

FEDERAL RESERVE



Industrial Production

For release at 9:30 a.m. (EST)
November 15, 1979

G.12.3

Industrial production edged up 0.1 percent in October, reflecting small increases in the output of consumer goods and of materials and a strike-related decline in production of business equipment. In September, total output increased 0.5 percent. At 152.5 percent of the 1967 average, the October index is near the level reached early in the year.

Products. In October, output of consumer goods rose 0.3 percent. Auto assemblies were about unchanged at a seasonally adjusted annual rate of 7.9 million units--11 percent below the average of the first half of the year. Production of business equipment declined 1.3 percent in October, mainly reflecting strikes in the farm and construction machinery industries; output increased at most other equipment producers. Production of intermediate goods, which includes construction and business supplies, edged up only a little in September and has been essentially unchanged since March.

Materials. Output of materials increased 0.3 percent in October. Among durable goods materials the production of basic metals declined slightly further in October while output of most other durable goods materials industries increased somewhat. A general weakening in the output of consumer durable parts since the beginning of 1979 has been mostly offset by continued strength in equipment parts. Output of nondurable goods materials--primarily textiles, paper, and chemicals--increased 0.2 percent further in October continuing the strength shown over the past year. Output of energy materials increased 0.8 percent, reflecting an increase in coal production following a dip in September.

INDUSTRIAL PRODUCTION: SUMMARY (Seasonally Adjusted)

Indexes, 1967=100	1979		Per cent changes						
	Sep.	Oct.	May	June	July	Aug.	Sep.	Oct.	Oct.
	(p)	(e)	From preceding month						Oct. 78
Total	152.3	152.5	1.1	.1	.1	-.8	.5	.1	1.9
Products, total	149.7	149.7	1.3	-.1	-.3	-.7	.7	.0	1.5
Final Products	146.9	146.8	1.7	-.1	-.3	-1.1	1.0	-.1	1.2
Consumer Goods	149.8	150.3	1.9	-.1	-.7	-1.7	1.0	.3	-.6
Durable	152.3	152.8	5.9	-1.2	-.9	-6.0	3.1	.3	-6.0
Nondurable	148.8	149.3	.5	.3	-.6	.3	.1	.3	1.8
Business Equipment	172.8	170.6	1.6	.1	-.1	-.2	1.0	-1.3	3.5
Intermediate Products	160.3	160.5	-.1	.0	-.1	.6	.0	.1	2.6
Construction Supplies	156.5	156.5	.3	-.1	.1	.3	-.2	.0	1.3
Materials	156.4	156.8	.8	.5	.7	-.8	.1	.3	2.3

p--preliminary e--estimate



FEDERAL RESERVE

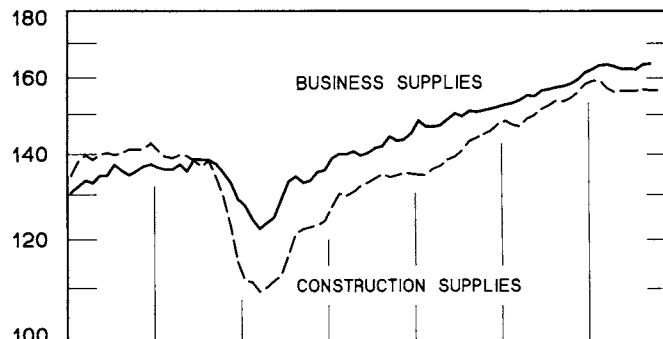
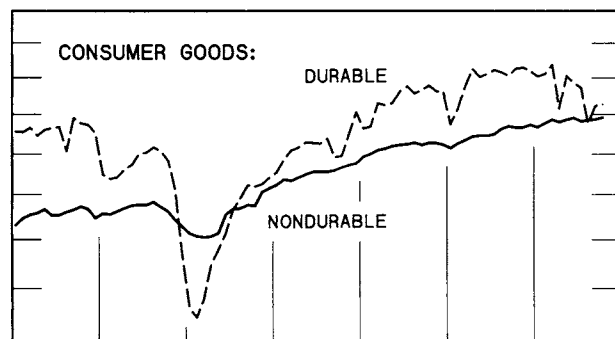
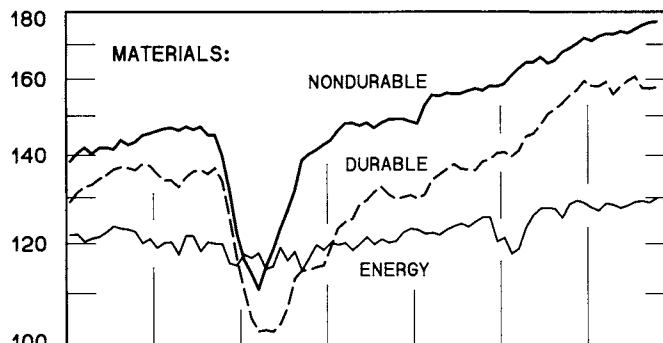
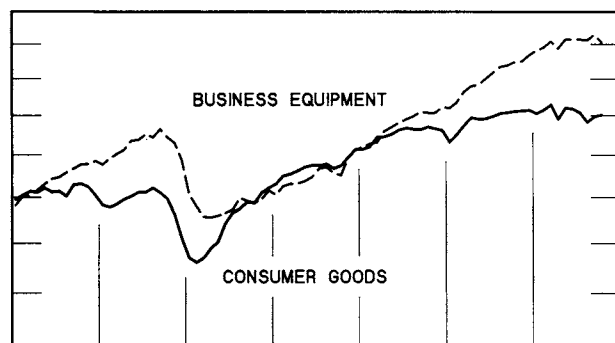
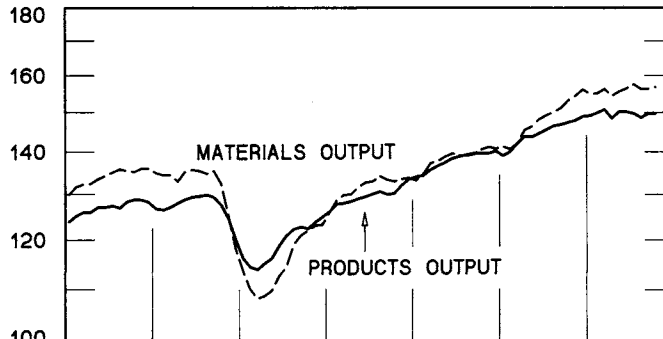
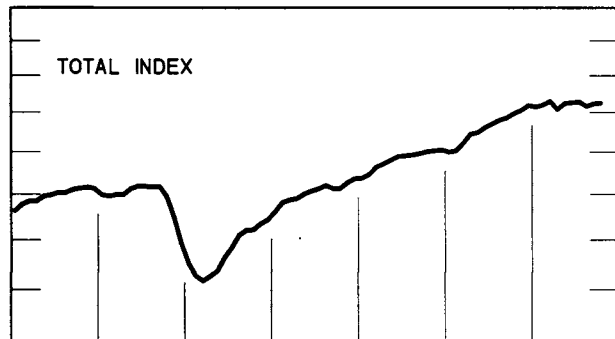
statistical release

G-12.3

INDUSTRIAL PRODUCTION

OCTOBER DATA

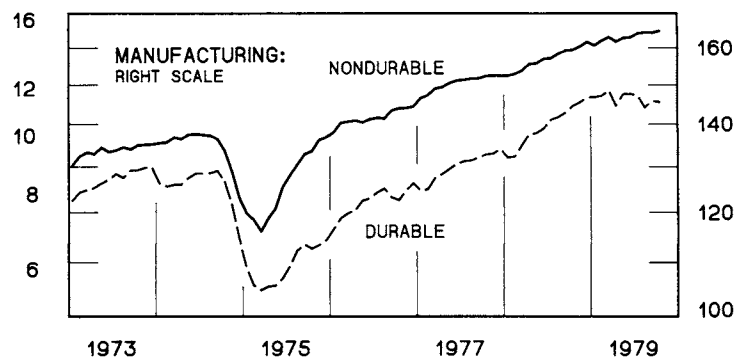
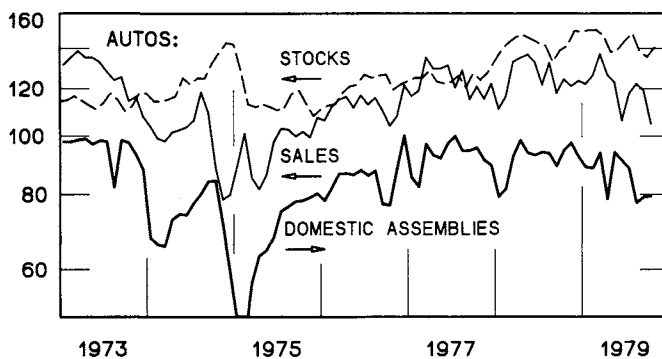
SEASONALLY ADJUSTED, RATIO SCALE, 1967=100



1969-70=100

ANNUAL RATE, MILLIONS OF UNITS

1967=100



AUTOS: SALES AND STOCKS INCLUDE IMPORTS

Table 1—A
INDUSTRIAL PRODUCTION: MARKET GROUPINGS

Seasonally Adjusted, 1967=100

MAJOR MARKET GROUPINGS	1967 PRO- POR- TION	1978 AVG.	1978			1979									
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.
TOTAL INDEX	100.00	146.1	149.7	150.6	151.8	151.5	152.0	153.0	150.8	152.4	152.6	152.8	151.6	152.3	152.5
PRODUCTS, TOTAL	60.71	144.8	147.5	148.0	149.0	149.2	149.9	150.8	148.4	150.3	150.2	149.7	148.7	149.7	149.7
FINAL PRODUCTS	47.82	142.2	145.1	145.3	146.1	146.1	146.8	148.2	145.4	147.8	147.6	147.1	145.5	146.9	146.8
CONSUMER GOODS	27.68	149.1	151.2	151.3	151.5	150.6	151.5	152.9	149.1	152.0	151.8	150.8	148.3	149.8	150.3
EQUIPMENT	20.14	132.8	136.6	137.1	138.6	139.9	140.4	141.7	140.4	141.9	141.9	142.1	141.6	142.9	142.0
INTERMEDIATE PRODUCTS	12.89	154.1	156.4	157.8	159.9	160.8	161.4	160.4	159.7	159.5	159.5	159.4	160.3	160.3	160.5
MATERIALS	39.29	148.3	153.2	154.5	156.2	155.0	155.2	156.3	154.5	155.7	156.5	157.6	156.3	156.4	156.8
CONSUMER GOODS															
DURABLE CONSUMER GOODS	7.89	159.2	162.6	162.9	161.8	160.4	161.1	163.6	151.6	160.5	158.6	157.2	147.7	152.3	152.8
AUTOMOTIVE PRODUCTS	2.83	179.9	187.6	190.2	186.9	181.4	179.3	186.8	163.0	182.7	175.9	170.3	147.6	158.3	159.8
AUTOS & UTILITY VEHICLES	2.03	172.5	181.0	185.0	179.2	173.2	170.3	178.8	147.4	176.3	167.4	155.6	125.1	139.8	141.9
AUTOS, TOTAL	1.90	148.6	154.7	159.7	151.9	145.8	144.9	153.8	128.6	153.1	148.0	141.8	118.5	128.0	129.0
AUTO PARTS & ALLIED GOODS	.80	198.5	204.3	203.2	206.5	202.2	202.2	207.2	199.0	197.5	197.5	207.8	204.8	205.2	205.3
HOME GOODS	5.06	147.7	148.6	147.6	147.7	148.6	150.9	150.6	145.2	148.1	148.8	149.8	147.7	148.9	148.8
APPLIANCES, AIR COND & TV	1.40	133.3	132.3	129.1	129.8	124.0	129.8	128.4	115.6	128.4	129.3	129.7	121.2	128.7	128.7
APPLIANCES AND TV	1.33	135.4	132.9	130.1	130.6	124.8	131.4	130.3	116.5	130.2	131.2	131.6	124.1	131.4	
CARPETING AND FURNITURE	1.07	164.2	165.3	164.2	164.3	170.7	171.8	173.5	170.7	170.2	170.6	171.9	171.7	171.0	
MISC. HOME GOODS	2.59	148.6	150.5	150.7	150.6	152.8	153.7	153.2	150.8	149.6	150.5	151.6	152.2	150.8	151.2
NONDURABLE CONSUMER GOODS	19.79	145.1	146.6	146.7	147.3	146.7	147.7	148.6	148.0	148.7	149.1	148.2	148.6	148.8	149.3
CLOTHING	4.29	131.1	132.6	132.4	132.2	130.1	130.7	130.9	127.7	128.6	130.7	126.9	128.0		
CONSUMER STAPLES	15.50	148.9	150.5	150.6	151.5	151.3	152.4	153.6	153.7	154.2	154.2	154.1	154.3	154.2	154.6
CONSUMER FOODS & TOBACCO	8.33	140.6	141.4	141.7	143.2	141.8	142.4	145.1	145.2	145.7	146.2	147.0	145.5	145.0	
NONFOOD STAPLES	7.17	158.5	161.1	161.0	161.2	162.4	164.0	163.4	163.5	164.1	163.5	162.4	164.6	164.8	165.1
CONSUMER CHEMICAL PROD.	2.63	192.7	198.3	195.9	196.5	200.3	203.1	202.8	201.6	205.2	205.9	206.1	209.2	209.2	
CONSUMER PAPER PRODUCTS	1.92	118.4	118.0	119.0	118.0	119.2	122.7	121.4	120.9	121.3	121.1	119.9	121.2	121.2	
CONSUMER ENERGY PROD.	2.62	153.6	155.3	156.8	157.6	156.0	155.2	154.7	156.4	154.3	152.0	149.8	151.6	152.3	
RESIDENTIAL UTILITIES	1.45	162.1	163.0	162.7	162.5	166.2	167.7	167.9	169.1	167.8	162.3	158.5			
EQUIPMENT															
BUSINESS EQUIPMENT	12.63	160.3	164.8	165.0	166.8	168.1	169.0	170.8	168.7	171.4	171.5	171.4	171.1	172.8	170.6
INDUSTRIAL EQUIPMENT	6.77	145.8	148.1	147.6	148.4	151.4	152.5	152.8	150.4	151.8	152.0	151.3	151.7	152.6	150.7
BUILDING AND MINING EQUIP.	1.44	207.3	208.8	207.8	206.3	208.8	207.9	205.2	204.2	203.7	205.3	207.4	210.6	211.2	199.9
MANUFACTURING EQUIPMENT	3.85	121.2	123.4	123.3	124.5	127.4	129.1	130.3	128.0	130.1	130.1	130.3	131.2	130.3	130.7
POWER EQUIPMENT	1.47	149.4	153.0	152.1	154.2	157.8	159.1	160.2	156.0	157.7	156.8	151.0	147.7	153.5	154.9
COMM'L. TRANSIT, FARM EQ	5.86	177.2	184.1	185.0	188.0	187.4	188.1	191.6	189.9	193.9	194.0	194.6	193.6	196.1	193.5
COMMERCIAL EQUIPMENT	3.26	212.0	218.2	217.8	218.7	220.8	221.2	224.4	223.0	224.9	226.4	227.0	229.5	231.1	232.1
TRANSIT EQUIPMENT	1.93	133.8	143.3	145.7	151.0	146.8	146.6	150.5	148.8	156.7	155.3	155.2	148.7	154.5	154.9
FARM EQUIPMENT	.67	132.8	135.5	138.5	144.6	142.0	146.9	150.0	147.7	150.8	148.1	151.0	148.3	145.9	
DEFENSE AND SPACE EQUIPMENT	7.51	86.5	89.3	90.3	91.4	92.4	92.4	92.9	92.9	92.5	92.3	92.8	92.0	92.8	94.0
INTERMEDIATE PRODUCTS															
CONSTRUCTION SUPPLIES	6.42	151.7	154.5	156.1	158.3	159.1	159.3	157.1	156.0	156.4	156.3	156.4	156.8	156.5	156.5
BUSINESS SUPPLIES	6.47	156.5	158.4	159.6	161.5	162.5	163.6	163.8	163.2	162.5	162.6	162.4	163.8	164.0	
COMMERCIAL ENERGY PRODUCTS	1.14	168.2	170.0	171.3	173.0	173.6	173.7	173.5	174.6	172.6	169.4	167.8	168.2	166.7	
MATERIALS															
DURABLE GOODS MATERIALS	20.35	149.0	155.5	157.0	159.5	158.1	158.0	159.2	155.7	157.9	159.5	160.7	157.5	157.4	157.7
DURABLE CONSUMER PARTS	4.58	140.8	147.0	147.2	148.6	148.5	146.0	145.8	136.9	142.5	141.8	138.5	129.3	131.8	132.1
EQUIPMENT PARTS	5.44	166.5	172.9	176.7	179.2	182.2	184.4	186.8	187.0	188.0	191.0	192.1	190.1	190.7	191.5
DURABLE MATERIALS NEC	10.34	143.3	150.1	151.0	154.0	149.7	149.4	150.6	147.7	149.0	150.8	154.0	152.8	151.1	151.3
BASIC METAL MATERIALS	5.57	121.2	129.3	130.2	132.0	124.4	124.1	126.7	123.2	122.9	126.1	130.5	128.1	125.4	
NONDURABLE GOODS MATERIALS	10.47	165.6	168.8	170.2	171.9	171.0	172.4	173.1	173.0	173.8	173.4	174.6	175.8	176.6	176.9
TEXTILE, PAPER, & CHEM MAT	7.62	171.8	175.3	177.1	178.9	177.5	179.6	180.1	180.7	181.5	181.7	182.8	184.4	185.6	186.1
TEXTILE MATERIALS	1.85	116.9	119.7	118.8	120.1	118.3	117.4	119.0	117.0	118.8	122.9	122.2	120.9	122.0	
PAPER MATERIALS	1.62	137.0	137.3	137.9	139.1	133.3	137.4	139.9	140.8	140.1	141.1	146.2	146.7	147.8	
CHEMICAL MATERIALS	4.15	210.0	214.9	218.4	220.8	221.2	223.9	223.0	224.7	225.7	223.9	224.1	227.5	228.7	
CONTAINERS, NONDURABLE	1.70	159.8	163.9	163.1	164.8	167.8	165.8	167.3	162.0	163.3	159.2	163.1	162.9	163.2	
NONDURABLE MATERIALS NEC	1.14	132.7	133.2	135.2	135.7	132.5	134.1	135.6	138.2	138.4	139.0	137.5	137.6	137.0	
ENERGY MATERIALS	8.48	125.3	128.6	129.3	128.8	127.8	127.1	128.7	128.4	127.7	128.3	129.1	129.3	128.9	129.9
PRIMARY ENERGY	4.65	112.6	116.7	117.0	116.1	111.9	110.6	114.6	113.0	111.7	112.4	112.8	114.0	113.5	
CONVERTED FUEL MATERIALS	3.82	140.8	143.0	144.4	144.4	147.0	147.2	145.9	147.1	147.2	147.6	148.8	147.8	147.7	
SUPPLEMENTARY GROUPS															
HOME GOODS AND CLOTHING	9.35	140.0	141.2	140.6	140.6	140.1	141.6	141.6	137.2	139.1	140.5	139.3	138.7	139.9	140.2
ENERGY, TOTAL	12.23	135.4	138.2	139.1	139.1	138.1	137.5	138.4	137.2	137.6	137.2	137.1	137.7	137.4	138.3
PRODUCTS	3.76	158.0	159.8	161.2	162.2	161.4	160.8	160.3	161.9	159.9	157.3	155.2	156.6	156.7	
MATERIALS	8.48	125.3	128.6	129.3	128.8	127.8	127.1	128.7	128.4	127.7	128.3	129.1	129.3	128.9	129.9

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

Table 1—B
INDUSTRIAL PRODUCTION: MARKET GROUPINGS

Not Seasonally Adjusted, 1967=100

MAJOR MARKET GROUPINGS	1967 PRO- POR- TION	1978 AVG.	1978			1979									
			OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.
TOTAL INDEX	100.00	146.1	153.4	150.5	147.1	146.6	152.3	154.0	151.1	152.5	156.5	148.7	152.3	156.7	156.1
PRODUCTS, TOTAL	60.71	144.8	152.6	148.0	142.9	143.3	149.4	150.8	147.5	149.3	154.4	146.8	150.7	156.7	154.7
FINAL PRODUCTS	47.82	142.2	150.2	145.2	140.0	141.3	147.1	148.7	144.3	146.3	151.7	143.5	146.9	154.0	151.7
CONSUMER GOODS	27.68	149.1	158.4	150.3	142.3	144.8	151.7	153.4	148.3	150.2	156.7	145.9	151.4	159.3	157.0
EQUIPMENT	20.14	132.8	139.1	138.2	136.8	136.6	140.8	142.2	138.8	141.0	144.7	140.3	140.6	146.7	144.6
INTERMEDIATE PRODUCTS	12.89	154.1	161.4	158.1	153.5	150.8	157.8	158.8	159.3	160.1	164.3	158.8	164.9	166.9	165.6
MATERIALS	39.29	148.3	154.8	154.5	153.5	151.6	156.9	158.8	156.8	157.6	159.9	151.6	154.6	156.7	158.4
CONSUMER GOODS															
DURABLE CONSUMER GOODS	7.89	159.2	173.8	164.3	150.5	155.0	166.5	169.5	157.2	164.7	166.0	141.8	138.1	158.5	162.6
AUTOMOTIVE PRODUCTS	2.83	179.9	205.9	193.9	167.3	179.7	191.3	201.2	177.0	194.5	189.7	144.0	120.3	162.2	174.0
AUTOS & UTILITY VEHICLES	2.03	172.5	202.9	190.6	151.4	171.8	184.8	198.8	166.6	194.9	187.8	124.9	85.8	141.9	158.1
AUTOS, TOTAL	1.90	148.6	175.2	165.7	128.9	146.3	157.8	172.2	146.5	171.6	166.1	110.2	78.8	131.2	145.0
AUTO PARTS & ALLIED GOODS	.80	198.5	213.3	202.3	207.5	199.6	207.7	207.4	203.2	193.3	194.6	192.4	207.9	213.9	214.4
HOME GOODS	5.06	147.7	155.9	147.8	141.1	141.1	152.6	151.7	146.0	148.1	152.8	140.5	148.1	156.4	156.3
APPLIANCES, AIR COND & TV	1.40	133.3	143.4	123.5	109.7	119.3	139.8	136.4	124.2	132.7	135.7	115.1	113.7	135.2	140.1
APPLIANCES AND TV	1.33	135.4	146.8	126.0	111.1	119.8	140.0	135.8	122.6	132.3	136.7	117.6	118.7	140.0	
CARPETING AND FURNITURE	1.07	164.2	173.5	167.6	163.7	163.5	176.3	176.0	170.2	167.6	171.7	152.9	172.9	179.4	
MISC. HOME GOODS	2.59	148.6	155.3	152.8	148.8	143.7	149.8	150.0	147.9	148.3	154.2	149.2	156.6	158.3	156.1
NONDURABLE CONSUMER GOODS	19.79	145.1	152.2	144.8	139.0	140.7	145.8	147.0	144.8	144.5	153.0	147.5	156.7	159.6	154.7
CLOTHING	4.29	131.1	139.6	128.6	116.1	119.9	135.1	137.2	134.4	127.5	139.7	112.3	133.2		
CONSUMER STAPLES	15.50	148.9	155.7	149.2	145.4	146.5	148.8	149.7	147.7	149.2	156.7	157.3	163.3	165.4	159.9
CONSUMER FOODS & TOBACCO	8.33	140.6	149.2	142.2	135.7	134.7	138.0	142.2	141.3	142.6	149.2	145.4	153.2	156.9	
NONFOOD STAPLES	7.17	158.5	163.2	157.4	156.6	160.2	161.4	158.3	155.2	156.8	165.4	171.0	175.0	175.3	167.3
CONSUMER CHEMICAL PROD	2.63	192.7	207.4	196.5	185.9	186.3	191.4	194.1	194.2	202.2	215.8	218.5	219.4	225.8	
CONSUMER PAPER PRODUCTS	1.92	118.4	122.2	117.6	111.9	111.9	116.9	116.7	117.3	118.4	122.9	125.6	131.4	130.5	
CONSUMER ENERGY PROD	2.62	153.6	148.9	147.4	160.0	169.5	163.9	152.9	143.7	139.4	146.0	156.6	162.2	157.4	
RESIDENTIAL UTILITIES	1.45	162.1	152.3	144.1	163.6	190.9	186.2	168.3	150.7	142.3	150.0	168.2			
EQUIPMENT															
BUSINESS EQUIPMENT	12.63	160.3	169.0	166.5	163.2	163.0	169.6	171.3	166.6	169.8	175.3	169.1	170.0	179.0	175.1
INDUSTRIAL EQUIPMENT	6.77	145.8	152.1	150.2	147.4	147.3	153.1	152.4	148.3	149.2	153.5	148.9	150.4	158.1	154.8
BUILDING AND MINING EQUIP	1.44	207.3	216.0	215.7	209.6	203.1	207.9	201.6	199.5	198.3	204.6	201.8	208.1	219.6	206.8
MANUFACTURING EQUIPMENT	3.85	121.2	126.0	124.4	121.8	124.2	131.2	131.1	126.9	128.0	131.8	127.9	130.9	134.9	133.4
POWER EQUIPMENT	1.47	149.4	157.8	153.2	153.0	152.9	156.8	160.1	153.8	156.6	160.3	151.9	144.9	158.4	159.7
COM'L, TRANSIT, FARM EQ	5.86	177.2	188.5	185.4	181.4	181.2	188.5	193.2	187.7	193.5	200.5	192.5	192.6	203.2	198.4
COMMERCIAL EQUIPMENT	3.26	212.0	223.8	218.7	209.6	209.9	216.9	217.7	217.3	222.2	233.7	233.4	238.0	243.3	238.6
TRANSIT EQUIPMENT	1.93	133.8	145.9	147.5	148.7	147.3	152.1	162.9	149.9	159.4	159.5	143.1	137.1	152.3	157.7
FARM EQUIPMENT	.67	132.8	139.3	132.2	138.9	139.2	155.5	161.2	152.6	152.1	156.0	136.0	132.0	154.8	
DEFENSE AND SPACE EQUIPMENT	7.51	86.5	88.7	90.6	92.6	92.1	92.5	93.2	92.2	92.6	93.3	91.8	91.3	92.5	93.4
INTERMEDIATE PRODUCTS															
CONSTRUCTION SUPPLIES	6.42	151.7	159.1	156.2	151.1	147.9	156.2	157.1	159.6	159.9	162.7	153.3	157.9	160.8	161.2
BUSINESS SUPPLIES	6.47	156.5	163.6	160.0	155.9	153.7	159.4	160.5	159.0	160.3	165.9	164.3	171.9	173.0	
COMMERCIAL ENERGY PRODUCTS	1.14	168.2	169.6	162.7	166.2	173.0	171.1	167.2	161.4	163.3	172.8	181.8	184.2	180.3	
MATERIALS															
DURABLE GOODS MATERIALS	20.35	149.0	157.6	157.1	157.2	152.2	158.5	162.0	158.7	161.2	164.5	154.2	153.9	158.6	159.8
DURABLE CONSUMER PARTS	4.58	140.8	150.0	150.2	151.0	146.3	147.4	147.7	138.9	145.1	143.5	130.6	122.9	132.3	134.8
EQUIPMENT PARTS	5.44	166.5	175.0	178.4	182.7	179.3	184.3	187.2	186.1	187.2	193.7	186.5	187.2	192.5	193.9
DURABLE MATERIALS NEC	10.34	143.3	151.7	148.9	146.6	140.5	149.9	155.0	153.1	154.6	158.5	147.7	150.0	152.3	152.8
BASIC METAL MATERIALS	5.57	121.2	127.7	124.3	124.0	120.1	126.8	134.6	132.7	132.1	134.4	121.0	120.4	122.5	
NONDURABLE GOODS MATERIALS	10.47	165.6	172.4	171.4	165.1	166.7	173.4	176.8	176.6	176.7	177.4	166.2	176.1	176.2	180.6
TEXTILE, PAPER, & CHEM MAT	7.62	171.8	176.9	177.8	172.2	173.1	180.7	184.0	185.3	185.3	186.3	174.3	184.7	184.9	187.7
TEXTILE MATERIALS	1.85	116.9	123.5	119.9	112.3	118.9	118.8	126.0	120.9	124.1	128.4	100.3	123.4	121.0	
PAPER MATERIALS	1.62	137.0	139.9	137.7	125.5	132.4	143.6	146.4	146.0	144.5	145.1	137.6	147.6	141.9	
CHEMICAL MATERIALS	4.15	210.0	215.2	219.3	217.2	213.2	222.9	224.6	229.4	228.7	228.2	221.8	226.5	230.3	
CONTAINERS, NONDURABLE	1.70	159.8	170.9	160.0	146.4	157.8	167.5	173.2	165.2	166.2	166.6	158.1	168.6	165.1	
NONDURABLE MATERIALS NEC	1.14	132.7	145.1	146.2	145.2	137.1	133.2	134.5	135.1	134.4	134.0	123.6	129.6	135.2	
ENERGY MATERIALS	8.48	125.3	126.2	127.5	130.3	131.6	132.5	128.9	127.5	125.4	127.3	127.5	130.0	128.0	127.6
PRIMARY ENERGY	4.65	112.6	115.8	116.3	115.7	111.3	113.1	115.9	114.3	112.8	113.1	109.4	114.2	112.4	
CONVERTED FUEL MATERIALS	3.82	140.8	138.7	141.1	148.1	156.2	156.1	144.7	143.6	140.6	144.6	149.6	149.3	146.9	
SUPPLEMENTARY GROUPS															
HOME GOODS AND CLOTHING	9.35	140.0	148.4	139.0	129.6	131.4	144.6	145.1	140.7	138.6	146.8	127.6	141.3	148.2	146.9
ENERGY, TOTAL	12.23	135.4	135.1	135.0	140.0	143.6	142.8	137.6	134.1	131.9	135.6	138.8	142.0	139.2	135.2
PRODUCTS	3.76	158.0	155.2	152.1	161.9	170.6	166.1	157.3	149.1	146.6	154.1	164.2	168.9	164.4	
MATERIALS	8.48	125.3	126.2	127.5	130.3	131.6	132.5	128.9	127.5	125.4	127.3	127.5	130.0	128.0	127.6

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

Table 2—A
INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS

Seasonally Adjusted, 1967 = 100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967	1978	1978			1979									
		PRO- TION	1978 AVG.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.
MINING AND UTILITIES		12.05	141.7	144.6	144.8	145.0	143.9	143.0	143.5	143.8	143.4	143.0	143.7	145.0	145.2	146.3
MINING		6.36	124.0	127.9	128.0	127.4	123.8	120.9	122.3	122.7	122.8	123.9	124.7	127.1	126.3	127.6
UTILITIES		5.69	161.4	163.2	163.7	164.7	166.2	167.7	167.1	167.4	166.5	164.2	164.8	165.1	166.4	167.2
MANUFACTURING		18.75	146.8	150.7	151.6	152.9	152.5	153.3	154.5	151.6	153.8	153.9	154.1	152.4	153.4	153.4
NONDURABLE		35.97	156.9	159.5	160.4	161.7	160.7	162.0	163.0	161.7	162.8	163.0	164.1	164.4	164.3	164.8
DURABLE		51.98	139.7	144.6	145.5	146.8	146.8	147.2	148.6	144.6	147.6	147.6	147.2	144.2	145.8	145.5
MINING																
METAL MINING	10	5.51	121.0	122.1	124.3	123.8	124.2	125.3	126.9	128.9	123.1	123.2	128.6	126.5	122.9	
COAL	11,12	6.69	114.7	141.9	144.6	144.7	115.9	104.5	124.0	130.1	133.4	137.5	137.1	144.1	142.6	146.7
OIL AND GAS EXTRACTION	13	4.40	124.6	125.5	124.8	123.8	123.0	120.4	119.3	118.6	118.6	119.6	120.4	122.6	122.1	123.2
STONE AND EARTH MINERALS	14	7.51	131.2	133.6	133.8	134.8	135.9	135.7	135.6	135.3	137.8	137.3	136.4	138.3	137.9	
NONDURABLE MANUFACTURES																
FOODS	20	8.75	142.7	143.2	143.7	144.7	143.9	145.5	147.6	147.0	149.2	149.5	149.4	148.3	148.2	
TOBACCO PRODUCTS	21	6.77	118.3	119.0	118.8	119.1	120.6	116.2	123.3	120.0	120.2	118.3	118.9	107.5		
TEXTILE MILL PRODUCTS	22	2.68	137.5	139.6	140.4	141.7	141.6	139.9	142.3	141.2	141.5	144.6	143.0	143.3	145.1	
APPAREL PRODUCTS	23	3.31	134.2	136.8	135.8	136.5	130.3	133.5	136.5	130.8	128.2	132.0	129.7	130.2		
PAPER AND PRODUCTS	26	3.21	144.8	145.8	146.7	148.5	144.6	146.6	149.0	148.7	147.9	148.0	154.0	153.9	155.1	154.1
PRINTING AND PUBLISHING	27	4.72	131.5	132.6	133.7	134.4	135.6	138.2	137.3	135.7	136.8	136.9	135.6	137.7	137.7	138.2
CHEMICALS AND PRODUCTS	28	7.74	197.4	202.7	204.6	207.2	206.5	208.6	207.4	207.7	209.7	207.8	210.5	213.0	212.5	
PETROLEUM PRODUCTS	29	1.79	145.2	147.6	150.2	151.3	147.0	146.0	143.8	145.4	142.4	143.9	143.9	143.1	142.8	143.1
RUBBER & PLASTICS PRODUCTS	30	2.24	253.6	262.3	263.0	263.3	267.4	267.5	270.4	265.5	270.0	270.0	278.0	276.6	273.1	
LEATHER AND PRODUCTS	31	8.61	73.8	72.4	73.4	73.8	74.8	73.4	72.9	69.6	72.3	70.1	69.7	69.7	70.3	
DURABLE MANUFACTURES																
ORDNANCE, PVT & GOVT	19,91	3.64	73.7	74.2	74.2	74.6	74.9	75.8	75.4	75.1	75.3	75.1	74.6	74.9	75.2	75.9
LUMBER AND PRODUCTS	24	1.64	136.3	138.1	140.1	144.0	137.3	137.2	137.7	137.2	136.1	136.8	135.2	136.9	137.3	
FURNITURE AND FIXTURES	25	1.37	155.8	159.9	158.6	157.6	161.7	163.1	163.5	159.4	159.6	159.6	159.5	161.7	161.5	
CLAY, GLASS, STONE PROD	32	2.74	157.2	161.3	162.1	164.0	167.4	166.9	164.9	161.2	163.8	162.7	163.3	162.5	162.7	
PRIMARY METALS	33	6.57	119.9	129.4	130.8	132.1	123.4	120.4	123.7	121.7	121.0	124.3	127.1	121.1	122.0	121.8
IRON AND STEEL	331,2	4.21	113.2	123.8	124.4	125.3	113.3	110.8	116.2	115.8	114.3	118.1	119.0	112.0	115.0	
FABRICATED METAL PROD	34	5.93	141.6	144.9	145.6	147.1	149.1	150.8	150.2	148.8	150.3	149.3	149.3	147.6	147.5	147.7
NONELECTRICAL MACHINERY	35	9.15	153.6	157.5	157.8	158.1	161.2	162.9	164.0	161.8	164.3	164.5	165.3	166.1	165.6	161.0
ELECTRICAL MACHINERY	36	8.05	159.4	164.2	165.2	167.7	170.9	173.2	174.2	170.6	174.7	175.1	174.4	171.4	174.0	175.3
TRANSPORTATION EQUIP	37	9.27	132.5	139.7	142.1	142.9	141.2	139.9	143.7	131.6	141.9	139.4	135.5	124.7	131.8	133.4
MOTOR VEHICLES & PTS	371	4.50	169.9	178.9	181.9	182.1	177.9	173.1	179.7	156.0	176.3	169.6	160.2	138.7	150.8	152.7
AEROSPACE & MISC	372-9	4.77	97.2	102.8	104.7	106.0	106.6	108.6	109.7	108.6	109.6	111.0	112.2	111.5	113.9	115.1
INSTRUMENTS	38	2.11	167.1	170.3	171.3	173.1	175.2	176.0	177.3	176.3	174.7	175.9	174.0	173.9	173.5	174.5
MISCELLANEOUS MFRS	39	1.51	151.0	151.8	151.1	151.7	152.0	154.0	154.5	152.3	150.7	152.7	155.7	155.1	155.0	
UTILITIES																
ELECTRIC		3.88	182.2	184.7	185.2	186.7	188.4	189.9	188.8	189.0	186.4	182.4	182.2	182.7		

Table 3
INDUSTRIAL PRODUCTION: PER CENT CHANGES

Based on Seasonally Adjusted Indexes

CHANGE FROM PREVIOUS MONTH	1978		1979									
	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.
TOTAL INDEX	.6	.8	-.2	.3	.7	-1.4	1.1	.1	.1	-.8	.5	.1
FINAL PRODUCTS	.1	.6	.0	.5	1.0	-1.9	1.7	-.1	-.3	-1.1	1.0	-.1
CONSUMER GOODS	.1	.1	-.6	.6	.9	-2.5	1.9	-.1	-.7	-1.7	1.0	.3
DURABLE CONSUMER GOODS	.2	-.7	-.9	.4	1.6	-7.3	5.9	-1.2	-.9	-6.0	3.1	.3
NONDURABLE CONSUMER GOODS	.1	.4	-.4	.7	.6	-.4	.5	.3	-.6	.3	.1	.3
BUSINESS EQUIPMENT	.1	1.1	.8	.5	1.1	-1.2	1.6	.1	-.1	-.2	1.0	-1.3
INTERMEDIATE PRODUCTS	.9	1.3	.6	.4	-.6	-.4	-.1	.0	-.1	.6	.0	.1
MATERIALS	.8	1.1	-.8	.1	.7	-1.2	.8	.5	.7	-.8	.1	.3
DURABLE GOODS MATERIALS	1.0	1.6	-.9	-.1	.8	-2.2	1.4	1.0	.8	-.1	-.1	.3
NONDURABLE GOODS MATERIALS	.8	1.0	-.5	.8	.4	-.1	.5	-.2	.7	.7	.5	.2
MANUFACTURING	.6	.9	-.3	.5	.8	-1.9	1.5	.1	.1	-1.1	.7	.0
NONDURABLE	.6	.8	-.6	.8	.6	-.8	.7	.1	.7	.2	-.1	.3
DURABLE	.6	.9	.0	.3	1.0	-2.7	2.1	.0	-.3	-2.0	1.1	-.2
MINING AND UTILITIES	.1	.1	-.8	-.6	.3	.2	-.3	-.3	.5	.9	.1	.8
CHANGE FROM SAME MONTH A YEAR AGO												
TOTAL INDEX	7.3	8.0	8.2	8.3	7.7	4.4	5.2	4.4	3.9	2.4	2.5	1.9
FINAL PRODUCTS	5.9	6.2	7.4	6.9	5.9	2.7	4.5	3.9	2.7	.9	1.7	1.2
CONSUMER GOODS	3.2	3.6	5.2	4.3	3.7	-.3	2.0	1.7	.7	-1.5	-.7	-.6
DURABLE CONSUMER GOODS	4.2	3.9	8.7	6.3	3.8	-6.7	.2	-1.6	-3.0	-8.5	-5.1	-6.0
NONDURABLE CONSUMER GOODS	2.7	3.5	3.7	3.5	3.6	2.6	2.8	3.2	2.3	1.6	1.2	1.8
BUSINESS EQUIPMENT	9.4	9.5	10.6	10.0	9.1	6.8	8.2	7.1	6.0	4.7	5.5	3.5
INTERMEDIATE PRODUCTS	6.1	6.7	6.8	7.5	6.6	5.1	4.7	3.6	3.0	3.0	3.0	2.6
MATERIALS	9.4	10.9	9.7	10.3	9.9	6.3	6.3	5.5	5.6	4.1	3.4	2.3
DURABLE GOODS MATERIALS	12.9	13.4	12.4	13.1	12.8	7.6	8.5	8.0	6.8	3.7	2.6	1.4
NONDURABLE GOODS MATERIALS	7.7	8.9	7.8	7.1	6.3	5.1	5.5	4.3	6.1	6.4	5.2	4.8
MANUFACTURING	7.6	8.1	8.6	9.0	8.3	4.6	5.9	5.1	4.3	2.6	2.5	1.8
NONDURABLE	5.2	6.1	5.4	6.0	6.0	4.0	4.5	3.8	4.4	3.8	3.1	3.3
DURABLE	9.4	9.6	11.1	11.3	10.1	5.1	7.0	6.2	4.3	1.7	2.0	.6
MINING AND UTILITIES	5.1	7.4	5.7	5.2	4.1	1.9	.9	-.1	.1	1.3	1.8	1.2

Table 2—B
INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS

Not Seasonally Adjusted, 1967 = 100

MAJOR INDUSTRY GROUPINGS		SIC CODE	1967 PRO- POR- TION	1978 AVG.	1978 OCT.	1978 NOV.	1978 DEC.	1979										
								JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	
MINING AND UTILITIES				12.05	141.7	141.9	140.9	145.1	149.0	148.2	142.6	139.5	137.5	141.5	144.8	148.9	146.8	143.1
MINING				6.36	124.0	129.8	129.4	125.8	120.1	119.8	122.6	123.4	124.1	125.3	121.7	127.6	127.9	129.5
UTILITIES				5.69	161.4	155.3	153.8	166.8	181.3	179.8	164.9	157.4	152.5	159.5	170.6	172.7	167.8	158.4
MANUFACTURING				87.95	146.8	155.0	151.9	147.3	146.2	152.9	155.6	152.7	154.6	158.6	149.2	152.8	158.1	157.8
NONDURABLE				35.97	156.9	165.4	160.8	153.8	152.3	159.7	162.8	161.9	162.5	167.9	159.6	168.8	171.5	171.0
DURABLE				51.98	139.7	147.9	145.6	142.8	142.0	148.2	150.6	146.3	149.1	152.2	142.1	141.6	148.8	148.7
MINING																		
METAL MINING			10	.51	121.0	125.0	120.9	115.5	112.1	117.4	121.7	130.6	130.8	131.8	129.6	132.8	132.1	
COAL			11,12	.69	114.7	146.2	146.1	130.4	104.4	107.7	136.4	138.6	141.4	143.9	114.0	144.1	146.9	151.8
OIL AND GAS EXTRACTION			13	4.40	124.6	126.1	126.1	124.7	122.3	121.2	119.4	118.1	117.7	118.7	119.7	122.2	122.2	123.8
STONE AND EARTH MINERALS			14	.75	131.2	139.8	139.3	134.9	127.1	124.2	129.9	136.2	141.6	142.2	134.8	140.8	141.4	
NONDURABLE MANUFACTURES																		
FOODS			20	8.75	142.7	151.8	145.7	141.2	137.3	140.4	143.3	143.6	144.6	150.1	148.0	155.1	158.5	
TOBACCO PRODUCTS			21	.67	118.3	129.2	123.1	97.4	121.7	116.5	130.0	114.9	117.9	125.8	101.8	112.3		
TEXTILE MILL PRODUCTS			22	2.68	137.5	146.1	140.2	131.7	133.5	137.5	145.6	144.9	144.9	155.3	126.6	147.6	150.3	
APPAREL PRODUCTS			23	3.31	134.2	144.3	131.5	117.6	121.3	139.3	143.4	136.5	128.9	139.9	114.6	134.5		
PAPER AND PRODUCTS			26	3.21	144.8	151.3	145.7	134.4	140.2	152.5	155.7	155.0	151.3	153.3	143.5	154.1	151.6	159.9
PRINTING AND PUBLISHING			27	4.72	131.5	138.4	135.2	127.6	122.8	128.5	129.8	130.5	134.4	142.0	141.8	149.7	151.1	144.8
CHEMICALS AND PRODUCTS			28	7.74	197.4	205.9	203.9	198.9	195.4	202.8	206.1	209.3	212.1	216.0	212.3	215.5	219.4	
PETROLEUM PRODUCTS			29	1.79	145.2	148.4	153.5	153.2	142.3	138.5	138.0	140.5	142.4	147.5	147.9	148.7	146.8	143.9
RUBBER & PLASTICS PRODUCTS			30	2.24	253.6	268.6	265.5	260.3	258.1	280.7	281.4	269.3	271.1	269.4	254.0	269.4	276.2	
LEATHER AND PRODUCTS			31	.86	73.8	75.5	72.9	69.9	72.1	75.9	76.0	71.2	74.0	73.0	59.4	70.8	71.9	
DURABLE MANUFACTURES																		
ORDNANCE, PVT & GOVT			19,91	3.64	73.7	72.5	72.6	73.9	75.1	75.9	76.4	75.8	75.9	76.4	74.9	74.8	75.0	74.2
LUMBER AND PRODUCTS			24	1.64	136.3	143.8	137.2	134.2	129.2	138.3	138.9	140.2	137.6	141.9	131.5	139.5	142.2	
FURNITURE AND FIXTURES			25	1.37	155.8	163.0	161.0	157.5	159.8	171.2	166.5	159.0	156.0	160.2	143.1	162.4	166.1	
CLAY, GLASS, STONE PROD			32	2.74	157.2	168.9	164.7	156.0	152.2	156.2	161.2	162.7	167.0	171.2	164.5	169.2	166.5	
PRIMARY METALS			33	6.57	119.9	127.1	123.3	123.7	117.6	124.4	132.2	131.9	129.5	131.9	118.5	115.8	118.5	119.7
IRON AND STEEL			331,2	4.21	113.2	120.7	115.9	117.1	106.5	113.5	123.5	126.8	122.9	126.3	113.9	107.2	111.2	
FABRICATED METAL PROD			34	5.93	141.6	147.3	147.0	145.6	144.7	153.1	152.0	148.6	150.1	151.3	144.6	146.4	149.6	150.1
NONELECTRICAL MACHINERY			35	9.15	153.6	161.0	158.0	154.4	155.2	163.8	163.9	160.2	161.9	168.5	164.5	165.8	172.8	164.6
ELECTRICAL MACHINERY			36	8.05	159.4	169.9	167.4	166.3	167.2	173.2	174.1	169.4	173.3	178.2	167.7	169.7	178.9	181.2
TRANSPORTATION EQUIP			37	9.27	132.5	145.4	144.2	137.7	139.2	142.9	149.3	136.8	147.4	146.1	125.6	113.1	132.6	137.5
MOTOR VEHICLES & PTS			371	4.50	169.9	190.2	185.1	169.8	175.1	180.3	191.0	166.2	186.2	181.9	143.1	116.8	151.8	160.9
AEROSPACE & MISC			372-9	4.77	97.2	103.1	105.6	107.5	105.3	107.6	110.0	109.1	110.8	112.5	109.1	109.7	114.5	115.4
INSTRUMENTS			38	2.11	167.1	172.7	174.0	173.1	169.6	173.4	174.9	173.2	174.0	179.4	173.3	175.0	177.7	177.0
MISCELLANEOUS MFRS			39	1.51	151.0	158.2	152.5	146.3	141.4	152.3	152.8	149.0	149.2	156.7	151.2	161.2	166.6	161.5
UTILITIES																		
ELECTRIC				3.88	182.2	175.6	170.9	186.4	203.6	201.0	181.2	172.7	168.0	180.4	196.4	199.0		

Table 4—A
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally Adjusted, 1967 = 100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES		SIC CODE	1967 PRO- POR- TION	1978 AVG.	1978				1979								
					SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.
METAL MINING		10	.51														
IRON ORE		101,6	.24	110.0	102.6	111.5	120.7	127.5	120.9	106.8	110.5	114.1	97.1	101.1	117.9	122.5	119.7
NONFERROUS ORES		102-5,8,9	.27	130.8	131.2	130.0	131.3	126.5	123.9	128.4	128.9	132.2	133.1	132.8	156.7	143.3	142.2
COPPER ORE		102	.14	155.6	157.9	155.4	158.5	148.9	140.7	151.4	153.1	162.9	161.5	162.5	205.3	179.2	178.1
LEAD AND ZINC ORES		103	.03	89.8	88.4	93.8	87.4	86.4	90.9	85.0	75.7	72.6	80.9	80.6	81.2	87.9	
ANTHRACITE		11	.03	53.4	52.7	50.3	50.7	48.6	47.7	43.4	42.3	50.2	48.7	45.1	49.0	45.2	46.6
BITUMINOUS COAL		12	.66	117.2	108.3	134.1	144.7	147.7	128.2	115.6	138.8	139.4	133.2	136.1	136.6	152.2	134.8
OIL AND GAS EXTRACTION		13	4.40														
CRUDE OIL & NATURAL GAS		131	3.61	99.1	99.8	99.8	98.7	98.4	97.5	97.2	97.7	97.7	96.7	97.3	97.0	97.4	96.3
CRUDE OIL, TOTAL			2.94	96.9	98.1	98.0	96.8	96.4	94.7	94.2	95.3	95.3	93.9	94.8	95.0	95.0	93.8
ALASKA, CALIF. CRUDE			.31	204.5	213.6	216.0	217.2	217.4	217.6	209.9	219.4	224.6	222.9	217.9	223.9	221.3	219.7
TEXAS CRUDE			1.07	96.0	95.2	94.4	94.3	93.2	92.5	92.8	91.9	91.8	91.4	91.0	90.2	90.0	88.6
LA. AND OTHER CRUDE			1.57	76.6	77.6	77.4	75.1	75.0	72.2	72.5	73.4	72.5	70.4	73.3	73.2	73.8	72.9
NATURAL GAS			.67	108.6	107.2	107.9	107.0	107.1	109.8	110.8	108.3	108.4	108.9	108.3	105.7		
NATURAL GAS LIQUIDS		132	.30	113.2	112.7	110.2	115.4	111.8	118.9	115.7							
LP PROPANE			.04	105.2	106.8	102.2	101.7	100.4	109.2	94.4							
LP MATERIALS			.26	114.5	113.6	111.5	117.7	113.6	120.5	119.1							
OIL AND GAS DRILLING		138	.50	315.2	319.0	318.4	317.3	308.5	302.6	292.1	282.3	282.4	283.7	283.4	295.7	307.8	312.5
FOODS		20	8.75														
MEAT PRODUCTS		201	1.17	113.8	111.8	113.6	113.1	114.9	112.9	109.0	111.6	116.2	122.8	120.0	128.0	123.5	114.8
BEEF			.40	120.1	117.3	119.0	119.5	119.6	115.3	107.2	104.4	102.5	107.1	104.9	104.7	107.0	100.4
PORK			.55	106.7	106.1	106.0	105.8	108.8	105.7	104.4	110.1	118.3	128.1	128.2	141.7	132.6	122.1
MISC. MEATS			.22	120.2	116.1	123.0	119.6	121.7	126.4	123.8	128.3	135.4	137.6	126.5	135.7	130.8	122.6
DAIRY PRODUCTS		202	1.14	120.6	121.1	122.7	122.4	122.3	121.9	122.3	123.0	122.9	122.9	123.2	123.8	125.2	126.5
BUTTER		2021	.04	81.3	82.9	76.1	73.7	77.2	77.0	78.6	78.8	81.0	78.0	81.2	82.2	77.6	83.2
CHEESE		2022	.07	234.9	237.6	248.7	257.0	252.2	247.6	248.5	248.7	236.7	237.8	241.8	248.3	256.2	266.2
CONCENTRATED MILK		2023	.12	53.8	52.8	53.0	51.1	50.1	48.7	48.5	51.6	52.9	54.6	53.9	52.5	55.0	53.9
FROZEN DESSERTS		2024	.13	132.1	131.6	138.6	132.7	132.6	131.0	132.1	132.7	135.6	132.3	131.0	131.3	136.5	139.3
CANNED AND FROZEN FOODS		203	1.18	165.8	163.1	162.4	166.1	169.0	174.4	175.1	175.2	176.5	174.8	176.6	173.5	172.1	166.5
GRAIN MILL PRODUCTS		204	.95	164.5	163.7	165.4	165.0	167.6	163.8	164.8	169.2	169.5	170.5	170.4	170.0	167.7	166.5
FLOUR & CORN MILL.		2041,6	.28	113.3	110.7	112.8	113.8	112.5	108.6	111.3	113.5	112.3	116.9	118.3	117.2	116.3	117.5
BAKERY PRODUCTS		205	1.15	120.7	123.0	121.8	121.4	121.6	123.4	123.0	121.7	120.9	124.0	122.2	120.0	119.3	121.7
SUGAR		206	.21	123.9	120.1	125.3	127.3	131.6	120.8	131.9	132.9	132.3	131.1	133.8	120.0	118.3	123.2
CONFECTIONERY		207	.41	107.1	102.0	98.5	101.6	109.9	86.2	103.8	116.5	107.5	104.2	101.7	111.7	111.9	109.8
BEVERAGES		208	1.58	180.1	184.5	184.1	186.4	187.7	181.9	193.5	193.9	190.9	186.2	188.6	185.5	187.7	191.9
BEER AND ALE		2082,3	.52	154.2	156.7	157.5	157.8	162.9	154.6	164.2	173.5	159.5	151.8	150.6	151.3	149.4	
WINES AND BRANDY		2084	.07	231.5	241.2	235.7	246.6	245.1	212.4	231.2	241.7	259.2	228.2	253.5	249.2		
LIQUORS		2085	.24	130.6	138.6	133.2	128.7	125.5	122.0	136.0	127.6	124.5	120.4	128.7	119.9	135.9	137.1
SOFT DRINKS		2086,7	.74	120.0	214.0	214.9	220.1	220.4	217.9	229.5	225.5	228.6	228.2	229.2	225.4	226.0	228.9
MISC. FOOD PREPARATIONS		209	.97	139.1	144.9	141.9	141.5	143.4	141.6	140.3	142.6	144.0	145.4	147.9	149.0	148.0	151.6
FATS AND OILS		2091-4,6	.30	138.5	142.2	142.5	139.7	143.9	136.9	136.8	140.6	140.3	144.0	145.3	152.6	146.6	149.5
COFFEE, MISC. FOOD		2095,7-9	.67	139.3	146.1	141.7	142.3	143.2	143.7	141.8	143.5	145.7	146.0	149.1	147.3	148.6	
TOBACCO PRODUCTS		21	.67														
CIGARETTES		211	.54	120.8	123.8	120.5	120.9	121.6	125.2	110.3	138.9	123.0	124.1	118.2	122.3	107.8	110.0
CIGARS		212	.07	65.2	62.8	58.8	61.9	61.2	59.8	60.2	66.3	61.7	64.5	61.1	63.3	59.9	56.9
TEXTILE MILL PRODUCTS		22	2.69														
FABRICS		221-4	1.05	99.8	99.5	102.6	101.4	102.3	101.8	99.3	105.5	104.8	103.2	105.5	108.4	102.4	106.7
COTTON FABRICS		221,4	.60	73.4	73.1	73.3	73.4	73.8	74.4	71.2	76.0	72.5	74.4	75.8	76.8	74.6	78.2
MAN-MADE FABRICS		222	.30	172.1	172.2	183.3	177.2	179.8	179.9	173.7	184.2	188.2	182.3	186.6	197.2	184.2	189.2
WOOL FABRICS		223	.14	57.3	56.0	54.8	58.7	57.9	51.8	59.9	62.5	63.7	56.7	58.3	52.6	46.0	51.2
KNIT GOODS		225	.63	183.4	188.6	186.7	187.6	195.4	192.3	185.4	190.0	188.1	182.0	190.0	178.5	189.2	194.8
HOSIERY		2251,2	.21	189.6	195.9	194.2	197.8	228.7	209.8	201.7	211.2	206.7	191.6	210.9	179.0	202.3	223.7
KNIT GARMENTS		2253-9	.42	180.2	184.9	182.9	182.5	178.5	183.5	177.2	179.2	178.7	177.1	179.3	178.2	182.6	180.1
FABRIC FINISHING		226	.23	150.3	155.7	155.7	158.4	163.2	133.6	137.7	139.5	140.4	139.9	159.9	144.2	143.7	148.1
CARPETING		227	.20	184.1	187.1	182.4	183.3	188.6	196.9	190.8	207.9	208.8	213.3	218.9	222.3	212.4	214.9
YARN & MISC. TEXTILES		228,9	.57	134.7	132.8	136.2	135.6	134.7	136.2	134.7	144.9	132.5	138.7	150.8	142.2	140.6	142.0
APPAREL PRODUCTS		23	3.33														
MEN'S OUTERWEAR		231,2	1.06	124.1	138.8	133.1	128.6	130.9	107.5	117.7	129.9	120.0	110.7	124.8	124.5	122.9	130.2
MEN'S SUITS AND COATS		231	.34	106.3	114.7	103.4	107.1	105.0	94.4	100.6	110.7	99.8	92.0	106.6	105.4	93.6	90.2
MEN'S FURNISHINGS		232	.69	135.2	153.6	150.4	141.6	146.3	115.5	128.2	141.8	132.0	121.6	136.0	136.2	139.7	152.4
WOMEN'S OUTERWEAR		233	1.05	174.4	182.7	171.6	178.2	179.6	163.2	171.6	180.8	171.4	171.0	177.9	167.4	168.2	167.4
MISC. APP. & ALLIED GDS		234-9	1.20	108.4	109.5	108.9	109.6	110.0	110.1	110.6	108.7	105.2	106.3	103.8	103.3	103.5	103.2
LUMBER AND PRODUCTS		24	1.64														
LOGGING AND LUMBER		241,2	.82	113.1	115.7	113.5	116.6	125.5	109.2	112.7	119.2	111.6	113.3	118.7	114.6	115.8	116.8
LUMBER		242	.59	110.8	113.5	109.0	113.8	124.3	103.1	106.7	114.0	105.6	106.4	113.1	108.2	109.5	
LUMBER PRODUCTS		243,4,9	.82	159.5	157.8	162.9	162.4	162.7	163.9	162.4	157.6	163.7	159.1	157.4	155.1	156.8	158.8
MILLWORK AND PLYWOOD		243	.50	175.8	172.4	180.4	178.6	179.6	181.0	178.5	172.1	183.4	175.0	172.4	170.1	173.0	
PLYWD, PREFAB PROD		2432,3	.29	195.9	190.9	206.6	202.0	201.0	203.7	200.8	190.4	210.6	198.2	197.8	197.9	202.5	
FURNITURE AND FIXTURES		25	1.37														
HOUSEHOLD FURNITURE</																	

Table 4—B
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES		SIC CODE	1967 PRO- POR- TION	1978 AVG.	1978 SEP.	1978 OCT.	1978 NOV.	1978 DEC.	1979 JAN.	1979 FEB.	1979 MAR.	1979 APR.	1979 MAY	1979 JUNE	1979 JULY	1979 AUG.	1979 SEP.	
METAL MINING			101	.51														
IRON ORE			101,6	.24	110.0	120.9	114.3	108.4	106.7	98.4	100.7	107.2	119.7	121.6	129.1	129.1	128.0	119.9
NONFERROUS ORES			102-5,8,9	.27	130.8	129.2	134.6	132.2	123.4	124.4	132.3	134.6	140.3	138.9	134.2	130.1	137.1	140.0
COPPER ORE			102	.14	155.6	154.3	163.3	159.8	142.6	141.3	158.7	161.5	176.4	171.7	164.9	160.1	170.2	174.0
LEAD AND ZINC ORES			103	.03	89.8	87.1	94.6	86.3	84.0	88.0	90.9	81.9	76.5	79.9	81.7	73.2	85.0	
ANTHRACITE			11	.03	53.4	58.1	54.5	55.4	42.9	42.0	38.2	44.3	48.0	50.7	47.0	42.9	49.8	51.4
BITUMINOUS COAL			12	.66	117.2	121.2	149.9	149.8	134.0	106.9	110.5	140.2	142.3	145.1	147.9	116.9	147.9	150.8
OIL AND GAS EXTRACTION			13	4.40														
CRUDE OIL & NATURAL GAS			131	3.61	99.1	98.9	99.3	98.7	98.6	97.2	98.7	98.2	97.2	96.5	97.1	96.7	96.9	95.6
CRUDE OIL, TOTAL				2.94	96.9	97.7	98.1	97.0	96.1	93.9	94.5	95.4	94.7	93.9	94.6	94.8	95.1	93.7
ALASKA, CALIF. CRUDE				.31	204.5	214.0	216.6	218.5	216.1	217.8	209.5	218.3	218.3	218.0	212.0	223.0	226.2	223.0
TEXAS CRUDE				1.07	96.0	94.9	94.8	94.5	93.4	91.5	92.9	92.5	92.1	91.5	90.9	89.9	89.6	88.3
LA. AND OTHER CRUDE				1.57	76.6	76.9	77.3	75.0	74.6	71.3	73.1	73.5	72.3	71.4	74.3	73.1	73.3	72.2
NATURAL GAS				.67	108.6	104.0	104.6	106.4	109.6	111.8	117.1	110.2	108.5	107.6	107.8	104.9		
NATURAL GAS LIQUIDS			132	.30	113.2	111.3	111.0	116.1	112.8	115.7	114.1							
LP PROPANE				.04	105.2	104.1	103.3	105.1	104.1	107.7	96.1							
LP MATERIALS				.26	114.5	112.5	112.3	117.9	114.2	117.0	117.0							
OIL AND GAS DRILLING			138	.50	315.2	325.4	327.3	328.7	319.0	306.8	288.0	275.0	271.1	273.5	278.9	292.2	310.0	318.7
FOODS			20	8.75														
MEAT PRODUCTS			201	1.17	113.8	116.0	122.2	120.5	113.0	111.8	107.6	113.1	115.7	116.2	117.5	115.6	123.7	119.1
BEEF				.40	120.1	120.1	125.3	121.4	115.7	118.4	110.5	103.8	98.6	101.0	104.9	100.2	109.8	102.8
PORK				.55	106.7	107.6	113.1	118.9	110.9	105.9	105.1	117.9	124.2	120.9	119.2	117.5	124.9	123.8
MISC. MEATS				.22	120.2	129.5	139.0	122.7	113.5	114.8	108.8	117.8	125.1	132.0	135.9	138.3	145.4	136.7
DAIRY PRODUCTS			202	1.14	120.6	119.3	117.7	115.8	116.7	116.7	120.2	123.9	126.4	128.4	132.6	128.6	127.4	124.5
BUTTER			2021	.04	81.3	63.5	68.6	64.6	77.0	90.8	91.8	85.0	93.6	92.0	84.0	72.7	60.5	63.7
CHEESE			2022	.07	234.9	216.0	220.7	228.7	238.9	229.3	243.0	257.2	261.8	271.3	284.9	255.6	249.5	242.0
CONCENTRATED MILK			2023	.12	53.8	44.5	40.5	37.3	43.7	43.2	46.7	52.5	62.0	68.6	73.1	60.9	53.7	45.4
FROZEN DESSERTS			2024	.13	132.1	140.8	124.7	106.8	98.0	97.7	115.3	133.9	139.7	143.9	168.3	163.3	165.0	149.1
CANNED AND FROZEN FOODS			203	1.18	165.8	197.5	188.9	171.2	156.2	156.8	162.5	162.2	162.9	165.5	173.6	172.3	184.1	201.6
GRAIN MILL PRODUCTS			204	.95	164.5	168.6	174.9	169.3	169.4	162.2	163.4	165.1	161.5	162.8	167.0	168.1	174.3	171.4
FLOUR & CORN MILL.			2041,6	.28	113.3	113.0	119.6	114.3	110.7	105.1	114.1	112.9	112.4	113.2	113.7	113.2	121.3	120.0
BAKERY PRODUCTS			205	1.15	120.7	135.3	126.8	119.9	117.1	115.7	114.0	113.4	114.0	119.0	125.9	130.2	130.4	133.9
SUGAR			206	.21	123.9	110.7	159.5	174.6	173.2	140.1	116.6	111.4	114.8	113.9	117.6	94.5	98.6	113.6
CONFECTIONERY			207	.41	107.1	145.0	115.2	107.3	96.3	76.8	117.4	117.1	94.8	89.5	86.2	77.5	130.8	154.6
BEVERAGES			208	1.58	180.1	197.5	189.8	177.6	171.0	166.1	171.8	184.8	188.1	189.5	205.8	200.9	205.7	205.7
BEER AND ALE			2082,3	.52	154.2	153.9	144.4	131.0	135.4	136.8	152.5	170.4	175.6	167.9	176.4	174.5	165.7	
WINES AND BRANDY			2084	.07	231.5	240.2	283.8	298.9	282.6	202.8	206.0	256.2	236.4	217.7	250.5	194.6		
LIQUORS			2085	.24	130.6	146.1	160.3	145.0	123.7	113.4	122.8	132.6	121.3	116.1	136.3	96.1	129.2	144.2
SOFT DRINKS			2086,7	.74	210.0	241.2	223.1	210.4	201.7	200.7	198.3	205.7	214.4	226.1	245.2	254.2	257.2	258.0
MISC. FOOD PREPARATIONS			209	.97	139.1	138.6	142.1	146.1	150.3	147.8	149.8	144.6	146.0	142.1	141.6	137.6	141.5	144.9
FATS AND OILS			2091-4,6	.30	138.5	129.9	146.7	149.3	157.2	148.1	150.4	150.0	139.0	136.9	136.7	130.6	132.2	136.1
COFFEE, MISC. FOOD			2095,7-9	.67	139.3	142.6	140.0	144.7	147.2	147.7	149.5	142.2	149.1	144.5	143.9	140.7	145.9	
TOBACCO PRODUCTS			21	.67														
CIGARETTES			211	.54	120.8	126.9	131.0	124.9	97.4	127.2	118.8	136.3	119.2	121.9	131.7	104.8	114.0	112.8
CIGARS			212	.07	65.2	69.1	70.8	65.5	44.3	56.0	64.7	68.2	60.5	66.4	64.0	47.8	63.4	62.7
TEXTILE MILL PRODUCTS			22	2.69														
FABRICS			221-4	1.05	99.8	97.8	105.0	103.1	96.5	105.8	103.8	109.9	106.5	107.9	108.2	88.2	103.1	105.0
COTTON FABRICS			221,4	.60	73.4	71.7	75.9	75.1	68.6	76.2	74.5	80.1	74.0	76.7	77.4	63.7	74.8	76.7
MAN-MADE FABRICS			222	.30	172.1	172.1	188.0	182.8	173.2	187.0	181.0	189.4	188.4	189.5	190.2	158.5	186.4	189.0
WOOL FABRICS			223	.14	57.3	50.1	51.3	51.5	51.0	58.3	63.7	68.6	69.9	66.0	63.7	41.8	45.0	45.8
KNIT GOODS			225	.63	183.4	206.8	192.3	184.2	172.8	164.5	179.0	185.1	192.3	184.3	209.7	176.6	205.5	213.0
HOSIERY			2251,2	.21	189.6	204.7	193.0	191.9	191.2	183.6	206.5	221.1	230.5	189.7	232.0	177.6	205.1	233.8
KNIT GARMENTS			2253-9	.42	180.2	207.8	192.0	180.3	163.5	154.8	165.1	166.9	173.0	181.5	198.4	176.1	205.7	202.4
FABRIC FINISHING			226	.23	150.3	156.7	159.8	157.6	155.6	135.0	141.2	148.3	145.1	148.1	172.0	104.7	147.0	149.0
CARPETING			227	.20	184.1	204.1	210.0	190.7	182.6	171.3	180.0	204.2	219.1	215.1	221.6	206.6	202.8	234.3
YARN & MISC. TEXTILES			228,9	.57	134.7	131.9	142.7	135.3	123.6	136.4	137.2	146.4	137.4	143.9	154.3	123.4	146.6	141.0
APPAREL PRODUCTS			23	3.33														
MEN'S OUTERWEAR			231,2	1.06	124.1	143.9	141.4	119.4	106.1	106.7	131.4	142.8	132.4	117.0	133.3	94.3	117.8	134.5
MEN'S SUITS AND COATS			231	.34	106.3	125.0	113.8	106.3	89.3	96.4	105.5	119.0	110.1	95.6	109.3	69.8	92.4	98.3
MEN'S FURNISHINGS			232	.69	135.2	156.2	158.0	128.0	116.0	113.4	146.8	157.5	146.0	129.6	147.8	107.5	132.3	155.0
WOMEN'S OUTERWEAR			233	1.05	174.4	191.4	182.9	171.0	144.0	157.0	185.6	190.2	182.7	170.1	185.2	146.8	174.1	175.2
MISC. APP. & ALLIED GDS			234-9	1.20	108.4	120.9	113.2	107.8	104.8	100.6	105.8	103.2	99.9	103.5	109.3	104.6	114.9	113.9
LUMBER AND PRODUCTS			24	1.64														
LOGGING AND LUMBER			241,2	.82	113.1	123.2	121.9	112.4	112.3	99.9	112.4	115.8	114.7	112.5	123.5	116.1	120.4	124.5
LUMBER			242	.59	110.8	119.9	116.1	108.1	107.6	96.5	110.2	115.2	113.8	107.3	115.2	105.1	110.5	
LUMBER PRODUCTS			243,4,9	.82	159.5	158.8	165.5	161.8	156.0	158.3	164.0	161.8	165.6	162.5	160.2	146.8	159.7	159.8
MILLWORK AND PLYWOOD			243	.50	175.8	175.3	184.8	176.2	168.9	174.2	179.3	177.3	185.0	179.6	176.6	158.9	179.6	
PLYWD, PREFAB PROD			2432,3	.29	195.9	192.9	212.5	197.9	182.8	197.5	207.0	202.6	215.4	206.3	201.1	175.9	210.0	
FURNITURE AND FIXTURES			25	1.37														
HOUSEHOLD FURNITURE			251	.87	159.7	169.7	165.3	162.4	159.4									

Table 4—A (Continued)
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES
 Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1978	1978	1979											
		PRO- POR- TION	1978 AVG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.
PAPER AND PRODUCTS	26	3.21														
PULP AND PAPER	261-3	1.38	135.1	137.0	134.7	136.0	138.9	132.0	136.9	138.0	137.9	138.4	139.1	146.5	143.7	148.4
WOOD PULP	261	.50	128.4	135.9	127.5	130.5	132.3	125.7	132.4	132.9	129.6	135.7	136.1	139.9	139.1	143.2
PAPER	262	.54	136.9	132.6	135.5	136.2	140.1	131.8	138.1	139.3	141.9	138.1	140.0	150.1	146.8	153.1
PAPERBOARD	263	.34	142.2	145.6	143.8	143.7	146.9	141.7	141.6	143.4	144.0	142.9	142.2	150.3	145.9	148.8
CONVERTED PAPER PROD.	264	.93	156.1	151.0	159.0	158.3	160.5	149.3	160.7	161.3	163.9	157.7	159.5	171.6	168.6	171.5
SANITARY PAPER PROD.	2647	.18	133.1	124.2	130.9	130.5	135.2	125.2	142.3	140.7	140.1	144.1	142.0	148.7	146.0	144.5
PAPERBOARD CONTAINERS	265	.84	150.4	150.0	155.3	151.4	156.9	161.0	150.7	160.3	152.6	149.2	152.5	153.2	153.9	154.9
BUILDING PAPER AND BOARD	266	.06	116.4	118.2	105.0	120.4	122.0	124.7	111.4	114.9	114.3	116.6	114.4	118.9	114.9	118.1
PRINTING AND PUBLISHING	27	4.72														
NEWSPAPERS	271	1.38	106.9	104.2	103.2	110.4	109.4	107.9	111.0	111.9	110.2	110.7	112.3	111.3	113.7	112.0
PERIOD., BOOKS, CARDS	272, 3, 7	1.38	121.4	124.5	122.5	123.1	120.3	123.9	125.0	124.2	123.7	124.9	122.5	121.7	123.1	123.9
JOB PRINTING	274-6, 8, 9	1.96	155.9	157.7	159.5	159.5	161.5	164.7	166.3	165.6	163.2	163.7	164.1	160.4	164.2	165.1
CHEMICALS AND PRODUCTS	28	7.74														
CHEMICALS & SYN. MAT.	281, 2	3.79	216.7	221.5	222.6	226.6	228.7	230.3	232.0	227.7	230.7	233.8	229.2	234.4	235.8	233.6
BASIC CHEMICALS	281	2.54	181.9	186.5	185.2	188.4	190.3	190.7	189.9	187.1	189.5	190.8	189.7	190.2	191.5	191.2
ALKALIES & CHLORINE	2812	.14	119.7	118.7	117.4	124.5	128.7	120.2	126.3	123.0	130.6	130.4	132.8			
GASES, ETC.	2813, 5, 6	.48	186.0	195.6	187.3	192.5	200.9	196.8	197.2	188.8	194.6	198.3	193.0	189.7	196.9	
BASIC ORG. CHEM.	2818	1.18	221.2	224.5	224.1	227.7	231.7	233.5	228.6	226.2	227.9	228.6	231.5	233.1	235.2	234.7
INORG. CHEM. NEC	2819	.75	129.3	134.0	135.7	136.0	130.3	133.0	136.7	136.9	137.4	138.1	132.9	133.4	129.9	130.0
ACIDS & FERTILIZER MAT.		.55	133.6	134.1	137.0	136.9	136.5	137.5	139.6	138.5	137.1	138.2	139.2	142.3	138.4	139.6
SULFURIC ACID, ETC.		.41	128.7	129.8	131.7	132.8	130.3	132.7	135.4	133.0	131.8	133.3	132.6	137.9	133.5	133.9
FERTILIZER MATERIALS		.14	147.8	146.5	152.5	148.7	154.5	151.5	151.9	154.5	152.3	152.7	158.5	155.1	152.5	155.9
ERDA NUCLEAR MATLS		.15	121.0	142.5	140.3	142.4	115.2	124.7	135.4	139.9	147.8	146.7	117.4	108.4	105.4	102.3
SYNTHETIC MATERIALS	282	1.25	287.6	292.9	298.8	304.3	306.9	311.0	317.6	310.3	314.6	321.3	309.5	324.6	326.1	320.0
PLASTICS MATERIALS	2821	.54	366.5	376.6	381.2	389.2	403.3	393.2	403.7	410.6	410.8	414.3	410.1	423.9	433.5	
SYNTHETIC RUBBER	2822	.13	127.5	130.0	127.9	131.7	132.9	127.9	127.3	136.8	126.7	134.6	137.2	133.8	127.7	
MAN-MADE FIBERS	2823, 4	.58	250.9	252.4	261.5	265.1	257.1	276.5	281.2	256.9	268.2	277.6	255.5	276.0	271.9	260.4
CHEMICAL PRODUCTS	283-7, 9	3.95	179.0	182.4	183.5	182.3	186.0	184.3	185.6	185.9	184.9	188.5	188.2	189.3	191.6	192.5
DRUGS AND MEDICINES	283	1.34	220.6	222.2	225.7	223.8	226.5	227.7	231.6	234.5	232.8	240.5	237.9	240.5	243.0	243.7
SOAP AND TOILETRIES	284	1.29	163.8	169.1	169.7	167.3	167.5	173.2	173.5	171.4	169.2	171.3	172.1	169.7	172.4	173.3
PAINTS	285	.43	132.6	138.7	133.7	134.7	157.6	120.4	115.8	113.5	116.1	119.4	122.1	127.5	130.6	134.5
AGRICULTURAL CHEMICALS	287	.33	211.8	214.5	215.7	216.2	216.3	216.7	218.3	221.3	219.5	220.6	221.3	220.4	222.2	223.2
PETROLEUM PRODUCTS	29	1.79														
PETROLEUM REFINING	291, 9	1.64	144.6	147.8	147.2	150.4	150.6	145.6	142.7	143.3	145.4	143.0	143.1	142.4	142.1	142.2
AUTOMOTIVE GASOLINE		.84	145.2	148.1	149.3	152.8	154.4	149.5	146.0	140.0	141.5	138.0	138.3	137.7	135.4	135.2
DISTILLATE FUEL OIL		.29	143.0	144.9	146.8	147.1	148.2	130.1	125.3	140.9	146.0	146.5	144.9	149.4	151.0	151.0
RESIDUAL FUEL OIL		.05	221.7	227.7	225.2	227.3	214.6	221.9	214.0	222.8	229.1	219.6	222.3	215.4	217.9	222.3
AVIATION FUEL & KEROS.		.17	99.3	96.7	95.3	97.9	99.1	104.9	106.4	107.4	108.1	106.7	103.0	100.5	101.7	97.0
MISC. PETROLEUM PROD.		.28	158.9	167.4	159.7	166.5	162.4	162.0	160.7							
REFINERY FUEL NEC		.06	141.7	142.6	142.9	151.1	151.4	146.9	140.2							
REFINERY NONFUEL MAT.		.14	183.2	196.0	179.0	186.1	177.0	185.2	185.7							
REFINERY PRODUCTS NEC		.08	127.2	133.5	136.9	142.2	143.9	130.9	130.4							
RUBBER & PLASTICS PROD.	30	2.24														
TIRES	301	.60	164.5	174.4	171.8	160.2	170.8	163.2	166.7	177.0	164.3	176.4	156.2	196.9	166.2	163.1
RUB. PROD. EX. TIRES	302, 3, 6	.66	151.7	153.9	153.4	152.2	153.8	157.7	159.6	158.4	151.8	154.9	154.9	157.0	154.1	151.5
PLASTICS PRODUCTS NEC	307	.98	377.2	384.7	390.6	392.0	398.6	407.3	404.0	406.4	399.8	411.9	410.9	424.4	420.8	420.2
LEATHER AND PRODUCTS	31	.86														
PERS. LEATHER GDS.	313, 5-7, 9	.22	96.3	97.5	96.9	97.2	98.0	100.4	95.6	94.7	94.9	95.8	96.1	95.1	96.6	97.5
SHOES	314	.53	64.8	63.4	62.8	64.4	64.7	66.0	64.9	65.2	60.4	65.9	60.3	58.5	59.9	61.0
CLAY, GLASS, & ST. PROD.	32	2.74														
PRESSED AND BLOWN GLASS	322	.49	159.6	161.5	161.3	160.9	160.0	165.2	167.2	163.9	163.0	163.9	162.3	164.4	161.5	158.3
GLASS CONTAINERS	3221	.28	145.9	146.1	146.9	145.7	141.2	143.7	148.1	149.0	147.9	149.2	145.2	143.3	140.1	135.1
CEMENT	324	.27	120.8	122.9	127.5	125.9	138.2	96.7	96.1	120.1	116.0	120.8	124.1	122.1	121.6	
STRUCTURAL CLAY PRODUCTS	325	.20	123.8	122.9	126.2	124.6	129.0	135.4	134.0	131.6	126.7	126.8	121.9	124.6	122.6	119.9
BRICK	3251	.08	126.9	123.5	129.1	126.5	132.8	147.2	136.2	128.5	128.1	129.2	118.4	122.2	118.0	111.5
CONCRETE, MISC. CLAY MFR.	326-9	1.51	158.2	160.4	162.1	163.4	164.6	170.0	169.3	167.5	163.6	167.4	167.0	166.4	167.2	166.7
PRIMARY METALS	33	6.57														
IRON AND STEEL	331, 2	4.21														
BASIC STEEL & MILL PRD	331	3.34	113.5	122.3	123.3	126.8	132.0	113.4	111.8	119.0	117.7	112.5	119.0	118.1	112.9	116.9
BASIC IRON AND STEEL		1.34	104.8	110.4	113.8	116.6	118.3	106.9	105.9	108.9	105.9	108.3	108.9	109.5	106.2	102.3
PIG IRON		.46	100.0	105.2	108.7	112.5	112.9	102.2	98.5	103.9	99.9	102.8	102.7	102.4	99.5	96.3
RAW STEEL		.72	114.5	119.6	123.8	126.8	128.9	114.7	115.6	117.2	115.2	117.6	119.8	120.9	115.8	111.6
COKE AND PRODUCTS		.16	74.7	83.5	83.1	82.8	85.4	85.1	83.6	85.6	80.8	82.2	77.4	78.5	82.4	77.5
STEEL MILL PRODUCTS		2.01	119.4	130.2	129.6	133.6	141.1	117.8	115.6	125.7	125.5	115.3	125.8	123.8	117.4	126.5
CONSUMER DUR. STEEL		.31	127.2	142.8	145.1	143.9	154.2	123.8	118.4	129.8	115.7	116.8	123.7	111.1	96.1	96.1
EQUIPMENT STEEL		.51	129.2	140.6	137.1	141.1	143.2	117.8	119.4	127.6	135.6	116.8	137.3	135.2	130.4	138.4
CONSTRUCTION STEEL		.41	78.1	81.7	84.0	90.1	97.2	83.0	77.5	81.3	83.9	76.5	77.5	76.7	78.0	88.9
CAN & CLOSURE STEEL		.13	87.2	104.4	91.2	93.7	106.7	70.4	69.7	107.4	91.4	78.4	83.8	81.1	85.5	103.5
MISC. STEEL		.65	140.3	151.8	152.5	158.3	167.6	146.6	144.7	153.6	155.5	145.3	156.6	159.3	148.8	160.2
IRON & STEEL FOUNDRIES	332	.87	111.9	115.7	119.3	118.2	121.9	108.3	111.8	119.6	109.8	109.2	110.6	109.0	104.9	109.2

Table 4—B (Continued)
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not Seasonally Adjusted, 1967 = 100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1978	1978	1979											
		PRO- TION	POR- AVG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.
PAPER AND PRODUCTS	261	3.21														
PULP AND PAPER	261-3	1.38	135.1	130.7	137.5	136.0	122.9	131.0	142.1	143.9	144.7	143.3	145.1	135.4	145.5	141.5
WOOD PULP	2611	.50	128.4	128.6	130.0	131.1	116.4	125.3	135.6	138.2	135.8	140.2	143.3	131.3	141.0	135.5
PAPER	2621	.54	136.9	126.4	138.1	135.4	127.0	132.1	145.4	144.9	148.8	143.2	143.4	137.3	147.1	145.9
PAPERBOARD	2631	.34	142.2	140.3	147.6	144.1	126.1	137.5	146.4	150.9	151.3	147.9	150.3	138.5	149.7	143.3
CONVERTED PAPER PROD.	2641	.93	156.1	145.8	161.1	158.1	148.3	150.0	167.7	167.5	170.0	163.2	164.0	157.1	167.2	165.5
SANITARY PAPER PROD.	2647	.18	133.1	119.0	136.0	131.0	128.0	127.0	145.4	143.1	147.2	143.7	143.4	139.2	146.4	138.4
PAPERBOARD CONTAINERS	2651	.84	150.4	154.1	166.3	149.8	140.0	146.9	155.5	164.4	157.6	153.4	157.4	144.0	156.2	159.2
BUILDING PAPER AND BOARD	2661	.06	116.4	115.1	108.9	119.8	105.5	110.3	114.9	121.4	121.6	122.8	119.4	111.0	122.0	115.0
PRINTING AND PUBLISHING	271	4.72														
NEWSPAPERS	2711	1.38	106.9	103.9	109.7	120.9	111.9	99.0	107.5	112.2	114.9	115.5	113.0	100.6	106.3	111.8
PERIOD., BOOKS, CARDS	272, 3, 7	1.38	121.4	138.2	126.2	120.5	113.0	113.1	117.6	117.7	118.0	120.0	126.3	130.6	137.7	137.5
JOB PRINTING	274-6, 8, 9	1.96	155.9	179.9	167.3	155.7	148.9	146.4	151.0	150.7	150.3	157.8	173.3	178.7	188.5	188.4
CHEMICALS AND PRODUCTS	281	7.74														
CHEMICALS & SYN. MAT.	281, 2	3.79	216.7	223.7	223.1	227.3	224.1	219.8	230.2	233.0	238.1	237.4	234.9	227.6	233.4	236.0
BASIC CHEMICALS	2811	2.54	181.9	188.5	187.7	190.0	191.2	183.5	184.3	188.3	194.1	192.0	191.1	187.2	191.4	193.3
ALKALIES & CHLORINE	2812	.14	119.7	118.6	118.9	125.4	126.9	111.6	128.6	123.6	135.8	132.2	134.8			
GASES, ETC.	2813, 5, 6	.48	186.0	193.7	182.1	189.1	200.2	182.8	193.6	194.7	208.0	205.0	201.7	187.6	192.6	
BASIC ORG. CHEM.	2818	1.18	221.2	230.1	228.8	230.9	231.2	228.8	219.7	223.7	227.4	226.8	232.0	233.3	238.7	240.6
INORG. CHEM. NEC	2819	.75	129.3	133.0	139.8	138.7	134.8	126.5	133.6	140.7	144.1	140.4	131.0	124.7	127.2	129.1
ACIDS & FERTILIZER MAT.		.55	133.6	133.5	137.9	138.2	138.8	128.8	141.4	143.1	145.8	139.6	138.8	132.3	136.3	138.8
SULFURIC ACID, ETC.		.41	128.7	130.6	132.6	134.0	132.8	125.1	138.5	136.3	138.4	132.2	132.7	128.0	132.3	134.7
FERTILIZER MATERIALS		.14	147.8	141.7	153.1	150.2	156.2	139.4	149.9	162.8	167.4	161.2	156.6	144.9	147.8	150.8
ERDA NUCLEAR MATLS		.15	121.0	139.5	157.6	150.7	128.7	124.3	113.2	142.4	149.0	153.5	109.5	101.9	100.0	100.2
SYNTHETIC MATERIALS	2821	1.25	287.6	295.6	295.0	303.1	291.3	293.6	323.6	324.0	327.8	329.8	324.0	309.8	318.9	323.0
PLASTICS MATERIALS	2821	.54	366.5	382.6	383.2	382.6	375.5	360.4	404.0	430.9	433.3	430.0	432.2	408.4	426.3	
SYNTHETIC RUBBER	2822	.13	127.5	129.8	128.6	132.8	132.7	126.0	134.7	140.6	135.7	135.3	131.9	122.9	122.8	
MAN-MADE FIBERS	2823, 4	.58	250.9	252.7	251.2	268.3	249.4	270.0	292.3	266.8	273.9	281.3	267.4	261.1	264.0	260.7
CHEMICAL PRODUCTS	283-7, 9	3.95	179.0	192.4	189.4	181.5	174.7	172.1	176.5	180.4	181.6	187.8	197.8	197.7	199.5	203.3
DRUGS AND MEDICINES	2831	1.34	220.6	242.4	236.3	223.4	209.3	207.4	214.2	219.0	223.7	235.7	256.7	260.5	259.3	265.9
SOAP AND TOILETRIES	2841	1.29	163.8	179.8	177.5	168.6	161.6	164.4	167.8	168.3	163.6	167.4	173.5	175.0	178.1	184.2
PAINTS	2851	.43	132.6	135.5	128.5	122.5	122.9	101.2	113.7	119.1	126.6	134.3	144.8	133.0	137.8	131.3
AGRICULTURAL CHEMICALS	2871	.33	211.8	209.1	215.9	215.6	217.6	214.3	213.5	227.7	228.7	227.4	221.3	214.0	217.8	217.6
PETROLEUM PRODUCTS	291	1.79														
PETROLEUM REFINING	291, 9	1.64	144.6	150.1	146.1	151.9	153.3	143.8	139.9	138.7	140.2	140.6	145.4	145.8	146.3	144.2
AUTOMOTIVE GASOLINE		.84	145.2	149.9	145.4	153.7	158.7	147.4	140.6	134.8	136.7	136.9	142.7	143.1	140.7	136.8
DISTILLATE FUEL OIL		.29	143.0	143.9	149.1	152.1	153.8	136.3	129.9	137.2	135.9	138.7	142.6	147.5	151.9	149.9
RESIDUAL FUEL OIL		.05	221.7	217.9	208.3	221.2	234.3	252.3	237.1	229.5	222.0	209.9	209.0	202.9	206.1	212.7
AVIATION FUEL & KEROS.		.17	99.3	100.7	95.5	98.0	100.1	103.2	109.5	108.0	106.0	102.3	101.0	99.2	103.0	101.0
MISC. PETROLEUM PROD.		.28	158.9	175.7	165.4	167.3	155.3	146.6	149.6							
REFINERY FUEL NEC		.06	141.7	145.0	139.5	147.3	147.9	141.6	137.0							
REFINERY NONFUEL MAT.		.14	183.2	193.6	179.5	191.2	182.5	181.3	188.0							
REFINERY PRODUCTS NEC		.08	127.2	165.4	158.5	138.6	111.7	87.6	89.3							
RUBBER & PLASTICS PROD.	301	2.24														
TIRES	3011	.60	164.5	171.4	183.3	164.7	171.6	181.2	198.4	197.8	176.4	163.6	147.5	130.9	147.3	161.1
RUB. PROD. EX. TIRES	302, 3, 6	.66	151.7	156.7	155.8	154.9	155.4	153.3	161.9	159.7	152.6	153.5	157.1	147.1	153.3	154.2
PLASTICS PRODUCTS NEC	3071	.98	377.2	393.1	397.3	402.3	385.7	376.2	411.7	415.1	405.4	416.7	420.4	402.0	422.9	429.3
LEATHER AND PRODUCTS	311	.86														
PERS. LEATHER GDS.	313, 5-7, 9	.22	96.3	99.0	100.8	101.8	97.8	93.5	94.0	95.0	92.2	96.1	100.1	89.5	98.6	99.0
SHOES	3141	.53	64.8	65.5	66.3	62.0	58.5	63.4	69.2	69.5	63.4	66.6	63.2	47.9	61.2	63.0
CLAY, GLASS, & ST. PROD.	321	2.74														
PRESSED AND BLOWN GLASS	3221	.49	159.6	160.1	169.5	158.5	141.9	155.1	164.7	167.2	165.1	166.9	170.1	163.3	169.7	158.1
GLASS CONTAINERS	32211	.28	145.9	142.2	157.9	139.6	112.7	137.4	151.8	153.8	150.1	151.6	155.4	143.6	150.9	131.5
CEMENT	3241	.27	120.8	145.9	155.1	121.2	94.6	51.1	65.3	101.7	119.7	137.1	157.5	144.9	154.7	
STRUCTURAL CLAY PRODUCTS	3251	.20	123.8	126.6	129.7	128.1	125.7	123.8	123.8	126.7	127.0	129.7	128.4	124.3	128.4	123.2
BRICK	32511	.08	126.9	132.1	135.9	130.4	120.8	115.6	114.3	123.0	130.1	137.1	131.9	126.4	133.2	119.3
CONCRETE, MISC. CLAY MFR.	326-9	1.51	158.2	163.7	167.3	169.0	163.0	161.0	162.2	163.1	164.3	167.9	171.1	165.7	169.5	170.1
PRIMARY METALS	331	6.57														
IRON AND STEEL	331, 2	4.21														
BASIC STEEL & MILL PRD	3311	3.34	113.5	117.7	119.8	116.6	120.5	107.2	112.6	122.2	129.1	124.5	127.6	118.2	109.6	112.3
BASIC IRON AND STEEL		1.34	104.8	108.1	110.2	109.8	108.1	102.0	106.5	114.5	113.6	116.0	116.2	108.1	104.3	100.2
PIG IRON		.46	100.0	102.6	104.9	104.6	103.0	94.9	98.7	106.8	107.2	111.2	111.4	104.8	98.7	93.9
RAW STEEL		.72	114.5	117.2	119.5	118.9	116.3	111.0	117.1	126.0	124.5	126.2	127.0	116.4	113.1	109.4
COKE AND PRODUCTS		.16	74.7	82.5	82.9	83.8	85.3	81.2	81.1	84.9	82.7	83.8	81.5	80.0	80.5	76.6
STEEL MILL PRODUCTS		2.01	119.4	124.0	126.2	121.0	128.8	110.6	116.6	127.3	139.5	130.2	135.1	125.0	113.2	120.4
CONSUMER DUR. STEEL		.31	127.2	138.2	144.5	135.3	127.6	123.4	128.0	131.4	127.6	135.1	127.1	108.0	89.0	93.0
EQUIPMENT STEEL		.51	129.2	134.4	135.6	129.5	134.9	112.9	122.4	132.6	150.9	130.2	141.6	130.5	123.9	132.3
CONSTRUCTION STEEL		.41	78.1	79.5	81.9	80.1	89.0	66.8	72.9	78.4	95.0	86.3	89.1	85.4	78.8	86.5
CAN & CLOSURE STEEL		.13	87.2	94.8	82.0	74.2	97.4	84.0	75.1	109.0	89.5	82.0	91.8	89.1	83.8	94.0
MISC. STEEL		.65	140.3	143.0	146.9	142.8	155.9	135.6	142.4	155.6	174.3	165.3	171.6	161.1	144.0	150.9
IRON & STEEL FOUNDRIES	332	.87	111.9	115.8	124.2	113.4	10									

Table 4—A (Continued)

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967 PRO- POR- TION	1978 AVG.	1979												
				SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.
NONFERROUS METALS	333-6,9	2.36	131.9	138.0	138.9	141.3	144.8	140.9	138.8	137.7	131.4	132.6	135.6	146.2	138.0	133.3
PRIMARY NONF. METALS	333	.45	131.3	138.0	137.2	136.0	130.9	131.9	137.6	140.7	135.0	139.9	142.0	148.0	144.1	143.2
COPPER	3331	.09	135.8	155.4	152.0	150.2	127.0	133.9	142.3	140.4	130.8	140.3	149.2	170.4	161.2	154.4
ALUMINUM	3334	.27	147.0	149.5	148.4	147.0	147.6	148.3	151.1	153.8	150.7	153.4	154.0	156.0	157.1	156.9
SECONDARY NONF. METALS	334	.09	159.7	167.0	170.9	173.2	177.8	164.8	169.3	172.8	175.2	165.6	168.4	174.1	157.7	
NONFERROUS PRODUCTS	335,6	1.45	138.1	145.6	146.5	150.7	156.9	151.2	145.4	142.7	134.3	135.9	140.2	152.0	144.4	137.3
NONFERROUS MILL PROD	335	1.09	149.9	158.4	159.9	166.0	172.4	166.7	158.5	153.2	144.2	147.6	150.6	168.6	159.4	149.6
COPPER MILL PROD		.48	121.6	140.7	129.0	140.6	153.8	139.5	137.5	116.0	118.3	126.8	139.2	156.2	145.3	132.1
ALUMINUM MILL PROD		.61	172.0	172.2	184.2	185.8	187.0	188.1	175.0	182.3	164.6	164.0	159.5	178.4	170.5	163.4
CONSTRUCTION		.13	199.5	200.6	215.9	216.7	214.1	222.2	208.3	199.0	190.6	183.1	171.0	195.3	181.1	170.3
NONCONSTRUCTION		.48	164.6	164.5	175.6	177.4	179.6	178.9	165.9	177.8	157.5	158.8	156.3	173.8	167.7	161.5
NONFERROUS FOUNDRIES	336	.35	101.3	105.9	104.6	103.2	108.7	102.8	104.7	109.9	103.3	99.4	107.9	100.1	97.3	98.8
FABRICATED METAL PRODUCTS	34	5.93														
METAL CANS	341	.38	142.6	143.2	144.6	145.2	144.1	146.3	142.0	144.5	143.2	141.0	137.9	136.0	135.7	136.6
HOME, PLUMB, STRUCT. MET	342-4	2.67	148.2	149.8	149.9	150.3	153.0	156.7	158.2	156.9	157.1	158.0	157.6	157.8	154.6	154.4
HARDWARE, TOOLS, CUTL	342	.76	135.1	135.7	136.5	137.2	138.1	137.8	140.2	138.2	137.8	137.8	139.8	137.4	136.1	136.3
STRUCTURAL METAL PROD	344	1.62	156.0	157.9	157.5	157.8	161.6	166.9	168.7	167.4	168.4	168.8	167.9	169.2	164.7	164.9
OTHER FAB. MET. PROD.	345-9	2.89	135.4	138.7	140.2	140.3	141.8	144.0	145.1	143.8	142.1	144.8	143.6	143.2	143.3	141.1
FASTENERS, STAMP. ETC	345-8	2.03	127.7	130.5	131.1	131.7	132.4	134.2	135.0	133.2	130.5	133.4	132.0	131.5	131.4	129.1
NONELECTRICAL MACHINERY	35	9.15														
ENGINE AND FARM EQUIP.	351,2	1.20	165.9	169.2	169.0	171.4	174.9	171.8	176.2	179.2	175.6	179.9	181.7	185.8	173.6	176.6
FARM TRACTORS		.19	91.0	99.5	88.8	88.4	100.0	94.6	106.7	121.3	110.6	114.1	106.2	131.5	97.2	119.4
CONSTRUCTION & ALLIED EQ	353	1.36	147.8	148.1	149.9	150.6	151.3	156.5	160.6	162.0	160.1	159.3	161.8	159.1	157.3	158.2
TRACKLAYING TRACTORS		.16	110.3	115.0	124.7	116.5	122.2	102.0	109.2	116.8	117.0	114.4	118.1	116.4	103.1	127.8
METALWORKING MACHINERY	354	1.67	115.2	117.6	119.3	118.3	118.4	121.9	125.5	128.3	123.0	127.0	124.6	127.0	128.9	126.4
SPEC. & GENL. IND. EQ	355,6	2.30	122.1	123.0	124.0	124.3	125.5	129.5	130.8	130.9	127.0	127.7	128.3	128.2	128.4	126.9
OFFICE, SERV. & MISC.	357-9	2.63	202.9	208.2	210.3	209.9	209.4	214.0	212.0	215.9	211.5	215.3	214.3	213.4	220.2	218.4
ELECTRICAL MACHINERY	36	8.05														
MAJOR ELECT. EQ. & PTS.	361,2	1.74	135.1	140.2	141.0	141.8	142.9	147.5	149.1	150.6	145.5	150.6	148.9	143.3	143.4	145.7
HOUSEHOLD APPLIANCES	363	.83	151.6	153.1	148.7	143.8	144.6	139.8	153.9	146.4	136.6	148.2	148.4	147.3	144.4	167.3
COOKING STOVES	3631	.08	146.8	150.9	145.3	126.7	135.1	126.6	138.6	139.3	128.9	122.1	137.7	134.7	136.8	149.8
REFRIGERATION APPL.	3632	.26	129.1	130.7	128.3	117.1	115.3	105.0	132.0	128.9	110.6	123.5	126.8	136.7	107.0	160.5
LAUNDRY APPLIANCES	3633	.13	135.4	130.1	124.9	117.7	128.2	137.6	150.3	138.4	108.9	131.2	133.7	116.6	121.0	154.4
MISC. APPLIANCES	3634-6,9	.36	175.3	178.6	173.4	177.2	174.4	169.2	174.9	164.0	168.0	178.7	172.2	169.7	182.4	181.2
TV AND RADIO SETS	365	.52	109.9	113.0	107.3	101.5	116.1	102.4	107.6	107.7	91.4	94.8	105.5	111.3	83.7	82.2
COMMUNICATION EQUIPMENT	366	2.30	131.0	135.5	135.6	138.7	141.0	144.0	143.2	146.1	148.0	147.2	147.1	149.9	146.5	147.5
ELECTRONIC COMPONENTS	367	1.43	246.9	249.1	256.6	265.7	272.3	281.8	287.9	290.9	288.4	290.7	295.7	296.4	293.7	294.6
TV TUBES	3671-3	.31	39.5	33.4	44.6	46.1	37.6	41.9	41.0	35.5	33.6	38.7	36.2	39.8	39.8	27.7
MISC. ELECTRICAL SUPP.	369	.49	187.5	189.5	191.5	188.9	195.5	197.1	193.4	199.4	187.9	187.8	191.0	182.6	176.6	178.8
STORAGE BATTERY, REPL.	3691	.09	227.2	232.3	235.6	228.2	240.6	216.5	219.1	239.0	224.4	214.1	240.7	217.9	221.4	213.9
TRANSPORTATION EQUIPMENT	37	9.27														
MOTOR VEHICLES AND PARTS	371	4.50														
AUTOS, TOTAL		1.90	148.6	144.2	154.7	159.7	151.9	145.8	144.9	153.8	128.6	153.1	148.0	141.8	118.5	128.0
LARGE AUTOS		1.79	100.4	93.2	105.3	111.7	105.6	100.5	97.3	103.5	84.2	96.0	89.3	76.6	55.6	71.5
SMALL AUTOS		.11	939.8	983.4	967.0	949.5	912.3	890.5	927.5	980.9	859.7	1091.7	1111.8	1214.5	1152.4	1057.5
TRUCKS AND BUSES		.53	247.8	250.9	268.9	267.2	282.9	268.9	252.9	271.0	210.4	269.0	239.1	198.5	133.7	177.0
BUSINESS VEHICLES		.40	157.7	154.0	171.6	172.9	185.7	169.0	158.2	181.3	141.2	188.2	169.7	146.8	104.6	
UTILITY VEHICLES		.13	517.5	541.1	559.9	549.4	573.7	567.9	536.1	539.4	417.3	510.7	447.6	353.4	220.6	
TRUCK TRAILERS		.09	240.0	238.1	254.3	260.2	296.9	247.4	232.7	263.5	240.1	279.8	260.3	247.7	266.4	273.0
MOTOR VEHICLE PARTS		1.98	166.5	172.4	174.9	177.0	179.2	181.3	176.3	176.5	164.0	169.2	167.7	163.6	153.6	160.2
AIRCRAFT AND PARTS	372	3.73	84.2	89.1	90.6	91.9	93.8	94.9	96.7	97.5	97.4	97.6	98.7	100.7	99.4	101.1
SHIPS AND BOATS	373	.56	149.9	155.2	150.6	147.5	151.5	152.2	143.5	144.6	139.0	145.9	144.6	146.2	157.9	152.6
RAIL & MISC. TRANS. EQ	374,5,9	.49	135.7	136.0	142.0	149.5	147.3	149.6	151.5	150.6	153.4	160.7	168.8	169.2	161.0	175.5
RAILROAD EQUIPMENT	374	.26	117.9	117.0	129.6	136.4	132.2	137.6	146.9	142.6	150.1	156.8	171.0	172.9	151.7	177.6
MOBILE HOMES	379	.18	121.8	122.0	120.5	129.5	129.7	128.1	121.7	122.0	119.3	127.8	124.9	121.6	130.7	
INSTRUMENTS	38	2.11														
EQUIPMENT INSTR. & PTS.	381-4	1.07	173.3	177.1	176.4	178.2	181.3	183.5	185.0	185.8	184.7	185.5	185.9	183.2	183.0	186.4
CONSUMER INSTR. PROD.	385-7	1.04	160.6	163.2	163.8	163.9	163.6	167.8	167.9	169.2	167.5	163.7	164.8	163.8	163.9	159.9
MISC. MANUFACTURES	39	1.51														
MISC. CONS. GOODS	391,3,4,6	.86	153.0	152.7	153.6	152.3	153.3	151.8	155.2	156.1	153.1	151.3	154.6	159.8	160.8	159.3
MISC. BUS. SUPPLIES	395,9	.65	148.4	149.9	149.8	149.8	150.4	151.5	152.5	153.5	148.9	150.1	150.5	149.9	149.1	149.7
ELECTRIC UTILITIES	398	3.88														
ELEC UTIL GENERATION		1.90	178.9	181.9	181.4	182.4	184.8	184.7	186.5	184.3	183.5	179.9	178.2	181.9	179.4	
FOSSIL FUEL GENERATION		1.54	163.6	166.3	165.6	166.2	169.0	170.8	172.0	170.4	170.5	170.0	169.6	171.6	167.4	
HYDRO & NUCLEAR GENERAT.		.36	244.6	249.1	249.4	251.9	252.7	244.3	2							

Table 4—B (Continued)

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not Seasonally Adjusted, 1967=100

NOT SEASONALLY ADJUSTED, 1967-1999																	
INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES		SIC CODE	1967 PRO- POR- TION	1978 AVG.	1978 SEP.	1978 OCT.	1978 NOV.	1978 DEC.	1979 JAN.	1979 FEB.	1979 MAR.	1979 APR.	1979 MAY	1979 JUNE	1979 JULY	1979 AUG.	1979 SEP.
NONFERROUS METALS		333-6,9	2.36	131.9	136.2	138.6	136.4	135.4	137.4	143.9	147.7	141.1	141.3	141.9	126.8	131.1	131.6
PRIMARY NONF. METALS		333	.45	131.3	135.2	139.7	139.3	133.7	135.0	140.3	141.7	138.0	141.5	139.3	136.1	138.2	140.3
COPPER		3331	.09	135.8	150.5	155.6	156.4	128.1	134.2	148.8	151.1	143.7	151.8	146.7	130.0	144.7	149.5
ALUMINUM		3334	.27	147.0	148.6	149.7	150.2	150.7	150.7	151.3	151.0	149.5	152.5	152.8	154.3	154.9	156.0
SECONDARY NONF. METALS		334	.09	159.7	165.6	175.7	176.1	162.6	157.9	182.3	184.4	185.1	169.9	177.7	144.3	154.9	
NONFERROUS PRODUCTS		335,6	1.45	138.1	143.0	144.4	140.6	141.6	145.4	151.3	157.0	148.6	148.7	149.8	131.2	136.2	134.8
NONFERROUS MILL PROD		335	1.09	149.9	155.1	155.7	153.2	155.8	158.4	162.8	169.3	161.4	163.2	161.3	147.6	150.7	146.6
COPPER MILL PROD			.48	121.6	134.9	125.6	131.0	139.3	135.2	140.5	139.7	140.3	144.8	144.8	122.6	127.6	126.7
ALUMINUM MILL PROD			.61	172.0	170.9	179.3	170.6	168.7	176.6	180.3	192.5	178.0	177.6	174.2	167.2	168.8	162.1
CONSTRUCTION			.13	199.5	200.2	214.8	200.9	180.4	199.4	208.1	211.0	206.7	198.6	190.5	185.3	189.2	170.0
NONCONSTRUCTION			.48	164.6	163.0	169.7	162.4	165.5	170.4	172.7	187.5	170.2	171.9	169.8	162.3	163.2	160.0
NONFERROUS FOUNDRIES		336	.35	101.3	105.1	109.0	101.3	97.3	105.0	115.4	118.5	108.5	103.5	114.1	79.9	91.2	98.0
FABRICATED METAL PRODUCTS		34	5.93														
METAL CANS		341	.38	142.6	150.6	145.9	139.7	133.3	137.4	139.6	141.3	139.8	140.3	143.0	145.4	145.9	143.7
HOME PLUMB, STRUCT. MET		342-4	2.67	148.2	151.7	152.8	153.5	153.4	153.2	161.3	159.3	156.1	156.4	157.6	151.6	152.4	156.3
HARDWARE, TOOLS, CUTL		342	.76	135.1	138.9	140.8	139.6	135.7	134.0	142.6	140.7	138.0	137.4	140.1	132.6	132.1	139.5
STRUCTURAL METAL PROD		344	1.62	156.0	158.5	159.6	161.4	164.0	163.9	171.6	169.7	166.7	166.9	167.9	162.1	164.0	165.5
OTHER FAB. MET. PROD.		345-9	2.89	135.4	140.7	142.3	142.0	140.0	137.9	147.3	146.6	142.8	145.5	146.4	138.1	141.0	143.1
FASTENERS, STAMP. ETC		345-8	2.03	127.7	132.6	133.8	133.7	130.6	127.6	137.0	135.7	131.4	134.2	134.9	126.2	128.9	131.2
NONELECTRICAL MACHINERY		35	9.15														
ENGINE AND FARM EQUIP.		351,2	1.20	165.9	174.0	171.6	169.6	175.8	172.3	182.4	185.5	177.4	177.8	185.0	171.3	164.1	181.8
FARM TRACTORS			.19	91.0	103.5	96.8	76.0	84.8	101.7	123.0	138.2	126.5	120.9	121.1	86.0	77.4	124.2
CONSTRUCTION & ALLIED EQ		353	1.36	147.8	154.5	154.0	154.2	153.2	149.8	162.3	160.5	158.6	156.6	163.5	154.1	153.6	164.9
TRACKLAYING TRACTORS			.16	110.3	118.4	128.8	108.7	114.5	100.6	123.9	125.5	126.3	118.4	127.2	97.9	86.5	131.6
METALWORKING MACHINERY		354	1.67	115.2	121.8	122.2	118.2	115.6	118.4	127.0	128.6	123.0	124.3	126.3	125.2	128.8	130.9
SPEC. & GENL IND EQ		355,6	2.30	122.1	127.6	125.3	125.8	123.6	125.5	131.2	130.2	126.2	127.0	131.1	125.6	127.9	131.6
OFFICE, SERV. & MISC.		357-9	2.63	202.9	220.0	215.8	208.3	196.9	199.5	207.9	207.8	206.8	211.9	223.1	225.8	229.8	231.5
ELECTRICAL MACHINERY		36	8.05														
MAJOR ELECT. EQ. & PTS.		361,2	1.74	135.1	145.1	146.6	140.0	137.3	141.2	145.5	149.0	145.9	150.9	153.7	145.1	144.0	150.8
HOUSEHOLD APPLIANCES		363	.83	151.6	156.0	161.3	138.0	118.7	136.6	162.0	154.9	145.5	153.8	157.2	136.6	136.8	170.3
COOKING STOVES		3631	.08	146.8	151.3	160.2	118.5	110.8	123.7	146.4	144.1	139.0	133.7	152.0	109.7	133.5	150.3
REFRIGERATION APPL.		3632	.26	129.1	124.1	130.4	100.7	79.2	108.9	140.6	144.8	127.7	142.3	152.0	145.5	75.4	153.4
LAUNDRY APPLIANCES		3633	.13	135.4	132.6	140.4	103.1	94.6	128.7	155.3	149.6	119.7	142.5	136.9	93.9	141.1	157.4
MISC. APPLIANCES		3634-6,9	.36	175.3	189.3	192.0	183.0	158.5	162.9	183.8	166.8	169.8	171.2	169.9	152.5	180.9	192.1
TV AND RADIO SETS		365	.52	109.9	129.1	123.9	107.8	100.6	95.9	106.1	106.4	87.6	99.1	104.2	86.7	89.7	93.9
COMMUNICATION EQUIPMENT		366	2.30	131.0	136.1	136.7	142.0	146.2	143.5	143.2	146.0	144.5	145.3	147.4	145.5	145.4	148.1
ELECTRONIC COMPONENTS		367	1.43	246.9	254.1	263.1	272.1	277.0	277.2	282.5	285.1	282.3	289.0	300.8	286.3	297.0	300.1
TV TUBES		3671-3	.31	39.5	38.9	51.7	44.8	27.7	40.6	40.5	36.1	35.4	42.7	35.9	30.2	43.1	32.3
MISC. ELECTRICAL SUPP.		369	.49	187.5	203.9	204.8	201.3	211.4	196.7	190.7	188.3	176.5	176.7	183.3	171.5	176.9	192.2
STORAGE BATTERY, REPL.		3691	.09	227.2	295.1	304.4	269.4	288.9	243.6	222.5	194.0	166.5	153.5	192.0	174.6	230.9	271.7
TRANSPORTATION EQUIPMENT		37	9.27														
MOTOR VEHICLES AND PARTS		371	4.50														
AUTOS, TOTAL			1.90	148.6	147.4	175.2	165.7	128.9	146.3	157.8	172.2	146.5	171.6	166.1	110.2	78.8	131.2
LARGE AUTOS			1.79	100.4	95.2	119.5	115.7	92.4	104.7	110.4	116.4	96.8	107.0	100.5	56.3	28.9	73.6
SMALL AUTOS			.11	939.8	1005.0	1090.8	987.5	728.9	829.9	936.8	1088.8	962.9	1233.6	1245.2	995.9	898.9	1078.7
TRUCKS AND BUSES			.53	247.8	244.9	289.7	266.3	237.7	265.6	278.9	302.2	227.8	274.1	260.2	176.9	112.8	175.1
BUSINESS VEHICLES			.40	157.7	155.0	185.4	171.7	158.0	174.1	180.4	208.5	151.1	188.2	180.2	123.3	87.9	
UTILITY VEHICLES			.13	517.5	514.0	601.9	549.4	476.2	539.5	573.6	582.6	457.4	531.1	499.1	337.1	187.5	
TRUCK TRAILERS			.09	240.0	230.0	249.8	251.6	262.1	215.9	254.6	291.0	264.7	290.0	278.7	228.4	265.5	263.7
MOTOR VEHICLE PARTS			1.98	166.5	172.3	175.5	179.2	186.8	176.9	172.3	175.0	164.4	172.2	171.8	161.9	147.7	160.3
AIRCRAFT AND PARTS		372	3.73	84.2	88.8	90.1	93.4	96.0	95.5	97.3	97.9	96.6	97.8	98.7	98.6	96.8	100.7
SHIPS AND BOATS		373	.56	149.9	151.5	152.1	149.6	156.9	147.9	142.9	145.2	142.8	148.4	146.9	143.4	150.3	149.0
RAIL & MISC TRANS EQ		374,5,9	.49	135.7	140.6	146.3	148.3	138.2	131.0	146.0	161.6	166.7	166.4	178.2	150.4	161.6	180.0
RAILROAD EQUIPMENT		374	.26	117.9	114.7	126.1	142.8	144.0	135.1	142.3	161.8	160.3	156.0	169.1	147.8	139.4	174.0
MOBILE HOMES		379	.18	121.8	132.8	135.6	116.7	93.8	96.2	108.2	124.0	136.6	139.9	145.3	118.7	147.1	
INSTRUMENTS		38	2.11														
EQUIPMENT INSTR. & PTS.		381-4	1.07	173.3	183.4	179.2	180.6	180.0	175.4	181.4	183.0	181.7	184.4	191.0	183.6	184.9	192.9
CONSUMER INSTR. PROD.		385-7	1.04	160.6	165.5	165.9	167.1	166.0	163.6	165.1	166.6	164.4	163.3	167.4	162.7	164.8	162.1
MISC. MANUFACTURES		39	1.51														
MISC. CONS. GOODS		391,3,4,6	.86	153.0	168.2	161.1	154.0	145.7	138.5	153.2	151.8	150.8	150.4	159.7	153.5	167.6	175.5
MISC. BUS. SUPPLIES		395,9	.65	148.4	155.1	154.3	150.6	147.0	145.3	151.1	154.0	146.7	147.6	152.8	148.1	152.8	154.9
ELECTRIC UTILITIES			3.88														
ELEC UTIL GENERATION			1.90	178.9	180.7	171.1	171.8	186.8	196.6	196.6	171.8	171.8	167.2	1818			

INDUSTRIAL PRODUCTION

Seasonally Adjusted

Table 5
INDEXES; 1967=100
Quarterly Averages

SUMMARY GROUPINGS	1978			1979		
	II	III	IV	I	II	III
TOTAL INDEX	145.1	147.9	150.7	152.2	151.9	152.2
PRODUCTS, TOTAL	144.1	146.4	148.2	150.0	149.6	149.4
FINAL PRODUCTS	141.7	144.0	145.5	147.0	146.9	146.5
CONSUMER GOODS	149.3	150.4	151.3	151.7	151.0	149.6
DURABLE CONSUMER GOODS	161.2	161.4	162.4	161.7	156.9	152.4
AUTOMOTIVE PRODUCTS	182.9	182.3	188.2	182.5	173.9	158.7
HOME GOODS	149.1	149.7	148.0	150.0	147.4	148.8
NONDURABLE CONSUMER GOODS	144.5	146.1	146.9	147.7	148.6	148.5
CLOTHING	131.1	132.9	132.4	130.6	129.0	
CONSUMER STAPLES	148.2	149.7	150.9	152.4	154.0	154.2
CONSUMER ENERGY	152.9	153.8	156.6	155.3	154.2	151.2
(HOME GOODS AND CLOTHING)	140.8	142.0	140.8	141.1	138.9	139.3
EQUIPMENT	131.3	135.1	137.4	140.7	141.4	142.2
BUSINESS EQUIPMENT	158.8	163.0	165.5	169.3	170.5	171.8
INDUSTRIAL EQUIPMENT	145.1	147.5	148.0	152.2	151.4	151.9
COMMERCIAL, TRANSIT, FARM EQ.	174.7	180.8	185.7	189.0	192.6	194.8
DEFENSE AND SPACE EQUIPMENT	85.1	88.1	90.3	92.6	92.6	92.5
INTERMEDIATE PRODUCTS	152.8	155.3	158.0	160.9	159.6	160.0
CONSTRUCTION SUPPLIES	150.1	153.2	156.3	158.5	156.2	156.6
BUSINESS SUPPLIES	155.5	157.3	159.8	163.3	162.8	163.4
COMMERCIAL ENERGY PRODUCTS	166.4	169.2	171.4	173.6	172.2	167.6
MATERIALS	146.7	150.2	154.6	155.5	155.6	156.8
DURABLE GOODS MATERIALS	146.0	151.9	157.3	158.4	157.7	158.5
BASIC METAL MATERIALS	117.4	125.2	130.5	125.1	124.1	128.0
NONDURABLE GOODS MATERIALS	165.2	165.9	170.3	172.2	173.4	175.7
TEXTILE, PAPER AND CHEMICAL MAT	170.8	172.2	177.1	179.1	181.3	184.3
TEXTILE MATERIALS	116.5	116.0	119.5	118.2	119.6	121.7
PAPER MATERIALS	138.6	134.1	138.1	136.9	140.7	146.9
CHEMICAL MATERIALS	207.7	212.3	218.0	222.7	224.8	226.8
ENERGY MATERIALS	125.7	126.9	128.9	127.9	128.1	129.1
MANUFACTURING	145.5	148.6	151.7	153.4	153.1	153.3
DURABLE	138.2	141.9	145.6	147.5	146.6	145.7
NONDURABLE	156.1	158.3	160.5	161.9	162.5	164.3
MINING AND UTILITIES	142.1	143.1	144.8	143.5	143.4	144.6
MINING	126.5	125.9	127.8	122.3	123.1	126.0
UTILITIES	159.5	162.4	163.9	167.0	166.0	165.4

Table 6
GROSS VALUE OF PRODUCT
Billions of 1972 Dollars at Annual Rates

	1978			1979		
	II	III	IV	I	II	III
609.5	614.0	626.1	630.1	627.3	618.9	
471.3	474.0	483.4	484.9	483.2	475.0	
327.7	327.8	332.9	331.0	328.4	322.7	
98.8	98.5	100.0	98.8	95.3	91.1	
52.1	51.5	53.4	51.5	49.0	44.2	
46.8	47.1	46.6	47.4	46.3	46.9	
228.9	229.3	232.9	232.2	233.1	231.6	
33.4	34.1	33.9	33.2	32.9		
195.5	195.1	198.7	199.0	200.2	198.6	
44.7	45.0	46.1	45.2	44.8	44.0	
80.2	81.2	80.9	80.5	79.2	79.9	
143.6	146.2	150.5	153.9	154.9	152.3	
107.9	109.2	112.6	115.1	116.0	113.5	
46.9	47.4	47.6	49.0	48.6	48.7	
61.0	61.8	65.0	66.1	67.3	64.7	
35.7	37.0	37.9	38.8	38.9	38.9	
138.2	140.0	142.6	145.2	144.1	143.9	
65.0	66.2	67.2	68.2	67.4	67.6	
73.2	74.0	75.3	77.0	76.7	76.3	
18.4	18.7	18.9	19.1	18.9	18.4	

Table 7
GROSS VALUE OF PRODUCT
Billions of 1972 Dollars at Annual Rates

MAJOR MARKET GROUPINGS	1972	1978		1979											
	DOLS. LARS	AVG.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.
PRODUCTS, TOTAL	507.4	610.2	622.1	625.0	631.1	626.8	627.3	636.1	620.8	632.3	628.7	622.7	614.5	619.5	619.2
FINAL PRODUCTS	390.9	471.0	481.0	482.8	486.6	481.7	482.0	491.0	476.4	488.2	485.1	479.6	469.9	475.6	474.9
CONSUMER GOODS	277.5	326.6	331.8	332.8	334.1	328.9	329.4	334.7	323.9	331.5	329.8	326.0	320.4	321.7	322.3
DURABLE CONSUMER GOODS	82.0	97.4	100.0	100.3	99.7	97.8	98.0	100.7	90.9	98.2	96.9	94.9	87.6	90.9	91.2
AUTOMOTIVE PRODUCTS	41.1	50.9	53.2	54.1	52.8	51.0	50.4	53.0	45.4	51.8	49.7	47.9	40.8	44.0	44.4
HOME GOODS	40.9	46.5	46.8	46.3	46.9	46.8	47.6	47.7	45.5	46.3	47.1	47.0	46.8	46.9	46.8
NONDURABLE CONSUMER GDS	195.5	229.2	231.9	232.5	234.5	231.0	231.4	234.1	232.9	233.3	232.9	231.1	232.9	230.8	231.1
CLOTHING	28.5	33.5	34.0	33.8	33.8	33.2	33.1	33.2	33.0	32.3	33.4	32.8	33.0		
CONSUMER STAPLES	167.0	195.6	197.8	198.3	199.9	197.8	198.3	200.8	200.0	201.0	199.5	198.3	199.9	197.5	197.9
CONSUMER ENERGY PROD	39.2	45.0	45.7	46.2	46.4	45.6	45.1	44.9	45.5	44.8	44.1	43.7	44.0	44.2	
(HOME GOODS & CLOTHING)	69.4	80.1	80.8	80.4	81.4	80.0	80.7	80.9	78.5	78.7	80.6	79.8	79.8	80.2	80.0
EQUIPMENT	113.4	144.4	149.2	150.0	152.4	152.9	152.6	156.3	152.5	156.7	155.4	153.6	149.5	153.9	152.6
BUSINESS EQUIPMENT	80.6	108.1	111.7	112.1	114.1	114.1	113.8	117.3	113.6	117.8	116.6	114.6	110.8	115.0	112.8
INDUSTRIAL EQUIPMENT	34.4	47.0	47.6	47.6	47.7	48.7	49.0	49.2	48.4	48.7	48.8	48.6	48.5	49.0	48.0
COM'L, TRANSIT, FARM EQ	46.2	61.1	64.0	64.5	66.4	65.4	64.8	68.2	65.2	69.1	67.8	66.0	62.3	66.0	64.9
DEFENSE & SPACE EQUIP.	32.7	36.3	37.5	37.9	38.3	38.8	38.8	39.0	39.0	38.8	38.8	39.0	38.7	39.0	39.7
INTERMEDIATE PRODUCTS	116.6	139.2	141.1	142.3	144.5	145.1	145.3	145.1	144.4	144.2	143.6	143.2	144.6	143.8	144.3
CONSTRUCTION SUPPLIES	57.8	65.5	66.7	67.0	68.0	68.4	68.3	67.9	67.4	67.4	67.4	67.2	68.2	67.4	67.3
BUSINESS SUPPLIES	58.8	73.7	74.6	75.3	75.9	76.7	77.0	77.2	77.1	76.7	76.2	76.0	76.4	76.5	
COMMERCIAL ENERGY PROD	15.6	18.5	18.8	18.9	18.9	19.1	19.2	19.0	19.2	19.0	18.5	18.4	18.4	18.4	

Table 8
INDUSTRIAL PRODUCTION: DIFFUSION INDEXES
Per Cent of Component Series Higher Than in Earlier Months

	ONE MONTH EARLIER	THREE MONTHS EARLIER	SIX MONTHS EARLIER
1967-78			
AVERAGE	55.5	59.2	62.2
HIGH	71.7	78.7	82.8
LOW	22.6	15.7	14.7
1977			
SEPTEMBER	60.0	63.6	66.0
OCTOBER	59.8	66.6	70.4
NOVEMBER	59.8	65.5	66.8
DECEMBER	57.7	63.8	67.7
1978			
JANUARY	47.7	54.3	63.8
FEBRUARY	52.8	50.6	57.9
MARCH	64.9	55.5	62.6
APRIL	71.7	74.9	71.5
MAY	48.7	73.8	67.0
JUNE	65.3	70.6	72.8
JULY	62.8	57.4	74.9
AUGUST	66.0	66.8	76.4
SEPTEMBER	59.8	71.3	76.0
OCTOBER	54.5	70.9	64.9
NOVEMBER	57.9	66.8	72.6
DECEMBER	70.2	73.8	76.6
1979			
JANUARY	52.8	60.9	68.5
FEBRUARY	58.3	58.1	67.4
MARCH	65.3	61.5	67.0
APRIL	34.3	51.3	55.3
MAY	60.6	52.1	59.4
JUNE	53.6	46.8	52.1
JULY	52.6	61.7	55.5
AUGUST	45.1	52.3	53.0
SEPTEMBER	56.4	52.6	50.4

NOTE: THE DIFFUSION INDEXES SHOW THE PERCENT OF THE INDUSTRIAL PRODUCTION INDEX'S 235 SEASONALLY ADJUSTED COMPONENT SERIES THAT IN THE MONTH INDICATED WERE HIGHER THAN THEY WERE ONE MONTH EARLIER, THREE MONTHS EARLIER, AND SIX MONTHS EARLIER. IN CALCULATING THE DIFFUSION INDEXES HALF OF THE UNCHANGED COMPONENTS ARE COUNTED AS BEING HIGHER AND NO ALLOWANCE IS MADE FOR THE RELATIVE IMPORTANCE OF THE INDIVIDUAL COMPONENTS IN TOTAL INDUSTRIAL PRODUCTION. DIFFUSION INDEXES BASED ON CHANGES OVER A SIX-MONTH PERIOD GENERALLY SHOW MORE PRONOUNCED CYCLICAL PATTERNS THAN DIFFUSION INDEXES BASED ON CHANGES OVER SHORTER PERIODS.

Table 1—A
ELECTRIC POWER USE BY INDUSTRIES
Seasonally Adjusted Indexes, 1967=100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1978			1979			1979					PER CENT CH. FROM PREV. YR.	
				Q 3	Q 4	Q 1	Q 2	Q 3	APR	MAY	JUNE	JULY	AUG	SEP	MO. (P)	YR. (P)
TOTAL		560.4	138.4	141.7	142.3	142.7	143.8	143.5	144.1	143.4	144.0	143.4	143.6	143.4	-2	3
MAJOR MARKET GROUPINGS																
PRODUCTS, TOTAL		136.1	150.0	151.4	152.1	155.4	154.1	153.0	154.1	154.7	153.6	154.0	152.9	152.0	-6	3
FINAL PRODUCTS		101.4	148.4	149.9	150.4	153.4	152.1	150.6	152.1	152.7	151.6	151.8	150.3	149.7	-4	-4
CONSUMER GOODS		67.4	157.2	158.9	159.0	161.6	160.4	158.0	160.6	161.1	159.6	159.9	157.2	157.0	-2	-1.4
EQUIPMENT		34.0	126.0	126.4	128.6	132.5	131.2	131.4	131.2	131.3	131.1	131.1	132.4	130.7	-1.3	2.8
INTERMEDIATE PRODUCTS		34.7	154.8	156.2	157.0	161.4	160.0	160.4	159.7	160.3	159.8	160.7	160.9	159.5	-9	2.4
MATERIALS		424.3	134.6	138.5	139.1	138.7	140.4	140.4	140.7	139.8	140.8	140.1	140.6	140.4	-2	2
DURABLE		237.7	133.5	135.8	137.9	138.2	138.1	140.7	138.0	137.0	139.4	139.7	142.0	140.3	-1.2	2.1
NONDURABLE		133.0	136.6	137.8	138.8	140.6	140.8	142.3	140.6	140.4	141.4	141.6	142.1	143.3	.8	3.6
ENERGY, EX. ERDA		23.8	158.6	160.8	166.5	165.5	171.6	166.8	172.8	168.1	174.1	170.1	164.9	165.5	.4	4.9
MAJOR INDUSTRY DIVISIONS																
MINING	10-14	34.7	161.8	164.5	169.1	171.6	171.6	172.2	171.8	170.7	172.1	172.3	173.8	170.5	-1.9	4.1
MANUFACTURING		519.2	137.2	140.4	140.8	141.5	142.0	141.8	142.4	141.7	141.9	141.8	141.7	141.9	.1	0.0
DURABLE	19,24-25,32-39	254.1	135.4	137.4	139.2	140.8	139.8	140.8	139.4	139.0	140.8	140.7	141.4	140.3	-8	1.2
NONDURABLE	20-23,26-31	265.1	138.8	143.0	142.4	142.3	144.2	142.6	145.2	144.4	142.9	142.3	142.9	142.7	-1	-1.1
UTILITIES, OWN USE	491,2	6.5	140.1	140.1												
INDUSTRY GROUPS AND SERIES																
METAL MINING	101	9.9	161.3	164.3	164.5	166.1	169.0	172.2	168.4	168.3	170.4	175.2	174.3	167.3	-4.0	1.7
IRON ORE	1011	5.0	174.0	181.9	181.0	183.2	186.6	191.4	185.4	185.9	188.5	194.9	195.3	183.8	-5.9	-2
COPPER ORE	1021	3.0	152.0	150.5	149.4	149.5	152.6	159.1	151.8	152.2	154.0	158.9	162.4	156.1	-3.9	6.9
COAL	11,21	5.9	155.4	166.5	188.3	190.3	187.7	190.5	189.1	185.6	188.3	189.6	190.0	192.0	1.0	18.3
OIL AND GAS EXTRACTION	131	11.9	171.8	172.4	171.9	172.9	172.5	172.7	173.0	172.2	172.2	173.7	172.2	172.2	0.0	.3
CRUDE OIL AND NAT. GAS	1311	8.9	189.4	189.8	189.9	192.2	190.1	190.2	190.5	191.4	188.5	191.5	189.3	189.8	.2	-1
NATURAL GAS LIQUIDS	1321	2.5	122.7	122.3	122.0	119.9	124.3	122.5	123.9	123.4	125.6	124.3	121.2	122.0	.7	-7
STONE AND EARTH MINERALS	141	6.9	153.3	154.1	155.9	158.9	159.1	159.1	159.3	159.4	158.6	157.0	159.7	160.7	.6	2.8
CRUSHED STONE	1421	1.5	156.7	157.6	162.0	166.9	163.3	166.7	159.5	164.8	165.5	166.2	166.0	167.9	1.1	3.8
SAND AND GRAVEL	1441	1.1	138.9	139.5	139.6	145.2	141.8	143.2	136.9	143.4	145.2	141.6	144.8	143.2	-1.1	0.0
CHEMICAL MINERALS	1471	3.4	156.7	157.4	158.4	159.0	164.2	162.9	163.5	164.5	164.6	161.7	164.6	162.3	-1.4	4.4
QUARRIES	191	4.1	103.8	105.0	103.8	106.9	107.1	107.0	107.6	108.0	105.7	111.1	105.4	104.6	-8	2.4
FOODS	201	26.8	151.7	152.9	153.6	155.8	157.5	156.6	157.8	157.9	156.6	157.5	155.9	156.5	.4	1.6
MEAT PRODUCTS	2011	4.2	165.7	166.7	166.5	167.9	167.1	165.2	165.5	169.5	166.3	162.4	165.4	167.8	1.4	0.0
DAIRY PRODUCTS	2021	4.1	132.5	131.7	134.1	133.9	136.4	134.1	136.5	138.0	134.8	133.3	134.2	134.9	.5	2.0
CANNED AND FROZEN FOODS	2031	3.2	177.6	176.9	179.3	183.4	187.2	186.4	186.1	186.0	189.6	189.9	187.2	182.1	-2.7	2.5
GRAIN MILL PRODUCTS	2041	4.8	144.2	144.6	144.4	145.7	152.0	150.3	152.3	154.5	149.3	152.3	148.8	149.9	.7	3.1
BAKERY PRODUCTS	2051	1.8	133.0	134.0	134.1	135.4	134.0	132.3	133.3	135.5	133.4	132.8	131.1	133.1	1.6	-1.3
SUGAR	2061	1.2	210.0	242.2	210.3	215.4	226.2	242.5	216.3	221.4	240.7	243.2	237.9	246.2	3.5	-8
CONFECTIONERY	2071	1.0	132.6	129.2	134.6	141.9	131.0	130.0	133.8	132.8	126.6	132.0	129.5	128.5	.8	-6
BEVERAGES	2081	2.4	180.0	183.0	183.7	188.9	192.4	194.6	189.9	193.5	193.7	194.9	192.7	196.3	1.9	6.3
MISC. FOOD PRODUCTS	2091	4.1	133.8	137.1	135.9	136.5	138.6	139.0	138.5	139.9	137.2	139.9	139.5	137.7	-1.3	.1
TOBACCO PRODUCTS	211	.9	131.6	130.4	128.8	130.6	127.6	123.4	127.9	129.5	125.5	125.0	122.8	122.5	-3	-5.6
TEXTILE MILL PRODUCTS	221	20.8	120.9	122.4	122.4	124.8	126.2	127.0	125.8	126.2	126.5	128.8	127.3	124.8	-1.9	1.0
FABRICS	221-41	11.7	100.6	102.4	102.1	103.8	106.9	107.8	106.1	106.6	108.0	110.3	107.3	105.9	-1.3	2.1
KNIT GOODS	2251	1.7	164.8	165.3	164.1	164.0	163.1	162.6	163.8	161.9	163.7	162.4	163.5	161.7	-1.1	-3.3
FABRIC FINISHING	2261	1.5	146.3	149.1	150.8	150.2	148.8	155.1	147.7	147.7	150.9	157.9	150.7	156.8	4.0	3.5
YARN AND THREAD	2281	3.9	158.0	160.4	159.2	163.4	165.0	163.7	165.1	167.1	162.8	165.6	165.2	160.5	-2.9	0.0
MISC. TEXTILES	2291	1.4	152.6	151.2	156.8	156.5	151.8	154.4	149.4	153.9	152.1	158.1	152.1	153.0	.6	-1.3
APPAREL PRODUCTS	231	3.6	165.0	167.4	165.5	170.5	159.2	157.2	160.6	160.7	156.2	156.1	159.6	156.0	-2.3	-6.7
MEN'S OUTERWEAR	231,21	1.0	147.1	149.2	146.2	152.0	144.5	142.9	145.4	146.1	142.2	143.1	143.7	141.9	-1.3	-4.3
WOMEN'S OUTERWEAR	2331	1.0	210.8	214.7	208.6	213.7	196.9	193.5	201.4	196.3	193.1	193.0	195.8	191.8	-2.0	-11.1
LUMBER AND PRODUCTS	241	8.0	188.5	191.0	192.8	193.4	192.7	194.1	191.4	192.3	194.5	195.3	192.5	194.6	1.1	1.6
LUMBER	2421	3.9	176.7	179.0	180.9	181.3	180.5	183.5	177.8	179.7	184.0	186.3	183.2	180.9	-1.3	1.4
MILLWORK AND PLYWOOD	2431	2.2	186.0	189.2	192.3	195.4	193.6	194.4	193.1	193.6	194.2	193.0	194.4	195.8	.7	2.8
FURNITURE AND FIXTURES	251	2.5	159.5	163.5	161.8	165.4	161.8	162.5	161.5	162.3	161.4	163.2	163.4	160.8	-1.6	-2.0
HOME FURNITURE	2511	1.7	182.8	186.7	182.8	187.0	177.0	179.9	175.3	178.1	177.5	178.0	181.2	180.5	-4	-4.3
PAPER AND PRODUCTS	261	49.1	124.2	124.6	124.5	124.5	124.0	125.0	124.9	123.5	123.7	124.8	125.0	125.3	.2	.4
WOOD PULP	2611	3.5	123.2	121.6	121.1	120.1	120.5	121.1	121.3	119.2	120.9	120.0	123.4	119.8	-2.9	-1
PAPER	2621	24.5	119.0	119.2	119.6	118.5	117.6	119.2	118.7	116.2	117.9	118.2	118.7	120.7	1.7	.3
PAPERBOARD	2631	14.8	142.3	142.4	146.4	141.1	142.0	144.5	143.7	142.6	139.6	144.6	144.5	144.4	-1	1.3
CONVERTED PAPER	2641	2.5	138.2	139.6	140.5	143.5	142.9	147.7	143.3	141.9	143.6	147.7	147.8	147.5	-2	7.1
PAPERBOARD CONTAINERS	2651	2.3	146.2	147.6	148.1	149.6	150.2	147.2	149.7	150.3	150.4	150.5	146.9	144.3	-1.7	-1.9
BUILDING PAPER AND BOARD	2661	1.4	155.6	156.5	155.2	157.6	157.7	157.0	157.0	158.4	157.6	158.4	155.6	156.9	.8	.5
PRINTING AND PUBLISHING	271	5.8	151.6	151.3	152.3	160.7	157.3	154.8	157.5	158.2	156.2	154.5	155.3	154.6	-5	1.9
NEWSPAPERS	2711	1.7	137.3	135.7	134.5	142.6	140.9	134.4	141.7	141.2	139.8	136.1	134.3	132.9	-1.1	-1.6
COMMERCIAL PRINTING	2751	2.4	160.8	160.4	162.9	174.5	170.1	170.1	169.0	169.1	172.0	168.8	171.0	170.6	-3	6.2

P--PRELIMINARY

Table 1—B
ELECTRIC POWER USE BY INDUSTRIES

Not Seasonally Adjusted, 1967=100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1978		1979			1979 APR	MAY	JUNE	JULY	AUG	SEP	PER CENT CH. FROM PREVI- MO. YR. (P) (P)	
				Q 3	Q 4	Q 1	Q 2	Q 3								
TOTAL		560.4	138.4	140.9	143.6	141.2	144.8	142.7	144.3	145.7	144.6	140.9	143.6	143.7	0.0	.3
MAJOR MARKET GROUPINGS																
PRODUCTS, TOTAL		136.1	150.0	155.9	153.4	149.6	154.1	157.5	150.7	153.4	158.1	155.1	157.4	160.0	1.6	.3
FINAL PRODUCTS		101.4	148.4	155.2	151.6	147.4	151.8	156.0	147.9	151.0	156.5	153.7	155.4	158.8	2.2	-.4
CONSUMER GOODS		67.4	157.2	165.0	160.7	154.8	159.8	164.0	155.3	159.3	164.9	161.6	163.4	167.0	2.2	-1.4
EQUIPMENT		34.0	126.0	130.3	128.4	128.6	131.3	135.4	129.0	129.8	135.0	133.3	135.0	137.8	2.1	2.8
INTERMEDIATE PRODUCTS		34.7	154.8	158.1	159.0	156.4	161.0	162.3	159.4	160.8	162.9	159.4	163.7	163.8	.1	2.4
MATERIALS		424.3	134.6	136.0	140.3	138.4	141.8	137.8	142.1	143.2	140.1	136.1	139.1	138.3	-.6	-.2
DURABLE		237.7	133.5	133.6	137.7	137.9	140.7	138.4	139.8	141.6	140.6	137.8	139.4	138.2	-.9	2.1
NONDURABLE		133.0	136.6	138.6	139.8	137.6	141.8	143.2	140.5	141.7	143.2	139.5	145.4	144.9	-.3	3.6
ENERGY, EX. ERDA		23.8	158.6	153.4	166.5	175.1	169.4	159.1	171.2	168.4	168.6	159.0	159.2	159.3	.1	4.9
MAJOR INDUSTRY DIVISIONS																
MINING	10-14	34.7	161.8	160.5	170.2	172.2	174.0	168.0	173.5	174.0	174.4	165.0	168.8	170.2	.9	4.1
MANUFACTURING		519.2	137.2	140.1	142.1	139.4	143.1	141.6	142.5	144.0	142.9	139.5	142.6	142.6	0.0	0.0
DURABLE	19, 24-25, 32-39	254.1	135.4	136.6	139.4	139.5	141.8	140.0	140.4	142.4	142.5	138.8	140.4	140.7	.2	1.2
NONDURABLE	20-23, 26-31	265.1	138.8	143.5	144.6	139.2	144.5	143.1	144.5	145.6	143.4	140.3	144.6	144.4	-.1	-1.1
UTILITIES, OWN USE	491, 2	6.5	140.1	130.0												
INDUSTRY GROUPS AND SERIES																
METAL MINING	10	9.9	161.3	160.1	164.6	166.0	173.3	167.8	170.7	174.2	175.0	170.3	167.3	165.8	-.9	1.7
IRON ORE	101	5.0	174.0	178.0	181.6	181.8	191.2	187.3	188.9	191.8	192.8	194.1	187.5	180.2	-3.9	-.2
COPPER ORE	102	3.0	152.0	142.1	149.8	151.8	158.2	150.3	153.6	159.9	161.0	146.0	148.9	156.1	4.8	6.9
COAL	11, 2	5.9	155.4	147.0	188.6	207.8	191.4	168.7	199.3	189.5	185.5	148.7	177.5	179.9	1.4	18.3
OIL AND GAS EXTRACTION	13	11.9	171.8	172.6	172.5	172.7	171.7	172.9	170.6	171.0	173.6	174.4	169.8	174.5	2.8	.3
CRUDE OIL AND NAT. GAS	131	8.9	189.4	188.6	190.8	193.1	189.3	189.1	189.6	188.0	190.4	191.1	185.2	190.9	3.1	-.1
NATURAL GAS LIQUIDS	132	2.5	122.7	126.5	122.0	116.6	123.3	126.7	120.3	122.8	126.8	128.8	125.9	125.5	-.3	-.7
STONE AND EARTH MINERALS	14	6.9	153.3	155.0	160.0	150.3	162.3	160.0	159.5	163.6	164.0	155.2	161.8	163.1	.8	2.8
CRUSHED STONE	142	1.5	156.7	167.0	171.3	139.4	171.0	176.6	158.4	175.3	179.2	173.9	177.9	178.0	0.0	3.8
SAND AND GRAVEL	144	1.1	138.9	146.9	148.3	123.3	146.7	150.8	136.4	149.7	154.0	147.4	153.6	151.4	-1.4	0.0
CHEMICAL MINERALS	147	3.4	156.7	154.5	160.7	158.4	165.3	159.9	165.0	166.0	164.9	153.1	161.7	165.1	2.1	4.4
ORDNANCE	19	4.1	103.8	109.8	103.5	102.6	106.7	111.9	102.5	107.6	110.1	112.6	112.7	110.3	-2.2	2.4
FOODS	20	26.8	151.7	162.3	157.4	146.9	152.8	166.3	147.1	151.4	159.9	163.6	166.8	168.4	1.0	1.6
MEAT PRODUCTS	201	4.2	165.7	183.4	167.4	153.2	163.8	181.7	156.0	162.9	172.6	178.0	185.4	181.8	-1.9	0.0
DAIRY PRODUCTS	202	4.1	132.5	148.6	129.3	120.2	137.6	151.3	129.1	136.5	147.4	152.2	151.6	150.2	-1.0	2.0
CANNED AND FROZEN FOODS	203	3.2	177.6	190.1	184.4	171.9	179.3	199.9	174.5	177.3	186.1	184.9	197.9	216.9	9.6	2.5
GRAIN MILL PRODUCTS	204	4.8	144.2	145.9	148.8	145.4	146.4	151.5	144.5	145.5	149.0	150.7	152.8	151.1	-1.1	3.1
BAKERY PRODUCTS	205	1.8	133.0	146.4	133.6	125.9	131.5	144.6	125.3	130.8	138.4	143.1	143.4	147.2	2.7	-1.3
SUGAR	206	1.2	210.0	177.6	284.4	248.2	168.2	177.8	169.0	169.4	166.1	175.8	178.0	179.5	.8	-.8
CONFECTIONERY	207	1.0	132.6	137.8	139.5	126.7	131.0	138.6	126.9	130.7	135.3	128.5	140.8	146.7	4.2	-.6
BEVERAGES	208	2.4	180.0	204.1	180.0	170.5	192.7	217.1	180.8	190.3	207.1	215.0	217.7	218.6	.4	6.3
MISC. FOOD PRODUCTS	209	4.1	133.8	142.3	140.1	130.3	135.3	144.3	130.9	134.2	140.8	144.3	143.7	144.8	.8	.1
TOBACCO PRODUCTS	21	.9	131.6	142.6	133.4	120.8	120.3	135.1	114.3	120.0	126.4	120.1	138.6	146.5	5.7	-5.6
TEXTILE MILL PRODUCTS	22	20.8	120.9	125.3	122.9	117.9	129.7	129.8	124.5	128.8	135.7	118.6	137.1	133.8	-2.4	1.0
FABRICS	221-4	11.7	100.6	104.2	102.3	98.8	109.9	109.6	105.4	109.1	115.2	100.1	115.8	112.8	-2.6	2.1
KNIT GOODS	225	1.7	164.8	179.4	162.7	147.4	167.0	176.4	156.9	164.4	179.8	159.5	186.4	183.4	-1.6	-3.3
FABRIC FINISHING	226	1.5	146.3	144.6	152.3	148.9	153.1	150.3	149.6	151.6	158.1	137.4	153.0	160.4	4.8	3.5
YARN AND THREAD	228	3.9	158.0	165.7	160.3	152.2	169.5	169.0	163.0	169.8	175.8	153.3	179.9	173.8	-3.4	0.0
MISC. TEXTILES	229	1.4	152.6	150.9	157.1	152.7	155.3	154.1	152.1	152.6	161.3	148.0	160.8	153.4	-4.6	-1.3
APPAREL PRODUCTS	23	3.6	165.0	193.9	161.1	149.8	157.1	182.0	147.4	153.8	169.9	167.5	190.9	187.8	-1.6	-6.7
MEN'S OUTERWEAR	231, 2	1.0	147.1	173.7	143.9	131.6	142.2	166.4	131.1	139.8	155.6	151.1	172.7	175.2	1.4	-4.3
WOMEN'S OUTERWEAR	233	1.0	210.8	255.5	199.1	184.6	194.5	230.3	179.5	190.2	213.7	216.1	242.7	232.0	-4.4	-11.1
LUMBER AND PRODUCTS	24	8.0	188.5	184.7	193.4	196.4	195.3	187.7	198.7	195.4	191.7	183.4	187.3	192.3	2.7	1.6
LUMBER	242	3.9	176.7	172.4	182.2	184.0	182.9	176.7	187.4	182.7	178.5	172.7	178.2	179.2	.6	1.4
MILLWORK AND PLYWOOD	243	2.2	186.0	181.5	190.3	200.2	198.5	186.5	201.4	198.1	196.1	180.1	187.8	191.5	2.0	2.8
FURNITURE AND FIXTURES	25	2.5	159.5	161.5	162.8	165.9	162.0	160.5	163.0	159.5	163.5	147.7	167.2	166.6	-.4	-2.0
HOME FURNITURE	251	1.7	182.8	182.0	183.9	190.1	177.4	175.4	178.2	175.3	178.8	156.6	184.7	184.8	.1	-4.3
PAPER AND PRODUCTS	26	49.1	124.2	123.8	124.3	123.8	125.6	124.2	125.9	125.6	125.3	121.1	127.2	124.4	-2.2	.4
WOOD PULP	261	3.5	123.2	121.3	121.6	119.2	121.1	120.8	123.7	119.8	119.7	119.3	121.6	121.4	-.2	-.1
PAPER	262	24.5	119.0	117.9	117.9	118.4	119.5	118.0	119.7	120.6	118.2	114.3	121.8	117.8	-3.2	.3
PAPERBOARD	263	14.8	142.3	139.4	144.7	142.6	144.9	141.5	144.0	146.5	144.3	137.1	145.5	142.0	-2.4	1.3
CONVERTED PAPER	264	2.5	138.2	141.2	143.0	138.1	144.1	149.3	143.0	142.3	147.0	144.6	149.8	153.7	2.6	7.1
PAPERBOARD CONTAINERS	265	2.3	146.2	149.2	147.4	147.0	151.7	148.7	148.9	149.9	156.2	145.7	152.0	148.5	-2.3	-1.9
BUILDING PAPER AND BOARD	266	1.4	155.6	159.4	156.0	152.7	158.4	159.9	158.9	159.8	156.6	157.0	165.7	156.9	-5.5	.5
PRINTING AND PUBLISHING	27	5.8	151.6	172.0	150.4	143.5	154.4	175.9	145.9	152.3	164.9	172.0	178.4	177.3	-.6	1.9
NEWSPAPERS	271	1.7	137.3	156.0	131.8	126.1	138.8	154.5	131.2	136.6	148.6	155.8	156.1	151.5	-3.0	-1.6
COMMERCIAL PRINTING	275	2.4	160.8	181.8	163.0	154.9	166.2	192.9	156.0	162.7	179.8	185.3	195.7	197.7	1.0	6.2

P—PRELIMINARY

Table 1—A (Continued)
ELECTRIC POWER USE BY INDUSTRIES

Seasonally Adjusted Indexes, 1967=100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1978			1979			1979					PER CENT CH. FROM PREV. MO. YR.		
				Q 3	Q 4	Q 1	Q 2	Q 3	APR	MAY	JUNE	JULY	AUG	SEP			
(P)																	
CHEMICALS AND PRODUCTS																	
BASIC CHEMICALS	281	96.4	123.6	132.1	129.7	126.0	131.8	126.1	132.8	132.3	130.2	125.4	125.8	127.2	1.1	-6.1	
ALKALIES AND CHLORINE	2812	12.3	149.0	149.1	150.4	148.2	152.7	150.8	149.9	153.8	154.4	151.0	150.2	151.1	.6	.6	
BASIC ORGANIC CHEM.NEC	2818	24.8	142.5	142.8	143.3	146.6	144.9	143.6	144.8	144.3	145.7	142.4	144.4	143.9	-4	1.1	
INORGANIC CHEM. NEC																	
ACID AND FERT. MAT'LS.	2819	48.6	114.5	130.2	123.6	115.1	124.8	112.4	127.6	126.2	120.6	111.4	111.5	114.4	2.6	-16.7	
ERDA		18.8	108.0	108.2	111.4	110.6	109.2	111.4	109.4	108.7	109.5	105.4	112.7				
		29.8	118.6	147.3	130.9	116.8	134.9	114.2	137.6	136.8	130.3	118.0	112.0				
SYNTHETIC MATERIALS																	
PLASTICS MATERIALS	2821	4.4	187.3	192.2	196.2	201.5	201.1	201.0	202.2	201.9	199.0	203.6	197.0		1.8	6.4	
OTHER SYNTHETICS	2822-4	7.7	195.5	195.5	202.4	203.2	202.6	207.6	200.9	204.4	202.4	203.4	206.7				
DRUGS	283	2.0	186.8	187.3	189.5	194.7	197.6	199.8	194.9	198.7	199.1	199.8	201.1	198.4	-1.3	7.5	
SOAP AND TOILETRIES	284	1.0	145.5	149.5	147.8	150.9	145.9	153.5	143.5	144.0	150.2	150.4	156.2	153.8	-1.5	.6	
FARM CHEMICALS	287	2.7	154.5	156.6	158.5	159.7	157.2	160.7	156.3	157.3	158.1	159.5	160.6	162.0	.8	3.4	
PETROLEUM PRODUCTS																	
	29	22.3	174.6	174.4	177.3	178.2	178.9	177.4	180.5	179.4	176.6	177.8	176.2	178.2	1.1	1.0	
RUBBER AND PLASTICS PROD.																	
TIRES	301	3.2	140.3	140.8	140.3	138.8	138.2	135.3	139.4	140.1	135.1	134.1	138.3	133.4	-3.5	-4.9	
RUBBER PRODUCTS NEC	306	2.3	130.1	133.8	129.3	138.3	135.6	133.6	136.4	134.8	135.7	137.4	131.7	131.7	0.0	-.3	
PLASTICS PRODUCTS NEC	307	4.8	230.4	235.7	238.7	244.4	248.8	256.3	244.6	249.0	252.8	258.5	254.2	256.3	.8	7.5	
LEATHER AND PRODUCTS																	
SHOES	314	.6	104.4	105.8	99.9	101.9	99.9	95.2	100.0	101.0	98.7	98.1	95.3	92.4	-3.0	-10.5	
CLAY, GLASS, STONE PRODUCTS																	
FLAT GLASS	321	1.2	128.7	129.5	131.6	131.4	128.9	124.8	128.1	129.7	128.9	127.8	122.8	123.6	.6	-5.7	
PRESSED AND BLOWN GLASS	322	3.5	205.4	208.8	207.9	212.8	209.6	213.8	209.5	209.3	209.9	210.9	215.9	214.8	-.5	2.7	
CEMENT	324	8.4	122.7	124.0	129.2	125.3	118.1	122.1	116.8	118.3	119.0	121.4	123.4	121.5	-1.6	-3.4	
STRUCTURAL CLAY PRODUCTS	325	1.3	115.8	116.9	118.7	122.9	117.4	119.1	115.7	118.7	117.7	118.4	118.4	120.6	1.9	1.9	
CONCRETE PRODUCTS	327	2.3	199.5	201.1	206.4	212.8	207.6	208.8	205.5	208.6	208.7	209.5	209.3	207.6	-.8	3.7	
PRIMARY METALS																	
BASIC STEEL & MILL PROD.	331	54.4	117.0	120.6	122.4	119.4	119.6	123.9	119.3	118.5	121.1	124.5	124.2	123.0	-1.0	.6	
IRON & STEEL FOUNDRIES	332	5.9	207.5	211.1	212.9	221.3	218.3	218.2	219.0	216.5	219.4	224.0	216.9	213.8	-1.4	1.4	
PRIMARY NONFERROUS METALS	333	59.5	124.1	125.6	127.6	128.5	129.0	131.5	129.3	127.9	129.7	130.4	133.3	130.8	-1.9	3.6	
ALUMINUM	3334	53.6	121.3	122.2	124.6	126.1	126.2	127.5	126.7	125.0	126.8	126.5	128.9	127.1	-1.4	3.4	
NONFERROUS MILL PRODUCTS	335	8.4	116.2	118.5	119.6	116.1	114.9	119.0	113.5	115.4	115.8	119.2	119.4	118.5	-.7	-.6	
NONFERROUS FOUNDRIES	336	1.4	163.0	168.2	170.7	172.9	175.3	177.3	172.0	177.4	176.5	175.5	178.3	178.0	-.1	5.3	
FABRICATED METAL PRODUCTS																	
METAL CANS	341	1.0	215.8	216.1	220.8	218.7	217.1	211.6	219.1	216.4	215.7	212.3	209.4	213.1	1.8	-2.7	
HARDWARE	342	1.6	156.2	160.2	157.4	160.3	160.5	161.3	159.9	159.7	161.9	160.5	163.4	160.0	-2.1	1.5	
STRUCTURAL METAL PROD.	344	3.5	137.3	140.2	139.3	147.5	146.7	145.2	147.7	145.4	147.0	147.1	145.3	143.1	-1.6	1.9	
FASTENERS	345	1.2	147.0	154.8	154.1	156.0	158.9	163.7	156.7	159.8	160.2	162.8	164.7	163.7	-.6	6.1	
METAL STAMPINGS	346	3.1	157.6	159.6	161.2	162.1	160.7	155.8	158.8	162.4	161.0	159.5	155.4	152.6	-1.8	-5.3	
NONELECTRICAL MACHINERY																	
ENGINES AND TURBINES	351	1.4	151.4	152.9	153.1	151.3	149.8	151.9	150.3	148.4	150.8	149.6	153.7	152.3	-.9	-2.0	
FARM EQUIPMENT	352	1.2	131.9	133.6	135.3	141.5	134.5	134.4	134.8	137.0	131.8	134.5	139.9	128.8	-8.0	-5.1	
CONSTRUCTION EQUIPMENT	353	3.0	162.1	161.4	165.4	172.6	173.7	173.1	171.4	174.6	175.2	175.8	174.8	168.8	-3.5	4.2	
METALWORKING MACHINERY	354	2.8	121.8	124.9	124.0	128.1	128.5	132.2	126.9	129.8	128.7	133.0	133.3	130.3	-2.3	4.5	
SPECIAL INDUSTRY MACH.	355	1.5	146.2	146.1	145.9	153.1	147.9	149.0	148.5	147.8	147.5	149.6	150.2	147.3	-1.9	.4	
GENERAL INDUSTRIAL MACH.	356	2.7	143.4	143.2	142.6	146.8	145.7	143.2	144.7	145.2	147.1	143.4	143.2	142.8	-.3	0.0	
OFFICE AND COMPUTING MACH.	357	1.4	193.2	193.7	194.9	198.9	197.6	199.7	196.6	199.9	196.4	195.9	202.7	200.4	-1.2	2.6	
SERVICE INDUSTRY MACH.	358	1.2	158.5	158.3	158.7	160.4	156.3	153.5	158.7	157.6	152.6	154.0	154.1	152.4	-1.1	-3.9	
ELECTRICAL MACHINERY																	
ELECT. DISTRIBUTION EQ.	361	1.8	122.8	124.8	126.0	132.2	127.8	120.3	124.9	130.6	128.0	116.7	120.8	123.3	2.1	-2.4	
ELECT. INDUST. APPARATUS	362	3.5	118.2	120.2	123.3	125.1	126.0	123.6	125.5	126.7	125.9	124.0	123.2	123.6	.4	1.0	
HOME APPLIANCES	363	2.2	113.1	114.6	113.5	116.1	114.8	111.5	114.7	115.1	114.7	110.0	115.2	109.4	-5.0	-3.7	
LIGHTING & WIRING PROD.	364	1.5	152.1	153.9	150.7	155.0	151.4	150.9	153.3	150.4	150.6	152.0	149.4	151.2	1.2	-.4	
RADIO AND TV SETS	365	.8	113.6	114.6	114.5	121.0	119.5	117.7	119.0	120.2	119.4	118.6	118.3	116.2	-1.7	1.2	
COMMUNICATION EQUIP.	366	3.9	143.7	145.8	147.1	151.3	147.9	150.2	148.8	148.3	146.5	151.4	153.2	145.8	-4.8	.6	
ELECTRONIC COMPONENTS	367	4.2	143.0	143.2	147.3	154.5	154.9	154.5	155.7	154.7	154.4	154.1	155.1	154.2	-.6	7.1	
TRANSPORTATION EQUIPMENT																	
MOTOR VEHICLES AND PARTS	371	12.8	152.0	154.9	156.8	160.5	153.5	144.1	151.5	155.3	153.8	151.7	137.4	143.4	4.4	-7.4	
AIRCRAFT AND PARTS	372	8.4	87.9	87.4	91.1	92.8	92.7	94.7	93.9	90.9	93.4	94.8	95.2	94.1	-1.1	7.4	
SHIPS AND BOATS	373	1.3	134.2	135.4	138.9	141.4	140.5	141.8	137.8	143.5	140.1	142.7	138.9	143.9	3.6	5.8	
INSTRUMENTS																	
PHOTOGRAPHIC EQUIPMENT	386	1.4	154.4	156.1	158.2	158.2	159.2	157.4	160.8	159.2	157.6	158.7	159.2	154.3	-3.1	-1.9	
MISC. MANUFACTURES																	
	39	2.5	154.5	154.7	155.2	160.3	157.5	156.5	156.3	158.2	158.1	157.3	155.4	156.8	.9	.8	
SUPPLEMENTARY GROUPINGS																	
TOTAL, EXCLUDING ERDA		530.6	139.8	141.5	143.2	144.6	144.5	145.5	144.4	143.9	145.1	145.3	145.8	145.3	-.4	2.1	
ELECTRIC UTILITIES		462.6	150.9	155.1	155.4	156.3	157.2	157.3	157.6	157.0	157.0	157.5	157.5	156.8	-.4	.2	
SALES TO INDUSTRY		457.1	151.0	155.4	155.6	156.7	157.2	157.5	157.7	157.2	156.8	157.7	157.9	157.0	-.6	.2	
OWN USE		5.5	140.9	140.8													
INDUSTRIAL GENERATION		102.9	89.9	88.9	91.3	89.3	91.2	89.2	92.4	91.5	89.7	89.1	88.2	90.4	2.5	.4	
SALES TO ELECTRIC UTILITIES		5.1	111.5	86.9													
OWN USE		97.8	88.7	88.4	89.9	89.6	88.4	88.7	88.8	88.2	88.2	88.7	88.8	88.5	-.2	.4	

Table 1—B (Continued)
ELECTRIC POWER USE BY INDUSTRIES

Not Seasonally Adjusted, 1967=100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1978 Q 3	1978 Q 4	1979 Q 1	1979 Q 2	1979 Q 3	1979 APR	1979 MAY	1979 JUNE	1979 JULY	1979 AUG	1979 SEP	PER CENT CH. FROM PREV. MO. (P)	PER CENT CH. FROM PREV. YR. (P)
CHEMICALS AND PRODUCTS	28	116.8	135.1	139.7	144.1	137.7	143.1	136.7	145.7	146.0	137.7	135.3	137.0	137.8	.6	-3.1
BASIC CHEMICALS	281	96.4	123.6	127.6	134.3	126.3	131.2	121.9	135.1	135.2	123.4	121.0	122.1	122.5	.3	-6.1
ALKALIES AND CHLORINE	2812	12.3	149.0	150.1	153.8	144.1	152.3	151.7	151.1	154.5	151.3	153.1	152.2	149.9	-1.5	.6
BASIC ORGANIC CHEM.NEC	2818	24.8	142.5	146.5	146.5	141.3	143.0	147.3	142.6	141.8	144.6	145.1	148.0	148.8	.5	1.1
INORGANIC CHEM. NEC	2819	48.6	114.5	119.4	130.8	118.8	124.1	103.1	132.4	131.6	108.1	102.2	103.5	103.7	.2	-16.7
ACID AND FERT. MAT'L.S.	282	18.8	108.0	106.8	112.0	109.9	110.6	110.0	111.1	111.3	109.3	105.8	112.1			
ERDA	2822-4	29.8	118.6	127.4	142.8	124.4	132.6	98.7	146.0	144.6	107.3	99.8	98.0			
SYNTHETIC MATERIALS	282	12.1	192.6	201.0	195.7	196.9	204.8	212.3	202.6	203.7	208.2	209.1	212.7	215.1	1.1	6.4
PLASTICS MATERIALS	2821	4.4	187.3	197.3	195.3	195.2	202.6	206.3	203.5	199.9	204.4	205.8	203.9			
OTHER SYNTHETICS	2822-4	7.7	195.5	203.0	196.0	197.8	206.1	215.6	202.1	205.8	210.3	210.9	217.5			
DRUGS	283	2.0	186.8	203.7	187.4	178.5	198.6	217.3	186.5	196.2	213.3	216.4	215.2	220.5	2.5	7.5
SOAP AND TOILETRIES	284	1.0	145.5	152.0	148.4	146.5	146.9	156.0	143.1	146.2	151.4	152.6	155.1	160.3	3.3	.6
FARM CHEMICALS	287	2.7	154.5	152.6	157.3	158.4	163.5	156.6	165.6	164.6	160.2	154.8	157.6	157.4	-1.1	3.4
PETROLEUM PRODUCTS	29	22.3	174.6	180.7	178.4	172.5	176.9	183.8	174.5	175.8	180.2	184.4	183.9	183.2	-4.4	1.0
RUBBER AND PLASTICS PROD.	30	10.8	180.4	182.2	186.1	186.0	190.5	188.7	188.2	189.7	193.6	180.4	191.7	194.1	1.2	2.4
TIRES	301	3.2	140.3	140.5	140.4	138.1	139.0	134.9	138.8	138.5	139.7	127.4	139.5	137.9	-1.1	-4.9
RUBBER PRODUCTS NEC	306	2.3	130.1	132.4	132.2	137.1	134.9	132.2	135.3	132.8	136.7	125.8	134.6	136.3	1.3	-3.3
PLASTICS PRODUCTS NEC	307	4.8	230.4	233.3	241.8	240.7	251.6	253.7	246.6	251.0	257.1	244.6	255.2	261.4	2.4	7.5
LEATHER AND PRODUCTS	31	1.3	122.6	125.1	120.0	120.2	119.2	116.2	117.6	118.4	121.7	109.3	120.3	118.9	-1.2	-7.4
SHOES	314	.6	104.4	108.7	99.5	99.3	99.9	97.9	97.7	99.7	102.2	91.7	102.9	99.1	-3.6	-10.5
CLAY, GLASS, STONE PRODUCTS	32	20.8	153.2	158.9	160.2	150.1	157.4	161.1	153.6	158.9	159.7	158.5	163.5	161.4	-1.3	.5
FLAT GLASS	321	1.2	128.7	132.1	132.0	128.3	128.9	127.2	127.2	129.8	129.8	127.6	127.5	126.6	-7.7	-5.7
PRESSED AND BLOWN GLASS	322	3.5	205.4	211.7	208.8	206.5	211.6	216.8	209.5	211.4	213.9	213.6	219.8	216.9	-1.3	2.7
CEMENT	324	8.4	122.7	130.8	132.5	110.9	122.1	128.7	117.0	125.8	123.6	126.0	132.3	127.9	-3.3	-3.4
STRUCTURAL CLAY PRODUCTS	325	1.3	115.8	115.1	120.3	122.5	117.8	117.3	117.7	117.2	118.5	115.7	117.6	118.5	.7	1.9
CONCRETE PRODUCTS	327	2.3	199.5	204.2	210.1	203.2	210.0	212.0	205.9	209.4	214.6	208.7	214.1	213.2	-4.4	3.7
PRIMARY METALS	33	132.0	126.8	126.0	130.6	132.1	133.7	130.7	133.5	134.7	132.9	130.5	131.8	129.8	-1.5	2.1
BASIC STEEL & MILL PROD.	331	54.4	117.0	116.1	120.7	122.1	123.0	119.3	123.4	123.5	122.2	119.3	120.5	118.1	-2.0	.6
IRON & STEEL FOUNDRIES	332	5.9	207.5	198.9	216.3	222.8	226.1	205.5	227.1	225.6	225.6	198.9	204.1	213.4	4.6	1.4
PRIMARY NONFERROUS METALS	333	59.5	124.1	124.6	127.5	128.2	130.3	130.5	129.7	131.7	129.5	131.4	131.6	128.4	-2.4	3.6
ALUMINUM	3334	53.6	121.3	123.0	124.6	124.5	126.9	128.3	125.8	128.3	126.5	129.2	129.4	126.2	-2.5	3.4
NONFERROUS MILL PRODUCTS	335	8.4	116.2	115.3	118.0	117.5	117.9	115.8	115.3	120.1	118.4	113.0	118.1	116.4	-1.4	-4.6
NONFERROUS FOUNDRIES	336	1.4	163.0	162.4	170.7	177.1	176.8	171.2	176.1	176.0	178.2	165.2	170.1	178.4	4.9	5.3
FABRICATED METAL PRODUCTS	34	14.8	159.7	161.5	164.3	169.1	169.7	166.9	168.7	169.7	170.8	164.1	167.7	169.0	.8	2.0
METAL CANS	341	1.0	215.8	228.9	212.8	213.5	217.0	224.1	214.8	215.9	220.3	224.4	225.5	222.5	-1.3	-2.7
HARDWARE	342	1.6	156.2	155.9	160.1	161.3	160.9	157.0	160.2	159.6	163.0	154.6	153.4	163.0	6.2	1.5
STRUCTURAL METAL PROD.	344	3.5	137.3	137.5	140.9	148.4	146.9	142.3	147.5	146.7	146.4	140.5	144.9	141.5	-2.4	1.9
FASTENERS	345	1.2	147.0	151.1	153.7	158.2	160.8	159.8	159.2	160.5	162.6	154.0	159.4	166.1	4.2	6.1
METAL STAMPINGS	346	3.1	157.6	157.3	161.6	161.5	162.9	153.5	161.0	164.0	163.7	150.7	154.8	155.1	.2	-5.3
NOELECTRICAL MACHINERY	35	17.3	151.1	155.0	152.8	154.2	156.8	160.5	153.8	155.0	161.5	156.8	160.6	164.1	2.2	2.0
ENGINES AND TURBINES	351	1.4	151.4	152.9	153.6	148.9	151.4	151.9	149.2	150.1	155.0	150.6	147.7	157.3	6.5	-2.0
FARM EQUIPMENT	352	1.2	131.9	130.3	135.2	139.9	139.7	130.7	137.6	137.3	144.3	124.6	128.7	138.7	7.7	-5.1
CONSTRUCTION EQUIPMENT	353	3.0	162.1	161.8	166.3	171.4	173.6	173.3	172.9	170.7	177.2	169.4	172.2	178.4	3.6	4.2
METALWORKING MACHINERY	354	2.8	121.8	124.1	123.9	129.2	128.2	131.3	126.9	128.0	129.8	128.4	131.9	133.7	1.4	4.5
SPECIAL INDUSTRY MACH.	355	1.5	146.2	147.4	145.7	151.1	148.6	150.3	146.7	147.8	151.3	146.6	151.4	152.9	1.0	.4
GENERAL INDUSTRIAL MACH.	356	2.7	143.4	144.7	142.8	144.4	146.2	144.6	143.5	144.1	151.0	140.4	143.4	150.1	4.7	0.0
OFFICE AND COMPUTING MACH.	357	1.4	193.2	208.9	194.4	186.1	195.1	215.3	187.2	192.7	205.4	210.0	219.1	216.8	-1.1	2.6
SERVICE INDUSTRY MACH.	358	1.2	158.5	166.4	155.0	153.2	158.8	161.3	154.6	158.6	163.2	164.5	157.3	162.3	3.2	-3.9
ELECTRICAL MACHINERY	36	19.2	133.2	138.7	136.2	135.8	140.3	141.6	136.4	139.8	144.6	138.3	140.8	145.7	3.5	1.1
ELECT. DISTRIBUTION EQ.	361	1.8	122.8	128.4	124.7	128.2	129.1	123.7	125.9	128.9	132.6	122.9	119.2	129.1	8.3	-2.4
ELECT. INDUST. APPARATUS	362	3.5	118.2	120.7	122.7	123.4	127.8	124.2	125.3	128.9	129.3	123.2	123.8	125.5	1.4	1.0
HOME APPLIANCES	363	2.2	113.1	116.2	112.1	114.6	116.0	113.1	112.3	117.1	118.7	110.9	112.2	116.3	3.7	-3.7
LIGHTING & WIRING PROD.	364	1.5	152.1	150.2	151.5	153.5	155.4	147.3	154.9	153.1	158.0	141.7	140.3	160.0	14.0	-4.4
RADIO AND TV SETS	365	.8	113.6	124.8	113.5	112.0	118.6	128.2	112.2	117.8	126.0	124.1	130.6	129.8	-6.6	1.2
COMMUNICATION EQUIP.	366	3.9	143.7	153.6	149.2	141.6	147.2	158.1	141.7	146.3	153.6	154.0	160.4	159.9	-4.4	.6
ELECTRONIC COMPONENTS	367	4.2	143.0	152.3	146.1	145.7	155.0	164.2	148.5	154.4	162.2	159.5	164.6	168.6	2.5	7.1
TRANSPORTATION EQUIPMENT	37	23.6	133.8	136.0	139.5	137.7	138.7	132.8	135.7	139.1	141.2	133.0	128.6	136.7	6.3	-2.9
MOTOR VEHICLES AND PARTS	371	12.8	152.0	153.3	159.4	156.6	156.4	142.5	151.9	158.6	158.7	143.3	135.8	148.2	9.1	-7.4
AIRCRAFT AND PARTS	372	8.4	87.9	91.6	90.5	88.8	92.6	99.3	92.3	90.4	95.1	99.1	99.3	99.5	.2	7.4
SHIPS AND BOATS	373	1.3	134.2	135.0	138.5	143.7	138.7	141.4	136.8	138.1	141.2	140.4	139.6	144.2	3.2	5.8
INSTRUMENTS	38	3.1	158.6	172.4	159.3	153.5	162.3	172.6	154.2	162.7	170.1	168.9	174.4	174.4	0.0	-1.4
PHOTOGRAPHIC EQUIPMENT	386	1.4	154.4	164.3	157.7	149.2	160.0	165.7	152.5	162.7	164.9	165.2	169.5	162.5	-4.2	-1.9
MISC. MANUFACTURES	39	2.5	154.5	160.6	155.8	154.4	156.7	162.5	154.6	154.3	161.4	155.5	163.8	168.1	2.6	.8
SUPPLEMENTARY GROUPINGS																
TOTAL, EXCLUDING ERDA		530.6	139.8	141.9	143.6	142.4	145.7	145.8	144.1	145.8	147.2	143.7	146.8	146.9	0.0	2.1
ELECTRIC UTILITIES		462.6	150.9	154.2	156.8	154.2	158.7	156.3	158.0	159.5	158.5	153.9	157.3	157.7	.3	.2
SALES TO INDUSTRY		457.1	151.0	154.5	157.1	154.3	158.9	156.7	158.2	159.7	158.7	154.0	157.7	158.3	.3	.2
OWN USE		5.5	140.9	130.6												
INDUSTRIAL GENERATION		102.9	89.9	89.8	92.0	88.1	90.8	90.1	90.2	91.5	90.7	90.6	90.3	89.4	-1.0	.4
SALES TO ELECTRIC UTILITIES		5.1	111.5	116.6												
OWN USE		97.8	88.7	88.4	89.9	88.8	89.0	88.7	88.5	89.8	88.7	88.7	89.5	87.8	-1.8	.4

P--PRELIMINARY

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 2 are reviewed and edited monthly. The seasonal factors currently being used were developed from data through 1978, edited to minimize the effect of the sharp cyclical decline and recovery in industrial production in 1974 and 1975.

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.