



FEDERAL RESERVE

Library - Reserves

INDUSTRIAL PRODUCTION

G.12.3

For release at 9:30 a.m. (EST)
April 13, 1979

Industrial production increased an estimated 0.8 per cent in March, following two months in which the level of total output was almost unchanged. Advances were widespread among products and materials. Rebounds from earlier weather effects contributed significantly to substantial increases in production of motor vehicles and parts, steel and coal. These increases accounted for a large part of the rise in the total index. Production in March was 0.9 per cent higher than in December 1978, equivalent to an annual rate of growth during the first quarter of 3.5 per cent. At 152.2 per cent of the 1967 average, the index for March is 8.0 per cent above a year earlier.

Products. Output of consumer goods increased 0.8 per cent in March, reflecting a rebound in automotive products, moderately large increase in home goods, and a modest gain in consumer nondurable goods such as food. The rate of auto assemblies increased about 6 per cent to an annual rate of 9.4 million units. Over the first quarter of 1979 output of home goods, which includes appliances and TV, carpeting, furniture, and miscellaneous items, has risen sharply, but the level of output in March was only modestly above that of last fall. Production of business equipment advanced moderately in March, as it had in the two preceding months, with continued strength evident in the output of manufacturing, power, and commercial equipment and a large rise in output of transit equipment. Business equipment production in March was 8.6 per cent above a year earlier.

Materials. Production of materials advanced 1.0 per cent in March, following small declines in February and January which were due in part to weather and other production problems. Durable materials output increased sharply in March, reflecting increases in basic metals and in parts for equipment and consumer durables. Coal production rose significantly but was below late 1978 levels.

INDUSTRIAL PRODUCTION: SUMMARY (Seasonally Adjusted)

Indexes, 1967=100	1979		Per cent changes						
	Feb. (p)	Mar. (e)	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Mar. 78
			From preceding month						
Total	151.0	152.2	.6	.6	.9	.0	.1	.8	8.0
Products, total	149.7	150.7	.3	.5	.9	.2	.2	.7	6.4
Final Products	146.2	147.3	.3	.3	.8	.2	.2	.8	6.0
Consumer Goods	150.7	151.9	.1	.3	.6	.0	.1	.8	4.1
Durable	161.0	164.1	.8	.1	.1	-.6	.1	1.9	4.2
Nondurable	146.6	147.0	-.1	.3	1.0	.3	-.1	.3	4.0
Business Equipment	170.1	171.0	.7	.2	.9	.6	.2	.5	8.6
Intermediate Products	162.9	163.4	.6	.8	1.6	.3	.4	.3	7.9
Construction Supplies	161.7	162.0	.9	1.3	1.1	.2	.3	.2	9.5
Materials	153.0	154.6	1.1	.9	.7	-.3	-.2	1.0	10.5

p--preliminary e--estimate



FEDERAL RESERVE

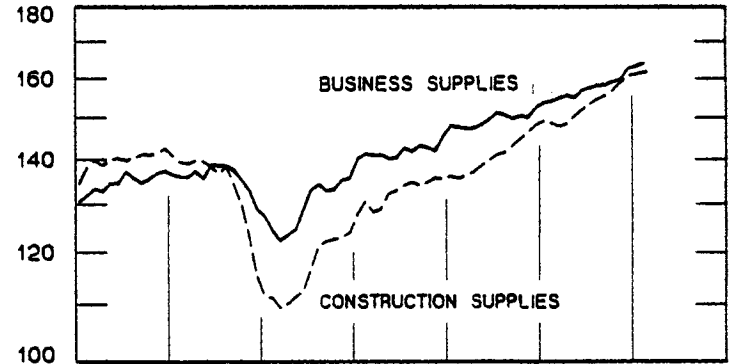
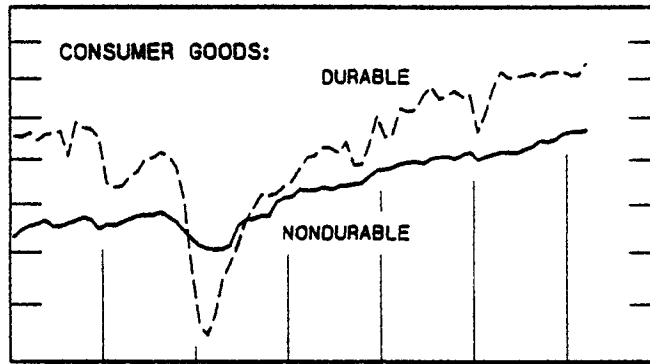
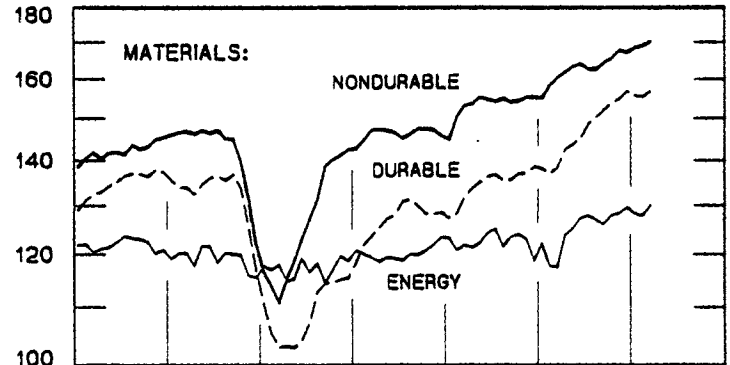
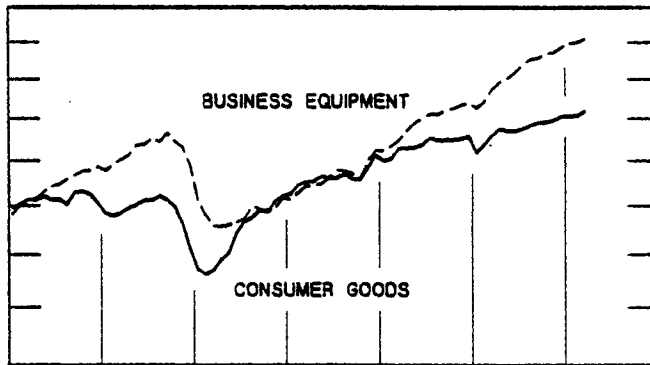
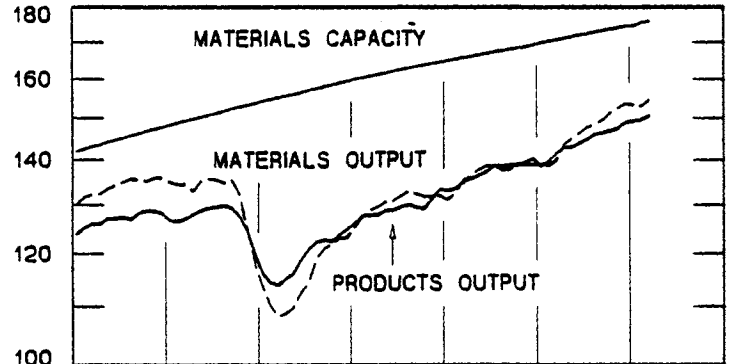
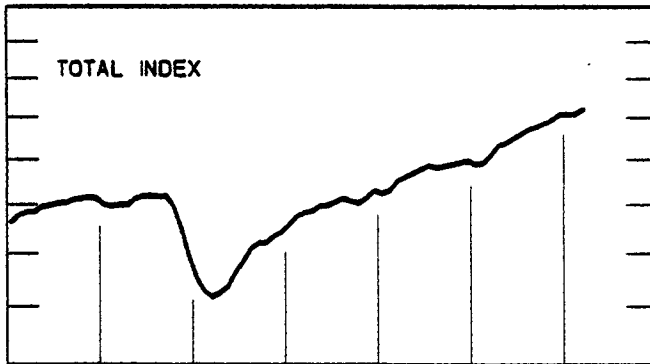
statistical release

G-123

INDUSTRIAL PRODUCTION

MARCH DATA

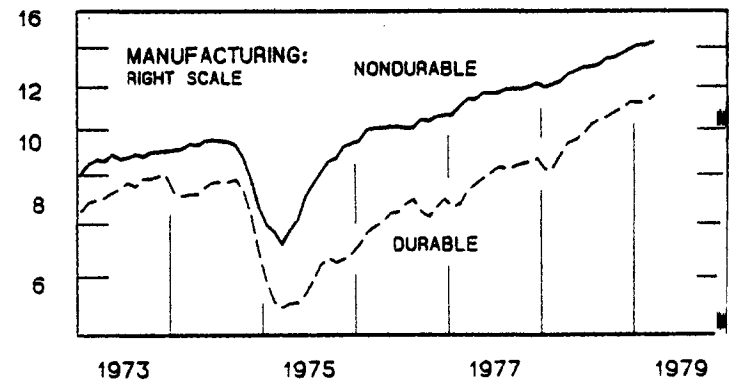
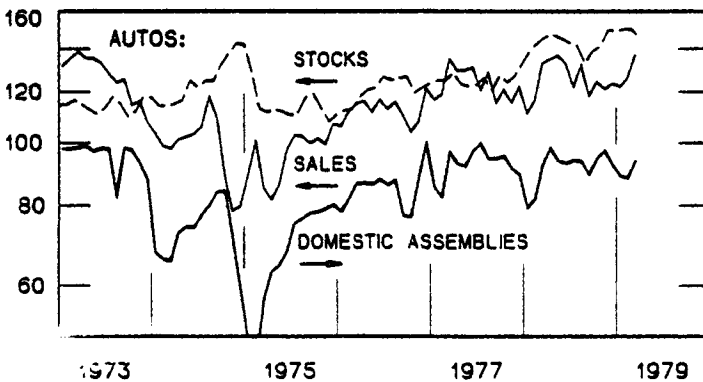
SEASONALLY ADJUSTED, RATIO SCALE, 1967=100



1969-70=100

ANNUAL RATE, MILLIONS OF UNITS

196



AUTOS: SALES AND STOCKS INCLUDE IMPORTS

Table 1.
INDUSTRIAL PRODUCTION BY MARKET GROUPINGS

Seasonally Adjusted, 1967 = 100

MAJOR MARKET GROUPINGS	1967	1978	1979												
	PRODUCTION	POK-AVG.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.
TOTAL INDEX	100.00	145.2	140.9	143.2	143.9	144.9	146.1	147.1	147.8	148.7	149.6	150.9	150.9	151.0	152.2
PRODUCTS, TOTAL	60.73	144.3	141.6	143.0	143.1	144.0	145.0	146.2	146.5	147.0	147.7	149.1	149.4	149.7	150.7
FINAL PRODUCTS	47.82	141.4	138.9	140.5	140.5	141.1	142.2	143.3	143.7	144.1	144.5	145.6	145.9	146.2	147.3
CONSUMER GOODS	27.66	147.4	145.9	147.5	147.0	147.0	147.7	148.4	149.0	149.2	149.7	150.6	150.6	150.7	151.9
EQUIPMENT	20.14	133.1	129.1	130.8	131.6	133.0	134.7	136.3	136.4	137.0	137.3	138.7	139.4	140.1	140.9
INTERMEDIATE PRODUCTS	12.89	155.3	151.4	152.1	152.6	154.7	155.6	156.4	157.0	158.0	159.3	161.8	162.3	162.9	163.4
MATERIALS	39.29	146.5	139.9	143.7	145.1	146.4	147.9	148.6	149.7	151.4	152.7	153.8	153.3	153.0	154.6
CONSUMER GOODS															
DURABLE CONSUMER GOODS	7.89	158.9	157.5	161.8	160.2	160.6	160.9	161.5	160.3	161.6	161.8	161.9	160.9	161.0	164.1
AUTOMOTIVE PRODUCTS	2.83	178.6	175.8	184.3	180.0	179.9	182.2	182.1	178.3	185.6	189.0	185.1	181.5	179.1	185.4
AUTOS & UTILITY VEHICLES	2.03	172.5	171.0	182.7	175.6	174.3	176.7	175.6	170.0	180.5	185.0	179.3	173.7	170.7	179.2
AUTOS, TOTAL	1.90	168.5	149.7	158.9	151.6	149.8	152.7	151.1	144.4	154.2	159.7	151.6	145.9	144.9	153.7
AUTO PARTS & ALLIED GOODS	.80	194.0	188.5	188.2	191.5	193.9	196.1	198.0	199.8	199.1	199.0	200.1	201.8	200.7	201.1
HOME GOODS	5.06	147.8	147.2	149.2	148.9	149.7	148.9	150.0	150.2	148.2	146.5	148.9	149.2	151.0	152.2
APPLIANCES, AIR COND & TV	1.40	132.5	135.4	142.2	138.3	139.0	133.7	133.9	134.4	128.7	123.4	129.1	125.9	130.5	131.9
APPLIANCES AND TV	1.33	134.5	137.9	144.7	140.7	141.0	136.8	135.6	136.9	129.9	124.4	129.6	126.8	131.6	
CARPETING AND FURNITURE	1.07	164.3	159.3	158.9	163.4	166.0	168.5	167.9	169.0	168.0	164.9	166.8	170.1	171.2	
MISC. HOME GOODS	2.59	149.3	148.7	149.0	148.8	148.8	149.1	151.3	150.8	150.6	151.3	152.0	153.1	153.9	154.9
NONDURABLE CONSUMER GOODS	19.79	142.8	141.3	141.8	141.7	141.0	142.4	143.1	144.4	144.3	144.0	146.2	146.7	146.6	147.0
CLOTHING	4.29	125.5	122.4	124.9	125.4	124.8	124.8	125.6	128.9	128.3	129.0	130.1	130.2		
CONSUMER STAPLES	15.50	147.6	146.4	146.6	146.2	146.2	147.3	147.8	148.8	148.8	149.2	150.6	151.1	151.5	152.1
CONSUMER FOODS & TOBACCO	6.33	140.1	138.7	140.8	139.9	139.0	140.4	140.8	141.2	140.4	141.0	143.0	142.6	143.1	
NONFOOD STAPLES	7.17	156.2	155.3	153.3	153.4	154.8	155.5	155.9	157.4	158.5	158.8	159.6	161.0	161.4	161.4
CONSUMER CHEMICAL PROD.	2.63	187.1	182.1	182.5	182.0	185.5	186.7	188.0	190.1	191.9	190.7	193.4	196.4	197.2	
CONSUMER PAPER PRODUCTS	1.92	118.1	118.9	117.7	117.9	118.0	117.5	117.3	118.2	116.7	117.6	118.9	119.1	120.4	
CONSUMER ENERGY PROD.	2.62	153.2	155.0	149.9	150.7	150.8	151.9	152.6	153.3	155.4	156.7	156.9	156.2	155.4	
RESIDENTIAL UTILITIES	1.49	161.5	166.9	159.0	157.2	159.0	159.9	160.1	160.9	162.8	162.1	161.1			
EQUIPMENT															
BUSINESS EQUIPMENT	12.63	162.0	157.4	159.3	160.2	161.8	163.8	165.4	165.8	166.9	167.2	168.7	169.7	170.1	171.0
INDUSTRIAL EQUIPMENT	6.77	149.9	146.9	147.6	149.7	150.9	151.9	152.8	152.7	152.9	151.8	152.2	154.7	155.4	156.1
BUILDING AND MINING EQUIP.	1.44	223.4	221.7	225.1	226.0	227.3	228.9	228.1	226.3	226.5	223.6	222.3	222.0	223.0	223.1
MANUFACTURING EQUIPMENT	3.85	121.9	118.3	119.6	121.3	122.8	122.6	123.9	124.4	125.0	124.2	124.7	127.8	128.4	129.0
POWER EQUIPMENT	1.47	151.0	146.8	147.3	149.2	144.2	152.0	154.6	154.8	154.0	153.4	155.6	158.5	159.5	160.9
COMPL., TRANSIT, FARM & COMMERCIAL EQUIPMENT	5.86	176.0	169.4	172.6	172.3	174.4	177.5	179.9	180.8	182.9	184.9	187.8	188.8	188.9	188.4
TRANSIT EQUIPMENT	3.26	208.0	202.0	203.8	204.2	206.9	210.6	212.2	214.1	215.1	214.9	217.1	217.9	218.9	216.9
FARM EQUIPMENT	1.93	133.8	126.1	133.7	132.2	132.3	134.9	138.5	138.6	142.6	147.5	151.0	147.6	147.1	149.5
DEFENSE AND SPACE EQUIPMENT	7.51	84.9	81.9	82.9	83.6	84.6	85.9	87.1	87.1	86.7	87.2	87.9	88.7	89.8	90.1
INTERMEDIATE PRODUCTS															
CONSTRUCTION SUPPLIES	6.42	153.3	147.9	148.5	150.4	152.1	153.5	154.7	155.6	157.0	159.0	160.6	161.2	161.7	162.0
BUSINESS SUPPLIES	6.47	157.3	155.0	155.6	159.0	157.6	157.6	158.2	158.4	159.2	159.9	162.7	163.3	164.1	164.9
COMMERCIAL ENERGY PRODUCTS	1.14	106.5	104.3	103.5	102.7	103.0	104.1	107.4	109.9	108.8	108.8	170.0	169.2	168.9	
MATERIALS															
DURABLE GOODS MATERIALS	20.35	146.9	138.6	142.7	143.9	145.4	148.7	150.4	152.1	154.0	154.9	156.8	155.7	155.4	156.8
DURABLE CONSUMER PARTS	4.58	140.3	133.1	136.8	137.9	138.7	142.0	142.2	144.8	147.3	147.4	148.4	147.8	146.0	147.5
EQUIPMENT PARTS	5.44	159.1	151.3	154.6	155.6	157.4	161.7	162.9	164.6	166.0	167.6	170.5	170.5	171.4	172.5
DURABLE MATERIALS NEC	10.34	143.4	134.5	138.9	140.3	141.8	144.7	147.6	148.7	150.5	151.6	153.6	151.2	151.2	152.6
BASIC METAL MATERIALS	5.57	120.4	110.4	116.7	117.5	118.2	121.7	125.4	126.7	128.2	129.1	130.9	125.4	125.0	
NONDURABLE GOODS MATERIALS	10.47	162.9	160.5	162.0	163.5	164.1	162.5	162.7	164.4	165.7	167.8	167.1	168.6	169.0	170.2
TEXTILE, PAPER, & CHEM MAT	7.62	167.9	165.7	166.4	167.9	168.6	168.3	167.0	170.0	171.0	173.3	172.3	174.0	174.7	176.2
TEXTILE MATERIALS	1.85	117.2	115.1	116.5	116.7	118.0	117.1	116.0	118.7	118.7	120.4	119.0	118.6	117.9	
PAPER MATERIALS	1.62	137.1	137.8	139.2	140.1	139.9	135.1	131.5	137.7	137.3	137.6	136.6	133.5	137.4	
CHEMICAL MATERIALS	4.15	202.6	199.2	199.5	201.7	202.9	204.0	203.7	205.5	207.6	210.7	210.3	214.3	214.6	
CONTAINERS, NONDURABLE	1.70	160.5	158.1	160.5	161.9	162.8	155.4	161.8	161.1	163.4	165.6	165.9	167.6	167.5	
NONDURABLE MATERIALS NEC	1.14	133.2	129.3	134.6	135.8	135.0	135.7	134.8	131.8	134.5	135.5	135.4	133.7	133.3	
ENERGY MATERIALS	8.46	125.2	117.5	123.9	125.2	127.5	127.9	127.0	126.0	128.0	128.4	129.6	128.3	127.8	130.1
PRIMARY ENERGY	4.65	112.7	104.5	115.5	114.4	116.1	116.7	115.4	111.8	115.9	117.4	116.9	113.4	111.9	
CONVERTED FUEL MATERIALS	3.82	140.5	133.3	134.1	138.6	141.4	141.6	141.3	143.4	142.7	141.6	145.1	146.7	147.2	
SUPPLEMENTARY GROUPS															
HOME GOODS AND CLOTHING	9.35	137.6	135.9	138.0	136.2	136.3	138.0	139.2	140.3	139.1	138.5	140.2	140.5	141.1	141.4
ENERGY, TOTAL	12.23	135.1	129.8	133.1	134.2	135.9	136.4	136.1	135.9	137.6	136.2	139.3	136.1	137.5	139.1
PRODUCTS	3.76	157.2	157.9	154.1	154.3	154.6	155.6	156.7	158.3	159.3	160.4	161.0	160.2	159.5	
MATERIALS	8.46	125.2	117.5	123.9	125.2	127.5	127.9	127.0	126.0	128.0	128.4	129.6	126.3	127.8	130.1

DATA FOR THE CURRENT MONTH ARE ESTIMATED. PREVIOUS MONTH DATA ARE PRELIMINARY.

Table 2. INDUSTRIAL PRODUCTION BY MARKET GROUPINGS

Not Seasonally Adjusted, 1967 = 100
NOT SEASONALLY ADJUSTED, 1967 = 100

MAJOR MARKET GROUPINGS	1967	1978	1978			1978			1979			1979			
	PRO-1 TIONI	POR-1 AVG.)	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.
TOTAL INDEX	100.00	145.2	141.4	144.2	144.2	148.8	141.9	146.9	152.0	152.0	149.7	146.0	146.2	151.2	153.0
PRODUCTS, TOTAL	60.71	144.3	141.0	143.2	142.1	148.2	141.7	147.0	153.3	152.4	147.9	142.6	143.6	148.9	150.4
FINAL PRODUCTS	47.82	141.4	138.6	140.7	138.9	145.1	138.2	143.4	150.6	149.5	144.5	139.4	141.2	146.2	147.2
CONSUMER GOODS	27.66	147.4	145.3	148.4	145.2	152.1	142.5	149.7	158.4	156.8	149.0	141.0	144.7	150.2	151.7
EQUIPMENT	20.14	133.1	129.3	130.1	130.4	135.6	132.2	134.6	139.7	139.5	136.4	137.0	136.3	140.7	141.0
INTERMEDIATE PRODUCTS	12.89	155.3	150.3	152.6	153.8	159.9	154.8	160.3	163.4	163.1	160.0	154.3	152.6	158.9	162.3
MATERIALS	39.29	146.5	142.1	146.1	147.0	149.7	142.2	146.8	149.8	152.9	152.7	151.1	150.1	154.9	157.2
CONSUMER GOODS															
DURABLE CONSUMER GOODS	7.89	158.9	162.4	169.7	163.7	167.0	143.9	146.7	166.1	173.7	164.2	150.0	154.9	166.0	170.2
AUTOMOTIVE PRODUCTS	2.83	178.0	187.8	203.1	190.1	192.3	151.8	141.5	161.9	204.9	192.9	165.6	179.0	190.6	200.2
AUTOS & UTILITY VEHICLES	2.03	172.5	187.2	208.2	191.8	192.3	139.4	119.4	171.4	203.0	190.5	151.5	172.1	185.2	199.4
AUTOS, TOTAL	1.90	148.5	164.3	182.7	168.4	164.8	114.3	96.4	147.6	175.2	165.0	128.9	146.3	157.8	172.2
AUTO PARTS & ALLIED GOODS	.80	194.0	189.3	190.0	185.8	192.4	163.4	197.6	208.4	209.6	199.0	149.1	146.5	204.5	202.0
HOME GOODS	5.06	147.8	148.1	151.0	148.9	153.7	139.5	149.6	157.3	156.2	148.1	141.2	141.3	152.3	153.5
APPLIANCES, AIR COND & TV	1.40	132.5	141.8	151.7	142.1	146.0	119.5	122.8	139.5	141.8	122.0	108.4	118.5	137.8	139.7
APPLIANCES AND TV	1.33	134.5	142.5	151.8	142.5	147.5	122.5	128.9	143.9	145.1	122.4	109.7	119.0	137.8	138.8
CARPETING AND FURNITURE	1.07	164.3	162.3	160.8	161.9	167.1	149.7	168.7	176.3	174.7	168.9	164.5	163.6	176.0	172.2
MISC. HOME GOODS	2.59	149.3	145.7	146.7	147.2	152.3	146.1	156.3	159.1	156.3	153.6	149.3	144.5	150.3	151.6
NONDURABLE CONSUMER GOODS	19.79	142.8	138.4	140.0	137.7	146.0	142.0	150.9	155.3	150.1	142.9	137.5	140.6	144.0	144.3
CLUTHING	4.29	125.5	124.8	132.5	124.3	133.2	111.0	131.9	137.7	134.5	125.5	114.9	122.9	137.8	138.8
CONSUMER STAPLES	15.50	147.6	142.1	142.1	141.4	149.5	150.4	156.1	160.2	154.4	147.8	143.8	145.6	147.4	147.8
CONSUMER FOODS & TOBACCO	8.33	140.1	136.3	138.5	136.3	142.3	138.1	147.0	153.4	149.2	142.0	135.0	135.9	138.7	138.7
NONFOOD STAPLES	7.17	156.2	150.8	146.2	147.4	157.7	164.0	166.2	168.2	160.5	154.7	153.9	156.9	157.4	156.7
CONSUMER CHEMICAL PROD	2.83	187.1	175.5	177.5	181.0	195.6	198.3	197.6	205.2	200.9	190.1	179.7	179.8	184.6	184.6
CONSUMER PAPER PRODUCTS	1.92	118.1	111.4	113.4	113.8	120.7	123.3	127.5	128.1	121.3	116.7	111.2	111.0	115.2	115.2
CONSUMER ENERGY PROD	2.62	153.2	152.8	139.0	138.3	146.9	161.0	163.1	160.6	146.8	146.8	146.8	159.3	161.1	161.1
RESIDENTIAL UTILITIES	1.45	161.5	166.2	143.3	156.6	150.9	172.7	176.9	173.2	151.6	143.7	163.4	163.4	163.4	163.4
EQUIPMENT															
BUSINESS EQUIPMENT	12.63	162.0	157.4	158.5	158.3	165.7	160.5	163.8	171.2	170.9	168.3	165.0	164.6	171.0	171.1
INDUSTRIAL EQUIPMENT	6.77	149.9	146.8	146.3	147.1	152.4	148.4	151.0	157.3	156.4	154.4	151.4	151.1	156.6	155.9
BUILDING AND MINING EQUIP	1.44	223.4	218.6	219.7	218.7	226.0	219.5	223.3	234.0	233.0	233.2	226.7	219.8	225.8	220.6
MANUFACTURING EQUIPMENT	3.85	121.9	119.3	118.8	119.8	124.8	119.8	123.5	127.6	126.5	124.9	122.2	124.3	130.6	130.3
POWER EQUIPMENT	1.47	151.0	147.5	146.4	146.2	152.5	153.7	151.7	159.0	159.2	154.3	144.0	153.7	156.9	159.5
COM'L, TRANSIT, FARM EQ	5.06	176.0	169.7	172.5	171.3	181.1	174.6	178.6	187.3	187.5	184.3	180.7	180.1	187.6	188.8
COMMERCIAL EQUIPMENT	3.26	208.6	196.3	199.6	201.3	215.0	215.4	219.0	225.4	220.9	216.0	207.3	207.4	214.2	212.8
TRANSIT EQUIPMENT	1.93	133.8	132.9	137.8	133.5	135.6	124.2	128.4	135.7	145.6	146.6	148.0	146.1	152.6	157.6
FARM EQUIPMENT	.87	138.9	146.1	140.5	134.0	147.4	121.5	126.5	150.5	145.8	138.5	145.3	145.3	158.5	158.5
DEFENSE AND SPACE EQUIPMENT	7.51	66.5	82.2	84.3	83.4	84.9	84.5	85.6	86.9	86.7	88.1	90.0	88.9	90.0	90.4
INTERMEDIATE PRODUCTS															
CONSTRUCTION SUPPLIES	6.42	153.3	148.6	153.0	154.2	159.3	150.0	155.8	159.6	161.4	159.8	152.9	150.4	154.5	162.6
BUSINESS SUPPLIES	6.47	157.3	151.9	152.3	153.4	160.5	159.3	164.9	167.1	164.8	161.3	156.4	154.7	159.2	159.2
COMMERCIAL ENERGY PRODUCTS	1.14	166.5	158.2	153.8	156.0	169.0	181.5	182.0	180.7	168.1	161.2	159.9	166.0	166.7	166.7
MATERIALS															
DURABLE GOODS MATERIALS	20.35	146.9	141.8	145.9	147.3	149.8	142.7	146.4	152.6	155.5	154.6	154.0	150.2	156.5	160.5
DURABLE CONSUMER PARTS	4.58	140.3	134.5	139.3	140.5	140.3	134.6	134.7	145.2	149.5	149.6	150.3	146.4	149.6	149.6
EQUIPMENT PARTS	5.44	159.1	153.4	155.3	156.7	159.0	157.3	158.8	164.4	166.7	169.1	172.5	168.8	173.1	174.9
DURABLE MATERIALS NEC	10.34	143.4	138.9	143.8	145.3	148.9	138.7	145.0	149.7	152.2	149.2	145.7	142.4	152.4	157.7
BASIC METAL MATERIALS	5.57	120.4	117.8	124.8	125.1	125.9	112.9	118.1	124.2	126.9	123.3	123.0	121.1	128.2	128.2
NONDURABLE GOODS MATERIALS	10.47	162.9	162.7	165.1	165.2	167.6	153.1	163.0	164.4	169.9	169.2	162.1	164.9	170.9	172.8
TEXTILE, PAPER, & LUMEN MAT	7.62	167.9	167.8	170.1	170.5	172.5	158.5	167.7	169.5	173.4	174.3	167.7	170.1	176.9	176.8
TEXTILE MATERIALS	1.89	117.2	118.7	120.4	121.5	120.9	97.0	118.2	116.0	122.1	121.2	112.6	120.5	122.5	122.5
PAPER MATERIALS	1.62	137.1	143.0	144.0	142.8	144.4	124.6	132.9	132.2	140.2	138.2	125.5	132.5	142.0	142.0
CHEMICAL MATERIALS	4.15	202.6	199.4	202.5	203.3	206.6	199.3	203.5	208.0	209.3	212.2	208.8	208.8	214.8	214.8
CONTAINERS, NONDURABLE	1.70	160.5	162.4	164.0	164.0	170.5	149.8	166.3	164.5	170.1	161.3	147.7	160.0	170.8	170.8
NONDURABLE MATERIALS NEC	1.14	133.2	128.8	133.7	131.3	130.3	122.0	127.0	130.1	145.9	147.1	146.0	137.7	131.5	131.5
ENERGY MATERIALS	8.46	125.2	117.5	123.3	123.5	127.2	127.3	127.9	124.9	125.9	127.8	130.9	131.7	131.0	130.1
PRIMARY ENERGY	4.65	112.7	110.0	117.0	116.1	117.1	114.2	114.0	111.5	115.0	117.2	116.7	112.9	112.8	112.8
CONVERTED FUEL MATERIALS	3.82	140.5	131.4	131.0	132.6	139.4	143.2	144.8	141.1	139.1	140.8	146.2	154.6	152.9	152.9
SUPPLEMENTARY GROUPS															
HOME GOODS AND CLUTHING	9.35	137.0	137.4	142.5	137.6	144.3	126.7	141.5	148.3	146.2	137.7	129.1	132.8	142.9	143.4
ENERGY, TOTAL	12.43	135.1	128.8	129.5	129.7	135.3	139.5	140.4	137.7	134.7	134.9	139.7	142.9	140.7	138.0
PRODUCTS	3.76	157.2	154.4	143.5	143.6	153.5	167.2	168.8	166.6	154.5	151.2	159.5	167.9	162.8	162.8
MATERIALS	8.48	125.2	117.5	123.5	123.5	127.2	127.3	127.9	124.9	125.9	127.8	130.9	131.7	131.0	130.1

DATA FOR THE CURRENT MONTH ARE ESTIMATED. PREVIOUS MONTH DATA ARE PRELIMINARY.

Table 3.
PRODUCTION BY INDUSTRY GROUPINGS

Seasonally Adjusted, 1987 = 100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1977		1978												1979		
		PRO-1 TIOB	1978 AVG.	MAR	APR	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.		
MINING AND UTILITIES		12.051	141.9	138.2	140.9	140.9	142.5	142.6	142.5	142.1	144.1	144.5	145.0	145.5	143.1	144.3		
MINING		6.361	124.2	119.3	127.2	126.7	128.0	127.1	126.0	124.1	127.6	128.1	127.6	123.7	122.1	124.8		
UTILITIES		5.691	161.0	159.5	156.0	157.0	158.6	159.9	160.8	162.3	162.4	162.9	164.3	163.7	166.6	166.2		
MANUFACTURING		18.795	145.7	141.4	143.5	144.3	145.5	146.7	147.6	148.7	149.5	150.4	151.8	152.0	152.1	153.3		
NONDURABLE		135.971	154.8	151.4	153.2	154.0	154.9	155.6	155.6	157.1	157.4	158.5	159.8	160.6	160.6	161.5		
DURABLE		31.981	139.3	134.4	136.9	137.6	139.0	141.1	142.2	142.6	144.0	144.8	146.4	146.1	146.3	147.7		
MINING																		
METAL MINING	10		5.11	121.0	127.6	122.3	120.0	121.1	117.0	117.9	115.6	122.1	125.3	123.9	123.0	124.3		
COAL	11,12		6.91	115.7	78.4	129.5	131.7	136.4	131.7	124.9	114.7	144.0	145.1	146.8	116.0	104.0		
OIL AND GAS EXTRACTION	13		4.40	124.7	123.3	127.3	126.3	127.1	126.8	126.2	124.9	124.5	124.9	123.8	123.0	122.2		
STONE AND EARTH MINERALS	14		7.51	131.1	126.2	126.9	130.1	130.7	131.3	131.6	133.6	134.0	132.9	134.2	136.3	136.5		
NONDURABLE MANUFACTURES																		
FOODS	20		8.75	142.9	141.1	143.1	142.8	141.8	142.9	144.0	144.4	143.2	144.2	145.7	145.8	146.2		
TOBACCO PRODUCTS	21		6.71	119.2	115.6	121.0	120.2	122.7	120.8	118.6	119.0	121.5	122.0	122.0	122.0	124.0		
TEXTILE MILL PRODUCTS	22		2.66	140.0	135.1	136.1	136.5	140.4	141.0	139.5	142.2	142.1	143.9	144.9	144.4	142.7		
APPAREL PRODUCTS	23		3.31	126.3	122.8	126.1	125.8	126.8	124.3	127.2	130.9	130.6	129.9	131.1	132.9	132.9		
PAPER AND PRODUCTS	26		3.21	144.5	144.9	145.7	146.6	148.0	140.5	141.9	142.3	145.8	145.3	147.8	144.9	146.3		
PRINTING AND PUBLISHING	27		4.72	129.9	129.1	128.6	128.2	128.7	130.3	129.5	131.0	130.5	132.1	133.0	135.6	136.6		
CHEMICALS AND PRODUCTS	28		7.74	190.7	185.2	185.5	188.1	191.1	192.3	192.2	194.2	195.9	197.0	197.9	200.7	201.3		
PETROLEUM PRODUCTS	29		1.79	144.2	140.1	141.7	143.4	142.8	144.3	144.1	147.1	147.9	148.9	149.9	146.5	146.1		
RUBBER & PLASTICS PRODUCTS	30		2.24	125.8	124.3	124.9	125.7	125.5	129.1	126.1	126.1	126.4	126.2	127.0	128.1	128.9		
LEATHER AND PRODUCTS	31		8.61	74.1	72.1	76.0	75.7	75.1	74.5	74.0	74.1	73.8	74.1	74.0	75.7	75.3		
DURABLE MANUFACTURES																		
IRON AND STEEL	33		6.57	119.0	106.1	114.3	115.5	117.5	123.0	126.0	127.9	128.6	129.4	130.4	122.8	122.5		
FABRICATED METAL PROD	34		5.93	142.6	138.1	139.5	140.4	142.3	144.0	145.8	146.3	146.0	146.9	149.0	151.0	151.7		
NONELECTRICAL MACHINERY	35		9.15	155.8	151.5	152.2	152.9	154.6	156.1	157.3	158.7	160.3	160.3	161.8	163.7	164.4		
ELECTRICAL MACHINERY	36		8.05	154.3	149.5	152.3	152.9	154.1	157.9	156.9	158.3	157.9	159.0	161.9	163.9	165.1		
TRANSPORTATION EQUIP	37		9.27	130.5	126.5	130.5	130.1	130.4	132.1	133.4	132.6	137.0	139.3	139.5	137.6	136.9		
MOTOR VEHICLES & PTS	371		4.50	168.3	165.1	171.7	168.3	167.7	169.7	171.0	168.9	176.8	180.8	179.7	174.4	171.4		
AEROSPACE & MISC	372-4		4.77	96.9	90.1	91.8	93.9	95.0	96.5	98.3	98.9	99.0	100.2	101.7	103.0	104.5		
INSTRUMENTS	38		2.11	171.6	168.7	170.5	169.8	170.9	172.2	175.4	176.6	175.5	176.2	179.5	180.4	181.1		
MISCELLANEOUS MFRS	39		1.51	153.3	153.7	152.9	152.7	153.5	153.2	153.6	154.1	153.9	152.1	153.7	154.8	156.3		
UTILITIES																		
ELECTRIC			3.88	182.2	178.8	175.0	177.1	180.1	182.1	183.2	184.4	184.1	185.0	186.6				

Table 4.
CHANGES IN OUTPUT (PER CENT)

	1978												1979		
	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.			
CHANGE FROM PREVIOUS MONTH															
TOTAL INDEX	1.6	.5	.7	.8	.7	.5	.6	.6	.9	.0	.1	.8			
FINAL PRODUCTS	1.2	.0	.4	.8	.6	.3	.3	.3	.6	.2	.2	.8			
CONSUMER GOODS	1.1	-.3	.0	.5	.5	.4	.1	.3	.6	.0	.1	.8			
DURABLE CONSUMER GOODS	2.7	-1.0	.2	.2	.4	-.7	.8	.1	.1	-.6	.1	1.9			
NONDURABLE CONSUMER GOODS	.4	-.1	-.1	.6	.5	.9	-.1	.5	1.0	.3	-.1	.3			
BUSINESS EQUIPMENT	1.2	.6	1.0	1.2	1.0	.2	.7	.2	.9	.6	.2	.5			
INTERMEDIATE PRODUCTS	.5	.3	1.4	.6	.5	.4	.6	.8	1.6	.3	.4	.3			
MATERIALS	2.7	1.0	.9	1.0	.5	.7	1.1	.9	.7	-.3	-.2	1.0			
DURABLE GOODS MATERIALS	3.0	.8	1.0	2.3	1.1	1.1	1.2	.6	1.2	-.7	-.2	.9			
NONDURABLE GOODS MATERIALS	.9	.9	.4	-1.0	.1	1.0	.6	1.3	-.4	.9	.2	.7			
MANUFACTURING	1.5	.6	.8	.8	.6	.7	.5	.6	.9	.1	.1	.8			
NONDURABLE	1.2	.5	.6	.1	.4	1.0	.2	.7	.7	.6	.0	.6			
DURABLE	1.9	.5	1.0	1.5	.8	.4	.8	.6	1.1	-.2	.1	1.0			
MINING AND UTILITIES	2.0	.0	1.1	.1	-.1	-.3	1.4	.3	.3	-1.0	-.3	.8			
CHANGE FROM SAME MONTH A YEAR AGO															
TOTAL INDEX	5.2	5.0	5.2	5.3	6.5	6.7	7.1	7.4	8.0	8.7	8.5	8.0			
FINAL PRODUCTS	4.8	4.3	4.2	3.9	5.1	5.0	5.6	5.5	5.8	6.4	7.2	6.0			
CONSUMER GOODS	3.2	2.7	2.2	1.8	2.6	2.8	3.0	3.1	3.3	4.2	4.8	4.1			
DURABLE CONSUMER GOODS	6.8	5.3	3.1	1.8	4.4	3.0	3.1	4.3	3.9	9.8	6.5	4.2			
NONDURABLE CONSUMER GOODS	1.7	1.6	1.8	1.5	1.8	2.6	3.0	2.5	3.1	4.9	4.1	4.0			
BUSINESS EQUIPMENT	8.3	7.6	7.8	8.3	9.5	9.0	9.4	8.9	9.5	11.2	10.3	8.6			
INTERMEDIATE PRODUCTS	6.9	6.3	6.9	6.4	7.0	7.2	6.9	7.3	7.6	7.1	7.6	7.9			
MATERIALS	5.3	5.3	5.0	6.5	8.0	8.0	9.0	9.9	10.8	10.1	10.4	10.5			
DURABLE GOODS MATERIALS	6.7	6.4	6.6	8.7	11.1	12.1	12.3	12.9	13.0	12.7	13.4	13.1			
NONDURABLE GOODS MATERIALS	5.4	5.2	6.1	5.5	4.9	6.8	7.3	8.0	7.6	8.8	6.6	6.0			
MANUFACTURING	5.7	5.3	5.6	5.9	6.5	7.0	7.2	7.5	8.0	9.6	9.1	8.4			
NONDURABLE	4.2	3.7	4.4	4.3	4.1	5.1	5.2	5.0	5.8	7.2	6.0	6.7			
DURABLE	7.0	6.4	6.5	7.2	8.3	8.4	8.8	9.1	9.7	11.4	11.3	9.9			
MINING AND UTILITIES	2.8	2.8	2.7	2.3	6.6	5.2	6.1	6.0	8.3	4.4	3.9	4.4			

Table 5.
PRODUCTION BY INDUSTRY GROUPINGS

Not Seasonally Adjusted, 1967 = 100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967	1978	1979													
		PRU-1 1967	PRU-1 1978	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB
MINING AND UTILITIES		12.05	141.0	130.5	137.0	130.4	142.4	145.5	147.2	144.5	141.4	141.4	141.4	145.4	148.0	145.5	142.9
MINING		8.30	124.2	117.4	127.0	127.4	128.8	124.0	120.0	120.0	129.3	130.0	120.0	120.0	120.9	120.4	124.0
UTILITIES		5.09	101.0	157.4	148.2	140.4	157.7	100.8	170.2	165.2	155.0	153.7	100.5	178.1	173.4	164.1	
MANUFACTURING		18.95	140.7	142.1	145.1	145.1	149.7	141.2	140.9	153.0	154.1	151.1	140.1	140.0	152.3	154.4	
NONDURABLE		25.97	154.0	150.5	153.3	153.5	159.3	150.3	160.3	160.2	163.7	159.4	151.7	152.0	158.8	160.0	
DURABLE		51.98	139.3	130.5	139.5	139.2	143.0	135.1	137.7	145.3	147.5	145.2	142.1	141.4	147.8	150.2	
MINING																	
METAL MINING		10	5.11	121.0	120.5	121.1	129.0	132.0	115.2	123.0	125.3	125.0	120.9	115.0	111.1	117.5	
COAL		11.12	0.91	115.7	82.4	137.4	137.9	137.2	115.0	124.7	118.8	140.2	140.1	130.5	104.4	107.0	130.5
OIL AND GAS EXTRACTION		13	4.40	124.7	121.8	125.0	124.3	125.9	120.2	125.9	125.3	125.4	127.0	123.0	122.4	121.0	
STONE AND EARTH MINERALS		14	7.51	131.1	121.0	129.7	134.1	135.5	130.0	134.5	137.1	139.8	139.3	134.9	126.8	123.0	
NONDURABLE MANUFACTURES																	
FOODS		20	6.75	142.4	137.0	140.5	138.9	143.9	140.9	149.0	154.0	152.0	140.5	141.1	139.1	141.1	
TOBACCO PRODUCTS		21	0.71	119.2	110.0	115.4	117.8	128.8	100.3	125.9	128.7	131.2	125.1	99.3	123.5		
TEXTILE MILL PRODUCTS		22	2.08	140.0	137.0	143.0	142.7	140.5	125.1	144.2	140.5	143.9	134.1	130.5	143.8		
APPAREL PRODUCTS		23	3.31	126.3	120.5	130.2	125.4	132.8	112.4	133.7	139.7	137.3	127.6	112.3	126.4		
PAPER AND PRODUCTS		26	3.21	144.5	150.5	151.8	150.2	152.4	136.4	142.6	140.2	150.9	145.3	133.9	146.4	151.0	153.8
PRINTING AND PUBLISHING		27	4.72	129.9	121.4	123.5	125.9	133.0	130.0	141.2	143.8	137.0	133.9	120.4	121.7	120.0	129.5
CHEMICALS AND PRODUCTS		28	7.74	190.7	183.9	100.8	190.0	190.0	192.9	195.5	200.8	199.0	197.4	190.0	189.9	190.9	
PETROLEUM PRODUCTS		29	1.79	144.2	134.5	130.0	141.2	140.5	149.1	144.4	150.3	148.3	152.0	152.9	144.0	141.1	141.0
RUBBER & PLASTIC PRODUCTS		30	2.24	154.0	152.3	253.0	252.7	258.0	233.2	259.2	265.7	270.4	267.4	262.3	260.1	281.5	
LEATHER AND PRODUCTS		31	0.01	74.1	73.7	79.9	74.9	78.0	84.8	75.1	75.1	75.0	73.4	70.4	74.7	77.8	
DURABLE MANUFACTURES																	
URDMANL, PVT & GOVT		19.91	3.04	73.7	74.0	73.2	74.4	75.4	74.0	74.0	73.0	72.8	72.9	74.3	74.1	70.7	74.4
LUMBER AND PRODUCTS		24	1.04	138.9	137.0	140.8	138.4	144.4	135.1	140.3	143.9	140.0	140.1	135.3	132.7	140.0	
FURNITURE AND FIXTURES		25	1.37	154.7	152.5	148.9	150.7	150.4	141.3	159.0	163.9	162.7	160.0	157.3	160.0	170.2	
CLAY, GLASS, STONE PRGD		32	2.74	159.2	151.0	158.8	161.1	167.1	159.3	165.9	166.2	169.9	167.1	158.3	154.0	159.3	
PRIMARY METALS																	
IRON AND STEEL		33.12	4.21	113.2	110.0	119.9	119.9	120.2	115.3	110.1	117.0	120.7	115.9	117.1	100.5	115.1	
FABRICATED METAL PROD		34	5.93	142.6	140.0	139.0	141.0	143.7	159.0	143.9	147.7	148.7	148.0	147.1	140.2	154.4	
NONELECTRICAL MACHINERY		35	4.15	155.0	151.3	151.7	151.0	159.3	154.4	157.3	165.0	163.2	160.3	156.7	157.5	160.3	165.1
ELECTRICAL MACHINERY		36	8.05	154.3	150.1	152.0	152.1	150.9	150.8	153.4	162.4	164.1	164.2	159.0	160.5	165.9	167.2
TRANSPORTATION EQUIP																	
MOTOR VEHICLES & PYS		37.1	4.50	168.3	172.7	184.8	170.4	178.3	149.2	139.5	169.9	188.0	183.2	168.0	173.4	178.0	187.5
AEROSPACE & MISC		37.2-9	4.77	94.9	91.2	93.3	94.3	95.5	93.1	95.0	99.2	100.0	101.0	103.2	101.0	104.5	107.0
INSTRUMENTS		38	2.11	171.0	160.2	167.3	169.1	174.3	171.5	170.6	179.3	177.9	179.2	170.2	174.0	178.7	179.0
MISCELLANEOUS MFMS		39	1.51	153.3	151.1	150.9	150.7	150.0	148.8	159.8	165.2	160.0	155.0	148.2	144.0	154.3	154.3
UTILITIES																	
ELECTRIC			3.08	102.2	173.1	102.4	102.8	101.0	198.2	199.8	192.0	175.5	171.1	160.4			

Table 6.
DETAILED OUTPUT SERIES
Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967												1979			
		PRO-1 1967	1978 AVG.	1978 FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	
METAL MINING																	
IRON ORE	101.01	.511															
NONFERROUS ORES	102-9,0,9	.271	110.0	108.9	120.6	115.3	99.9	106.6	101.7	100.5	98.9	111.8	125.3	132.7	132.6	128.4	
COPPER ORE	1021	.141	155.6	158.7	154.5	157.2	154.7	153.0	144.1	163.3	155.1	160.7	160.1	143.3	145.1	151.0	
LEAD AND ZINC ORES	1031	.031	89.8	94.9	101.6	101.6	100.9	72.0	66.1	81.5	86.8	92.7	89.1	89.9	82.6	82.9	
ANTHRACITE																	
BITUMINOUS COAL	111	.031	53.2	37.5	51.3	61.2	58.1	57.3	73.2	57.4	54.7	50.7	52.1	43.0	45.5	39.7	
OIL AND GAS EXTRACTION																	
CRUDE OIL & NATURAL GAS	131	3.401	99.1	95.7	96.9	100.9	98.6	100.2	100.5	100.1	99.1	98.9	99.6	99.9	99.6	97.3	
CRUDE OIL, TOTAL		2.941	96.8	92.7	94.0	99.4	95.4	97.3	97.8	97.7	97.0	97.6	98.0	98.3	98.2	95.6	
ALASKA, CALIF. CRUDE		.311	203.7	161.0	192.1	218.1	199.0	210.2	211.2	212.1	213.1	217.6	215.8	218.4	218.8	211.1	
TEXAS CRUDE		1.071	96.1	99.3	93.6	98.2	94.9	95.3	96.1	95.0	94.0	93.2	95.5	94.3	94.6	92.0	
LA. AND OTHER CRUDE		1.571	76.5	74.8	75.1	77.1	75.6	76.6	76.9	76.9	77.2	76.2	76.7	77.7	77.2	75.6	
NATURAL GAS		.671	109.1	108.7	109.9	107.6	112.2	113.2	112.6	110.5	106.0	106.6	106.4	107.1			
NATURAL GAS LIQUIDS	132	.301															
LP PROPANE		.041															
LP MATERIALS		.261															
OIL AND GAS DRILLING	136	.501	315.4	304.3	323.9	332.3	339.2	335.2	327.8	322.5	318.1	313.5	307.2	292.7	286.5	294.2	
FOODS																	
MEAT PRODUCTS	201	1.171	113.8	117.9	113.8	116.1	113.6	111.4	115.2	115.2	113.4	112.8	114.2	113.9	110.8	112.3	
BEEF		.401	120.1	129.6	120.7	129.0	120.5	114.2	115.8	120.3	119.1	118.0	119.4	117.5	116.4	112.8	
PORK		.591	106.6	108.8	104.7	107.0	103.7	104.1	112.8	109.9	107.4	106.8	110.3	108.6	102.0	107.6	
MISC. MEATS		.221	120.2	119.8	123.8	123.6	126.8	124.4	119.9	119.2	117.6	118.7	114.9	120.2	122.5	123.1	
DAIRY PRODUCTS	202	1.141	120.4	118.7	119.7	119.8	116.9	119.4	119.8	120.6	121.5	122.5	123.2	122.7	121.8	122.3	
BUTTER	20211	.041	81.6	93.2	83.6	84.9	73.2	69.0	79.0	74.4	85.7	82.3	77.4	79.7	83.8	84.4	
CHEESE	20221	.071	234.7	230.0	233.9	224.0	224.5	225.5	222.5	232.1	239.2	248.9	260.4	256.5	247.9	248.2	
CONCENTRATED MILK	20231	.121	53.6	54.0	54.5	54.3	51.3	52.0	54.2	55.2	54.5	51.7	51.1	49.9	49.9	49.9	
FROZEN DESSERTS	20241	.151	131.1	123.7	129.8	135.7	130.9	132.0	130.3	132.4	130.6	130.1	133.5	133.5	127.9	129.6	
CANNED AND FROZEN FOODS	203	1.181	122.6	120.9	122.8	121.2	121.8	122.5	121.6	122.5	122.8	122.2	122.6	122.1	121.5	121.9	
GRAIN MILL PRODUCTS	204	.951	175.8	170.1	177.8	182.9	179.8	174.3	176.3	177.3	174.5	177.3	177.0	177.4	173.7	176.6	
FLOUR & CORN MILL.	2041,6	.281	113.3	111.3	115.1	127.4	118.1	111.2	119.4	115.5	104.1	111.4	115.2	109.2	104.2	110.1	
BAKERY PRODUCTS	205	1.151	117.8	115.9	115.4	116.8	116.6	117.0	118.2	118.8	121.0	116.5	118.2	120.0	120.6	121.2	
SUGAR	206	.211	123.6	119.0	116.7	136.4	129.6	123.5	115.3	111.7	117.1	124.8	133.2	139.0	127.4	112.6	
CONFECTIONERY	207	.411	107.1	113.3	99.4	125.2	111.2	100.1	111.6	122.7	94.5	97.7	99.5	117.9	83.8	113.0	
BEVERAGES	208	1.581	190.9	176.0	172.6	181.1	177.8	175.7	185.3	186.7	185.7	184.8	184.1	186.9	186.9	190.9	
DEER AND ALE	2082,3	.521	154.2	155.2	144.5	156.7	151.7	145.0	156.4	162.5	154.2	156.3	156.1	162.2	157.2		
WINE AND BRANDY	20841	.071	231.9	211.3	222.8	236.9	233.5	201.0	263.8	250.1	246.1	235.3	250.8	229.2			
LIQUORS	20851	.241	130.9	138.0	126.4	144.1	116.2	126.0	133.9	132.6	135.5	130.2	126.9	124.0	136.9	136.5	
SOFT DRINKS	2086,7	.741	211.6	200.0	202.9	205.1	210.7	211.2	215.8	215.6	219.0	218.2	216.8	220.9	219.9	225.1	
MISC. FOOD PREPARATIONS	209	.971	136.3	134.6	136.4	135.0	136.2	134.8	137.0	143.2	141.4	142.6	140.8	144.4	144.2	143.1	
FATS AND OILS	2091-4,6	.301	137.0	131.4	138.9	135.2	135.0	135.9	136.7	141.9	143.2	141.9	136.0	147.0	135.0	139.9	
COFFEE, MISC. FOOD	2095,7-9	.671	138.9	136.0	135.3	135.0	136.7	134.4	137.2	143.8	140.6	142.8	142.8	143.3	148.4		
Tobacco Products																	
CIGARETTES	211	.671	120.8	120.5	115.9	132.5	116.9	126.5	116.4	117.5	122.5	119.7	123.7	125.8	123.9	127.4	
CIGARS	212	.071	65.2	68.8	66.0	74.1	71.2	71.7	62.2	60.7	63.9	59.5	60.9	57.5	56.4	55.8	
TEXTILE MILL PRODUCTS																	
FABRICS	221-4	1.051	99.6	98.8	97.9	100.1	98.1	97.5	97.1	98.0	100.2	102.0	102.8	104.7	101.6	99.8	
COTTON FABRICS	221,41	.641	73.4	74.4	73.3	74.4	73.2	70.3	72.8	71.3	73.2	75.0	74.1	74.2	74.0	70.2	
HAN-MADE FABRICS	2221	.301	171.2	167.7	165.1	170.6	165.8	168.2	163.6	169.2	173.4	175.8	180.5	186.8	180.7	179.7	
WOOL FABRICS	2231	.141	57.8	55.4	59.1	59.0	59.6	61.9	58.3	56.6	59.1	59.1	58.5	59.0	50.3	55.5	
KNIT GOODS	2251	.631	193.5	189.6	183.7	194.4	189.7	192.1	195.8	188.9	199.5	196.7	197.9	209.7	199.4	197.4	
HOSIERY	2251,21	.211	189.7	187.9	167.5	193.1	181.4	188.3	195.3	173.1	195.3	192.4	200.7	239.0	203.8	202.5	
KNIT GARMENTS	2253-9	.421	195.4	190.6	191.9	195.2	193.9	194.0	196.0	197.2	201.4	198.8	196.5	196.6	197.1	194.8	
FABRIC FINISHING	2261	.231	157.6	141.8	139.0	146.8	156.0	160.1	178.5	163.3	165.0	158.8	167.8	174.9	150.3	150.2	
CARPETING	2271	.201	184.2	171.0	168.9	176.1	182.7	184.7	195.8	190.3	189.3	193.4	187.3	186.8	194.9	193.3	
YARN & MISC. TEXTILES	228,9	.571	132.9	133.4	130.6	135.5	133.1	134.3	133.0	130.3	130.2	135.3	133.2	132.7	134.9	131.7	
APPAREL PRODUCTS																	
MEN'S OUTERWEAR	231,21	1.061	112.4	110.7	107.4	112.2	111.9	109.6	102.5	110.8	120.6	125.9	114.8	118.9	113.4	115.5	
MEN'S SUITS AND COATS	2311	.341	97.7	96.0	96.6	96.1	96.3	102.5	99.1	100.8	107.7	102.8	95.5	97.4	88.4	103.1	
MEN'S FURNISHINGS	2321	.691	122.6	114.4	122.0	121.5	114.7	105.7	117.5	129.1	139.9						
WOMEN'S OUTERWEAR	2331	1.051	154.1	142.4	144.1	162.9	154.1	157.6	149.6	163.1	164.8	151.6	154.4	174.6	164.6	154.7	
MISC. APP. & ALLIED GDS	234-4	1.201	116.9	113.2	116.0	117.0	116.1	117.9	119.0	115.8	117.2	117.3	117.7	120.7	120.5	120.8	
LUMBER AND PRODUCTS																	
LOGGING AND LUMBER	241,21	.621	112.9	110.4	107.5	110.9	106.6	111.5	113.7	108.8	115.0	116.2	115.7	128.3	112.8	111.5	
LUMBER	2421	.591	110.8	108.9	103.7	109.9	106.0	110.6	112.8	106.4	113.6	112.1	113.3	125.4	106.1	106.1	
LUMBER PRODUCTS	243,4,9	.821	165.0	162.5	165.9	163.0	166.2	164.9	161.9	162.5	164.5	167.0	168.6	169.8	170.5	167.5	
MILLWORK AND PLYWOOD	2431	.561	178.9	175.8	180.2	175.4	181.9	179.6	174.7	175.6	178.2	180.3	181.4	184.3	185.8	185.8	
PLYWD, PREFAB PROD	2432,3	.291	199.9	191.5	197.1	188.3	198.7	195.7	187.3	191.5	195.6	202.2	201.5	202.9	207.2		
FURNITURE AND FIXTURES																	
HOUSEHOLD FURNITURE	251	.871	159.8	158.8	155.0	151.6	159.2	161.6	163.6	163.2	166.6	164.1	161.2	162.3	164.8	168.5	
FIXTURES, OFF. FURN.	252,4,9	.421	153.2	144.5	142.3	146.6	148.0	151.5	159.1	159.5	158.4	164.5	161.9	159.5	164.8	162.1	

Table 6. (continued)
DETAILED OUTPUT SERIES

Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1976		1979												
		PRO- POR-1 TIONS	1976 AVG.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.
PAPER AND PRODUCTS																	
	261	3.211															
PULP AND PAPER	261-31	1.381	135.2	135.0	136.4	138.3	138.1	140.1	132.3	129.7	135.3	133.0	135.1	135.4	131.4	136.3	
WOOD PULP	2611	.501	128.4	126.9	129.4	131.5	127.8	132.7	123.7	122.3	133.0	127.0	128.8	128.0	125.0	132.9	
PAPER	2621	.541	136.0	139.0	138.7	141.5	142.2	142.0	134.5	126.8	130.0	133.8	141.1	138.1	132.1	137.0	
PAPERBOARD	2631	.341	143.2	140.8	143.2	142.9	146.0	140.3	141.0	145.3	140.1	143.8	140.0	144.3	138.1	140.0	
CONVERTED PAPER PROD.	2641	.931	155.5	156.3	158.5	157.0	159.1	162.0	153.1	151.8	147.7	154.6	155.4	156.4	148.2	157.3	
SANITARY PAPER PROD.	26471	.181	129.4	130.1	137.6	138.0	140.3	143.0	129.0	114.8	113.9	126.7	119.4	120.0	126.9	129.2	
PAPERBOARD CONTAINERS	2651	.841	150.3	147.0	147.8	153.9	154.5	159.7	139.8	154.8	147.0	154.6	149.7	150.3	154.8	154.5	
BUILDING PAPER AND BOARD	2661	.001	113.5	115.2	113.7	113.6	116.1	113.9	110.8	115.9	111.8	101.0	121.1	120.8	117.9		
PRINTING AND PUBLISHING																	
	271	4.721															
NEWSPAPERS	2711	1.301	106.9	104.8	109.2	107.6	106.7	107.7	107.7	105.8	104.2	103.7	111.9	111.2	107.7	110.0	
PERIODICALS, BOOKS, CARDS	272, 3, 7	1.381	121.4	120.8	122.2	119.0	119.7	118.1	121.7	121.6	123.7	116.3	122.0	123.4	125.5	123.4	
JOB PRINTING	274-8, 9	1.901	152.0	149.3	151.6	150.9	148.8	151.4	152.5	152.0	153.7	153.9	152.0	150.7	163.4	164.0	
CHEMICALS AND PRODUCTS																	
	281	7.741															
CHEMICALS & SYN. MAT.	281-21	3.791	210.0	199.7	204.8	205.7	210.5	213.8	212.7	213.4	215.7	216.5	220.8	218.0	221.8	223.5	
BASIC CHEMICALS	2811	2.541	173.7	163.0	167.3	171.0	174.9	178.7	174.5	177.3	179.2	178.7	180.2	178.7	179.6	183.0	
ALKALIES & CHLORINE	28121	.141	118.0	118.2	109.8	117.7	114.0	119.9	118.6	120.0	120.9	118.1	121.3	125.3	115.6	128.1	
GASES, ETC.	2813, 5, 6	.481	116.8	115.8	185.1	184.0	184.7	180.9	177.0	182.8	190.8	189.9	194.9				
BASIC ORG. CHEM.	28181	1.181	205.9	202.8	204.0	206.6	207.5	211.4	207.0	207.5	208.6	204.4	209.0	210.5	212.7	220.1	
INORG. CHEM. NEC	28191	.751	127.7	108.0	109.0	117.1	128.4	137.3	132.9	137.0	139.8	136.0	135.0	132.4	128.1	129.8	
ACIDS & FERTILIZER MAT.		.551	131.5	122.4	125.9	130.9	127.2	132.4	131.3	137.1	138.8	138.3	138.3	138.3	134.2	136.5	
SULFURIC ACID, ETC.		.411	125.5	115.7	117.4	123.4	120.1	127.7	125.2	133.1	133.0	133.0	131.0	132.4	129.9	134.5	
FERTILIZER MATERIALS		.141	148.5	141.2	150.2	152.7	147.0	146.1	148.5	148.9	146.8	151.0	150.0	155.3	148.3	144.4	
ERDA NUCLEAR MATLS		.151	121.0	96.7	98.2	70.0	139.4	165.7	147.0	147.3	160.7	138.1	143.4	118.3	112.0	112.9	
SYNTHETIC MATERIALS	2821	1.251	280.3	274.5	281.4	276.0	283.2	284.9	290.5	286.9	290.1	297.7	303.0	297.9	307.5	306.1	
PLASTICS MATERIALS	28211	.541	306.2	328.9	353.4	358.6	350.4	362.5	378.9	371.2	369.0	383.3	385.9	384.7	386.7		
SYNTHETIC RUBBER	28221	.131	127.3	126.4	125.5	128.0	124.9	124.3	124.3	127.7	130.0	127.3	134.5	136.5			
MAN-MADE FIBERS	2823, 4	.581	250.4	258.0	250.1	234.6	251.9	249.0	248.3	248.8	253.4	257.0	265.9	254.2	274.2	279.0	
CHEMICAL PRODUCTS	283-7, 9	3.951	171.0	160.4	167.9	167.2	167.2	170.9	171.0	173.9	171.9	174.8	177.4	178.0	180.2	179.3	
DRUGS AND MEDICINES	2831	1.341	217.5	212.7	212.4	213.3	214.1	219.3	220.6	220.9	215.9	218.0	221.4	228.0	225.0	225.9	
SOAP AND TOILETRIES	2841	1.291	155.8	154.8	152.5	151.1	148.9	153.2	151.0	150.0	158.5	161.0	162.0	161.4	168.8	165.3	
PAINTS	2851	.431	112.8	108.0	109.3	108.4	112.2	112.0	113.9	118.0	110.9	117.1	123.0	119.3	118.0	116.9	
AGRICULTURAL CHEMICALS	2871	.331	215.3	213.6	212.4	207.7	206.4	210.1	219.0	219.2	218.7	220.0	223.7	221.1	224.2	220.9	
PETROLEUM PRODUCTS																	
	291	1.791															
PETROLEUM REFINING	291, 9	1.641	143.9	138.0	140.8	141.2	146.9	141.4	144.6	143.0	143.0	147.2	145.1	156.0	150.0	148.0	144.3
AUTOMOTIVE GASOLINE		.841	145.1	141.2	144.5	141.1	145.4	141.8	143.3	141.1	144.9	143.7	154.0	154.0	154.0	150.5	150.5
DISTILLATE FUEL OIL		.291	143.0	128.8	139.4	139.2	150.3	137.7	145.2	147.9	150.0	151.1	148.9	148.9	138.5	131.0	
RESIDUAL FUEL OIL		.051	222.1	200.1	209.9	216.5	240.0	230.8	243.3	252.0	254.3	234.8	211.4	201.0	208.2	208.0	
AVIATION FUEL & KEROS.		.171	99.0	97.8	82.4	104.9	108.2	101.0	102.8	97.0	107.0	95.3	95.8	94.1	93.9	92.0	
MISC. PETROLEUM PROD.		.201															
REFINERY FUEL NEC		.061															
REFINERY NONFUEL MAT.		.141															
REFINERY PRODUCTS NEC		.061															
RUBBER & PLASTICS PROD.																	
	301	2.241															
TIRES	3011	.601	165.0	149.0	156.6	169.8	163.6	163.4	179.9	173.2	169.0	171.8	171.3	180.1	169.3	162.5	
RUB. PROD. EX. TIRES	302, 3, 6	.601	157.3	153.0	153.6	158.0	150.3	158.5	154.7	159.5	160.2	156.9	156.8	161.4	164.9	167.2	
PLASTICS PRODUCTS NEC	3071	.981	377.1	358.7	359.9	363.4	372.5	376.4	368.0	389.3	387.7	381.0	392.9	399.4	403.2	401.7	
LEATHER AND PRODUCTS																	
	311	.861															
PERKS. LEATHER GDS.	313, 5-7, 9	.221	95.4	91.3	96.1	100.1	98.1	98.4	93.5	94.1	95.4	95.5	95.1	94.7	96.4	92.3	
SHOES	3141	.531	64.1	63.7	58.3	69.2	64.7	64.5	64.5	63.9	63.0	62.7	68.3	64.3	67.3	67.1	
CLAY, GLASS & ST. PROD.																	
	321	2.741															
PRESSED AND BLOWN GLASS	3221	.491	155.1	153.9	152.8	159.4	156.7	154.4	154.9	152.1	159.9	150.9	161.5	156.7	163.8	168.1	
GLASS CONTAINERS	32211	.201	144.2	149.3	144.8	154.5	148.4	142.9	141.7	133.0	149.3	137.0	149.3	134.0	150.2	156.7	
CEMENT	3241	.271	120.8	93.0	115.1	125.3	123.3	128.1	121.8	120.9	120.8	128.2	124.8	140.0	92.9		
STRUCTURAL CLAY PRODUCTS	3251	.201	124.7	119.8	119.8	119.8	126.7	123.0	123.0	126.7	127.7	127.8	127.8	131.7	131.6	126.7	
BRICK	32511	.061	127.3	120.0	121.5	123.5	128.9	133.9	125.1	130.7	130.5	128.7	124.6	134.4	134.0	123.9	
CONCRETE, MISC. CLAY MFR.	326-9	1.511	162.7	155.1	157.9	159.3	160.5	163.0	164.4	165.0	164.8	167.9	168.8	170.1	174.0	173.8	
PRIMARY METALS																	
	331	6.571															
IRON AND STEEL	331, 2	4.211															
BASIC STEEL & MILL PROD	3311	3.341	113.5	94.6	95.2	109.1	112.7	117.5	124.3	119.7	123.5	124.3	122.2	125.3	106.7	106.3	
BASIC IRON AND STEEL		1.341	104.8	89.7	88.2	97.4	104.7	109.4	110.5	114.7	115.2	115.3	114.3	111.7	101.0	101.0	
PIG IRON		.461	100.0	85.2	86.8	92.0	100.0	104.8	105.7	108.0	110.7	110.3	109.5	109.5	94.3	94.7	
RAW STEEL		.721	114.4	100.4	99.0	107.4	113.8	118.0	119.5	125.5	124.8	124.6	121.1	121.0	109.9	111.1	
COKE AND PRODUCTS		.161	74.7	53.9	40.6	67.7	77.2	81.0	83.7	82.8	85.9	86.8	87.0	86.0	80.4	77.8	
STEEL MILL PRODUCTS		2.011	119.4	98.0	99.5	116.9	118.1	122.9	133.0	123.1	129.0	130.4	127.0	134.4	110.5	112.7	
CONSUMER DUR. STEEL		.311	127.2	101.5	97.0	113.9	121.4	128.9	149.0	134.1	144.1	148.8	139.9	147.2	117.1	118.2	
EQUIPMENT STEEL		.511	129.2	103.3	107.4	126.8	131.8	134.5	149.8								

Table 7. (continued)
DETAILED OUTPUT SERIES

Not Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967		1978												1979	
		PRO- DUM	AVG.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	
PAPER AND PRODUCTS	26	3.211															
PULP AND PAPER	261-3	1.381	135.2	139.0	141.0	143.1	141.1	143.0	123.4	130.0	137.5	136.0	122.9	131.0	131.0	125.3	135.0
WOOD PULP	2611	.501	128.4	129.4	133.2	130.0	130.5	136.3	117.9	123.5	128.0	130.0	116.4	116.4	125.3	135.0	
PAPER	2621	.541	136.0	145.0	144.0	140.5	144.5	144.7	122.9	125.8	126.4	130.1	135.4	127.0	132.1	142.9	
PAPERBOARD	2631	.341	143.2	146.0	147.9	148.0	151.0	150.2	132.1	148.8	140.3	144.4	140.0	120.1	137.3	145.2	
CONVERTED PAPER PROD.	2641	.931	135.3	142.0	145.0	142.7	142.0	142.8	141.2	149.4	143.9	154.1	150.2	140.0	150.0	163.3	
SANITARY PAPER PROD.	26471	.161	149.4	130.5	142.0	143.0	143.2	143.2	119.5	113.0	108.7	125.7	141.2	140.0	127.0	135.5	
PAPERBOARD CONTAINERS	2651	.841	150.3	149.5	151.9	150.4	153.4	162.4	131.8	157.3	154.1	160.3	149.8	140.0	147.5	156.5	
BUILDING PAPER AND BOARD	2661	.061	113.5	118.2	118.9	121.0	121.3	117.3	105.7	123.7	112.1	105.8	116.3	102.3	100.8		
PRINTING AND PUBLISHING	271	4.721															
NEWSPAPERS	2711	1.301	106.9	102.4	107.0	112.4	112.0	107.8	98.0	99.3	103.9	104.7	120.9	111.9	94.0	107.5	
PERIODICALS, BOOKS, CARDS	272,3,7	1.301	121.4	113.7	114.5	112.9	113.0	123.3	130.0	136.7	138.2	120.2	120.5	113.0	113.1	116.1	
JOB PRINTING	274-0,0,0,9	1.901	152.0	134.2	130.3	138.8	143.9	159.1	160.0	173.7	175.0	163.7	152.5	140.0	143.0	147.4	
CHEMICALS AND PRODUCTS	281	7.741															
CHEMICALS & SYM. MAT.	281,21	3.791	210.8	199.3	205.2	209.0	212.0	215.9	207.0	211.5	218.7	218.7	221.7	217.1	214.9	223.1	
BASIC CHEMICALS	2811	2.541	173.7	150.0	165.1	171.5	175.0	177.8	173.5	176.2	180.5	181.0	181.8	180.7	170.2	178.2	
ALKALIES & CHLORINE	28121	.141	118.0	116.7	108.3	119.5	116.3	118.9	117.9	119.0	118.0	118.9	125.4	126.9	111.0	120.0	
GASES, ETC.	2813,5,0,1	.401	183.2	160.3	184.2	186.0	188.0	189.0	177.0	179.0	191.9	192.0	187.5				
BASIC ORG. CHEM.	28181	1.181	205.9	189.8	197.9	203.3	203.0	209.5	210.7	212.3	213.4	211.8	213.0	213.4	211.0	200.0	
INORG. CHEM. NEC	28191	.751	127.7	111.0	112.2	122.3	134.2	131.8	123.2	128.0	133.2	139.5	138.7	134.1	120.4	133.3	
ACIDS & FERTILIZER MAT.		.551	131.5	120.4	128.9	130.7	133.1	132.9	124.0	130.9	133.0	137.4	130.9	128.0	120.0	141.0	
SULFURIC ACID, ETC.		.411	145.5	114.2	119.2	126.5	124.9	128.1	120.7	127.5	130.0	132.5	134.0	127.0	125.1	130.5	
FERTILIZER MATERIALS		.141	148.5	147.3	156.8	160.0	157.0	167.0	155.9	140.0	142.0	151.1	149.7	153.0	138.5	148.5	
ROCK NUCLEAR MATLS		.151	121.0	50.9	50.9	75.1	147.5	130.4	122.9	127.7	139.5	157.0	150.7	128.7	124.3	113.2	
SYNTHETIC MATERIALS	2821	1.251	200.3	202.2	207.0	205.5	208.3	203.4	275.1	283.5	294.7	294.4	303.6	291.3	290.7	314.7	
PLASTICS MATERIALS	28211	.501	300.4	339.1	303.7	371.7	304.2	375.0	352.0	300.0	300.1	301.0	302.4	307.9	300.4		
SYNTHETIC RUBBER	28221	.131	127.3	129.3	127.4	134.0	127.9	121.7	118.7	125.9	129.8	128.0	132.8	130.1			
MAN-MADE FIBERS	2823,4	.581	250.4	204.5	252.4	240.0	294.7	250.3	239.4	243.1	253.1	251.2	268.3	249.4	209.0	200.0	
CHEMICAL PRODUCTS	283-7,9	3.951	171.0	180.0	163.4	165.5	168.4	179.3	180.0	180.2	184.5	181.0	174.0	160.5	160.0	170.3	
DRUGS AND MEDICINES	2831	1.341	217.5	197.4	198.8	205.4	212.0	233.6	238.3	235.0	238.0	232.4	214.4	205.4	203.2	209.0	
SOAP AND TOILETRIES	2841	1.291	155.8	148.0	151.3	148.7	148.0	150.3	158.5	158.0	170.7	160.4	154.7	153.0	155.5	158.7	
PAINTS	2851	.431	112.8	105.8	112.2	115.9	122.9	130.3	118.7	126.1	116.2	113.2	109.5	92.0	101.4	113.9	
AGRICULTURAL CHEMICALS	2871	.331	125.3	107.2	220.5	220.0	215.7	213.7	212.0	214.0	212.0	214.5	219.2	221.3	217.4	214.3	
PETROLEUM PRODUCTS	291	1.791															
PETROLEUM REFINING	291,0,1	1.001	143.9	135.9	135.7	135.8	142.8	143.7	140.0	147.4	148.5	140.3	150.5	153.1	145.9	141.0	
AUTOMOTIVE GASOLINE		.801	145.1	135.3	137.3	134.3	142.5	144.7	131.0	148.4	148.2	144.4	153.7	160.9	152.0	144.2	
DISTILLATE FUEL OIL		.291	143.2	134.3	136.5	132.0	143.1	139.1	143.5	146.1	140.1	152.0	151.4	154.4	142.3	136.0	
RESIDUAL FUEL OIL		.051	222.1	237.7	222.1	206.5	214.0	207.5	214.0	217.2	223.3	212.7	223.0	243.7	233.2	244.7	
AVIATION FUEL & KEROS.		.171	99.0	104.2	85.2	105.2	103.7	97.2	97.8	94.3	100.0	97.0	90.0	90.0	95.0	90.0	
MISC. PETROLEUM PROD.		.201															
REFINERY FUEL NEC		.001															
REFINERY NONFUEL MAT.		.141															
REFINERY PRODUCTS NEC		.081															
RUBBER & PLASTICS PROD.	301	2.241															
TIRES	3011	.001	105.0	170.5	175.1	175.0	158.4	163.9	130.0	157.0	171.5	183.3	104.0	171.0	181.5	184.0	
RUB. PROD. EX. TIRES	302,3,0,1	.001	157.3	154.5	153.4	155.1	155.7	160.7	150.1	160.0	162.8	162.2	161.3	160.1	169.0		
PLASTICS PRODUCTS NEC	3071	.901	377.1	300.0	306.7	300.1	370.2	304.7	302.0	308.1	393.1	397.2	402.3	305.8	370.2	410.5	
LEATHER AND PRODUCTS	311	.801															
PERS. LEATHER GDS.	313,5-7,9	.221	95.4	90.0	95.3	96.6	96.0	100.0	89.1	90.0	97.5	99.0	99.9	95.7	91.4	91.0	
SHOES	3141	.531	04.1	00.0	02.6	71.8	04.2	07.7	53.9	05.2	05.5	05.5	04.0	50.5	00.7	71.7	
CLAY, GLASS & STONE PROD.	321	2.741															
PRESSED AND BLOWN GLASS	3221	.491	155.1	150.0	157.1	160.7	160.1	163.4	155.5	156.3	159.3	159.3	155.7	139.3	154.5	165.2	
GLASS CONTAINERS	32211	.201	144.2	147.7	151.0	150.2	154.2	150.2	141.6	143.0	140.2	145.2	139.0	112.7	141.3	157.0	
CEMENT	3241	.271	120.8	64.7	90.0	127.1	130.0	159.3	143.0	154.7	145.9	155.1	121.2	94.0	51.1		
STRUCTURAL CLAY PRODUCTS	3251	.201	124.7	115.0	116.8	122.3	127.7	129.7	123.3	130.2	127.2	130.7	130.7	120.7	124.0	124.0	
BRICK	32511	.001	127.3	110.0	122.2	127.1	130.4	139.4	127.4	140.0	132.1	135.7	135.3	120.8	115.0	114.2	
CONCRETE, MISC. CLAY MFR.	326-9	1.511	102.7	150.1	153.0	159.8	161.0	160.8	162.3	167.9	160.0	172.4	174.0	167.9	160.8	160.1	
PRIMARY METALS	331	6.571															
IRON AND STEEL	331,2,1	4.211															
BASIC IRON & MILL PROD	3311	3.341	110.5	90.5	102.7	119.2	120.7	120.2	116.2	110.4	117.0	119.0	110.5	120.5	107.2	112.5	
BASIC STEEL AND STEEL		1.341	104.8	94.1	95.4	100.1	111.0	111.7	104.4	105.0	108.1	110.2	109.8	106.1	101.9	100.4	
PIG IRON		.401	100.0	80.0	92.0	99.8	100.0	107.0	102.0	100.9	102.0	104.9	104.0	103.0	94.9	90.7	
RAW STEEL		.721	114.4	105.0	109.2	117.9	121.0	120.5	110.5	114.1	117.2	119.5	118.9	110.3	111.0	117.1	
COKE AND PRODUCTS		.101	70.7	50.0	41.8	71.4	80.0	82.9	81.8	80.4	82.5	82.9	83.8	85.3	80.7	80.0	
STEEL MILL PRODUCTS		2.011	119.4	101.5	107.5	127.9	120.8	125.9	124.1	113.0	124.0	126.2	121.0	120.0	110.7	116.5	
CONSUMER DUR. STEEL		.511	127.2	109.9	110.5	129.2	129.5	128.0	131.1	126.0	130.2	144.5	135.3	127.0	123.4	128.0	
EQUIPMENT STEEL		.511	129.2	110.9	119.6	140.0	138.9	134.2	132.0	123.3	134.4	135.0	129.5	134.9	112.9	122.4	
CONSTRUCTION STEEL		.441															

Table 6. (continued)
DETAILED OUTPUT SERIES

Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1978												1979	
		PRO- POR- TION	1978 AVG.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.
NONFERREROUS METALS	333-6,9	2.36	130.0	124.0	123.9	124.7	129.8	123.2	129.5	137.5	136.6	136.4	137.6	140.8	139.8	136.0
PRIMARY NONF. METALS	3331	.45	131.3	125.1	124.0	127.3	126.9	126.4	127.3	139.2	137.7	140.5	137.9	134.8	135.8	136.1
COPPER	33311	.09	135.9	118.6	126.7	126.7	129.0	125.6	123.3	164.0	155.9	154.7	150.0	130.2	134.9	141.9
ALUMINUM	3334	.27	147.0	143.5	140.2	142.3	144.0	146.0	148.0	151.5	150.3	150.8	151.0	151.6	151.6	148.6
SECONDARY NONF. METALS	334	.09	159.5	148.2	147.6	139.9	154.1	162.3	161.2	163.9	169.3	172.8	177.0	176.9		
NONFERREROUS PRODUCTS	335-6	1.45	138.3	132.9	133.2	132.5	131.7	130.1	136.9	147.3	146.1	144.6	146.5	153.1	153.3	146.7
NONFERREROUS MILL PROD	3351	1.09	150.1	142.3	143.9	141.5	142.0	140.3	150.8	160.7	159.7	158.1	160.6	166.1	169.6	159.5
COPPER MILL PROD		.46	122.3	110.6	119.9	108.9	114.8	104.3	128.3	134.0	140.1	126.3	131.9	146.8	144.4	138.6
ALUMINUM MILL PROD		.61	171.9	167.2	162.8	167.0	164.6	168.5	168.5	161.8	175.2	163.1	163.0	164.8	169.6	176.0
CONSTRUCTION		.13	199.4	199.5	191.1	193.9	197.3	196.3	191.2	212.1	200.2	210.4	212.4	205.2	214.4	201.3
NONCONSTRUCTION		.46	164.5	158.5	155.1	159.8	159.7	161.0	162.3	173.8	168.4	175.0	175.0	175.3	183.0	168.9
NONFERREROUS FOUNDRIES	336	.35	101.5	103.7	99.6	104.5	97.9	98.3	102.1	105.4	103.3	102.5	101.9	106.2	102.7	107.0
FABRICATED METAL PRODUCTS	34	5.93														
METAL CANS	341	.36	146.3	142.9	145.6	145.0	145.1	148.2	147.7	144.4	148.5	148.5	150.2	148.7	147.4	147.0
HOME, PLUMB, STRUCT, MET	342-4	2.67	149.4	143.9	144.8	145.9	146.5	149.5	152.0	156.5	153.0	150.3	152.4	155.6	157.8	159.3
HARDWARE, TOOLS, CUTL	3421	.76	134.9	130.8	130.4	133.2	134.0	135.3	138.0	142.0	137.0	135.8	137.1	136.0	137.0	139.1
STRUCTURAL METAL PROD	344	1.02	155.9	150.2	152.3	152.5	152.4	156.2	157.4	162.8	159.4	156.4	156.3	164.0	167.3	166.9
OTHER FAB. MET. PROD.	345-9	2.89	136.1	129.0	130.5	133.0	134.0	136.2	138.3	138.4	139.1	146.1	141.5	142.7	144.1	144.5
FASTENERS, STAMP, ETC	345-8	2.03	128.8	122.4	123.3	126.5	127.3	129.6	131.6	131.3	131.8	131.4	133.6	133.6	134.0	135.0
NONELECTRICAL MACHINERY	35	9.15														
ENGINE AND FARM EQUIP.	351-2	1.20	166.8	164.2	164.8	166.0	161.3	161.5	167.7	168.7	169.6	169.1	171.3	176.4	174.1	176.9
FARM TRACTORS		.19	90.2	98.3	97.8	91.9	66.0	94.5	85.2	104.6	88.5	81.3	87.1	100.4	102.7	108.6
CONSTRUCTION & ALLIED EQ	353	1.36	165.6	160.2	162.0	160.8	162.2	165.5	167.0	166.4	167.7	166.4	170.0	175.2	175.4	177.2
TRACKLAYING TRACTORS		.16	111.5	112.9	104.6	100.4	94.8	105.9	111.4	119.9	106.3	129.1	110.9	135.7	111.1	116.8
METALWORKING MACHINERY	354	1.67	115.3	110.4	108.6	110.6	113.9	117.3	116.8	119.6	119.8	119.2	118.1	118.3	119.7	120.6
SPEC. & GENL IND EQ	355-6	2.30	123.4	118.9	122.2	122.0	123.8	123.8	124.8	124.8	125.1	124.7	124.9	126.9	130.1	130.1
OFFICE, SERV., & MISC.	357-9	2.64	199.2	192.9	193.1	195.9	193.6	198.6	199.9	202.0	204.0	206.1	205.9	208.0	209.2	207.0
ELECTRICAL MACHINERY	36	4.05														
MAJOR ELECT. EQ. & PTS.	361-2	1.74	136.0	128.6	129.9	129.5	133.0	134.3	137.2	140.4	142.9	140.5	141.8	143.7	144.9	146.8
HOUSEHOLD APPLIANCES	363	.63	149.8	158.5	157.6	168.0	161.0	164.6	147.1	150.4	146.7	141.0	135.9	135.5	135.4	156.6
COOKING STOVES	3631	.08	146.9	156.5	162.6	148.2	161.3	158.9	142.2	161.6	139.8	142.1	121.7	135.0	142.9	
REFRIGERATION APPL.	3632	.26	129.0	139.4	136.8	144.0	143.7	145.1	129.1	130.3	127.5	117.2	107.3	106.5	108.5	138.2
LAUNDRY APPLIANCES	3633	.13	135.6	165.7	154.4	154.8	164.2	149.3	135.2	116.4	124.6	117.2	111.1	121.5	117.9	160.3
MISC. APPLIANCES	3634-6,9	.36	171.2	169.9	173.0	191.1	172.1	186.6	186.3	170.5	170.8	166.5	169.4	162.6	166.0	171.5
TV AND RADIO SETS	365	.52	109.9	110.2	111.0	119.7	108.8	112.3	133.4	110.3	119.5	117.3	99.0	107.9	98.9	99.4
COMMUNICATION EQUIPMENT	366	2.30	125.3	116.8	120.2	122.1	120.8	122.5	127.6	128.5	129.2	124.9	133.1	135.0	136.8	138.2
ELECTRONIC COMPONENTS	367	1.45	124.4	120.7	211.8	216.5	224.2	221.6	230.8	233.7	228.7	234.3	240.8	245.1	248.1	248.2
TV TUBES	3671-3	.31	39.8	33.8	32.5	38.9	44.3	39.3	45.5	50.0	35.6	44.3	45.8	36.9	41.3	37.3
MISC. ELECTRICAL SUPP.	369	.49	167.0	182.6	186.3	191.5	190.1	186.0	189.7	186.6	187.9	186.8	185.6	199.8	151.2	195.5
STORAGE BATTERY, REPL.	3691	.04	223.9	224.0	227.1	235.3	217.3	219.2	220.0	223.7	224.9	226.9	216.8	246.8	215.2	230.8
TRANSPORTATION EQUIPMENT	37	9.27														
MOTOR VEHICLES AND PARTS	371	4.50														
AUTOS, TOTAL		1.90	148.5	131.5	149.7	159.1	151.6	149.8	152.7	151.1	144.4	154.2	159.7	151.8	145.9	144.9
LARGE AUTOS		1.79	100.6	88.1	103.2	104.6	102.4	99.1	104.0	99.1	94.6	105.3	111.7	105.6	100.5	97.3
SMALL AUTOS		.11	93.6	84.5	912.8	974.5	959.2	983.5	952.5	1007.1	963.3	960.0	949.5	912.3	890.5	927.5
TRUCKS AND BUSES		.53	247.8	213.8	241.3	260.0	251.6	252.6	243.0	247.0	249.3	272.8	271.1	267.9	268.0	251.4
BUSINESS VEHICLES		.40	157.7	128.0	162.0	171.6	161.7	160.6	149.9	152.7	152.0	176.8	177.9	192.7	166.2	160.5
UTILITY VEHICLES		.13	517.7	478.5	478.4	524.5	519.4	527.2	522.1	529.8	541.1	560.0	549.4	573.7	572.5	
TRUCK TRAILERS		.09	235.9	216.1	229.3	232.6	248.2	241.4	229.3	236.3	226.3	241.0	246.4	262.8	231.2	241.4
MOTOR VEHICLE PARTS		1.90	163.1	154.6	156.8	157.8	158.7	159.4	163.8	166.1	166.5	169.9	174.1	173.7	174.3	172.4
AIRCRAFT AND PARTS	372	3.73	80.5	71.5	75.6	76.9	79.0	81.2	82.3	83.5	85.2	85.6	85.6	86.8	84.0	90.8
SHIPS AND BOATS	373	.56	159.5	154.3	155.5	160.9	160.3	162.5	158.8	159.5	163.7	160.9	158.4	164.3	159.3	160.5
RAIL & MISC TRANS EQ	374-9,9	.49	131.1	116.3	126.0	124.5	130.5	123.0	140.1	144.1	131.7	136.0	140.5	146.4	146.4	143.3
RAILROAD EQUIPMENT	374	.26	117.9	90.6	109.1	114.1	115.2	104.1	145.2	137.4	118.5	125.0	133.6	142.3	137.9	135.9
MOBILE HOMES	379	.18	121.7	125.3	122.0	111.8	123.3	118.9	104.9	128.3	121.3	126.6	124.1	127.4	135.5	
INSTRUMENTS	38	2.11														
EQUIPMENT INSTR. & PTS.	381-4	1.07	182.4	173.6	178.6	180.1	179.5	181.6	184.6	184.8	185.0	185.7	188.1	194.1	192.5	194.9
CONSUMER INSTR. PROD.	385-7	1.04	160.6	153.4	158.8	160.5	160.3	159.9	162.0	165.1	162.9	163.1	162.9	164.8	166.8	167.5
MISC. MANUFACTURES	39	1.54														
MISC. CONGS. GOODS	391,3,4,6,8	.86	151.6	150.9	154.4	151.5	152.0	152.4	150.8	151.4	152.0	150.9	149.0	151.2	151.1	153.3
MISC. BUS. SUPPLIES	395,9	.68	155.5	153.7	153.4	153.5	155.2	156.8	156.4	154.9	157.0	156.0	157.3	158.5	159.8	161.0
ELECTRIC UTILITIES		3.88														
ELEC UTIL GENERATION		1.90	178.8	180.1	170.0	169.2	174.1	177.6	161.0	180.3	181.4	180.8	182.0	185.7	187.1	187.1
FOSSIL FUEL GENERATION		1.54	163.5	167.5	157.6	157.0	159.9	162.9	163.6	163.7	163.9	161.9	164.2	169.7	173.7	
HYDRO & NUCLEAR GENERAT.		.36	244.4	234.3	223.2	221.9	235.0	240.8	255.5	251.7	257.2	261.6	256.6	253.9	244.9	
ELEC UTIL SALES		1.94	185.5	188.1	187.4	180.7	180.1	182.4	183.3	186.0	187.2	187.6	188.0	187.4		
RESIDENTIAL KWH		.83	196.5	206.7	206.2	193.0	190.0	192.8	194.2	194.4	195.5	198.4	197.2	194.9		
NONRESIDENTIAL KWH		1.														

Table 7. (continued)
DETAILED OUTPUT SERIES

Not Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967												1978		1979	
		PRO- DUCTION	1967 AVG.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	
NONFERRUG METALS	333-0-9	2.36	130.0	130.1	132.2	131.9	130.7	131.7	115.6	129.7	134.1	136.7	134.2	133.1	157.6	142.4	
PRIMARY NONF. METALS	3331	.45	131.3	112.9	127.8	129.5	130.2	128.0	121.6	132.6	135.5	139.9	139.4	133.5	134.8	140.3	
COPPER	33311	.09	135.9	125.0	138.4	133.7	134.5	129.1	101.2	143.0	151.2	155.0	157.0	127.9	133.7	150.0	
ALUMINUM	33341	.27	147.0	114.1	142.3	144.2	146.0	147.0	147.0	147.7	148.6	149.7	150.2	150.7	150.7	151.3	
SECONDARY NONF. METALS	3341	.09	159.5	110.5	159.4	155.0	159.5	169.5	133.0	154.7	169.6	175.7	176.1	162.6			
NONFERRUG PRODUCTS	335-0-0	1.45	138.3	134.0	142.9	142.4	139.7	141.7	121.7	138.0	143.0	144.9	140.0	141.6	146.9	153.2	
NONFERRUG MILL PROD	3351	1.09	150.1	1147.7	154.6	152.7	152.2	153.6	135.3	151.9	155.1	156.4	155.2	155.8	163.0	165.4	
COPPER MILL PROD		.46	122.3	113.6	130.0	121.0	124.4	117.8	103.3	119.5	134.9	127.2	131.0	139.3	136.2	142.3	
ALUMINUM MILL PROD		.61	171.9	1174.6	173.9	177.5	174.1	162.1	160.4	177.3	171.0	179.3	170.6	168.7	182.4	183.7	
NONCONSTRUCTION		.13	199.4	1203.9	201.6	205.7	203.8	213.8	183.0	213.4	200.2	214.8	200.9	180.4	199.4	205.9	
NONFERRUG FOUNDRIES	3361	.48	164.5	1186.6	166.3	169.9	166.0	173.4	154.2	167.5	169.0	169.7	164.4	165.5	177.9	177.5	
NONFERRUG FOUNDRIES	3361	.35	101.5	1111.9	106.5	110.2	100.5	104.1	79.4	97.1	105.1	109.0	101.3	97.3	105.0	115.5	
FABRICATED METAL PRODUCTS	34-0-0	5.93															
METAL CANS	3411	.38	146.3	1141.8	143.3	142.7	145.0	150.7	155.4	154.9	154.9	150.1	143.9	137.4	141.8	145.8	
HOME PLUMB, STRUCT, MET	342-0-0	2.67	149.4	1147.2	147.6	146.3	147.2	149.9	145.9	150.7	153.3	154.4	155.1	155.0	154.8	162.8	
HARDWARE, TOOLS, CUTL	3421	.70	134.9	1133.5	133.7	133.7	134.9	136.0	132.3	133.2	139.1	141.1	139.8	135.8	134.1	141.9	
STRUCTURAL METAL PROD	3422	1.62	155.9	1152.9	154.1	152.2	153.5	156.5	151.9	154.1	158.6	159.7	161.5	164.2	164.1	171.0	
OTHER FAB. MET. PROD.	343-0-0	2.89	136.1	1151.8	132.4	133.4	134.8	138.1	131.7	136.2	141.5	143.3	142.9	141.0	138.9	147.7	
FASTENERS, STAMP, ETC	343-0-0	2.03	128.8	1125.0	125.5	127.5	128.4	131.2	124.1	128.4	134.0	135.3	135.2	132.1	129.0	138.0	
NON-ELECTRICAL MACHINERY	35-0-0	9.15															
ENGINE AND FARM EQUIP.	351-2-0	1.20	166.6	1168.8	170.4	166.5	161.1	168.1	155.6	157.1	175.0	172.7	170.3	176.6	172.9	182.2	
FARM TRACTORS		.19	90.2	1105.0	110.4	103.1	90.1	108.0	58.2	77.0	103.5	96.8	78.0	84.8	101.7	116.0	
CONSTRUCTION & ALLIED EQ	352-0-0	1.36	165.6	1164.5	164.1	163.4	159.9	167.7	159.0	162.3	173.7	172.9	173.6	172.2	169.1	181.8	
TRACKING TRACTORS		.16	111.5	1119.8	115.4	112.7	100.1	115.0	93.9	102.4	118.4	128.8	108.7	114.5	104.0	123.9	
METALWORKING MACHINERY	353-0-0	1.07	115.3	1112.3	111.4	111.5	112.2	117.4	114.3	117.6	121.6	122.1	118.2	115.3	117.9	125.1	
SPEC. & GENL IND EQ	353-0-0	2.30	123.4	1120.4	122.2	121.1	122.4	126.2	120.5	123.9	128.9	126.4	126.8	124.6	120.3	131.7	
OFFICE, SERV., & MISC.	357-0-0	2.63	199.2	1189.2	188.9	191.2	192.4	206.5	209.9	209.3	215.2	212.3	204.9	194.2	196.9	203.3	
ELECTRICAL MACHINERY	36-0-0	8.05															
MAJOR ELECT. EQ. & PTS.	361-2-0	1.74	136.0	1126.2	129.1	130.1	133.8	136.5	139.3	136.9	149.8	147.0	140.0	137.1	140.7	144.6	
HOUSEHOLD APPLIANCES	362-0-0	.63	149.8	1161.8	160.8	175.5	160.8	168.1	138.6	138.4	153.5	156.6	135.6	116.8	135.5	159.7	
COOKING STOVES	3621	.08	146.9	1161.4	160.2	167.5	172.3	169.9	116.9	151.8	150.0	160.2	119.3	110.8	122.5	147.0	
REFRIGERATION APPL.	3622	.26	129.0	1141.4	148.7	167.8	151.7	159.8	145.0	92.0	124.1	130.3	100.8	78.9	106.4	140.6	
LAUNDRY APPLIANCES	3623	.13	135.6	1161.2	147.8	160.4	160.4	147.8	114.9	135.8	132.6	140.3	103.7	94.8	128.4	155.2	
MISC. APPLIANCES	3624-0-0	.36	171.2	1177.0	174.7	188.8	184.9	181.5	147.5	170.2	183.4	186.0	177.6	153.1	160.4	178.4	
TV AND RADIO SETS	363-0-0	.52	109.7	1106.1	113.6	114.0	109.2	113.8	96.7	108.4	129.1	123.9	107.9	100.6	95.0	105.7	
COMMUNICATION EQUIPMENT	364-0-0	2.00	123.3	1116.4	120.0	119.7	120.0	122.4	124.2	127.3	130.1	130.5	135.5	130.9	137.9		
ELECTRONIC COMPONENTS	367-0-0	1.43	224.4	1206.1	214.6	215.2	218.4	226.0	220.2	229.5	229.4	237.1	244.4	247.6	249.4		
TV TUBES	3671-0-0	.31	39.8	136.7	36.8	41.1	43.1	36.6	31.0	49.0	36.9	51.7	44.8	27.7	46.0	40.5	
MISC. ELECTRICAL SUPP.	369-0-0	.49	187.0	1178.8	172.5	176.6	176.6	177.6	176.4	186.6	204.1	205.1	201.4	212.0	196.9	191.2	
STORAGE BATTERY, REPL.	3691	.09	223.9	1215.9	177.6	169.2	154.9	173.4	182.4	236.4	295.1	304.4	269.4	286.9	243.6	222.5	
TRANSPORTATION EQUIPMENT	37-0-0	9.27															
MOTOR VEHICLES AND PARTS	371-0-0	4.50															
AUTOS, TOTAL		1.90	146.5	1143.6	164.5	182.7	166.4	164.8	114.5	96.4	147.6	115.2	165.6	128.9	140.3	157.8	
LARGE AUTOS		1.79	100.6	1100.4	115.1	126.0	114.2	109.2	72.6	54.5	96.7	119.5	115.7	92.4	104.7	110.4	
SMALL AUTOS		.11	93.6	1189.4	976.7	1115.8	1060.9	1078.9	800.1	785.5	984.5	1090.8	987.3	728.9	629.9	436.8	
TRUCKS AND BUSES		.53	247.8	1142.7	257.5	281.6	253.9	275.1	219.2	211.2	244.8	267.6	266.2	237.8	264.5	277.0	
BUSINESS VEHICLES		.40	157.7	1151.2	171.7	163.6	161.7	170.6	125.9	131.5	155.0	165.4	171.7	156.0	171.2		
UTILITY VEHICLES		.13	517.7	1151.7	514.3	575.1	529.8	587.0	498.3	450.3	514.0	601.9	549.4	476.2	543.9		
TRUCK TRAILERS		.09	235.9	1226.5	250.6	249.4	243.0	243.3	211.2	245.0	227.2	240.2	244.0	258.3	215.9	253.0	
MOTOR VEHICLE PARTS		1.98	163.1	1151.7	154.0	156.1	160.4	162.4	161.2	157.1	166.8	171.9	175.5	162.9	173.3	169.1	
AIRCRAFT AND PARTS	372-0-0	3.73	60.5	71.9	75.8	76.5	78.4	80.1	80.3	81.3	85.2	86.2	87.9	89.7	84.2	91.2	
SHIPS AND BOATS	373-0-0	.56	159.5	1155.2	158.8	164.3	161.3	162.5	156.6	155.2	160.9	161.4	158.0	166.4	150.8	161.1	
MAIL & MISC TRANS EQ	374-0-0	.49	131.1	1113.2	131.5	140.3	136.9	136.4	118.7	136.6	135.0	141.6	143.4	133.7	127.2	141.4	
RAILROAD EQUIPMENT	3741	.26	117.9	94.9	118.0	125.7	122.1	112.5	109.6	113.5	114.7	120.2	142.8	144.0	135.1	142.5	
MOBILE HOMES	3742	.16	121.7	1107.9	122.7	133.1	132.7	138.2	110.5	140.2	132.8	135.6	116.7	93.6	96.2		
INSTRUMENTS	38-0-0	2.11															
EQUIPMENT INSTR. & PTS.	381-0-0	1.07	182.4	1171.4	175.6	176.7	179.0	186.5	184.6	186.5	192.6	189.4	190.9	190.0	185.2	192.2	
CONSUMER INSTR. PROD.	385-0-0	1.04	160.6	1151.1	156.4	157.6	156.9	162.0	160.1	166.4	165.5	165.9	167.1	166.0	163.0	168.8	
MISC. MANUFACTURES	39-0-0	1.51															
MISC. CONS. GOODS	391,3-0-0	.66	151.6	1146.6	150.4	150.6	150.2	155.3	144.0	158.2	166.9	154.7	152.6	143.5	137.5	151.0	
MISC. BUS. SUPPLIES	393-0-0	.65	155.5	1151.5	152.0	151.2	151.3	156.4	155.1	161.9	163.0	162.2	158.2	154.4	152.6	158.7	
ELECTRIC UTILITIES	49-0-0	3.68															
ELEC UTIL GENERATION		1.90	178.6	1183.3	162.5	161.9	164.5	162.6	195.4	192.8	180.7	111.1	171.8	186.8	196.5		
FUSSIL FUEL GENERATION		1.54	183.5	1167.5	145.0	143.2	143.0	166.7	160.4	161.7	169.8	156.9	157.0	170.6	166.2		
HYDRO & NUCLEAR GENERAT.		.36	244.4	1251.2	237.7	238.9	248.2	251.0	259.7	240.8	227.7	223.5	235.3	239.0	266.9		
ELEC UTIL SALES		1.98	185.5	1193.3	183.3	182.9	181.2	179.5									

Table 9.

**GROSS VALUES IN BILLIONS OF 1972
DOLLARS, ANNUAL RATES, BY QUARTER**

SUMMARY GROUPINGS	1977					1978					1979				
	IV	I	II	III	IV	IV	I	II	III	IV	IV	I	II	III	IV
TOTAL INDEX	139.3	139.6	144.0	147.0	149.7	151.4	152.5	153.5	154.5	155.5	156.5	157.5	158.5	159.5	160.5
PRODUCTS, TOTAL	139.6	139.9	143.4	145.9	147.9	149.9	151.0	152.0	153.0	154.0	155.0	156.0	157.0	158.0	159.0
FINAL PRODUCTS	137.0	136.7	140.7	143.1	144.7	146.5	147.5	148.5	149.5	150.5	151.5	152.5	153.5	154.5	155.5
CONSUMER GOODS	145.3	143.8	147.2	148.4	149.8	151.1	152.1	153.1	154.1	155.1	156.1	157.1	158.1	159.1	160.1
DURABLE CONSUMER GOODS	155.9	151.7	160.9	160.9	161.8	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0	171.0
AUTOMOTIVE PRODUCTS	175.1	165.4	181.4	180.9	180.6	182.0	183.0	184.0	185.0	186.0	187.0	188.0	189.0	190.0	191.0
HOME GOODS	145.3	144.0	149.3	149.7	147.9	150.8	151.0	152.0	153.0	154.0	155.0	156.0	157.0	158.0	159.0
NONDURABLE CONSUMER GOODS	141.0	140.7	141.7	143.3	145.1	146.8	147.8	148.8	149.8	150.8	151.8	152.8	153.8	154.8	155.8
CLOTHING	127.1	120.6	125.0	126.9	129.1	130.3	131.3	132.3	133.3	134.3	135.3	136.3	137.3	138.3	139.3
CONSUMER STAPLES	144.9	146.2	146.4	146.0	149.5	151.6	152.5	153.5	154.5	155.5	156.5	157.5	158.5	159.5	160.5
CONSUMER ENERGY	149.6	153.7	150.5	152.4	156.3	158.1	159.0	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0
(HOME GOODS AND CLOTHING)	136.9	133.3	138.2	139.2	139.3	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0	150.0
EQUIPMENT	125.7	126.9	131.8	135.8	137.7	140.1	141.1	142.1	143.1	144.1	145.1	146.1	147.1	148.1	149.1
BUSINESS EQUIPMENT	153.4	154.7	160.4	165.0	167.6	170.3	171.3	172.3	173.3	174.3	175.3	176.3	177.3	178.3	179.3
INDUSTRIAL EQUIPMENT	142.5	145.3	149.5	152.5	152.3	155.4	156.4	157.4	158.4	159.4	160.4	161.4	162.4	163.4	164.4
COMMERCIAL, TRANSIT, FARM EQ.	166.0	165.7	173.1	179.4	185.2	187.4	188.4	189.4	190.4	191.4	192.4	193.4	194.4	195.4	196.4
DEFENSE AND SPACE EQUIPMENT	79.2	83.3	83.7	86.7	87.3	89.5	90.5	91.5	92.5	93.5	94.5	95.5	96.5	97.5	98.5
INTERMEDIATE PRODUCTS	148.9	151.5	153.1	156.3	159.7	162.9	163.9	164.9	165.9	166.9	167.9	168.9	169.9	170.9	171.9
CONSTRUCTION SUPPLIES	146.6	146.6	150.3	154.0	158.9	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
BUSINESS SUPPLIES	151.1	154.3	159.9	158.1	160.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0	171.0
COMMERCIAL ENERGY PRODUCTS	163.2	165.1	165.1	167.1	169.2	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0	180.0
MATERIALS	138.9	139.2	145.1	146.7	152.6	153.6	154.6	155.6	156.6	157.6	158.6	159.6	160.6	161.6	162.6
DURABLE GOODS MATERIALS	137.7	137.9	144.0	150.4	155.2	156.0	157.0	158.0	159.0	160.0	161.0	162.0	163.0	164.0	165.0
BASIC METAL MATERIALS	109.4	110.5	117.5	124.6	129.4	125.7	126.7	127.7	128.7	129.7	130.7	131.7	132.7	133.7	134.7
NONDURABLE GOODS MATERIALS	155.0	158.0	163.2	163.2	166.9	169.3	170.3	171.3	172.3	173.3	174.3	175.3	176.3	177.3	178.3
TEXTILE, PAPER AND CHEMICAL MAT	159.5	163.1	167.7	168.4	172.2	175.0	176.0	177.0	178.0	179.0	180.0	181.0	182.0	183.0	184.0
TEXTILE MATERIALS	117.9	115.3	117.1	117.3	119.4	118.1	119.1	120.1	121.1	122.1	123.1	124.1	125.1	126.1	127.1
PAPER MATERIALS	132.3	136.5	139.7	134.8	137.2	136.7	137.7	138.7	139.7	140.7	141.7	142.7	143.7	144.7	145.7
CHEMICAL MATERIALS	168.9	194.9	201.4	204.4	209.5	215.4	216.4	217.4	218.4	219.4	220.4	221.4	222.4	223.4	224.4
ENERGY MATERIALS	121.9	119.1	125.5	127.0	128.7	128.7	129.7	130.7	131.7	132.7	133.7	134.7	135.7	136.7	137.7
MANUFACTURING	139.9	139.8	144.4	147.7	150.6	152.5	153.5	154.5	155.5	156.5	157.5	158.5	159.5	160.5	161.5
DURABLE	132.6	132.3	137.8	142.0	145.1	146.7	147.7	148.7	149.7	150.7	151.7	152.7	153.7	154.7	155.7
NONDURABLE	150.2	150.6	154.0	155.9	158.9	160.9	161.9	162.9	163.9	164.9	165.9	166.9	167.9	168.9	169.9
MINING AND UTILITIES	155.1	137.8	141.4	142.4	144.5	143.6	144.6	145.6	146.6	147.6	148.6	149.6	150.6	151.6	152.6
MINING	117.3	116.2	127.3	125.7	127.8	123.5	124.5	125.5	126.5	127.5	128.5	129.5	130.5	131.5	132.5
UTILITIES	155.0	161.6	157.2	161.0	163.2	166.2	167.2	168.2	169.2	170.2	171.2	172.2	173.2	174.2	175.2

Table 10.

GROSS VALUES IN BILLIONS OF 1972 DOLLARS, ANNUAL RATES, BY MONTH

MAJOR MARKET GROUPINGS	1977												1978			1979		
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE
PRODUCTS, TOTAL	507.4	609.6	601.1	608.8	606.8	608.9	610.3	613.3	613.6	621.3	625.3	632.0	630.2	630.9	635.1	636.1	637.1	638.1
FINAL PRODUCTS	390.9	469.3	463.5	470.7	468.2	468.9	469.6	472.2	471.8	478.8	481.6	488.8	484.1	484.6	487.6	488.6	489.6	490.6
CONSUMER GOODS	277.5	324.0	321.6	326.3	324.6	323.6	323.4	324.7	324.4	328.1	330.8	332.3	331.3	330.6	332.2	333.2	334.2	335.2
DURABLE CONSUMER GOODS	62.0	97.3	96.7	99.4	97.9	98.2	99.6	99.5	97.7	99.6	99.8	99.3	97.9	97.9	100.5	101.5	102.5	103.5
AUTOMOTIVE PRODUCTS	41.1	50.7	50.3	53.1	51.3	51.0	51.6	51.7	50.2	52.6	54.0	52.5	50.9	50.6	52.6	53.6	54.6	55.6
HOME GOODS	40.9	46.6	46.4	46.4	46.6	47.2	47.7	47.8	47.4	46.7	45.8	46.8	46.9	47.5	47.6	47.7	47.8	47.9
NONDURABLE CONSUMER GOODS	195.5	226.7	224.9	226.9	228.2	224.7	226.0	225.1	226.7	228.6	231.0	233.1	233.1	232.8	232.2	233.2	234.2	235.2
CLOTHING	28.5	32.4	31.2	31.9	32.4	32.3	32.4	32.8	33.3	33.3	33.3	33.6	33.5	33.5	33.5	33.5	33.5	33.5
CONSUMER STAPLES	167.0	194.4	193.8	195.0	193.8	192.5	191.0	192.5	193.4	195.5	197.6	199.4	199.6	199.6	199.6	199.6	199.6	199.6
CONSUMER ENERGY PROD.	39.2	44.8	45.4	43.8	44.2	43.9	44.6	44.4	45.0	45.1	46.1	46.4	46.0	45.4	45.4	45.4	45.4	45.4
(HOME GOODS & CLOTHING)	69.4	79.0	77.6	78.3	79.0	79.4	80.2	80.6	80.7	80.0	79.2	80.4	80.4	80.5	80.4	80.4	80.4	80.4
EQUIPMENT	113.4	145.3	142.0	144.4	144.2	146.6	146.4	147.5	147.7	150.6	150.9	154.3	152.8	154.0	155.5	156.5	157.5	158.5
BUSINESS EQUIPMENT	80.6	109.8	107.6	109.7	108.9	110.4	110.2	111.0	111.1	114.0	114.3	117.4	115.6	116.4	117.4	118.4	119.4	120.4
INDUSTRIAL EQUIPMENT	34.4	48.8	48.2	48.2	48.8	49.3	49.3	49.6	49.5	49.7	49.4	49.8	49.3	49.3	50.7	51.0	51.0	51.0
COMMERCIAL, TRANSIT, FARM EQ.	46.2	61.0	59.6	61.5	60.1	61.1	60.8	61.4	61.7	64.3	64.9	67.8	65.9	65.9	66.4	66.4	66.4	66.4
DEFENSE & SPACE EQUIP.	32.7	35.5	34.3	34.6	35.1	35.6	36.3	36.6	36.6	36.6	36.6	36.9	37.2	37.7	37.7	37.7	37.7	37.7
INTERMEDIATE PRODUCTS	116.6	140.4	137.5	138.3	138.6	140.3	140.7	141.4	141.9	142.0	144.0	145.6	145.6	146.2	147.7	148.7	149.7	150.7
CONSTRUCTION SUPPLIES	57.8	66.1	63.7	64.6	65.2	66.4	66.3	66.9	67.2	67.5	68.2	69.0	69.0	69.1	69.4	69.4	69.4	69.4
BUSINESS SUPPLIES	56.8	74.3	73.8	73.8	73.4	74.0	74.4	74.5	74.7	75.2	75.8	76.6	76.6	77.2	77.2	77.2	77.2	77.2
COMMERCIAL ENERGY PROD.	15.6	18.3	18.2	18.2	18.4	18.9	18.9	18.9	18.7	18.9	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5

INDUSTRIAL ELECTRIC POWER USE

SEASONALLY ADJUSTED INDEXES, 1967 = 100

SERIES	SIC (1967)	BILL. KWH. 1967	1978 AVG.	1977					1978				1979		PER CENT CH. FROM PREV.	
				Q 4	Q 1	Q 2	Q 3	Q 4	SEP	OCT	NOV	DEC	JAN	FEB	MO. (P)	YR. (P)
TOTAL		560.4	138.4	135.6	131.9	137.7	141.7	142.3	143.1	142.0	142.7	142.3	142.3	142.7	.3	9.8
MAJOR MARKET GROUPINGS																
PRODUCTS, TOTAL		136.1	150.0	146.7	147.6	148.6	151.4	152.1	151.5	151.3	151.3	153.7	155.2	155.4	.1	5.6
FINAL PRODUCTS		101.4	148.4	145.7	145.9	146.9	149.9	150.4	150.2	149.9	149.6	151.8	153.1	153.4	.2	5.4
CONSUMER GOODS		67.4	157.2	154.5	154.5	155.8	158.9	159.0	159.1	158.4	158.3	160.3	161.6	161.7	0.0	5.0
EQUIPMENT		34.0	126.0	123.2	124.2	124.6	126.4	128.6	127.1	128.3	127.5	130.0	131.4	132.4	.7	6.8
INTERMEDIATE PRODUCTS		34.7	154.8	149.7	152.7	153.3	156.2	157.0	155.8	155.8	156.1	159.0	161.4	161.7	.1	6.2
MATERIALS		424.3	134.6	131.9	126.8	134.1	138.5	139.1	140.1	138.8	139.9	138.6	138.1	138.6	.3	11.5
DURABLE		237.7	133.5	125.6	128.2	132.1	135.8	137.9	137.4	137.3	138.1	138.3	137.8	139.9	.8	9.6
NONDURABLE		133.0	136.6	133.6	133.6	136.0	137.8	138.8	138.3	137.7	138.8	139.8	141.1	140.8	-.2	5.5
ENERGY, EX. EROA		23.8	158.6	161.6	142.5	165.9	160.8	166.5	157.8	162.5	169.8	167.3	164.8	163.2	-1.0	16.4
MAJOR INDUSTRY DIVISIONS																
MINING	10-14	34.7	161.8	139.3	149.8	164.1	164.5	169.1	163.8	168.0	168.9	170.3	170.7	170.8	.1	15.1
MANUFACTURING		519.2	137.2	135.4	131.4	136.0	140.4	140.8	141.9	139.9	141.3	141.1	141.0	141.7	.5	9.4
DURABLE	19, 24-25, 32-39	254.1	135.4	131.0	131.0	133.9	137.4	139.2	138.6	138.2	139.1	140.3	140.5	141.2	.5	8.0
NONDURABLE	20-23, 26-31	265.1	138.8	139.7	131.8	138.1	143.0	142.4	144.4	141.6	143.8	141.9	141.6	141.9	.2	10.7
UTILITIES, OWN USE	491, 2	6.5	140.1	136.3												
INDUSTRY GROUPS AND SERIES																
METAL MINING	101	9.9	161.3	95.0	154.4	162.1	164.3	164.5	164.5	164.3	165.3	163.8	164.7	166.3	1.0	8.6
IRON ORE	1011	5.0	174.0	53.6	159.9	173.4	181.9	181.0	184.3	181.0	182.2	179.7	181.6	182.7	.6	16.8
COPPER ORP	1021	3.0	152.0	150.0	153.3	154.9	150.5	149.4	146.0	149.6	151.0	147.6	149.7	149.2	-.3	-2.9
COAL	11, 21	5.9	155.4	172.1	104.8	168.3	166.5	188.3	162.2	179.6	192.6	192.6	192.6	183.0	-5.0	81.7
OIL AND GAS EXTRACTION	131	11.9	171.8	169.6	171.7	171.4	172.4	171.9	171.7	172.5	169.7	173.4	171.1	173.3	1.3	.7
CRUDE OIL AND NAT. GAS	1311	8.9	189.4	187.0	189.6	188.3	189.8	189.9	189.9	190.9	187.2	191.5	188.6	194.0	2.8	1.9
NATURAL GAS LIQUIDS	1321	2.5	122.7	123.2	123.4	123.2	122.3	122.0	122.8	123.6	121.2	121.1	118.6	118.7	.1	-5.3
STONE AND EARTH MINERALS	141	6.9	153.3	148.2	151.0	152.2	154.1	155.9	156.3	155.2	155.4	157.0	158.9	158.2	-.4	4.4
CRUSHED STONE	1421	1.5	156.7	157.4	151.5	156.9	157.6	162.0	161.8	161.0	159.0	166.1	165.6	168.2	1.6	11.6
SAND AND GRAVEL	1441	1.1	138.9	133.0	139.5	137.0	139.5	139.6	143.2	138.2	138.6	142.1	145.2	140.7	-3.1	4.0
CHEMICAL MINERALS	1471	3.4	156.7	152.5	154.4	156.9	157.4	158.4	155.5	157.5	158.4	159.3	158.9	159.4	.3	1.2
ORANGE	191	4.1	103.8	100.7	104.2	102.4	105.0	103.8	102.2	102.2	103.4	105.9	106.3	107.2	.8	2.1
FOODS	201	26.8	151.7	146.6	148.7	151.5	152.9	153.6	154.0	153.8	152.3	154.7	155.3	157.0	1.0	6.4
MEAT PRODUCTS	2011	4.2	165.7	160.8	163.9	165.7	166.7	166.5	167.8	166.3	165.5	167.6	168.0	168.2	.1	3.3
DAIRY PRODUCTS	2021	4.1	132.5	131.8	132.4	131.9	131.7	134.1	132.3	134.5	131.6	136.3	135.7	132.3	-2.5	1.2
CANNED AND FROZEN FOODS	2031	3.2	177.6	180.3	177.8	176.7	176.9	179.3	177.6	175.5	178.9	183.5	175.2	176.3	.6	-1.1
GRAIN MILL PRODUCTS	2041	4.8	144.2	141.7	142.9	145.0	144.6	144.4	145.3	146.1	142.5	144.6	145.4	147.7	1.5	4.7
BAKERY PRODUCTS	2051	1.8	133.0	131.1	131.8	132.2	134.0	134.1	134.8	134.5	132.1	135.7	135.6	136.4	.6	3.2
SUGAR	2061	1.2	210.0	184.9	184.0	226.0	242.2	210.3	248.3	218.2	204.4	208.3	208.3	226.9	8.9	22.7
CONFECTIONERY	2071	1.0	132.6	131.4	138.6	129.4	129.2	134.6	129.3	132.6	134.5	136.7	147.1	147.8	.5	5.5
BEVERAGES	2081	2.4	180.0	169.1	173.3	179.1	183.0	183.7	184.7	183.7	183.5	183.8	185.2	188.7	1.9	9.2
MISC. FOOD PRODUCTS	2091	4.1	133.8	125.1	128.3	133.5	137.1	135.9	137.6	136.7	134.5	136.4	135.6	136.0	.3	6.6
TOBACCO PRODUCTS	211	.9	131.6	132.5	131.8	136.6	130.4	128.8	129.8	128.6	128.1	129.8	133.0	130.1	-2.2	-1.3
TEXTILE MILL PRODUCTS	221	20.8	120.9	122.8	117.9	120.5	122.4	122.4	123.5	122.4	120.9	124.0	124.7	123.7	-.8	6.9
FABRICS	2211-41	11.7	100.6	105.7	97.7	100.2	102.4	102.1	103.7	102.3	100.4	103.8	103.1	103.1	0.0	8.4
KNIT GOODS	2251	1.7	164.8	171.6	164.5	165.3	165.3	164.1	167.2	165.6	162.5	164.1	165.1	163.7	-.8	0.0
FABRIC FINISHING	2261	1.5	146.3	133.1	139.8	145.6	149.1	150.8	151.4	151.5	151.7	149.2	150.1	150.4	.2	6.4
YARN AND THREAD	2281	3.9	158.0	149.5	152.4	159.4	160.4	159.2	160.5	159.8	157.3	160.5	162.1	160.6	-.9	6.6
MISC. TEXTILES	2291	1.4	152.6	155.4	153.3	149.6	151.2	156.8	155.0	154.9	157.8	157.7	157.1	156.6	-.3	3.3
APPAREL PRODUCTS	231	3.6	165.0	164.3	165.0	162.0	167.4	165.5	167.2	163.7	162.7	170.2	170.8	174.0	1.9	3.6
MEN'S OUTERWEAR	2311-21	1.0	147.1	147.3	148.1	145.0	149.2	146.2	148.2	144.4	145.4	148.6	152.1	153.2	.7	1.7
WOMEN'S OUTERWEAR	2331	1.0	210.8	206.5	213.2	206.7	214.7	208.6	215.6	207.0	203.0	219.7	216.4	218.2	.8	1.2
LUMBER AND PRODUCTS	241	8.0	188.5	177.6	183.7	186.9	191.0	192.8	191.6	191.1	190.9	196.3	194.1	194.1	0.0	4.6
LUMBER	2421	3.9	176.7	169.3	173.1	174.0	179.0	180.9	178.4	177.5	179.6	187.7	182.6	182.7	-.1	3.5
MILLWORK AND PLYWOOD	2431	2.2	186.0	180.6	179.4	183.7	189.2	192.3	190.4	192.6	189.5	194.9	194.5	196.1	.8	10.2
FURNITURE AND FIXTURES	251	2.5	159.5	154.5	156.4	156.7	163.5	161.8	164.0	163.6	159.0	162.7	164.1	166.0	1.2	5.3
HOME FURNITURE	2511	1.7	182.8	179.2	180.9	180.8	186.7	182.8	188.6	184.5	181.7	182.3	185.3	188.6	1.8	1.9
PAPER AND PRODUCTS	261	49.1	124.2	124.7	123.5	124.4	124.6	124.5	124.8	123.9	124.7	124.8	124.3	124.6	.3	.3
WOOD PULP	2611	3.5	123.2	126.5	124.4	125.7	121.6	121.1	120.0	118.1	122.3	122.9	119.6	119.9	-.3	-3.5
PAPER	2621	24.5	119.0	121.1	119.3	119.0	119.2	118.6	120.3	118.4	119.5	118.0	118.5	118.4	-.1	-1.1
PAPERBOARD	2631	14.8	142.3	140.9	139.0	141.6	142.4	146.4	142.5	146.3	147.4	145.5	141.2	140.2	-.7	-.9
CONVERTED PAPER	2641	2.5	138.2	135.1	135.9	136.7	139.6	140.5	137.7	139.8	140.7	141.0	143.1	143.7	.4	5.8
PAPERBOARD CONTAINERS	2651	2.3	146.2	142.6	143.6	145.7	147.6	148.1	147.1	146.7	147.2	150.5	150.5	150.9	.3	5.1
BUILDING PAPER AND BOARD	2661	1.4	155.6	152.4	154.4	156.7	156.5	155.2	156.1	154.0	152.6	158.9	156.9	158.5	1.0	3.4
PRINTING AND PUBLISHING	271	5.8	151.6	148.1	152.3	150.7	151.3	152.3	151.6	150.0	151.7	155.3	160.5	160.5	0.0	5.6
NEWSPAPERS	2711	1.7	137.3	138.1	140.0	139.5	135.7	134.5	135.0	132.1	132.9	138.4	141.6	143.6	1.4	1.8
COMMERCIAL PRINTING	2731	2.4	160.8	153.7	160.6	159.5	160.4	162.9	160.6	160.2	161.8	166.7	174.7	175.7	.6	9.6

P--PRELIMINARY

INDUSTRIAL ELECTRIC POWER USE

NOT SEASONALLY ADJUSTED INDEXES, 1967 = 100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1977				1978				1979				PER CENT CH. FROM PREV. NO. YR. (P) (P) (P)	
				Q 4	Q 1	Q 2	Q 3	Q 4	SEP	OCT	NOV	DEC	JAN	FEB	(P)	(P)	
TOTAL		560.4	138.4	136.7	130.5	138.7	140.9	143.6	143.3	145.9	144.2	140.6	140.7	139.0	-1.2	9.8	
MAJOR MARKET GROUPINGS																	
PRODUCTS, TOTAL		136.1	150.0	147.7	142.1	148.5	155.9	153.4	159.5	157.5	154.3	148.4	147.3	150.7	2.4	5.6	
FINAL PRODUCTS		101.4	148.4	146.4	140.2	146.6	155.2	151.6	159.4	156.2	152.5	146.0	145.0	148.7	2.5	5.4	
CONSUMER GOODS		67.4	157.2	155.6	148.0	155.2	165.0	160.7	169.3	165.5	161.6	154.8	153.1	155.9	1.8	5.0	
EQUIPMENT		34.0	126.0	123.0	120.5	124.6	130.3	128.4	134.1	132.6	129.1	123.5	124.3	130.3	4.8	6.8	
INTERMEDIATE PRODUCTS		34.7	154.8	151.7	147.9	154.3	158.1	159.0	160.0	161.5	159.7	155.7	154.2	157.0	1.8	6.2	
MATERIALS		424.3	134.6	133.1	126.6	135.4	136.0	140.3	138.0	142.0	140.9	138.0	138.5	135.1	-2.5	11.5	
DURABLE		237.7	133.5	125.4	127.9	134.6	133.6	137.7	135.3	138.9	137.4	136.8	137.6	135.2	-1.8	8.6	
NONDURABLE		133.0	136.6	134.6	130.8	137.0	138.6	139.8	139.8	141.2	140.4	137.7	138.1	135.4	-1.9	5.5	
ENERGY, EX. ERDA		23.8	158.6	161.4	150.8	163.7	153.4	166.5	151.8	156.8	168.1	174.7	180.8	173.8	-3.9	16.4	
MAJOR INDUSTRY DIVISIONS																	
MINING	10-14	34.7	161.8	140.2	150.3	166.4	160.5	170.2	163.5	168.7	170.1	171.7	173.6	169.6	-2.3	15.1	
MANUFACTURING		519.2	137.2	136.6	129.3	137.1	140.1	142.1	142.7	144.8	142.7	138.7	138.6	137.3	-9	9.4	
DURABLE	19, 24-25, 32-39	254.1	135.4	131.1	129.8	135.8	136.6	139.4	139.1	141.3	139.6	137.4	137.8	138.3	3	8.0	
NONDURABLE	20-23, 26-31	265.1	138.8	141.8	129.0	138.4	143.5	144.6	146.1	148.1	145.7	140.0	139.4	136.4	-2.1	10.7	
UTILITIES, OWN USE	491.2	6.5	140.1	138.1													
INDUSTRY GROUPS AND SERIES																	
METAL MINING	10	9.9	161.3	95.1	154.2	166.2	160.1	164.6	163.0	165.8	163.8	164.3	168.2	163.1	-3.0	8.6	
IRON ORE	101	5.0	174.0	53.8	158.6	177.7	178.0	181.6	180.6	183.2	180.9	180.8	183.6	178.5	-2.7	16.8	
COPPER ORE	102	3.0	152.0	150.4	155.7	160.5	162.1	149.8	146.0	151.9	148.0	149.4	156.0	148.0	-5.1	-2.9	
COAL	11.2	5.9	155.4	171.9	114.4	171.6	147.0	188.6	152.0	175.7	191.3	198.8	204.8	209.4	2.3	81.7	
OIL AND GAS EXTRACTION	13	11.9	171.8	170.2	171.6	170.6	172.6	172.5	173.9	172.4	171.4	173.8	176.5	169.0	-4.3	.7	
CRUDE OIL AND NAT. GAS	131	8.9	189.4	187.9	190.6	187.5	188.6	190.8	191.0	189.7	189.3	193.2	197.5	189.1	-4.2	1.9	
NATURAL GAS LIQUIDS	132	2.5	122.7	123.3	120.0	122.2	126.5	122.0	126.4	125.0	121.9	119.2	118.0	112.7	-4.5	-5.3	
STONE AND EARTH MINERALS	14	6.9	153.3	152.2	142.8	155.3	155.0	160.0	158.7	162.0	160.7	157.3	150.5	146.0	-3.0	4.4	
CRUSHED STONE	142	1.5	156.7	166.6	126.6	162.1	167.0	171.3	171.5	175.6	176.2	162.1	137.7	138.8	.8	11.6	
SAND AND GRAVEL	144	1.1	138.9	141.2	118.5	141.7	146.9	148.3	151.4	151.6	151.5	141.8	122.0	118.5	-2.9	4.0	
CHEMICAL MINERALS	147	3.4	156.7	154.7	153.7	158.0	154.5	160.7	158.2	161.1	160.3	160.5	160.2	152.6	-4.8	1.2	
ORONANCE	19	4.1	103.8	100.3	100.0	102.0	109.8	103.5	107.7	105.7	103.6	101.2	101.0	103.1	2.1	2.1	
FOODS	20	26.8	151.7	150.2	140.2	147.0	162.3	157.4	165.7	162.6	157.7	151.9	149.3	147.4	-1.3	6.4	
MEAT PRODUCTS	201	4.2	165.7	161.7	149.5	162.5	183.4	167.4	181.9	174.6	167.7	160.1	154.9	153.8	-7	3.3	
DAIRY PRODUCTS	202	4.1	132.5	127.1	118.9	133.1	148.6	129.3	147.3	137.0	127.0	123.9	122.5	117.8	-3.9	1.2	
CANNED AND FROZEN FOODS	203	3.2	177.6	185.4	166.7	169.2	190.1	184.4	211.6	202.4	183.4	167.4	162.3	168.0	3.5	-1	
GRAIN MILL PRODUCTS	204	4.8	144.2	145.9	142.6	139.6	145.9	148.8	146.5	150.8	149.5	146.0	146.4	147.2	.5	4.7	
BAKERY PRODUCTS	205	1.8	133.0	130.6	122.5	129.7	146.4	133.6	149.1	139.7	132.1	128.9	127.3	125.5	-1.5	3.2	
SUGAR	206	1.2	210.0	250.7	210.0	168.1	177.6	284.4	181.0	252.3	289.5	311.3	320.9	234.1	-27.0	22.7	
CONFECTIONERY	207	1.0	132.6	136.0	123.8	129.4	137.8	139.5	147.6	146.0	141.6	130.9	125.8	131.4	4.4	5.5	
BEVERAGES	208	2.4	180.0	165.8	156.5	179.4	204.1	180.0	205.8	190.0	178.9	171.2	170.0	164.6	-3.2	9.2	
MISC. FOOD PRODUCTS	209	4.1	133.8	128.9	122.4	130.4	142.3	140.1	144.6	141.8	141.5	136.8	131.9	131.1	-1.6	6.6	
TOBACCO PRODUCTS	21	.9	131.6	137.1	122.0	128.2	142.6	133.4	155.2	143.5	134.4	122.3	115.6	124.5	7.7	-1.3	
TEXTILE MILL PRODUCTS	22	20.8	120.9	123.3	111.4	123.9	125.3	122.9	132.4	127.9	123.8	116.9	112.6	119.7	6.2	6.9	
FABRICS	221-41	11.7	100.6	105.9	93.0	103.1	104.2	102.3	110.4	107.0	102.7	97.1	94.7	100.2	5.7	8.4	
KNIT GOODS	225	1.7	164.8	170.0	147.9	169.2	179.4	162.7	189.6	175.1	164.3	148.8	140.8	150.1	6.6	0.0	
FABRIC FINISHING	226	1.5	146.3	134.3	138.7	149.8	144.6	152.3	154.9	154.0	156.5	146.4	143.0	151.0	5.6	6.4	
YARN AND THREAD	228	3.9	158.0	150.5	142.0	163.9	165.7	160.3	173.8	164.9	162.6	153.2	143.2	154.2	7.7	6.6	
MISC. TEXTILES	229	1.4	152.6	155.6	149.5	153.1	150.9	157.1	155.5	163.6	155.5	152.1	149.9	156.1	4.1	3.3	
APPAREL PRODUCTS	23	3.6	165.0	159.9	145.0	160.0	193.9	161.1	201.4	176.3	158.6	148.4	145.0	155.4	7.2	3.6	
MEN'S OUTERWEAR	231.2	1.0	147.1	145.1	128.3	142.7	173.7	143.9	183.0	158.3	143.4	129.9	125.6	137.1	9.1	1.7	
WOMEN'S OUTERWEAR	233	1.0	210.8	197.1	184.3	204.4	255.5	199.1	260.9	222.1	192.7	182.4	180.7	190.7	5.5	1.2	
LUMBER AND PRODUCTS	24	8.0	188.5	178.3	186.6	189.4	184.7	193.4	189.3	192.3	195.2	192.8	191.9	199.1	3.7	4.6	
LUMBER	242	3.9	176.7	170.5	175.7	176.3	172.4	182.2	176.8	182.1	182.4	182.0	181.9	185.3	1.9	3.5	
MILLWORK AND PLYWOOD	243	2.2	186.0	178.8	183.9	188.3	181.5	190.3	186.3	187.2	194.4	189.4	194.7	201.7	3.6	10.2	
FURNITURE AND FIXTURES	25	2.5	159.5	155.5	156.9	157.0	161.5	162.8	169.9	166.2	163.0	159.3	158.9	170.5	7.3	5.3	
HOME FURNITURE	251	1.7	182.8	180.2	184.0	181.2	182.0	183.9	193.2	187.6	183.9	180.1	182.3	196.4	7.7	1.9	
PAPER AND PRODUCTS	26	49.1	124.2	124.6	122.8	126.0	123.8	124.3	123.9	128.4	125.1	119.5	123.8	121.1	-2.1	.3	
WOOD PULP	261	3.5	123.2	127.1	123.5	126.4	121.3	121.6	121.5	124.3	121.4	119.0	119.5	116.6	-2.5	-3.5	
PAPER	262	24.5	119.0	120.4	119.2	120.9	117.9	117.9	117.4	123.4	118.9	111.5	119.0	114.4	-3.9	-1.1	
PAPERBOARD	263	14.8	142.3	139.3	140.5	144.6	139.4	144.7	140.1	148.9	147.0	138.2	142.8	139.0	-2.6	-9	
CONVERTED PAPER	264	2.5	138.2	137.4	130.8	137.9	141.2	143.0	143.5	148.3	142.2	138.3	135.6	139.5	2.9	5.8	
PAPERBOARD CONTAINERS	265	2.3	146.2	141.9	141.1	147.2	149.2	147.4	151.4	150.8	147.9	143.6	141.8	147.3	3.9	5.1	
BUILDING PAPER AND BOARD	266	1.4	155.6	153.3	149.6	157.5	159.4	156.0	156.1	157.4	159.3	151.3	154.2	151.0	-2.1	3.4	
PRINTING AND PUBLISHING	27	5.8	151.6	146.3	136.0	148.0	172.0	150.4	173.9	159.3	149.1	142.9	141.9	143.2	.9	5.6	
NEWSPAPERS	271	1.7	137.3	135.3	123.8	137.5	156.0	131.8	153.9	138.5	130.1	126.7	127.2	125.1	-1.6	1.8	
COMMERCIAL PRINTING	275	2.4	160.8	153.9	142.5	155.8	181.8	163.0	186.1	173.1	160.9	154.9	152.2	156.2	2.7	9.6	

P—PRELIMINARY

INDUSTRIAL ELECTRIC POWER USE

SEASONALLY ADJUSTED INDEXES, 1967 = 100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1977				1978				1979		PER CENT CH. FROM PREV. MO. YR.		
				Q 4	Q 1	Q 2	Q 3	Q 4	SEP	OCT	NOV	DEC	JAN	FEB	(P)	(P)
CHEMICALS AND PRODUCTS	281	116.8	135.1	138.2	122.8	134.5	142.4	140.7	144.9	140.8	143.4	138.0	137.3	137.9	.4	18.6
BASIC CHEMICALS	2811	96.4	123.6	128.7	109.2	123.7	132.1	129.7	135.5	130.6	133.0	125.6	124.2	124.9	.6	23.3
ALKALIES AND CHLORINE	2812	12.3	149.0	145.7	147.9	148.7	149.1	150.4	150.2	148.8	151.4	151.0	148.4	153.6	3.5	3.9
BASIC ORGANIC CHEM. NEC	2818	24.8	142.5	134.4	139.5	144.4	142.8	143.3	142.4	140.5	144.3	145.1	146.3	148.8	1.7	5.1
INORGANIC CHEM. NEC	2819	48.6	114.5	129.0	91.0	115.5	130.2	123.6	137.3	127.1	128.1	115.5	111.9	112.3	.4	49.8
ACID AND FERT. MAT'L.S.		18.8	108.0	109.9	106.1	106.4	108.2	111.4	109.2	109.7	111.6	112.8	111.0			
ERDA		29.8	118.6	140.4	81.1	122.8	147.3	130.9	156.6	135.9	140.1	116.8	111.1			
SYNTHETIC MATERIALS	2821	12.1	192.6	189.3	186.7	188.8	194.5	200.9	195.9	198.1	203.3	201.3	203.2	200.6	-1.3	8.8
PLASTICS MATERIALS	2821	6.4	187.3	177.6	177.6	183.0	192.2	196.2	195.0	195.4	197.9	195.3	197.4	201.2	1.9	14.6
OTHER SYNTHETICS	2822-41	7.7	195.5	194.8	192.1	192.7	195.5	202.4	197.2	199.5	205.6	202.1	207.1	200.8	-3.0	6.0
DRUGS	2831	2.0	186.8	185.6	185.1	185.6	187.3	189.5	184.5	187.2	188.7	192.6	193.2	193.8	.3	5.1
SOAP AND TOILETRIES	2841	1.0	145.5	143.6	144.1	140.8	149.5	147.8	156.2	148.9	147.1	147.3	154.7	151.9	-1.8	5.6
FARM CHEMICALS	2871	2.7	154.5	153.9	153.6	149.9	156.6	158.5	156.6	157.5	159.4	158.7	160.6	157.8	-1.8	2.5
PETROLEUM PRODUCTS	291	22.3	174.6	170.9	173.3	173.3	174.4	177.3	176.4	173.6	179.3	179.0	180.0	179.9	-.1	4.1
RUBBER AND PLASTICS PROD.	301	10.8	180.4	174.8	175.5	178.7	183.5	184.2	184.3	182.2	183.6	186.7	188.1	187.1	-.6	6.8
TIRES	3011	3.2	140.3	146.8	137.1	140.9	140.8	140.3	140.2	139.9	142.4	138.6	139.9	136.4	-2.6	-1.3
RUBBER PRODUCTS NEC	3081	2.3	130.1	128.6	127.1	130.2	133.8	129.3	132.0	129.1	127.0	131.6	136.6	138.0	1.0	7.5
PLASTICS PRODUCTS NEC	3071	4.8	230.4	214.6	221.5	226.2	235.7	238.7	238.5	235.2	236.7	244.2	244.4	243.4	-.4	10.5
LEATHER AND PRODUCTS	311	1.3	122.6	120.0	123.9	123.3	123.8	119.5	121.0	121.0	117.0	120.7	121.4	123.4	1.7	.6
SHOES	3141	.6	104.4	103.7	106.2	105.9	105.8	99.9	103.3	106.7	98.5	99.5	100.4	102.0	1.6	-3.2
CLAY, GLASS, STONE PRODUCTS	321	20.8	153.2	147.0	148.8	151.0	154.9	157.9	156.2	155.2	158.2	160.1	162.8	160.6	-1.4	8.4
FLAT GLASS	3211	1.2	128.7	124.7	126.1	127.4	129.5	131.6	131.1	130.0	132.0	132.9	129.1	132.6	2.7	4.4
PRESSED AND BLOWN GLASS	3221	3.5	205.4	199.3	201.7	203.4	208.8	207.9	209.1	203.1	207.2	213.5	215.1	214.7	-.2	5.1
CEMENT	3241	8.4	122.7	119.1	116.5	120.4	124.0	129.2	125.8	127.0	130.7	130.0	133.1	125.3	-5.9	8.7
STRUCTURAL CLAY PRODUCTS	3251	1.3	115.8	111.6	113.8	114.2	116.9	118.7	118.4	118.3	116.1	121.6	121.7	122.7	.8	7.9
CONCRETE PRODUCTS	3271	2.3	199.5	183.6	191.1	198.8	201.1	206.4	200.1	205.2	204.7	209.3	214.7	213.6	-.5	12.5
PRIMARY METALS	331	132.0	126.8	122.5	121.5	125.5	129.2	131.3	130.3	130.7	131.4	131.7	130.2	131.6	1.1	8.6
BASIC STEEL & MILL PROD.	3311	54.4	117.0	114.5	109.1	116.2	120.6	122.4	122.3	123.3	123.4	120.5	118.7	119.6	.7	11.4
IRON & STEEL FOUNDRIES	3321	5.9	207.5	199.4	201.1	205.4	211.1	212.9	210.8	210.0	212.3	216.3	218.5	219.4	.4	11.5
PRIMARY NONFERROUS METALS	3331	59.5	124.1	119.2	120.7	122.6	125.6	127.6	126.3	126.5	127.1	129.1	128.9	129.4	.3	6.7
ALUMINUM	33341	53.6	121.3	115.6	118.1	120.5	122.2	124.6	122.9	123.6	124.3	126.0	125.4	127.0	1.2	7.4
NONFERROUS MILL PRODUCTS	3351	8.4	116.2	110.9	112.1	114.8	118.5	119.6	119.3	117.5	118.7	122.5	116.8	116.9	.1	4.8
NONFERROUS FOUNDRIES	3361	1.4	163.0	157.1	151.3	162.4	168.2	170.7	169.0	165.7	171.0	175.4	169.2	173.7	2.7	12.2
FABRICATED METAL PRODUCTS	341	14.8	159.7	153.0	154.9	157.3	163.0	163.9	162.6	162.1	163.6	166.1	167.6	171.0	2.0	10.1
METAL CANS	3411	1.0	215.8	213.7	211.2	215.4	216.1	220.8	219.1	218.8	222.7	220.7	218.0	219.1	.5	3.7
HARDWARE	3421	1.6	156.2	148.4	151.9	155.6	160.2	157.4	157.1	156.0	157.5	157.8	158.3	161.8	2.2	6.0
STRUCTURAL METAL PROD.	3441	3.5	137.3	128.9	134.5	135.5	140.2	139.3	140.4	136.1	138.1	143.8	147.0	150.0	2.1	11.4
FASTENERS	3451	1.2	147.0	135.2	136.3	143.2	154.8	154.1	154.2	153.2	154.2	154.8	154.8	154.7	-.1	14.5
METAL STAMPINGS	3461	3.1	157.6	157.6	153.2	156.8	159.6	161.2	161.1	160.1	160.3	163.3	162.9	162.4	-.3	6.7
NONELECTRICAL MACHINERY	351	17.3	151.1	148.2	149.7	149.8	151.6	153.3	152.7	152.1	152.2	155.6	156.4	157.8	.9	5.6
ENGINES AND TURBINES	3511	1.4	151.4	149.0	153.4	146.6	152.9	153.1	155.4	150.2	151.3	157.7	151.5	153.0	1.0	-2.0
FARM EQUIPMENT	3521	1.2	131.9	128.3	130.3	128.4	133.6	135.3	135.8	134.7	134.8	136.5	139.1	140.7	1.2	8.6
CONSTRUCTION EQUIPMENT	3531	3.0	162.1	159.2	160.9	160.8	161.4	165.4	162.0	164.1	164.1	168.1	170.6	171.0	-.2	7.5
METALWORKING MACHINERY	3541	2.8	121.8	121.1	117.5	120.9	124.9	124.0	124.7	123.8	123.0	125.3	126.0	127.1	.9	8.9
SPECIAL INDUSTRY MACH.	3551	1.5	146.2	142.9	146.9	145.9	146.1	145.9	146.8	143.8	144.9	148.9	154.1	154.5	.3	6.1
GENERAL INDUSTRIAL MACH.	3561	2.7	143.4	144.0	144.2	144.1	143.2	142.6	142.8	141.9	141.6	144.3	146.2	147.4	-.8	4.4
OFFICE AND COMPUTING MACH.	3571	1.4	193.2	185.7	191.8	192.5	193.7	194.9	195.2	193.6	194.7	196.4	199.3	199.3	0.0	3.7
SERVICE INDUSTRY MACH.	3581	1.2	158.5	160.3	159.4	157.7	158.3	158.7	158.6	159.1	157.4	159.7	159.6	158.8	-.5	-1.8
ELECTRICAL MACHINERY	361	19.2	133.2	130.3	130.4	131.3	134.5	136.4	135.5	135.1	135.6	138.5	140.1	140.5	.3	8.1
ELECT. DISTRIBUTION EQ.	3611	1.8	122.8	117.5	121.1	119.4	124.8	126.0	126.4	124.6	124.2	129.1	129.4	131.2	1.4	9.4
ELECT. INDUST. APPARATUS	3621	3.5	118.2	113.0	113.5	115.7	120.2	123.3	122.4	120.8	125.5	123.6	124.6	125.7	.9	11.5
HOME APPLIANCES	3631	2.2	113.1	114.2	110.0	114.2	114.6	113.5	113.6	114.7	112.7	113.6	114.1	115.9	1.6	4.5
LIGHTING & WIRING PROD.	3641	1.5	152.1	152.3	152.6	151.7	153.9	150.7	151.9	151.0	149.1	152.0	155.2	158.7	2.2	4.0
RADIO AND TV SETS	3651	.8	113.6	109.7	112.3	113.0	114.6	114.5	114.8	114.1	114.9	114.5	119.4	121.9	2.0	7.6
COMMUNICATION EQUIP.	3661	3.9	143.7	142.1	140.7	141.2	145.8	147.1	145.0	145.3	147.2	149.0	151.9	147.2	-3.1	4.5
ELECTRONIC COMPONENTS	3671	4.2	143.0	140.2	140.6	141.2	143.2	147.3	143.9	144.2	147.0	150.6	154.8	155.3	.3	11.4
TRANSPORTATION EQUIPMENT	371	23.6	133.8	132.2	130.7	131.0	135.5	138.1	135.9	135.2	138.2	140.8	141.5	140.9	-.4	7.9
MOTOR VEHICLES AND PARTS	3711	12.8	152.0	151.6	148.3	148.1	154.9	156.8	154.8	154.1	157.0	159.2	160.7	159.8	-.6	7.4
AIRCRAFT AND PARTS	3721	8.4	87.9	85.1	86.5	86.7	87.4	91.1	87.6	90.4	90.0	92.8	93.0	93.5	.5	8.3
SHIPS AND BOATS	3731	1.3	134.2	130.2	129.9	132.9	135.4	138.9	135.9	137.7	137.2	141.8	143.5	140.5	-2.1	8.8
INSTRUMENTS	381	3.1	158.6	152.4	154.7	158.4	161.1	160.2	161.6	160.0	158.2	162.5	163.8	163.6	-.1	5.1
PHOTOGRAPHIC EQUIPMENT	3861	1.4	154.4	147.8	147.7	155.4	158.1	158.2	157.2	157.1	158.9	158.6	159.9	155.3	-2.8	4.1
MISC. MANUFACTURES	391	2.5	154.5	150.9	154.9	153.2	154.7	155.2	155.6	153.8	154.2	157.6	157.6	160.5	1.8	3.7
SUPPLEMENTARY GROUPINGS																
TOTAL, EXCLUDING ERDA		530.6	139.8	135.2	135.6	139.0	141.5	143.2	142.2</							

INDUSTRIAL ELECTRIC POWER USE

NOT SEASONALLY ADJUSTED INDEXES, 1967 = 100

SERIES	SIC (1967)	8IL. KWH. 1967	1978 AVG.	1978				1979				PER CENT CH. FROM PREV. YR.				
				1977 Q 4	1978 Q 1	Q 2	Q 3	Q 4	1978 SEP	OCT	NOV	DEC	1979 JAN	FEB	(P)	(P)
CHEMICALS AND PRODUCTS	281	116.8	135.1	141.5	121.9	134.6	139.7	144.1	142.3	147.2	145.6	139.6	138.3	132.3	-4.3	18.6
BASIC CHEMICALS	2811	96.4	123.6	133.2	109.5	122.9	127.6	134.3	130.5	137.4	136.0	129.6	127.0	119.9	-5.5	23.3
ALKALIES AND CHLORINE	28121	12.3	149.0	149.0	143.8	148.3	150.1	153.8	149.0	149.9	155.3	156.1	145.2	144.1	-1.8	3.9
BASIC ORGANIC CHEM.NEC	28181	24.8	142.5	137.3	134.4	142.5	146.5	146.5	147.2	145.9	146.9	146.6	144.7	138.9	-4.0	5.1
INORGANIC CHEM. NEC	28191	48.6	114.5	136.6	94.2	113.6	119.4	130.8	124.4	137.5	133.6	121.4	118.2	109.4	-7.5	49.8
ACID AND FERT. MAT'LS.		18.8	108.0	110.5	105.5	107.8	106.8	112.0	105.1	110.9	111.4	113.8	112.5			
ERDA		29.8	118.6	153.2	87.0	117.3	127.4	142.8	136.7	154.5	147.7	126.2	121.9			
SYNTHETIC MATERIALS	2821	12.1	192.6	184.4	181.8	192.0	201.0	195.7	202.2	199.0	197.4	190.8	198.6	193.8	-2.4	8.8
PLASTICS MATERIALS	28211	4.4	187.3	176.8	172.1	184.5	197.3	195.3	201.6	198.9	194.7	192.3	193.4	191.5	-2.0	14.6
OTHER SYNTHETICS	2822-4	7.7	195.5	188.5	187.0	196.1	203.0	196.0	202.5	199.1	198.8	190.0	200.3	195.0	-2.6	6.0
DRUGS	2831	2.0	186.8	183.7	169.6	186.6	203.7	187.4	205.0	199.0	187.7	175.6	173.5	178.9	3.1	5.1
SOAP AND TOILETRIES	2841	1.0	145.5	144.2	139.8	141.7	152.0	148.4	159.4	154.0	148.8	142.4	144.6	147.5	2.0	5.6
FARM CHEMICALS	2871	2.7	154.5	152.7	152.4	155.9	152.6	157.3	152.2	157.0	156.7	158.1	153.5	152.9	-1.7	2.5
PETROLEUM PRODUCTS	291	22.3	174.6	172.0	167.7	171.4	180.7	178.4	181.4	178.0	179.8	177.6	178.2	172.9	-3.0	4.1
RUBBER AND PLASTICS PROD.	301	10.8	180.4	176.7	173.5	179.9	182.2	186.1	189.5	190.8	187.3	180.3	176.5	189.1	7.2	6.8
TIRES	3011	3.2	140.3	146.9	138.6	141.8	140.5	140.4	145.0	148.4	139.7	133.1	134.5	136.8	1.7	-1.3
RUBBER PRODUCTS NEC	3061	2.3	130.1	129.6	126.0	129.6	132.4	132.2	136.7	134.9	132.0	129.8	129.5	141.2	9.0	7.5
PLASTICS PRODUCTS NEC	3071	4.8	230.4	217.4	218.0	228.7	233.3	241.8	243.3	244.4	245.2	235.9	225.8	246.3	9.1	10.5
LEATHER AND PRODUCTS	311	1.3	122.6	120.5	121.2	123.9	125.1	120.0	128.4	123.9	118.9	117.4	115.3	122.9	6.6	.6
SHOES	3141	.6	104.4	103.2	103.4	105.9	108.7	99.5	110.8	103.6	98.8	96.2	94.8	100.7	6.2	-3.2
CLAY, GLASS, STONE PRODUCTS	321	20.8	153.2	149.2	139.9	153.6	158.9	160.2	160.6	161.8	161.7	156.9	152.2	148.7	-2.3	8.4
FLAT GLASS	3211	1.2	128.7	125.0	123.1	127.4	132.1	132.0	134.3	137.2	131.6	127.1	129.1	126.6	-2.0	4.4
PRESSED AND BLOWN GLASS	3221	3.5	205.4	200.1	195.9	205.4	211.7	208.8	211.2	212.2	209.3	204.7	202.6	208.3	2.8	6.1
CEMENT	3241	8.4	122.7	122.2	103.1	124.6	130.8	132.5	132.4	134.6	134.2	128.7	120.3	104.4	-13.3	8.7
STRUCTURAL CLAY PRODUCTS	3251	1.3	115.8	113.2	113.5	114.6	115.1	120.3	116.3	118.9	119.8	122.1	122.4	122.4	0.0	7.9
CONCRETE PRODUCTS	3271	2.3	199.5	186.9	182.5	201.1	204.2	210.1	205.5	212.6	213.3	204.3	204.4	203.3	-1.5	12.5
PRIMARY METALS	331	132.0	126.8	121.9	122.6	128.2	126.0	130.6	127.1	131.4	130.0	130.4	131.9	128.6	-2.5	8.6
BASIC STEEL & MILL PROD.	3311	94.4	117.0	112.9	111.6	119.5	116.1	120.7	117.4	122.3	120.7	119.0	121.9	118.4	-2.9	11.4
IRON & STEEL FOUNDRIES	3321	5.9	207.5	202.6	202.3	212.7	198.9	216.3	210.4	220.1	217.4	211.3	207.3	229.5	10.7	11.5
PRIMARY NONFERROUS METALS	3331	59.5	124.1	119.1	120.3	123.8	124.6	127.5	124.0	127.9	125.6	129.1	130.3	123.4	-5.3	6.7
ALUMINUM	33341	53.6	121.3	115.5	116.6	121.2	123.0	124.6	122.0	125.0	122.4	126.3	127.2	120.0	-5.6	7.4
NONFERROUS MILL PRODUCTS	3351	8.4	116.2	109.5	113.5	117.8	115.3	118.0	117.1	119.4	118.2	118.5	118.6	115.7	-1.7	4.8
NONFERROUS FOUNDRIES	3361	1.4	163.0	157.3	155.0	163.8	162.4	170.7	169.4	170.5	174.2	167.5	169.4	180.5	6.5	12.2
FABRICATED METAL PRODUCTS	341	14.8	159.7	153.4	154.7	158.4	161.5	164.3	165.7	166.7	165.2	161.1	161.5	173.9	7.6	10.1
METAL CANS	3411	1.0	215.8	206.1	206.3	215.3	228.9	212.8	228.8	222.1	212.9	203.5	210.1	216.3	2.9	3.7
HARDWARE	3421	1.6	156.2	150.9	152.8	156.0	155.9	160.1	160.7	163.3	161.0	156.0	154.5	164.7	6.6	6.0
STRUCTURAL METAL PROD.	3441	3.5	137.3	130.4	135.2	135.7	137.5	140.9	138.9	140.1	141.0	141.7	143.3	153.6	7.2	11.4
FASTENERS	3451	1.2	147.0	134.9	138.2	144.9	151.1	153.7	156.5	156.4	155.3	149.5	148.0	163.2	10.2	14.5
METAL STAMPINGS	3461	3.1	157.6	158.0	152.6	159.0	157.3	161.6	163.7	167.1	163.4	154.5	152.8	166.1	8.7	6.7
NONELECTRICAL MACHINERY	351	17.3	151.1	147.7	146.4	150.0	155.0	152.8	160.9	156.8	154.1	147.5	148.2	157.2	6.0	5.6
ENGINES AND TURBINES	3511	1.4	151.4	149.5	151.1	148.2	152.9	153.6	160.5	157.4	155.8	147.5	144.3	151.7	5.1	-2.0
FARM EQUIPMENT	3521	1.2	131.9	128.1	128.7	133.4	130.3	135.2	146.2	140.8	135.3	129.5	128.8	143.6	11.5	8.6
CONSTRUCTION EQUIPMENT	3531	3.0	162.1	160.0	159.8	160.7	161.8	166.3	171.3	166.5	169.4	163.1	161.6	176.3	9.1	7.5
METALWORKING MACHINERY	3541	2.8	121.8	120.9	118.5	120.7	124.1	123.9	127.9	127.9	123.4	120.4	123.1	130.6	6.2	8.9
SPECIAL INDUSTRY MACH.	3551	1.5	146.2	142.7	145.0	146.6	147.4	145.7	152.3	147.3	146.9	142.8	148.1	156.1	5.4	6.1
GENERAL INDUSTRIAL MACH.	3561	2.7	143.4	144.2	141.8	144.6	144.7	142.8	150.1	146.3	144.5	137.7	138.7	148.4	7.0	4.4
OFFICE AND COMPUTING MACH.	3571	1.4	193.2	185.1	179.6	190.1	208.9	194.4	211.2	204.0	196.4	182.7	184.1	189.1	2.7	3.7
SERVICE INDUSTRY MACH.	3581	1.2	158.5	156.5	152.3	160.3	166.4	155.0	168.9	164.0	155.1	145.8	146.5	155.3	6.0	-1.8
ELECTRICAL MACHINERY	361	19.2	133.2	130.1	125.6	132.2	138.7	136.2	144.2	141.6	136.7	130.5	132.6	136.2	2.7	8.1
ELECT. DISTRIBUTION EQ.	3611	1.8	122.8	116.4	117.3	120.7	128.4	124.7	132.3	131.9	123.1	119.1	123.2	127.6	3.6	9.4
ELECT. INDUST. APPARATUS	3621	3.5	118.2	112.4	111.9	117.3	120.7	122.7	124.3	126.1	121.8	120.1	122.0	123.2	1.0	11.5
HOME APPLIANCES	3631	2.2	113.1	112.7	108.6	115.4	116.2	112.1	120.8	119.3	112.8	104.3	109.5	115.2	5.2	4.5
LIGHTING & WIRING PROD.	3641	1.5	152.1	153.1	151.1	155.7	150.2	151.5	160.7	157.4	152.5	144.6	145.3	160.1	10.2	4.0
RADIO AND TV SETS	3651	.8	113.6	108.8	103.9	112.2	124.8	113.5	128.2	119.4	115.2	106.0	110.6	112.6	1.8	7.6
COMMUNICATION EQUIP.	3661	3.9	143.7	144.1	131.7	140.5	153.6	149.2	158.9	157.3	150.6	139.7	139.4	138.0	-1.0	4.5
ELECTRONIC COMPONENTS	3671	4.2	143.0	139.1	132.5	141.2	152.3	146.1	157.4	150.8	146.7	140.7	144.7	146.9	1.5	11.4
TRANSPORTATION EQUIPMENT	371	23.6	133.8	133.7	127.3	132.4	136.0	139.5	140.8	142.9	141.4	134.3	132.4	140.6	6.2	7.9
MOTOR VEHICLES AND PARTS	3711	12.8	152.0	154.2	144.7	150.9	153.3	159.4	160.0	162.9	162.0	153.3	150.1	160.1	6.6	7.4
AIRCRAFT AND PARTS	3721	8.4	87.9	84.5	82.8	86.6	91.6	90.5	92.6	93.6	91.2	86.5	86.6	90.3	4.2	8.3
SHIPS AND BOATS	3731	1.3	134.2	129.9	132.1	131.2	135.0	138.5	136.2	139.2	139.8	136.5	141.4	146.2	3.4	8.8
INSTRUMENTS	381	3.1	158.6	151.5	145.0	157.9	172.4	159.3	176.8	167.5	158.0	152.4	151.9	152.7	.5	5.1
PHOTOGRAPHIC EQUIPMENT	3861	1.4	154.4	147.4	139.3	156.3	164.3	157.7	165.6	164.5	157.1	151.6	151.4	142.8	-5.7	4.1
MISC. MANUFACTURES	391	2.5	154.5	151.4	149.1	152.5	160.6	155.8	166.8	161.8	155.8	149.7	146.6	157.8	7.6	3.7
SUPPLEMENTARY GROUPINGS																
TOTAL, EXCLUDING ERDA		530.6	139.8	135.6	133.5	140.2	141.9	143.6	143.8	145						

Explanatory Note

Coverage. The industrial production index is a measure of the physical output of the Nation's factories, mines, and electric and gas utilities expressed as a percentage of production in a base period, currently 1967. The 235 individual series representing Standard Industrial Classification (SIC), 1967 edition, codes 10-14, 19-39, 49, and 91 (part) are calculated first as index series relatives. These relatives are aggregated into: (1) market groupings (such as consumer goods, equipment, intermediate products, and materials) from which the total is derived and (2) industry groupings (for example, SIC 2-digit industries) and major aggregates of these groupings, such as manufacturing, mining, and utilities.

Timing. A first estimate of output for a month is published about the 15th of the following month. This estimate may revise in each of the next 3 months as new data become available. After the fourth month, indexes are not further revised until an annual or a benchmark revision.

Source data. The monthly indexes of industrial production are built up from data of two types: (1) directly-measured physical product data, (2) estimates of physical product output derived from input data adjusted by conversion factors that relate these inputs to physical output. The directly measured physical product data (lbs., tons, etc.) are obtained from reports of the Bureau of the Census, Bureau of Mines, other Government agencies, and trade associations. Estimates of physical output based on input data are used when appropriate monthly physical product data are not available. The major input data are (1) hours worked by production workers as indicated by the monthly establishment survey of the Bureau of Labor Statistics, and (2) industrial electric power use as ascertained from utilities by the Federal Reserve Banks. The input conversion estimates are based mainly on their historical trends and recent developments.

Seasonal adjustment. Individual series are seasonally adjusted by the X-11 version of the Method II seasonal adjustment procedure developed by the Bureau of the Census. The seasonal adjustment factors for the basic aggregate series in the summary table and in Tables 1 and 3 are reviewed and edited monthly. The seasonal factors currently being used were developed from data only through 1974 in order to diminish the effect of the subsequent sharp recession and recovery on the seasonal factors.

Weights. The total index and various groupings of component series are combined on the basis of 1967 value-added weights (shown in the first column of the index tables). The gross-value-weighted product series are expressed in terms of 1972 dollars.

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

$$I_t = \sum \left(\frac{q_{67}p_{67}}{\sum q_{67}p_{67}} \right) \cdot \left(\frac{q_t}{q_{67}} \right) \cdot 100 = \frac{\sum q_t p_{67}}{\sum q_{67} p_{67}} \cdot 100$$

where q is quantity, p is Census value-added per unit of output, and t represents the t -th period.

Reliability. The median of the revisions in total IP, without regard to sign, between the first and fourth estimates is 0.25 per cent; that is, in about half of the cases, the absolute value of the revision from the first to the fourth estimate was less than 0.25 per cent. (Calculated on the basis of data for the August 1971 to July 1976 period.)

Rounding. Changes shown for index components may not aggregate to changes for totals due to independent rounding.