



# FEDERAL RESERVE

## INDUSTRIAL PRODUCTION

For release at 9:30 a.m. (EDT)  
May 16, 1979

G.12.3 (414)

Industrial production declined an estimated 1.0 per cent in April, with the drop primarily the result of the strike and lockout in the trucking industry. As a result of this labor dispute, production of consumer durable goods--particularly autos--and durable goods materials was curtailed sharply; but some declines in output occurred in most market groupings of the index. At 150.5 per cent of the 1967 average, the April index is 5.1 per cent higher than a year earlier.

Products. Output of consumer durable goods fell 6.4 per cent in April because of production curtailments in the auto and appliance industries, largely due to the work stoppage in the trucking industry. Auto assemblies, at an annual rate of 7.9 million units, declined about 16 per cent from the March rate; this drop was much sharper than the cutback originally scheduled. Present auto assembly schedules indicate a rate of about 9.4 million units in May and a rate of 9.6 million units in June and provide for only a partial make-up of output lost in April. Output of consumer nondurable goods was about unchanged in April. Production of business equipment fell 0.7 per cent as the output of transit equipment, particularly business vehicles, was also affected by the labor dispute in trucking. The output of construction supplies declined for the second consecutive month.

Materials. Production of materials fell 0.7 per cent in April, following a 0.9 per cent rise in March. Durable goods materials output declined 1.4 per cent as the trucking dispute and the steel-haulers strike disrupted the production of consumer durable goods parts, equipment parts, and basic metals, especially motor vehicle parts and finished steel. Production of nondurable goods materials continued to increase in April, reflecting gains in the output of chemical materials. Energy materials output declined slightly in April because of a cutback in crude oil extraction.

### INDUSTRIAL PRODUCTION: SUMMARY (Seasonally Adjusted)

Indexes, 1967=100	1979		Per cent changes						
	Mar. (p)	Apr. (e)	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Apr. Apr. 78
			From preceding month						
Total	152.0	150.5	.6	.9	.0	.1	.7	-1.0	5.1
Products, total	150.6	148.9	.5	.9	.2	.3	.5	-1.1	4.1
Final Products	147.3	145.3	.3	.8	.2	.3	.7	-1.4	3.4
Consumer Goods	151.7	149.0	.3	.6	.0	.1	.7	-1.8	1.0
Durable	163.9	153.4	.1	.1	-.6	.2	1.6	-6.4	-5.2
Nondurable	146.9	147.1	.3	1.0	.2	.0	.3	.1	3.7
Business Equipment	172.0	170.8	.2	.9	.6	.5	.9	-.7	7.2
Intermediate Products	162.7	162.1	.8	1.6	.5	.3	-.2	-.4	6.6
Construction Supplies	160.7	159.6	1.3	1.1	.2	.1	-.4	-.7	7.5
Materials	154.1	153.0	.9	.7	-.5	-.3	.9	-.7	6.5

p--preliminary e--estimate



# FEDERAL RESERVE

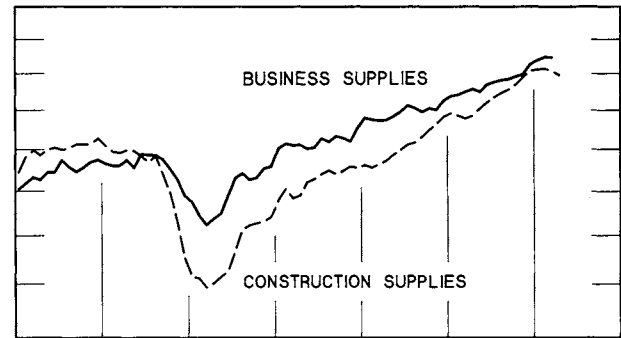
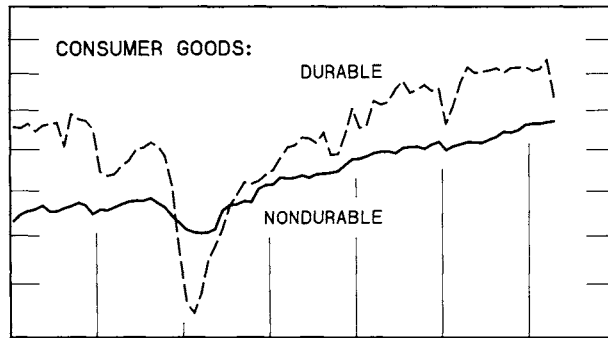
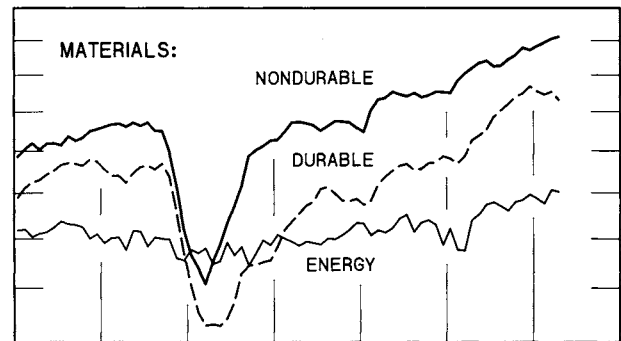
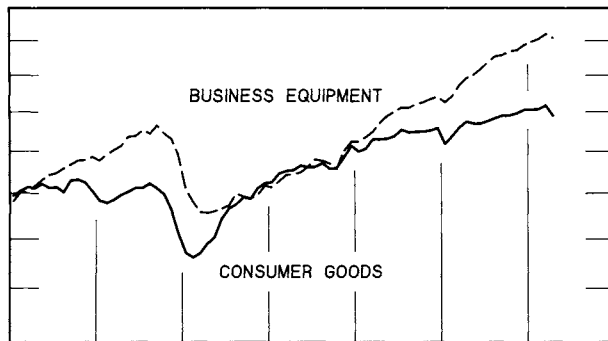
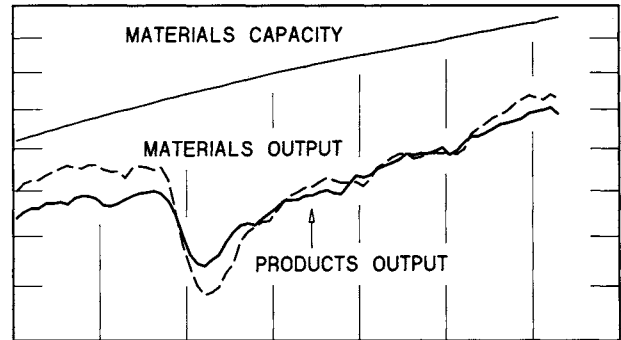
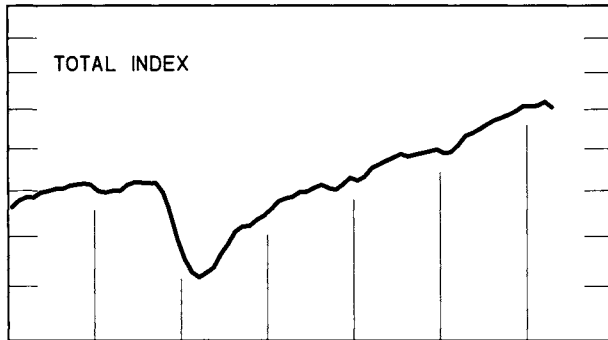
## statistical release

G-12.3

### INDUSTRIAL PRODUCTION

APRIL DATA

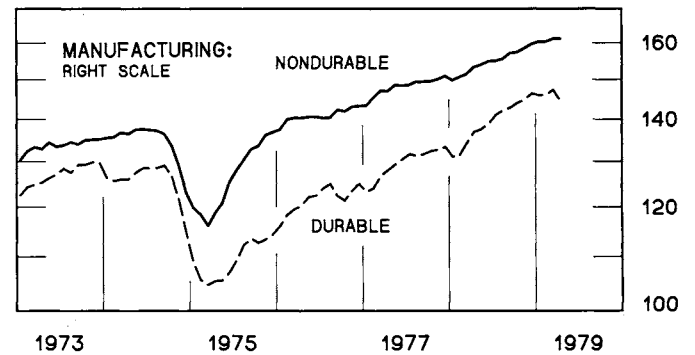
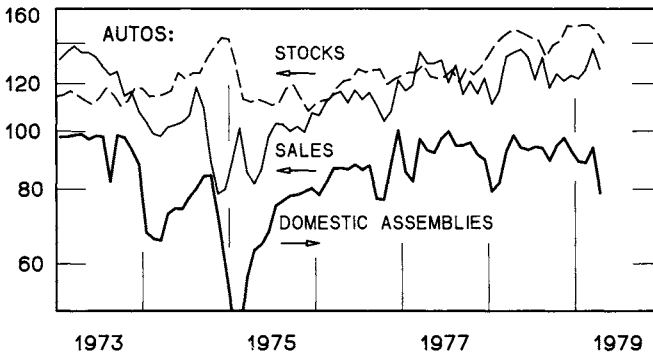
SEASONALLY ADJUSTED, RATIO SCALE, 1967=100



1969-70=100

ANNUAL RATE, MILLIONS OF UNITS

1967=100



AUTOS: SALES AND STOCKS INCLUDE IMPORTS

**Table 1.**  
**INDUSTRIAL PRODUCTION BY MARKET GROUPINGS**

Seasonally Adjusted, 1967=100

MAJOR MARKET GROUPINGS	1967	1978	1978													
	PRO- POR- TION	AVG.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	
TOTAL INDEX	100.00	145.2	143.2	143.9	144.9	146.1	147.1	147.8	148.7	149.6	150.9	150.9	151.0	152.0	150.5	
PRODUCTS, TOTAL	60.71	144.3	143.0	143.1	144.0	145.0	146.2	146.5	147.0	147.7	149.1	149.4	149.9	150.6	148.9	
FINAL PRODUCTS	47.82	141.4	140.5	140.5	141.1	142.2	143.3	143.7	144.1	144.5	145.6	145.9	146.3	147.3	145.3	
CONSUMER GOODS	27.68	147.4	147.5	147.0	147.0	147.7	148.4	149.0	149.2	149.7	150.6	150.6	150.7	151.7	149.0	
EQUIPMENT	20.14	133.1	130.8	131.6	133.0	134.7	136.3	136.4	137.0	137.3	138.7	139.5	140.1	141.3	140.5	
INTERMEDIATE PRODUCTS	12.89	155.3	152.1	152.6	154.7	155.6	156.4	157.0	158.0	159.3	161.8	162.6	163.1	162.7	162.1	
MATERIALS	39.29	146.5	143.7	145.1	146.4	147.9	148.6	149.7	151.4	152.7	153.8	153.1	152.7	154.1	153.0	
<b>CONSUMER GOODS</b>																
DURABLE CONSUMER GOODS	7.89	158.9	161.8	160.2	160.6	160.9	161.5	160.3	161.6	161.8	161.9	160.9	161.3	163.9	153.4	
AUTOMOTIVE PRODUCTS	2.83	178.6	184.3	180.0	179.9	182.2	182.1	178.3	185.6	189.0	185.1	181.3	179.1	186.0	161.3	
AUTOS & UTILITY VEHICLES	2.03	172.5	182.7	175.6	174.3	176.7	175.6	170.0	180.5	185.0	179.3	173.4	170.7	180.1	147.4	
AUTOS, TOTAL	1.90	148.5	159.1	151.6	149.8	152.7	151.1	144.4	154.2	159.7	151.8	145.9	144.9	153.7	128.6	
AUTO PARTS & ALLIED GOODS	.80	194.0	188.2	191.5	193.9	196.1	198.0	199.8	199.1	199.0	200.1	201.8	200.7	200.8	197.0	
HOME GOODS	5.06	147.8	149.2	148.9	149.7	148.9	150.0	150.2	148.2	146.5	148.9	149.5	151.3	151.6	149.0	
APPLIANCES, AIR COND & TV	1.40	132.5	142.2	138.3	139.0	133.7	133.9	134.4	128.7	123.4	129.1	125.9	130.4	128.5	120.0	
APPLIANCES AND TV	1.33	134.5	144.7	140.7	141.0	136.8	135.6	136.9	129.9	124.4	129.8	126.8	131.5	129.9		
CARPETING AND FURNITURE	1.07	164.3	158.9	163.4	166.0	168.5	167.9	169.0	168.0	164.9	166.8	170.8	172.9	174.8		
MISC. HOME GOODS	2.59	149.3	149.0	148.8	148.8	149.1	151.3	150.8	150.6	151.3	152.0	153.6	153.7	154.5	154.5	
NONDURABLE CONSUMER GOODS	19.79	142.8	141.8	141.7	141.6	142.4	143.1	144.4	144.3	144.8	146.2	146.5	146.5	146.9	147.1	
CLOTHING	4.29	125.5	124.9	125.4	124.8	125.1	126.6	128.9	128.3	129.0	130.1	130.1	129.5			
CONSUMER STAPLES	15.50	147.6	146.6	146.2	146.3	147.3	147.8	148.8	148.8	149.2	150.6	151.0	151.2	151.7	152.1	
CONSUMER FOODS & TOBACCO	8.33	140.1	140.8	139.9	139.0	140.2	140.8	141.2	140.4	141.0	143.0	142.1	142.6	143.7		
NONFOOD STAPLES	7.17	156.2	153.3	153.4	154.8	155.5	155.9	157.4	158.5	158.8	159.6	161.3	161.2	160.9	162.0	
CONSUMER CHEMICAL PROD	2.63	187.1	182.5	182.0	185.5	186.7	188.0	190.1	191.9	190.7	193.2	196.5	196.3	195.9		
CONSUMER PAPER PRODUCTS	1.92	118.1	117.7	117.9	118.0	117.5	117.3	118.2	116.7	117.6	116.9	120.1	121.6	121.6		
CONSUMER ENERGY PROD	2.62	153.2	149.9	150.7	150.8	151.9	152.0	153.3	155.4	156.7	156.9	156.6	155.1	154.7		
RESIDENTIAL UTILITIES	1.45	161.5	159.0	157.2	159.0	159.9	160.1	160.9	162.8	162.1	161.1	165.3				
<b>EQUIPMENT</b>																
BUSINESS EQUIPMENT	12.63	162.0	159.3	160.2	161.8	163.8	165.4	165.8	166.9	167.2	168.7	169.7	170.5	172.0	170.8	
INDUSTRIAL EQUIPMENT	6.77	149.9	147.8	149.7	150.9	151.9	152.8	152.7	152.9	151.8	152.2	154.7	155.7	156.5	155.9	
BUILDING AND MINING EQUIP	1.44	223.4	225.1	226.0	227.3	228.9	228.1	226.3	226.5	223.8	222.3	222.3	223.6	223.6	223.6	
MANUFACTURING EQUIPMENT	3.85	121.9	119.0	121.3	122.8	122.6	123.9	124.4	125.0	124.2	124.7	127.9	128.9	129.4	129.0	
POWER EQUIPMENT	1.47	151.0	147.3	149.2	149.2	152.8	154.6	154.8	154.0	153.4	155.6	158.5	158.9	161.0	160.0	
COM'L. TRANSIT, FARM EQ	5.86	176.0	172.6	172.3	174.4	177.5	179.9	180.8	182.9	184.9	187.8	187.1	187.4	190.0	187.9	
COMMERCIAL EQUIPMENT	3.26	208.6	203.8	204.2	206.9	210.6	212.2	214.1	215.1	214.9	217.1	218.1	218.8	220.8	221.1	
TRANSIT EQUIPMENT	1.93	133.8	133.7	132.2	132.3	134.9	138.5	138.6	142.6	147.5	151.0	148.2	146.2	149.4	142.6	
FARM EQUIPMENT	.67	138.9	132.9	131.9	137.3	138.5	141.3	142.0	143.2	145.8	151.5	149.5	154.1	157.0		
DEFENSE AND SPACE EQUIPMENT	7.51	84.5	82.9	83.6	84.6	85.9	87.1	87.1	86.7	87.2	87.9	88.7	89.1	89.7	89.4	
<b>INTERMEDIATE PRODUCTS</b>																
CONSTRUCTION SUPPLIES	6.42	153.3	148.5	150.4	152.1	153.5	154.7	155.6	157.0	159.0	160.8	161.2	161.4	160.7	159.6	
BUSINESS SUPPLIES	6.47	157.3	155.6	155.0	157.0	157.6	158.2	158.4	159.2	159.9	162.7	163.8	164.7	164.6		
COMMERCIAL ENERGY PRODUCTS	1.14	166.5	163.5	162.7	163.0	164.1	167.4	169.9	158.8	168.8	170.0	172.2	172.5	172.8		
<b>MATERIALS</b>																
DURABLE GOODS MATERIALS	20.35	146.9	142.7	143.9	145.4	148.7	150.4	152.1	154.0	154.9	156.8	155.4	154.6	155.4	153.2	
DURABLE CONSUMER PARTS	4.58	140.3	136.8	137.9	138.7	142.0	142.2	144.8	147.3	147.4	148.4	147.8	144.6	145.2	135.8	
EQUIPMENT PARTS	5.44	159.1	154.8	155.8	157.4	161.7	162.9	164.6	166.0	167.6	170.5	170.5	171.6	173.0	172.4	
DURABLE MATERIALS NEC	10.34	143.4	138.9	140.3	141.8	144.7	147.6	148.7	150.5	151.6	153.6	150.8	150.2	150.8	150.6	
BASIC METAL MATERIALS	5.57	120.4	116.7	117.5	118.2	121.7	125.4	126.7	128.2	129.1	130.9	124.6	123.6	124.8		
NONDURABLE GOODS MATERIALS	10.47	162.9	162.0	163.5	164.1	162.5	162.7	164.4	165.7	167.8	167.1	168.3	169.4	170.5	171.1	
TEXTILE, PAPER, & CHEM MAT	7.62	167.9	166.4	167.9	168.8	168.3	167.0	170.0	171.0	173.3	172.3	173.7	175.1	176.2	177.2	
TEXTILE MATERIALS	1.85	117.2	116.5	116.7	118.0	117.1	116.0	118.7	118.7	120.4	119.0	118.1	116.9	118.3		
PAPER MATERIALS	1.62	137.1	139.2	140.1	139.9	135.1	131.5	137.7	137.3	137.6	136.6	133.5	138.5	140.3		
CHEMICAL MATERIALS	4.15	202.6	199.5	201.7	202.9	204.0	203.7	205.5	207.6	210.7	210.3	214.3	215.6	216.1		
CONTAINERS, NONDURABLE	1.70	160.5	160.5	161.9	162.8	155.4	161.8	161.1	163.4	165.6	165.5	167.6	167.2	168.3		
NONDURABLE MATERIALS NEC	1.14	133.2	134.6	135.8	135.0	135.7	134.8	131.8	134.5	135.5	135.4	133.4	134.3	135.9		
ENERGY MATERIALS	8.48	125.2	123.9	125.2	127.5	127.9	127.0	126.0	128.0	128.4	129.6	128.7	127.6	130.7	130.3	
PRIMARY ENERGY	4.65	112.7	115.5	114.4	116.1	116.7	115.4	111.8	115.9	117.4	116.9	113.5	112.2	115.1		
CONVERTED FUEL MATERIALS	3.82	140.5	134.1	138.6	141.4	141.6	141.3	143.4	142.7	141.8	145.1	147.3	146.6	149.6		
<b>SUPPLEMENTARY GROUPS</b>																
HOME GOODS AND CLOTHING	9.35	137.6	138.0	138.2	138.3	138.0	139.2	140.3	139.1	138.5	140.2	140.6	141.4	141.5	140.0	
ENERGY, TOTAL	12.23	135.1	133.1	134.2	135.9	136.4	136.1	135.9	137.6	138.2	139.3	138.7	137.7	139.8	139.7	
PRODUCTS	3.76	157.2	154.1	154.3	154.6	155.6	156.7	158.3	159.3	160.4	161.0	161.3	160.5	160.2		
MATERIALS	8.48	125.2	123.9	125.2	127.5	127.9	127.0	126.0	128.0	128.4	129.6	128.7	127.6	130.7	130.3	

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

**Table 2.**  
**INDUSTRIAL PRODUCTION BY MARKET GROUPINGS**

Not Seasonally Adjusted, 1967 = 100

MAJOR MARKET GROUPINGS	1967	1978	1978										1979			
	PRO- DUC- TION	1978 AVG.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	
TOTAL INDEX	100.00	145.2	144.2	144.2	148.8	141.9	146.9	152.0	152.6	149.7	146.0	146.1	151.1	152.7	151.5	
PRODUCTS, TOTAL	60.71	144.3	143.2	142.1	148.2	141.7	147.0	153.3	152.4	147.9	142.6	143.7	148.9	150.1	148.9	
FINAL PRODUCTS	47.82	141.4	140.7	138.9	145.1	138.2	143.4	150.6	149.5	144.5	139.4	141.3	146.2	147.3	145.3	
CONSUMER GOODS	27.68	147.4	148.4	145.2	152.1	142.5	147.7	158.4	156.8	149.0	141.0	144.8	150.3	151.4	149.3	
EQUIPMENT	20.14	133.1	130.1	130.4	135.6	132.2	134.6	139.7	139.5	138.4	137.0	136.5	140.6	141.6	139.6	
INTERMEDIATE PRODUCTS	12.89	155.3	152.6	153.8	159.9	154.8	160.3	163.4	163.1	160.6	154.5	152.8	159.2	160.4	162.6	
MATERIALS	39.29	146.5	146.1	147.0	149.7	142.2	146.8	149.8	152.9	152.7	151.1	149.9	154.7	156.7	155.5	
<b>CONSUMER GOODS</b>																
DURABLE CONSUMER GOODS	7.89	158.9	169.7	163.7	167.6	143.9	146.7	166.1	173.7	164.2	150.0	154.9	166.5	169.9	159.7	
AUTOMOTIVE PRODUCTS	2.83	178.5	203.1	190.1	192.3	151.8	141.5	181.9	204.9	192.9	165.6	178.8	190.6	200.7	175.8	
AUTOS & UTILITY VEHICLES	2.03	172.5	208.2	191.8	192.3	139.4	119.4	171.4	203.0	190.5	151.5	171.8	185.2	200.3	166.7	
AUTOS, TOTAL	1.90	148.5	182.7	168.4	164.8	114.5	96.4	147.6	175.2	165.6	128.9	146.3	157.8	172.2	146.5	
AUTO PARTS & ALLIED GOODS	.80	194.0	190.0	185.8	192.4	183.4	197.6	209.4	209.6	199.0	201.1	196.5	204.5	201.7	198.9	
HOME GOODS	5.06	147.8	151.0	148.9	153.7	139.5	149.6	157.3	156.2	148.1	141.2	141.5	153.0	152.5	150.7	
APPLIANCES, AIR COND & TV	1.40	132.5	151.7	142.1	146.0	119.5	122.8	139.5	141.8	122.0	108.4	118.5	138.7	135.0	128.7	
APPLIANCES AND TV	1.33	134.5	151.8	142.5	147.5	122.6	126.9	143.9	145.1	128.4	109.7	119.0	138.8	134.3		
CARPETING AND FURNITURE	1.07	164.3	160.8	161.9	167.1	147.7	168.7	176.3	174.7	168.9	164.5	164.5	177.7	178.1		
MISC. HOME GOODS	2.59	149.3	146.7	147.2	152.3	146.1	156.3	159.1	156.3	153.6	149.3	144.5	150.6	151.4	152.1	
NONDURABLE CONSUMER GOODS	19.79	142.8	140.0	137.7	146.0	142.0	150.9	155.3	150.1	142.9	137.5	140.8	143.8	144.1	145.2	
CLOTHING	4.29	125.5	132.5	124.3	133.2	111.6	131.9	137.7	134.5	125.5	114.9	122.8	131.1			
CONSUMER STAPLES	15.50	147.6	142.1	141.4	149.5	150.4	156.1	160.2	154.4	147.8	143.8	145.8	147.3	147.0	147.4	
CONSUMER FOODS & TOBACCO	8.33	140.1	138.5	136.3	142.5	138.1	147.6	153.4	149.2	142.0	135.0	134.9	138.2	139.8		
NONFOOD STAPLES	7.17	156.2	146.2	147.4	157.7	164.6	166.2	168.2	160.5	154.7	153.9	158.4	157.8	155.3	154.7	
CONSUMER CHEMICAL PROD	2.63	187.1	177.5	181.0	195.6	198.3	197.6	205.2	200.9	190.1	179.7	179.9	184.7	186.4		
CONSUMER PAPER PRODUCTS	1.92	118.1	113.4	113.8	120.7	123.3	127.5	128.1	121.3	116.7	111.2	111.9	116.9	116.4		
CONSUMER ENERGY PROD	2.62	153.2	139.0	138.3	146.9	161.0	163.1	160.6	148.6	146.8	159.3	171.0	161.0	152.7		
RESIDENTIAL UTILITIES	1.45	161.5	143.3	136.6	150.9	172.7	176.9	173.2	151.6	143.7	163.4	190.9				
<b>EQUIPMENT</b>																
BUSINESS EQUIPMENT	12.63	162.0	158.5	158.3	165.7	160.5	163.8	171.2	170.9	168.3	165.0	164.8	171.2	172.4	169.9	
INDUSTRIAL EQUIPMENT	6.77	149.9	146.3	147.1	152.4	148.4	151.0	157.3	156.4	154.4	151.4	151.1	156.9	156.3	154.5	
BUILDING AND MINING EQUIP	1.44	223.4	219.7	218.7	226.0	219.5	223.3	234.0	233.0	233.2	226.7	220.1	226.9	220.6	218.3	
MANUFACTURING EQUIPMENT	3.85	121.9	118.8	119.8	124.8	119.8	123.5	127.6	126.5	124.9	122.2	124.3	131.1	130.7	128.7	
POWER EQUIPMENT	1.47	151.0	146.4	148.2	152.5	153.7	151.7	159.6	159.2	154.3	154.0	153.7	155.9	160.0	159.0	
COM'L, TRANSIT, FARM EQ	5.86	176.0	172.5	171.3	181.1	174.6	178.6	187.3	187.5	184.3	180.7	180.4	187.7	191.1	187.7	
COMMERCIAL EQUIPMENT	3.26	208.6	199.6	201.3	215.0	215.4	219.0	225.4	220.9	216.0	207.3	207.6	215.1	214.6	216.6	
TRANSIT EQUIPMENT	1.93	135.8	137.8	133.5	135.6	124.2	128.4	135.7	145.6	146.6	148.0	146.7	150.4	159.6	147.0	
FARM EQUIPMENT	.67	138.9	140.5	134.0	147.4	121.5	126.5	150.5	145.8	138.5	145.3	145.3	161.8	167.4		
DEFENSE AND SPACE EQUIPMENT	7.51	84.5	82.3	83.4	84.9	84.5	85.6	86.9	86.7	88.1	90.0	88.9	89.3	90.0	88.6	
<b>INTERMEDIATE PRODUCTS</b>																
CONSTRUCTION SUPPLIES	6.42	153.3	153.0	154.2	159.3	150.0	155.8	159.6	161.4	159.8	152.5	150.4	158.5	160.0	164.4	
BUSINESS SUPPLIES	6.47	157.3	152.3	153.4	160.5	159.5	164.9	167.1	164.8	161.3	156.4	155.1	159.8	160.7		
COMMERCIAL ENERGY PRODUCTS	1.14	166.5	153.8	156.0	169.0	181.5	182.0	180.7	168.1	161.2	159.9	171.5	167.6	166.5		
<b>MATERIALS</b>																
DURABLE GOODS MATERIALS	20.35	146.9	145.9	147.3	149.8	142.7	146.4	152.6	155.5	154.6	154.0	149.8	155.7	159.1	156.5	
DURABLE CONSUMER PARTS	4.58	140.3	139.3	140.5	140.3	134.6	134.7	145.2	149.5	149.6	150.3	145.6	146.0	147.2	138.3	
EQUIPMENT PARTS	5.44	159.1	155.3	156.7	159.6	157.3	158.8	164.4	166.7	169.1	172.5	168.8	173.3	175.4	172.9	
DURABLE MATERIALS NEC	10.34	143.4	143.8	145.3	148.9	138.7	145.0	149.7	152.2	149.2	145.7	141.6	150.7	155.8	155.9	
BASIC METAL MATERIALS	5.57	120.4	124.8	125.1	125.9	112.9	118.1	124.2	126.9	123.3	123.0	119.6	125.7	133.2		
NONDURABLE GOODS MATERIALS	10.47	162.9	165.1	165.2	167.6	153.1	163.0	164.4	169.9	169.2	162.1	164.6	171.4	173.1	174.5	
TEXTILE, PAPER, & CHEM MAT	7.62	167.9	170.1	170.5	172.5	158.5	167.7	169.5	173.4	174.3	167.7	169.6	177.4	178.7	181.1	
TEXTILE MATERIALS	1.85	117.2	120.4	121.5	120.9	97.0	118.2	116.0	122.1	121.2	112.6	119.0	120.4	124.5		
PAPER MATERIALS	1.62	137.1	144.0	142.8	144.4	124.6	132.9	132.2	140.2	138.2	125.5	132.5	143.6	145.9		
CHEMICAL MATERIALS	4.15	202.6	202.5	203.3	206.6	199.3	203.5	208.0	209.3	212.2	208.8	206.8	216.1	215.8		
CONTAINERS, NONDURABLE	1.70	160.5	164.0	164.0	170.5	149.8	166.5	164.5	170.1	161.3	147.7	160.0	169.5	173.9		
NONDURABLE MATERIALS NEC	1.14	133.2	133.7	131.3	130.3	122.0	127.0	130.1	145.9	147.1	146.0	137.9	133.9	134.4		
ENERGY MATERIALS	8.48	125.2	123.3	123.5	127.2	127.3	127.9	124.9	125.9	127.8	130.9	132.2	131.7	130.6	129.5	
PRIMARY ENERGY	4.65	112.7	117.0	116.1	117.1	114.2	114.0	111.5	115.0	117.2	116.7	113.0	113.5	116.7		
CONVERTED FUEL MATERIALS	3.82	140.5	131.0	132.6	139.4	143.2	144.8	141.1	139.1	140.8	148.2	155.6	153.8	147.5		
<b>SUPPLEMENTARY GROUPS</b>																
HOME GOODS AND CLOTHING	9.35	137.6	142.5	137.6	144.3	126.7	141.5	148.3	146.2	137.7	129.1	132.9	142.9	143.7	144.6	
ENERGY, TOTAL	12.23	135.1	129.5	129.7	135.3	139.5	140.4	137.7	134.7	134.9	139.7	144.1	141.3	138.6	135.7	
PRODUCTS	3.76	157.2	143.5	143.6	153.5	167.2	168.8	166.6	154.5	151.2	159.5	171.2	163.0	156.9		
MATERIALS	8.48	125.2	123.3	123.5	127.2	127.3	127.9	124.9	125.9	127.8	130.9	132.2	131.7	130.6	129.5	

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

**Table 3.**  
**PRODUCTION BY INDUSTRY GROUPINGS**

Seasonally Adjusted, 1967 = 100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967	1978	1979												
		PRO- POR- TION	AVG.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.
<b>MINING AND UTILITIES</b>		12.05	141.6	140.9	140.9	142.5	142.6	142.5	142.1	144.1	144.5	145.0	144.2	143.6	145.0	144.9
MINING		6.36	124.2	127.2	126.7	128.0	127.1	126.0	124.1	127.6	128.1	127.6	124.0	121.8	124.1	123.8
UTILITIES		5.69	161.0	156.0	157.0	158.6	159.9	160.8	162.3	162.4	162.9	164.3	166.8	167.8	168.1	168.4
<b>MANUFACTURING</b>		87.95	145.7	143.5	144.3	145.5	146.7	147.6	148.7	149.5	150.4	151.8	151.9	152.0	152.9	151.3
NONDURABLE		35.97	154.8	153.2	154.0	154.9	155.0	155.6	157.1	157.4	158.5	159.6	160.4	160.4	161.2	161.2
DURABLE		51.98	139.3	136.9	137.6	139.0	141.1	142.2	142.8	144.0	144.8	146.4	146.0	146.1	147.4	144.4
<b>MINING</b>																
METAL MINING	10	.51	121.0	122.3	120.0	121.1	117.0	117.9	115.6	122.1	125.3	123.9	123.5	124.1	126.4	
COAL	11,12	.69	115.7	129.5	131.7	136.4	131.7	124.9	114.7	144.0	145.1	146.8	116.0	104.0	124.0	129.3
OIL AND GAS EXTRACTION	13	4.40	124.7	127.3	126.3	127.1	126.8	126.2	124.9	124.5	124.9	123.8	123.2	121.7	121.7	
STONE AND EARTH MINERALS	14	.75	131.1	128.9	130.1	130.7	131.3	131.6	133.8	134.0	132.9	134.2	136.7	137.0	136.8	
<b>NONDURABLE MANUFACTURES</b>																
FOODS	20	8.75	142.9	143.1	142.8	141.8	142.9	144.0	144.4	143.2	144.2	145.7	145.5	146.5	147.1	
TOBACCO PRODUCTS	21	.67	119.2	121.0	120.2	122.7	120.8	118.6	120.6	119.0	121.5	122.0	120.0	118.8		
TEXTILE MILL PRODUCTS	22	2.68	140.0	138.1	138.5	140.4	141.0	139.5	142.2	142.1	143.9	144.9	143.5	141.3	143.2	
APPAREL PRODUCTS	23	3.31	126.3	126.1	125.8	126.8	124.5	127.2	130.9	130.6	129.9	131.4	132.3	130.2		
PAPER AND PRODUCTS	26	3.21	144.5	145.7	146.6	148.0	140.5	141.9	142.3	145.8	145.3	147.8	148.9	148.0	149.1	148.9
PRINTING AND PUBLISHING	27	4.72	129.9	128.6	128.2	128.7	130.3	129.5	131.0	130.5	132.1	133.0	135.8	137.1	136.8	137.0
CHEMICALS AND PRODUCTS	28	7.74	190.7	185.5	188.1	191.1	192.3	192.2	194.2	195.9	197.6	197.9	200.8	201.4	201.3	
PETROLEUM PRODUCTS	29	1.79	144.2	141.7	143.4	142.8	144.3	144.1	147.1	147.9	148.9	149.9	147.9	145.5	145.0	146.1
RUBBER & PLASTICS PRODUCTS	30	2.24	154.8	149.1	152.7	155.5	159.1	161.1	163.1	164.1	164.2	167.0	168.1	166.9	169.4	
LEATHER AND PRODUCTS	31	.86	74.1	76.0	75.7	75.1	74.5	74.0	74.1	73.8	74.1	74.0	75.1	73.3	73.0	
<b>DURABLE MANUFACTURES</b>																
ORDNANCE, PVT & GOVT	19,91	3.64	73.7	73.0	74.3	74.7	75.2	75.2	74.3	73.9	73.6	74.2	73.4	73.5	73.4	74.1
LUMBER AND PRODUCTS	24	1.64	138.9	136.9	136.5	138.7	138.1	136.9	139.2	141.2	142.5	146.0	142.0	141.1	140.0	
FURNITURE AND FIXTURES	25	1.37	154.7	148.9	152.8	156.2	158.1	159.0	160.7	160.9	157.6	156.7	161.7	163.6	165.0	
CLAY, GLASS, STONE PROD	32	2.74	159.2	156.7	157.9	159.8	158.8	159.5	160.9	162.1	166.3	167.7	168.6	166.9	165.0	
<b>PRIMARY METALS</b>																
IRON AND STEEL	33,32	6.57	119.0	114.3	115.5	117.5	123.0	126.0	127.9	128.6	129.0	130.4	122.0	121.4	121.9	121.1
FABRICATED METAL PROD	34	4.21	113.2	109.0	110.5	114.5	119.0	120.9	123.2	123.8	124.1	124.5	112.7	112.8	114.5	
NONELECTRICAL MACHINERY	35	5.93	142.6	139.5	140.4	142.3	144.0	145.8	146.3	146.0	146.9	149.0	151.0	152.2	152.3	151.0
ELECTRICAL MACHINERY	36	9.15	155.6	152.2	152.9	154.6	156.1	157.3	158.7	160.3	160.3	161.8	163.6	164.6	166.0	165.3
TRANSPORTATION EQUIP	37	8.05	154.3	152.3	152.9	154.1	157.9	156.9	158.3	157.9	159.0	161.9	163.9	164.9	166.1	165.2
MOTOR VEHICLES & PTS	371	9.27	130.5	130.5	130.1	130.4	132.1	133.4	132.8	137.0	139.3	139.5	137.7	136.3	140.3	127.3
AEROSPACE & MISC	372-9	4.50	168.3	171.7	168.3	167.7	169.7	171.0	168.9	176.8	180.8	179.7	174.5	171.4	177.9	153.8
INSTRUMENTS	38	4.77	94.9	91.8	93.9	95.0	96.5	98.3	98.9	99.6	100.2	101.7	103.0	103.2	104.8	102.5
MISCELLANEOUS MFRS	39	2.11	171.6	170.5	169.8	170.9	172.2	175.4	174.6	175.3	176.2	179.5	180.4	181.0	182.3	182.5
<b>UTILITIES</b>																
ELECTRIC		3.88	182.2	175.0	177.1	180.1	182.1	183.2	184.4	184.1	185.0	186.6	189.4			

**Table 4.**  
**CHANGES IN OUTPUT (PER CENT)**

	1978								1979			
	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.
<b>CHANGE FROM PREVIOUS MONTH</b>												
TOTAL INDEX	.5	.7	.8	.7	.5	.6	.6	.9	.0	.1	.7	-1.0
FINAL PRODUCTS	.0	.4	.8	.8	.3	.3	.3	.8	.2	.3	.7	-1.4
CONSUMER GOODS	-.3	.0	.5	.5	.4	.1	.3	.6	.0	.1	.7	-1.8
DURABLE CONSUMER GOODS	-1.0	.2	.2	.4	-.7	.8	.1	.1	-.6	.2	1.6	-6.4
NONDURABLE CONSUMER GOODS	-.1	-.1	.6	.5	.9	-.1	.3	1.0	.2	.0	.3	.1
BUSINESS EQUIPMENT	.6	1.0	1.2	1.0	.2	.7	.2	.9	.6	.5	.9	-.7
INTERMEDIATE PRODUCTS	.3	1.4	.6	.5	.4	.6	.8	1.6	.9	.3	-.2	-.4
MATERIALS	1.0	.9	1.0	.5	.7	1.1	.9	.7	-.5	-.3	.9	-.7
DURABLE GOODS MATERIALS	.8	1.0	2.3	1.1	1.1	1.2	.6	1.2	-.9	-.5	.5	-1.4
NONDURABLE GOODS MATERIALS	.9	.4	-1.0	.1	1.0	.8	1.3	-.4	.7	.7	.6	.4
MANUFACTURING	.6	.8	.8	.6	.7	.5	.6	.9	.1	.1	.6	-1.0
NONDURABLE	.5	.6	.1	.4	1.0	.2	.7	.7	.5	.0	.5	.0
DURABLE	.5	1.0	1.5	.8	.4	.8	.6	1.1	-.3	.1	.9	-2.0
MINING AND UTILITIES	.0	1.1	.1	-.1	-.3	1.4	.3	.3	-.6	-.4	1.0	-.1
<b>CHANGE FROM SAME MONTH A YEAR AGO</b>												
TOTAL INDEX	5.0	5.2	5.3	6.5	6.7	7.1	7.4	8.0	8.7	8.5	7.9	5.1
FINAL PRODUCTS	4.3	4.2	3.9	5.1	5.0	5.6	5.5	5.8	8.2	7.3	6.0	3.4
CONSUMER GOODS	2.7	2.2	1.6	2.6	2.8	3.0	3.1	3.3	6.2	4.8	4.0	1.0
DURABLE CONSUMER GOODS	5.3	3.1	1.8	4.4	3.0	3.1	4.3	3.9	9.8	6.7	4.1	-5.2
NONDURABLE CONSUMER GOODS	1.6	1.8	1.5	1.8	2.6	3.0	2.5	3.1	4.7	4.0	4.0	3.7
BUSINESS EQUIPMENT	7.6	7.8	8.3	9.5	9.0	9.4	8.9	9.5	11.2	10.6	9.3	7.2
INTERMEDIATE PRODUCTS	6.3	6.9	6.4	7.0	7.2	6.9	7.3	7.6	7.3	7.7	7.5	6.6
MATERIALS	5.3	5.6	6.5	8.0	8.6	9.0	9.9	10.8	10.0	10.2	10.2	6.5
DURABLE GOODS MATERIALS	6.4	6.6	8.7	11.1	12.1	12.3	12.9	13.0	12.4	12.8	12.1	7.4
NONDURABLE GOODS MATERIALS	5.2	6.1	5.5	4.9	6.8	7.3	8.0	7.6	8.6	6.9	6.2	5.6
MANUFACTURING	5.3	5.6	5.9	6.5	7.0	7.2	7.5	8.0	9.5	9.0	8.1	5.4
NONDURABLE	3.7	4.4	4.3	4.1	5.1	5.2	5.6	5.8	7.1	6.5	6.5	5.2
DURABLE	6.4	6.5	7.2	8.3	8.4	8.8	9.1	9.7	11.4	11.1	9.7	5.5
MINING AND UTILITIES	2.8	2.7	2.3	6.0	5.2	6.1	6.6	8.3	4.9	4.3	4.9	2.8

Table 5.  
**PRODUCTION BY INDUSTRY GROUPINGS**

Not Seasonally Adjusted, 1967=100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967	1978	1978				1979								
		PRO- POR- TION	AVG.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.
<b>MINING AND UTILITIES</b>																
MINING		12.05	141.6	137.0	136.4	142.4	145.5	147.2	144.5	141.4	141.2	145.4	149.5	146.5	143.7	140.6
UTILITIES		6.36	124.2	127.0	127.4	128.8	124.6	126.6	126.0	129.3	130.0	126.5	121.1	120.1	123.4	123.6
		5.69	161.0	148.2	146.4	157.7	168.8	170.2	165.2	155.0	153.7	166.5	181.1	175.9	166.1	159.5
<b>MANUFACTURING</b>																
NONDURABLE		87.95	145.7	145.1	145.1	149.7	141.2	146.9	153.0	154.1	151.1	146.1	145.7	152.0	154.0	152.8
DURABLE		35.97	154.8	153.3	153.5	159.3	150.3	160.3	164.2	163.7	159.4	151.7	152.1	158.4	160.3	161.5
		51.98	139.3	139.5	139.2	143.0	135.1	137.7	145.3	147.5	145.2	142.1	141.3	147.5	149.7	146.8
<b>MINING</b>																
METAL MINING	10	.51	121.0	121.1	129.8	132.0	115.2	123.8	125.3	125.0	120.9	115.6	111.5	117.3	121.2	
COAL	11,12	.69	115.7	137.4	137.9	137.2	115.0	124.7	118.8	146.2	146.1	130.5	104.4	107.6	136.5	138.5
OIL AND GAS EXTRACTION	13	4.40	124.7	125.6	124.3	125.9	125.2	125.9	125.3	125.4	127.0	125.7	123.8	121.7	120.5	119.1
STONE AND EARTH MINERALS	14	.75	131.1	129.7	134.1	135.5	130.0	134.5	137.1	139.8	139.3	134.9	127.1	124.3	130.0	
<b>NONDURABLE MANUFACTURES</b>																
FOODS	20	8.75	142.9	140.5	138.9	143.9	140.9	149.0	154.6	152.6	146.5	141.1	138.3	141.4	142.8	
TOBACCO PRODUCTS	21	.67	119.2	115.4	117.8	128.8	100.3	125.9	128.7	131.2	125.1	99.3	123.5	124.5		
TEXTILE MILL PRODUCTS	22	2.68	140.0	143.0	142.7	146.5	125.1	144.2	146.5	148.0	143.9	134.1	135.7	140.9	147.4	
APPAREL PRODUCTS	23	3.31	126.3	130.2	125.4	132.8	112.4	133.7	139.7	137.3	127.6	112.3	125.8	134.0		
PAPER AND PRODUCTS	26	3.21	144.5	151.8	150.2	152.4	130.4	142.8	140.2	150.9	145.3	133.9	140.4	152.7	154.9	154.1
PRINTING AND PUBLISHING	27	4.72	129.9	123.5	125.9	133.6	136.6	141.2	143.8	137.0	133.9	126.4	121.7	127.1	128.6	131.5
CHEMICALS AND PRODUCTS	28	7.74	190.7	186.8	190.0	196.8	192.9	195.5	200.8	199.8	197.4	190.8	190.0	197.0	199.9	
PETROLEUM PRODUCTS	29	1.79	144.2	136.0	141.2	146.5	149.1	149.4	150.3	148.3	152.0	152.9	143.4	140.6	139.2	140.3
RUBBER & PLASTICS PRODUCTS	30	2.24	254.8	253.6	252.7	258.6	233.2	259.2	265.7	270.4	267.4	262.3	260.1	279.4	279.6	
LEATHER AND PRODUCTS	31	.86	74.1	79.9	74.9	78.0	64.8	75.1	75.1	75.6	73.4	70.4	74.7	75.5	75.1	
<b>DURABLE MANUFACTURES</b>																
ORDNANCE, PVT & GOVT	19,91	3.64	73.7	73.2	74.4	75.4	74.6	74.0	73.6	72.8	72.9	74.3	74.1	74.7	74.7	74.3
LUMBER AND PRODUCTS	24	1.64	138.9	140.6	138.4	144.1	135.1	140.3	143.9	146.6	140.1	135.3	131.8	141.7	141.1	
FURNITURE AND FIXTURES	25	1.37	154.7	148.9	150.7	156.4	141.3	159.0	163.9	162.7	160.8	157.5	160.0	171.6	168.3	
CLAY, GLASS, STONE PROD	32	2.74	159.2	158.8	161.1	167.1	159.3	165.9	166.2	169.9	167.1	158.3	154.8	157.7	162.2	
PRIMARY METALS	33	6.57	119.0	124.2	123.7	124.3	113.7	116.1	123.1	126.4	122.5	122.5	117.4	123.9	131.4	133.0
IRON AND STEEL	331,2	4.21	113.2	119.9	119.9	120.2	113.3	110.1	117.0	120.7	115.9	117.1	106.6	113.5	123.5	
FABRICATED METAL PROD	34	5.93	142.6	139.8	141.0	143.7	139.0	143.9	147.7	148.7	148.4	147.1	146.2	154.9	154.4	151.3
NOELECTRICAL MACHINERY	35	9.15	155.6	151.7	151.8	159.3	154.4	157.3	165.0	163.2	160.3	156.7	157.4	166.5	165.8	164.7
ELECTRICAL MACHINERY	36	8.05	154.3	152.0	152.1	156.9	150.8	153.4	162.4	164.1	161.2	159.6	160.3	165.9	166.6	164.6
TRANSPORTATION EQUIP	37	9.27	130.5	137.7	134.1	135.7	120.3	116.9	133.5	143.3	141.3	134.6	136.2	139.8	146.1	132.9
MOTOR VEHICLES & PTS	371	4.50	168.3	184.8	176.4	178.3	149.2	139.5	169.9	188.6	183.2	168.0	173.5	178.6	188.6	163.8
AEROSPACE & MISC	372-9	4.77	94.9	93.3	94.3	95.5	93.1	95.6	99.2	100.6	101.9	103.2	101.0	103.2	106.1	103.7
INSTRUMENTS	38	2.11	171.6	167.3	169.1	174.3	171.5	176.6	179.3	177.9	179.2	178.2	174.6	178.6	179.6	179.0
MISCELLANEOUS MFRS	39	1.51	153.3	150.9	150.7	156.6	148.8	159.8	165.2	160.8	155.0	148.2	144.0	155.0	154.6	153.7
<b>UTILITIES</b>																
ELECTRIC		3.88	182.2	162.4	162.8	181.0	198.2	199.8	192.0	175.5	171.1	186.4	203.7			

**Table 6.**  
**DETAILED OUTPUT SERIES**

Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967		1979													
		PRO-1 TDNI	1978 POR-1 AVG.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	
<b>METAL MINING</b>	10	.51															
IRON ORE	101,61	.24	110.01	126.6	115.3	99.9	106.6	101.7	100.5	98.9	111.8	125.3	132.71	132.6	128.4	133.0	
NONFERRROUS ORES	102-5,8,9	.27	130.81	131.4	132.1	131.5	128.4	123.6	134.7	129.5	133.2	132.1	124.01	124.7	127.3	129.2	
COPPER ORE	102	.14	155.61	154.5	157.2	154.7	153.0	144.1	163.3	155.1	160.7	160.1	143.51	145.1	151.6	155.0	
LEAD AND ZINC ORES	103	.03	89.81	101.4	101.6	100.9	72.6	66.1	81.5	86.8	92.7	89.1	89.91	82.6	83.7	76.1	
<b>ANTHRACITE</b>	11	.03	53.21	51.3	61.2	58.1	57.3	73.2	57.4	54.7	50.7	52.1	43.01	45.5	39.7	44.0	
<b>BITUMINOUS COAL</b>	12	.66	118.31	79.5	132.5	135.2	140.6	134.7	127.8	117.3	149.8	153.6	142.11	109.8	105.0	133.3	
<b>OIL AND GAS EXTRACTION</b>	13	4.401															
CRUDE OIL & NATURAL GAS	131	3.61	99.11	96.9	100.9	98.6	100.2	100.5	100.1	99.1	98.9	99.6	99.91	99.8	97.8	99.0	
CRUDE OIL, TOTAL		2.94	96.81	94.0	99.4	95.4	97.3	97.8	97.7	97.6	97.1	98.0	98.31	98.2	95.6	96.6	
ALASKA, CALIF. CRUDE		.31	203.71	192.1	218.1	199.0	210.2	211.2	213.1	217.6	215.8	218.41	218.8	211.1	218.9		
TEXAS CRUDE		1.07	96.11	93.6	98.2	94.9	95.3	96.1	95.6	94.6	93.2	95.5	94.31	94.6	92.0	90.5	
LA. AND OTHER CRUDE		1.57	76.51	75.1	77.1	75.6	76.6	76.9	76.9	77.2	76.2	76.7	77.71	77.2	75.6	76.9	
NATURAL GAS		.67	109.11	109.9	107.6	112.2	113.2	112.6	110.5	106.0	106.6	106.4	107.11	106.8			
NATURAL GAS LIQUIDS	132	.30															
LP PROPANE		.04															
LP MATERIALS		.26															
OIL AND GAS DRILLING	138	.50	135.21	1323.9	332.3	339.2	335.2	327.8	322.5	318.1	313.5	307.2	292.71	286.5	294.2	295.7	
<b>FOODS</b>	20	8.75															
MEAT PRODUCTS	201	1.17	113.81	113.8	116.1	113.6	111.4	115.2	115.2	113.4	112.8	114.2	113.91	110.8	112.3	114.5	
BEEF		.40	120.11	120.7	125.0	120.5	114.2	115.8	120.3	119.1	118.0	119.4	117.51	116.4	112.8	105.6	
PORK		.55	106.61	104.7	107.0	103.7	104.1	112.8	109.9	107.4	106.8	110.3	108.81	102.0	107.6	113.4	
MISC. MEATS		.22	120.21	123.8	123.6	126.8	124.4	119.9	119.2	117.6	118.7	114.9	120.21	122.5	123.1	133.3	
DAIRY PRODUCTS	202	1.14	120.41	119.7	119.8	118.9	119.4	119.8	120.6	121.5	122.5	123.2	122.71	121.8	122.3	123.2	
BUTTER	2021	.04	81.61	83.6	84.9	73.2	69.0	79.0	74.4	85.7	82.3	77.4	79.71	83.8	84.4	78.0	
CHEESE	2022	.07	234.71	233.9	224.0	224.5	225.5	222.5	232.1	239.2	248.9	260.4	256.51	247.9	248.2	246.8	
CONCENTRATED MILK	2023	.12	53.61	54.5	54.3	51.3	52.0	56.2	55.2	54.5	51.7	51.1	49.91	49.9	49.9	50.5	
FROZEN DESSERTS	2024	.13	131.11	129.8	135.7	130.9	132.0	130.3	132.4	130.6	136.1	135.8	133.51	127.9	129.6	137.1	
CANNED AND FROZEN FOODS	203	1.18	162.81	162.8	161.2	161.8	162.3	161.6	162.5	163.8	162.2	164.5	167.71	165.3	166.5	168.1	
GRAIN MILL PRODUCTS	204	.95	175.81	177.8	182.9	179.8	174.3	176.3	177.3	174.5	177.3	177.0	177.91	173.7	174.8	181.3	
FLOUR & CORN MILL.	2041,6	.28	113.31	115.1	127.4	118.1	111.2	119.4	115.5	104.1	111.4	115.2	109.21	104.2	110.0	115.5	
BAKERY PRODUCTS	205	1.15	117.81	115.8	116.8	116.6	117.0	118.2	118.8	121.0	118.5	118.2	120.01	120.6	121.1	120.5	
SUGAR	206	.21	123.61	116.7	136.4	129.6	123.5	115.3	111.7	117.1	124.8	133.2	139.01	127.4	131.3	121.6	
CONFECTIONERY	207	.41	107.11	99.4	125.2	111.2	100.1	111.6	122.7	94.5	97.7	99.5	117.91	83.8	109.0	111.1	
BEVERAGES	208	1.58	180.91	172.6	181.1	177.8	175.7	185.3	186.7	185.7	184.8	184.1	186.91	184.4	194.5	187.2	
BEER AND ALE	2082,3	.52	154.21	144.5	156.7	151.7	145.0	156.4	162.5	154.2	156.3	156.1	162.21	157.2	165.8		
WINES AND BRANDY	2084	.07	231.51	222.8	236.9	233.5	201.0	263.8	250.1	246.1	235.3	250.8	229.21	201.4	225.1		
LIQUORS	2085	.24	130.91	126.4	144.1	118.2	126.0	133.9	132.6	135.5	130.2	126.9	124.01	129.8	140.8	127.3	
SOFT DRINKS	2086,7	.74	211.61	202.9	205.1	210.7	211.2	215.8	215.6	219.0	218.2	216.8	220.91	219.9	229.5	226.6	
MISC. FOOD PREPARATIONS	209	.97	138.31	136.4	135.0	136.2	134.8	137.0	143.2	141.4	142.6	140.8	144.41	144.2	142.9	144.8	
FATS AND OILS	2091,4,6	.30	137.01	138.9	135.2	135.0	135.9	136.7	141.9	143.2	141.9	136.0	147.01	135.0	139.3	144.2	
COFFEE, MISC. FOOD	2095,7-9	.67	138.91	135.3	135.0	136.7	134.4	137.2	143.8	140.6	142.8	142.8	143.31	148.4	144.6		
<b>TOBACCO PRODUCTS</b>	21	.67															
CIGARETTES	211	.54	120.81	115.9	132.5	116.9	126.5	116.4	117.5	122.5	119.7	123.7	125.81	123.9	112.9	110.2	
CIGARS	212	.07	65.21	66.6	74.1	71.2	71.7	62.2	60.7	63.9	59.5	60.9	57.51	56.4	61.2	59.1	
<b>TEXTILE MILL PRODUCTS</b>	22	2.69															
FABRICS	221-4	1.05	99.61	97.9	100.1	98.1	97.5	97.1	98.0	100.2	102.0	102.8	104.71	101.6	100.1	104.1	
COTTON FABRICS	221,4	.60	73.41	73.3	74.4	73.2	70.3	72.8	71.3	73.2	75.0	74.1	74.21	74.0	70.7	75.6	
MAN-MADE FABRICS	222	.30	171.21	165.1	170.6	165.8	168.2	163.6	169.2	173.4	175.8	180.5	186.81	180.7	179.7	180.2	
WOOL FABRICS	223	.14	57.81	59.1	59.0	59.8	61.9	58.3	58.6	59.1	59.1	58.5	59.01	50.3	55.3	62.5	
KNIT GOODS	225	.63	193.51	183.7	194.4	189.7	192.1	195.8	188.9	199.5	196.7	197.9	209.71	199.4	197.2	198.9	
HOSIERY	2251,2	.21	189.71	167.5	193.1	181.4	188.3	195.3	173.1	195.3	192.4	200.7	239.01	203.8	202.5	199.0	
KNIT GARMENTS	2253-9	.42	195.41	191.9	195.2	193.9	194.0	196.0	197.2	201.4	198.8	196.5	194.61	197.1	194.6	198.8	
FABRIC FINISHING	226	.23	157.61	139.0	148.8	158.0	160.1	178.5	163.3	165.0	158.8	167.8	174.91	141.0	139.9	141.7	
CARPETING	227	.20	184.21	168.9	176.1	182.7	184.7	195.8	190.3	189.3	193.4	187.3	188.81	194.9	193.3	194.9	
YARN & MISC. TEXTILES	228,9	.57	132.91	130.6	135.5	133.1	134.3	133.0	130.3	130.2	135.3	133.2	132.71	134.9	131.7	136.5	
<b>APPAREL PRODUCTS</b>	23	3.33															
MEN'S OUTERWEAR	231,2	1.06	112.41	107.4	112.2	111.9	109.6	102.5	110.8	120.6	125.9	114.8	118.91	111.3	114.5	113.2	
MEN'S SUITS AND COATS	231	.34	97.71	96.6	96.1	96.3	102.5	99.1	100.8	107.7	102.8	95.5	97.41	81.9	100.0	107.7	
MEN'S FURNISHINGS	232	.69		114.4	122.0	121.5	114.7	105.7	117.5	129.1	139.9						
WOMEN'S OUTERWEAR	233	1.05	154.11	144.1	162.9	154.1	157.6	149.6	163.1	164.8	151.6	154.4	174.61	164.8	157.0	161.7	
MISC. APP. & ALLIED GDS	234-9	1.20	116.91	116.0	117.0	116.1	117.9	119.0	115.8	117.2	117.3	117.7	120.71	120.5	120.8	119.7	
<b>LUMBER AND PRODUCTS</b>	24	1.64															
LOGGING AND LUMBER	241,2	.82	112.91	107.5	110.9	105.6	111.5	113.7	108.8	115.0	116.2	115.7	128.31	112.8	111.1	111.0	
LUMBER	242	.59	110.81	103.7	109.9	106.0	110.6	112.8	106.4	113.6	112.1	113.3	125.41	106.1			
LUMBER PRODUCTS	243,4,9	.82	165.01	165.9	163.0	166.2	164.9	161.9	162.5	164.5	167.0	168.6	169.81	170.5	168.0	167.6	
MILLWORK AND PLYWOOD	243	.50	178.91	180.2	175.4	181.9	179.6	174.7	175.6	178.2	180.3	181.4	184.31	185.8	180.4		
PLYWD, PREFAB PROD	2432,3	.29	195.91	197.1	188.3	198.7	195.7	187.3	191.5	195.6	202.2	201.5	202.91	207.2			
<b>FURNITURE AND FIXTURES</b>	25	1.37															
HOUSEHOLD FURNITURE	251	.87	159.81	155.0	151.6	159.2	161.6	163.6	163.2	166.6	164.1	161.2	162.31	164.8	169.3	169.3	
FIXTURES, OFF. FURN.	252,4,9	.42	153.21	142.3	146.6	148.0	151.5	159.1	159.5	158.4	164.5	161.9	159.51	164.8	164.6	161.1	







**Table 7.  
DETAILED OUTPUT SERIES**

Not Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967 PRO-PORTION	1978 AVG.	1978												1979		
				MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.		
<b>METAL MINING</b>																		
IRON ORE	101,6	.51	110.0	102.0	101.1	123.3	131.7	122.5	121.1	120.9	114.3	108.4	106.7	98.4	100.7	107.2		
NONFERROUS ORES	102-5,8,9	.27	130.8	136.9	138.7	135.8	132.1	108.9	126.2	129.2	134.3	132.1	123.6	123.2	132.1	133.9		
COPPER ORE	102	.14	155.6	161.0	168.4	161.2	160.3	122.5	150.9	154.3	163.3	159.8	142.6	141.2	158.7	161.5		
LEAD AND ZINC ORES	103	.03	89.8	105.6	101.8	99.7	74.1	64.1	83.2	87.1	94.6	86.3	84.0	80.6	88.1	79.2		
<b>ANTHRACITE</b>																		
<b>BITUMINOUS COAL</b>																		
ANTHRACITE	11	.03	53.2	51.6	61.0	59.9	57.4	57.6	62.7	58.1	54.5	55.4	42.9	42.0	38.2	44.3		
BITUMINOUS COAL	12	.66	118.3	83.6	140.5	141.1	140.6	117.2	127.2	121.2	149.9	149.8	134.0	106.9	110.5	140.2		
<b>OIL AND GAS EXTRACTION</b>																		
CRUDE OIL & NATURAL GAS	131	3.61	99.1	97.3	101.4	98.8	99.9	100.0	99.4	98.6	98.3	99.9	99.8	99.4	99.3	99.4		
CRUDE OIL, TOTAL		2.94	96.8	94.1	100.0	96.3	97.5	98.0	97.6	97.0	98.1	97.6	96.8	95.7	96.7			
ALASKA, CALIF. CRUDE		.31	203.7	191.1	217.9	199.6	211.3	212.3	213.4	213.3	218.5	216.9	216.9	217.3	209.0	217.8		
TEXAS CRUDE		1.07	96.1	95.0	100.0	96.0	95.5	95.9	95.0	94.0	92.8	94.9	93.4	92.9	92.4	91.9		
LA. AND OTHER CRUDE		1.57	76.5	74.6	77.0	76.4	76.8	77.1	76.9	77.2	76.3	77.1	77.2	76.0	75.9	76.4		
NATURAL GAS		.67	109.1	111.5	107.8	109.5	110.5	108.9	107.0	103.7	103.7	107.8	109.6	110.8				
NATURAL GAS LIQUIDS	132	.30																
LP PROPANE		.04																
LP MATERIALS		.26																
OIL AND GAS DRILLING	138	.50	315.2	301.2	306.7	313.8	319.1	321.9	324.4	325.4	327.3	328.7	319.0	306.8	288.0	275.0		
<b>EDDS</b>																		
<b>MEAT PRODUCTS</b>																		
BEEF	201	1.17	113.8	112.3	115.1	111.6	111.3	106.0	114.0	116.0	122.2	120.5	113.0	111.8	107.7	113.1		
PORK		.40	120.1	118.6	121.4	118.2	116.8	112.8	119.9	120.1	125.3	121.4	115.7	118.4	110.5	103.8		
MISC. MEATS		.55	106.6	108.9	112.2	103.9	100.6	94.5	101.7	107.6	113.1	118.9	110.9	105.9	105.1	117.9		
MEAT PRODUCTS		.22	120.2	109.4	111.0	119.4	127.8	121.9	134.0	129.5	139.0	122.7	113.5	114.8	108.8	117.8		
<b>DAIRY PRODUCTS</b>																		
BUTTER	202	1.14	120.4	120.5	123.2	124.5	129.2	125.1	122.7	119.6	117.5	115.6	116.8	116.8	120.2	123.9		
CHEESE	2021	.04	81.6	91.1	102.1	90.2	82.2	73.1	59.8	64.0	69.1	64.8	76.6	90.8	91.8	85.0		
CONCENTRATED MILK	2022	.07	234.7	243.7	247.7	257.7	270.1	233.6	224.2	216.0	220.8	226.0	237.8	229.3	243.0	257.2		
FROZEN DESSERTS	2023	.12	53.6	56.6	63.5	68.5	72.7	62.7	54.0	44.8	40.0	36.4	42.7	43.2	46.7	52.5		
DAIRY PRODUCTS	2024	.13	131.1	126.8	136.5	139.9	169.9	164.7	159.8	142.9	123.3	107.8	98.9	97.7	115.3	133.9		
<b>CANNED AND FROZEN FOODS</b>																		
GRAIN MILL PRODUCTS	203	1.18	162.8	153.0	152.0	154.4	158.9	156.9	171.8	193.9	185.5	168.1	153.4	153.9	159.5	158.0		
FLOUR & CORN MILL.	204	.95	175.8	173.7	172.8	167.4	172.0	173.8	182.6	180.8	187.2	181.4	181.6	173.9	175.0	177.1		
BAKERY PRODUCTS	205	1.15	117.8	108.0	110.0	112.8	121.0	127.0	130.2	132.3	124.1	117.5	114.8	113.5	111.9	112.4		
SUGAR	206	.21	123.6	1103.6	114.3	113.3	114.4	95.0	98.0	110.7	159.5	174.6	173.2	140.1	116.6	108.0		
CONFECTIONERY	207	.41	107.1	101.5	109.4	93.2	88.5	78.2	132.3	145.0	115.2	107.3	96.3	76.8	117.4	113.4		
<b>BEVERAGES</b>																		
BEER AND ALE	208	1.58	180.9	168.1	180.0	178.3	193.8	194.4	201.3	198.5	190.9	178.6	172.1	167.4	173.1	182.0		
WINES AND BRANDY	2082,3	.52	154.2	150.3	171.7	163.8	173.9	176.1	174.2	153.9	144.4	131.0	135.4	136.8	152.5	221.1		
LIQUORS	2084	.07	231.5	233.0	220.6	210.4	204.2	188.6	216.1	240.2	283.8	298.9	282.6	202.8	206.0			
SOFT DRINKS	2085	.24	130.9	130.6	138.8	112.8	137.2	105.4	129.3	145.9	160.3	145.0	123.6	113.6	123.1	131.8		
MISC. FOOD PREPARATIONS	2086,7	.74	211.6	187.1	195.7	207.1	225.3	236.7	242.6	243.5	225.4	212.7	204.1	203.2	201.0	208.9		
<b>MISC. FOOD PREPARATIONS</b>																		
FATS AND OILS	2091-4,6	.30	137.0	143.9	134.3	130.4	129.0	118.5	127.7	129.7	146.9	149.2	157.1	148.2	150.2	149.5		
COFFEE, MISC.FOOD	2095,7-9	.67	138.9	134.2	138.5	134.9	131.6	130.9	139.6	141.2	140.8	144.7	147.2	149.9	151.8			
<b>TOBACCO PRODUCTS</b>																		
CIGARETTES	211	.67																
CIGARS	212	.07	65.2	68.3	73.7	71.6	69.7	46.8	65.9	69.1	70.8	65.5	44.3	56.0	64.7	60.6		
<b>TEXTILE MILL PRODUCTS</b>																		
FABRICS	221	2.69																
COTTON FABRICS	221,4	1.05	99.6	103.8	102.6	103.1	100.8	80.3	97.8	97.7	102.1	103.1	96.5	105.8	106.2	110.2		
MAN-MADE FABRICS	222	.60	73.4	77.6	75.9	75.8	72.2	60.3	72.2	71.7	75.9	75.1	68.6	76.2	74.5	80.0		
WOOL FABRICS	223	.30	171.2	173.9	172.6	173.6	173.0	135.0	169.0	172.0	177.9	182.8	173.2	187.0	189.0	189.7		
KNIT GOODS	225	.14	57.8	64.9	67.0	69.0	66.5	48.6	54.4	49.9	52.0	51.5	51.0	58.3	63.7	68.7		
HOSIERY	2251,2	.63	193.5	181.1	194.6	191.6	209.2	191.1	209.7	219.0	204.0	194.9	182.4	173.7	188.9	197.1		
KNIT GARMENTS	2253-9	.21	189.7	186.1	208.0	179.0	199.4	189.6	184.3	204.7	193.0	191.9	191.2	183.6	206.5	221.1		
FABRIC FINISHING	226	.42	195.4	178.5	187.8	198.0	214.2	191.9	222.6	226.4	209.5	196.5	178.1	168.7	179.8	184.9		
CARPETING	227	.23	157.6	149.8	156.2	165.1	168.7	128.7	164.3	163.5	166.9	171.8	162.3	140.7	147.2	152.7		
YARN & MISC.TEXTILES	228,9	.20	184.2	177.2	190.9	185.8	187.3	179.2	178.7	202.5	212.7	193.9	182.2	171.1	180.2	204.1		
APPAREL PRODUCTS	23	.57	132.9	133.0	138.5	137.4	138.1	114.5	136.9	129.9	140.4	133.6	121.7	134.4	135.7	139.2		
<b>APPAREL PRODUCTS</b>																		
MEN'S OUTERWEAR	231,2	3.33																
MEN'S SUITS AND COATS	231	1.06	112.4	117.1	122.4	114.3	115.9	78.4	109.9	126.0	129.6	115.4	102.4	110.2	119.7	123.4		
MEN'S FURNISHINGS	232	.34	97.7	104.6	109.0	102.6	101.7	64.2	101.4	113.6	111.5	100.0	83.9	81.5	102.8	116.4		
WOMEN'S OUTERWEAR	233	.69		125.3	131.1	122.0	124.8	85.8	115.7	134.3	141.0							
MISC. APP.& ALLIED GDS	234-9	1.05	154.1	155.1	169.6	148.9	163.4	138.7	169.3	173.5	161.6	147.1	136.2	160.5	170.3	173.7		
LUMBER AND PRODUCTS	24	1.20	116.9	110.0	111.3	113.1	124.2	119.6	129.4	129.1	122.9	117.1	113.9	109.3	115.2	113.4		
<b>LUMBER AND PRODUCTS</b>																		
LOGGING AND LUMBER	241,2	1.64																
LUMBER	242	.82	112.9	106.4	115.7	107.2	119.4	115.2	114.3	123.0	121.8	112.3	112.3	99.3	108.5	109.7		
LUMBER PRODUCTS	243,4,9	.59	110.8	107.4	119.8	106.7	116.1	109.0	108.7	119.9	116.1	108.1	107.6	95.9				
MILLWORK AND PLYWOOD	243	.82	165.0	168.7	165.4	169.4	168.7	154.9	166.1	164.7	171.3	167.8	162.0	164.2	168.7	170.4		
PLYWD,PREFAB PROD	2432,3	.50	178.9	183.6	178.6	185.7	184.8	166.1	183.0	178.6	187.9	179.4	172.1	177.4	180.0			
FURNITURE AND FIXTURES	25	.29	195.9	207.7	195.8	206.2	200.4	169.3	199.0	192.9	212.5	197.9	182.8	197.5				
<b>FURNITURE AND FIXTURES</b>																		
HOUSEHOLD FURNITURE	251	1.37																
FIXTURES, OFF. FURN.	252,4,9	.87	159.8	158.9	154.0	156.5	162.6	143.0	166.5	170.4	166.1	163.3	160.5	163.0	177.1	173.5		

Table 7. (continued)  
**DETAILED OUTPUT SERIES**

Not Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967 PROD- TION	1978	1979													
			1978 PDR- AVG.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	
<b>PAPER AND PRODUCTS</b>	26	3.21															
PULP AND PAPER	261-31	1.38	135.2	141.0	143.1	141.1	143.0	123.4	130.6	130.6	137.9	136.6	122.9	131.0	142.1	143.7	
WOOD PULP	261	.50	128.4	133.2	136.0	130.5	136.3	117.9	123.5	128.6	130.0	131.1	116.4	125.3	135.6		
PAPER	262	.54	136.6	144.0	146.5	144.5	144.7	122.9	125.8	126.4	138.1	135.4	127.0	132.1	145.4	144.6	
PAPERBOARD	263	.34	143.2	147.9	148.0	151.6	150.2	132.1	148.8	140.3	149.4	146.6	126.1	137.5	146.4	151.8	
CONVERTED PAPER PROD.	264	.93	155.5	165.6	162.7	162.6	162.8	141.2	149.4	143.9	159.1	156.2	146.8	150.0	167.8	165.3	
SANITARY PAPER PROD.	2647	.18	129.4	142.8	143.6	143.2	143.2	119.3	113.8	108.7	125.7	121.2	120.0	127.0	145.4	143.3	
PAPERBOARD CONTAINERS	265	.84	150.3	151.9	156.4	153.4	162.4	131.8	157.3	154.1	166.3	149.8	140.0	147.5	156.5	164.6	
BUILDING PAPER AND BOARD	266	.06	113.5	118.9	121.6	121.3	117.3	105.7	123.7	112.1	105.8	116.3	102.3	106.8	111.2	117.5	
<b>PRINTING AND PUBLISHING</b>	27	4.72															
NEWSPAPERS	271	1.38	106.9	107.0	112.4	112.6	107.8	98.6	99.3	103.9	109.7	120.9	111.9	99.0	107.5	112.2	
PERIOD., BOOKS, CARDS	272, 3, 7	1.38	121.4	114.5	112.9	113.6	123.3	130.0	136.7	138.2	126.2	120.5	113.0	113.1	117.6	117.2	
JOB PRINTING	274-6, 8, 9	1.96	152.0	136.3	138.8	143.9	159.1	168.0	173.7	175.8	163.7	152.5	146.0	143.8	149.4	148.2	
<b>CHEMICALS AND PRODUCTS</b>	28	7.74															
CHEMICALS & SYN. MAT.	281, 2	3.79	210.8	205.2	209.0	212.6	215.9	207.0	211.5	218.1	218.7	221.7	217.1	214.9	224.9	225.6	
BASIC CHEMICALS	281	2.54	173.7	165.1	171.5	175.4	177.8	173.5	176.2	180.5	181.6	181.8	180.7	176.2	176.5	181.6	
ALKALIES & CHLORINE	2812	.14	118.0	108.3	119.5	116.3	118.9	117.9	119.0	118.6	118.9	125.4	126.9	111.6	128.6	123.4	
GASES, ETC.	2813, 5, 6	.48	184.2	188.2	186.0	188.0	189.0	177.0	179.0	191.9	192.0	187.5					
BASIC ORG. CHEM.	2818	1.18	205.9	197.9	203.3	203.6	209.5	210.7	212.3	213.4	211.8	213.6	213.4	211.0	202.3	207.5	
INORG. CHEM. NEC	2819	.75	127.7	112.2	122.3	134.2	131.8	123.2	128.6	133.2	139.5	138.7	134.1	126.4	133.6	140.5	
ACIDS & FERTILIZER MAT.	281	.55	131.5	128.9	136.7	133.1	132.9	124.6	130.9	133.6	137.4	138.2	138.0	128.6	141.4	142.9	
SULFURIC ACID, ETC.	281	.41	125.5	119.2	126.5	124.9	128.1	120.7	127.5	130.6	132.5	134.0	132.8	125.1	138.5	136.3	
FERTILIZER MATERIALS	281	.14	148.5	156.8	166.0	157.0	147.0	135.9	140.6	142.0	151.1	149.7	153.0	138.5	149.9	162.2	
ERDA NUCLEAR MATLS	281	.15	121.0	52.9	75.1	147.5	136.4	122.9	127.7	139.5	157.6	150.7	128.7	124.3	113.2	142.4	
SYNTHETIC MATERIALS	282	1.25	286.3	287.0	285.5	288.3	293.4	275.1	283.5	294.7	294.4	303.0	291.3	293.8	323.4	315.1	
PLASTICS MATERIALS	2821	.54	364.2	363.7	371.7	364.2	375.6	352.0	366.0	380.1	381.8	382.4	375.5	360.4	404.0		
SYNTHETIC RUBBER	2822	.13	127.3	127.4	134.6	127.9	121.7	118.7	125.9	129.8	128.6	132.8	132.7				
MAN-MADE FIBERS	2823, 4	.58	250.4	252.4	240.0	254.7	256.3	239.4	243.1	253.1	251.2	268.3	249.4	269.2	291.6	266.6	
CHEMICAL PRODUCTS	283-7, 9	3.95	171.6	163.4	165.5	168.4	179.3	180.0	180.2	184.3	181.6	174.0	165.5	166.1	170.3	173.2	
DRUGS AND MEDICINES	283	1.34	217.5	198.8	205.4	212.0	233.6	238.3	235.0	238.6	232.4	219.4	205.4	203.4	209.9	212.9	
SOAP AND TOILETRIES	284	1.29	155.8	151.3	148.7	148.8	156.3	158.5	158.8	170.7	168.2	159.7	153.0	155.5	158.5	158.9	
PAINTS	285	.43	112.8	112.2	115.9	122.9	130.3	118.7	126.1	116.2	113.2	109.5	93.8	101.4	113.9	119.2	
AGRICULTURAL CHEMICALS	287	.33	215.3	220.5	220.0	215.7	213.7	212.0	214.6	212.6	219.5	219.2	221.3	217.9	217.0	229.6	
<b>PETROLEUM PRODUCTS</b>	29	1.79															
PETROLEUM REFINING	291, 9	1.64	143.9	135.7	135.8	142.8	143.7	148.6	147.4	148.5	146.3	150.5	153.2	145.2	141.2	139.4	
AUTOMOTIVE GASOLINE	291	.84	145.1	137.3	134.3	142.5	144.7	151.0	148.4	148.2	144.4	153.7	160.9	149.9	141.6	135.9	
DISTILLATE FUEL OIL	291	.29	143.2	136.5	132.0	143.1	139.1	143.5	146.1	146.1	152.0	151.4	152.4	142.6	136.6	137.3	
RESIDUAL FUEL OIL	291	.05	222.1	222.1	206.5	214.6	207.3	214.6	217.2	223.3	212.7	223.0	243.7	253.8	244.7	233.2	
AVIATION FUEL & KEROS.	291	.17	99.0	85.2	105.2	103.7	97.2	97.8	94.3	106.6	97.0	98.0	96.0	101.2	103.9	108.0	
MISC. PETROLEUM PROD.	291	.28															
REFINERY FUEL NEC	291	.06															
REFINERY NONFUEL MAT.	291	.14															
REFINERY PRODUCTS NEC	291	.08															
<b>RUBBER &amp; PLASTICS PROD.</b>	30	2.24															
TIRES	301	.60	165.0	175.1	175.6	158.4	163.9	130.6	157.8	171.5	183.3	164.6	171.6	181.3	185.6	182.1	
RUB. PROD. EX. TIRES	302, 3, 6	.66	157.3	153.4	155.1	155.7	160.7	150.1	160.8	162.8	162.2	161.3	162.0	160.1	169.1	167.2	
PLASTICS PRODUCTS NEC	307	.98	377.1	366.7	368.1	376.2	384.7	362.8	388.1	393.1	397.2	402.3	385.8	376.2	411.7	415.5	
<b>LEATHER AND PRODUCTS</b>	31	.86															
PERS. LEATHER GDS.	313, 5-7, 9	.22	95.4	95.3	96.6	96.6	100.6	89.1	96.6	97.5	99.0	99.9	95.7	91.4	91.7	92.0	
SHOES	314	.53	64.1	62.6	71.8	64.2	67.7	53.9	65.2	65.5	65.5	62.0	58.5	66.7	67.9	65.6	
<b>CLAY, GLASS, &amp; ST. PROD.</b>	32	2.74															
PRESSED AND BLOWN GLASS	322	.49	155.1	157.1	160.7	160.1	163.4	155.5	158.3	159.3	159.3	155.7	139.3	154.7	161.9	164.2	
GLASS CONTAINERS	3221	.28	144.2	151.8	156.2	153.2	156.2	141.6	143.0	146.2	145.2	139.6	112.7	141.3	151.8	154.8	
CEMENT	324	.27	120.8	96.6	127.1	138.0	159.3	143.0	154.7	145.9	155.1	121.2	94.6	51.1	59.4		
STRUCTURAL CLAY PRODUCTS	325	.20	124.7	118.8	122.3	127.7	129.7	123.3	130.2	127.2	130.7	130.7	126.7	124.8	125.2	128.2	
BRICK	3251	.08	127.3	122.2	127.1	136.4	139.4	127.4	140.0	132.1	135.9	135.3	120.8	115.6	114.3	123.0	
CONCRETE, MISC. CLAY MFR.	326-9	1.51	162.7	153.6	159.8	161.6	166.8	162.3	167.9	168.6	172.4	174.0	167.9	165.8	167.0	167.2	
<b>PRIMARY METALS</b>	33	6.57															
IRON AND STEEL	331, 2	4.21															
BASIC STEEL & MILL PROD.	331	3.34	113.5	102.7	119.2	120.7	120.2	116.2	110.4	117.6	119.8	116.5	120.5	107.2	112.5	122.3	
BASIC IRON AND STEEL	331	1.34	104.8	95.4	106.1	111.6	111.7	104.4	105.6	108.1	110.2	109.8	108.1	101.9	106.5	114.6	
PIG IRON	331	.46	100.0	92.6	99.8	106.6	107.6	102.6	100.9	102.6	104.9	104.6	103.0	94.9	98.7	106.8	
RAW STEEL	331	.72	114.4	109.2	117.9	121.6	120.5	110.5	114.1	117.2	119.5	118.9	116.3	111.0	117.1	126.0	
COKE AND PRODUCTS	331	.16	74.7	41.8	71.4	80.8	82.9	81.8	80.4	82.5	82.9	83.8	85.3	81.2	81.1	84.9	
STEEL MILL PRODUCTS	331	2.01	119.4	107.5	127.9	126.8	125.9	124.1	113.6	124.0	126.2	121.0	128.8	110.7	116.5	127.4	
CONSUMER DUR. STEEL	331	.31	127.2	110.5	129.2	129.5	128.0	131.1	120.6	138.2	144.5	135.3	127.6	123.4	128.0	131.4	
EQUIPMENT STEEL	331	.51	129.2	119.6	140.0	138.9	134.2	132.0	123.3	134.4	135.6	129.5	134.9	112.9	122.4	132.6	
CONSTRUCTION STEEL	331	.41	78.1	67.3													



Table 8.

**INDUSTRIAL PRODUCTION: QUARTERLY INDEXES**

SUMMARY GROUPINGS	1977		1978				1979
	IV	I	II	III	IV	I	
TOTAL INDEX	139.3	139.6	144.0	147.0	149.7	151.3	
PRODUCTS, TOTAL	139.6	139.9	143.4	145.9	147.9	150.0	
FINAL PRODUCTS	137.0	136.7	140.7	143.1	144.7	146.5	
CONSUMER GOODS	145.3	143.8	147.2	148.4	149.8	151.0	
DURABLE CONSUMER GOODS	155.9	151.7	160.9	160.9	161.8	162.0	
AUTOMOTIVE PRODUCTS	175.1	165.4	181.4	180.9	186.6	182.1	
HOME GOODS	145.3	144.0	149.3	149.7	147.9	150.8	
NONDURABLE CONSUMER GOODS	141.0	140.7	141.7	143.3	145.1	146.6	
CLOTHING	127.1	120.6	125.0	126.9	129.1	131.4	
CONSUMER STAPLES	144.9	146.2	146.4	148.0	149.5	151.3	
CONSUMER ENERGY (HOME GOODS AND CLOTHING)	149.6	153.7	150.5	152.4	156.3	155.5	
( HOME GOODS AND CLOTHING)	136.9	133.3	138.2	139.2	139.3	141.2	
EQUIPMENT	125.7	126.9	131.8	135.8	137.7	140.3	
BUSINESS EQUIPMENT	153.4	154.7	160.4	165.0	167.6	170.7	
INDUSTRIAL EQUIPMENT	142.5	145.3	149.5	152.5	152.3	155.6	
COMMERCIAL, TRANSIT, FARM EQ.	166.0	165.7	173.1	179.4	185.2	188.2	
DEFENSE AND SPACE EQUIPMENT	79.2	80.3	83.7	86.7	87.3	89.2	
INTERMEDIATE PRODUCTS	148.9	151.5	153.1	156.3	159.7	162.8	
CONSTRUCTION SUPPLIES	146.6	148.6	150.3	154.6	158.9	161.1	
BUSINESS SUPPLIES	151.1	154.3	155.9	158.1	160.6	164.4	
COMMERCIAL ENERGY PRODUCTS	163.2	165.1	163.1	167.1	169.2	172.5	
MATERIALS	138.9	139.2	145.1	148.7	152.6	153.3	
DURABLE GOODS MATERIALS	137.7	137.9	144.0	150.4	155.2	155.1	
BASIC METAL MATERIALS	109.4	110.5	117.5	124.6	129.4	124.3	
NONDURABLE GOODS MATERIALS	155.0	158.0	163.2	163.2	166.9	169.4	
TEXTILE, PAPER AND CHEMICAL MAT	159.5	163.1	167.7	168.4	172.2	175.0	
TEXTILE MATERIALS	117.9	115.3	117.1	117.3	119.4	117.8	
PAPER MATERIALS	132.3	136.5	139.7	134.8	137.2	137.4	
CHEMICAL MATERIALS	188.9	194.9	201.4	204.4	209.5	215.3	
ENERGY MATERIALS	121.9	119.1	125.5	127.0	128.7	129.0	
MANUFACTURING	139.9	139.8	144.4	147.7	150.6	152.3	
DURABLE	132.8	132.3	137.8	142.0	145.1	146.5	
NONDURABLE	150.2	150.6	154.0	155.9	158.5	160.7	
MINING AND UTILITIES	135.1	137.8	141.4	142.4	144.5	144.3	
MINING	117.3	116.2	127.3	125.7	127.8	123.3	
UTILITIES	155.0	161.8	157.2	161.0	163.2	167.6	

Table 9.

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

	1977		1978				1979
	IV	I	II	III	IV	I	
	592.5	591.5	608.2	612.4	626.2	631.1	
	457.9	454.3	469.3	471.2	482.3	484.5	
	320.0	317.1	324.4	324.2	330.4	330.1	
	95.9	92.2	98.5	98.9	99.5	98.8	
	49.9	46.8	51.8	51.2	53.1	51.4	
	46.0	45.5	46.7	47.7	46.5	47.4	
	223.9	224.9	225.9	225.3	230.9	231.4	
	32.9	31.2	32.2	32.8	33.4	33.4	
	191.1	193.7	193.8	192.5	197.5	198.1	
	43.6	44.9	44.0	44.6	45.9	45.3	
	78.8	76.6	78.9	80.5	79.9	80.7	
	137.9	137.3	144.8	147.2	151.9	154.4	
	104.8	103.7	109.7	110.7	115.2	117.0	
	46.4	47.4	48.7	49.4	49.7	50.7	
	58.5	56.3	60.9	61.3	65.6	66.3	
	33.1	33.6	35.2	36.5	36.7	37.4	
	134.6	137.1	139.1	141.3	144.1	146.7	
	63.2	63.9	65.4	66.8	68.2	69.0	
	71.5	73.2	73.7	74.5	75.9	77.7	
	17.8	18.2	18.1	18.4	18.5	19.0	

Table 10.

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

MAJOR MARKET GROUPINGS	1972	1978												1979				
	DOLLS. IN BIL. YR.	AVG.	JAN.	FEB.	MAR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	
PRODUCTS, TOTAL	507.4	609.6	608.8	606.8	608.9	610.3	613.3	613.6	621.3	625.3	632.0	628.0	630.7	634.6	624.1			
FINAL PRODUCTS	390.9	469.3	470.7	468.2	468.9	469.6	472.2	471.8	478.8	481.6	486.6	481.8	484.3	487.6	477.9			
CONSUMER GOODS	277.5	324.0	326.3	324.0	323.0	323.4	324.7	324.4	328.1	330.8	332.3	329.0	329.9	331.5	324.6			
DURABLE CONSUMER GOODS	82.0	97.3	99.4	97.9	98.2	99.6	99.5	97.7	99.6	99.8	99.3	98.0	98.1	100.4	92.1			
AUTOMOTIVE PRODUCTS	41.1	50.7	53.1	51.3	51.0	51.8	51.7	50.2	52.8	54.0	52.5	50.9	50.5	52.7	45.1			
HOME GOODS	40.9	46.6	46.4	46.6	47.2	47.7	47.8	47.4	46.7	45.8	46.8	47.1	47.5	47.7	47.0			
NONDURABLE CONSUMER GOODS	195.5	226.7	226.9	226.2	224.7	224.0	225.1	226.7	228.6	231.0	233.1	231.1	231.8	231.1	232.5			
CLOTHING	28.5	32.4	31.9	32.4	32.3	32.4	32.8	33.3	33.3	33.3	33.6	33.6	33.2	33.2				
CONSUMER STAPLES	167.0	194.4	195.0	193.8	192.5	191.6	192.5	193.4	195.5	197.6	199.4	197.6	198.7	198.0	199.4			
CONSUMER ENERGY PROD. (HOME GOODS & CLOTHING)	39.2	44.8	43.8	44.2	43.9	44.6	44.4	45.0	45.1	46.1	46.4	45.9	45.1	45.0				
( HOME GOODS & CLOTHING)	69.4	79.0	78.3	79.0	79.4	80.2	80.6	80.7	80.0	79.2	80.4	80.7	80.7	80.0				
EQUIPMENT	113.4	145.3	144.4	144.2	146.0	146.4	147.5	147.7	150.6	150.9	154.3	152.9	154.2	156.2	153.1			
BUSINESS EQUIPMENT	80.6	109.8	109.7	108.9	110.4	110.2	111.0	111.1	114.0	114.3	117.4	115.6	116.8	118.7	115.7			
INDUSTRIAL EQUIPMENT	34.4	48.8	48.2	48.8	49.3	49.3	49.6	49.5	49.7	49.4	49.8	50.2	50.8	51.2	51.0			
COM'L, TRANSIT, FARM EQ.	46.2	61.0	61.5	60.1	61.1	60.8	61.4	61.7	64.3	64.9	67.6	65.5	66.0	67.5	64.7			
DEFENSE & SPACE EQUIP.	32.7	35.5	34.8	35.1	35.6	36.3	36.6	36.6	36.5	36.6	36.9	37.2	37.4	37.6	37.4			
INTERMEDIATE PRODUCTS	116.6	140.4	138.3	138.6	140.3	140.7	141.4	141.9	142.6	144.0	145.6	146.3	146.8	147.2	146.4			
CONSTRUCTION SUPPLIES	57.8	66.1	64.6	65.2	66.4	66.3	66.9	67.2	67.5	68.2	69.0	69.0	68.9	68.9	68.5			
BUSINESS SUPPLIES	58.8	74.3	73.8	73.4	74.0	74.4	74.5	74.7	75.2	75.8	76.6	77.2	77.8	78.1				
COMMERCIAL ENERGY PROD.	15.6	18.3	18.2	18.0	18.0	18.1	18.4	18.7	18.4	18.6	18.6	18.9	18.8	19.2				

## INDUSTRIAL ELECTRIC POWER USE

SEASONALLY ADJUSTED INDEXES, 1967 = 100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1978				1979							PER CENT CH. FROM PREV. MO. VS.	
				Q 1	Q 2	Q 3	Q 4	Q 1	OCT	NOV	DEC	JAN	FEB	MAR	(P)	(P)
TOTAL		560.4	138.4	131.9	137.7	141.7	142.3	142.6	142.0	142.7	142.3	142.3	142.6	143.0	.3	10.4
MAJOR MARKET GROUPINGS																
PRODUCTS, TOTAL		136.1	150.0	147.6	148.6	151.4	152.1	155.4	151.3	151.3	153.7	155.3	155.5	155.3	-1	5.0
FINAL PRODUCTS		101.4	148.4	145.9	146.9	149.9	150.4	153.3	149.9	149.6	151.8	153.2	153.6	153.2	-2	5.0
CONSUMER GOODS		67.4	157.2	154.5	155.8	158.9	159.0	161.6	158.4	158.3	160.3	161.8	161.8	161.2	-3	4.4
EQUIPMENT		34.0	126.0	124.2	124.6	126.4	128.6	132.3	128.3	127.5	130.0	131.4	132.7	132.9	.1	6.6
INTERMEDIATE PRODUCTS		34.7	154.8	152.7	153.3	156.2	157.0	161.5	155.8	156.1	159.0	161.5	161.6	161.3	-2	5.2
MATERIALS		424.3	134.6	126.8	134.1	138.5	139.1	138.6	138.9	139.9	138.6	138.1	138.4	139.2	.6	12.4
DURABLE		237.7	133.5	128.2	132.1	135.8	137.9	137.8	137.3	138.1	138.3	137.8	139.3	137.3	-8	6.6
NONDURABLE		133.0	136.6	133.6	136.0	137.8	138.8	140.9	137.7	138.8	139.8	141.0	141.1	140.5	-5	5.1
ENERGY, EX. ERDA		23.8	158.6	142.5	165.9	160.8	166.5	165.7	162.5	169.8	167.3	164.8	164.1	168.1	2.4	18.1
MAJOR INDUSTRY DIVISIONS																
MINING	10-14	34.7	161.8	149.8	164.1	164.5	169.1	171.6	168.0	168.9	170.3	170.7	171.5	172.5	.5	13.2
MANUFACTURING		519.2	137.2	131.4	136.0	140.4	140.8	141.4	139.9	141.3	141.1	140.9	141.6	141.9	.2	10.1
DURABLE	19, 24-25, 32-39	254.1	135.4	131.0	133.9	137.4	139.2	140.5	138.2	139.1	140.3	140.5	140.8	140.2	-4	6.9
NONDURABLE	20-23, 26-31	265.1	138.8	131.8	138.1	143.0	142.4	142.4	141.6	143.8	141.9	141.5	142.0	143.7	1.1	13.2
UTILITIES, OWN USE	491, 21	6.5	140.1	134.1												
INDUSTRY GROUPS AND SERIES																
METAL MINING	10	9.9	161.3	154.4	162.1	164.3	164.5	165.6	164.3	165.3	163.8	164.5	166.2	166.2	0.0	2.1
IRON ORE	101	5.0	174.0	159.9	173.4	181.9	181.0	182.7	181.0	182.2	179.7	181.6	182.7	183.8	.6	4.2
COPPER ORE	102	3.0	152.0	153.3	154.9	150.5	149.4	149.2	149.6	151.0	147.6	149.7	149.2	148.5	-5	-2.3
COAL	11, 21	5.9	155.4	104.8	168.3	166.5	188.3	190.6	179.6	192.6	192.6	192.6	186.2	192.9	3.6	86.5
OIL AND GAS EXTRACTION	13	11.9	171.8	171.7	171.4	172.4	171.9	173.1	172.5	169.7	173.4	171.1	173.4	174.7	.7	2.1
CRUDE OIL AND NAT. GAS	131	8.9	189.4	189.6	188.3	189.8	189.9	192.6	190.9	187.2	191.5	188.6	194.0	195.2	.7	3.4
NATURAL GAS LIQUIDS	132	2.5	122.7	123.4	123.2	122.3	122.0	119.1	123.6	121.2	121.1	118.6	118.7	120.1	1.2	-1.7
STONE AND EARTH MINERALS	14	6.9	153.3	151.0	152.2	154.1	155.9	158.9	155.2	155.4	157.0	159.1	158.8	158.9	.1	5.8
CRUSHED STONE	142	1.5	156.7	151.5	154.9	157.6	152.0	167.1	161.0	159.0	166.1	165.6	168.9	166.7	-1.3	9.3
SAND AND GRAVEL	144	1.1	138.9	139.5	137.0	139.5	139.6	145.2	138.2	138.6	142.1	145.2	143.6	146.6	2.1	4.9
CHEMICAL MINERALS	147	3.4	156.7	154.4	156.9	157.4	158.4	159.5	157.5	158.4	159.3	158.9	159.5	159.9	.3	5.0
DRYDANCE	19	4.1	103.8	104.2	102.4	105.0	103.8	107.3	102.2	103.4	105.9	106.3	107.2	108.3	1.0	5.8
FOODS	20	26.8	151.7	148.7	151.5	152.9	153.6	155.9	153.8	152.3	154.7	155.9	155.0	156.6	1.0	3.8
MEAT PRODUCTS	201	4.2	165.7	163.9	165.7	166.7	166.5	168.5	166.3	165.5	167.6	168.0	169.1	168.4	-4	1.8
DAIRY PRODUCTS	202	4.1	132.5	132.4	131.9	131.7	134.1	133.8	134.5	131.6	136.3	135.7	132.4	133.3	.6	-1
CANNED AND FROZEN FOODS	203	3.2	177.6	177.8	176.7	176.9	179.3	182.9	175.5	178.9	183.5	181.4	182.7	184.5	1.0	3.2
GRAIN MILL PRODUCTS	204	4.8	144.2	142.9	145.0	144.6	144.4	145.6	146.1	142.5	144.6	145.4	144.5	146.9	1.7	.4
BAKERY PRODUCTS	205	1.8	133.0	131.8	132.2	134.0	134.1	135.8	134.5	132.1	135.7	135.6	136.3	135.4	-7	2.6
SUGAR	206	1.2	210.0	184.0	226.0	242.2	210.3	215.7	218.2	204.4	208.3	208.3	213.1	225.6	5.9	13.1
CONFECTIONERY	207	1.0	132.6	138.6	129.4	129.2	134.6	142.4	132.6	134.5	136.7	147.1	144.0	136.2	-5.4	.8
BEVERAGES	208	2.4	180.0	173.3	179.1	183.0	183.7	189.0	183.7	183.5	183.8	185.2	192.3	189.5	-11.5	8.3
MISC. FOOD PRODUCTS	209	4.1	133.8	128.3	133.5	137.1	135.9	136.6	136.7	134.5	136.4	135.6	135.1	139.1	2.9	6.2
TOBACCO PRODUCTS	21	.9	131.6	131.8	136.0	130.4	128.8	131.2	128.6	128.1	129.8	133.0	131.3	129.3	-1.5	-1.8
TEXTILE MILL PRODUCTS	22	20.8	120.9	117.9	120.5	122.4	122.4	124.8	122.4	120.9	124.0	124.7	124.4	125.2	.7	5.0
FABRICS	221-41	11.7	100.6	97.7	100.2	102.4	102.1	103.6	102.3	100.4	103.8	103.1	103.5	104.3	.8	4.8
KNIT GOODS	225	1.7	164.8	164.5	165.3	165.3	164.1	164.4	165.6	162.5	164.1	165.1	163.6	164.6	.6	.5
FABRIC FINISHING	226	1.5	146.3	139.8	145.6	149.1	150.8	150.6	151.5	151.7	149.2	150.1	150.7	150.9	.1	5.7
YARN AND THREAD	228	3.9	158.0	152.4	159.4	160.4	159.2	163.0	159.8	157.3	160.5	162.1	162.1	164.8	1.7	5.8
MISC. TEXTILES	229	1.4	152.6	153.3	149.6	151.2	156.8	157.4	154.9	157.8	157.7	157.1	156.1	158.9	1.8	3.4
APPAREL PRODUCTS	23	3.6	165.0	165.0	162.0	167.4	165.5	171.4	163.7	162.7	170.2	170.8	173.4	170.1	-1.9	4.8
MEN'S OUTERWEAR	231, 21	1.0	147.1	148.1	145.0	149.2	146.2	152.4	144.4	145.4	148.6	152.1	153.4	151.8	-1.0	4.6
WOMEN'S OUTERWEAR	233	1.0	210.8	213.2	205.7	214.7	208.6	216.0	207.0	203.0	215.7	216.4	216.6	214.8	-8	2.9
LUMBER AND PRODUCTS	24	8.0	188.5	183.7	186.9	191.0	192.8	194.2	191.1	190.9	196.3	194.1	194.1	194.5	.2	4.0
LUMBER	242	3.9	176.7	173.1	174.0	179.0	180.9	182.6	177.5	179.6	185.7	182.6	183.3	182.1	-6	4.8
MILLWORK AND PLYWOOD	243	2.2	186.0	179.4	183.7	189.2	192.3	194.7	192.6	189.5	194.9	194.5	195.6	193.9	-9	7.0
FURNITURE AND FIXTURES	25	2.5	159.5	156.4	156.7	163.5	161.8	165.6	163.6	159.0	162.7	164.1	167.0	165.8	-7	6.5
HOME FURNITURE	251	1.7	182.8	180.9	180.8	186.7	182.8	187.7	184.5	181.7	182.3	185.3	189.6	188.3	-7	4.9
PAPER AND PRODUCTS	26	49.1	124.2	123.5	124.4	124.6	124.5	124.5	123.9	124.7	124.8	124.3	125.3	124.0	-1.0	1.0
WOOD PULP	261	3.5	123.2	124.4	125.7	121.6	121.1	120.1	118.1	122.3	122.9	119.6	121.1	119.7	-1.1	-4.0
PAPER	262	24.5	119.0	119.3	119.0	119.2	118.6	118.7	118.4	119.5	118.0	118.5	119.3	118.4	-7	1.0
PAPERBOARD	263	14.8	142.3	139.0	141.6	142.4	146.4	140.8	146.3	147.4	145.5	141.2	141.6	139.5	-1.5	1.0
CONVERTED PAPER	264	2.5	138.2	135.9	136.7	139.6	140.5	143.2	139.8	140.7	141.0	143.1	143.0	143.5	.4	4.8
PAPERBOARD CONTAINERS	265	2.3	146.2	143.6	145.7	147.6	148.1	149.5	146.7	147.2	150.5	150.5	151.5	146.5	-3.3	3.7
BUILDING PAPER AND BOARD	266	1.4	155.6	154.4	156.7	156.5	155.2	157.3	154.0	152.6	158.9	156.9	158.0	157.0	-6	.1
PRINTING AND PUBLISHING	27	5.8	151.6	152.3	150.7	151.3	152.3	160.5	150.0	151.7	155.3	160.5	161.6	159.6	-1.2	5.4
NEWSPAPERS	271	1.7	137.3	140.0	139.5	135.7	134.5	142.6	132.1	132.9	138.4	141.6	144.3	141.9	-1.7	2.9
COMMERCIAL PRINTING	275	2.4	160.8	160.6	159.5	160.4	162.9	174.3	160.2	161.8	166.7	174.7	175.5	172.7	-1.6	8.2

P--PRELIMINARY



INDUSTRIAL ELECTRIC POWER USE

SEASONALLY ADJUSTED INDEXES, 1957 = 100

Table with columns: SERIES, SIC (1967), BIL. KWH. 1967, 1978 AVG., 1978 Q 1 Q 2 Q 3 Q 4 Q 1, 1979 OCT NOV DEC JAN FEB MAR, PER CENT CH. FROM PREV. MO., CH. YR. Includes categories like CHEMICALS AND PRODUCTS, PETROLEUM PRODUCTS, METALS, ELECTRICAL MACHINERY, and SUPPLEMENTARY GROUPINGS.

P--PRELIMINARY

NOTE: TOTALS EXCLUDE INDUSTRIAL GENERATION POWER SALES TO ELECTRIC UTILITIES. ERDA (PART OF SIC 2819) IS THE ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION. ERDA USE DATA ARE INCLUDED IN TOTAL MATERIALS, ALTHOUGH EXCLUDED FROM THE ENERGY COMPONENT. ALL INDEXES ARE COMPILED FROM SAMPLE REPORTS TO THE FEDERAL RESERVE SYSTEM AND THE 2-DIGIT GROUP TOTALS INCLUDE SOME DATA NOT ALLOCATED AT 3-DIGITS. THE 1967 DATA ARE FROM COMPREHENSIVE CENSUS, EET, AND EPC SOURCES AND ARE PROVIDED FOR REFERENCE. THEY ARE NOT USED AS WEIGHTS TO COMBINE SERIES. THE AGGREGATE INDEXES ARE KWH TOTALS CONVERTED TO A 1967 COMPARISON BASE. ADDITIONAL INFORMATION IS PROVIDED IN THE JAN. 1976 BULLETIN. DATA AND PER CENT CHANGES ARE ROUNDED INDEPENDENTLY.



INDUSTRIAL ELECTRIC POWER USE

NOT SEASONALLY ADJUSTED INDEXES, 1967 = 100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1978				1979	1978			1979			PER CENT CH. FROM PREV. MO. YR.	
				Q 1	Q 2	Q 3	Q 4	Q 1	OCT	NOV	DEC	JAN	FEB	MAR	(P)	(P)
<b>CHEMICALS AND PRODUCTS</b>	28	116.8	135.1	121.9	134.6	139.7	144.1	138.0	147.2	145.6	139.6	138.3	132.5	143.2	8.1	24.8
BASIC CHEMICALS	2811	96.4	123.6	109.5	122.9	127.6	134.3	126.6	137.4	136.0	129.6	127.0	120.0	132.9	10.8	33.2
ALKALIES AND CHLORINE	2812	12.3	149.0	143.8	148.3	150.1	153.8	146.0	149.9	155.3	156.1	145.2	142.9	149.9	4.9	.5
BASIC ORGANIC CHEM. NEC	2818	24.8	142.5	134.4	142.5	146.5	146.5	141.7	145.9	146.9	146.6	144.7	138.5	141.9	2.4	3.1
<b>INORGANIC CHEM. NEC</b>	2819	48.6	114.5	94.2	113.6	119.4	130.8	119.0	137.5	133.6	121.4	118.2	109.4	129.4	18.2	75.5
ACID AND FERT. MAT'L.S.	2819	18.8	108.0	105.5	107.8	106.8	112.0	110.5	110.9	111.4	113.8	112.5	105.7	113.3	7.2	4.8
ERDA	2819	29.8	118.6	87.0	117.3	127.4	142.8	124.4	154.5	147.7	126.2	121.9	111.7	139.6	24.9	169.2
<b>SYNTHETIC MATERIALS</b>	2821	12.1	192.6	181.8	192.0	201.0	195.7	196.9	199.0	197.4	190.8	198.2	195.4	197.2	.9	7.8
PLASTICS MATERIALS	2821	4.4	187.3	172.1	184.5	197.3	195.3	194.9	198.9	194.7	192.3	195.4	193.0	196.4	1.8	13.3
OTHER SYNTHETICS	2822-4	7.7	195.5	187.0	196.1	203.0	196.0	198.0	199.1	198.8	190.0	199.6	196.7	197.6	.4	5.1
DRUGS	283	2.0	186.8	169.6	186.6	203.7	187.4	178.1	199.0	187.7	175.6	173.7	179.0	181.5	1.4	6.0
SOAP AND TOILETRIES	284	1.0	145.5	139.8	141.7	152.0	148.4	146.5	154.0	148.8	142.4	144.6	147.3	147.5	.2	3.9
FARM CHEMICALS	287	2.7	154.5	152.4	155.9	152.6	157.3	158.0	157.0	156.7	158.1	155.5	154.8	163.7	5.7	3.2
<b>PETROLEUM PRODUCTS</b>	29	22.3	174.6	167.7	171.4	180.7	178.4	172.3	178.0	179.8	177.6	176.4	172.6	167.9	-2.7	2.0
<b>RUBBER AND PLASTICS PRD.</b>	30	10.8	180.4	173.5	179.9	182.2	186.1	186.0	190.8	187.3	180.3	176.5	190.0	191.6	.9	8.5
TIRES	3011	3.2	140.3	138.6	141.8	140.5	140.4	137.5	148.4	139.7	133.1	134.5	136.7	141.2	3.3	-5
RUBBER PRODUCTS NEC	306	2.3	130.1	126.0	129.6	132.4	132.2	137.0	134.9	132.0	129.8	129.5	142.7	138.7	-2.8	10.6
PLASTICS PRODUCTS NEC	307	4.8	230.4	218.0	228.7	233.3	241.8	241.0	244.4	245.2	235.9	225.8	247.4	249.8	1.0	11.8
<b>LEATHER AND PRODUCTS</b>	31	1.3	122.6	121.2	123.9	125.1	120.0	121.1	123.9	118.9	117.4	115.3	124.5	123.4	-9	.5
SHOES	314	.6	104.4	103.4	105.9	107.8	99.5	99.9	103.6	98.8	96.2	94.8	102.6	102.3	-4	-2.5
<b>CLAY, GLASS, STONE PRODUCTS</b>	32	20.8	153.2	139.9	153.6	158.9	160.2	150.6	161.8	161.7	156.9	152.2	147.4	152.1	3.2	6.4
FLAT GLASS	321	1.2	128.7	123.1	127.4	132.1	132.0	128.4	137.2	131.6	127.1	129.1	127.2	128.9	1.4	4.6
PRESSED AND BLOWN GLASS	322	3.5	205.4	195.9	205.4	211.7	208.8	205.6	212.2	209.3	204.7	202.6	207.0	207.2	.1	3.4
CEMENT	324	8.4	122.7	103.1	124.6	130.8	132.5	112.5	134.6	134.2	128.7	120.3	102.5	114.6	11.8	7.5
STRUCTURAL CLAY PRODUCTS	325	1.3	115.8	113.5	114.6	115.1	120.3	122.8	118.9	119.8	122.1	122.4	123.2	122.8	-3	10.4
CONCRETE PRODUCTS	327	2.3	199.5	182.5	201.1	204.2	210.1	202.9	212.6	213.3	204.3	204.4	202.1	202.4	.2	8.5
<b>PRIMARY METALS</b>	33	132.0	126.8	122.6	128.2	126.0	130.6	131.4	131.4	130.0	130.4	131.9	128.0	134.3	5.0	6.6
BASIC STEEL & MILL PROD.	331	54.4	117.0	111.6	119.5	116.1	120.7	121.8	122.3	120.7	119.0	122.0	118.3	125.0	5.7	10.0
IRON & STEEL FOUNDRIES	332	5.9	207.5	202.3	212.7	198.9	216.3	222.5	220.1	217.4	211.3	207.3	231.0	229.3	-8	10.5
<b>PRIMARY NONFERROUS METALS</b>	333	59.5	124.1	120.3	123.8	124.6	127.5	127.3	127.9	125.6	129.1	130.3	121.9	129.7	6.4	4.0
ALUMINUM	3334	53.6	121.3	116.6	121.2	123.0	124.6	124.1	125.0	122.4	126.3	127.2	118.6	126.6	6.7	4.1
NONFERROUS MILL PRODUCTS	335	8.4	116.2	113.5	117.8	115.3	118.0	117.9	119.4	118.2	116.5	116.6	115.7	121.6	5.1	2.1
NONFERROUS FOUNDRIES	336	1.4	163.0	155.0	163.8	162.4	170.7	176.4	170.5	174.2	167.5	169.4	181.3	178.3	-1.7	14.3
<b>FABRICATED METAL PRODUCTS</b>	34	14.8	159.7	154.7	158.4	161.5	164.3	169.3	166.7	165.2	161.1	161.5	174.1	172.4	-1.0	9.7
METAL CANS	341	1.0	215.8	206.3	215.3	228.9	212.8	212.6	222.1	212.9	203.5	210.1	213.8	213.8	0.0	1.5
HARDWARE	342	1.6	156.2	152.8	156.0	155.9	160.1	161.3	163.3	161.0	156.0	154.5	165.8	163.7	-1.3	5.7
STRUCTURAL METAL PROD.	344	3.5	137.3	135.2	135.7	137.5	140.9	149.4	140.1	141.0	141.7	143.3	154.2	150.8	-2.2	10.4
FASTENERS	345	1.2	147.0	138.2	144.9	151.1	153.7	157.8	156.4	155.3	149.5	148.0	164.4	161.1	-2.0	13.4
METAL STAMPINGS	346	3.1	157.6	152.6	159.0	157.3	161.6	161.9	167.1	163.4	154.5	152.8	166.1	166.9	.5	8.5
<b>NONELECTRICAL MACHINERY</b>	35	17.3	151.1	146.4	150.0	155.0	152.8	154.2	156.8	154.1	147.5	148.2	157.6	156.9	-4	5.7
ENGINES AND TURBINES	351	1.4	151.4	151.1	148.2	152.9	153.6	149.5	157.4	155.8	147.5	144.3	150.8	153.5	1.8	-6
FARM EQUIPMENT	352	1.2	131.9	128.7	133.4	130.3	135.2	139.3	140.8	135.3	129.5	128.8	144.7	144.5	-2	7.8
CONSTRUCTION EQUIPMENT	353	3.0	162.1	159.8	160.7	161.8	166.3	171.5	166.5	169.4	163.1	161.6	178.2	174.8	-1.9	7.6
<b>METALWORKING MACHINERY</b>	354	2.8	121.8	118.5	120.7	124.1	123.9	128.9	127.9	123.4	120.4	123.1	131.6	132.0	.3	11.3
SPECIAL INDUSTRY MACH.	355	1.5	146.2	145.0	146.6	147.4	145.7	151.3	147.3	146.9	142.8	148.1	153.4	152.4	-7	3.7
GENERAL INDUSTRIAL MACH.	356	2.7	143.4	141.8	144.6	144.7	142.8	144.5	146.3	144.5	137.7	138.7	148.7	146.1	-1.7	1.7
OFFICE AND COMPUTING MACH.	357	1.4	193.2	179.6	190.1	208.9	194.4	185.7	204.0	196.4	182.7	184.1	186.7	186.3	-2	3.7
SERVICE INDUSTRY MACH.	358	1.2	158.5	152.3	160.3	166.4	155.0	154.1	164.0	155.1	145.8	146.5	158.1	157.7	-3	2.9
<b>ELECTRICAL MACHINERY</b>	36	19.2	133.2	125.6	132.2	138.7	136.2	135.9	141.6	136.7	130.5	132.6	136.9	138.1	.9	8.7
ELECT. DISTRIBUTION EQ.	361	1.8	122.8	117.3	120.7	128.4	124.7	126.5	131.9	123.1	119.1	123.2	127.1	129.1	1.6	8.6
ELECT. INDUST. APPARATUS	362	3.5	118.2	111.9	117.3	120.7	122.7	123.3	126.1	121.8	120.1	122.0	122.9	125.0	1.8	11.0
HOME APPLIANCES	363	2.2	113.1	108.6	115.4	116.2	112.1	114.7	119.3	112.8	104.3	109.5	115.9	118.7	2.4	7.6
<b>LIGHTING &amp; WIRING PROD.</b>	364	1.5	152.1	151.1	155.7	150.2	151.5	154.0	157.4	152.5	144.6	145.3	159.4	157.4	-1.2	2.2
RADIO AND TV SETS	365	.8	113.6	103.9	112.2	124.8	113.5	111.5	119.4	115.2	106.0	110.6	113.0	111.1	-1.7	6.6
COMMUNICATION EQUIP.	366	3.9	143.7	131.7	140.5	153.6	149.2	141.0	157.3	150.6	139.7	139.4	140.4	143.1	1.9	6.9
ELECTRONIC COMPONENTS	367	4.2	143.0	132.5	141.2	152.3	146.1	146.2	150.8	146.7	140.7	144.7	146.4	147.5	.7	10.2
<b>TRANSPORTATION EQUIPMENT</b>	37	23.6	133.8	127.3	132.4	136.0	139.5	137.7	142.9	141.4	134.3	132.4	140.4	140.2	-2	8.3
MOTOR VEHICLES AND PARTS	371	12.8	152.0	144.7	150.9	153.3	159.4	156.4	162.9	162.0	153.3	150.1	159.5	159.5	0.0	8.6
AIRCRAFT AND PARTS	372	8.4	87.9	82.8	86.6	91.6	90.5	89.0	93.6	91.2	86.5	86.6	90.1	90.4	.3	6.4
SHIPS AND BOATS	373	1.3	134.2	132.1	131.2	135.0	138.5	142.8	139.2	139.8	136.5	141.4	145.2	141.8	-2.4	5.3
<b>INSTRUMENTS</b>	38	3.1	158.6	145.0	157.9	172.4	159.3	153.2	167.5	158.0	152.4	151.9	151.8	155.9	2.7	5.8
PHOTOGRAPHIC EQUIPMENT	386	1.4	154.4	139.3	156.3	164.3	157.7	149.0	164.5	157.1	151.6	151.4	142.8	152.9	7.1	7.8
<b>MISC. MANUFACTURES</b>	39	2.5	154.5	149.1	152.5	160.6	155.8	153.9	161.8	155.8	149.7	146.6	157.8	157.3	-4	4.2
<b>SUPPLEMENTARY GROUPINGS</b>																
TOTAL, EXCLUDING ERDA		530.6	139.8	133.5	140.2	141.9	143.6	142.3	145.3	144.0	141.6	142.0	140.8	144.0	2.3	

## 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.