODUCTS, TOTAL	57.72	133.3	129.5	130.9	129.3	130.7	130.6	135.8	133.1	138.4	139.2	137.8	133.6	130.7
FINAL PRODUCTS	44.77	132.5	130.3	131.3	129.2	129.9	129.8	134.4	131.6	136.8	137.7	136.3	132.3	129.7
CONSUMER GOODS	25.52	124.0	118.8	120.8	118.9	121.5	121.6	127.7	124.0	130.5	130.6	129.4	124.1	120.3
EQUIPMENT, TOTAL	19.25	143.6	145.5	145.2	142.9	141.2	140.7	143.3	141.6	145.3	147.2	145.4	143.2	142.1
INTERMEDIATE PRODUCTS	12.94	136.2	126.8	129.5	129.5	133.3	133.3	140.5	138.3	143.6	144.2	143.1	138.1	134.4
MATERIALS	42.28	113.8	114.6	117.4	115.2	114.3	113.1	114.4	109.7	113.3	113.8	114.0	113.7	112.2
CONSUMER GOODS	25.52	124.0	118.8	120.8	118.9	121.5	121.6	127.7	124.0	130.5	130.6	129.4	124.1	120.3
DURABLE CONSUMER GOODS	6.89	115.6	111.5	117.3	114.4	118.6	115.4	118.7	104.3	112.9	120.4	125.0	118.6	109.9
Automotive products	2.98	115.3	114.5	121.5	117.1	122.4	118.5	123.2	99.3	106.5	119.3	121.6	115.2	104.4
Autos and trucks,consumer	1.79	112.9	115.0	126.0	117.0	124.4	119.9	127.6	89.1	95.4	116.8	118.7	109.1	95.3
Autos, consumer	1.16	97.3	105.3	112.5	102.2	108.3	102.0	111.6	72.2	74.3	94.9	104.2	96.4	83.6
Trucks, consumer	.63	141.8	133.0	151.1	144.5	154.2	153.0	157.3	120.3	134.7	157.5	145.8	132.6	117.0
Auto parts & allied gds	1.19	118.9	113.9	114.7	117.2	119.3	116.4	116.5	114.6	123.3	123.0	125.9	124.3	118.1
Home goods	3.91	115.8	109.2	114.1	112.4	115.7	113.0	115.3	108.1	117.7	121.3	127.6	121.2	114.2
Appliances,TV & air-cond	1.24	134.0	126.6	131.0	126.2	137.3	129.9	130.0	122.2	134.8	138.3	158.7	145.7	127.1
Appliances and TV	1.19	135.9	128.3	132.3	126.5	136.2	130.2	130.3	124.8	139.6	142.3	162.4	148.8	129.0
Carpeting & furniture	.96	126.3	116.6	127.7	124.6	125.8	123.3	127.7	118.6	128.7	133.0	134.3	129.6	125.8
Misc. home goods	1.71	96.8	92.6	94.2	95.6	94.4	95.1	97.7	92.1	99.2	102.4	101.5	98.9	98.3
NONDURABLE CONSUMER GOODS	18.63	127.1	121.5	122.1	120.5	122.5	123.9	131.0	131.3	137.0	134.4	131.0	126.2	124.1
Clothing	3.34	96.1	92.2	94.5	94.8	95.4	95.6	99.2	93.9	101.5	98.9	98.6	95.2	93.1
Consumer staples	15.29	133.9	127.9	128.1	126.1	128.5	130.1	137.9	139.5	144.7	142.1	138.0	132.9	130.9
Consumer foods & tobacco	7.80	132.7	124.6	126.0	125.9	128.7	130.7	138.2	135.1	143.0	140.5	138.8	132.7	128.0
Nonfood staples	7.49	135.2	131.3	130.4	126.4	128.3	129.4	137.7	144.0	146.6	143.8	137.1	133.2	133.9
Consumer chem. products	2.75	158.2	144.6	148.1	147.4	151.0	154.2	166.5	171.2	169.9	172.4	164.9	155.4	152.4
Consumer paper products	1.88	147.4	138.9	139.1	138.0	140.0	144.3	149.6	153.5	162.8	157.6	152.8	148.6	144.2
Consumer energy	2.86	105.1	113.5	107.7	98.6	98.8	95.9	102.3	111.8	113.6	107.3	100.2	101.8	109.4
Consumer fuel	1.44	92.9	92.0	86.7	85.0	90.3	96.6	95.5	94.0	97.2	94.7	90.9	95.2	96.2
Residential utilities	1.42	117.5	135.3	129.0	112.4	107.3	95.1	109.1	130.0	130.4	120.2	109.8	108.5	122.9
EQUIPMENT, TOTAL	19.25	143.6	145.5	145.2	142.9	141.2	140.7	143.3	141.6	145.3	147.2	145.4	143.2	142.1
BUSINESS & DEFENSE EQUIP.	18.01	148.1	146.9	147.8	146.6	145.7	145.7	148.8	147.2	150.8	152.7	150.5	147.9	146.7
BUSINESS EQUIPMENT	14.34	139.5	138.5	140.2	138.4	137.1	136.9	140.6	138.8	142.7	144.5	142.0	138.0	135.6
Constr, mining, & farm	2.08	55.7	56.4	58.2	54.1	52.9	55.0	57.2	55.5	56.5	57.7	55.3	53.8	56.3
Manufacturing equipment	3.27	114.0	109.3	114.5	114.3	112.4	112.3	115.7	113.3	117.1	118.4	117.0	112.0	111.7
Power equipment	1.27	82.4	82.3	82.9	83.3	82.2	82.3	85.9	79.4	82.5	83.0	82.3	80.6	81.9
Commercial equipment	5.22	217.4	214.7	214.9	214.2	209.7	210.0	214.7	224.2	229.0	227.2	221.0	216.3	212.3
Transit equipment	2.49	108.8	114.4	115.2	110.2	115.8	112.4	115.9	93.6	98.3	109.7	112.5	108.1	99.8
DEFENSE & SPACE EQUIPMENT	3.67	182.0	179.8	177.8	178.7	179.3	180.2	180.9	180.0	182.3	184.8	183.7	186.6	190.0
INTERMEDIATE PRODUCTS	12.94	136.2	126.8	129.5	129.5	133.3	133.3	140.5	138.3	143.6	144.2	143.1	138.1	134.4
Construction supplies	5.95	126.4	117.5	119.2	121.8	126.8	127.0	130.7	126.1	130.7	132.7	132.0	128.0	123.9
Business supplies	6.99	144.6	134.7	138.3	136.0	138.9	138.7	148.9	148.7	154.5	154.0	152.5	146.7	143.4
Gen. business supplies	5.67	148.5	137.6	140.4	140.4	143.0	143.5	151.5	151.2	157.9	158.3	158.8	151.1	148.1
Commercial energy prod.	1.31	127.8	122.4	129.1	117.2	121.1	117.6	137.6	137.8	139.7	135.2	125.5	127.5	123.2
MATERIALS	42.28	113.8	114.6	117.4	115.2	114.3	113.1	114.4	109.7	113.3	113.8	114.0	113.7	112.2
DURABLE GOODS MATERIALS	20.50	120.0	118.7	122.2	121.5	121.2	120.5	121.0	115.9	119.0	120.7	120.9	119.9	118.5
Consumer durable parts	4.92	100.7	101.8	105.3	103.6	102.4	99.7	100.5	94.2	96.6	99.2	102.6	101.2	101.2
Equipment parts	5.94	153.8	154.5	153.6	154.3	152.7	152.3	153.5	150.8	153.6	155.4	153.2	155.0	156.5
Durable materials nec	9.64	109.0	105.3	111.6	110.4	111.4	111.5	111.4	105.4	109.0	110.3	110.3	107.9	103.9
Basic metal materials	4.64	79.7	82.3	86.0	85.8	88.0	85.3	80.2	72.2	73.9	76.0	76.8	77.0	72.9
NONDURABLE GOODS MATERIALS	10.09	117.5	113.9	119.1	116.3	118.1	116.6	119.5	111.5	118.5	120.3	121.9	119.2	115.4
Textile,paper,&chem.mater.	7.53	117.9	114.3	119.7	117.3	117.7	117.9	119.5	111.2	118.7	121.2	120.9	119.7	117.2
Textile materials	1.52	104.5	100.5	108.1	104.8	103.5	107.2	106.3	88.9	111.6	108.8	110.5	107.1	96.5
Pulp & paper materials	1.55	132.6	129.1	132.9	132.6	131.9	129.3	135.7	125.4	136.4	134.0	135.3	136.7	131.6
Chemical materials	4.46	117.5	113.9	119.1	116.2	117.7	117.6	118.4	113.8	114.9	121.0	119.5	118.1	119.2
Misc. nondurable materials	2.57	116.3	112.6	117.4	113.6	119.1	112.7	119.3	112.6	118.2	117.8	124.8	117.8	110.3
ENERGY MATERIALS	11.69	99.7	108.0	107.5	103.1	98.9	97.1	98.6	97.3	98.8	96.0	95.0	98.1	98.5
Primary energy	7.57	105.8	111.3	112.8	110.9	106.1	104.9	104.5	100.7	104.7	102.3	102.6	105.2	104.0
Converted fuel materials	4.12	88.5	101.9	97.8	88.7	85.6	82.7	87.8	91.0	87.9	84.6	81.0	85.1	88.3

NOTE: Two components--oil and gas well drilling and manufactured homes--are included in total equipment but not shown here. They are shown in Tables 4A and 4B on page 8 and 9.

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Table 2B

INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS

Not seasonally adjusted, 1977 = 100

Major Industry Groupings	SIC Code	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MINING AND UTILITIES		15.78	109.8	114.2	117.0	110.1	105.9	104.6	108.8	107.7	111.0	111.3	106.8	107.5	112.3
MINING		9.83	108.9	110.2	111.6	110.6	108.2	108.0	109.5	104.1	108.9	108.8	108.9	108.8	109.4
UTILITIES		5.96	111.1	120.9	125.9	109.3	102.1	98.8	107.6	113.6	114.5	115.3	103.3	105.3	117.1
MANUFACTURING		84.22	126.4	120.1	124.0	125.5	125.0	125.9	129.3	124.2	129.6	131.8	129.7	127.6	123.5
NONDURABLE		35.11	124.6	115.9	120.7	121.5	121.5	123.0	127.7	124.0	130.4	133.1	129.9	126.1	121.3
DURABLE		49.10	127.6	123.2	126.4	128.4	127.5	128.0	130.5	124.4	129.0	130.8	129.5	128.7	125.1
MINING															
Metal mining	10	.50	76.1	66.1	75.0	84.9	82.9	86.4	86.4	62.1	74.8	74.0	76.3	75.5	68.8
Coal	11,12	1.60	127.0	111.1	125.8	138.6	130.1	127.6	137.3	112.8	135.5	131.9	130.5	123.5	119.1
Oil & gas extraction	13	7.07	105.9	113.2	110.8	105.7	103.8	103.6	103.4	103.4	103.7	104.0	104.1	105.8	109.1
Stone & earth minerals	14	.66	122.2	109.4	112.4	114.8	120.9	124.0	124.9	122.0	125.9	130.6	131.6	130.5	119.0
NONDURABLE MANUFACTURES															
Foods	20	7.96	130.5	120.6	122.5	123.6	125.1	127.9	134.4	133.3	139.2	141.6	137.2	131.9	128.6
Tobacco products	21	.62	100.3	98.4	109.7	106.8	95.2	88.7	112.1	86.8	104.0	103.6	113.9	107.2	77.2
Textile mill products	22	2.29	102.2	89.8	98.8	100.2	100.1	103.0	106.1	93.8	108.1	110.2	112.3	108.9	94.7
Apparel products	23	2.79	100.4	96.7	99.3	99.5	97.3	98.2	100.6	96.5	103.5	105.5	103.8	102.6	101.7
Paper & products	26	3.15	127.6	127.1	131.2	132.5	127.7	125.6	129.3	121.0	126.7	129.3	131.0	127.1	122.7
Printing & publishing	27	4.54	151.4	133.8	139.8	141.6	143.8	147.2	154.1	156.9	167.6	167.5	160.2	154.3	149.5
Chemicals & products	28	8.05	126.4	118.9	123.4	124.7	125.0	126.8	130.2	127.8	128.5	134.8	128.7	126.0	122.4
Petroleum products	29	2.40	86.9	78.9	80.0	79.6	83.8	87.1	90.9	91.8	92.6	88.8	89.3	90.4	90.2
Rubber & plastics prod.	30	2.80	146.1	137.5	151.2	148.9	147.3	144.7	147.2	136.4	148.7	154.2	152.0	146.4	139.0
Leather & products	31	.53	68.4	66.5	69.5	70.1	68.4	70.6	69.7	60.0	72.2	71.2	71.8	68.8	62.0
DURABLE MANUFACTURES															
Lumber & products	24	2.30	114.3	101.7	105.4	110.6	113.0	114.3	121.4	113.2	123.0	124.4	124.3	114.0	105.9
Furniture & fixtures	25	1.27	138.0	128.6	144.3	136.3	134.5	133.0	137.4	133.3	143.3	145.9	141.8	141.1	136.4
Clay, glass, stone prod.	32	2.72	114.5	103.3	105.2	108.4	114.8	116.1	119.2	116.4	120.7	120.4	120.7	116.8	111.7
Primary metals	33	5.33	80.4	78.3	82.7	88.1	86.3	82.9	84.6	73.2	77.9	78.8	79.7	77.9	74.4
Iron & steel	331,2	3.49	70.4	66.5	70.4	79.7	77.2	73.5	75.7	64.9	68.3	68.3	69.1	67.2	63.8
Fabricated metal prod.	34	6.46	107.1	101.9	106.5	107.5	107.7	107.0	108.1	104.7	108.7	109.7	109.1	108.0	106.8
Nonelectrical machinery	35	9.54	146.2	139.3	144.3	144.6	144.4	146.4	147.9	149.1	152.9	152.3	144.3	146.4	142.8
Electrical machinery	36	7.15	168.3	171.5	171.8	173.4	167.5	168.2	170.5	160.4	165.8	167.4	169.1	168.9	165.7
Transportation equip.	37	9.13	122.8	118.6	120.1	123.9	122.5	124.0	126.8	113.8	117.9	125.3	128.6	128.7	122.8
Motor vehicles & pts.	371	5.26	111.9	110.8	113.5	117.2	115.1	116.4	119.7	99.3	103.5	112.7	117.8	114.8	102.3
Aerospace & misc.	372-6,9	3.87	137.5	129.2	129.1	133.1	132.5	134.4	136.4	133.5	137.3	142.4	143.2	147.7	150.7
Instruments	38	2.66	139.3	135.3	135.2	136.9	135.2	138.1	142.8	141.8	143.6	143.8	139.6	139.5	139.4
Miscellaneous mfrs.	39	1.46	96.1	90.4	95.1	94.4	94.1	94.5	98.6	96.3	103.0	103.0	99.1	93.0	91.7
UTILITIES															
Electric		4.17	119.7	125.6	132.1	114.1	109.1	108.0	120.6	126.3	127.7	127.0	110.4	112.1	123.3

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Table 2B

INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS

Not seasonally adjusted, 1977 = 100

Major Industry Groupings	SIC Code	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MINING AND UTILITIES		15.78	103.5	114.1	112.6	105.4	101.5	97.8	101.3	101.9	103.7	100.5	98.8	101.3	102.5
MINING		9.83	100.4	110.5	109.3	105.3	100.5	98.8	97.6	94.0	98.0	95.9	97.3	99.5	97.8
UTILITIES		5.96	108.5	120.2	118.1	105.4	103.0	96.2	107.5	115.0	113.1	108.0	101.1	104.3	110.2
MANUFACTURING		84.22	129.1	124.9	127.5	126.7	128.0	128.0	131.5	127.2	132.3	133.7	133.2	129.7	126.7
NONDURABLE		35.11	130.1	122.5	125.7	124.9	126.9	128.3	133.9	130.4	137.0	136.9	136.1	131.1	127.4
DURABLE		49.10	128.4	126.6	128.9	127.9	128.7	127.7	129.8	124.9	128.8	131.4	131.1	128.7	126.3
MINING															
Metal mining	10	.50	74.2	72.6	80.9	80.8	82.6	81.1	74.7	70.9	72.3	71.9	69.5	66.7	65.9
Coal	11,12	1.60	127.7	127.8	136.4	138.7	127.9	124.9	130.0	110.9	137.0	128.2	125.9	129.4	115.0
Oil & gas extraction	13	7.07	93.9	109.2	104.6	98.8	93.3	91.8	89.0	89.2	88.1	87.5	89.4	92.2	94.2
Stone & earth minerals	14	.66	123.1	110.6	116.3	113.1	124.9	124.5	128.0	122.4	129.3	126.2	134.1	129.2	118.9
NONDURABLE MANUFACTURES															
Foods	20	7.96	134.4	126.4	127.2	127.4	129.6	131.8	138.7	137.2	143.9	142.0	140.7	135.5	132.6
Tobacco products	21	.62	97.1	94.9	102.9	95.5	99.7	95.5	109.4	86.6	103.4	94.1	110.2	100.9	72.5
Textile mill products	22	2.29	109.2	99.9	108.7	107.1	109.5	111.3	113.6	99.0	117.0	115.4	116.6	111.9	100.6
Apparel products	23	2.79	103.1	100.7	100.1	101.8	100.9	101.6	104.7	100.2	106.7	106.3	106.1	103.8	104.1
Paper & products	26	3.15	136.5	133.8	136.8	136.7	137.6	133.3	140.3	129.6	139.4	138.0	142.4	137.9	131.7
Printing & publishing	27	4.54	160.9	144.4	146.5	147.6	152.4	154.6	164.7	169.7	178.3	176.2	173.4	164.0	159.5
Chemicals & products	28	8.05	132.0	125.2	129.1	127.3	130.5	131.3	136.2	134.7	135.0	138.7	135.4	130.6	129.6
Petroleum products	29	2.40	92.6	88.9	85.3	83.3	88.7	96.2	96.6	95.8	98.5	97.0	92.8	94.6	94.1
Rubber & plastics prod.	30	2.80	151.4	141.2	155.4	151.4	146.5	149.2	154.0	145.0	154.7	158.0	159.4	153.3	148.2
Leather & products	31	.53	61.4	63.9	66.8	64.6	62.1	61.0	59.0	53.8	63.3	60.5	62.6	62.6	56.5
DURABLE MANUFACTURES															
Lumber & products	24	2.30	124.1	113.5	117.3	120.3	125.0	124.0	128.4	120.4	130.4	131.2	131.5	127.1	120.2
Furniture & fixtures	25	1.27	143.8	136.7	147.6	141.3	140.6	138.4	144.3	137.0	149.1	149.4	149.8	145.0	146.7
Clay, glass, stone prod.	32	2.72	118.2	110.4	111.9	115.2	120.2	119.6	122.5	118.6	122.6	123.0	121.8	118.9	114.1
Primary metals	33	5.33	75.1	79.1	81.6	81.1	83.1	80.5	76.0	67.8	69.3	70.8	71.7	72.4	67.9
Iron & steel	331,2	3.49	63.4	68.7	70.4	69.3	72.0	68.4	64.5	58.9	57.3	57.4	58.5	59.7	55.5
Fabricated metal prod.	34	6.46	108.0	105.0	108.6	107.9	108.1	106.5	108.9	104.9	108.1	110.7	110.5	108.2	108.8
Nonelectrical machinery	35	9.54	145.0	142.6	145.0	143.4	139.7	140.6	146.8	148.7	152.2	151.2	147.2	142.7	139.8
Electrical machinery	36	7.15	165.7	163.1	162.4	162.3	164.4	163.0	162.0	161.4	166.2	169.1	172.9	171.2	170.0
Transportation equip.	37	9.13	127.5	130.1	131.7	128.6	133.3	129.4	132.1	116.0	119.5	128.6	129.8	128.1	124.3
Motor vehicles & pts.	371	5.26	111.5	115.7	120.6	114.6	118.5	115.0	120.6	95.4	99.2	112.5	114.1	109.4	101.9
Aerospace & misc.	372-6,9	3.87	149.2	149.7	146.7	147.7	148.7	148.9	147.7	143.9	146.9	150.4	151.3	153.3	154.7
Instruments	38	2.66	139.8	137.5	138.6	139.7	138.5	137.4	140.6	140.4	142.8	143.2	140.2	138.7	139.4
Miscellaneous mfrs.	39	1.46	100.1	94.2	100.7	98.1	97.0	99.7	100.9	98.6	104.3	106.3	104.0	99.3	97.8
UTILITIES															
Electric		4.17	122.4	126.9	127.4	114.4	116.4	109.2	126.0	136.1	133.4	125.4	114.8	116.9	121.7

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Table 4B

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
METAL MINING	10	.50	76.1	66.1	75.0	84.9	82.9	86.4	86.4	62.1	74.8	74.0	76.3	75.5	68.8
Iron ore	101	.15	87.7	53.8	72.8	100.1	107.6	121.2	115.3	63.1	104.5	91.8	89.7	81.7	50.3
Nonferrous ores	102-6,8,9	.35	71.2	71.3	76.0	78.5	72.5	71.6	74.1	61.7	62.2	66.4	70.6	72.9	76.7
Copper ore	102	.15	79.4	77.0	81.3	86.5	80.8	80.5	80.8	75.3	72.6	73.3	78.3	80.6	85.7
Lead and zinc ores	103	.05	66.0	62.9	75.0	76.0	72.2	68.4	65.8	59.0	59.8	58.7	68.4	61.7	64.4
Gold and silver ores	104	.02	167.3	145.9	161.3	176.1	153.2	154.2	173.8	155.3	165.1	185.6	175.8	183.3	178.4
Ferroalloy ores	106	.04	91.6	102.5	108.4	115.3	98.6	97.7	113.6	45.9	53.7	81.0	92.6	99.8	89.9
ANTHRACITE	11	.02	66.6	54.3	61.8	69.5	50.2	64.6	93.1	65.2	68.5	66.7	71.5	67.8	66.1
BITUMINOUS	12	1.58	127.6	111.7	126.5	139.3	130.9	128.3	137.8	113.3	136.2	132.6	131.2	124.1	119.7
OIL AND GAS EXTRACTION	13	7.07	105.9	113.2	110.8	105.7	103.8	103.6	103.4	103.4	103.7	104.0	104.1	105.8	109.1
Crude oil & natural gas	131	5.62	99.6	103.6	103.8	100.2	98.7	98.2	98.0	97.3	97.2	97.6	98.2	99.3	102.9
Crude oil, total		3.46	108.1	108.2	108.2	108.2	107.2	108.7	108.6	107.8	107.8	107.5	108.3	108.2	108.2
Texas crude		1.34	77.7	77.1	76.4	78.6	78.4	78.5	77.3	77.4	77.8	76.8	77.7	78.3	78.1
Alaska,Calif.crude		.57	207.7	205.8	207.3	206.5	200.5	204.8	210.6	208.0	208.4	208.7	211.5	208.9	211.5
La. and other crude		1.54	97.4	98.9	98.9	97.3	97.5	99.2	97.9	97.1	96.4	96.5	96.6	96.8	95.9
Natural gas		2.16	86.1	96.2	96.9	87.6	85.1	81.4	81.1	80.5	80.3	81.9	82.0	85.1	94.5
Natural gas liquids	132	.47	98.9	99.2	98.7	98.1	97.4	100.5	99.3	97.6	98.4	96.6	97.2	102.2	101.1
Propane		.05	102.6	108.0	106.3	104.5	102.3	94.7	100.2	99.6	100.2	98.6	101.9	105.7	109.0
Liquefied petroleum		.42	98.4	98.2	97.9	97.4	96.9	101.1	99.2	97.3	98.2	96.4	96.6	101.8	100.2
Oil & gas well drilling	138	.99	145.0	174.1	156.3	140.6	135.8	135.8	136.1	140.7	143.2	144.0	141.0	144.3	148.1
FOODS	20	7.96	130.5	120.6	122.5	123.6	125.1	127.9	134.4	133.3	139.2	141.6	137.2	131.9	128.6
Meat products	201	1.06	119.5	117.1	114.7	117.3	120.0	120.2	118.3	115.3	121.1	123.3	126.7	122.8	116.6
Beef		.43	95.3	94.8	92.2	90.6	92.5	95.8	96.5	94.5	99.3	99.0	96.8	103.4	88.6
Pork		.25	112.8	112.7	110.5	115.3	118.0	116.8	110.0	100.8	108.6	114.4	119.5	115.8	111.4
Poultry		.20	142.2	132.7	130.2	134.4	143.5	143.2	147.2	146.6	151.3	148.1	158.3	135.2	136.0
Misc. meats		.18	161.9	160.4	157.9	166.1	163.1	158.5	150.2	151.1	157.6	167.1	174.0	166.0	170.6
Dairy products	202	.80	127.8	112.4	118.7	123.5	132.1	136.9	141.7	136.3	133.3	128.9	124.7	121.6	123.4
Butter	2021	.01	115.8	124.8	128.8	120.1	121.6	119.0	114.0	99.8	98.0	107.3	114.8	113.7	127.2
Cheese	2022	.13	149.1	137.0	137.9	144.3	153.6	158.3	159.9	150.6	148.9	146.4	150.6	149.4	152.7
Concentrated milk	2023	.11	139.6	110.9	123.1	128.6	151.6	154.7	166.8	161.3	153.2	133.5	130.4	125.3	135.7
Frozen desserts	2024	.09	137.9	100.0	115.5	135.0	141.3	155.0	177.0	173.7	165.1	150.4	125.0	110.9	106.1
Canned and frozen food	203	1.09	146.9	128.3	137.9	137.6	133.1	136.3	151.0	148.1	162.7	178.0	168.3	146.2	135.4
Grain mill products	204	.94	130.4	126.9	127.9	125.9	126.6	127.0	132.6	131.6	136.5	137.2	133.0	129.2	130.7
Flour	2041	.12	113.3	103.3	119.4	117.2	105.2	106.8	113.3	99.4	117.0	120.7	119.5	128.2	108.9
Bakery products	205	1.00	127.9	115.8	114.4	116.4	121.7	124.5	134.1	137.5	143.2	144.2	131.7	128.1	123.4
Beverages	208	1.41	127.9	115.2	116.7	121.2	126.2	130.0	140.1	137.0	141.0	141.0	128.3	122.5	116.0
Beer and ale	2082,3	.38	113.2	104.2	110.5	119.9	125.9	126.8	136.2	125.0	121.5	106.3	96.6	93.8	92.0
Wine and brandy	2084	.07	164.4	113.6	140.4	156.8	153.9	158.6	189.7	161.2	187.4	171.6	200.9	177.7	161.2
Soft drinks	2086,7	.79	139.1	127.9	122.8	124.4	131.1	137.1	146.0	150.7	153.9	160.8	144.1	137.6	132.7
Liquors	2085	.16	92.8	81.1	91.0	93.3	91.0	90.4	98.8	88.9	104.3	113.5	95.3	93.2	72.2
Fats and oils	207	.27	121.0	121.2	126.5	118.8	119.0	121.7	117.4	112.3	112.1	120.3	129.9	127.0	125.5
Coffee & misc.foods	209	.79	141.9	128.4	132.8	132.3	131.9	139.0	141.0	149.7	155.6	147.1	144.7	146.3	154.3
TOBACCO PRODUCTS	21	.62	100.3	98.4	109.7	106.8	95.2	88.7	112.1	86.8	104.0	103.6	113.9	107.2	77.2
Cigarettes	211	.54	100.6	99.6	109.7	109.0	94.3	89.1	113.0	86.9	105.5	103.3	114.9	106.2	76.1
Cigars	212	.02	74.8	78.3	79.2	79.8	74.6	79.8	82.8	68.8	81.9	75.8	79.6	66.8	50.1
TEXTILE MILL PRODUCTS	22	2.29	102.2	89.8	98.8	100.2	100.1	103.0	106.1	93.8	108.1	110.2	112.3	108.9	94.7
Fabrics	221-4	.77	95.0	90.8	95.5	93.4	93.5	96.1	94.7	83.3	98.6	98.8	106.1	103.4	85.7
Cotton fabrics	221	.28	101.6	96.9	101.2	100.0	100.3	104.3	101.2	88.8	109.1	105.9	114.6	109.6	88.0
Synthetic fabrics	222	.40	91.7	88.2	93.7	90.4	90.1	92.3	90.9	79.4	93.5	94.9	103.0	101.4	82.6
Knit goods	225	.55	100.6	82.5	93.4	96.2	96.4	99.8	111.4	103.4	110.2	112.9	106.7	102.9	91.6
Hosiery	2251,2	.12	143.3	134.6	144.6	153.8	146.7	139.0	159.5	143.6	137.0	142.1	150.5	146.5	121.9
Knit garments	2253,4,7-9	.43	88.4	67.7	78.8	79.8	82.0	88.6	97.6	91.9	102.5	104.5	94.2	90.4	82.9
Fabric finishing	226	.20	86.7	80.9	83.7	86.8	86.4	82.7	83.3	61.6	89.6	88.6	103.1	103.6	89.8
Carpeting	227	.22	139.8	96.9	119.0	141.5	150.5	141.3	151.0	146.0	139.6	156.7	158.2	146.6	130.4
Yarns & misc. text.	228,9	.55	104.5	96.2	106.4	102.1	98.1	107.8	107.5	90.1	113.4	112.8	111.8	109.6	98.1
APPAREL PRODUCTS	23	2.79	100.4	96.7	99.3	99.5	97.3	98.2	100.6	96.5	103.5	105.5	103.8	102.6	101.7
LUMBER AND PRODUCTS	24	2.30	114.3	101.7	105.4	110.6	113.0	114.3	121.4	113.2	123.0	124.4	124.3	114.0	105.9
Logging and lumber	241,2	1.05	103.9	90.0	94.0	100.5	101.6	101.3	112.7	102.2	113.8	116.2	115.0	103.9	95.2
Lumber products	243-5,9	1.25	123.0	111.5	115.0	119.2	122.5	125.2	128.7	122.5	130.7	131.3	132.1	122.4	114.9
Millwork & plywood	243	.67	139.8	131.1	127.0	130.4	134.5	140.2	144.2	141.9	148.7	150.6	152.1	141.9	134.7
Manufactured homes	245	.25	101.1	74.7	90.9	105.8	110.4	113.0	116.4	98.2	117.5	108.9	112.2	93.1	72.0
FURNITURE AND FIXTURES	25	1.27	138.0	128.6	144.3	136.3	134.5	133.0	137.4	133.3	143.3	145.9	141.8	141.1	136.4
Household furniture	251	.74	114.0	103.5	120.0	113.2	112.6	108.6	115.3	104.6	117.5	121.0	118.3	119.2	113.9
Fixt.,office furn.	252,4,9	.47	177.2	168.6	185.8	174.3	170.1	172.4	173.7	179.3	185.8	187.1	180.1	176.8	172.0
PAPER AND PRODUCTS	26	3.15	127.6	127.1	131.2	132.5	127.7	125.6	129.3	121.0	126.7	129.3	131.0	127.1	122.7
Pulp and paper	261-3	1.33	119.7	119.6	125.1	126.3	117.0	118.7	121.0	113.2	117.7	122.1	118.3	120.2	117.1
Wood pulp	261	.44	115.4	115.4	121.7	121.6	114.2	113.5	115.6	112.8	113.4	115.0	115.4	116.7	109.6
Paper	262	.44	124.9	125.0	131.8	131.9	124.0	122.0	126.7	117.4	118.5	129.2	119.2	124.1	128.9
Paperboard	263	.44	118.8	118.5	121.8	125.5	112.8	120.5	120.6	109.5	121.2	122.0	120.2	119.7	112.9
Converted paper prod.	264	1.03	146.9	145.1	151.6	153.0	148.7	144.5	148.4	139.0	144.3	145.7	149.8	148.4	144.9
Paperboard containers	265	.75	117.1	117.6	116.5	117.5	119.6	113.6	120.1	112.0	120.2	121.8	129.8	112.1	103.8

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4B

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
METAL MINING	10	.50	74.2	72.6	80.9	80.8	82.6	81.1	74.7	70.9	72.3	71.9	69.5	66.7	65.9
Iron ore	101	.15	70.8	60.7	81.5	82.9	95.9	102.7	69.3	67.7	65.7	65.6	58.7	49.7	49.7
Nonferrous ores	102-6,8,9	.35	75.6	77.7	80.6	80.0	76.9	72.0	77.0	72.3	75.1	74.6	74.1	73.9	72.8
Copper ore	102	.15	83.4	83.6	83.0	84.5	82.3	82.0	86.1	80.1	82.9	85.5	84.6	84.3	81.9
Lead and zinc ores	103	.05	56.8	74.5	74.8	72.1	62.6	45.7	49.1	51.2	48.4	51.7	53.6	46.5	51.4
Gold and silver ores	104	.02	219.6	207.2	231.5	225.2	224.0	216.0	233.6	207.6	231.6	221.1	209.5	228.0	200.2
Ferroalloy ores	106	.04	78.9	82.2	95.4	92.5	72.7	77.7	83.7	77.8	81.0	68.3	75.6	71.1	68.7
ANTHRACITE	11	.02	65.9	58.9	62.9	64.4	60.5	59.2	62.7	56.6	68.6	66.1	83.1	82.7	65.5
BITUMINOUS	12	1.58	128.4	128.5	137.2	139.5	128.6	125.6	130.8	111.5	137.8	128.9	126.4	129.9	115.5
OIL AND GAS EXTRACTION	13	7.07	93.9	109.2	104.6	98.8	93.3	91.8	89.0	89.2	88.1	87.5	89.4	92.2	94.2
Crude oil & natural gas	131	5.62	96.9	104.5	103.5	100.7	97.2	96.6	94.4	94.7	92.9	92.0	93.4	95.5	97.2
Crude oil, total		3.46	105.0	110.5	111.2	109.0	107.2	107.0	104.0	104.5	101.6	100.9	102.0	100.7	101.0
Texas crude		1.34	73.7	78.5	78.2	77.6	75.9	74.5	73.1	72.7	71.6	71.1	70.5	70.4	70.4
Alaska, Calif. crude		.57	210.2	215.3	218.4	212.9	209.8	215.6	211.8	212.0	203.9	200.8	211.3	204.1	206.7
La. and other crude		1.54	93.0	99.3	100.0	97.7	96.2	94.9	90.7	92.3	89.7	89.7	88.8	88.6	88.4
Natural gas		2.16	83.9	94.8	91.1	87.4	81.2	80.0	79.1	79.0	79.0	77.7	79.6	87.2	91.0
Natural gas liquids	132	.47	96.2	104.5	104.3	98.9	95.6	98.1	95.9	96.7	93.3	90.7	90.8	93.8	92.1
Propane		.05	98.9	111.0	108.8	102.3	98.0	98.6	95.5	94.1	91.2	93.5	93.7	99.2	100.8
Liquefied petroleum		.42	95.9	103.8	103.8	98.5	95.4	98.1	96.0	97.0	93.6	90.4	90.5	93.2	91.1
Oil & gas well drilling	138	.99	76.2	138.3	111.0	88.0	70.4	61.1	55.4	54.3	58.1	60.4	65.9	72.7	78.3
FOODS	20	7.96	134.4	126.4	127.2	127.4	129.6	131.8	138.7	137.2	143.9	142.0	140.7	135.5	132.6
Meat products	201	1.06	120.4	120.7	118.4	118.9	127.0	120.6	121.8	116.0	119.5	121.8	125.1	118.2	117.0
Beef		.43	96.7	98.1	92.2	90.3	100.9	98.7	101.1	98.5	101.4	98.0	98.5	92.2	90.4
Pork		.25	107.2	111.4	110.1	112.1	118.4	108.6	101.8	93.5	97.1	104.2	112.5	109.0	107.3
Poultry		.20	150.6	138.8	143.4	139.8	152.0	149.4	159.4	149.2	153.1	163.3	159.0	149.8	149.5
Misc. meats		.18	162.8	168.6	165.9	174.5	174.3	158.1	157.5	152.9	157.1	157.6	169.3	159.0	158.4
Dairy products	202	.80	130.4	125.5	131.7	136.0	141.3	144.1	144.8	134.7	129.4	123.4	118.3	115.8	119.1
Butter	2021	.01	111.0	143.1	142.9	134.7	133.6	124.3	105.4	85.8	81.0	87.0	89.1	98.4	106.4
Cheese	2022	.13	155.6	149.4	154.8	162.2	167.1	168.5	166.3	154.1	149.0	150.3	149.2	144.1	152.8
Concentrated milk	2023	.11	137.4	144.7	151.9	153.2	166.4	167.0	164.0	141.8	125.0	111.2	100.8	101.2	121.5
Frozen desserts	2024	.09	145.4	107.1	128.4	144.7	151.1	166.8	185.8	177.7	177.0	146.8	131.0	119.5	108.2
Canned and frozen food	203	1.09	152.4	135.0	137.3	139.2	137.2	143.5	148.2	155.0	171.8	182.0	172.9	154.9	151.8
Grain mill products	204	.94	133.2	129.5	130.3	127.0	127.9	129.5	136.5	133.3	139.9	135.2	135.8	136.7	137.2
Flour	2041	.12	126.1	115.0	131.4	116.7	115.3	118.6	122.2	115.8	138.9	133.7	134.0	146.8	124.8
Bakery products	205	1.00	133.0	126.1	121.9	121.0	124.6	126.3	139.8	144.9	149.2	147.4	142.2	127.5	124.8
Beverages	208	1.41	131.7	114.2	121.4	123.8	129.4	134.7	150.5	144.1	147.5	137.2	129.8	130.1	117.8
Beer and ale	2082,3	.38	115.2	105.7	116.2	118.1	126.0	128.1	136.3	123.3	122.0	106.9	105.0	101.1	93.9
Wine and brandy	2084	.07	191.7	132.5	156.6	178.8	198.2	209.5	225.4	195.7	253.3	160.9	201.3	211.9	175.9
Soft drinks	2086,7	.79	143.7	124.5	129.8	130.5	134.9	141.5	161.3	162.0	163.7	158.9	141.7	145.3	130.6
Liquors	2085	.16	85.9	76.3	77.7	80.6	80.6	83.9	98.2	84.6	82.3	93.5	98.9	88.5	86.3
Fats and oils	207	.27	121.2	124.1	121.4	122.3	120.7	115.2	119.4	113.6	112.9	118.0	130.4	130.0	126.0
Coffee & misc. foods	209	.79	149.6	143.2	142.1	138.2	137.7	143.5	146.0	151.4	168.5	157.9	154.8	154.7	157.1
TOBACCO PRODUCTS	21	.62	97.1	94.9	102.9	95.5	99.7	95.5	109.4	86.6	103.4	94.1	110.2	100.9	72.5
Cigarettes	211	.54	97.8	96.6	104.7	97.1	101.9	96.4	110.1	86.9	104.4	93.4	110.0	100.7	71.0
Cigars	212	.02	72.1	64.1	66.6	65.8	72.6	88.8	75.5	59.3	74.1	78.1	86.8	79.3	54.7
TEXTILE MILL PRODUCTS	22	2.29	109.2	99.9	108.7	107.1	109.5	111.3	113.6	99.0	117.0	115.4	116.6	111.9	100.6
Fabrics	221-4	.77	100.6	99.0	104.7	101.4	101.2	102.1	100.1	86.2	105.3	104.5	107.4	104.9	90.9
Cotton fabrics	221	.28	112.5	107.8	112.8	111.4	112.3	113.8	110.6	94.4	120.8	118.3	123.5	119.7	104.3
Synthetic fabrics	222	.40	94.2	95.6	100.8	95.9	95.6	96.5	93.7	80.9	97.6	96.9	98.8	97.2	81.1
Knit goods	225	.55	105.6	88.3	100.5	98.3	107.9	107.4	117.0	106.1	118.6	112.7	111.7	103.7	94.6
Hosiery	2251,2	.12	151.8	144.2	151.1	148.2	174.9	148.6	157.2	141.3	156.0	145.0	161.1	164.5	130.0
Knit garments	2253,4,7-9	.43	92.3	72.3	86.1	84.1	88.7	95.6	105.5	96.0	107.9	103.5	97.6	86.3	84.5
Fabric finishing	226	.20	91.1	95.3	105.1	100.3	97.3	97.8	90.9	71.0	88.4	87.6	92.3	89.0	78.6
Carpeting	227	.22	151.5	125.6	133.5	145.4	155.4	149.7	155.7	152.4	151.3	167.7	171.6	165.7	144.5
Yarns & misc. text.	228,9	.55	114.6	104.4	114.0	111.1	108.9	117.6	120.5	99.1	128.6	122.6	121.4	116.7	110.8
APPAREL PRODUCTS	23	2.79	103.1	100.7	100.1	101.8	100.9	101.6	104.7	100.2	106.7	106.3	106.1	103.8	104.1
LUMBER AND PRODUCTS	24	2.30	124.1	113.5	117.3	120.3	125.0	124.0	128.4	120.4	130.4	131.2	131.5	127.1	120.2
Logging and lumber	241,2	1.05	115.1	101.2	108.8	111.8	112.2	113.3	119.9	107.5	122.1	125.4	122.8	123.0	113.4
Lumber products	243-5,9	1.25	131.6	123.8	124.5	127.5	135.7	132.9	135.5	131.2	137.3	136.0	138.8	130.6	125.9
Millwork & plywood	243	.67	158.8	149.2	144.3	148.3	160.6	158.3	162.2	161.5	165.2	167.5	169.6	160.7	158.1
Manufactured homes	245	.25	88.3	76.8	87.7	91.5	97.9	96.0	96.1	83.2	97.2	92.1	94.9	81.4	64.9
FURNITURE AND FIXTURES	25	1.27	143.8	136.7	147.6	141.3	140.6	138.4	144.3	137.0	149.1	149.4	149.8	145.0	146.7
Household furniture	251	.74	118.9	114.0	126.0	118.5	117.1	115.6	119.5	108.7	122.1	122.8	123.3	119.0	120.4
Fixt., office furn.	252,4,9	.47	185.1	173.8	184.8	179.5	179.9	176.3	185.5	183.3	194.5	193.3	193.6	187.2	189.3
PAPER AND PRODUCTS	26	3.15	136.5	133.8	136.8	136.7	137.6	133.3	140.3	129.6	139.4	138.0	142.4	137.9	131.7
Pulp and paper	261-3	1.33	126.4	123.9	126.9	128.1	126.4	124.8	130.4	120.8	129.2	125.8	127.5	129.2	124.5
Wood pulp	261	.44	122.3	121.7	122.5	121.6	123.6	119.8	125.6	119.1	123.1	121.0	122.3	123.4	123.7
Paper	262	.44	130.2	127.0	131.9	133.8	129.0	126.7	134.3	122.4	133.5	131.1	132.4	134.3	126.3
Paperboard	263	.44	126.8	122.9	126.4	128.9	126.5	128.0	131.1	120.8	131.1	125.3	127.7	129.9	123.6
Converted paper prod.	264	1.03	159.0	155.0	159.6	160.6	156.7	154.9	162.7	148.4	162.2	161.6	166.5	163.2	157.1
Paperboard containers	265	.75	125.7	124.8	125.4	121.4	133.8	121.0	129.7	121.7	128.8	129.6	138.5	121.4	112.0

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4B—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PRINTING & PUBLISHING	27	4.54	151.4	133.8	139.8	141.6	143.8	147.2	154.1	156.9	167.6	167.5	160.2	154.3	149.5
Newspapers	271	1.35	133.5	118.4	129.1	134.5	134.3	137.5	133.6	120.9	128.9	136.4	143.9	147.4	137.6
Period.,books,cards	272,3,7	1.24	151.2	136.8	138.6	140.6	142.2	146.7	153.2	162.9	172.2	169.7	156.3	149.5	146.1
Job printing	274-6,8,9	1.95	163.8	142.5	147.8	147.3	151.3	154.4	168.8	177.9	191.5	187.7	174.1	162.1	159.9
CHEMICALS & PRODUCTS	28	8.05	126.4	118.9	123.4	124.7	125.0	126.8	130.2	127.8	128.5	134.8	128.7	126.0	122.4
Chemicals & syn. mat.	281,2,6	3.86	118.6	114.5	119.9	119.2	119.8	118.4	119.2	116.5	115.9	122.1	120.5	118.5	118.4
Basic chemicals	281	.92	100.0	97.1	104.7	101.3	102.8	102.9	104.4	99.7	96.3	100.5	102.1	96.3	91.9
Alkalies & chlorine	2812	.12	97.1	92.2	100.7	99.4	104.8	100.9	102.8	98.6	92.3	96.2	93.8	89.0	95.1
Industrial Gases	2813	.10	127.0	118.2	126.8	129.1	129.6	126.2	127.5	123.5	128.0	131.4	132.7	132.3	118.3
Inorganic pigments	2816	.08	96.2	88.3	94.7	90.2	99.4	93.3	108.1	98.3	90.9	103.0	93.5	94.4	100.3
Inorganic chem, nec	2819	.62	96.5	95.6	103.1	98.5	98.3	100.6	100.4	96.1	92.4	95.8	99.6	91.9	85.8
Acids & other chem.		.40	95.4	93.3	106.2	96.5	93.4	96.0	100.4	94.8	90.8	96.8	103.3	91.6	82.0
Synthetic materials	282	1.11	149.4	136.7	151.9	151.4	152.3	148.4	150.1	143.5	145.3	160.3	153.0	149.1	150.4
Plastics materials	2821	.59	197.4	174.0	197.0	200.4	199.7	195.4	200.8	191.7	193.3	213.2	205.9	198.5	199.4
Synthetic rubber	2822	.08	96.8	105.1	110.5	109.9	103.5	93.1	89.0	90.9	93.3	100.3	93.1	93.5	80.0
Synthetic fibers	2823,4	.44	95.3	93.1	99.6	94.1	98.4	96.3	94.0	89.3	91.4	101.1	93.9	93.8	98.2
Indust. organic chem.	286	1.83	109.2	109.6	108.2	108.5	108.6	107.9	107.9	108.4	107.8	109.7	110.0	111.1	112.2
Chemical products	283-5,9	3.65	139.3	126.7	130.8	133.8	133.5	139.6	146.4	145.3	147.7	154.0	142.2	139.1	132.4
Drugs & medicines	283	1.41	126.4	114.8	112.9	117.6	118.2	125.1	135.8	139.2	136.4	145.4	129.4	125.0	116.5
Soap & toiletries	284	1.34	168.1	153.2	163.9	162.2	157.0	164.6	168.1	169.5	177.6	185.7	174.1	172.7	168.5
Paints	285	.40	98.6	75.6	85.8	101.6	112.0	116.1	124.4	104.2	108.5	103.3	95.9	85.5	70.3
Agricultural chemicals	287	.54	96.1	98.0	98.9	102.3	104.5	101.4	99.2	90.5	90.1	96.8	96.2	90.9	84.2
PETROLEUM PRODUCTS	29	2.40	86.9	78.9	80.0	79.6	83.8	87.1	90.9	91.8	92.6	88.8	89.3	90.4	90.2
Petroleum refining	291,9	2.21	85.7	79.0	79.8	79.3	83.0	85.9	89.5	90.1	90.4	86.1	87.0	88.5	89.4
Automotive gasoline		.96	91.0	83.7	83.9	85.9	89.9	92.9	96.2	96.2	96.8	89.8	90.3	92.1	94.6
Distillate fuel oil		.43	81.6	79.5	75.9	68.4	75.4	81.3	80.6	80.6	78.8	79.6	88.4	94.5	96.7
Residual fuel oil		.15	49.7	56.6	58.9	54.5	50.7	44.5	39.1	39.2	42.3	45.9	52.1	52.6	60.2
Aviation fuel & keros.		.18	109.4	105.1	110.8	109.3	104.3	100.7	102.1	108.0	108.0	110.9	115.1	121.3	117.3
Misc. petroleum prod.		.48	81.3	66.7	70.5	72.8	78.5	83.7	95.6	96.3	96.8	88.3	79.9	75.3	71.3
Refinery fuel, nec		.09	109.5	92.0	94.8	99.6	106.8	108.0	120.8	122.2	120.0	110.9	109.6	111.6	117.9
Refinery nonfuel mat.		.26	66.2	59.1	66.1	64.0	63.9	65.0	75.8	76.3	74.9	69.4	58.5	59.7	61.6
Refinery products, nec		.13	92.0	64.6	63.0	72.0	87.9	104.0	117.2	117.9	123.8	110.3	102.0	81.5	59.3
RUBBER & PLASTICS PROD.	30	2.80	146.1	137.5	151.2	148.9	147.3	144.7	147.2	136.4	148.7	154.2	152.0	146.4	139.0
Tires	301	.62	109.4	115.6	122.7	121.2	116.7	105.5	106.3	83.7	109.1	121.7	115.6	102.0	92.8
Rub.prod.ex.tires	302-4,6	.51	117.7	109.5	125.0	120.6	117.7	119.6	119.3	110.2	119.9	118.3	120.2	119.3	112.8
Plastics products, nec	307	1.67	168.4	154.2	169.8	167.8	167.8	166.9	170.9	164.0	172.1	177.2	175.3	171.1	164.1
LEATHER AND PRODUCTS	31	.53	68.4	66.5	69.5	70.1	68.4	70.6	69.7	60.0	72.2	71.2	71.8	68.8	62.0
Pers. leather gds	313,5-7,9	.16	78.1	75.6	74.7	76.9	76.1	76.4	77.2	73.1	80.5	82.4	83.8	82.6	77.9
Shoes	314	.29	63.7	61.7	66.2	66.5	63.5	68.0	66.5	53.3	69.4	66.4	67.0	62.4	53.1
CLAY,GLASS & STONE PROD.	32	2.72	114.5	103.3	105.2	108.4	114.8	116.1	119.2	116.4	120.7	120.4	120.7	116.8	111.7
Pressed & blown glass	322	.51	103.0	97.7	99.2	97.1	106.0	104.6	106.7	106.6	109.1	107.0	108.7	103.6	89.2
Glass containers	3221	.30	90.2	86.5	84.4	78.7	95.9	93.9	96.2	95.6	97.9	93.2	98.6	90.7	70.2
Cement	324	.24	101.7	58.8	66.4	90.3	109.5	117.3	125.3	121.0	125.5	123.1	119.6	91.5	71.8
Structural clay prod.	325	.15	113.7	92.6	99.3	106.3	107.9	111.3	122.1	106.9	123.9	125.5	129.8	124.4	114.1
Brick	3251	.07	90.1	76.8	76.5	80.0	89.8	95.4	94.3	97.1	100.1	96.3	100.1	91.1	84.3
Clay sewer pipe	3259	.02	44.2	29.7	29.3	44.1	52.0	55.0	56.7	56.4	47.3	48.1	44.9	36.3	30.9
Clay tile	3253,5	.07	156.3	125.7	141.5	149.8	141.3	142.8	168.0	130.4	168.8	175.9	182.8	181.9	166.7
Concrete and misc.	326-9	1.55	120.3	111.3	113.3	114.9	120.1	121.0	123.0	120.5	124.0	124.1	124.2	123.4	123.7
PRIMARY METALS	33	5.33	80.4	78.3	82.7	88.1	86.3	82.9	84.6	73.2	77.9	78.8	79.7	77.9	74.4
Iron and steel	331,2	3.49	70.4	66.5	70.4	79.7	77.2	73.5	75.7	64.9	68.3	68.3	69.1	67.2	63.8
Basic st. & mill prod.	331	2.60	73.4	69.7	72.4	83.6	79.0	76.3	78.3	68.0	71.0	71.3	71.1	71.0	69.1
Basic iron and steel		1.11	64.3	61.9	66.4	71.1	70.4	68.6	66.7	61.5	61.8	61.7	62.0	61.5	58.2
Pig iron		.42	61.6	57.5	62.5	67.9	67.6	66.0	64.4	59.6	59.6	58.1	58.8	59.9	56.9
Raw steel		.51	70.2	68.0	73.5	79.2	77.3	74.7	71.9	65.9	66.5	67.6	68.8	66.7	62.1
Steel mill products		1.49	80.1	75.5	76.8	92.9	85.4	81.9	86.8	72.9	77.8	78.4	77.8	78.0	77.3
Consumer dur. steel		.38	61.3	67.5	64.2	72.6	66.0	63.3	64.8	51.5	55.8	59.6	61.4	59.9	48.6
Equipment steel		.36	47.0	45.0	45.4	57.5	53.6	48.3	49.2	40.9	48.1	45.7	44.6	43.7	41.7
Construction steel		.19	76.9	67.2	66.4	86.8	76.1	79.2	88.7	74.1	78.4	81.9	77.1	76.3	71.3
Can & closure steel		.10	60.2	56.5	58.1	64.8	59.9	59.8	68.9	60.2	66.9	63.2	51.9	52.9	59.7
Misc. steel		.46	127.0	113.4	119.9	145.7	135.4	129.3	137.3	117.5	121.1	121.1	123.1	125.7	134.8
Iron & steel foundries	332	.89	61.5	57.1	64.7	68.2	71.8	65.5	68.1	55.7	60.5	59.5	63.2	56.2	48.0
Nonferrous metals	333-6,9	1.85	99.3	100.4	106.0	103.9	103.4	100.6	101.5	89.0	96.0	98.7	99.7	98.0	94.5
Primary nonf. metals	333	.51	90.7	95.9	98.2	96.8	98.1	95.5	89.9	83.0	87.9	86.0	87.5	83.9	86.4
Copper	3331	.13	92.1	94.3	93.9	92.4	106.5	100.6	88.0	85.0	86.5	77.2	91.2	95.8	93.2
Aluminum	3334	.28	84.9	93.9	91.4	88.2	87.2	86.9	85.2	83.5	82.7	82.8	81.5	78.4	77.5
Secondary nonf. mtls.	334	.11	71.8	67.7	77.2	74.2	72.4	68.7	70.7	65.3	69.4	77.0	77.6	75.1	65.7
Nonferrous products	335,6	1.12	105.6	105.7	112.3	109.7	108.8	105.8	109.2	93.1	102.4	106.1	107.1	106.3	100.4
Nonf. mill products	335	.84	96.5	97.6	103.6	98.5	99.9	97.6	97.8	89.4	94.1	98.2	97.7	93.4	90.2
Copper mill prod.	3351	.14	97.9	107.8	135.8	107.7	100.9	91.4	95.1	77.5	84.0	105.5	96.0	92.9	79.7
Alum. mill prod.	3353-5	.32	101.3	94.2	101.4	97.9	107.0	107.5	106.4	98.7	105.2	103.8	107.4	95.8	90.5
Construction		.09	108.2	101.3	111.1	104.4	125.4	116.0	102.8	98.6	111.1	106.4	119.9	109.5	91.8
Misc. alum. mats.		.23	98.6	91.3	97.6	95.4	99.7	104.2	107.8	98.7	102.9	102.8	102.5	90.4	89.9
Nonferrous foundries	336	.28	133.0	130.0	138.4	143.6	135.6	130.5	143.6	104.5	127.3	130.2	135.6	145.4	131.2

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4B—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PRINTING & PUBLISHING	27	4.54	160.9	144.4	146.5	147.6	152.4	154.6	164.7	169.7	178.3	176.2	173.4	164.0	159.5
Newspapers	271	1.35	139.6	126.2	133.5	136.4	142.4	143.1	140.0	129.1	136.5	143.1	151.4	152.5	141.0
Period.,books,cards	272,3,7	1.24	156.7	144.8	143.8	142.1	145.6	151.1	159.5	169.5	179.8	172.6	162.7	156.9	152.4
Job printing	274-6,8,9	1.95	178.4	156.7	157.3	158.8	163.5	164.7	185.0	198.0	206.3	201.4	195.5	176.4	176.7
CHEMICALS & PRODUCTS	28	8.05	132.0	125.2	129.1	127.3	130.5	131.3	136.2	134.7	135.0	138.7	135.4	130.6	129.6
Chemicals & syn. mat.	281,2,6	3.86	123.8	121.0	125.1	121.6	123.2	123.2	124.6	121.1	121.5	127.5	126.1	124.6	126.1
Basic chemicals	281	.92	98.9	97.8	106.8	98.0	98.0	101.3	100.4	94.5	94.0	103.9	99.3	95.6	97.3
Alkalies & chlorine	2812	.12	97.5	91.8	98.1	98.9	99.2	98.1	101.7	98.7	97.5	100.6	92.2	92.6	100.3
Industrial Gases	2813	.10	128.3	127.0	133.1	128.3	129.5	128.1	127.7	124.5	127.3	130.4	127.1	128.7	128.4
Inorganic pigments	2816	.08	99.6	97.6	103.4	96.0	105.0	105.1	98.9	101.7	93.4	103.0	96.3	93.1	102.4
Inorganic chem, nec	2819	.62	94.1	94.1	104.5	93.1	91.5	96.9	95.7	87.8	87.8	100.2	96.3	91.0	90.8
Acids & other chem.		.40	95.8	94.8	112.1	93.3	91.8	99.8	98.1	85.6	85.7	105.3	99.8	91.8	91.2
Synthetic materials	282	1.11	162.6	154.2	163.4	159.2	164.4	159.9	162.7	156.8	159.1	170.3	168.4	163.9	168.3
Plastics materials	2821	.59	220.0	205.3	215.5	212.6	221.4	215.2	222.3	212.7	217.5	231.9	230.7	226.9	228.1
Synthetic rubber	2822	.08	96.5	101.2	106.6	112.0	112.4	105.6	103.9	95.0	84.6	91.1	91.0	77.5	76.8
Synthetic fibers	2823,4	.44	98.5	96.2	104.7	97.2	98.5	96.7	94.4	94.2	95.3	103.1	100.1	96.3	105.8
Indust. organic chem.	286	1.83	112.7	112.4	111.0	110.5	110.8	111.9	113.7	112.8	112.5	113.3	113.7	115.3	115.0
Chemical products	283-5,9	3.65	147.5	136.3	139.3	138.6	143.5	145.9	155.9	157.6	158.1	158.3	152.5	143.7	139.8
Drugs & medicines	283	1.41	134.8	118.0	119.8	121.7	129.6	129.1	144.9	150.7	148.4	150.0	144.1	130.9	130.3
Soap & toiletries	284	1.34	182.9	172.7	178.0	174.4	173.7	180.8	189.4	192.8	192.7	196.0	187.0	181.2	175.8
Paints	285	.40	100.1	81.6	93.4	100.8	116.7	116.9	119.3	105.6	113.4	100.8	98.1	86.0	69.0
Agricultural chemicals	287	.54	85.7	79.9	88.3	91.7	94.3	91.3	85.4	77.4	76.0	86.3	86.9	84.9	85.8
PETROLEUM PRODUCTS	29	2.40	92.6	88.9	85.3	83.3	88.7	96.2	96.6	95.8	98.5	97.0	92.8	94.6	94.1
Petroleum refining	291,9	2.21	91.0	88.7	84.9	82.8	87.8	94.4	94.5	93.5	96.0	94.3	89.8	92.3	92.8
Automotive gasoline		.96	96.0	92.7	89.5	86.2	92.4	100.8	101.0	99.2	101.0	98.1	94.4	97.9	98.9
Distillate fuel oil		.43	85.2	88.3	78.1	80.6	84.9	87.0	83.3	82.6	89.1	87.1	82.8	88.8	89.6
Residual fuel oil		.15	50.6	53.3	48.9	46.2	52.9	52.1	46.7	48.5	51.2	48.8	47.2	55.6	56.4
Aviation fuel & keros.		.18	119.7	127.0	127.4	119.5	107.6	108.9	115.1	117.8	117.3	120.1	121.3	123.1	131.7
Misc. petroleum prod.		.48	88.3	78.1	77.6	76.2	84.8	96.2	99.3	97.2	98.5	98.1	88.8	84.6	80.7
Refinery fuel, nec		.09	122.4	122.9	117.6	113.4	116.1	124.3	128.6	124.9	133.3	128.6	119.3	119.2	121.1
Refinery nonfuel mat.		.26	73.3	71.7	70.0	67.7	71.5	77.6	77.6	75.2	72.5	77.0	71.9	71.4	75.3
Refinery products, nec		.13	95.0	60.7	65.9	67.9	89.8	113.7	122.2	121.6	126.1	118.8	101.5	87.3	64.2
RUBBER & PLASTICS PROD.	30	2.80	151.4	141.2	155.4	151.4	146.5	149.2	154.0	145.0	154.7	158.0	159.4	153.3	148.2
Tires	301	.62	106.4	106.4	115.1	112.8	106.5	98.9	101.9	91.9	107.3	109.6	117.2	109.1	100.3
Rub.prod.ex.tires	302-4,6	.51	120.7	113.0	126.1	122.6	107.3	122.5	123.2	115.8	124.1	126.5	125.5	121.1	120.4
Plastics products, nec	307	1.67	177.4	162.8	179.3	174.5	173.4	176.0	182.7	173.6	181.7	185.7	185.5	179.6	174.4
LEATHER AND PRODUCTS	31	.53	61.4	63.9	66.8	64.6	62.1	61.0	59.0	53.8	63.3	60.5	62.6	62.6	56.5
Pers. leather gds	313,5-7,9	.16	73.4	73.4	73.6	74.0	72.6	72.0	73.9	64.9	72.4	74.4	76.4	76.6	77.1
Shoes	314	.29	55.6	59.1	64.6	60.5	57.2	56.1	51.2	48.4	59.9	53.8	56.2	55.7	44.4
CLAY,GLASS & STONE PROD.	32	2.72	118.2	110.4	111.9	115.2	120.2	119.6	122.5	118.6	122.6	123.0	121.8	118.9	114.1
Pressed & blown glass	322	.51	107.5	99.3	110.7	107.7	110.9	108.6	114.7	107.5	112.3	109.2	112.0	106.6	90.3
Glass containers	3221	.30	95.1	88.8	101.6	98.3	101.4	96.9	103.8	98.5	100.2	94.4	99.3	90.0	68.3
Cement	324	.24	102.3	67.0	68.9	87.9	110.0	111.9	123.2	118.2	124.6	119.9	122.5	97.0	76.2
Structural clay prod.	325	.15	129.4	104.7	115.4	115.9	126.9	129.7	133.8	126.0	139.4	141.8	138.6	141.5	138.5
Brick	3251	.07	93.2	79.8	81.6	84.3	96.3	92.5	97.9	98.9	96.4	100.7	104.5	92.3	93.1
Clay sewer pipe	3259	.02	31.9	24.6	27.0	20.6	34.1	34.5	34.5	37.3	35.5	35.0	36.2	33.9	29.2
Clay tile	3253,5	.07	192.3	151.5	173.5	173.7	183.0	193.2	196.9	177.5	211.1	212.3	200.7	220.3	214.0
Concrete and misc.	326-9	1.55	122.6	119.6	117.5	121.1	124.4	123.5	123.9	120.9	124.3	126.1	123.0	123.6	123.6
PRIMARY METALS	33	5.33	75.1	79.1	81.6	81.1	83.1	80.5	76.0	67.8	69.3	70.8	71.7	72.4	67.9
Iron and steel	331,2	3.49	63.4	68.7	70.4	69.3	72.0	68.4	64.5	58.9	57.3	57.4	58.5	59.7	55.5
Basic st. & mill prod.	331	2.60	68.8	76.9	78.0	76.6	77.8	74.5	70.0	64.5	61.2	61.1	61.2	63.6	59.7
Basic iron and steel		1.11	57.8	66.5	68.1	67.4	68.5	64.2	59.6	53.4	47.4	48.4	50.6	50.4	49.2
Pig iron		.42	54.0	62.3	64.2	62.9	65.0	62.1	55.4	51.1	43.0	44.6	45.8	46.4	45.6
Raw steel		.51	64.3	73.8	75.7	75.2	76.3	69.5	65.2	59.5	53.3	54.2	57.6	56.5	54.7
Steel mill products		1.49	76.9	84.6	85.4	83.4	84.8	82.1	77.7	72.8	71.5	70.5	69.0	73.4	67.4
Consumer dur. steel		.38	57.2	66.1	68.1	63.5	65.5	63.3	57.4	48.8	49.2	51.0	51.3	54.9	47.0
Equipment steel		.36	40.2	48.2	47.1	47.0	44.7	43.0	40.0	36.2	39.1	35.5	33.9	34.3	33.8
Construction steel		.19	73.2	78.3	78.2	76.6	81.8	81.1	77.8	74.4	72.8	65.5	64.6	66.5	60.9
Can & closure steel		.10	59.4	55.8	58.6	64.2	67.7	63.6	63.3	66.1	65.4	58.9	49.4	52.3	47.5
Misc. steel		.46	126.9	136.7	138.1	134.9	136.7	132.3	126.7	122.0	115.8	118.2	116.9	126.4	117.4
Iron & steel foundries	332	.89	47.6	44.8	48.2	47.8	54.7	50.5	48.2	42.3	45.7	46.7	50.8	48.4	43.3
Nonferrous metals	333-6,9	1.85	97.2	98.6	102.8	103.3	104.0	103.2	97.6	84.5	91.9	95.9	96.6	96.2	91.4
Primary nonf. metals	333	.51	80.8	87.9	86.2	86.8	87.2	87.9	78.1	70.2	75.2	75.4	77.2	77.8	79.9
Copper	3331	.13	91.9	93.4	90.2	89.6	95.1	96.2	94.0	86.2	88.6	89.2	91.8	92.6	95.8
Aluminum	3334	.28	73.8	78.1	79.6	80.3	81.2	81.3	71.5	66.2	67.3	68.1	69.6	70.7	72.1
Secondary nonf. mtls.	334	.11	75.9	69.4	82.6	80.4	81.2	79.7	77.5	67.3	77.0	74.8	74.2	78.4	68.8
Nonferrous products	335,6	1.12	106.3	106.4	112.8	113.4	114.0	112.6	107.8	91.8	100.4	106.6	106.9	105.3	97.9
Nonf. mill products	335	.84	94.7	92.4	96.5	100.7	102.0	101.4	94.9	84.9	91.5	96.4	94.2	90.9	90.3
Copper mill prod.	3351	.14	90.0	78.4	86.4	101.4	102.5	106.3	90.5	71.6	85.6	106.0	89.4	80.8	81.3
Alum. mill prod.	3353-5	.32	103.7	98.9	107.5	111.8	115.9	113.6	107.3	95.9	100.6	101.2	103.0	96.1	92.5
Construction		.09	105.3	101.9	109.7	106.6	113.0	107.4	113.7	101.7	104.5	104.6	109.4	99.9	91.4
Misc. alum. mats.		.23	103.1	97.8	106.7	113.9	117.1	116.0	104.9	93.6	99.0	99.8	100.5	94.6	93.0
Nonferrous foundries	336	.28	141.4	148.3	161.7	151.4	150.4	146.5	146.5	112.5	127.3	137.4	145.1	148.7	120.8

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4B—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1985 Ann. Avg.	1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FABRICATED METAL PRODUCTS	34	6.46	107.1	101.9	106.5	107.5	107.7	107.0	108.1	104.7	108.7	109.7	109.1	108.0	106.6
Metal containers	341	.52	83.5	74.7	80.7	81.9	82.5	82.2	86.3	84.2	91.3	89.9	84.6	83.0	80.7
Hardware,tools,cutlery	342	.73	100.9	96.4	106.3	103.5	100.9	101.7	101.7	96.8	102.1	102.9	101.4	99.8	97.8
Structural metal prod.	344	1.67	108.0	101.9	100.0	103.1	103.9	106.7	109.9	108.7	111.5	112.8	112.7	111.9	112.4
Fasteners, stamp, etc.	345-7	1.95	109.8	102.5	112.1	114.0	115.7	110.5	109.1	105.3	110.3	111.2	111.4	109.5	106.0
NONELECTRICAL MACHINERY	35	9.54	146.2	139.3	144.3	144.6	144.4	146.4	147.9	149.1	152.9	152.3	144.3	146.4	142.8
Engine & farm equip.	351,2	1.48	61.8	64.2	64.3	65.0	63.6	62.6	61.9	59.5	58.6	59.3	59.3	61.0	62.5
Construct. & allied eq.	353	1.68	73.5	73.9	76.3	73.8	72.6	72.1	74.8	74.2	74.3	74.3	70.9	72.7	71.8
Metalworking machinery	354	1.24	126.8	120.1	130.0	124.5	124.7	124.6	125.2	128.7	130.7	133.7	126.1	126.6	126.2
Spec. & genl. ind. eq.	355,6	2.12	96.6	95.2	97.6	98.7	96.6	97.6	99.0	94.6	97.5	99.1	94.4	94.6	93.9
Office, serv, & misc.	357-9	3.02	271.2	251.5	260.4	263.9	266.0	272.4	274.7	281.6	291.3	286.5	269.5	274.1	263.1
ELECTRICAL MACHINERY	36	7.15	168.3	171.5	171.8	173.4	167.5	168.2	170.5	160.4	165.8	167.4	169.1	168.9	165.7
Major elect. eq.& pts	361,2	1.27	93.2	90.9	92.9	92.5	91.5	92.1	94.7	93.9	96.5	97.3	93.0	92.6	90.7
Household appliances	363	.75	119.6	119.0	120.9	133.5	123.3	122.9	129.2	104.5	113.2	119.5	129.2	118.4	101.6
Cooking equipment	3631	.11	197.0	209.8	192.0	258.8	208.9	237.6	223.2	143.3	174.4	169.2	186.9	209.8	149.7
Refrigeration appl.	3632	.17	94.2	81.3	90.2	99.5	98.5	102.4	117.1	102.6	80.7	102.0	103.9	83.3	69.3
Laundry appliances	3633	.12	127.7	128.2	139.2	136.4	124.6	117.6	131.2	117.1	125.0	126.5	152.8	118.4	115.5
Misc. appliances	3634-6,9	.35	104.4	105.0	106.6	109.1	107.7	98.2	104.5	88.7	105.1	109.7	114.9	106.0	97.0
TV and radio sets	365	.44	144.3	121.4	138.6	136.1	133.8	142.3	141.6	123.7	155.3	145.0	181.9	175.9	136.1
Communication equipment	366	2.01	216.5	215.5	214.1	218.4	215.0	215.2	218.1	212.9	214.2	215.3	215.5	220.4	222.9
Electronic components	367	1.31	257.4	289.3	279.9	276.1	262.5	262.6	261.2	242.3	246.1	243.3	240.7	241.9	243.2
TV tubes	3671-3	.13	117.6	124.1	127.1	120.6	119.7	136.2	109.2	90.6	118.4	115.9	130.2	130.8	89.0
Misc. electrical supp.	369	.70	121.7	122.1	120.8	120.4	114.3	114.2	120.0	111.5	120.2	127.7	129.6	126.1	132.9
Storage battery,repl.	3691	.13	123.5	108.9	124.1	100.3	86.9	89.0	109.9	97.1	133.7	161.0	160.9	147.6	162.4
TRANSPORTATION EQUIPMENT	37	9.13	122.8	118.6	120.1	123.9	122.5	124.0	126.8	113.8	117.9	125.3	128.6	128.7	122.8
Motor vehicles & parts	371	5.26	111.9	110.8	113.5	117.2	115.1	116.4	119.7	99.3	103.5	112.7	117.8	114.8	102.3
Autos, total		1.82	112.9	117.8	119.6	126.5	123.0	121.5	124.6	96.6	90.7	109.5	119.4	115.5	89.6
Consumer		1.16	98.9	103.2	104.8	110.9	107.8	106.5	109.2	84.7	79.5	95.9	104.7	101.2	78.5
Business		.66	137.6	143.6	145.9	154.3	150.0	148.2	151.9	117.8	110.6	133.5	145.6	140.9	109.2
Trucks and buses		1.03	126.7	114.2	130.7	132.6	128.9	135.4	142.6	98.0	126.7	131.8	141.3	132.4	105.5
Business vehicles		.41	111.9	100.9	115.5	117.8	121.6	122.9	126.9	86.0	109.4	110.7	122.4	113.2	94.9
Consumer trucks		.63	136.3	122.9	140.7	142.3	133.6	143.5	152.7	105.9	137.9	145.5	153.6	144.9	112.4
Truck trailers	3715	.09	142.3	118.2	142.1	147.8	140.6	145.8	147.6	123.8	144.9	152.4	144.3	148.4	151.9
Motor vehicle parts	3714	2.31	103.4	103.4	99.7	101.7	101.7	102.6	104.5	101.1	101.6	105.2	104.9	105.0	108.9
Aircraft and parts	372	2.09	144.2	133.4	133.3	137.8	136.5	139.1	142.7	140.9	144.6	150.5	153.5	158.0	159.5
Ships and boats	373	.66	84.1	84.3	85.4	87.5	87.1	85.9	84.6	79.4	78.5	80.5	83.4	84.8	88.0
Rail & misc trans eq.	374-6,9	1.11	156.7	148.3	147.2	151.4	152.1	154.3	155.5	151.9	158.7	164.1	159.7	165.8	171.8
Railroad equipment	374	.27	31.2	35.4	18.8	24.6	26.8	26.1	25.7	29.8	35.4	47.8	39.0	33.3	31.9
INSTRUMENTS	38	2.66	139.3	135.3	135.2	136.9	135.2	138.1	142.8	141.8	143.6	143.8	139.6	139.5	139.4
Equipment instr.& pts	381-4	1.52	157.7	150.7	151.4	153.9	151.7	156.0	161.8	162.0	164.3	165.8	159.1	158.2	157.5
MISC. MANUFACTURES	39	1.46	96.1	90.4	95.1	94.4	94.1	94.5	98.6	96.3	103.0	103.0	99.1	93.0	91.7
Misc. cons. goods	391,3,4,6	.84	92.6	88.6	90.7	92.3	91.0	92.1	94.9	90.9	98.7	98.5	97.1	88.3	87.6
Misc. bus. supplies	395,9	.62	101.0	92.8	101.2	97.3	98.3	97.9	103.7	103.6	108.8	109.1	102.0	99.4	97.3
ELECTRIC UTILITIES	491	4.17	119.7	125.6	132.1	114.1	109.1	108.0	120.6	126.3	127.7	127.0	110.4	112.1	123.3
Elec. util. generation		1.76	115.5	125.2	120.5	107.0	105.0	108.1	116.7	125.1	124.9	115.3	107.3	109.7	120.7
Fossil fuel generation		1.41	109.0	116.8	111.4	99.0	98.5	100.7	110.6	120.8	121.9	109.7	102.1	102.4	113.9
Hydro & nuclear gener.		.35	141.4	159.1	156.9	139.0	131.2	137.7	141.1	142.5	137.0	137.7	128.1	138.6	147.7
Elec. util. sales		2.41	122.8	125.9	140.6	119.4	112.1	107.8	123.5	127.1	129.8	135.6	112.6	113.8	125.3
Residential elec.		.95	123.7	141.7	158.4	120.6	106.2	97.0	114.9	130.3	134.5	134.7	105.5	107.7	132.4
Nonresidential elec.		1.46	122.2	115.7	129.0	118.6	115.9	114.9	129.1	125.1	126.7	136.2	117.2	117.8	120.6
Industrial elec.		.68	107.1	100.7	112.1	107.4	106.4	105.0	113.4	104.4	109.0	115.4	103.5	104.4	103.2
Commercial & other elec.		.78	135.4	128.7	143.6	128.2	124.2	123.5	142.8	143.0	142.1	154.3	129.1	129.5	135.8

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 4B—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1977 = 100

Series	SIC Code	1977 Proportion	1986 Ann. Avg.	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
FABRICATED METAL PRODUCTS	34	6.46	108.0	105.0	108.6	107.9	108.1	106.5	108.9	104.9	108.1	110.7	110.5	108.2	108.8
Metal containers	341	.52	88.2	81.1	84.8	82.0	90.2	87.8	92.7	89.9	91.8	95.1	90.0	86.8	85.7
Hardware,tools,cutlery	342	.73	101.9	95.0	100.8	100.6	99.5	99.0	105.1	101.5	106.4	107.9	106.9	100.1	99.7
Structural metal prod.	344	1.67	108.7	107.1	104.2	105.3	106.1	108.5	109.8	108.4	111.1	112.6	110.7	109.7	110.3
Fasteners, stamp, etc.	345-7	1.95	112.5	107.8	118.8	116.0	115.1	109.0	111.9	106.2	109.3	112.6	117.0	113.2	113.0
NONELECTRICAL MACHINERY	35	9.54	145.0	142.6	145.0	143.4	139.7	140.6	146.8	148.7	152.2	151.2	147.2	142.7	139.8
Engine & farm equip.	351,2	1.48	60.2	63.1	63.4	63.0	62.9	60.7	60.9	58.4	57.4	58.0	57.4	57.8	59.7
Construct. & allied eq.	353	1.68	69.9	69.4	71.0	67.1	65.1	68.4	71.9	69.6	71.7	73.2	70.4	68.9	71.7
Metalworking machinery	354	1.24	133.4	129.1	134.7	133.5	130.4	129.5	136.0	133.0	138.9	140.2	139.0	128.9	128.1
Spec. & genl. ind. eq.	355,6	2.12	96.4	91.0	96.1	96.3	95.7	96.2	97.1	95.6	97.3	99.3	98.3	96.6	96.6
Office, serv, & misc.	357-9	3.02	267.5	264.3	265.1	262.6	253.7	255.8	270.0	280.8	287.8	281.7	272.0	263.8	252.4
ELECTRICAL MACHINERY	36	7.15	165.7	163.1	162.4	162.3	164.4	163.0	162.0	161.4	166.2	169.1	172.9	171.2	170.0
Major elect. eq.& pts	361,2	1.27	94.8	93.3	94.2	94.6	94.7	96.8	98.8	96.9	97.0	96.3	94.2	90.4	90.4
Household appliances	363	.75	127.0	120.1	129.7	126.3	134.7	122.2	127.8	113.8	122.4	133.6	145.6	128.4	119.2
Cooking equipment	3631	.11	205.8	196.8	205.1	190.7	199.3	216.2	223.2	175.9	194.0	222.1	232.2	214.4	139.6
Refrigeration appl.	3632	.17	110.1	96.3	118.1	114.9	134.6	109.7	123.5	109.7	88.2	111.3	127.5	100.6	86.6
Laundry appliances	3633	.12	145.5	138.8	148.0	142.1	159.0	134.0	135.0	137.3	148.3	147.8	177.1	138.5	140.6
Misc. appliances	3634-6,9	.35	103.8	100.9	105.2	106.0	106.0	94.5	97.3	86.3	107.1	111.2	116.0	110.8	101.9
TV and radio sets	365	.44	151.1	142.2	136.8	126.9	138.9	143.9	134.6	143.5	169.1	157.2	191.2	183.8	145.7
Communication equipment	366	2.01	213.2	210.2	207.1	209.0	210.1	210.2	202.0	210.7	213.1	216.5	217.5	220.8	230.7
Electronic components	367	1.31	238.8	239.2	237.1	238.2	239.4	236.8	236.4	230.7	236.6	239.2	241.6	245.5	244.7
TV tubes	3671-3	.13	122.4	135.3	130.1	118.5	139.6	117.2	101.2	107.2	106.7	95.2	155.7	154.0	108.2
Misc. electrical supp.	369	.70	122.2	121.7	114.4	114.8	113.9	118.6	118.0	116.0	124.8	129.9	130.8	133.3	130.3
Storage battery,repl.	3691	.13	127.9	114.5	96.9	98.8	102.7	106.7	107.0	112.3	149.6	163.0	167.5	171.5	144.4
TRANSPORTATION EQUIPMENT	37	9.13	127.5	130.1	131.7	128.6	131.3	129.4	132.1	116.0	119.5	128.6	129.8	128.1	124.3
Motor vehicles & parts	371	5.26	111.5	115.7	120.6	114.6	118.5	115.0	120.6	95.4	99.2	112.5	114.1	109.4	101.9
Autos, total		1.82	111.0	120.2	128.4	116.6	123.7	116.5	127.4	82.4	84.8	108.3	118.9	110.1	95.4
Consumer		1.16	97.3	105.3	112.5	102.2	108.3	102.0	111.6	72.2	74.3	94.9	104.2	96.4	83.6
Business		.66	135.4	146.5	156.5	142.2	150.8	142.0	155.3	100.5	103.4	132.1	144.9	134.2	116.3
Trucks and buses		1.03	131.0	130.1	141.5	131.5	143.1	139.9	145.2	109.5	124.3	142.4	134.2	124.0	106.5
Business vehicles		.41	114.5	125.7	126.7	111.6	126.0	119.8	126.6	92.9	108.5	119.2	116.5	110.7	90.3
Consumer trucks		.63	141.8	133.0	151.1	144.5	154.2	153.0	157.3	120.3	134.7	157.5	145.8	132.6	117.0
Truck trailers	3715	.09	129.2	109.9	119.7	135.3	131.6	136.4	142.1	123.4	137.9	139.1	127.9	123.9	123.5
Motor vehicle parts	3714	2.31	102.3	105.9	105.1	104.5	103.0	101.8	103.3	98.1	97.8	101.4	100.7	101.8	104.0
Aircraft and parts	372	2.09	161.5	160.6	159.0	158.8	159.2	159.9	159.7	155.2	158.7	163.1	164.6	169.1	170.4
Ships and boats	373	.66	84.5	87.1	83.7	84.6	85.9	86.0	83.6	82.3	82.0	84.5	84.6	85.1	84.9
Rail & misc trans eq.	374-6,9	1.11	164.6	166.7	161.1	164.6	166.4	165.8	163.6	159.6	163.6	165.8	165.9	164.5	167.0
Railroad equipment	374	.27	22.9	21.1	9.2	19.0	31.6	30.8	22.5	19.7	22.1	31.5	32.1	18.5	17.0
INSTRUMENTS	38	2.66	139.8	137.5	138.6	139.7	138.5	137.4	140.6	140.4	142.8	143.2	140.2	138.7	139.4
Equipment instr.& pts	381-4	1.52	164.1	155.4	158.3	160.2	159.7	160.3	166.6	167.6	171.5	172.8	166.7	164.4	165.1
MISC. MANUFACTURES	39	1.46	100.1	94.2	100.7	98.1	97.0	99.7	100.9	98.6	104.3	106.3	104.0	99.3	97.8
Misc. cons. goods	391,3,4,6	.84	96.5	91.6	95.1	96.0	93.8	95.4	98.9	93.6	100.5	103.8	101.1	94.7	94.2
Misc. bus. supplies	395,9	.62	104.9	97.7	108.3	101.1	101.3	105.5	103.7	105.6	109.6	109.7	108.0	105.5	102.7
ELECTRIC UTILITIES	491	4.17	122.4	126.9	127.4	114.4	116.4	109.2	126.0	136.1	133.4	125.4	114.8	116.9	121.7
Elec. util. generation		1.76	116.2	119.9	117.0	107.9	106.0	108.6	122.4	134.0	124.1	117.4	108.5	111.4	117.0
Fossil fuel generation		1.41	107.8	113.7	107.5	97.9	95.0	99.1	115.8	130.0	118.5	109.5	99.7	101.7	105.4
Hydro & nuclear gener.		.35	149.6	145.0	155.0	147.7	149.9	146.6	148.7	149.8	146.6	149.1	143.6	150.1	163.5
Elec. util. sales		2.41	126.9	132.0	134.9	119.1	124.0	109.7	128.6	137.6	140.1	131.2	119.5	120.9	125.2
Residential elec.		.95	128.7	152.2	143.8	120.3	118.3	100.5	121.0	147.7	147.8	130.1	115.6	112.7	134.2
Nonresidential elec.		1.46	125.8	118.9	129.2	118.4	127.7	115.7	133.6	131.1	135.1	131.8	122.0	126.2	119.4
Industrial elec.		.68	105.8	98.1	109.7	105.1	115.1	101.9	108.5	103.3	107.2	108.1	104.3	108.7	99.0
Commercial & other elec.		.78	143.2	137.0	146.1	129.9	138.6	127.7	155.4	155.4	159.5	152.5	137.4	141.5	137.0

Note: Seasonally adjusted industry totals are not aggregated from the seasonally adjusted components, but result from independent seasonal adjustment of the aggregated not seasonally adjusted components.

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Table 5

INDUSTRIAL PRODUCTION: INDEXES, 1977 = 100

Quarterly averages, seasonally adjusted

SERIES	Quarterly Averages of Monthly Indexes									
	1984 Q3	Q4	1985 Q1	Q2	Q3	Q4	1986 Q1	Q2	Q3	Q4
Industrial production	122.7	122.5	122.9	123.4	124.0	124.7	125.2	124.4	124.8	125.9
Products, total	128.0	128.7	128.9	130.2	131.2	132.1	132.9	132.5	133.3	134.5
Final products	128.7	129.3	129.5	130.6	131.6	132.3	132.6	131.6	132.4	133.3
Consumer goods	118.1	118.8	118.5	119.0	120.3	121.4	122.6	123.8	124.4	125.4
Durable consumer goods	112.5	112.6	111.5	111.9	113.3	113.2	113.9	114.3	116.5	117.9
Automotive products	109.5	109.0	112.9	112.7	116.5	114.7	113.9	115.1	116.9	115.3
Home goods	114.7	115.3	110.4	111.3	110.9	112.0	113.9	113.6	116.2	119.9
Nondurable consumer goods	120.2	121.1	121.1	121.6	122.8	124.4	125.9	127.3	127.3	128.2
Equipment, total	142.6	143.4	144.1	146.0	146.7	146.7	145.8	142.1	143.0	143.7
Business & defense equipment	141.5	142.6	144.2	146.6	147.3	148.1	148.5	146.9	148.4	148.7
Business equipment	137.1	137.8	138.8	140.6	140.6	140.8	140.9	138.4	139.4	139.2
Defense and space equipment	158.8	161.3	165.3	169.8	173.4	176.9	178.5	180.2	183.6	185.8
Intermediate products	125.8	126.5	126.8	128.8	129.9	131.4	134.1	135.5	136.8	138.5
Construction supplies	114.5	115.0	116.3	118.4	120.2	121.6	125.4	125.5	126.9	127.7
Business supplies	135.4	136.3	135.7	137.7	138.2	139.8	141.6	143.9	145.1	147.7
Commercial energy products	119.3	120.6	121.1	121.7	122.2	123.8	125.5	128.7	127.4	129.6
Materials	115.5	114.1	114.7	114.1	114.0	114.5	114.7	113.3	113.0	114.3
Durable goods materials	123.1	123.1	123.0	121.8	120.8	121.3	121.0	119.4	119.0	120.7
Basic metal materials	85.5	84.3	84.2	84.1	84.3	86.5	82.0	79.1	77.5	80.2
Nondurable goods materials	111.7	110.7	110.5	111.2	113.2	113.9	115.2	116.5	118.3	120.3
Textile, paper, & chem materials	112.4	110.5	111.1	111.2	113.3	114.2	115.5	116.7	118.9	120.9
Textile materials	102.3	95.0	93.1	94.9	98.8	102.6	102.4	103.6	105.9	106.2
Pulp and paper materials	128.0	125.7	125.8	122.6	123.4	124.6	128.5	131.0	134.1	137.0
Chemical materials	110.4	110.6	112.1	112.8	114.7	114.5	115.5	116.1	118.1	120.3
Energy materials	105.4	101.1	103.8	103.3	103.0	103.1	103.3	99.7	98.1	97.8
Manufacturing	124.7	124.9	125.1	126.1	126.8	127.4	128.4	128.5	129.2	130.4
Durable	125.9	126.4	126.8	127.6	127.9	128.3	128.7	127.7	128.2	129.1
Nondurable	122.9	122.9	122.7	124.0	125.2	126.3	128.0	129.6	130.7	132.1
Mining and Utilities	112.2	109.5	111.1	109.4	109.2	109.2	108.4	102.8	100.8	101.5
Mining	113.7	108.6	109.9	110.0	108.3	107.5	107.6	100.3	96.8	96.9
Utilities	109.7	110.8	113.0	108.4	110.9	112.2	109.8	107.0	107.3	109.1

Table 6A

INDUSTRIAL PRODUCTION: GROSS VALUE OF PRODUCTS

1985

Billions of 1982 dollars at annual rates, seasonally adjusted, monthly

SERIES	1982 Dollars	1985 Ann. Avg.	Billions of 1982 Dollars at Annual Rates											
			1985 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Products, total	1376.8	1646.5	1617.6	1629.5	1640.1	1637.2	1648.0	1643.1	1638.2	1655.1	1648.2	1656.5	1674.5	1669.9
Final products	1084.5	1280.0	1261.6	1272.8	1276.4	1273.9	1281.1	1275.7	1271.7	1286.7	1279.7	1284.3	1300.8	1295.9
Consumer goods	703.7	818.5	805.5	814.0	816.0	810.9	815.4	813.9	813.6	824.9	815.8	824.0	834.2	835.0
Durable consumer goods	133.3	195.1	191.4	191.6	194.6	191.2	194.8	194.7	194.9	202.6	197.4	196.7	198.6	194.0
Automotive products	65.9	108.1	105.6	105.9	107.3	104.3	107.5	107.3	108.1	115.5	110.9	109.8	111.0	105.7
Home goods	67.4	87.0	85.7	85.7	87.4	86.9	87.4	87.3	86.8	87.1	86.5	87.0	87.6	88.3
Nondurable consumer goods	570.4	623.4	614.1	622.4	621.3	619.7	620.5	619.3	618.7	622.3	618.5	627.3	635.6	640.9
Equipment, total	380.8	461.5	456.2	458.8	460.4	463.0	465.7	461.8	458.0	461.8	463.9	460.3	466.6	460.9
Business & defense equipment	345.4	430.7	423.4	426.5	428.9	432.1	434.4	430.7	426.6	430.4	433.0	430.6	438.0	433.3
Business equipment	278.0	343.7	340.1	342.6	343.7	346.9	348.6	343.9	340.0	343.0	344.5	341.6	347.5	342.0
Defense and space equipment	67.4	87.0	83.3	83.8	85.2	85.2	85.8	86.8	86.6	87.4	88.5	89.0	90.4	91.3
Intermediate products	292.2	366.5	355.9	356.7	363.8	363.3	366.9	367.4	366.5	368.4	368.5	372.2	373.7	374.0
Construction supplies	108.3	145.7	141.3	140.1	144.0	143.2	145.2	146.2	146.4	147.4	148.0	147.7	148.6	149.6
Business supplies	183.9	220.8	214.6	216.6	219.8	220.1	221.7	221.2	220.1	221.0	220.5	224.5	225.2	224.4
Commercial energy products	63.4	72.1	68.4	68.7	72.0	71.7	73.6	72.2	72.2	72.2	71.2	75.9	75.1	72.2

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Table 6B

INDUSTRIAL PRODUCTION: GROSS VALUE OF PRODUCTS

Billions of 1982 dollars at annual rates, seasonally adjusted, quarterly

SERIES	1982 Dollars	1986 Ann. Avg.	Billions of 1982 Dollars at Annual Rates									
			1984 Q3	Q4	1985 Q1	Q2	Q3	Q4	1986 Q1	Q2	Q3	Q4
Products, total	1376.8	1681.6	1606.4	1622.7	1629.1	1642.8	1647.2	1667.0	1682.3	1679.0	1675.0	1691.6
Final products	1084.5	1296.9	1248.4	1262.3	1270.3	1276.9	1279.3	1293.7	1302.7	1295.8	1289.9	1300.3
Consumer goods	703.7	844.1	798.6	807.8	811.8	813.4	818.1	831.0	841.6	844.8	842.6	849.0
Durable consumer goods	133.3	200.1	190.5	190.6	192.5	193.6	198.3	196.4	197.3	198.7	202.2	202.3
Automotive products	65.9	109.4	101.4	101.0	106.3	106.4	111.5	108.8	108.3	109.6	111.3	108.5
Home goods	67.4	90.7	89.1	89.6	86.3	87.2	86.8	87.6	89.0	89.1	90.9	93.8
Nondurable consumer goods	570.4	644.0	608.1	617.3	619.3	619.8	619.8	634.6	644.3	646.0	640.3	646.7
Equipment, total	380.8	452.8	449.8	454.4	458.5	463.5	461.2	462.6	461.1	451.1	447.3	451.2
Business & defense equipment	345.4	434.5	414.4	419.6	426.2	432.4	430.0	434.0	436.7	434.4	432.0	434.7
Business equipment	278.0	341.3	334.7	337.6	342.1	346.5	342.5	343.7	345.3	342.3	338.6	338.8
Defense and space equipment	67.4	93.2	79.7	82.1	84.1	85.9	87.5	90.2	91.4	92.1	93.4	95.9
Intermediate products	292.2	384.7	358.0	360.4	358.8	365.9	367.8	373.3	379.6	383.2	385.2	391.3
Construction supplies	108.3	154.0	140.1	140.5	141.8	144.8	147.3	148.6	152.9	153.0	154.9	155.4
Business supplies	183.9	230.7	217.9	220.0	217.0	221.0	220.5	224.7	226.7	230.1	230.3	235.9
Commercial energy products	63.4	75.6	71.9	73.0	69.7	72.5	71.9	74.4	73.9	76.3	74.8	77.7

Table 6A

INDUSTRIAL PRODUCTION: GROSS VALUE OF PRODUCTS

1986

Billions of 1982 dollars at annual rates, seasonally adjusted, monthly

SERIES	1982 Dollars	1986 Ann. Avg.	Billions of 1982 Dollars at Annual Rates											
			1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Products, total	1376.8	1681.6	1696.0	1687.7	1663.2	1681.7	1683.1	1672.2	1671.4	1677.8	1675.9	1687.3	1686.7	1700.7
Final products	1084.5	1296.9	1315.7	1309.0	1283.3	1302.4	1297.8	1287.4	1284.8	1292.9	1291.8	1296.9	1296.6	1307.3
Consumer goods	703.7	844.1	848.4	845.2	831.3	846.7	847.2	840.4	840.7	847.8	839.2	843.5	846.5	857.1
Durable consumer goods	133.3	200.1	199.7	200.4	191.9	199.5	197.9	198.9	201.4	200.7	204.6	201.2	200.9	204.9
Automotive products	65.9	109.4	109.4	111.2	104.3	110.6	108.9	109.4	111.1	109.8	113.1	109.0	107.5	109.1
Home goods	67.4	90.7	90.4	89.2	87.6	88.9	89.0	89.5	90.3	90.9	91.5	92.1	93.4	95.8
Nondurable consumer goods	570.4	644.0	648.6	644.8	639.4	647.2	649.3	641.6	639.3	647.1	634.6	642.3	645.6	652.2
Equipment, total	380.8	452.8	467.3	463.8	452.1	455.7	450.5	446.9	444.1	445.1	452.6	453.4	450.0	450.2
Business & defense equipment	345.4	434.5	439.9	439.3	430.8	437.4	434.0	431.7	429.2	429.8	437.1	437.2	433.4	433.4
Business equipment	278.0	341.3	348.4	348.1	339.4	345.5	341.9	339.6	336.7	336.6	342.5	341.7	337.5	337.1
Defense and space equipment	67.4	93.2	91.5	91.3	91.4	92.0	92.1	92.2	92.4	93.2	94.5	95.6	95.8	96.3
Intermediate products	292.2	384.7	380.3	378.7	379.8	379.2	385.3	384.9	386.6	384.8	384.1	390.3	390.2	393.4
Construction supplies	108.3	154.0	153.1	152.6	153.0	152.4	153.5	153.2	154.5	155.2	155.2	154.5	155.0	156.6
Business supplies	183.9		227.2	226.0	226.8	226.8	231.8	231.7	232.1	229.7	229.0	235.8	235.1	
Commercial energy products	63.4		73.3	73.3	74.9	73.7	78.8	76.2	75.2	74.6	74.7	78.1		

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Explanatory Note

Coverage. The index is a measure of industrial production expressed as a percentage of output in a reference period (currently 1977). The changes in the physical output of the nation's factories, mines, and electric and gas utilities are represented by 252 individual series in the index, covering 27 pertinent two-digit codes of the *Standard Industrial Classification* (SIC). For each individual series, index series relatives are calculated first and are then aggregated in the following two ways: (1) market groupings, such as consumer goods, equipment, intermediate products, and materials, from which the seasonally adjusted total index is derived (tables 1A and 1B), and (2) industry groupings, such as SIC two-digit industries, and major aggregates of these groupings, such as durable and nondurable manufacturing, mining, and utilities (tables 2A and 2B).

Market groupings. For purposes of analysis the individual industrial output series are grouped into materials, intermediate products, and final products; together, the latter two form the products category. Materials are industrial output requiring further processing within industry; intermediate products are expected to become inputs in nonindustrial sectors such as construction, farming, and services; and final products are assumed to enter final use as items of private consumption, government use, or capital formation. In the index, final products are subdivided into consumer goods and equipment.

Timing. A first estimate of output for a month is published about the 15th of the following month. This estimate may be revised in each of the next three months as new data become available. After the fourth month, indexes are not revised further until the time of an annual revision or a benchmark revision. The last three benchmark revisions were published in 1971, 1976, and 1985. Such revisons are derived mainly from the quinquennial *Census of Manufactures,* the quinquennial *Census of Mineral Industries,* and the *Annual Survey of Manufactures,* all prepared by the Bureau of the Census, and the *Minerals Yearbook* of the Bureau of Mines.

Source data. The indexes of industrial production are constructed from monthly data of two types: (1) directly measured output in physical units; and (2) estimates of output derived from data on input, expressed in physical units, adjusted by conversion factors that relate these inputs to physical output. The data on directly measured physical product (pounds, yards, barrels, and the like) are obtained from reports of the Bureau of the Census, the Bureau of Mines, other government agencies, and trade associations. When suitable monthly data on physical product are unavailable, estimates of physical output based on input data (kilowatt hours, production-worker hours) are used. The hours worked by production workers are collected in the monthly establishment survey of the Bureau of Labor Statistics, while data on the kilowatt hours used in industry are collected from electric utilities by the Federal Reserve Banks. The estimates of input conversion are based mainly on historical relationships that were derived from censuses and annual surveys and, when appropriate, on more recent cyclical, technological and statistical developments. Users of the index should bear in mind that, especially for the first and second estimates of a given month's indexes, the available source data are limited and are subject to change in the months following their initial receipt as well as in benchmark revisions.

Seasonal adjustment. Individual series are seasonally adjusted by the X-11 Method II of the Bureau of the Census with the intervention analysis technique applied to the series. The seasonal factors currently being used are based on data through 1985. The individual series and the major aggregate series are seasonally adjusted independently, and the factors for the aggregate series in the summary table and in tables 1 and 2 are reviewed monthly. The seasonally adjusted total index is aggregated from the seasonally adjusted market groupings of the index and may not precisely equal an aggregation of the seasonally adjusted industry groupings. A simple aggregation of the seasonally adjusted individual series within groupings may not precisely equal the seasonally adjusted groupings, primarily because aggregates are adjusted independently.

Weights. The total index and the various groupings of the component series are currently aggregated on the basis of 1977 value-added weights, which are shown in the first column of the index tables under the heading proportions. Value-added weights for 1972 are used for the 1972–77 period, while 1967 weights are used for the 1967–72 period. The weight years for earlier periods after World War II are 1963, 1958, 1954, and 1947. The indexes for the various periods are linked to provide the continuous final results expessed in relation to the 1977 comparison year taken as 100. The gross-value-weighted product series are expressed in terms of 1982 dollars.

Formula. The symbolic expression for the total index (I) is

$$I_t = \sum \left(\frac{q_{77}p_{77}}{\Sigma q_{77}p_{77}}\right) \cdot \left(\frac{q_t}{q_{77}}\right) \cdot 100 = \frac{\Sigma q_t p_{77}}{\Sigma q_{77}p_{77}} \cdot 100,$$

where q is quantity, p is Census value added per unit of output, t represents the tth period, and 77 denotes base-year values.

Reliability. The median of the revisions in total industrial production, without regard to sign, between the first and fourth estimates is 0.3 percent: that is, in about half of the cases the absolute value of the revision from the first to the fourth estimate was less than 0.3 percent. (This calculation used data for the period from January 1972 to January 1985.) Over the same period, positive changes in the first estimate were confirmed in the fourth estimate (available three months later) about 94 percent of the time. Negative changes in the first estimate were confirmed in the fourth estimate about 85 percent of the time. Thus the likelihood is high that the first estimate for a month will indicate the direction of change in the total index in a reliable manner. However, the magnitude of change as first estimated typically is revised during the next three months; these revisions are based on revised and more complete data sources. The estimates for the higher aggregates generally are considered more reliable than the estimates for their individual components. Revisions to the components often offset each other and thereby reduce the size of revisions to the aggregates.

Rounding. Changes shown for index components may not aggregate to changes for totals because of independent rounding. Percentage changes are calculated from indexes expressed in more digits following the decimal point than shown in their rounded form in the present release. Therefore, percentage changes calculated from the rounded indexes may not entirely coincide with the percentage changes calculated from unrounded indexes.

Literature. *Industrial Production—1986 Edition* contains a more detailed description of the index and the procedures used in compiling it, plus a history of its development, a glossary of terms, and a bibliography. The new edition was published in December 1986. To obtain copies of *Industrial Production—1986 Edition,* write to the Publication Services, Board of Governors of the Federal Reserve System, Washington, D.C. 20551. The price of this volume of about 440 pages is $9.00 per copy. Selected data on industrial production are also published monthly in the Financial and Business Statistics section of the *Federal Reserve Bulletin.*

Release date. The industrial production index is released in midmonth. For the specific date, phone 202-452-3206 about the 11th of the month.

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ELECTRIC POWER USE BY INDUSTRIES (January 1977-August 1987)

Seasonally adjusted indexes, 1977 = 100

YR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Q1	Q2	Q3	Q4	ANN. AVG.
Total																	
77	98.6	96.9	100.1	101.2	101.6	101.3	100.9	100.5	99.5	99.7	99.8	100.3	98.5	101.3	100.3	99.9	100.0
78	102.9	96.0	95.6	98.8	103.6	103.6	103.6	104.0	104.8	106.0	106.5	105.4	98.2	102.0	104.1	106.0	102.5
79	103.3	102.9	103.4	104.6	104.3	102.9	103.0	102.8	100.0	102.2	101.8	101.2	103.2	104.0	101.9	101.7	102.7
80	102.2	102.8	101.9	100.3	97.7	95.0	92.4	93.3	96.0	97.1	98.2	101.7	102.3	97.6	93.9	99.0	98.1
81	100.2	100.0	99.7	98.8	99.3	99.9	102.0	99.7	99.0	96.4	95.1	93.8	100.0	99.4	100.2	95.1	98.6
82	93.3	93.3	92.6	92.8	91.0	91.7	89.8	89.6	88.8	88.4	88.4	88.9	93.1	91.8	89.4	88.6	90.7
83	88.9	89.5	90.3	91.6	93.2	94.0	95.8	97.1	98.4	99.3	100.2	101.1	89.6	92.9	97.1	100.2	94.9
84	102.8	103.0	104.3	103.4	104.0	104.1	103.9	102.8	101.1	102.5	102.5	101.8	103.4	103.8	102.6	102.2	103.0
85	101.5	101.6	100.8	101.7	101.8	100.0	100.5	100.3	100.1	99.4	99.4	100.2	101.3	101.1	100.3	99.7	100.6
86	101.4	102.0	98.7	98.6	98.5	99.4	99.1	99.2	99.7	100.6	99.2	101.7	100.7	98.9	99.3	100.5	99.8
87	99.6	100.5	100.5	101.2	100.2	102.7	105.1	105.4					100.2	101.4			
Mining																	
77	105.0	103.7	105.3	103.9	104.1	106.9	106.2	89.9	94.2	91.0	93.2	96.2	104.7	104.9	96.7	93.5	100.0
78	97.8	97.7	99.5	106.3	109.6	111.4	113.3	114.6	115.1	116.9	116.5	116.1	98.3	109.1	114.3	116.5	109.4
79	116.3	114.4	114.5	116.5	115.9	118.1	121.4	125.4	121.1	122.1	124.7	123.6	115.1	116.8	122.6	123.5	119.4
80	120.2	123.0	120.3	121.1	119.8	120.4	116.0	115.5	116.4	118.8	120.2	125.0	121.2	120.4	116.0	121.3	119.8
81	125.2	125.3	127.0	117.4	114.1	121.2	134.3	129.0	132.2	126.6	120.4	117.7	125.8	117.6	131.9	121.6	124.0
82	120.2	119.4	118.0	120.6	107.7	103.4	95.3	94.2	99.6	102.3	104.5	104.5	119.2	110.6	96.4	103.8	107.8
83	103.7	101.6	101.3	104.4	108.1	111.8	110.5	114.3	111.6	110.1	113.0	113.3	102.2	108.1	112.1	112.1	108.5
84	114.3	118.2	121.9	122.4	124.3	124.8	127.4	122.3	123.7	123.7	120.2	117.9	118.1	123.8	124.5	120.6	121.7
85	118.5	119.6	121.5	125.3	125.4	122.9	120.1	124.3	124.1	122.8	122.7	121.0	119.8	124.5	122.8	122.2	122.3
86	123.9	122.3	118.0	115.3	108.6	109.2	108.3	106.4	106.9	106.2	105.7	109.7	121.4	111.0	107.2	107.2	111.8
87	105.7	105.3	107.0	105.0	106.8	109.6	115.6	114.9					106.0	107.1			
Total Manufacturing																	
77	98.1	96.6	99.8	101.0	101.3	100.9	100.6	101.0	99.8	100.1	100.2	100.6	98.2	101.1	100.5	100.3	100.0
78	103.3	96.1	95.4	98.2	103.1	103.1	103.0	103.2	104.2	105.2	105.9	104.7	98.2	101.5	103.4	105.3	102.1
79	102.5	102.3	102.7	103.8	103.4	101.9	101.8	101.3	98.7	100.9	100.3	99.7	102.5	103.1	100.6	100.3	101.5
80	101.0	101.5	100.7	98.9	96.0	93.4	90.8	91.8	94.7	95.7	96.8	100.1	101.1	96.1	92.4	97.5	96.7
81	98.5	98.3	97.9	97.7	98.2	98.6	99.6	97.8	96.9	94.5	93.5	92.1	98.3	98.2	98.1	93.3	96.9
82	91.5	91.6	90.9	91.0	89.8	91.1	89.1	89.3	88.1	87.5	87.3	87.9	91.3	90.6	88.8	87.6	89.6
83	88.0	88.7	89.6	90.9	92.1	93.0	94.4	95.9	97.5	98.6	99.4	100.3	88.8	92.0	95.9	99.5	94.0
84	102.1	102.1	103.1	102.2	102.6	102.7	102.2	101.5	99.7	101.1	101.4	100.5	102.4	102.5	101.1	101.0	101.8
85	100.4	100.4	99.4	100.2	100.2	98.4	99.2	98.7	98.5	97.9	98.0	98.6	100.1	99.6	98.8	98.2	99.1
86	100.0	100.7	97.4	97.6	97.8	98.7	98.4	98.7	99.2	100.2	98.9	101.0	99.4	98.0	98.8	100.0	99.0
87	99.3	100.3	100.1	101.1	99.7	102.2	104.4	104.7					99.9	101.0			
Durable Manufacturing																	
77	98.2	97.2	99.4	99.6	100.5	101.2	101.1	100.7	100.1	99.8	100.2	102.1	98.3	100.4	100.6	100.7	100.0
78	103.5	101.9	100.9	103.9	105.8	103.9	105.5	106.5	107.0	108.2	108.5	108.0	102.1	104.5	106.3	108.2	105.3
79	102.3	102.3	101.7	100.8	101.4	101.7	101.2	100.6	95.9	98.4	97.7	97.0	102.1	101.3	99.2	97.7	100.0
80	98.1	100.8	98.0	95.7	91.1	88.9	87.0	87.9	90.8	93.5	94.4	97.5	99.0	91.9	88.6	95.1	93.6
81	95.8	95.7	95.9	94.6	96.5	96.8	98.0	94.6	94.1	91.3	89.8	87.2	95.8	96.0	95.6	89.4	94.2
82	88.4	89.0	86.5	88.8	86.6	87.3	84.4	85.4	83.3	81.8	81.3	81.6	88.0	87.5	84.4	81.6	85.3
83	80.3	82.0	83.5	84.3	85.9	86.6	89.6	91.4	93.1	94.9	97.0	98.4	81.9	85.6	91.3	96.8	88.9
84	100.7	100.5	101.9	101.7	102.2	102.1	101.3	100.8	97.9	100.4	99.7	98.6	101.0	102.0	100.0	99.6	100.7
85	98.8	99.0	97.3	96.7	96.5	96.2	97.3	97.1	96.9	96.8	97.1	97.8	98.4	96.5	97.1	97.3	97.3
86	96.9	99.2	96.8	96.9	96.7	96.1	95.2	93.8	95.0	95.5	95.9	97.8	97.6	96.6	94.7	96.4	96.3
87	94.7	96.6	96.2	98.8	97.0	100.3	101.7	101.7					95.8	98.7			
Nondurable Manufacturing																	
77	97.4	97.6	99.9	101.6	101.5	101.4	100.0	101.2	99.8	100.2	100.0	99.6	98.3	101.5	100.4	99.9	100.0
78	102.4	92.0	89.9	92.4	100.0	103.2	100.6	100.4	101.9	102.4	103.3	101.8	94.8	98.5	101.0	102.5	99.2
79	102.1	103.5	103.4	106.0	104.7	102.9	102.2	102.2	101.3	103.0	102.5	101.9	103.0	104.5	101.9	102.5	102.9
80	103.2	103.0	103.1	101.6	100.2	97.7	94.0	95.6	98.4	97.6	98.9	102.1	103.1	99.9	96.0	99.5	99.5
81	100.8	101.2	99.7	100.5	99.7	100.3	101.1	101.0	99.5	97.4	96.9	96.0	100.6	100.1	100.5	96.7	99.4
82	94.3	94.2	94.9	93.1	92.8	94.2	93.2	93.1	92.5	92.9	92.9	92.9	94.5	93.4	92.9	92.9	93.4
83	95.0	95.1	95.3	97.1	97.9	98.5	98.6	100.3	101.4	102.3	101.7	101.4	95.1	97.8	100.1	101.8	98.7
84	103.0	103.4	104.2	103.2	103.4	103.2	103.0	102.0	101.5	101.7	102.7	102.3	103.5	103.3	102.2	102.2	102.8
85	101.4	101.6	101.1	103.9	104.1	100.5	100.8	99.8	100.2	98.8	98.4	99.5	101.4	102.8	100.3	98.9	100.8
86	102.3	101.9	97.6	98.6	99.5	101.3	101.2	102.7	103.3	104.4	101.2	104.0	100.6	99.8	102.4	103.2	101.5
87	103.2	103.4	103.3	103.7	102.8	104.1	106.8	107.1					103.3	103.5			

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