

FEDERAL RESERVE statistical release



G.12.3

For release at 9:30 a.m. (EDT)
June 15, 1984

INDUSTRIAL PRODUCTION

Industrial production increased an estimated 0.4 percent in May following a revised 1.1 percent rise in April. The gain in April previously had been estimated at 1.4 percent. In May, production advanced moderately in most industries, although there was a slight decline in the output of autos. At 163.2 percent of the 1967 average, industrial output in May was 13 percent higher than a year ago and 21 percent above the November 1982 trough.

Market Groupings

Overall output of consumer goods was unchanged in May with an increase of 0.3 percent in the production of home goods, a small decline in the output of automotive products, and little change in the output of nondurable consumer goods. Autos were assembled at a seasonally adjusted annual rate of 7.6 million units, slightly lower than the April pace. Business equipment production increased 0.9 percent in May, due largely to an increase in oil and gas well drilling activity which had declined in each of the four preceding months. Output of construction supplies was about unchanged, but production of general business supplies increased further.

Output of materials advanced 0.5 percent in May with both durable and nondurable materials showing smaller increases than in April. However, output of energy materials rose after a small decline in the previous month.

Industry Groupings

Manufacturing production increased 0.4 percent with gains of 0.5 percent in durables and 0.2 percent in nondurables. Mining output increased sharply by 1.8 percent reflecting increases in coal production as well as the turnaround in oil and gas well drilling activity. Production by utilities increased 0.6 percent.

Industrial Production: Summary

Seasonally adjusted

Item	Index, 1967 = 100		Monthly percent change					Current month from a year ago
	1984							
	APR.	MAY	JAN.	FEB.	MAR.	APR.	MAY	
Total	162.5	163.2	1.5	.9	.5	1.1	.4	13.0
Market Groupings								
Products, total	162.6	163.3	1.5	.4	.4	.9	.4	11.7
Final products	160.3	161.0	1.5	.3	.4	1.1	.4	11.4
Consumer goods	161.7	161.7	1.1	-.1	.4	1.1	.0	7.5
Durable goods	162.4	162.4	3.0	-.6	.3	-.4	.0	11.6
Nondurable goods	161.4	161.5	.4	.2	.4	1.6	.1	6.0
Business equipment	173.8	175.4	2.0	.7	.2	.9	.9	18.8
Defense and space	132.7	133.8	2.1	.9	.4	2.1	.8	13.8
Intermediate products	171.3	171.8	1.5	.7	.8	.6	.3	12.9
Construction supplies	160.4	160.3	2.6	.7	1.7	.7	-.1	15.8
Materials	162.3	163.1	1.4	1.8	.7	1.1	.5	15.1
Industry Groupings								
Manufacturing	164.1	164.7	1.7	1.2	.4	1.2	.4	13.5
Durable	153.2	154.0	2.5	1.3	.5	1.3	.5	17.6
Nondurable	179.9	180.2	.7	1.1	.3	1.2	.2	8.9
Mining	122.8	125.0	.9	-.6	-.2	-.8	1.8	10.8
Utilities	179.5	180.5	-.8	-2.5	2.0	-.3	.6	6.4

FEDERAL RESERVE

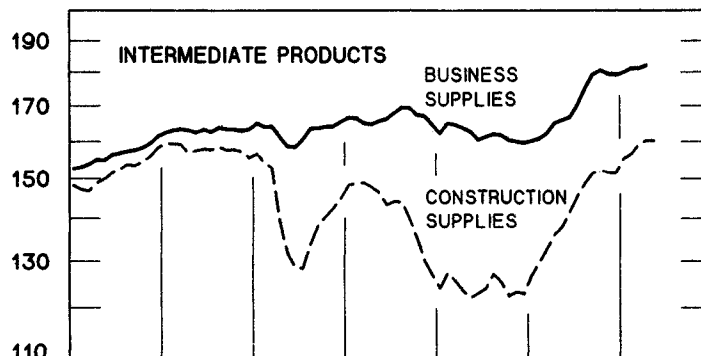
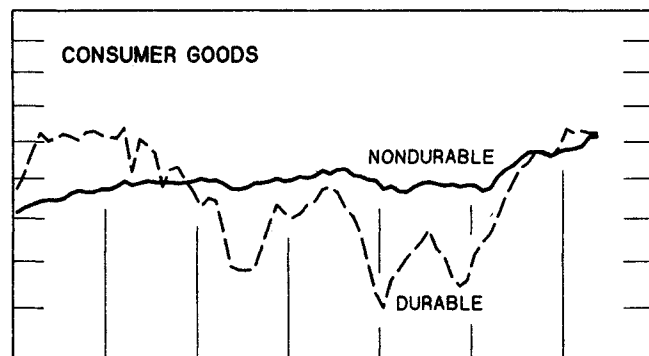
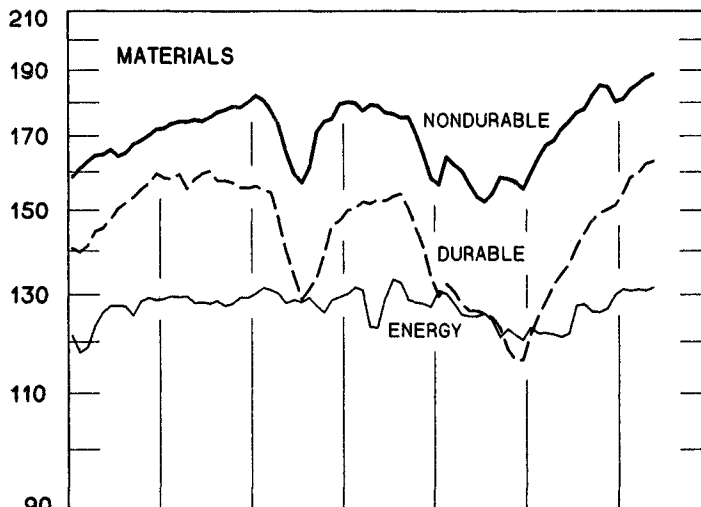
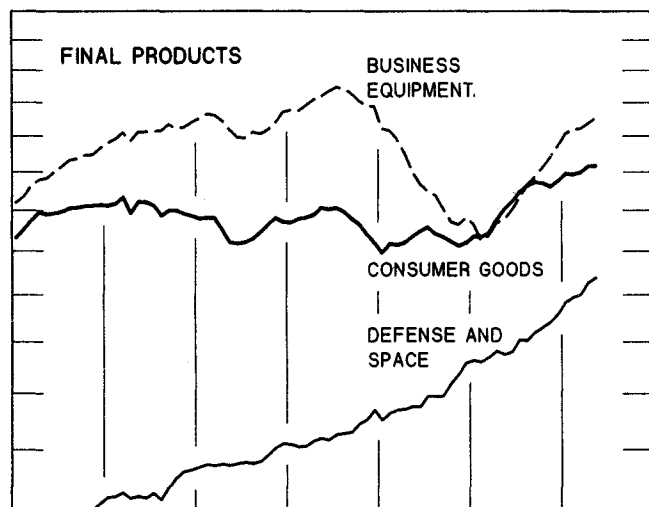
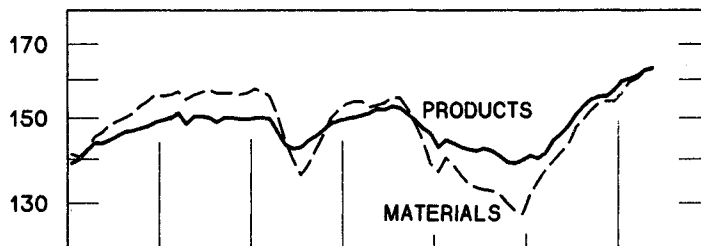


Industrial Production

INDUSTRIAL PRODUCTION

MAY DATA

SEASONALLY ADJUSTED, RATIO SCALE, 1967=100



1969-70=100

ANNUAL RATE, MILLIONS OF UNITS

1967=100

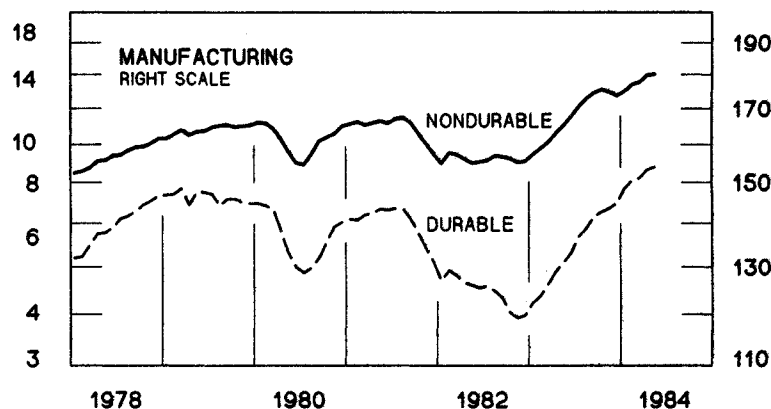
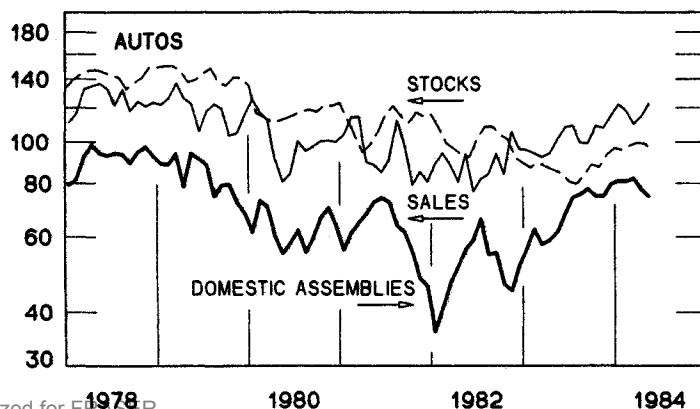


Table 1A
INDUSTRIAL PRODUCTION: MARKET GROUPINGS
 Seasonally adjusted, 1967=100

MAJOR MARKET GROUPINGS	1967 PRO- POR- TION	1983 AVG. MAY	1984										1984				
			MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY		
TOTAL INDEX	100.00	147.6	144.4	146.4	149.7	151.8	153.8	155.0	155.3	156.2	158.5	160.0	160.8	162.5	163.2		
PRODUCTS, TOTAL	60.71	149.2	146.2	148.1	150.9	153.2	154.9	155.6	155.8	157.4	159.7	160.4	161.1	162.6	163.3		
FINAL PRODUCTS	47.82	147.1	144.5	146.4	149.0	150.7	152.1	152.7	153.2	155.2	157.5	158.0	158.6	160.3	161.0		
CONSUMER GOODS	27.68	151.7	150.4	152.4	154.8	156.3	157.3	156.9	156.1	157.7	159.5	159.4	160.0	161.7	161.7		
EQUIPMENT	20.14	140.8	136.5	138.2	141.0	143.1	144.9	147.0	149.1	151.8	154.9	156.1	156.6	158.4	159.9		
INTERMEDIATE PRODUCTS	12.89	156.6	152.2	154.5	158.1	162.2	165.4	166.5	165.5	165.4	167.8	169.0	170.3	171.3	171.8		
MATERIALS	39.29	145.2	141.7	143.7	147.8	149.7	152.2	154.0	154.5	154.5	156.6	159.4	160.5	162.3	163.1		
CONSUMER GOODS																	
DURABLE CONSUMER GOODS	7.89	147.5	145.5	149.2	152.9	154.2	157.5	156.7	155.9	158.6	163.4	162.5	163.0	162.4	162.4		
AUTOMOTIVE PRODUCTS	2.83	158.2	152.2	160.0	167.0	168.1	172.9	171.3	171.5	178.4	184.5	182.1	183.8	178.9	178.2		
AUTOS & UTILITY VEHICLES	2.03	134.0	124.9	135.4	145.4	147.0	153.1	149.2	149.2	157.8	163.3	162.2	163.8	156.7	155.5		
AUTOS, TOTAL	1.90	117.4	107.4	118.3	129.8	132.0	135.0	129.6	129.4	137.4	140.7	140.4	142.4	134.5	132.9		
AUTO PARTS & ALLIED GOODS	.80	219.6	221.5	222.6	221.9	221.8	223.1	227.4	228.2	230.7	238.4	232.6	234.7	235.3	236.0		
HOME GOODS	5.06	141.4	141.8	143.2	144.9	146.4	148.8	148.4	147.2	147.5	151.5	151.5	151.3	153.2	153.6		
APPLIANCES, AIR COND & TV	1.40	116.4	112.8	114.4	116.2	121.2	125.2	129.2	127.0	126.3	136.4	135.1	134.4	137.1	137.2		
APPLIANCES AND TV	1.33	120.1	116.1	118.4	119.7	125.0	129.7	133.3	131.3	130.2	140.0	138.6	138.0	139.8			
CARPETING AND FURNITURE	1.07	178.1	181.9	185.6	187.3	187.5	186.3	185.5	182.7	184.0	183.1	178.7	180.2	185.1			
MISC. HOME GOODS	2.59	139.9	140.9	141.3	143.0	143.2	146.1	143.6	143.4	143.9	146.7	149.1	148.5	148.7	149.1		
NONDURABLE CONSUMER GOODS	19.79	153.4	152.3	153.6	155.6	157.1	157.2	157.1	156.1	157.3	157.9	158.2	158.8	161.4	161.5		
CLOTHING	4.29																
CONSUMER STAPLES	15.50	163.7	162.8	164.3	166.1	168.0	167.6	167.2	165.4	166.0	166.5	166.9	167.7	170.3	170.6		
CONSUMER FOODS & TOBACCO	8.33	153.5	153.2	155.9	156.6	156.3	154.6	156.0	154.5	155.4	156.5	156.8	157.1				
NONFOOD STAPLES	7.17	175.4	174.0	174.1	177.2	181.6	182.7	180.3	178.1	178.3	178.2	178.7	179.9	182.4	183.1		
CONSUMER CHEMICAL PROD	2.63	231.0	227.8	229.0	233.8	239.7	240.0	238.7	232.4	229.9	231.6	231.9	230.9	234.8			
CONSUMER PAPER PRODUCTS	1.92	132.7	128.6	130.1	132.6	137.4	138.2	137.6	136.6	137.2	138.8	140.3	141.8	143.6			
CONSUMER ENERGY PROD	2.62	150.9	153.4	151.2	153.2	155.7	157.7	153.0	154.1	156.5	153.4	153.3	156.7	158.3			
RESIDENTIAL UTILITIES	1.45	173.4	174.3	170.5	173.2	179.9	182.8	174.5	175.8	185.2	180.0	172.8	177.7				
EQUIPMENT																	
BUSINESS EQUIPMENT	12.63	153.3	147.7	150.2	153.3	156.6	158.7	161.3	164.1	167.3	170.7	171.9	172.3	173.8	175.4		
INDUSTRIAL EQUIPMENT	6.77	120.4	114.5	116.3	119.9	124.3	125.6	126.6	128.6	130.8	133.7	134.6	135.0	135.9	137.8		
BUILDING AND MINING EQUIP	1.44	159.3	146.2	148.7	154.4	159.2	160.8	166.9	175.8	185.3	185.1	182.0	174.9	172.1	179.9		
MANUFACTURING EQUIPMENT	3.85	107.1	102.5	105.0	108.9	113.3	115.0	114.6	114.3	115.1	119.7	120.9	124.7	126.8	127.0		
POWER EQUIPMENT	1.47	117.1	115.0	114.1	114.6	119.0	118.8	118.5	119.4	118.4	120.0	123.8	122.7	124.3	124.7		
COM'L, TRANSIT, FARM EQ	5.86	191.3	186.1	189.5	191.9	194.0	196.9	201.3	205.1	209.6	213.3	215.1	215.5	217.5	218.9		
COMMERCIAL EQUIPMENT	3.26	273.2	265.0	270.9	276.0	277.4	281.7	288.1	292.5	298.9	303.2	305.9	306.7	309.9	311.4		
TRANSIT EQUIPMENT	1.93	95.2	92.6	93.2	92.0	95.9	97.6	100.0	103.2	106.0	110.1	110.1	110.2	110.3	112.0		
FARM EQUIPMENT	.67	69.5	71.3	70.4	70.8	70.8	70.6	70.9	73.5	73.5	73.6	75.7	75.0	76.8			
DEFENSE AND SPACE EQUIPMENT	7.51	119.9	117.6	118.0	120.4	120.2	121.8	122.9	124.0	125.7	128.3	129.5	130.0	132.7	133.8		
INTERMEDIATE PRODUCTS																	
CONSTRUCTION SUPPLIES	6.42	142.5	138.4	142.1	145.8	149.0	151.4	152.3	151.6	151.5	155.5	156.6	159.3	160.4	160.3		
BUSINESS SUPPLIES	6.47	170.7	166.0	166.8	170.4	175.3	179.3	180.6	179.4	179.3	180.1	181.3	181.3	182.1			
COMMERCIAL ENERGY PRODUCTS	1.14	184.3	183.1	181.4	185.2	186.9	190.2	187.0	187.6	188.0	192.1	191.6	187.2	188.0			
MATERIALS																	
DURABLE GOODS MATERIALS	20.35	138.6	134.7	137.0	141.1	144.2	147.4	149.4	150.3	151.3	154.6	158.6	159.6	162.3	163.0		
DURABLE CONSUMER PARTS	4.58	113.6	108.5	109.5	115.6	119.9	123.1	124.9	125.0	127.9	131.6	133.1	133.0	134.2	134.9		
EQUIPMENT PARTS	5.44	176.4	170.6	175.8	180.8	183.6	186.0	188.3	192.5	193.4	198.2	204.0	206.7	211.3	212.3		
DURABLE MATERIALS NEC	10.34	129.9	127.5	128.7	131.5	134.2	137.8	139.8	139.3	139.5	141.8	146.0	146.6	148.9	149.5		
BASIC METAL MATERIALS	5.57	90.2	89.3	89.6	90.8	93.1	94.8	98.0	97.1	96.9	97.7	103.0	103.5	105.6			
NONDURABLE GOODS MATERIALS	10.47	174.5	172.1	174.3	177.0	178.0	182.3	185.3	184.8	180.3	181.2	184.1	185.8	187.7	188.8		
TEXTILE, PAPER, & CHEM MAT	7.62	182.6	180.2	182.8	186.1	186.4	191.6	195.4	194.7	189.6	190.5	193.9	195.3	197.2	198.3		
TEXTILE MATERIALS	1.85	116.2	114.6	116.0	119.0	121.5	123.1	124.0	121.9	121.3	119.9	119.9	121.6	121.1			
PAPER MATERIALS	1.62	158.2	154.4	155.0	161.1	161.8	165.5	166.3	169.8	166.0	167.0	166.8	163.3	170.6			
CHEMICAL MATERIALS	4.15	221.7	219.6	223.6	225.9	225.1	232.4	238.7	237.0	229.3	231.3	237.6	240.7	241.6			
CONTAINERS, NONDURABLE	1.70	167.9	164.3	166.1	166.5	170.6	173.8	175.9	176.6	173.0	173.5	173.0	175.5	178.1			
NONDURABLE MATERIALS NEC	1.14	130.5	129.7	129.9	131.3	133.0	132.7	131.9	130.6	129.5	130.5	135.2	138.2	138.6			
ENERGY MATERIALS	8.48	124.8	121.1	121.8	127.7	128.0	126.4	126.3	127.1	130.0	131.3	131.0	131.2	131.0	131.6		
PRIMARY ENERGY	4.65	114.7	113.8	112.6	115.4	113.9	112.9	114.1	115.5	117.6	119.3	121.3	119.6	119.2			
CONVERTED FUEL MATERIALS	3.82	137.0	129.9	132.9	142.7	145.2	142.8	141.2	141.1	145.1	145.8	142.8	145.4	145.3			
SUPPLEMENTARY GROUPS																	
HOME GOODS AND CLOTHING	9.35	129.9	129.2	130.2	132.3	133.3	135.5	135.5	135.9	137.6	140.1	140.3	140.1	142.0	142.1		
ENERGY, TOTAL	12.23	135.9	133.8	133.6	138.5	139.4	139.1	137.7	138.5	141.1	141.6	141.4	141.9	142.1	142.7		
PRODUCTS	3.76	161.0	162.4	160.4	162.9	165.2	167.5	163.3	164.3	166.0	165.1	164.9	165.9	167.3			
MATERIALS	8.48	124.8	121.1	121.8	127.7	128.0	126.4	126.3	127.1	130.0	131.3	131.0	131.2	131.0	131.6		

Table 1B

INDUSTRIAL PRODUCTION: MARKET GROUPINGS

Not seasonally adjusted, 1967=100

MAJOR MARKET GROUPINGS	1967	1983	1983					1984									
	PRO- POR- TION	AVG.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY		
TOTAL INDEX	100.00	147.6	143.9	149.7	147.0	153.3	158.4	158.4	154.7	151.5	154.3	160.2	161.4	161.6	162.3		
PRODUCTS, TOTAL	60.71	149.2	144.5	151.8	149.9	156.5	162.0	160.3	155.2	151.3	154.1	159.1	160.1	160.2	161.0		
FINAL PRODUCTS	47.82	147.1	142.5	149.8	147.5	153.3	159.2	157.5	152.5	149.1	152.4	157.3	157.9	157.8	158.5		
CONSUMER GOODS	27.68	151.7	147.9	156.4	152.4	160.7	166.5	163.6	154.6	148.3	153.1	158.7	159.6	159.3	158.9		
EQUIPMENT	20.14	140.8	135.2	140.7	140.7	143.2	149.2	149.2	149.6	150.3	151.5	155.3	155.5	155.7	157.9		
INTERMEDIATE PRODUCTS	12.89	156.6	151.6	159.2	158.9	168.1	172.3	170.4	165.2	159.2	160.2	166.0	168.2	169.4	170.5		
MATERIALS	39.29	145.2	143.1	146.6	142.4	148.5	152.9	155.6	154.0	151.8	154.7	161.8	163.5	163.8	164.1		
CONSUMER GOODS																	
DURABLE CONSUMER GOODS	7.89	147.5	147.6	154.9	137.8	147.0	161.7	167.9	157.0	147.7	158.2	166.4	169.2	166.0	163.7		
AUTOMOTIVE PRODUCTS	2.83	158.2	159.9	170.8	139.8	145.8	171.5	188.5	173.5	161.9	181.4	190.0	198.9	186.5	181.9		
AUTOS & UTILITY VEHICLES	2.03	134.0	138.7	152.5	112.0	114.4	146.9	168.7	151.2	135.4	159.6	172.9	184.5	168.4	163.9		
AUTOS, TOTAL	1.90	117.4	121.6	134.1	98.9	99.8	128.1	147.2	131.5	118.3	137.9	150.1	161.1	148.3	140.2		
AUTO PARTS & ALLIED GOODS	.80	219.6	213.7	217.0	210.5	225.5	233.8	238.6	230.0	229.0	236.5	233.5	235.3	232.4	227.7		
HOME GOODS	5.06	141.4	140.7	146.1	136.6	147.6	156.2	156.4	147.8	139.8	145.2	153.1	152.6	154.5	153.4		
APPLIANCES, AIR COND & TV	1.40	116.4	115.1	118.5	103.8	115.9	131.2	144.2	122.5	104.8	134.9	141.9	141.2	144.1	140.3		
APPLIANCES AND TV	1.33	120.1	117.3	122.3	107.2	121.2	137.2	150.1	127.4	108.2	137.6	144.2	143.1	144.6			
CARPETING AND FURNITURE	1.07	178.1	177.9	187.1	169.8	188.4	195.5	194.2	186.9	182.1	173.9	183.3	182.6	187.2			
MISC. HOME GOODS	2.59	139.9	139.2	144.1	140.7	147.9	153.5	147.4	145.3	141.3	139.0	146.7	146.5	146.6	148.4		
NONDURABLE CONSUMER GOODS	19.79	153.4	148.0	157.0	158.3	166.2	168.5	161.9	153.7	148.5	151.1	155.7	155.8	156.6	157.0		
CLOTHING	4.29																
CONSUMER STAPLES	15.50	163.7	157.2	167.1	171.0	178.4	180.2	171.9	163.1	159.4	160.5	162.6	162.6	163.6	164.8		
CONSUMER FOODS & TOBACCO	8.33	153.5	150.0	159.5	156.9	163.4	166.5	164.5	154.5	147.3	147.6	151.2	153.8				
NONFOOD STAPLES	7.17	175.4	165.5	175.9	187.3	195.7	196.1	180.5	173.0	173.3	175.6	175.7	172.9	173.5	174.1		
CONSUMER CHEMICAL PROD	2.63	231.0	224.3	239.8	248.8	255.1	261.8	247.0	230.6	216.8	215.4	219.4	219.5	226.4			
CONSUMER PAPER PRODUCTS	1.92	132.7	124.8	132.5	139.6	149.9	148.8	141.1	133.9	130.7	130.7	135.8	136.7	138.4			
CONSUMER ENERGY PROD	2.62	150.9	136.5	143.6	160.5	169.7	164.8	142.7	144.0	161.0	168.5	161.0	152.6	146.0			
RESIDENTIAL UTILITIES	1.45	173.4	147.1	155.8	185.5	204.0	193.5	158.1	155.0	188.6	207.3	187.8	175.6				
EQUIPMENT																	
BUSINESS EQUIPMENT	12.63	153.3	145.9	153.8	153.4	157.4	165.4	164.8	164.0	163.3	165.5	170.6	170.5	170.3	172.5		
INDUSTRIAL EQUIPMENT	6.77	120.4	113.1	118.0	117.6	124.1	130.2	127.5	129.8	129.4	130.9	135.0	134.8	134.2	135.3		
BUILDING AND MINING EQUIP	1.44	159.3	143.6	148.7	151.6	158.1	165.6	170.2	179.7	186.6	184.2	179.7	171.9	168.5	175.4		
MANUFACTURING EQUIPMENT	3.85	107.1	101.3	106.9	107.0	113.3	119.5	114.1	114.8	112.5	116.1	122.7	125.7	125.8	124.8		
POWER EQUIPMENT	1.47	117.1	114.2	116.7	111.8	119.1	123.4	120.7	120.3	117.2	117.2	123.3	122.1	122.4	123.5		
COM'L, TRANSIT, FARM EQ	5.86	191.3	183.8	195.2	194.9	196.0	206.1	207.9	203.5	202.6	205.5	211.8	211.9	212.1	215.4		
COMMERCIAL EQUIPMENT	3.26	273.2	259.7	279.1	286.1	286.5	297.4	297.5	290.4	287.5	289.2	299.0	296.2	299.4	303.0		
TRANSIT EQUIPMENT	1.93	95.2	94.1	95.9	86.2	89.2	97.5	103.4	103.1	104.8	110.2	110.7	115.6	111.1	115.1		
FARM EQUIPMENT	.67	69.5	72.8	73.2	64.1	62.8	74.2	73.2	70.2	71.0	72.1	78.8	79.3	78.7			
DEFENSE AND SPACE EQUIPMENT	7.51	119.9	117.2	118.7	119.2	119.3	121.9	122.9	125.3	128.4	127.9	129.4	130.1	131.1	133.4		
INTERMEDIATE PRODUCTS																	
CONSTRUCTION SUPPLIES	6.42	142.5	140.4	147.8	143.7	150.6	155.2	155.8	152.2	144.7	146.8	155.5	159.9	162.5	161.9		
BUSINESS SUPPLIES	6.47	170.7	162.7	170.4	173.9	185.5	189.3	184.9	178.1	173.7	173.5	176.3	176.4	176.3			
COMMERCIAL ENERGY PRODUCTS	1.14	184.3	171.2	183.7	200.6	207.8	205.7	186.0	178.0	181.1	194.4	186.0	179.7	174.8			
MATERIALS																	
DURABLE GOODS MATERIALS	20.35	138.6	137.3	140.1	136.0	141.3	148.4	151.4	150.2	150.0	150.8	160.0	163.1	164.4	165.6		
DURABLE CONSUMER PARTS	4.58	113.6	110.0	110.7	108.9	114.4	123.2	127.2	127.7	130.9	129.6	134.2	135.3	136.1	136.5		
EQUIPMENT PARTS	5.44	176.4	171.4	177.3	176.1	179.2	186.8	189.4	194.0	197.3	197.4	204.8	208.6	211.1	213.8		
DURABLE MATERIALS NEC	10.34	129.9	131.5	133.6	126.9	133.3	139.4	142.1	137.0	133.5	135.6	147.9	151.5	152.4	153.1		
BASIC METAL MATERIALS	5.57	90.2	96.7	94.2	84.5	88.3	92.9	98.1	91.4	90.6	97.3	106.9	112.1	111.4			
NONDURABLE GOODS MATERIALS	10.47	174.5	173.8	179.1	166.7	177.7	183.9	189.5	184.8	172.2	177.7	188.0	189.9	191.0	190.1		
TEXTILE, PAPER, & CHEM MAT	7.62	182.6	182.8	188.2	175.7	185.8	193.5	198.0	194.3	181.4	186.3	198.0	199.8	201.7	200.9		
TEXTILE MATERIALS	1.85	116.2	118.3	122.6	102.2	127.3	126.6	132.1	122.6	111.3	116.6	121.3	124.0	120.7			
PAPER MATERIALS	1.62	158.2	160.3	160.1	148.4	162.7	162.2	169.1	168.1	149.8	165.0	173.9	171.8	174.4			
CHEMICAL MATERIALS	4.15	221.7	220.5	228.5	219.1	221.0	235.6	238.7	236.6	225.1	225.7	241.7	244.6	248.6			
CONTAINERS, NONDURABLE	1.70	167.9	164.8	173.8	158.8	175.9	177.1	182.8	171.1	153.5	167.5	178.7	181.6	180.5			
NONDURABLE MATERIALS NEC	1.14	130.5	126.5	126.1	118.6	126.0	129.6	142.8	141.9	138.6	135.4	135.6	136.1	134.5			
ENERGY MATERIALS	8.48	124.8	119.0	121.9	127.8	129.8	125.6	123.7	125.0	131.2	135.8	133.7	132.0	128.7	128.6		
PRIMARY ENERGY	4.65	114.7	114.3	114.3	112.7	113.8	113.3	113.7	115.0	116.8	119.6	122.6	120.9	120.4			
CONVERTED FUEL MATERIALS	3.82	137.0	124.6	131.0	146.2	149.3	140.6	135.8	137.0	148.8	155.4	147.2	145.6	138.8			
SUPPLEMENTARY GROUPS																	
HOME GOODS AND CLOTHING	9.35	129.9	128.7	134.4	125.5	135.9	142.4	142.3	134.9	125.8	132.3	142.9	142.8	143.9	142.2		
ENERGY, TOTAL	12.23	135.9	127.6	132.3	141.6	145.6	141.5	133.5	134.0	142.2	148.2	144.4	140.9	136.7	136.1		
PRODUCTS	3.76	161.0	147.0	155.7	172.7	181.3	177.2	155.8	154.3	167.1	176.3	168.6	160.9	154.7			
MATERIALS	8.48	124.8	119.0	121.9	127.8	129.8	125.6	123.7	125.0	131.2	135.8	133.7	132.0	128.7	128.6		

Table 2A

INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS

Seasonally adjusted, 1967=100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967	1983	1983	1984												
		PRO- TION	1983 AVG.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	
MINING AND UTILITIES		12.05	142.9	139.7	139.6	143.8	146.0	146.5	145.8	147.2	151.5	151.4	148.9	150.4	149.6	151.2	
MINING		6.36	116.6	112.8	112.6	115.0	116.1	117.1	118.3	121.1	123.7	124.8	124.1	123.8	122.8	125.0	
UTILITIES		5.69	172.4	169.7	169.8	176.0	179.3	179.3	176.5	176.3	182.5	181.0	176.5	180.0	179.5	180.5	
MANUFACTURING		187.95	148.2	145.1	147.4	150.6	152.8	155.1	156.2	156.4	156.8	159.5	161.4	162.1	164.1	164.7	
NONDURABLE		35.97	168.1	165.4	167.8	170.6	172.9	174.6	175.6	174.8	173.9	175.2	177.2	177.8	179.9	180.2	
DURABLE		51.98	134.5	131.0	133.2	136.8	138.8	141.6	142.8	143.6	145.0	148.6	150.5	151.2	153.2	154.0	
MINING																	
METAL MINING	10	.51	80.9	84.4	82.9	82.5	80.9	78.7	81.0	84.6	82.3	89.4	97.4	100.0	99.8		
COAL	11,12	.69	136.3	125.6	124.6	139.9	141.2	140.5	142.7	144.8	145.2	151.5	163.2	164.0	151.4	153.4	
OIL AND GAS EXTRACTION	13	4.40	116.6	112.5	112.6	113.9	114.7	116.3	117.3	119.8	123.4	123.1	119.6	118.1	118.2	120.8	
STONE AND EARTH MINERALS	14	.75	122.8	122.5	121.7	121.2	125.0	126.5	127.4	132.2	133.9	134.8	133.0	137.0	139.5		
NONDURABLE MANUFACTURES																	
FOODS	20	8.75	156.4	155.6	157.7	159.9	159.3	158.2	157.6	157.1	157.7	159.4	160.0	161.2			
TOBACCO PRODUCTS	21	.67	112.1	112.9	120.0	112.9	117.1	112.7	109.1	109.5	112.3	116.4	110.9	111.8			
TEXTILE MILL PRODUCTS	22	2.68	140.8	139.6	141.8	146.7	147.4	148.7	148.7	145.8	145.0	143.9	142.3	143.5	144.9		
APPAREL PRODUCTS	23	3.31															
PAPER AND PRODUCTS	26	3.21	164.3	161.5	163.0	165.1	168.6	170.4	171.5	172.1	170.1	172.3	176.6	174.5	175.1	176.2	
PRINTING AND PUBLISHING	27	4.72	152.5	145.2	147.4	152.0	157.8	161.7	162.7	162.0	161.7	163.4	164.8	165.2	166.0	165.4	
CHEMICALS AND PRODUCTS	28	7.74	215.0	211.0	214.7	218.3	220.3	224.1	228.4	225.6	221.1	221.5	224.8	225.7	228.6		
PETROLEUM PRODUCTS	29	1.79	120.3	123.8	123.0	124.3	123.2	125.1	123.6	125.4	114.4	118.8	127.6	127.0	129.3	130.1	
RUBBER & PLASTICS PRODUCTS	30	2.24	291.9	288.0	293.8	296.1	306.9	310.9	310.8	309.1	314.4	317.2	318.5	323.8	328.7		
LEATHER AND PRODUCTS	31	.86	61.9	59.6	60.1	62.3	64.4	64.2	64.0	63.2	66.0	61.4	63.9	63.8	64.4		
DURABLE MANUFACTURES																	
ORDNANCE, PYT & GOVT	19,91	3.64	95.4	92.6	93.3	95.2	96.8	98.0	98.8	99.3	99.8	99.7	99.6	100.6	101.5	102.0	
LUMBER AND PRODUCTS	24	1.64	137.2	135.8	137.4	141.3	141.6	142.3	141.7	141.0	143.8	146.0	145.6	149.3	150.0		
FURNITURE AND FIXTURES	25	1.37	170.5	169.6	173.1	175.2	179.0	180.7	181.0	177.5	177.9	183.8	185.6	185.0	189.3		
CLAY, GLASS, STONE PROD	32	2.74	143.4	139.2	141.7	145.8	147.9	151.7	151.9	152.7	153.8	157.8	160.4	160.2	161.5		
PRIMARY METALS	33	6.57	85.4	84.9	84.8	85.5	87.5	90.6	95.3	92.2	90.4	93.2	98.4	97.6	99.9	100.9	
IRON AND STEEL	331,2	4.21	71.5	69.5	69.7	71.8	75.1	78.2	84.3	79.2	74.1	80.7	86.0	84.4	86.7		
FABRICATED METAL PRCD	34	5.93	120.2	115.5	118.5	122.7	126.0	127.4	126.9	128.5	129.2	131.7	132.8	134.9	136.7	137.0	
NONELECTRICAL MACHINERY	35	9.15	150.6	146.1	149.5	154.2	157.3	158.3	159.2	161.8	164.3	169.5	170.9	171.8	175.5	176.2	
ELECTRICAL MACHINERY	36	8.05	185.5	180.1	182.4	188.3	189.2	195.8	198.4	200.1	201.5	206.2	209.9	210.9	214.5	216.1	
TRANSPORTATION EQUIP	37	9.27	117.8	113.8	116.6	119.7	121.1	124.7	125.5	127.3	130.8	134.9	135.2	135.4	135.0	135.3	
MOTOR VEHICLES & PTS	371	4.50	137.1	130.4	136.2	142.3	144.3	150.9	150.9	152.9	158.9	166.3	164.4	165.8	162.6	163.0	
AEROSPACE & MISC	372-9	4.77	99.6	98.1	98.1	98.5	99.2	100.0	101.6	103.2	104.3	105.3	107.7	106.8	109.0	109.3	
INSTRUMENTS	38	2.11	158.7	156.0	156.1	159.3	161.6	163.6	163.0	163.0	164.6	167.8	168.6	169.7	171.9	172.9	
MISCELLANEOUS MPRS	39	1.51	146.2	149.0	151.0	153.7	153.1	151.7	149.1	148.9	149.3	151.1	152.0	152.4	153.5	153.1	
UTILITIES																	
ELECTRIC		3.88	196.0	192.9	192.0	200.9	205.4	204.5	200.7	200.2	208.0	206.8	200.0	204.6	204.0	205.3	

Table 3A

INDUSTRIAL PRODUCTION: PERCENT CHANGES

Based on seasonally adjusted indexes

	1983								1984				
	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.		JAN.	FEB.	MAR.	APR.	MAY
CHANGE FROM PREVIOUS MONTH													
TOTAL INDEX	1.4	2.3	1.4	1.3	.8	.2	.6		1.5	.9	.5	1.1	.4
FINAL PRODUCTS	1.3	1.8	1.1	.9	.4	.3	1.3		1.5	.3	.4	1.1	.4
CONSUMER GOODS	1.3	1.6	1.0	.6	-.3	-.5	1.0		1.1	-.1	.4	1.1	.0
DURABLE CONSUMER GOODS	2.5	2.5	.9	2.1	-.5	-.5	1.7		3.0	-.6	.3	-.4	.0
NONDURABLE CONSUMER GOODS	.9	1.3	1.0	.1	-.1	-.6	.8		.4	.2	.4	1.6	.1
BUSINESS EQUIPMENT	1.7	2.1	2.2	1.3	1.6	1.7	2.0		2.0	.7	.2	.9	.9
INTERMEDIATE PRODUCTS	1.5	2.3	2.6	2.0	.7	-.6	-.1		1.5	.7	.8	.6	.3
MATERIALS	1.4	2.9	1.3	1.7	1.2	.3	.0		1.4	1.8	.7	1.1	.5
DURABLE GOODS MATERIALS	1.7	3.0	2.2	2.2	1.4	.6	.7		2.2	2.6	.6	1.7	.4
NONDURABLE GOODS MATERIALS	1.3	1.5	.6	2.4	1.6	-.3	-.2		.5	1.6	.9	1.0	.6
MANUFACTURING	1.6	2.2	1.5	1.5	.7	.1	.3		1.7	1.2	.4	1.2	.4
NONDURABLE	1.5	1.7	1.3	1.0	.6	-.5	-.5		.7	1.1	.3	1.2	.2
DURABLE	1.7	2.7	1.5	2.0	.8	.6	1.0		2.5	1.3	.5	1.3	.5
MINING AND UTILITIES	-.1	3.0	1.5	.3	-.5	1.0	2.9		-.1	-1.7	1.0	-.5	1.1
CHANGE FROM SAME MONTH A YEAR AGO													
TOTAL INDEX	5.6	7.9	9.7	12.0	14.2	15.1	15.5		15.4	15.9	14.9	14.0	13.0
FINAL PRODUCTS	3.0	4.6	6.7	8.6	10.1	10.8	11.3		12.4	13.8	13.4	12.3	11.4
CONSUMER GOODS	5.2	6.2	8.5	9.7	10.3	10.5	11.1		11.1	11.2	10.9	9.5	7.5
DURABLE CONSUMER GOODS	10.8	11.4	16.0	20.0	23.9	25.1	26.0		24.2	20.9	19.6	15.6	11.6
NONDURABLE CONSUMER GOODS	3.2	4.4	5.7	6.1	5.8	5.5	6.0		6.5	7.6	7.7	7.2	6.0
BUSINESS EQUIPMENT	-4.1	-1.0	1.8	5.4	9.7	12.1	13.0		16.4	20.5	19.9	18.3	18.8
INTERMEDIATE PRODUCTS	8.9	10.7	12.1	15.1	17.6	16.7	16.9		16.8	16.3	15.2	13.6	12.9
MATERIALS	7.6	11.1	12.7	15.3	18.5	20.3	20.9		18.6	18.2	16.6	16.2	15.1
DURABLE GOODS MATERIALS	8.2	12.0	15.3	19.8	26.1	29.1	29.9		27.2	26.6	24.0	22.6	21.0
NONDURABLE GOODS MATERIALS	13.6	16.2	15.2	15.0	17.1	17.5	15.9		13.5	12.3	10.9	11.3	9.7
MANUFACTURING	7.0	9.1	10.7	13.1	15.7	16.7	16.6		16.7	16.8	15.5	14.7	13.5
NONDURABLE	8.0	9.6	10.2	11.4	12.4	12.6	11.8		11.3	11.4	10.6	10.2	8.9
DURABLE	6.1	8.7	11.1	14.7	18.7	20.4	20.9		21.3	21.5	19.7	18.7	17.6
MINING AND UTILITIES	-3.9	.8	3.3	4.9	3.8	4.8	8.1		7.1	8.3	9.2	7.7	8.2

Table 2B

INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS

Not seasonally adjusted, 1967=100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967	1983	1983								1984				
		PRO- TION	AVG.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY
MINING AND UTILITIES																
		12.05	142.9	133.4	137.8	146.8	152.2	148.2	141.6	142.6	152.6	158.4	152.7	149.1	144.0	144.6
MINING		6.36	116.6	113.6	113.4	112.5	116.5	118.4	120.5	122.7	123.2	123.2	124.1	123.3	122.2	125.4
UTILITIES		5.69	172.4	155.4	164.9	185.1	192.0	181.5	165.1	164.8	185.7	197.7	184.7	177.9	168.2	166.0
MANUFACTURING																
		87.95	148.2	145.4	151.3	146.8	153.4	160.0	160.7	156.1	150.9	153.9	161.2	163.4	164.0	164.6
NONDURABLE		35.97	168.1	165.0	172.6	167.6	177.6	183.2	182.1	173.9	164.5	166.8	175.4	177.3	178.5	179.2
DURABLE		51.98	134.5	131.8	136.5	132.4	136.7	143.9	145.9	143.8	141.4	145.0	151.3	153.9	154.0	154.5
MINING																
METAL MINING	10	5.51	80.9	90.4	88.5	82.9	84.0	82.3	81.4	81.2	76.6	83.4	94.6	97.0	99.8	
COAL	11,12	6.69	136.3	130.0	130.5	122.6	144.6	145.7	150.4	144.8	135.6	141.2	161.8	168.4	155.0	158.0
OIL AND GAS EXTRACTION	13	4.40	116.6	111.7	111.7	113.0	114.3	116.4	118.2	121.6	124.7	124.2	121.2	117.3	116.7	119.1
STONE AND EARTH MINERALS	14	7.75	122.8	125.5	124.4	121.0	126.3	129.5	133.7	137.1	134.4	128.1	126.6	135.1	139.2	
NONDURABLE MANUFACTURES																
FOODS	20	8.75	156.4	152.4	159.9	159.9	165.1	168.9	168.2	158.2	153.0	151.6	154.2	156.8		
TOBACCO PRODUCTS	21	6.67	112.1	107.1	127.5	98.3	122.4	120.6	119.6	112.2	89.4	119.4	117.0	116.0		
TEXTILE MILL PRODUCTS	22	2.68	140.8	142.9	149.2	135.2	151.5	155.9	157.9	144.7	134.6	133.1	139.7	143.9	147.1	
APPAREL PRODUCTS	23	3.31														
PAPER AND PRODUCTS	26	3.21	164.3	165.2	167.6	153.3	168.3	168.6	177.7	170.6	155.6	172.1	179.6	178.9	180.4	179.4
PRINTING AND PUBLISHING	27	4.72	152.5	142.4	152.3	160.6	173.2	177.6	169.1	160.2	153.1	149.0	155.4	156.1	157.7	160.6
CHEMICALS AND PRODUCTS	28	7.74	215.0	213.2	223.0	219.6	223.0	232.6	230.5	222.6	210.0	211.8	222.3	226.6	229.5	
PETROLEUM PRODUCTS	29	1.79	120.3	121.8	125.4	128.1	126.0	128.8	123.6	127.2	117.3	116.4	123.4	120.6	123.7	127.5
RUBBER & PLASTICS PRODUCTS	30	2.24	291.9	286.5	295.3	273.9	300.7	318.5	320.1	310.1	305.0	304.5	332.0	336.1	331.7	
LEATHER AND PRODUCTS	31	8.86	61.9	61.4	61.6	53.3	64.5	65.1	67.5	63.0	61.9	60.9	66.2	65.9	64.7	
DURABLE MANUFACTURES																
ORDNANCE, PVT & GOVT	19,91	3.64	95.4	93.5	94.5	94.9	96.1	97.7	97.3	97.8	100.2	99.7	99.7	101.5	101.4	103.0
LUMBER AND PRODUCTS	24	1.64	137.2	135.8	141.6	137.1	144.6	148.0	149.2	139.9	132.6	140.0	145.7	150.0	151.0	
FURNITURE AND FIXTURES	25	1.37	170.5	164.1	171.9	159.9	180.7	186.3	183.0	178.9	178.3	179.8	194.0	188.9	189.1	
CLAY, GLASS, STONE PROD	32	2.74	143.4	140.6	148.8	146.2	153.3	156.0	158.8	156.1	146.1	145.9	152.3	157.0	162.8	
PRIMARY METALS	33	6.57	85.4	90.9	88.7	80.4	83.7	88.1	94.3	86.7	84.8	92.0	101.7	105.2	106.3	107.7
IRON AND STEEL	331,2	4.21	71.5	75.9	73.2	70.0	72.5	74.6	82.7	73.6	68.5	79.5	88.2	90.4	93.6	
FABRICATED METAL PROD	34	5.93	120.2	115.0	120.0	119.0	125.3	129.9	128.1	129.7	128.1	127.6	135.2	137.2	136.6	135.8
NONELECTRICAL MACHINERY	35	9.15	150.6	143.9	152.7	154.7	158.2	163.2	162.0	161.8	159.8	163.7	171.1	173.7	173.4	173.0
ELECTRICAL MACHINERY	36	8.05	185.5	179.2	185.2	182.2	186.0	200.2	203.9	202.7	198.8	204.7	210.5	212.1	213.8	215.7
TRANSPORTATION EQUIP	37	9.27	117.8	117.5	121.5	109.2	111.4	123.5	130.9	128.6	127.4	133.4	137.6	141.5	138.2	138.4
MOTOR VEHICLES & PYS	371	4.50	137.1	137.3	145.9	122.7	126.8	148.4	161.5	154.2	150.3	163.5	170.0	177.7	168.7	168.4
AEROSPACE & MISC	372-9	4.77	99.6	98.8	98.5	96.5	96.8	100.0	102.1	104.4	105.7	105.1	107.2	107.5	109.4	110.0
INSTRUMENTS	38	2.11	158.7	155.2	159.1	158.8	162.1	168.3	164.3	165.1	164.6	162.9	165.9	167.0	168.5	171.7
MISCELLANEOUS MFRS	39	1.51	146.2	146.3	153.7	150.5	158.2	162.3	155.1	150.5	144.2	140.5	149.4	150.9	152.0	151.6
UTILITIES																
ELECTRIC		3.88	196.0	173.7	188.8	219.0	228.3	211.9	187.3	184.1	208.4	224.7	205.4	197.5	186.2	186.0

Table 3B

INDUSTRIAL PRODUCTION: HISTORICAL DATA

Seasonally adjusted, 1967=100

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	Q I	Q II	Q III	Q IV	ANNUAL
INDEX																	
67	99.8	99.0	98.5	99.2	98.7	98.4	98.7	100.0	100.3	101.2	102.6	103.5	99.1	98.8	99.7	102.4	100.0
68	103.7	104.3	104.7	104.9	106.2	106.6	106.5	107.1	107.1	107.4	108.6	108.8	104.2	105.9	106.9	108.3	106.3
69	109.5	110.2	110.8	110.6	110.3	111.2	111.8	112.3	112.3	112.5	111.4	111.2	110.2	110.7	112.1	111.7	111.1
70	109.1	108.8	108.8	108.6	108.3	108.1	108.4	108.3	107.6	105.4	104.8	107.2	108.9	108.3	108.1	105.8	107.8
71	108.1	108.0	108.0	108.5	109.1	109.6	109.8	108.9	110.3	110.9	111.3	112.3	108.0	109.1	109.7	111.5	109.6
72	114.6	115.3	116.5	117.7	118.1	118.7	119.3	120.7	121.8	123.4	124.4	125.8	115.5	118.2	120.6	124.5	119.7
73	126.3	127.8	128.5	128.5	129.6	129.9	130.4	130.4	131.1	131.4	131.6	131.3	127.5	129.3	130.6	131.4	129.8
74	129.9	129.6	130.0	129.9	131.3	131.9	131.8	131.7	131.8	129.5	124.9	119.3	129.8	131.0	131.8	124.6	129.3
75	115.2	112.7	111.7	112.6	113.7	116.4	118.4	121.0	122.1	122.2	123.5	124.4	113.2	114.2	120.5	123.4	117.8
76	126.1	128.1	128.7	129.0	130.1	130.7	131.2	132.0	131.3	131.3	132.6	133.6	127.6	129.9	131.5	132.5	130.5
77	133.7	134.5	136.3	137.1	138.0	138.9	139.0	139.3	139.6	140.1	140.3	140.5	134.9	138.0	139.3	140.3	138.1
78	140.0	140.3	142.1	144.4	144.8	146.1	147.1	148.0	148.6	149.7	150.6	151.8	140.8	145.1	147.9	150.7	146.1
79	152.0	152.5	153.5	151.1	152.7	153.0	153.0	152.1	152.7	152.7	152.3	152.5	152.6	152.2	152.6	152.5	152.5
80	153.0	152.8	152.1	148.2	143.8	141.4	140.3	142.2	144.4	146.6	149.2	150.4	152.7	144.5	142.3	148.8	147.1
81	151.4	151.8	152.1	151.9	152.7	152.9	153.9	153.6	151.6	149.1	146.3	143.4	151.8	152.5	153.0	146.3	151.0
82	140.7	142.9	141.7	140.2	139.2	138.7	138.8	138.4	137.3	135.7	134.9	135.2	141.7	139.4	138.2	135.2	138.6
83	137.4	138.1	140.0	142.6	144.4	146.4	149.7	151.8	153.8	155.0	155.3	156.2	138.5	144.5	151.8	155.5	147.6
CHANGE*																	
67	0.2	-0.8	-0.5	0.7	-0.5	-0.3	0.3	1.3	0.3	0.9	1.4	0.9	-0.4	-0.0	0.6	1.1	
68	0.2	0.6	0.4	0.2	1.2	0.4	-0.1	0.6	0.0	0.3	1.1	0.2	0.4	0.6	0.2	0.5	
69	0.6	0.6	0.5	-0.2	-0.3	0.8	0.5	0.4	0.0	0.2	-1.0	-0.2	0.6	0.1	0.3	-0.3	
70	-1.9	-0.3	0.0	-0.2	-0.3	-0.2	0.3	-0.1	-0.6	-2.0	-0.6	2.3	-0.7	-0.2	-0.2	-0.1	
71	0.8	-0.1	-0.0	0.5	0.6	0.5	0.2	-0.8	1.3	0.5	0.4	0.9	0.2	0.5	0.2	0.6	
72	2.0	0.6	1.0	1.0	0.3	0.5	0.5	1.2	0.9	1.3	0.8	1.1	1.2	0.6	0.9	1.1	
73	0.4	1.2	0.5	0.0	0.9	0.2	0.4	-0.0	0.5	0.2	0.2	-0.2	0.7	0.4	0.3	0.1	
74	-1.1	-0.2	0.3	-0.1	1.1	0.5	-0.1	-0.1	0.1	-1.8	-3.6	-4.5	-0.3	0.5	-0.0	-3.3	
75	-3.4	-2.2	-0.9	0.8	1.0	2.4	1.7	2.2	0.9	0.1	1.1	0.7	-2.2	1.4	1.6	0.6	
76	1.3	1.6	0.5	0.2	0.8	0.5	0.4	0.6	-0.5	0.0	1.0	0.7	1.2	0.5	0.1	0.6	
77	0.1	0.6	1.3	0.5	0.7	0.6	0.1	0.2	0.2	0.3	0.1	0.1	0.7	0.6	0.2	0.2	
78	-0.4	0.2	1.3	1.6	0.3	0.9	0.7	0.6	0.4	0.8	0.6	0.8	0.4	0.9	0.6	0.7	
79	0.1	0.3	0.7	-1.6	1.1	0.2	0.0	-0.6	0.4	0.0	-0.2	0.1	0.4	-0.1	-0.1	-0.0	
80	0.4	-0.1	-0.4	-2.6	-3.0	-1.6	-0.8	1.4	1.5	1.5	1.8	0.8	-0.1	-2.4	0.7	1.4	
81	0.7	0.3	0.2	-0.1	0.5	0.1	0.7	-0.2	-1.4	-1.6	-1.8	-2.0	0.4	0.2	-0.3	-1.8	
82	-1.9	1.6	-0.8	-1.0	-0.8	-0.3	0.1	-0.3	-0.8	-1.2	-0.6	0.2	-0.4	-0.7	-0.3	-0.5	
83	1.7	0.6	1.3	1.9	1.2	1.3	2.3	1.4	1.3	0.7	0.2	0.6	1.2	1.5	1.7	0.5	

Table 4A

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1983	1984													
		PRO- 1 TICN	AVG.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	
METAL MINING	10	51															
IRON ORE	101,6	24	54.3	52.2	54.3	57.9	62.8	64.8	55.4	63.1	57.6	51.6	63.4	79.7	81.3		
NONFERROUS ORES	102-5,8,9	27	104.5	99.4	105.8	100.4	114.4	102.8	107.9	101.6	110.6	108.2	111.4	108.9	108.4	105.5	
COPPER ORE	102	14	121.8	113.4	125.6	122.3	142.8	116.4	126.9	114.8	129.3	124.5	125.6	118.2	118.8		
LEAD AND ZINC ORES	103	03	72.4	68.8	70.2	59.1	72.9	81.1	73.9	71.6	73.4	67.6	79.2				
ANTHRACITE	11	03	37.0	35.0	31.6	37.9	41.4	37.6	37.8	39.4	36.1	40.2	37.2	46.1	37.6	37.8	
BITUMINOUS COAL	12	66	140.3	132.0	123.0	123.5	147.3	153.1	134.0	138.5	144.1	154.0	174.6	174.4	172.0	156.6	
OIL AND GAS EXTRACTION	13	4.40															
CRUDE OIL & NATURAL GAS	131	3.61	95.0	96.4	95.1	94.3	94.4	93.7	94.7	94.1	94.5	95.3	97.0	95.5	94.8	96.9	
CRUDE OIL, TOTAL		2.94	95.1	96.0	95.3	95.9	95.7	94.3	95.4	94.4	94.0	94.6	96.4	94.6	93.4	96.0	
ALASKA, CALIF. CRUDE		3.1	265.6	271.3	266.9	276.7	269.2	258.6	265.1	260.7	259.4	263.7	266.7	268.1	265.7	278.3	
TEXAS CRUDE		1.07	80.6	80.9	82.0	80.3	80.8	80.4	79.5	79.9	79.2	79.8	81.7	80.5	78.7	80.8	
LA. AND OTHER CRUDE		1.57	71.7	72.2	70.9	71.3	71.9	71.8	73.1	71.9	71.8	71.7	73.3	70.4	69.9	70.8	
NATURAL GAS		67	94.7	97.9	94.1	87.4	89.1	91.0	91.5	92.9	96.7	98.5	99.6	99.2			
NATURAL GAS LIQUIDS	132	30															
LP PROPANE		04															
LP MATERIALS		26															
OIL AND GAS DRILLING	138	50	280.5	242.1	251.5	252.0	259.8	269.5	277.9	291.6	312.5	338.4	331.5	312.0	294.6	284.2	
FOODS	20	8.75															
MEAT PRODUCTS	201	1.17	123.5	122.0	128.0	128.3	124.5	124.4	124.2	127.1	124.0	125.5	121.9	122.4	123.1	124.7	
BEEF		40	114.4	109.1	117.4	117.1	110.2	118.0	121.7	119.4	113.7	118.9	111.0	112.0	113.8	114.8	
PORK		55	121.0	117.0	125.0	129.2	128.8	122.6	120.9	127.9	125.6	124.9	118.5	116.2	117.7	117.9	
MISC. MEATS		22	145.8	157.5	154.4	146.2	139.2	140.0	136.6	138.8	138.6	138.7	150.1	156.4	152.9	159.3	
DAIRY PRODUCTS	202	1.14	143.1	140.1	141.0	140.9	141.9	142.4	145.2	146.7	148.3	146.7	144.5	144.3	143.4	144.3	
BUTTER	2021	04	106.6	108.6	99.7	102.9	106.3	100.4	106.8	108.2	109.5	103.5	103.8	98.1	98.1	93.1	
CHEESE	2022	07	148.5	132.5	322.6	328.5	334.8	336.7	367.7	381.7	389.6	383.7	362.8	350.5	347.4	337.9	
CONCENTRATED MILK	2023	12	68.4	64.1	63.7	61.1	63.0	67.3	70.1	75.9	82.1	70.8	68.7	62.6	59.7	56.5	
FROZEN DESSERTS	2024	13	157.7	149.9	161.7	158.3	159.7	158.6	160.6	159.3	160.2	160.9	154.8	165.8	161.2	177.0	
CANNED AND FROZEN FOODS	203	1.18	180.6	175.6	181.3	188.2	184.2	181.6	177.9	180.1	175.0	180.3	177.4	185.8	190.9	195.6	
GRAIN MILL PRODUCTS	204	95	171.7	169.6	171.5	174.1	175.3	174.6	182.9	172.0	169.1	172.1	177.0	175.8	175.3	175.0	
FLOUR & CORN MILL.	2041,6	28	124.6	121.5	128.1	125.7	129.0	126.8	129.3	124.3	119.5	119.7	123.1	125.4	125.6	121.3	
BAKERY PRODUCTS	205	1.15	130.2	126.1	127.2	128.0	132.8	132.5	137.1	133.8	132.2	135.1	136.8	140.8	143.4	142.7	
SUGAR	206	21															
CONFECTIONERY	207	41															
BEVERAGES	208	1.58	201.2	199.8	197.3	198.2	205.7	205.9	203.1	209.8	203.5	200.2	205.1	216.9	211.1	212.9	
BEER AND ALE	2082,3	52	166.4	167.6	156.9	162.4	168.8	162.9	164.8	175.6	169.0	151.4	164.6	170.6	182.1		
WINES AND BRANDY	2084	07															
LIQUORS	2085	24	123.8	121.2	131.7	126.2	130.1	124.4	133.2	136.3	115.9	109.7	121.4	125.9	120.7	127.2	
SOFT DRINKS	2086,7	74	240.8	238.3	234.8	237.7	241.6	250.0	239.9	241.3	248.7	255.8	255.9	273.3	254.7	263.1	
MISC. FOOD PREPARATIONS	209	97	164.7	157.0	163.1	165.9	167.9	169.6	174.2	170.6	163.9	164.8	164.6	158.8	165.1	162.7	
FATS AND OILS	2091-4,6	30	147.8	139.4	145.7	151.2	149.1	153.8	163.5	150.1	139.1	139.4	143.0	136.5	139.3	140.3	
COFFEE, MISC. FOOD	2095,7-9	67	172.4	164.9	171.0	172.6	176.4	176.8	179.1	180.0	175.1	176.3	174.4	168.9	176.8		
TOBACCO PRODUCTS	21	67															
CIGARETTES	211	54	114.1	116.2	111.2	118.8	115.1	120.5	117.5	110.4	108.5	104.5	120.2	108.1	120.1		
CIGARS	212	07	53.0	50.3	48.3	52.1	57.2	49.0	54.2	56.9	55.1	59.3	61.3	53.0	49.0		
TEXTILE MILL PRODUCTS	22	2.69															
FABRICS	221-4	1.05	102.4	95.0	99.9	108.0	116.2	112.9	116.6	112.6	103.9	103.9	96.5	96.4	101.0	100.5	
COTTON FABRICS	221,4	60	67.7	66.7	67.7	67.4	70.5	71.4	72.3	70.1	69.1	63.8	72.5	67.6	65.8	65.6	
MAN-MADE FABRICS	222	30															
WOOL FABRICS	223	14															
KNIT GOODS	225	63	187.2	181.3	187.9	180.8	200.7	182.1	192.9	195.6	185.3	204.5	197.1	190.3	200.4	187.9	
HOSIERY	2251,2	21	237.7	235.0	253.0	218.5	262.5	216.4	228.7	240.7	235.3	285.4	265.1	239.5	262.6		
KNIT GARMENTS	2253-9	42	161.6	154.1	154.9	161.6	169.3	164.7	174.7	172.7	160.0	163.4	162.6	165.4	168.9	164.0	
FABRIC FINISHING	226	23	121.5	119.6	115.3	117.1	126.4	127.4	122.8	129.4	130.7	123.3	120.2	129.8	126.3	122.5	
CARPETING	227	20	223.9	218.0	223.4	235.9	258.1	245.2	235.0	228.3	224.5	222.5	199.9	166.0	185.7	187.7	
YARN & MISC. TEXTILES	228,9	57	139.5	131.1	137.1	139.9	140.6	144.9	150.8	155.7	150.8	145.4	143.4	150.7	152.9	147.0	
APPAREL PRODUCTS	23	3.33															
MEN'S OUTERWEAR	231,2	1.06															
MEN'S SUITS AND COATS	231	34															
MEN'S FURNISHINGS	232	69															
WOMEN'S OUTERWEAR	233	1.05															
MISC. APP. & ALLIED GDS	234-9	1.20															
LUMBER AND PRODUCTS	24	1.64															
LOGGING AND LUMBER	241,2	82	102.3	97.2	100.7	102.3	106.0	102.8	104.1	107.1	102.3	102.1	111.2	104.0	113.3	106.3	
LUMBER	242	59	92.4	88.8	91.2	92.9	97.1	89.6	90.6	95.5	91.8	94.4	102.1	94.6	107.0		
LUMBER PRODUCTS	243,4,9	82	171.9	165.1	167.5	173.0	176.3	177.8	183.4	179.9	181.6	181.0	185.2	185.8	184.5	190.6	
MILLWORK AND PLYWOOD	243	50	198.9	189.2	195.2	202.1	206.8	207.8	212.3	208.7	211.6	207.7	213.5	216.0	214.2		
PLYWD, PREFAB PROD	2432,3	29	234.8	223.3	232.5	241.2	247.5	242.2	246.7	242.8	247.4	240.8	247.9	252.7	245.0		
FURNITURE AND FIXTURES	25	1.37															
HOUSEHOLD FURNITURE	251	87	168.3	170.1	171.4	175.2	175.2	173.8	175.4	175.2	173.1	175.1	177.6	178.2	180.6	184.0	
FIXTURES, OFF. FURN.	252,4,9	42	186.2	170.9	172.0	176.1	199.2	203.0	204.0	199.1	188.9	197.6	203.0	210.1	206.5	208.4	

Table 4B

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967 PRG- PCR- TQNI	1967 AVG.	1983 APR.	1983 MAY	1983 JUNE	1983 JULY	1983 AUG.	1983 SEP.	1983 OCT.	1983 NOV.	1983 DEC.	1984			
													JAN.	FEB.	MAR.	APR.
METAL MINING	101	51														
IRON ORE	101,6	24	54.3	54.8	68.0	73.9	68.8	67.7	55.5	54.8	47.5	43.9	51.6	75.2	78.9	
NONFERROUS ORES	102-5,8,9	27	104.5	105.2	110.3	101.5	95.6	98.6	106.3	105.1	111.3	105.7	111.8	112.0	113.1	111.4
COPPER ORE	102	14	121.8	122.8	133.5	124.1	111.4	110.6	124.0	120.7	130.3	119.3	126.1	123.9	125.3	
LEAD AND ZINC ORES	103	03	72.4	72.5	69.4	59.9	65.8	70.4	72.8	72.2	72.4	65.7	76.7			
ANTHRACITE	11	03	37.0	33.5	32.9	39.5	36.2	41.4	41.7	42.7	39.5	35.5	32.7	40.6	39.4	36.2
BITUMINOUS COAL	12	66	140.3	134.8	134.0	134.2	126.1	140.8	150.0	154.8	149.1	139.7	145.6	166.7	173.7	159.9
OIL AND GAS EXTRACTION	13	4.40														
CRUDE OIL & NATURAL GAS	131	3.61	95.0	95.7	94.8	94.0	94.1	93.5	94.1	94.2	94.9	95.7	96.7	96.8	95.2	96.2
CRUDE OIL, TOTAL		2.94	95.1	95.2	95.2	95.6	95.4	94.5	95.3	95.1	94.7	94.6	95.6	94.9	93.5	95.1
ALASKA, CALIF. CRUDE		31	265.6	263.7	261.0	269.2	268.1	264.3	269.1	266.7	265.9	264.8	267.0	267.6	264.4	270.5
TEXAS CRUDE		1.07	80.6	81.1	82.1	80.2	80.6	80.1	79.3	80.2	79.4	80.0	80.8	80.6	79.2	81.0
LA. AND OTHER CRUDE		1.57	71.7	72.0	71.9	72.2	71.8	71.3	72.4	71.8	71.7	71.3	72.3	71.0	70.0	70.6
NATURAL GAS		.67	94.7	98.0	93.0	87.0	88.4	88.7	88.8	90.0	96.1	100.8	101.4	104.9		
NATURAL GAS LIQUIDS	132	.30														
LP PROPANE		.04														
LP MATERIALS		.26														
OIL AND GAS DRILLING	138	.50	280.5	232.4	242.4	248.0	256.7	271.4	283.5	299.8	323.8	349.9	336.1	307.6	286.9	272.8
FOODS	20	8.75														
MEAT PRODUCTS	201	1.17	123.5	121.1	121.2	126.1	113.0	125.1	128.9	136.7	132.7	123.5	120.4	120.4	124.4	123.7
BEEF		.40	114.4	105.0	110.7	117.1	105.5	121.1	124.6	125.7	115.5	115.0	114.0	115.5	113.1	110.4
PORK		.55	121.0	122.8	118.0	120.2	106.8	115.5	122.6	136.5	141.2	127.3	118.7	117.0	126.1	123.8
MISC. MEATS		.22	145.8	145.5	148.1	157.0	141.8	155.7	152.3	156.8	142.2	129.4	136.3	137.5	140.4	147.2
DAIRY PRODUCTS	202	1.14	143.1	144.6	147.9	152.5	147.8	144.8	142.4	139.8	139.0	139.5	138.0	141.6	144.7	148.7
BUTTER	2021	.04	106.6	125.5	117.6	106.5	94.0	78.3	81.8	97.5	96.0	103.2	122.4	114.6	105.8	107.6
CHEESE	2022	.07	348.5	361.2	368.1	387.0	344.6	327.9	334.3	338.7	346.7	363.4	336.0	342.8	359.2	373.8
CONCENTRATED MILK	2023	.12	68.4	75.2	80.1	82.9	73.0	65.8	59.1	58.0	59.9	61.7	60.9	60.3	60.7	66.3
FROZEN DESSERTS	2024	.13	157.7	154.4	175.9	203.4	198.7	191.8	171.8	143.4	129.0	118.9	115.5	144.7	162.7	182.3
CANNED AND FROZEN FOODS	203	1.18	180.6	162.1	171.7	185.0	182.9	194.3	215.4	209.4	180.4	166.6	159.5	172.4	176.8	180.5
GRAIN MILL PRODUCTS	204	.95	171.7	161.7	163.8	170.5	173.3	181.5	188.3	181.8	173.5	173.9	175.1	174.4	171.1	166.7
FLOUR & CORN MILL.	204.1,6	.28	124.6	121.6	124.0	120.8	124.6	132.3	132.0	131.8	120.0	117.8	119.2	128.5	125.0	121.4
BAKERY PRODUCTS	205	1.15	130.2	118.9	122.1	131.9	144.1	144.8	150.9	139.3	130.6	130.1	128.2	130.5	133.6	134.6
SUGAR	206	.21														
CONFECTIONERY	207	.41														
BEVERAGES	208	1.58	201.2	196.8	200.5	216.3	221.6	225.7	217.6	216.9	193.6	183.0	187.5	192.2	200.9	209.3
BEER AND ALE	2082,3	.52	166.4	184.5	173.5	190.2	194.6	180.7	161.8	161.0	140.3	125.8	145.7	158.5	178.8	
WINES AND BRANDY	2084	.07														
LIQUORS	2085	.24	123.8	118.2	127.2	134.0	104.7	118.6	140.2	164.1	130.5	108.1	113.0	113.7	125.5	124.1
SOFT DRINKS	2086,7	.74	1240.8	1223.5	232.7	254.3	272.5	284.5	270.4	250.5	237.8	234.1	235.7	236.1	232.3	246.8
MISC. FOOD PREPARATIONS	209	.97	164.7	159.2	159.7	159.0	155.9	162.6	166.5	170.5	168.9	172.1	171.6	169.2	167.0	165.0
FATS AND OILS	2091-4,6	.30	147.8	138.3	138.5	142.3	128.2	138.4	148.3	148.3	148.7	152.0	154.8	149.8	148.9	139.0
COFFEE, MISC. FOOD	2095,7-9	.67	172.4	168.7	169.3	166.6	168.5	173.6	174.8	177.8	178.1	181.2	179.3	178.0	175.2	
TOBACCO PRODUCTS	21	.67														
CIGARETTES	211	.54	114.1	112.6	109.2	132.3	98.6	127.5	120.4	120.0	112.1	83.7	122.1	116.4	117.8	
CIGARS	212	.07	53.0	49.3	49.8	54.6	43.2	51.9	59.7	68.5	58.3	42.9	57.4	57.0	50.4	
TEXTILE MILL PRODUCTS	22	2.69														
FABRICS	221-4	1.05	102.4	96.5	104.3	110.7	94.3	113.6	114.7	115.1	105.5	98.2	100.2	100.8	105.0	101.9
COTTON FABRICS	221,4	.60	67.7	68.1	69.8	68.8	58.4	71.6	70.9	72.6	70.7	59.3	74.3	70.8	69.3	67.0
MAN-MADE FABRICS	222	.30														
WOOL FABRICS	223	.14														
KNIT GOODS	225	.63	187.2	187.2	189.6	199.5	198.6	196.9	210.7	200.8	181.7	179.6	169.1	184.8	196.9	193.5
HOSIERY	2251,2	.21	237.7	262.0	250.5	240.4	260.4	219.4	239.0	239.3	228.2	238.6	232.0	245.2	274.9	
KNIT GARMENTS	2253-9	.42	161.6	149.2	158.7	178.8	167.3	185.5	196.3	181.3	158.1	149.7	137.2	154.1	157.3	158.8
FABRIC FINISHING	226	.23	121.5	123.6	122.0	126.0	91.8	130.3	123.6	132.8	130.1	117.6	121.4	133.1	134.3	126.6
CARPETING	227	.20	223.9	228.7	225.4	238.6	240.3	234.5	256.3	262.9	234.0	215.3	173.3	156.1	182.1	197.0
YARN & MISC. TEXTILES	228,9	.57	139.5	136.3	142.4	143.1	121.7	151.1	149.6	163.1	150.8	132.7	144.6	154.1	154.6	152.8
APPAREL PRODUCTS	23	3.33														
MEN'S OUTERWEAR	231,2	1.06														
MEN'S SUITS AND COATS	231	.34														
MEN'S FURNISHINGS	232	.69														
WOMEN'S OUTERWEAR	233	1.05														
MISC. APP. & ALLIED GDS	234-9	1.20														
LUMBER AND PRODUCTS	24	1.64														
LOGGING AND LUMBER	241,2	.82	102.3	99.5	99.9	106.7	107.7	107.4	111.1	115.2	98.8	91.9	101.6	103.4	110.0	109.0
LUMBER	242	.59	92.4	95.7	92.0	94.7	94.3	90.4	95.7	101.7	87.2	81.7	95.5	97.7	108.1	
LUMBER PRODUCTS	243,4,9	.82	171.9	167.1	171.4	176.2	166.3	181.5	184.7	183.0	180.7	173.0	178.8	187.7	189.7	192.7
MILLWORK AND PLYWOOD	243	.50	198.9	191.0	200.6	206.9	192.6	215.7	215.7	213.8	208.7	194.8	205.6	217.3	221.1	
PLYWD, PREFAB PRD	2432,3	.29	234.8	228.4	242.0	245.2	220.0	251.2	249.3	249.7	242.4	219.0	240.4	260.5	260.7	
FURNITURE AND FIXTURES	25	1.37														
HOUSEHOLD FURNITURE	251	.87	168.3	171.0	167.1	175.5	153.8	178.0	181.6	178.7	175.0	174.6	174.7	188.2	182.7	185.0
FIXTURES, OFF. FURN.	252,4,9	.42	186.2	170.0	168.0	175.7	184.5	198.5	209.3	204.1	192.7	196.0	201.8	219.8	210.8	207.4

Table 4A—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967/	1983/	1983													1984			
		PRO- DUC- TION	PCR- 1	AVG.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.			
PAPER AND PRODUCTS	261	3.21																		
PULP AND PAPER	261-3	1.38	153.5	144.1	151.2	148.6	155.4	154.3	164.7	159.0	162.1	161.5	160.3	161.2	159.5	161.4				
WOOD PULP	2611	.50	143.1	135.4	140.4	138.9	140.6	141.9	155.0	147.5	151.8	150.5	145.3	152.0						
PAPER	2621	.54	162.0	150.5	158.0	157.7	165.3	166.9	171.9	170.7	170.6	170.4	170.4	166.7	165.7	168.9				
PAPERBOARD	2631	.34	155.5	146.9	156.4	148.8	161.6	152.6	167.9	157.8	164.1	163.8	166.6	166.0	163.2	165.5				
CONVERTED PAPER PROD.	2641	.93	194.1	186.1	188.1	191.4	194.8	201.2	202.1	204.8	202.6	205.6	204.8	204.2	202.6	202.2				
SANITARY PAPER PROD.	2647	.18																		
PAPERBOARD CONTAINERS	2651	.84	155.4	148.6	148.3	156.9	156.2	157.3	159.5	164.4	156.2	160.2	177.6	163.2	165.9	162.8				
BUILDING PAPER AND BOARD	2661	.06																		
PRINTING AND PUBLISHING	271	4.72																		
NEWSPAPERS	2711	1.38	110.3	105.7	107.9	109.1	109.8	111.7	112.8	112.4	114.0	112.9	112.0	118.7	116.7	115.0				
PERIOD., BOOKS, CARDS	272, 3, 7	1.38	138.8	133.1	132.8	134.0	139.2	145.0	146.1	145.6	143.3	144.4	148.7	151.5	151.4	152.7				
JOB PRINTING	274-6, 8, 9	1.96	192.0	183.5	180.3	181.8	189.9	199.5	206.4	207.2	202.7	208.1	214.7	212.4	211.3	207.9				
CHEMICALS AND PRODUCTS	281	7.74																		
CHEMICALS & SYN. MAT.	281, 2	3.79	226.2	217.5	221.3	226.9	229.6	226.8	236.8	243.0	241.2	234.0	241.4	248.2	243.7	243.6				
BASIC CHEMICALS	2811	2.54	175.1	170.8	172.1	173.9	175.8	173.1	179.7	185.6	187.5	181.3	186.0	190.9	188.1	187.3				
ALKALIES & CHLORINE	2812	.14	108.5	100.9	108.8	106.0	113.8	114.3	115.2	109.4	112.9	104.0	108.7	109.3	118.3	125.4				
GASES, ETC.	2813, 5, 6	.48	177.4	162.5	171.0	168.9	181.5	163.3	188.7	207.9	197.1	179.6	203.4	203.3						
BASIC ORG. CHEM.	2818	1.18	220.9	221.0	221.7	227.8	222.9	223.4	224.0	228.5	232.4	230.1	226.6	236.2	233.2	236.1				
INORG. CHEM. NEC	2819	.75	114.4	110.4	107.1	105.2	110.1	111.5	116.7	118.6	125.0	120.6	125.9	127.2	124.5	120.8				
ACIDS & FERTILIZER MAT.	2821	.55	121.2	117.4	113.0	108.5	114.4	116.6	124.9	126.5	134.4	128.9	135.2	135.3	134.1	129.4				
SULFURIC ACID, ETC.	2821	.41	114.7	110.0	107.6	103.6	110.7	112.1	117.7	118.8	125.7	123.4	128.8	128.3	128.8	125.4				
FERTILIZER MATERIALS	2822	.14	140.0	138.8	128.9	122.6	125.1	129.4	145.9	148.9	159.5	144.8	153.5	155.8	149.6	140.8				
ERDA NUCLEAR FUELS	2823	.15	85.3	79.6	78.8	86.2	88.7	87.7	83.0	86.4	89.8	87.7	90.9	97.0	86.9					
SYNTHETIC MATERIALS	2824	1.25	330.3	312.6	321.6	334.9	339.4	336.1	353.0	359.9	350.6	341.4	354.1	365.0	356.9	358.3				
PLASTICS MATERIALS	2825	.54	486.0	452.7	461.1	487.6	494.8	486.1	522.6	530.1	524.7	489.7	532.4	561.4	547.5					
SYNTHETIC RUBBER	2826	.13	109.2	95.2	115.5	120.0	114.2	106.2	114.6	120.1	127.7	117.8	126.2	118.6	125.6					
MAN-MADE FIBERS	2827, 4	.58	236.2	232.2	239.1	242.1	246.5	249.5	250.0	256.7	239.8	254.7	240.7	239.0	232.6	238.6				
CHEMICAL PRODUCTS	283-7, 9	3.95	204.0	197.6	203.3	202.6	206.5	212.3	213.4	211.0	203.8	203.2	209.1	209.8	208.9	212.0				
DRUGS AND MEDICINES	2831	1.34	280.6	274.7	278.1	275.8	286.3	293.3	294.7	284.7	275.1	277.9	283.9	286.2	281.0	291.3				
SOAP AND TOILETRIES	2841	1.29	179.1	170.2	180.5	178.5	179.7	188.8	188.1	185.6	178.3	177.6	179.8	178.4	178.2	176.8				
PAINTS	2851	.43	118.3	112.1	115.9	125.7	123.1	129.0	127.3	126.8	111.9	116.7	132.6	130.6	135.2	133.4				
AGRICULTURAL CHEMICALS	2871	.33	197.3	189.1	202.1	196.2	194.7	189.0	195.1	213.1	220.7	202.5	208.5	208.5	215.2	219.8				
PETROLEUM PRODUCTS	291	1.79																		
PETROLEUM REFINING	291, 9	1.64	119.4	119.6	122.6	121.2	122.8	119.5	125.1	122.0	124.8	114.4	118.2	127.3	125.3	128.3				
AUTOMOTIVE GASOLINE	2911	.84	128.2	130.0	130.4	130.4	130.7	127.5	131.7	128.7	133.6	124.4	124.0	132.9	134.1	139.1				
DISTILLATE FUEL OIL	2912	.29	111.3	105.7	117.1	117.4	119.6	117.8	124.5	119.8	117.6	110.3	111.8	125.3	115.4	116.4				
RESIDUAL FUEL OIL	2913	.05	112.0	128.5	128.7	117.0	108.3	98.7	112.6	114.3	112.8	108.2	110.8	119.7	113.9	110.9				
AVIATION FUEL & KEROSE.	2914	.17	97.7	95.2	99.2	87.6	98.7	95.0	101.9	100.2	104.7	92.0	108.2	109.0	102.0	100.7				
MISC. PETROLEUM PROD.	2915	.28																		
REFINERY FUEL NEC	2916	.06																		
REFINERY NONFUEL MAT.	2917	.14																		
REFINERY PRODUCTS NEC	2918	.08																		
RUBBER & PLASTICS PROD.	301	2.24																		
TIRES	3011	.60	152.7	147.9	159.6	156.5	186.4	175.3	164.3	159.7	148.1	153.4	154.0	156.8	169.9	168.5				
RUB. PROD. EX. TIRES	302, 3, 6	.66	134.4	129.6	130.6	134.5	137.5	138.0	141.2	139.4	141.0	142.1	147.5	148.3	150.9	149.9				
PLASTICS PRODUCTS NEC	3071	.98	484.0	461.5	471.9	481.0	492.5	500.8	522.6	524.6	507.3	524.5	537.1	533.4	538.5	536.6				
LEATHER AND PRODUCTS	31	.86																		
PERS. LEATHER GDS.	311, 5-7, 9	.22	80.8	77.6	75.7	77.0	83.0	83.5	87.0	86.5	88.0	87.2	89.2	88.2	85.8	89.4				
SHOES	3141	.53	55.4	50.5	56.2	51.7	54.3	56.3	55.2	57.0	53.8	61.3	55.0	55.2	54.7	53.7				
CLAY, GLASS, & ST. PROD.	321	2.74																		
PRESSED AND BLOWN GLASS	3221	.49	150.6	150.2	144.9	148.3	151.3	154.8	157.0	150.0	163.5	142.8	148.6	157.2	155.5	161.6				
GLASS CONTAINERS	3221	.28	130.9	137.3	128.0	126.5	126.3	132.4	132.9	125.6	144.9	110.7	116.3	127.0	127.7	139.9				
CEMENT	3241	.27	100.6	90.0	94.6	99.5	102.6	101.3	106.6	104.9	109.0	101.7	123.4	126.0	108.2					
STRUCTURAL CLAY PRODUCTS	3251	.20	95.6	90.5	90.9	97.3	97.5	95.6	105.5	104.5	106.1	106.2	106.1	107.6	106.5	109.6				
BRICK	3251	.08	81.8	76.9	74.1	84.5	82.8	75.6	93.7	89.9	92.2	92.3	95.4	101.9	92.1	95.2				
CONCRETE, MISC. CLAY MFR.	326-9	1.51	149.4	145.1	145.1	147.8	153.4	154.6	157.8	159.5	156.6	162.2	168.5	168.6	170.3	165.3				
PRIMARY METALS	331	6.57																		
IRON AND STEEL	331, 2	4.21																		
BASIC STEEL & MILL PROD	3311	3.34	73.0	68.5	70.1	69.2	71.9	75.9	79.5	86.6	81.7	77.4	85.6	91.9	93.4	90.2				
BASIC IRON AND STEEL	3312	1.34	61.8	60.0	60.1	59.2	61.1	63.0	65.0	68.9	69.9	72.3	71.4	80.7	80.2	80.8				
PIG IRON	3313	.46	55.4	56.0	54.3	52.4	55.3	57.5	59.2	60.1	61.5	60.2	62.3	64.5	66.4	65.7				
RAW STEEL	3314	.72	71.3	67.8	69.1	69.2	70.6	72.5	75.1	80.1	81.2	87.0	82.3	86.7	84.5	86.0				
COKE AND PRODUCTS	3315	.16	37.6	36.4	36.1	33.5	34.3	35.7	35.9	43.7	42.4	40.6	47.9	100.0	100.0	100.0				
STEEL MILL PRODUCTS	3316	2.01	80.5																	

Table 4B—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1983	1983											1984			
		PRO- DUC- TION	PRO- DUC- TION	AVG.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	
PAPER AND PRODUCTS																		
PAPER AND PAPER	261-31	3.21	1.38	153.5	151.1	156.6	154.9	143.6	156.1	157.1	162.4	162.1	143.0	159.0	167.3	166.3	169.3	
WOOD PULP	2611	.50	143.1	141.9	145.1	146.2	131.9	143.9	146.7	150.4	152.5	132.4	144.8	155.7				
PAPER	2621	.54	162.0	157.8	163.9	161.6	151.2	167.3	163.8	173.9	169.6	154.5	170.8	175.5	172.4	177.1		
PAPERBOARD	2631	.34	155.5	154.3	161.9	157.2	148.9	156.6	161.7	162.0	164.6	140.6	161.6	171.6	171.7	173.9		
CONVERTED PAPER PROD.	2641	.33	194.1	193.0	194.8	197.0	178.2	199.6	195.2	207.3	202.4	189.9	205.7	213.2	210.4	209.6		
SANITARY PAPER PROD.	2647	.18																
PAPERBOARD CONTAINERS	2651	.84	155.4	153.5	152.5	161.9	146.8	159.6	163.9	176.0	154.5	142.9	162.0	168.4	170.1	168.2		
BUILDING PAPER AND BOARD	2661	.06																
PRINTING AND PUBLISHING																		
NEWSPAPERS	2711	4.72	1.38	110.3	110.2	112.5	109.9	99.3	104.6	112.5	119.7	125.0	115.5	102.7	115.0	117.1	120.0	
PERIODICALS, BOOKS, CARDS	272, 3, 71	1.38	138.8	127.0	127.6	138.2	149.4	162.3	162.2	150.0	140.3	135.6	135.8	142.6	143.5	145.7		
JOB PRINTING	274-6, 8, 91	1.96	192.0	169.0	173.8	192.0	211.6	229.0	235.5	217.4	197.8	191.9	190.9	192.9	192.3	191.5		
CHEMICALS AND PRODUCTS																		
CHEMICALS & SYN. MAT.	281, 21	3.79	226.2	224.5	224.9	233.0	223.1	224.5	239.4	243.3	241.4	228.5	229.4	246.3	249.7	251.8		
BASIC CHEMICALS	2811	2.54	175.1	174.6	172.9	175.2	173.3	173.2	181.7	187.7	189.0	182.0	178.9	185.5	189.1	191.6		
ALKALIES & CHLORINE	28121	.14	108.5	104.9	110.3	107.6	112.4	112.4	115.1	110.8	113.7	102.5	100.9	111.3	118.9	130.4		
GASES, ETC.	2813, 5, 61	.48	177.4	173.7	176.8	176.5	179.5	159.8	186.9	202.2	193.6	179.0	189.0	199.6				
BASIC ORG. CHEM.	28181	1.18	220.9	220.6	219.9	228.3	223.1	226.8	229.6	233.3	235.7	229.6	222.1	227.0	230.6	235.6		
INORG. CHEM. NEC	28191	.75	114.4	116.1	108.6	103.8	103.0	109.2	116.0	121.4	127.1	124.3	119.6	125.3	128.0	126.9		
ACIDS & FERTILIZER MAT.	2821	.55	121.2	125.0	114.2	108.2	106.3	114.8	124.2	127.3	135.6	131.0	126.6	137.0	138.6	137.6		
SULFURIC ACID, ETC.	28211	.41	114.7	115.5	106.7	103.7	102.7	111.1	118.4	119.6	126.8	125.7	121.5	131.2	132.0	131.7		
FERTILIZER MATERIALS	2822	.14	140.0	152.5	136.1	121.1	116.8	125.4	141.1	149.5	161.1	146.4	141.2	153.8	157.7	154.7		
ERDA NUCLEAR MATLS	2823, 41	.15	85.3	80.2	82.4	80.4	83.4	83.2	81.3	97.0	95.0	98.0	90.6	81.1	88.5			
SYNTHETIC MATERIALS	2821	1.25	330.3	326.2	330.6	350.9	324.4	328.9	356.7	356.5	348.2	323.3	332.2	370.3	373.0	374.4		
PLASTICS MATERIALS	28211	.54	486.0	477.4	478.6	513.9	476.7	478.0	531.0	532.9	515.8	455.9	487.9	561.8	574.5			
SYNTHETIC RUBBER	28221	.13	109.2	102.0	116.1	115.3	104.9	102.1	114.4	120.8	128.8	117.7	124.4	125.5	129.1			
MAN-MADE FIBERS	2823, 41	.58	236.2	237.1	242.3	253.4	233.2	242.3	250.3	246.6	242.7	247.1	235.0	248.4	241.6	243.7		
CHEMICAL PRODUCTS	283-7, 91	3.95	204.0	193.6	202.1	213.3	216.3	221.6	226.2	218.2	203.3	191.3	194.9	199.2	202.4	208.1		
DRUGS AND MEDICINES	2831	1.34	280.6	264.0	272.5	297.6	310.1	313.0	321.5	298.1	274.5	256.8	258.6	264.7	262.5	279.9		
SOAP AND TOILETRIES	2841	1.29	179.1	164.6	176.3	179.9	185.3	195.0	200.0	194.1	179.7	171.4	170.6	172.5	175.0	171.0		
PAINTS	2851	.43	118.3	122.4	130.5	149.3	128.4	136.0	124.4	121.9	101.9	90.4	112.1	128.1	141.9	145.8		
AGRICULTURAL CHEMICALS	2871	.33	197.3	197.0	208.4	196.2	189.1	185.2	190.2	213.3	220.0	203.7	206.2	203.9	221.4	229.0		
PETROLEUM PRODUCTS																		
PETROLEUM REFINING	291, 91	1.64	119.4	115.3	120.7	123.7	126.2	123.6	127.2	121.1	125.9	116.5	116.5	124.6	121.1	123.7		
AUTOMOTIVE GASOLINE	2911	.84	128.2	125.6	129.4	134.6	135.8	132.5	133.3	125.4	134.4	127.9	122.3	128.0	129.1	134.4		
DISTILLATE FUEL OIL	2912	.29	111.3	98.4	110.9	115.5	118.0	118.5	123.6	121.7	121.6	114.5	117.2	129.9	112.4	108.4		
RESIDUAL FUEL OIL	2913	.05	112.0	124.5	123.0	110.0	102.0	93.4	107.8	105.7	112.2	118.1	126.0	132.6	117.3	107.5		
AVIATION FUEL & KEROSE.	2914	.17	97.7	93.4	95.1	85.9	97.4	96.2	106.1	100.4	104.8	92.9	106.5	112.2	102.6	98.8		
MISC. PETROLEUM PROD.	2919	.28																
REFINERY FUEL NEC	29191	.06																
REFINERY NONFUEL MAT.	29192	.14																
REFINERY PRODUCTS NEC	29199	.08																
RUBBER & PLASTICS PROD.																		
TIRES	3011	1.60	152.7	158.0	148.5	148.9	120.9	150.9	161.3	170.3	151.9	154.9	170.0	186.6	190.2	179.5		
RUB. PROD. EX. TIRES	302, 3, 61	.66	134.4	130.3	129.3	136.4	128.8	137.3	143.7	141.6	143.5	143.5	143.4	150.5	152.1	150.7		
PLASTICS PRODUCTS NEC	3071	.98	484.0	467.9	477.7	492.7	466.0	503.4	533.7	532.9	520.1	506.4	496.2	544.1	550.3	544.0		
LEATHER AND PRODUCTS																		
PERF. LEATHER GDS.	313, 5-7, 91	.22	80.8	75.4	75.9	80.2	78.1	85.2	88.4	90.0	92.1	87.1	83.1	86.7	86.1	86.8		
SHOES	3141	.53	55.4	53.0	56.8	54.2	44.5	57.5	57.0	60.2	51.8	55.4	52.8	58.9	58.3	56.4		
CLAY, GLASS, & ST. PROD.																		
PRESSED AND BLOWN GLASS	3221	.49	150.6	152.1	147.5	155.2	150.3	162.6	156.7	158.1	161.2	127.9	139.5	154.5	158.4	163.6		
GLASS CONTAINERS	32211	.28	130.9	139.4	130.0	135.4	126.6	142.6	129.3	135.0	138.8	88.3	111.2	130.2	131.8	142.0		
CEMENT	3241	.27	100.6	92.8	107.4	126.2	121.8	128.8	126.5	127.6	104.9	69.6	65.2	85.6	91.6			
STRUCTURAL CLAY PRODUCTS	3251	.20	95.6	90.6	92.4	102.0	97.0	99.2	108.3	107.1	109.1	104.3	98.9	99.9	102.6	109.8		
BRICK	32511	.08	81.8	78.1	78.6	94.1	85.7	85.3	100.2	94.6	95.1	84.0	74.9	85.5	88.2	96.7		
CONCRETE, MISC. CLAY MFR.	326-91	1.51	149.4	145.7	145.5	151.6	152.8	156.7	161.1	164.6	162.0	160.6	159.5	161.6	165.7	166.1		
PRIMARY METALS																		
IRON AND STEEL	331, 21	6.57	4.21															
BASIC STEEL & MILL PRD	3311	3.34	73.0	75.2	77.8	74.6	72.3	73.6	76.3	84.0	74.9	70.5	80.5	89.8	93.4	96.6		
BASIC IRON AND STEEL	33111	1.34	61.8	64.5	64.4	63.2	60.2	61.8	63.6	66.7	65.7	65.9	68.2	75.5	78.6	80.7		
PIG IRON	33112	.46	55.4	60.1	58.8	56.8	56.6	57.0	57.7	58.0	57.2	54.9	57.9	64.6	68.3	70.5		
RAW STEEL	33113	.72	71.3	73.3	74.1	73.4	68.0	70.8	73.6	77.3	76.2	78.5	79.7	87.8	90.8	93.0		
COKE AND PRODUCTS	33114	.16	37.6	37.2	36.8	35.3	34.9	34.9	35.5	43.6	42.9	40.6	45.7	50.6	52.9	54.1		
STEEL MILL PRODUCTS	33115	2.01	80.5	82.3	86.7	82.1	80.4	81.5	84.8	95.5	81.0	73.5	88.7	99.4	103.3	107.2		
CONSUMER DUR. STEEL	331151	.31	72.1	75.1	77.3	71.0	69.1	73.1	79.4	87.4	73.9	78.1	71.6	84.0	85.9	91.1		
EQUIPMENT STEEL	331152	.51	54.9	55.9	58.3	55.0	53.7	53.5	57.2	65.0	56.4	48.3	60.4	69.5	69.9	77.2		
CONSTRUCTION STEEL	331153	.41	50.8	52.2	54.0	56.5	55.5	51.2	52.0	58.0	50.4	42.7	48.8	53.3	56.0	59.0		
CAN & CLOSURE STEEL	331154	.13	59.9	65.6	66.5	60.8	62.2	60.4	59.5	59.1	48.7	54.5	55.9	57.6	56.2	63.5		
MISC. STEEL	331159	.65	127.5	129.0	138.3	129.3	126.1	131.0	134.9	154.4	129.5	114.5	150.9	168.0	177.4	177.9		
IRON & STEEL FOUNDRIES	3321	.87	65.8	67.5	68.6	67.8	61.1	68.3	68.0	77.6	68.6	60.9	75.5	82.0	78.9	82.0		

Table 4A—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1983	1984												
		PRO- TION	PER- AVG.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.
NONFERROUS METALS 333-6,9		2.36	110.1	105.4	110.0	110.7	112.6	108.1	113.5	115.5	114.1	121.5	117.4	121.3	122.6	120.0
PRIMARY NONF. METALS 333		.45	102.6	96.3	98.5	101.5	102.1	106.2	109.4	110.4	111.7	112.7	114.1	119.8	119.5	121.0
COPPER 3331		.09	102.1	106.2	103.0	111.8	104.7	96.8	104.9	102.8	95.8	100.4	99.9	112.2	111.6	110.5
ALUMINUM 3334		.27	113.0	101.5	105.7	108.2	114.0	119.5	123.4	125.9	127.4	132.5	128.8	137.5	141.3	143.6
SECONDARY NONF. METALS 334		.09	126.3	119.5	125.9	115.7	131.9	123.4	134.6	134.0	134.2	136.9	134.7			
NONFERROUS PRODUCTS 335,6		1.45	120.0	115.3	121.8	122.5	121.0	115.3	121.9	124.7	121.9	132.9	126.2	129.8	131.1	125.5
NONFERROUS MILL PROD 335		1.09	135.3	129.5	138.4	138.5	135.3	129.0	136.7	138.8	135.1	150.9	140.6	144.4	145.8	139.2
COPPER MILL PROD		.48	102.8	99.0	107.1	116.5	87.3	84.7	108.6	106.0	87.2	112.6	90.7	108.9	106.3	113.9
ALUMINUM MILL PROD		.61	160.8	153.5	163.0	155.7	172.9	163.6	158.7	164.6	172.7	180.9	179.8	172.3	176.7	159.1
CONSTRUCTION		.13	175.6	166.6	167.9	171.2	186.5	183.6	178.4	191.5	194.0	177.0	216.7	206.5	190.1	184.5
NONCONSTRUCTION		.48	156.8	149.9	161.7	151.5	169.2	158.2	153.4	157.2	167.0	181.9	169.7	163.0	173.1	152.2
NONFERROUS FOUNDRIES 336		.35	72.3	71.0	70.1	72.8	76.5	72.6	76.0	80.9	80.8	76.7	81.1	84.3	85.5	82.9
FABRICATED METAL PRODUCTS 34		5.93														
METAL CANS 341		.38	115.6	114.0	114.8	116.3	112.3	116.5	120.1	118.9	121.7	117.0	116.2	117.1	125.2	121.0
HDWE, PLUMB, STRUCT. MET 342-4		2.67	124.4	119.0	118.8	122.7	127.6	130.2	130.8	128.5	131.1	132.6	135.2	136.1	136.6	137.9
HARDWARE, TOOLS, COIL 342		.76	120.8	114.7	116.5	117.5	124.1	130.3	130.1	129.8	127.5	128.4	128.5	131.0	131.4	130.5
STRUCTURAL METAL PROD 344		1.62	126.1	121.5	119.4	124.7	129.1	129.6	131.5	127.5	132.4	134.2	136.8	137.9	138.4	140.9
OTHER FAB. MET. PROD. 345-9		2.89	117.1	111.7	112.3	115.2	120.8	124.8	126.1	124.5	126.0	128.0	134.2	132.1	134.9	135.7
FASTENERS, STAMP. ETC 345-8		2.03	104.6	99.3	99.8	101.4	107.7	112.0	112.4	110.9	114.1	116.3	123.6	119.8	122.2	122.5
NONELECTRICAL MACHINERY 35		9.15														
ENGINE AND FARM EQUIP. 351,2		1.20	99.6	98.6	104.4	101.3	102.8	92.6	94.7	96.2	107.7	111.2	113.2	116.0	116.7	119.7
FARM TRACTORS		.19	38.6	38.6	41.9	42.4	42.4	27.4	46.4	45.8	47.7	48.1	31.2	40.9	40.6	37.4
CONSTRUCTION & ALLIED EQ 353		1.36	100.3	94.3	95.5	100.4	104.3	105.3	104.6	105.0	107.0	108.2	116.5	116.8	119.8	121.9
TRACKLAYING TRACTORS		.16	28.2	35.2	17.3	24.0	24.9	24.2	26.4	35.8	38.7	33.6	32.4	33.8	35.0	39.8
METALWORKING MACHINERY 354		1.67	101.7	96.8	96.9	98.9	104.2	106.7	108.9	103.6	107.3	106.3	113.3	116.9	122.1	119.9
SPEC. & GENL IND EQ 355,6		2.30	105.7	99.9	101.7	103.7	107.2	112.3	113.5	112.8	113.3	115.2	120.9	120.0	123.0	122.1
OFFICE, SERV. & MISC. 357-9		2.63	120.2	260.9	263.0	266.0	267.5	276.9	275.0	288.0	290.6	300.8	310.3	308.4	312.6	305.0
ELECTRICAL MACHINERY 36		8.05														
MAJOR ELECT. EQ. & PIS. 361,2		1.74	117.3	111.9	114.9	116.7	114.4	124.3	124.7	120.1	124.6	120.9	123.9	129.1	127.7	124.5
HOUSEHOLD APPLIANCES 363		.83	137.0	128.5	132.3	134.2	132.0	143.7	151.2	151.6	144.7	143.6	160.4	157.5	153.9	152.1
COOKING STOVES 3631		.08	151.4	136.9	138.2	151.4	146.3	146.5	176.0	172.7	178.8	173.1	171.3	178.9	186.6	175.5
REFRIGERATION APPL. 3632		.26	111.9	96.6	106.5	105.0	111.7	124.2	138.5	142.3	123.8	106.0	141.3	149.0	144.3	144.5
LAUNDRY APPLIANCES 3633		.13	136.6	127.7	138.2	139.3	116.1	136.6	140.5	145.2	143.6	152.0	157.7	152.5	138.6	127.0
MISC. APPLIANCES 3634-6,9		.36	152.1	150.2	147.7	149.8	149.6	160.1	158.6	155.9	152.5	161.1	172.8	160.6	159.1	161.8
TV AND RADIO SETS 365		.52	93.0	80.6	80.0	91.2	110.8	93.9	96.9	109.1	105.3	110.0	112.3	111.1	111.6	114.8
COMMUNICATION EQUIPMENT 366		2.30	178.0	177.8	176.1	177.2	184.4	168.9	181.5	182.4	183.6	186.6	192.6	195.3	196.9	203.5
ELECTRONIC COMPONENTS 367		1.43	357.1	339.2	343.2	348.1	368.4	364.6	374.0	382.9	391.8	401.0	419.3	430.7	438.6	448.6
TV TUBES 3671-3		.31	39.1	35.5	36.6	31.5	48.5	43.1	35.7	43.1	45.0	44.9	50.5	46.0	40.0	45.6
MISC. ELECTRICAL SUPP. 369		.49	188.8	183.2	188.2	188.6	190.9	186.3	197.0	207.6	205.0	206.4	221.6	208.5	216.3	214.0
STORAGE BATTERY, REPL. 3691		.09	244.6	254.5	267.0	260.4	264.1	241.7	259.7	275.2	268.3	272.5	300.7	229.7	256.2	248.8
TRANSPORTATION EQUIPMENT 37		9.27														
MOTOR VEHICLES AND PARTS 371		4.50														
AUTOS, TOTAL		1.90	117.4	102.7	107.4	118.3	129.8	132.0	135.0	129.6	129.4	137.4	140.7	140.4	142.4	134.5
LARGE AUTOS		.179	73.1	67.3	70.5	76.4	87.4	88.3	85.0	77.4	75.5	77.0	82.7	85.0	84.9	78.0
SMALL AUTOS		.11	846.2	685.5	713.5	807.2	826.2	849.8	957.5	988.3	1014.3	1130.3	1094.2	1052.8	1087.4	1063.7
TRUCKS AND BUSES		.53	171.2	157.8	173.6	176.2	173.7	171.8	187.4	197.4	205.4	209.0	220.3	215.2	219.0	217.0
BUSINESS VEHICLES		.40	104.0	98.6	105.5	108.0	107.8	107.7	112.0	119.2	128.5	128.0	130.7	128.4	134.4	
UTILITY VEHICLES		.13	372.5	334.8	377.4	380.5	370.7	363.5	413.0	431.4	435.4	451.5	488.5	474.9	472.2	
TRUCK TRAILERS		.09	146.7	98.0	115.7	129.2	135.8	157.9	190.8	194.6	199.5	261.0	300.0	244.2	262.1	247.5
MOTOR VEHICLE PARTS		1.98	146.4	140.0	141.7	142.9	146.2	148.3	154.7	156.9	159.6	161.7	170.5	170.3	169.7	171.2
AIRCRAFT AND PARTS 372		3.73	96.5	97.0	95.7	94.4	95.1	95.4	96.1	97.2	98.0	99.8	100.5	102.2	102.0	104.1
SHIPS AND BOATS 373		.56	131.2	121.2	125.5	127.7	136.4	132.7	134.2	139.3	146.3	141.5	151.9	153.2	150.4	153.5
RAIL & MISC TRANS EQ 374,5,9		.49	86.9	78.1	81.3	82.6	84.7	86.2	89.5	92.4	94.6	102.1	108.4	92.6	94.1	92.1
RAILROAD EQUIPMENT 374		.26	19.5	15.5	15.7	12.6	11.0	12.9	19.5	27.3	20.4	33.3	36.8	18.0	20.5	24.3
MOBILE HOMES 379		.18	138.2	127.2	135.3	140.7	138.9	142.0	143.1	138.9	145.1	144.1	148.3	145.7	140.2	
INSTRUMENTS 38		2.11														
EQUIPMENT INSTR. & PIS. 381-4		1.07	185.4	178.2	180.0	182.7	188.5	189.7	194.2	191.2	189.5	194.7	200.5	200.0	199.7	201.6
CONSUMER INSTR. PROD. 385-7		1.04	130.9	131.4	131.3	127.3	128.3	130.1	131.9	131.3	132.7	131.7	137.3	137.4	138.7	139.1
MISC. MANUFACTURES 39		1.51														
MISC. CONS. GOODS 391,3,4,6		.86	160.1	159.1	164.8	168.7	176.1	170.6	167.2	161.3	161.9	160.6	168.7	167.3	168.1	163.4
MISC. BUS. SUPPLIES 395,9		.65	126.9	126.6	125.2	124.8	127.6	129.3	129.1	130.1	129.1	131.8	130.3	129.9	128.5	133.2
ELECTRIC UTILITIES 49		3.88	196.0													
ELEC UTIL GENERATION		1.90	186.8	179.4	182.4	182.0	195.1	198.2	192.2	191.8	189.6	197.4	196.9	189.3	195.5	
FOSSIL FUEL GENERATION		1.54	167.1	157.2	159.7	160.1	176.5	183.6	175.0	173.4	169.4	176.4	176.1	165.5	175.2	
HYDRO & NUCLEAR GENERAT.		.36	271.7	274.8	2											

Not seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES		SIC CODE	1967 PRO- CON- TION	1983 PRO- CON- AVG.	1983										1984			
					APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	
NONFERROUS METALS		333-6,9	2.36	110.1	113.7	117.7	116.3	98.9	103.5	112.1	115.2	110.1	113.8	114.3	125.6	131.5	129.0	
PRIMARY NONF. METALS		3331	.45	102.6	98.8	99.7	99.6	94.7	102.1	107.3	112.3	114.1	115.1	116.8	122.1	120.0	123.3	
COPPER		33311	.09	102.1	116.7	111.4	109.9	80.4	86.9	101.8	105.2	99.1	101.4	100.2	117.7	120.1	121.4	
ALUMINUM		3334	.27	113.0	100.7	105.1	107.3	112.7	117.8	122.7	127.0	130.2	135.3	135.9	137.6	138.8	142.5	
SECONDARY NONF. METALS		334	.09	126.3	126.3	129.1	122.1	109.3	121.2	133.5	137.7	136.4	125.2	129.1				
NONFERROUS PRODUCTS		335,6	1.45	120.0	127.6	133.3	131.2	106.4	110.0	119.8	122.8	113.6	120.1	121.0	134.9	144.1	139.1	
NONFERROUS MILL PROD		3351	1.09	135.3	144.6	152.7	148.6	120.9	123.5	134.1	135.2	124.6	136.6	133.2	148.4	160.8	155.8	
COPPER MILL PROD			.48	102.8	117.4	122.3	121.2	68.5	74.4	104.1	103.2	81.2	102.0	87.9	111.3	128.0	135.1	
ALUMINUM MILL PROD			.61	160.8	166.0	176.5	170.2	162.1	162.1	157.6	160.2	158.6	163.7	168.7	177.5	186.5	172.0	
CONSTRUCTION			.13	175.6	180.7	182.1	190.7	177.0	191.9	178.1	190.5	179.8	149.2	194.5	206.3	201.5	200.0	
NONCONSTRUCTION			.48	156.8	162.0	175.0	164.6	158.0	154.0	152.0	152.0	152.8	167.6	161.7	169.7	182.4	164.4	
NONFERROUS FOUNDRIES		336	.35	72.3	74.6	73.0	77.0	61.1	68.0	75.4	84.3	79.3	68.7	82.9	92.9	92.2	87.0	
FABRICATED METAL PRODUCTS		34	5.93															
METAL CANS		3411	.38	115.6	111.3	114.2	120.6	120.0	125.2	126.3	120.0	117.1	108.2	109.1	115.1	122.4	118.1	
HDWE, PLUMB, STRUCT, MET		342-4	2.67	124.4	118.4	117.7	122.7	122.5	128.2	132.6	131.2	133.9	132.7	132.0	138.8	138.8	137.2	
HARDWARE, TOOLS, CUTL		3421	.76	120.8	114.9	116.1	117.7	119.9	126.4	133.2	133.8	129.8	126.0	124.8	133.3	133.8	130.7	
STRUCTURAL METAL PROD		344	1.62	126.1	120.4	118.1	124.6	123.6	129.1	131.9	129.3	135.4	135.8	134.3	140.4	140.4	139.7	
OTHER FAB. MET. PROD.		345-9	2.89	117.1	112.2	112.7	117.3	116.6	122.7	127.8	125.3	127.6	126.5	128.6	134.1	137.6	136.3	
FASTENERS, STAPLS, ETC		345-8	2.03	104.6	100.0	100.3	103.4	103.3	109.8	114.3	113.1	115.9	114.8	117.7	121.6	124.6	123.3	
NONELECTRICAL MACHINERY		35	9.15															
ENGINE AND FARM EQUIP.		351,2	1.20	99.6	98.9	102.7	102.5	96.5	88.2	97.3	97.7	107.0	112.6	113.6	119.5	119.8	119.6	
FARM TRACTORS			.19	38.6	44.2	44.4	48.3	27.7	21.8	48.3	49.9	41.0	40.8	33.5	47.2	46.3	42.8	
CONSTRUCTION & ALLIED EQ		353	1.36	100.3	93.0	93.5	101.0	101.9	103.7	109.0	107.8	110.0	110.2	111.5	117.2	118.1	120.1	
TRACKLAYING TRACTORS			.16	28.2	38.0	17.9	25.9	20.9	20.3	27.2	37.0	36.1	31.5	32.0	38.4	37.6	43.0	
METALWORKING MACHINERY		354	1.67	101.7	96.8	94.9	100.3	102.7	106.6	112.8	106.1	107.2	103.7	110.0	118.3	122.3	119.9	
SPEC. & GEN'L IND EQ		355,6	2.30	105.7	99.3	101.2	106.1	105.1	112.0	118.0	114.2	114.7	113.1	117.0	120.3	122.3	121.4	
OFFICE, SERV. & MISC.		357-9	2.63	270.2	253.1	257.2	276.5	285.0	291.7	292.9	296.9	289.4	283.6	288.9	299.6	297.8	296.6	
ELECTRICAL MACHINERY		36	8.05															
MAJOR ELECT. EQ. & PIS.		361,2	1.74	117.3	112.2	115.0	120.4	115.9	124.8	129.0	124.8	123.0	116.2	118.6	125.9	126.4	124.8	
HOUSEHOLD APPLIANCES		363	.63	137.0	137.3	138.1	141.8	121.0	134.4	153.5	164.4	137.2	116.8	157.6	165.7	163.3	164.1	
COOKING STOVES		3631	.08	151.4	148.2	151.8	166.8	119.0	143.2	175.3	191.5	167.0	137.4	170.5	188.8	191.8	190.3	
REFRIGERATION APPL.		3632	.26	111.9	112.0	122.4	125.2	118.2	85.6	131.1	144.7	106.2	73.1	146.7	159.1	162.7	168.3	
LAUNDRY APPLIANCES		3633	.13	136.6	140.1	150.1	142.6	93.4	159.2	143.3	163.2	125.8	112.2	147.6	157.2	149.6	139.4	
MISC. APPLIANCES		3634-6,9	.36	152.1	152.3	141.9	148.0	134.0	158.8	168.7	173.0	157.2	145.6	166.4	168.3	162.2	164.2	
TV AND RADIO SETS		365	.52	93.0	77.2	83.8	90.7	86.1	100.1	110.5	126.0	111.9	95.2	104.8	109.1	110.3	109.9	
COMMUNICATION EQUIPMENT		366	2.30	178.0	173.4	174.0	177.9	179.4	168.1	182.2	183.8	187.9	193.1	191.9	195.2	196.9	198.5	
ELECTRONIC COMPONENTS		367	1.43	357.1	331.9	341.0	354.2	355.9	368.6	381.1	391.8	401.5	408.6	412.4	422.6	429.7	439.1	
TV TUBES		3671-3	.31	39.1	37.4	40.3	31.2	36.8	46.7	41.6	50.0	43.7	33.1	48.9	45.5	40.7	48.1	
MISC. ELECTRICAL SUPP.		369	.49	188.8	170.5	174.5	180.2	178.2	186.8	212.8	222.9	219.0	223.8	222.7	205.4	204.3	201.3	
STORAGE BATTERY, REPL.		3691	.09	244.6	188.8	191.4	207.7	211.6	252.1	329.8	355.5	316.8	327.2	338.3	233.3	208.0	184.6	
TRANSPORTATION EQUIPMENT		37	9.27															
MOTOR VEHICLES AND PARTS		371	4.50															
AUTOS, TOTAL			1.90	117.4	114.3	121.6	134.1	98.9	99.8	128.1	147.2	131.5	118.3	137.9	150.1	161.1	144.3	
LARGE AUTOS			1.79	73.1	75.4	80.0	86.0	62.5	61.8	77.4	88.2	77.8	69.5	84.4	92.6	96.8	81.9	
SMALL AUTOS			.11	846.2	754.1	806.3	924.2	698.1	724.9	962.3	1116.8	1014.3	921.2	1017.6	1094.9	1217.9	1170.1	
TRUCKS AND BUSES			.53	171.2	166.6	178.6	195.1	135.0	150.8	191.0	219.1	200.6	177.1	217.3	230.1	249.3	229.4	
BUSINESS VEHICLES			.40	104.0	99.6	109.7	120.4	79.8	92.6	115.3	132.3	122.1	108.8	132.0	139.3	158.2		
UTILITY VEHICLES			.13	372.5	366.9	384.9	418.5	300.3	325.0	417.5	478.9	435.4	381.5	472.4	502.0	521.8		
TRUCK TRAILERS			.09	146.7	108.0	119.9	138.4	125.2	157.3	184.3	191.1	192.9	230.4	261.8	267.2	289.5	272.9	
MOTOR VEHICLE PARTS			1.98	146.4	139.3	142.0	144.6	142.1	144.9	154.9	158.7	162.0	170.4	169.3	168.7	169.5	171.2	
AIRCRAFT AND PARTS		372	3.73	96.5	96.2	95.9	94.5	93.2	92.9	95.9	96.7	99.6	102.1	100.9	102.8	102.3	103.2	
SHIPS AND BOATS		373	.56	131.2	124.4	127.7	129.8	133.8	126.2	130.9	140.6	148.4	146.5	147.6	152.6	151.0	157.8	
RAIL & MISC TRANS EQ		374,5,9	.49	86.9	86.7	87.3	93.2	78.9	93.2	95.7	99.0	89.9	86.7	88.0	88.3	96.4	101.6	
RAILROAD EQUIPMENT		374	.26	19.5	16.6	15.6	12.5	9.4	11.9	19.1	26.6	21.4	36.3	36.1	17.4	23.3	26.0	
MOBILE HOMES		379	.18	138.2	145.6	148.2	163.6	135.6	159.8	155.8	156.3	130.8	104.2	111.4	129.5	142.4		
INSTRUMENTS		38	2.11															
EQUIPMENT INSTR. & PIS.		381-4	1.07	185.4	175.1	178.7	188.0	189.3	192.4	201.9	194.6	192.1	192.8	191.0	195.8	196.4	198.1	
CONSUMER INSTR. PROD.		385-7	1.04	130.9	129.0	131.0	129.3	127.4	130.8	133.8	133.0	135.3	133.6	133.9	135.1	136.6	136.5	
MISC. MANUFACTURES		39	1.51															
MISC. CONS. GOODS		391,3,4,6	.86	160.1	156.7	163.9	174.2	169.1	177.8	184.2	169.2	163.7	152.6	153.9	165.1	163.4	161.0	
MISC. BUS. SUPPLIES		395,9	.65	126.9	124.8	123.1	126.7	126.1	132.5	133.5	134.1	129.8	128.8	125.0	128.7	128.9	131.3	
ELECTRIC UTILITIES			3.88	196.0														
ELEC. UTILITY GENERATION			1.90	186.8	166.2	170.1	186.2	214.4	215.2	190.5	177.4	178.2	199.2	211.0	192.2	187.1		
FOSSIL FUEL GENERATION			1.54	167.1	141.0	144.7	162.7	198.9	204.9	178.1	162.9	159.2	177.5	188.3	165.6	163.7		
HYDRO & NUCLEAR GENERAT.			.36	271.7	274.3	279.1	287.4	281.0	259.4	243.9	239.9	259.9	292.6	308.5	306.6	287.9		
ELEC. UTIL. SALES			1.98	204.8	186.7	177.1	191.3	223.4	241.0	232.5	196.9	189.7	217.1	238.0	218.1			
RESIDENTIAL KWH			.83	221.3	198.6	175.1	190.8	243.0	275.3	257.0	195.2	189.4	247.0	280.0	246.0			
NONRESIDENTIAL KWH			1.15	193.1	178.1	178.6	191.7	209.4	216.4	214.9	198.1	189.9	195.7	207.7	198.2			
SIC KWH			.47	141.4	137.0	140.9	141.8	141.5	147.6	151.0	153.0	151.0	149.5	150.1	151.5			
COMMERCIAL & OTHER KWH			.65	228.9	206.9	204.7	225.9	253.5	264.3	260.2	229.0	216.7	228.5	248.8	231.1			
GAS UTILITIES			1.81															
GAS TRANSMISSION			.65															
GAS SALES			1.17															
RESIDENTIAL GAS			.62															
INDUSTRIAL GAS			.35															
COMM'L & OTHER GAS			.20															

Table 5

INDUSTRIAL PRODUCTION: INDEXES; 1967=100

Quarterly averages, seasonally adjusted

SUMMARY GROUPINGS	1982	1983				1984
	IV	I	II	III	IV	I
TOTAL INDEX	135.3	138.5	144.5	151.8	155.5	159.8
PRODUCTS, TOTAL	139.4	140.9	146.3	153.0	156.3	160.4
FINAL PRODUCTS	138.8	139.6	144.6	150.6	153.7	158.0
CONSUMER GOODS	141.8	143.8	150.2	156.1	156.9	159.6
DURABLE CONSUMER GOODS	125.7	134.1	145.1	154.9	157.1	163.0
AUTOMOTIVE PRODUCTS	124.3	141.0	152.4	169.3	173.7	183.5
HOME GOODS	126.4	130.2	141.0	146.7	147.7	151.4
NONDURABLE CONSUMER GOODS	148.3	147.6	152.1	156.6	156.8	158.3
CLOTHING	158.7	158.0	162.7	167.2	166.2	167.0
CONSUMER STAPLES	149.9	141.9	152.3	155.5	154.5	154.5
CONSUMER ENERGY (HOME GOODS AND CLOTHING)	119.2	120.9	128.6	133.7	136.3	140.2
EQUIPMENT	134.8	133.9	137.0	143.0	149.3	155.9
BUSINESS EQUIPMENT	147.2	144.3	148.3	156.2	164.2	171.6
INDUSTRIAL EQUIPMENT	117.8	115.1	114.8	123.3	128.7	134.4
COMMERCIAL, TRANSIT, FARM EQ.	181.2	178.2	187.0	194.3	205.3	214.6
DEFENSE AND SPACE EQUIPMENT	113.8	116.5	117.9	120.8	124.2	129.3
INTERMEDIATE PRODUCTS	141.6	145.6	152.5	161.9	165.8	169.0
CONSTRUCTION SUPPLIES	123.0	129.9	139.0	148.7	151.8	157.1
BUSINESS SUPPLIES	160.1	161.2	166.0	175.0	179.8	180.9
COMMERCIAL ENERGY PRODUCTS	181.7	179.8	182.6	187.4	187.5	190.3
MATERIALS	128.7	134.8	141.7	149.9	154.3	158.8
DURABLE GOODS MATERIALS	117.1	125.2	134.7	144.2	150.3	157.6
BASIC METAL MATERIALS	70.3	82.2	88.9	92.9	97.3	101.4
NONDURABLE GOODS MATERIALS	157.0	163.7	171.7	179.1	183.5	183.7
TEXTILE, PAPER AND CHEMICAL MAT	160.8	169.3	179.6	188.0	193.2	193.2
TEXTILE MATERIALS	103.0	107.2	113.7	121.2	122.4	120.5
PAPER MATERIALS	147.6	149.9	153.4	162.8	167.4	165.7
CHEMICAL MATERIALS	191.9	204.7	219.4	227.8	235.0	236.5
ENERGY MATERIALS	121.5	122.2	121.5	127.4	127.8	131.2
MANUFACTURING	134.5	138.4	145.2	152.8	156.5	161.0
DURABLE	119.8	124.2	131.1	139.1	143.8	150.1
NONDURABLE	155.7	159.0	165.5	172.7	174.8	176.7
MINING AND UTILITIES	140.3	138.8	139.4	145.4	148.2	150.2
MINING	117.0	116.7	112.3	116.1	121.0	124.2
UTILITIES	166.2	163.6	169.6	178.2	178.4	179.2

Table 6

**INDUSTRIAL PRODUCTION:
GROSS VALUE OF PRODUCTS**Billions of 1972 dollars at annual rates,
seasonally adjusted

	1982	1983				1984
	IV	I	II	III	IV	I
PRODUCTS, TOTAL	570.4	580.2	601.6	628.0	640.5	657.4
FINAL PRODUCTS	443.3	449.0	465.0	483.3	493.1	506.1
CONSUMER GOODS	306.3	312.2	324.9	337.3	340.1	345.8
DURABLE CONSUMER GOODS	72.6	79.5	86.1	94.0	94.9	98.8
AUTOMOTIVE PRODUCTS	32.6	37.9	41.2	47.0	47.6	50.6
HOME GOODS	40.0	41.6	45.0	47.0	47.3	48.2
NONDURABLE CONSUMER GOODS	233.7	232.7	238.8	243.3	245.3	247.0
CLOTHING	205.2	204.7	209.8	213.0	214.0	214.8
CONSUMER STAPLES	43.0	40.7	43.4	44.3	44.1	44.1
CONSUMER ENERGY (HOME GOODS AND CLOTHING)	68.5	69.6	74.0	77.3	78.5	80.4
EQUIPMENT	137.0	136.7	140.1	146.0	153.0	160.2
BUSINESS EQUIPMENT	89.5	88.2	91.0	95.6	101.2	106.3
INDUSTRIAL EQUIPMENT	37.0	36.2	36.1	38.7	40.1	42.2
COMMERCIAL, TRANSIT, FARM EQ.	52.5	51.9	54.8	56.9	61.1	64.1
DEFENSE AND SPACE EQUIPMENT	47.5	48.6	49.2	50.4	51.8	54.0
INTERMEDIATE PRODUCTS	127.1	131.2	136.6	144.7	147.4	151.3
CONSTRUCTION SUPPLIES	52.0	55.6	58.8	63.2	63.8	66.9
BUSINESS SUPPLIES	75.1	75.6	77.8	81.5	83.6	84.5
COMMERCIAL ENERGY PRODUCTS	19.8	19.6	20.0	20.4	20.4	20.7
MATERIALS						
DURABLE GOODS MATERIALS						
BASIC METAL MATERIALS						
NONDURABLE GOODS MATERIALS						
TEXTILE, PAPER AND CHEMICAL MAT						
TEXTILE MATERIALS						
PAPER MATERIALS						
CHEMICAL MATERIALS						
ENERGY MATERIALS						

Table 7

INDUSTRIAL PRODUCTION: GROSS VALUE OF PRODUCTS

Billions of 1972 dollars at annual rates, seasonally adjusted

MAJOR MARKET GROUPINGS	1972 DOLS- LAES	1983 AVG. MAY	1983 JUNE	1983 JULY	1983 AUG.	1983 SEPT.	1983 OCT.	1983 NOV.	1983 DEC.	1984 JAN.	1984 FEB.	1984 MAR.	1984 APR.	1984 MAY
PRODUCTS, TOTAL	507.4	612.6	601.8	610.5	620.5	626.6	637.0	637.8	638.4	645.4	655.1	656.9	660.2	664.7
FINAL PRODUCTS	390.9	472.6	465.6	471.8	478.2	481.8	489.9	490.7	490.8	497.8	505.3	505.0	507.9	511.9
CONSUMER GOODS	277.5	328.7	325.6	330.4	333.7	336.7	341.6	340.2	338.3	341.9	345.3	345.3	346.8	349.1
DURABLE CONSUMER GOODS	82.0	88.6	85.9	89.3	93.5	93.3	95.3	94.3	94.1	96.2	99.2	98.5	98.8	97.7
AUTOMOTIVE PRODUCTS	41.1	43.5	41.1	43.5	46.5	46.7	47.9	47.0	47.0	48.9	50.8	50.3	50.8	49.0
HOME GOODS	40.9	45.2	44.8	45.8	47.0	46.6	47.5	47.3	47.1	47.3	48.4	48.2	48.0	48.7
NONDURABLE CONSUMER GDS	195.5	240.0	239.7	241.1	240.2	243.4	246.2	245.9	244.2	245.7	246.1	246.8	248.0	251.4
CLOTHING	28.5													
CONSUMER STAPLES	167.0	210.4	210.6	211.6	210.2	213.5	215.3	215.0	213.4	213.6	213.9	214.5	215.8	218.6
CONSUMER ENERGY PRDCT	39.2	43.1	43.7	43.2	43.6	44.0	45.2	43.6	44.3	44.3	43.5	44.2	44.6	45.3
(HOME GOODS & CLOTHING)	69.4	74.9	73.9	75.3	77.1	76.5	78.4	78.2	77.9	79.4	80.6	80.5	80.3	81.5
EQUIPMENT	113.4	144.0	140.0	141.4	144.5	145.1	148.4	150.5	152.5	155.9	160.0	159.7	161.1	162.8
BUSINESS EQUIPMENT	80.6	94.0	91.0	92.3	94.1	95.0	97.6	99.2	100.8	103.5	106.4	105.6	106.8	107.3
INDUSTRIAL EQUIPMENT	34.4	37.8	36.0	36.7	37.6	39.1	39.3	39.4	40.1	40.8	41.9	42.1	42.6	42.7
COM'L, TRANSIT, FARM EQ	46.2	56.2	55.0	55.6	56.5	56.0	58.3	59.8	60.7	62.7	64.5	63.5	64.3	64.6
DEFENSE & SPACE EQUIP.	32.7	50.0	49.0	49.2	50.4	50.1	50.8	51.3	51.8	52.5	53.5	54.1	54.3	55.5
INTERMEDIATE PRODUCTS	116.6	140.0	136.2	138.7	142.3	144.8	147.1	147.1	147.6	147.6	149.8	151.9	152.3	152.8
CONSTRUCTION SUPPLIES	57.8	60.4	58.5	60.5	62.6	63.1	63.8	63.9	63.8	63.8	65.7	67.0	68.0	68.1
BUSINESS SUPPLIES	58.8	79.6	77.7	78.2	79.7	81.7	83.2	83.2	83.8	83.7	84.1	84.9	84.3	84.7
COMMERCIAL ENERGY PROD.	15.6	20.1	20.0	19.8	20.1	20.4	20.7	20.4	20.5	20.4	20.9	20.9	20.3	20.5

Table 8

INDUSTRIAL PRODUCTION: DIFFUSION INDEXES

Percent of component series higher than in earlier months

	ONE MONTH EARLIER	THREE MONTHS EARLIER	SIX MONTHS EARLIER
<u>1967-83</u>			
AVERAGE	54.2	57.1	59.3
HIGH	75.5	83.8	87.0
LOW	22.6	15.7	14.7
<u>1982</u>			
APRIL	36.2	46.6	23.6
MAY	44.3	34.0	30.2
JUNE	46.4	44.0	39.8
JULY	53.0	48.9	46.2
AUGUST	45.5	53.8	40.4
SEPTEMBER	45.5	44.7	42.8
OCTOBER	35.1	39.6	43.8
NOVEMBER	40.1	39.8	43.8
DECEMBER	46.2	38.7	36.0
<u>1983</u>			
JANUARY	64.9	63.0	46.0
FEBRUARY	45.5	61.7	48.1
MARCH	70.4	67.9	60.9
APRIL	59.4	60.0	68.3
MAY	64.9	74.5	74.3
JUNE	66.0	71.7	77.2
JULY	75.5	79.4	75.1
AUGUST	57.9	76.0	79.1
SEPTEMBER	75.5	83.8	86.6
OCTOBER	56.0	69.8	87.0
NOVEMBER	56.6	67.2	80.9
DECEMBER	60.6	60.2	79.1
<u>1984</u>			
JANUARY	70.2	68.5	78.3
FEBRUARY	58.7	73.4	80.4
MARCH	55.3	68.7	71.9
APRIL	52.6	58.1	70.2

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 9A
ELECTRIC POWER USE BY INDUSTRIES
Seasonally adjusted indexes, 1967=100

SERIES	SIC (1967)	EIL. KWH. 1967	1983 AVG.	1983 Q 1	Q 2	Q 3	Q 4	1984 Q 1	1983 NOV	DEC	1984 JAN	FEB	MAR	APR	PERCENT CHG. FROM PREV. MO. (P)	YR. (P)
TOTAL		560.4	126.5	118.7	123.9	131.1	132.0	135.6	131.7	133.1	133.3	136.7	136.9	137.4	.4	12.9
MAJOR MARKET GROUPINGS																
PRODUCTS, TOTAL		136.1	152.0	145.1	149.7	157.3	155.6	161.1	154.8	156.5	160.4	160.7	162.1	160.0	-1.3	8.2
FINAL PRODUCTS		101.4	150.0	143.4	147.6	155.8	152.6	158.4	151.7	153.4	157.5	158.0	159.6	157.2	-1.5	7.7
CONSUMER GOODS		67.4	156.7	150.1	154.9	162.8	158.3	164.1	157.2	158.3	162.8	164.0	165.6	163.1	-1.6	6.2
EQUIPMENT		34.0	132.9	126.5	129.3	137.6	137.9	144.1	137.4	140.2	145.0	143.0	144.2	142.6	-1.1	12.2
INTERMEDIATE PRODUCTS		34.7	158.2	149.4	156.2	162.4	164.2	168.3	163.5	165.7	167.5	167.8	169.5	168.8	-.4	9.7
MATERIALS		424.3	118.0	110.1	115.4	122.1	124.2	127.4	124.2	125.4	124.4	128.6	129.1	130.2	.9	14.9
DURABLE		237.7	103.8	94.7	100.7	108.4	111.8	117.1	112.0	113.5	113.1	118.8	119.5	119.4	0.0	21.8
NONDURABLE		133.0	134.9	127.9	134.1	138.4	139.1	140.5	139.5	137.6	136.9	141.6	142.9	142.8	-.1	7.7
ENERGY, EX. ERDA		23.8	182.8	177.5	179.3	186.0	188.4	200.6	187.3	194.8	196.3	199.6	205.8	210.3	2.2	18.6
MAJOR INDUSTRY DIVISIONS																
MINING	10-14	34.7	158.3	151.9	153.7	163.2	165.0	180.5	164.7	168.6	173.0	183.1	185.5	183.9	-.9	23.2
MANUFACTURING		519.2	124.8	117.3	122.2	129.4	130.2	133.2	130.0	131.3	130.8	134.5	134.3	134.6	.2	12.2
DURABLE	19, 24-25, 32-39	254.1	113.5	104.7	109.9	118.3	120.8	126.6	120.7	123.0	123.9	127.6	128.3	127.3	-.8	18.1
NONDURABLE	20-23, 26-31	265.1	135.6	130.1	133.6	139.4	138.9	140.3	138.6	139.1	138.1	142.1	140.8	141.3	.3	7.5
UTILITIES, OWN USE	491, 2	6.5														
INDUSTRY GROUPS AND SERIES																
METAL MINING	10	9.9	115.3	105.0	117.0	123.1	116.4	131.6	117.4	111.5	117.6	135.8	141.2	137.0	-3.0	24.4
IRON ORE	101	5.0	105.5	92.7	110.0	118.5	100.7	131.8	97.5	97.1	108.6	137.9	148.8	146.7	-1.4	54.2
COPPER ORE	102	3.0	139.3	126.7	137.2	144.4	149.9	138.6	160.6	138.4	138.2	140.9	136.8	128.8	-5.9	-8.6
COAL	11, 2	5.9	190.0	187.5	177.6	184.3	209.8	233.6	214.0	225.0	238.6	226.7	235.6	227.5	-3.4	26.6
OIL AND GAS EXTRACTION	13	11.9	208.4	201.0	202.3	218.3	211.8	228.0	205.9	219.8	216.5	233.2	234.2	243.6	4.0	24.8
CRUDE OIL AND NAT. GAS	131	8.9	239.5	230.5	228.1	253.8	245.8	270.5	238.4	259.9	255.6	279.5	276.5	288.6	4.4	34.7
NATURAL GAS LIQUIDS	132	2.5	118.8	121.7	123.4	119.1	111.1	111.0	107.6	108.8	105.2	104.7	123.1	128.1	4.1	-7.7
STONE AND EARTH MINERALS	14	6.9	134.4	130.2	132.8	132.8	141.9	147.6	143.2	144.7	144.4	147.8	150.5	149.2	-.9	13.2
CRUSHED STONE	142	1.5	153.5	149.4	150.5	155.4	158.2	170.6	153.1	164.9	167.9	169.4	174.4	163.2	-6.4	9.8
SAND AND GRAVEL	144	1.1	110.6	101.7	104.0	115.5	119.4	140.3	114.7	128.2	145.7	137.7	137.4	129.0	-6.1	33.6
CHEMICAL MINERALS	147	3.4	135.8	135.0	133.6	130.3	144.4	148.2	149.5	145.5	143.4	150.3	150.9	152.0	.7	10.6
ORDNANCE	19	4.1	102.7	99.3	99.4	104.2	107.7	112.5	103.8	109.0	112.0	113.3	112.3	104.6	-6.9	6.9
FOODS	20	26.8	163.7	159.2	162.4	168.7	163.9	168.9	161.5	164.1	164.0	169.4	173.2	171.7	-.8	6.2
MEAT PRODUCTS	201	4.2	166.9	172.7	164.3	166.8	164.2	173.3	160.6	166.1	168.1	167.5	184.3	168.0	-8.9	3.2
DAIRY PRODUCTS	202	4.1	146.8	147.8	143.4	148.0	148.8	161.8	147.1	156.9	160.9	159.3	165.1	162.0	-1.9	8.7
CANNED AND FROZEN FOODS	203	3.2	212.3	207.4	212.2	217.1	212.3	213.1	207.4	215.3	203.0	213.2	223.1	226.8	1.7	11.9
GRAIN MILL PRODUCTS	204	4.8	152.7	142.8	152.1	161.0	154.9	155.5	151.2	156.9	155.0	155.7	155.7	156.1	.3	5.0
BAKERY PRODUCTS	205	1.8	152.1	146.0	148.9	157.0	155.6	162.4	151.8	158.7	157.9	163.7	165.6	164.4	-.7	10.6
SUGAR	206	1.2	255.5	213.5	300.9	362.8	219.0	231.5	210.7	194.8	172.4	248.0	274.1	299.8	9.4	8.1
CONFECTIONERY	207	1.0	151.2	168.4	146.5	139.8	154.2	166.3	156.7	163.7	170.8	170.5	157.4	159.5	1.3	3.8
BEVERAGES	208	2.4	207.9	203.0	205.0	212.7	209.9	220.4	208.2	214.1	218.1	229.4	213.8	218.5	2.2	7.1
MISC. FOOD PRODUCTS	209	4.1	128.2	124.4	126.3	134.6	127.0	127.2	122.9	123.6	122.0	125.0	134.8	130.7	-3.0	3.9
TOBACCO PRODUCTS	21	.9	122.9	114.3	122.8	125.7	128.2	130.2	123.2	134.1	128.3	128.6	133.7	137.4	2.8	17.7
TEXTILE MILL PRODUCTS	22	20.8	114.9	101.7	113.2	122.0	121.8	118.4	117.4	121.8	114.7	117.1	123.5	117.6	-4.8	8.5
FABRICS	221-4	11.7	90.8	77.7	89.0	99.1	96.7	92.4	92.7	96.6	89.3	90.3	97.7	91.8	-6.1	10.4
KNIT GOODS	225	1.7	140.7	133.4	137.9	147.0	143.2	144.8	136.3	143.8	140.1	146.4	147.9	144.4	-2.3	6.4
FABRIC FINISHING	226	1.5	148.3	133.3	144.8	159.9	155.4	147.0	147.4	156.4	145.7	146.4	148.9	146.3	-1.7	3.7
YARN AND THREAD	228	3.9	164.1	142.5	164.3	173.9	173.8	167.5	166.4	172.5	162.5	164.7	175.2	164.9	-5.9	5.8
MISC. TEXTILES	229	1.4	140.8	129.7	136.7	148.0	148.7	141.7	142.9	145.1	126.2	142.2	156.5	142.2	-9.2	10.2
APPAREL PRODUCTS	23	3.6	167.2	165.7	159.5	167.3	176.6	187.2	173.5	184.3	186.2	188.2	187.1	184.3	-1.5	14.9
MEN'S OUTERWEAR	231, 2	1.0	152.8	151.1	146.4	158.5	154.3	168.0	150.4	160.9	164.8	168.5	170.9	167.6	-1.9	14.9
WOMEN'S OUTERWEAR	233	1.0	226.5	226.5	210.1	229.4	241.2	241.5	232.8	256.8	246.0	247.1	231.6	227.8	-1.6	5.8
LUMBER AND PRODUCTS	24	8.0	201.9	190.2	201.3	209.3	207.9	213.5	206.0	212.0	214.3	212.8	213.6	212.8	-.4	7.7
LUMBER	242	3.9	195.5	189.9	194.2	200.2	198.5	203.7	197.4	208.4	205.4	204.8	200.9	196.2	-2.3	4.1
MILLWORK AND PLYWOOD	243	2.2	211.9	193.2	206.6	223.4	226.0	230.5	220.9	227.2	223.3	236.0	232.1	230.6	-.7	11.7
FURNITURE AND FIXTURES	25	2.5	154.8	147.8	152.6	160.6	158.3	165.4	154.9	159.6	163.4	167.5	165.3	164.7	-.3	8.4
HOME FURNITURE	251	1.7	190.4	178.8	192.3	196.2	194.6	198.8	192.1	196.4	197.2	200.9	198.2	193.3	-2.5	1.0
PAPER AND PRODUCTS	26	49.1	127.6	124.7	126.2	130.0	129.5	127.3	130.6	130.3	127.1	128.1	126.8	128.3	1.2	2.0
WOOD PULP	261	3.5	103.3	100.3	105.5	102.2	105.4	98.8	110.2	105.9	94.1	103.0	99.5	106.3	6.9	2.0
PAPER	262	24.5	135.5	130.2	133.4	139.9	138.6	133.4	141.7	140.1	133.4	135.2	131.6	134.0	1.8	-2.2
PAPERBOARD	263	14.8	131.8	131.9	132.8	133.3	129.3	131.2	131.0	131.4	124.9	136.1	132.6	130.8	-1.4	-2.0
CONVERTED PAPER	264	2.5	153.3	147.2	151.7	159.8	154.3	158.0	154.1	156.2	161.9	155.5	156.7	152.6	-2.6	2.9
PAPERBOARD CONTAINERS	265	2.3	141.4	135.3	137.1	144.6	148.5	155.7	146.9	151.9	161.4	155.1	150.5	155.5	3.3	13.0
BUILDING PAPER AND BOARD	266	1.4	191.3	172.4	190.3	196.7	206.1	219.8	194.9	220.6	205.5	224.0	229.8	224.6	-2.3	22.5
PRINTING AND PUBLISHING	27	5.8	179.3	174.5	171.2	182.7	188.5	193.2	187.3	191.8	194.0	192.9	192.7	191.7	-.5	10.8
NEWSPAPERS	271	1.7	150.4	151.9	146.8	148.2	155.7	160.8	152.2	165.5	162.0	159.5	160.9	158.2	-1.7	6.3
COMMERCIAL PRINTING	275	2.4	196.8	195.0	188.3	201.3	202.0	214.6	200.5	206.1	217.6	215.1	211.1	204.1	-3.3	6.9

P--PRELIMINARY

NOTE: THE 1983 SEASONAL FACTORS FOR THE MAJOR MARKET AND INDUSTRY GROUPINGS HAVE BEEN UPDATED.

Table 9B
ELECTRIC POWER USE BY INDUSTRIES
Not seasonally adjusted, 1967=100

SERIES	SIC (1967)	BIL. KWH. 1967	1983 AVG.	1983 Q 1	Q 2	Q 3	Q 4	1984 Q 1	1983 NOV	DEC	1984 JAN	FEB	MAR	APR	PERCENT CHG. FROM PREV. YR.	PERCENT CHG. FROM PREV. YR.
														(P)	(P)	(P)
TOTAL		560.4	126.5	117.3	124.7	130.8	133.0	134.1	133.1	131.7	131.5	133.2	137.6	137.5	0.0	12.9
MAJOR MARKET GROUPINGS																
PRODUCTS, TOTAL		136.1	152.0	140.3	149.2	162.1	156.5	155.8	156.4	152.2	153.1	156.6	157.7	156.5	-1.8	8.2
FINAL PRODUCTS		101.4	150.0	138.4	147.0	161.4	153.3	152.9	153.1	148.5	150.1	154.0	154.6	152.8	-1.2	7.7
CONSUMER GOODS		67.4	156.7	144.2	154.0	169.1	159.4	157.7	158.9	154.2	154.9	158.8	159.3	157.7	-1.0	6.2
EQUIPMENT		34.0	132.9	123.7	129.0	141.6	137.5	140.8	138.1	134.0	137.9	141.9	142.6	140.2	-1.7	12.2
INTERMEDIATE PRODUCTS		34.7	158.2	146.1	156.1	164.3	166.2	164.6	166.4	163.6	162.3	164.3	167.2	167.8	.4	9.7
MATERIALS		424.3	118.0	109.7	116.5	120.4	125.2	126.9	125.4	124.9	124.4	125.4	130.9	131.2	.3	14.9
DURABLE		237.7	103.8	94.7	102.1	106.6	111.8	117.2	111.9	112.6	113.3	115.8	122.4	121.0	-1.1	21.8
NONDURABLE		186.6	134.9	125.4	134.9	139.1	140.1	137.7	141.1	136.3	134.6	136.8	141.8	142.6	.6	7.7
ENERGY, EX. PEDA		23.8	182.8	186.3	178.6	176.7	189.4	210.5	189.1	204.3	214.0	210.6	206.8	210.5	1.8	18.6
MAJOR INDUSTRY DIVISIONS																
MINING	10-14	34.7	158.3	153.2	156.3	157.9	165.7	182.1	165.0	170.6	176.7	182.5	187.2	187.2	0.0	23.2
MANUFACTURING		519.2	124.8	115.5	122.9	129.5	131.2	131.2	131.3	129.3	128.6	130.4	134.6	134.5	-1.1	12.2
DURABLE	19,24-25,32-39	254.1	113.5	103.8	111.1	117.7	121.2	125.5	121.5	121.0	121.9	124.9	129.8	127.8	-1.6	18.1
NONDURABLE	20-23,26-31	265.1	135.6	126.6	134.1	140.8	140.7	136.6	140.6	137.3	135.1	135.6	139.1	140.9	1.2	7.5
UTILITIES, OWN USE	491,21	6.5														
INDUSTRY GROUPS AND SERIES																
METAL MINING	10	9.9	115.3	104.9	120.0	119.9	116.5	131.3	116.4	111.8	120.1	133.3	140.7	139.0	-1.2	24.4
IRON ORE	101	5.0	105.5	92.1	112.7	116.0	101.1	130.6	96.8	97.7	109.8	134.7	147.3	149.5	1.5	54.2
COPPER ORE	102	3.0	139.3	128.7	142.2	136.3	150.2	140.7	157.4	140.1	144.0	139.8	138.4	130.3	-5.9	-8.6
COAL	11,2	5.9	190.0	204.2	179.4	162.9	213.3	254.4	216.8	235.2	256.0	256.1	250.9	237.6	-5.3	26.6
OIL AND GAS EXTRACTION	13	11.9	208.4	201.7	201.5	218.3	211.9	228.6	205.9	222.0	224.3	228.3	233.3	241.1	3.4	24.8
CRUDE OIL AND NAT. GAS	131	8.9	239.5	231.7	227.2	252.3	247.0	271.6	241.0	262.3	267.6	272.5	274.8	287.2	4.5	34.7
NATURAL GAS LIQUIDS	132	2.5	118.8	118.3	122.3	123.2	111.2	107.9	108.3	107.0	104.6	99.3	119.8	124.4	3.8	-7.7
STONE AND EARTH MINERALS	14	6.9	134.4	124.3	135.1	133.0	145.3	141.0	148.0	145.0	138.5	138.2	146.3	150.1	2.6	13.2
CRUSHED STONE	142	1.5	153.5	124.8	157.6	164.6	167.1	142.5	169.6	161.0	139.6	139.7	148.3	162.1	9.3	9.8
SAND AND GRAVEL	144	1.1	110.6	86.3	107.6	121.7	126.6	119.1	125.4	127.9	122.4	116.0	119.1	128.6	8.0	33.6
CHEMICAL MINERALS	147	3.4	135.8	134.3	134.5	128.1	146.4	147.6	151.3	146.6	144.6	143.8	154.4	153.4	-1.6	10.6
ORDNANCE	19	4.1	102.7	95.5	98.5	109.7	107.1	108.1	102.9	104.2	106.4	109.4	108.6	99.5	-8.3	6.9
FOODS	20	26.8	163.7	150.3	158.1	179.3	167.1	159.3	165.7	161.1	157.6	158.5	161.8	161.3	-1.3	6.2
MEAT PRODUCTS	201	4.2	166.9	157.6	161.1	183.5	165.2	158.0	162.7	158.6	155.0	153.1	166.1	158.4	-4.6	3.2
DAIRY PRODUCTS	202	4.1	146.8	132.7	144.5	166.9	143.2	145.3	142.0	142.7	145.3	141.8	148.8	153.3	3.0	8.7
CANNED AND FROZEN FOODS	203	3.2	212.3	194.5	203.4	232.9	218.6	199.9	212.6	196.3	188.0	203.2	208.4	212.8	2.1	11.9
GRAIN MILL PRODUCTS	204	4.8	152.7	142.5	146.5	162.3	159.5	155.2	158.6	158.5	156.1	155.2	154.1	148.2	-3.9	5.0
BAKERY PRODUCTS	205	1.8	152.1	135.7	146.1	171.6	154.9	150.9	151.8	150.8	148.3	150.6	153.8	154.6	.5	10.6
SUGAR	206	1.2	255.5	239.6	222.9	266.0	293.4	256.7	298.4	291.2	265.6	255.9	248.6	234.1	-5.8	8.1
CONFECTIONERY	207	1.0	151.2	150.2	146.3	148.8	159.5	148.4	165.0	156.8	146.1	151.6	147.7	151.4	2.5	3.8
BEVERAGES	208	2.4	207.9	183.2	205.4	237.3	205.6	198.8	203.0	199.3	200.2	200.0	196.3	208.1	6.0	7.3
MISC. FOOD PRODUCTS	209	4.1	128.2	118.7	123.3	139.7	130.9	121.3	129.3	124.0	118.7	120.5	124.8	123.6	-1.0	3.9
TOBACCO PRODUCTS	21	.9	122.9	106.2	116.5	137.2	131.9	121.0	128.4	126.3	112.8	123.6	126.7	123.4	-2.7	17.7
TEXTILE MILL PRODUCTS	22	20.8	114.9	95.4	116.4	126.1	121.8	111.0	119.0	114.5	102.8	112.0	118.3	115.3	-2.5	8.5
FABRICS	221-4	11.7	90.8	74.0	91.6	100.7	96.8	88.0	94.8	90.4	82.0	87.7	94.3	91.1	-3.3	10.4
KNIT GOODS	225	1.7	140.7	120.1	141.4	159.4	142.0	130.3	137.8	130.4	119.5	134.3	137.1	138.4	1.0	6.4
FABRIC FINISHING	226	1.5	148.3	132.2	149.1	154.9	156.9	145.7	152.1	153.5	138.8	147.0	151.4	148.2	-2.1	3.7
YARN AND THREAD	228	3.9	164.1	133.0	169.1	179.4	175.0	156.1	172.1	164.7	143.5	158.1	166.8	162.8	-2.4	5.8
MISC. TEXTILES	229	1.4	140.8	126.5	139.8	147.6	149.3	138.3	140.9	140.0	120.4	141.8	152.6	144.8	-5.2	10.2
APPAREL PRODUCTS	23	3.6	167.2	147.6	155.8	194.6	170.8	166.7	166.6	163.1	160.2	171.9	168.0	167.7	-1.2	14.9
MEN'S OUTERWEAR	231,21	1.0	152.8	130.9	144.2	184.6	151.7	145.6	148.3	140.6	136.1	150.8	149.9	151.2	.9	14.9
WOMEN'S OUTERWEAR	233	1.0	226.5	195.7	207.6	273.1	229.7	208.7	220.9	217.2	205.4	216.0	204.7	203.0	-1.8	5.8
LUMBER AND PRODUCTS	24	8.0	201.9	193.8	201.9	202.0	209.9	217.6	211.3	211.4	212.5	219.8	220.4	218.8	-1.7	7.7
LUMBER	242	3.9	195.5	192.8	196.7	192.9	199.8	206.7	200.6	204.2	204.6	207.7	207.9	206.8	-1.5	4.1
MILLWORK AND PLYWOOD	243	2.2	211.9	198.0	211.8	214.3	223.6	236.2	226.7	220.8	223.6	242.8	242.4	240.5	-1.8	11.7
FURNITURE AND FIXTURES	25	2.5	154.8	148.8	151.7	158.9	160.0	166.5	158.0	157.9	158.7	173.7	167.1	164.5	-1.5	8.4
HOME FURNITURE	251	1.7	190.4	181.9	192.9	191.1	195.7	202.0	194.4	194.0	194.1	209.1	203.0	196.6	-3.1	1.0
PAPER AND PRODUCTS	26	49.1	127.6	123.7	127.8	129.6	129.3	126.4	131.3	125.4	126.2	124.8	128.1	129.3	1.0	2.0
WOOD PULP	261	3.5	103.3	99.5	106.1	102.0	105.8	98.1	109.4	102.5	94.0	100.2	100.2	108.4	8.3	2.0
PAPER	262	24.5	135.5	130.2	135.5	138.5	137.6	133.3	140.9	132.4	133.9	130.6	135.5	135.0	-1.3	-2.2
PAPERBOARD	263	14.8	131.8	133.3	135.6	130.6	127.7	132.6	130.6	124.9	126.3	134.9	136.7	131.1	-4.2	-2.0
CONVERTED PAPER	264	2.5	153.3	141.6	153.0	161.6	157.0	152.0	155.8	153.3	153.5	151.0	151.7	152.3	.4	2.9
PAPERBOARD CONTAINERS	265	2.3	141.4	133.0	138.4	146.2	147.8	152.9	147.6	144.9	152.0	151.4	155.2	154.7	-1.3	13.0
BUILDING PAPER AND BOARD	266	1.4	191.3	167.0	191.2	200.1	206.9	212.9	203.4	210.0	202.0	213.5	223.2	227.3	1.9	22.5
PRINTING AND PUBLISHING	27	5.8	179.3	158.5	167.9	205.8	185.1	175.6	181.9	178.2	174.8	175.3	176.5	177.9	.8	10.8
NEWSPAPERS	271	1.7	150.4	134.2	144.7	170.3	152.4	142.2	149.0	151.6	145.5	139.0	142.1	146.5	3.1	6.3
COMMERCIAL PRINTING	275	2.4	196.8	173.1	183.9	228.3	202.1	190.5	199.5	191.5	189.6	191.3	190.6	188.4	-1.2	6.9

P--PRELIMINARY

Table 9A—continued
ELECTRIC POWER USE BY INDUSTRIES
 Seasonally adjusted indexes, 1967=100

SERIES	SIC (1967)	BIL. KWH. 1967	1983 AVG.	1983 Q 1	Q 2	Q 3	Q 4	1984 Q 1	1983 NOV	DEC	1984 JAN	FEB	MAR	APR	PERCENT CHG. FROM PREV. MO. (P)	YE. (P)
CHEMICALS AND PRODUCTS	28	116.8	122.9	117.6	120.5	125.7	127.4	129.0	127.8	127.7	126.5	131.4	129.0	130.9	1.5	10.5
BASIC CHEMICALS	281	96.4	107.9	102.6	106.7	111.6	110.8	110.3	112.7	110.0	108.2	112.5	110.1	114.1	3.6	9.8
ALKALIES AND CHLORINE	2812	12.3	142.5	135.6	141.6	147.4	145.7	156.8	150.7	134.9	150.6	159.3	160.6	164.2	2.2	17.6
BASIC ORGANIC CHEM. NEC	2818	24.8	142.2	143.5	144.5	138.8	142.4	147.0	144.7	142.1	140.4	151.9	148.8	149.5	.5	3.4
INORGANIC CHEM. NEC	2819	48.6	86.1	78.3	84.1	92.7	90.2	85.2	90.0	91.6	85.7	86.3	83.5	89.6	7.4	12.6
ACID AND FERT. MAT'L.S.		18.8	86.3	81.0	85.3	88.5	90.5	90.3	90.9	91.0	89.2	94.0	87.5	90.3	3.1	8.4
ERDA		29.8	85.9	76.1	83.7	96.6	90.2	81.5	90.9	91.8	82.7	81.5	80.2	88.5	10.3	15.3
SYNTHETIC MATERIALS	282	12.1	188.5	166.6	186.1	197.1	203.8	199.3	202.2	203.2	197.1	197.7	203.0	208.8	2.9	13.2
PLASTICS MATERIALS	2821	4.4	206.6	181.0	210.2	217.5	216.9	225.8	209.6	225.5	213.8	226.5	237.0	236.5	-.2	12.9
OTHER SYNTHETICS	2822-4	7.7	178.6	159.3	174.0	185.8	195.3	185.5	197.4	187.8	188.4	182.8	185.3	191.0	3.0	13.4
DRUGS	283	2.0	240.3	235.5	236.7	248.2	239.6	243.9	236.6	241.1	246.2	244.7	240.7	248.7	3.3	5.5
SOAP AND TOILETRIES	284	1.0	156.8	149.0	149.5	169.3	159.1	154.8	159.7	154.1	158.7	154.5	151.2	145.7	-3.6	1.9
FARM CHEMICALS	287	2.7	140.3	136.1	138.3	136.9	150.2	148.4	157.1	143.0	149.0	147.2	149.0	151.1	1.4	13.0
PETROLEUM PRODUCTS	29	22.3	187.6	186.2	188.3	190.9	185.1	190.5	184.7	183.9	187.0	195.3	189.1	187.0	-1.1	1.4
RUBBER AND PLASTICS PROD.	30	10.8	191.1	176.8	189.8	198.1	199.7	206.1	197.4	202.9	203.7	205.8	208.7	208.1	-.3	11.2
TIRES	301	3.2	106.1	98.3	107.2	109.7	109.0	108.3	110.3	109.8	106.4	107.8	110.5	109.5	-.9	4.4
RUBBER PRODUCTS NEC	306	2.3	123.4	117.2	122.8	127.5	126.1	134.1	124.9	129.6	133.9	132.4	135.9	134.8	-.8	11.1
PLASTICS PRODUCTS NEC	307	4.8	287.7	263.0	282.5	300.5	304.2	318.0	297.5	311.4	316.7	318.1	319.4	315.4	-1.2	13.8
LEATHER AND PRODUCTS	31	1.3	108.5	107.8	106.3	111.0	108.9	109.3	107.8	109.7	108.9	110.9	108.2	106.0	-2.1	-3.8
SHOES	314	.6	94.8	97.3	93.6	96.7	91.7	95.4	90.2	92.6	96.3	97.4	92.5	93.4	1.0	-7.0
CLAY, GLASS, STONE PRODUCTS	32	20.8	138.0	129.5	136.1	141.8	143.8	147.7	143.9	142.8	145.1	148.6	149.4	147.2	-1.4	8.9
FLAT GLASS	321	1.2	104.9	100.1	102.4	102.4	114.4	114.3	114.7	112.8	113.3	116.0	113.8	112.6	-1.1	10.3
PRESSED AND BLOWN GLASS	322	3.5	198.9	190.1	196.2	206.7	202.2	206.8	204.9	203.6	203.2	208.0	209.2	207.3	-.9	6.5
CEMENT	324	8.4	100.0	89.4	97.1	105.0	107.0	105.1	109.7	103.7	103.6	107.1	104.7	104.4	-.3	10.2
STRUCTURAL CLAY PRODUCTS	325	1.3	94.3	81.2	93.2	99.4	103.6	100.5	102.7	105.2	102.4	98.0	101.0	103.4	2.4	16.1
CONCRETE PRODUCTS	327	2.3	183.5	170.8	178.4	190.3	194.1	207.2	189.2	200.0	208.0	203.2	210.4	204.1	-3.0	14.9
PRIMARY METALS	33	132.0	91.5	82.9	88.1	94.9	100.1	105.7	100.4	103.0	102.4	107.0	107.7	107.9	.1	25.9
BASIC STEEL & MILL PROD.	331	54.4	78.3	70.6	77.3	80.1	85.5	91.7	88.1	85.8	87.7	93.3	94.3	94.6	.4	23.4
IRON & STEEL FOUNDRIES	332	5.9	150.5	137.5	147.7	161.7	155.4	163.2	155.5	155.7	156.8	162.3	170.5	170.9	.2	16.3
PRIMARY NONFERROUS METALS	333	59.5	86.0	77.0	80.1	90.5	96.8	101.5	96.1	101.6	100.3	101.3	102.8	104.3	1.4	37.7
ALUMINUM	3334	53.6	78.3	68.3	71.8	83.6	89.4	96.1	89.2	93.5	93.5	95.5	99.2	98.4	-.7	42.5
NONFERROUS MILL PRODUCTS	335	8.4	115.4	106.3	110.9	121.7	123.3	124.3	120.9	130.9	120.9	127.1	124.9	121.0	-3.1	9.3
NONFERROUS FOUNDRIES	336	1.4	150.6	130.3	146.7	159.1	167.4	163.4	163.3	176.7	152.9	165.1	172.4	172.3	-.1	21.0
FABRICATED METAL PRODUCTS	34	14.8	155.3	146.8	151.5	161.9	161.1	167.2	162.0	162.4	165.6	165.1	170.9	169.9	-.6	12.8
METAL CANS	341	1.0	201.0	192.5	200.6	203.3	207.6	205.8	213.1	204.1	196.8	202.7	217.7	209.6	-3.8	6.1
HARDWARE	342	1.6	142.5	132.2	137.5	153.0	147.6	150.3	146.8	147.0	147.4	152.1	151.5	150.8	-.5	10.2
STRUCTURAL METAL PROD.	344	3.5	134.4	131.4	129.7	138.6	138.2	144.8	139.8	143.8	144.5	144.8	145.1	146.6	1.0	12.1
FASTENERS	345	1.2	137.2	129.6	130.5	143.5	145.5	148.3	145.2	147.3	151.5	144.3	149.2	147.6	-1.1	11.6
METAL STAMPINGS	346	3.1	148.9	137.1	142.4	157.9	158.7	169.2	156.9	168.0	170.8	164.4	172.2	169.8	-1.4	20.9
Nonelectrical Machinery	35	17.3	147.3	137.1	143.7	153.2	155.3	163.1	155.0	157.1	164.6	161.9	162.9	163.8	.6	17.0
ENGINES AND TURBINES	351	1.4	124.3	118.2	123.3	129.1	126.6	131.5	130.0	130.0	131.2	132.4	130.7	141.6	8.3	18.7
FARM EQUIPMENT	352	1.2	70.0	73.3	67.5	71.6	68.2	73.5	66.6	71.7	76.6	72.2	71.7	72.1	.6	3.6
CONSTRUCTION EQUIPMENT	353	3.0	117.0	110.7	113.0	121.4	121.0	130.7	119.7	123.9	132.8	128.9	130.6	130.1	-.4	23.0
METALWORKING MACHINERY	354	2.8	112.0	106.3	107.8	119.8	114.3	123.6	116.2	112.7	122.9	121.8	126.1	125.5	-.4	17.4
SPECIAL INDUSTRY MACH.	355	1.5	138.7	129.7	136.2	145.1	143.8	151.5	145.2	143.5	151.5	148.6	154.4	152.4	-1.2	11.4
GENERAL INDUSTRIAL MACH.	356	2.7	139.0	129.0	133.8	145.3	147.7	157.4	144.1	154.5	159.3	154.3	158.5	155.6	-1.9	18.6
OFFICE AND COMPUTING MACH.	357	1.4	317.0	301.8	314.7	311.7	340.0	360.7	334.3	357.4	370.4	355.3	356.4	346.0	-2.9	10.3
SERVICE INDUSTRY MACH.	358	1.2	134.1	126.2	129.4	138.4	142.1	152.0	141.4	145.7	148.0	153.6	154.3	152.8	-1.0	17.1
ELECTRICAL MACHINERY	36	19.2	140.5	132.3	136.1	145.2	147.8	152.7	147.2	150.8	150.3	153.5	154.5	153.8	-.4	14.5
ELECT. DISTRIBUTION EQ.	361	1.8	107.4	106.9	105.1	109.2	108.5	113.5	110.2	110.3	112.3	115.9	112.4	108.2	-3.7	5.2
ELECT. INDUST. APPARATUS	362	3.5	97.5	90.8	95.9	101.5	101.8	103.3	106.0	100.7	99.2	105.4	105.1	103.2	-1.9	9.6
HOME APPLIANCES	363	2.2	94.5	93.1	94.6	94.0	96.1	102.4	96.2	94.7	100.1	104.4	102.8	103.4	.6	9.6
LIGHTING & WIRING PROD.	364	1.5	145.6	134.5	136.8	155.6	155.5	156.4	159.0	150.7	155.2	158.6	155.3	150.5	-3.1	9.7
RADIO AND TV SETS	365	.8	123.0	118.7	119.9	126.6	126.4	141.0	121.5	132.7	142.2	141.1	139.7	143.6	2.8	19.6
COMMUNICATION EQUIP.	366	3.9	186.7	177.9	180.1	196.3	191.8	203.9	188.7	199.4	203.9	202.5	205.2	204.4	-.4	14.0
ELECTRONIC COMPONENTS	367	4.2	198.7	189.9	191.2	200.9	212.6	223.6	207.0	224.2	216.3	224.5	230.1	230.5	.2	19.5
TRANSPORTATION EQUIPMENT	37	23.6	121.6	111.8	118.6	129.1	126.5	133.4	125.7	128.8	133.9	131.1	135.1	128.9	-4.6	11.6
MOTOR VEHICLES AND PARTS	371	12.8	124.4	112.1	119.5	134.5	131.2	139.5	130.7	133.4	139.0	137.5	141.9	130.3	-8.1	12.4
AIRCRAFT AND PARTS	372	8.4	100.4	97.8	98.2	101.7	103.8	107.3	104.4	106.7	107.7	107.3	106.9	103.2	-3.5	8.2
SHIPS AND BOATS	373	1.3	164.7	168.2	159.4	168.3	162.8	171.9	161.7	170.5	173.2	167.9	174.6	173.2	-.8	3.8
INSTRUMENTS	38	3.1	182.6	181.5	175.7	187.0	185.6	196.3	182.8	190.9	195.6	198.7	194.4	193.9	-.3	10.0
PHOTOGRAPHIC EQUIPMENT	386	1.4	173.6	182.0	168.9	173.5	170.8	181.2	169.7	174.6	180.4	183.2	179.8	177.3	-1.4	3.4
MISC. MANUFACTURES	39	2.5	145.0	140.4	144.7	149.7	144.9	146.9	141.1	146.7	147.9	146.2	146.5	144.8	-1.2	.2
SUPPLEMENTARY GROUPINGS																
TOTAL, EXCLUDING ERDA		530.6	129.3	121.7	126.7	133.8	135.0	139.5	135.2	136.2	136.7	140.7	141.2	140.9	-.2	12.8
ELECTRIC UTILITIES		462.6	140.6	131.1	136.8	146.8	147.6	152.3	147.5	149.7	149.6	152.7	154.6	154.0	-.4	14.9
SALES TO INDUSTRY		457.1	140.6	131.1	136.6	146.9	147.7	152.6	147.9	149.7	149.8	153.0	154.9	154.1	-.5	15.2
OWN USE		5.5	140.9													
INDUSTRIAL GENERATION		102.9	72.2	72.3	72.9	72.2	71.4	69.9	72.1	71.1	68.9	71.8	68.9	70.0	1.7	-3.9
SALES TO ELECTRIC UTILITIES		5.1	103.6													
OWN USE		97.8	70.5	71.8	71.0	70.6	68.8	69.3	69.4	68.1	68.2	71.4	68.1	68.4	.5	-4.1

P--PRELIMINARY

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

Table 9B—continued

ELECTRIC POWER USE BY INDUSTRIES

Not seasonally adjusted, 1967=100

SERIES	SIC (1967)	BILL. KWH. 1967	1983 AVG.	1983				1984 Q 1	1983 NOV	DEC	1984				APR	PERCENT CHG.	
				Q 1	Q 2	Q 3	Q 4				JAN	FEB	MAR	FROM PREV. MO.		YR. (P)	
																	(P)
CHEMICALS AND PRODUCTS	28	116.8	122.9	115.0	121.5	125.1	130.0	126.1	130.1	127.7	125.5	123.6	129.1	132.8	2.9	10.5	
BASIC CHEMICALS	281	96.4	107.9	102.7	106.2	107.8	114.7	110.4	115.2	113.5	110.5	108.0	112.7	116.0	3.0	9.8	
ALKALIES AND CHLORINE	2812	12.3	142.5	131.8	141.2	148.3	148.9	152.5	154.6	139.5	147.4	149.4	160.6	165.5	3.1	17.6	
BASIC ORGANIC CHEM.NEC	2818	24.8	142.2	138.2	142.6	142.5	145.5	141.6	147.3	143.5	138.9	141.9	144.2	147.2	2.1	3.4	
INORGANIC CHEM. NEC	2819	48.6	86.1	80.7	83.1	85.0	95.5	87.8	93.8	96.3	90.6	84.0	88.7	93.0	4.8	12.6	
ACID AND FERT. MAT'L S.		18.8	86.3	80.5	86.3	87.3	91.1	89.6	90.8	91.8	90.5	88.1	90.3	91.6	1.4	8.4	
ERDA		29.8	85.9	80.9	81.1	83.5	98.3	86.6	95.8	99.1	90.7	81.5	87.7	93.9	7.1	15.3	
SYNTHETIC MATERIALS	282	12.1	188.5	162.2	189.4	203.6	198.6	194.0	196.3	192.6	192.6	191.0	198.5	208.2	4.9	13.2	
PLASTICS MATERIALS	2821	4.4	206.6	175.4	211.9	223.3	216.0	218.7	206.3	222.1	211.7	215.7	228.7	237.9	4.0	12.9	
OTHER SYNTHETICS	2822-4	7.7	178.6	155.1	177.1	193.0	189.2	180.7	190.9	176.6	182.2	177.5	182.2	192.1	5.4	13.4	
DRUGS	283	2.0	240.3	215.9	237.9	270.1	237.2	223.5	235.4	219.9	221.1	225.8	223.6	238.0	6.5	5.5	
SOAP AND TOILETRIES	284	1.0	156.8	144.6	150.6	172.1	159.9	150.2	161.6	149.0	148.4	150.0	152.2	145.3	-4.5	1.9	
FARM CHEMICALS	287	2.7	140.3	134.9	143.8	133.5	149.0	147.2	154.4	142.4	144.2	142.6	154.8	160.1	3.4	13.0	
PETROLEUM PRODUCTS	29	22.3	187.6	181.9	186.1	196.4	186.1	186.1	185.3	184.3	187.0	189.6	181.6	181.8	.1	1.4	
RUBBER AND ELASTICS PROD.	30	10.8	191.1	175.1	190.3	197.2	201.9	204.0	201.4	197.0	191.9	208.5	211.6	207.3	-2.0	11.2	
TIRES	301	3.2	106.1	97.9	107.9	109.5	109.1	107.8	108.2	105.4	102.3	108.2	112.9	109.1	-3.4	4.4	
RUBBER PRODUCTS NEC	306	2.3	123.4	116.2	122.2	126.3	129.0	132.9	129.8	127.8	126.9	135.4	136.3	133.8	-1.9	11.1	
PLASTICS PRODUCTS NEC	307	4.8	287.7	259.2	285.6	297.6	308.2	313.2	308.2	300.8	292.6	321.9	325.1	318.0	-2.2	13.8	
LEATHER AND PRODUCTS	31	1.3	108.5	106.6	107.0	112.2	108.4	108.0	107.7	106.1	104.3	111.5	108.2	105.4	-2.6	-3.8	
SHOES	314	.6	94.8	94.8	93.6	99.4	91.3	92.9	90.5	89.5	90.9	96.1	91.7	91.3	-5	-7.0	
CLAY, GLASS, STONE PRODUCTS	32	20.8	138.0	122.5	137.1	145.3	147.0	139.7	148.5	141.9	137.0	138.8	143.4	145.9	1.7	8.9	
FLAT GLASS	321	1.2	104.9	97.7	102.5	104.5	114.8	111.7	114.4	107.9	113.3	110.8	110.9	111.8	.8	10.3	
PRESSED AND BLOWN GLASS	322	3.5	198.9	184.7	198.1	209.5	203.1	200.9	206.9	195.2	191.4	201.8	209.4	207.3	-1.0	6.5	
CEMENT	324	8.4	100.0	79.2	100.5	110.7	109.8	93.0	112.6	102.7	93.6	89.2	96.1	104.5	8.7	10.2	
STRUCTURAL CLAY PRODUCTS	325	1.3	94.3	80.9	93.6	97.9	105.0	100.1	106.0	105.6	102.9	97.7	99.7	105.2	5.5	16.1	
CONCRETE PRODUCTS	327	2.3	183.5	163.0	180.4	193.3	197.5	197.8	197.2	195.2	198.1	193.4	202.0	204.5	1.3	14.9	
PRIMARY METALS	33	132.0	91.5	83.6	89.5	93.0	99.9	106.6	99.8	102.4	103.7	104.5	111.6	109.8	-1.6	25.9	
BASIC STEEL & MILL PROD.	331	54.4	78.3	72.2	79.5	77.1	84.3	93.8	86.2	84.7	90.1	92.3	99.0	97.9	-1.1	23.4	
IRON & STEEL FOUNDRIES	332	5.9	150.5	138.5	153.0	152.4	158.0	164.4	159.2	152.1	148.8	169.8	174.6	177.2	1.5	16.3	
PRIMARY NONFERROUS METALS	333	59.5	86.0	76.7	80.9	89.8	96.7	101.2	95.0	101.6	101.4	96.6	105.6	104.6	-1.0	37.7	
ALUMINUM	3334	53.6	78.3	67.4	72.2	84.1	89.3	94.8	87.9	93.7	94.8	90.2	99.5	97.8	-1.7	42.5	
NONFERROUS MILL PRODUCTS	335	8.4	115.4	107.7	113.8	118.4	121.6	125.8	120.4	124.5	120.7	125.8	131.0	122.9	-6.1	9.3	
NONFERROUS FOUNDRIES	336	1.4	150.6	133.5	147.9	153.7	167.4	167.5	166.4	168.8	153.0	171.5	177.9	176.4	-8	21.0	
FABRICATED METAL PRODUCTS	34	14.8	155.3	147.2	151.9	161.1	161.0	167.6	162.9	158.0	159.6	169.6	173.5	169.9	-2.1	12.8	
METAL CANS	341	1.0	201.0	188.0	200.6	215.3	200.2	200.9	203.7	188.2	189.8	200.1	213.0	205.4	-3.6	6.1	
HARDWARE	342	1.6	142.5	133.1	137.9	148.9	150.2	151.2	150.0	144.5	143.9	154.9	155.0	151.1	-2.5	10.2	
STRUCTURAL METAL PROD.	344	3.5	134.4	132.1	129.9	135.9	139.8	145.6	142.8	141.8	140.8	148.3	147.7	146.4	-9	12.1	
FASTENERS	345	1.2	137.2	131.5	132.1	140.2	145.2	150.3	146.3	142.3	144.8	152.3	153.8	149.9	-2.5	11.6	
METAL STAMPINGS	346	3.1	148.9	136.8	144.3	155.6	158.9	168.5	159.9	158.9	160.2	168.2	177.2	172.2	-2.8	20.9	
NONELECTRICAL MACHINERY	35	17.3	147.3	134.8	144.3	156.5	154.4	160.4	155.4	150.5	156.7	162.2	162.2	161.4	-5	17.0	
ENGINES AND TURBINES	351	1.4	124.3	116.4	124.7	129.0	127.0	129.5	133.9	121.5	124.9	131.3	132.2	140.6	6.4	18.7	
FARM EQUIPMENT	352	1.2	70.0	72.4	70.0	69.5	68.1	72.5	66.8	68.0	70.9	73.6	73.0	73.6	.9	3.6	
CONSTRUCTION EQUIPMENT	353	3.0	117.0	109.9	112.9	123.6	121.7	129.8	123.5	120.2	125.7	132.9	130.7	131.3	.4	23.0	
METALWORKING MACHINERY	354	2.8	112.0	107.2	107.6	119.0	114.2	124.7	116.5	108.3	120.1	125.2	128.7	125.5	-2.5	17.4	
SPECIAL INDUSTRY MACH.	355	1.5	138.7	127.9	136.8	146.5	143.7	149.4	147.3	137.7	145.6	150.0	152.7	150.6	-1.3	11.4	
GENERAL INDUSTRIAL MACH.	356	2.7	139.0	127.0	134.2	146.9	147.8	154.7	147.0	147.4	151.1	155.4	157.7	154.3	-2.1	18.6	
OFFICE AND COMPUTING MACH.	357	1.4	317.0	282.5	310.8	336.1	338.6	337.6	337.3	332.4	342.3	337.2	333.2	329.4	-1.2	10.3	
SERVICE INDUSTRY MACH.	358	1.2	134.1	120.6	131.5	145.6	138.6	145.2	139.2	133.0	135.9	150.3	149.5	148.8	-5	17.1	
ELECTRICAL MACHINERY	36	19.2	140.5	128.5	136.5	149.3	147.6	148.3	147.7	143.5	143.4	149.9	151.7	150.3	-9	14.5	
ELECT. DISTRIBUTION EQ.	361	1.8	107.4	103.6	106.2	112.3	107.4	110.1	109.2	101.8	106.9	112.7	110.5	109.1	-1.3	5.2	
ELECT. INDUST. APPARATUS	362	3.5	97.5	89.6	97.2	102.0	101.2	101.8	102.8	97.7	97.2	103.3	105.0	103.0	-2.0	9.6	
HOME APPLIANCES	363	2.2	94.5	92.0	95.6	95.4	95.0	101.1	96.3	87.3	96.1	103.8	103.5	101.2	-2.2	9.6	
LIGHTING & WIRING PROD.	364	1.5	145.6	133.3	140.4	152.1	156.5	155.0	162.7	143.4	145.3	160.1	159.5	152.1	-4.6	9.7	
RADIO AND TV SETS	365	.8	123.0	109.9	119.0	137.9	125.1	130.5	121.8	122.9	131.7	130.4	129.5	135.5	4.6	19.6	
COMMUNICATION EQUIP.	366	3.9	186.7	166.5	179.3	206.7	194.3	190.8	193.1	187.1	187.2	190.0	195.2	194.6	-3	14.0	
ELECTRONIC COMPONENTS	367	4.2	198.7	179.0	191.4	213.6	210.7	210.8	206.6	209.4	202.2	212.3	217.9	219.9	.9	19.5	
TRANSPORTATION EQUIPMENT	37	23.6	121.6	109.5	119.1	130.0	128.0	130.5	129.5	123.9	125.4	131.8	134.4	127.6	-5.1	11.6	
MOTOR VEHICLES AND PARTS	371	12.8	124.4	109.5	121.8	133.1	133.4	136.1	134.9	128.4	129.8	137.8	140.6	130.7	-7.0	12.4	
AIRCRAFT AND PARTS	372	8.4	100.4	93.6	98.1	106.7	103.1	102.7	105.9	99.5	100.3	103.5	104.4	101.5	-2.8	8.2	
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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 1983.

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:

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

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 0.3 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 0.3 per cent. (Calculated on the basis of data for the January 1972 to December 1982 period.)

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