



FEDERAL RESERVE

INDUSTRIAL PRODUCTION

G.12.3

For release at 9:30 a.m. (EST)
March 16, 1979

Industrial production rose by an estimated 0.3 per cent in February; revised figures showed no growth in the index for January. At 151.2 per cent of the 1967 level, the index was 8.6 per cent above a year earlier during February.

Increases in production in February were widespread and generally moderate; the largest gains were in equipment and nondurable goods materials. But sharp declines were again recorded in automotive products and coal and, to a lesser extent, in refined petroleum. Production of some items was again affected by adverse weather. The index now indicates a 0.6 per cent gain in total output in November and a 0.8 per cent gain in December.

Products. Output of consumer goods was unchanged in February; there were moderate gains in home goods and some nondurable consumer goods, but further declines in auto and utility vehicle assemblies and a drop in the production of consumer fuel such as gasoline. Auto assemblies were at an 8.8 million unit rate in February--almost unchanged from the 8.9 million rate in January. Output of business equipment rose 0.5 per cent further in February with the largest increases in equipment used in manufacturing, power generation and commercial enterprises. As in January, the growth in output of construction supplies was small following the extremely sharp increase in December.

Materials. Production of materials advanced 0.3 per cent in February, reflecting increases in the output of equipment parts and chemical and paper materials. Energy materials production declined for the second successive month due mainly to reduced coal output.

INDUSTRIAL PRODUCTION: SUMMARY (Seasonally Adjusted)

Indexes, 1967=100	1979		Per cent changes						
	Jan. (p)	Feb. (e)	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Feb. 78
			From preceding month						
Total	150.8	151.2	.5	.6	.6	.8	.0	.3	8.6
Products, total	149.1	149.6	.2	.3	.5	.8	.1	.3	7.2
Final Products	145.6	146.0	.3	.3	.3	.7	.1	.3	7.0
Consumer Goods	150.5	150.5	.4	.1	.3	.7	-.1	.0	4.7
Durable	160.7	160.4	-.7	.8	.1	.1	-.7	-.2	6.1
Nondurable	146.3	146.6	.9	-.1	.3	1.0	.1	.2	4.1
Business Equipment	168.9	169.7	.2	.7	.2	.8	.2	.5	10.1
Intermediate Products	162.6	162.9	.4	.6	.8	1.4	.6	.2	7.6
Construction Supplies	161.9	162.1	.6	.9	1.3	1.6	.2	.1	9.1
Materials	153.4	153.8	.7	1.1	.9	.6	-.1	.3	11.0

p--preliminary e--estimate



FEDERAL RESERVE

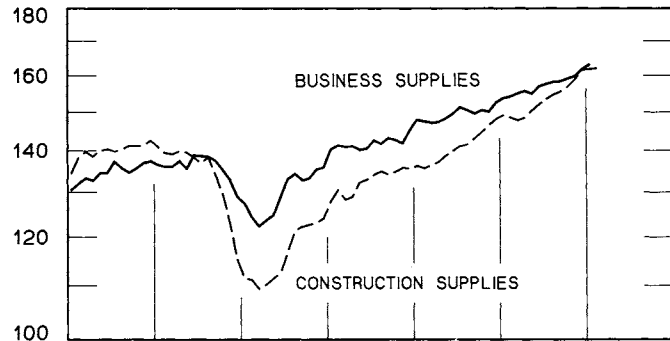
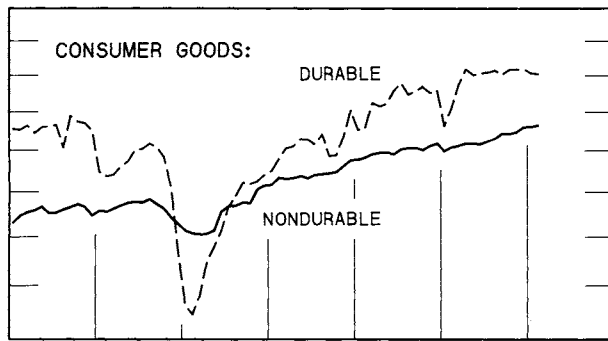
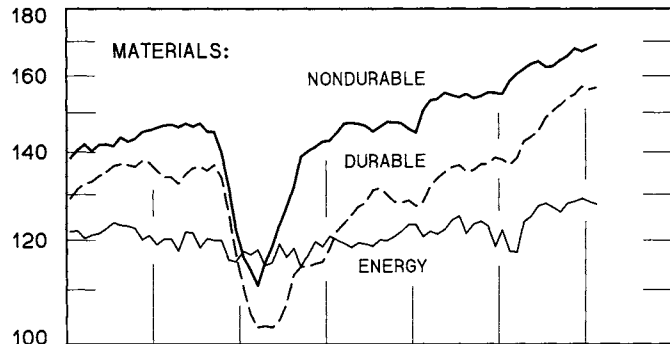
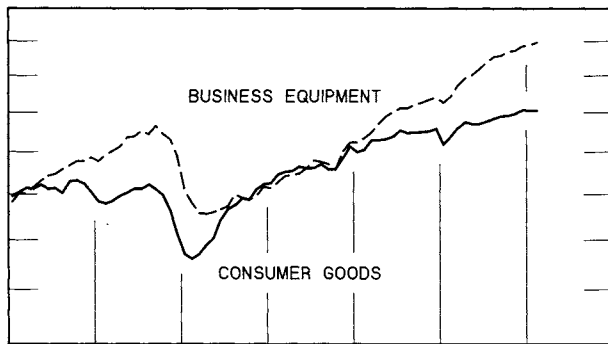
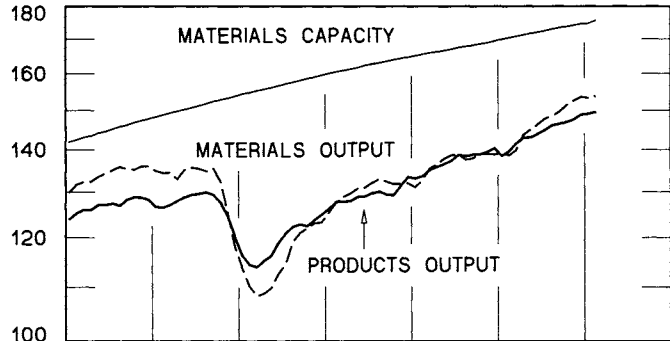
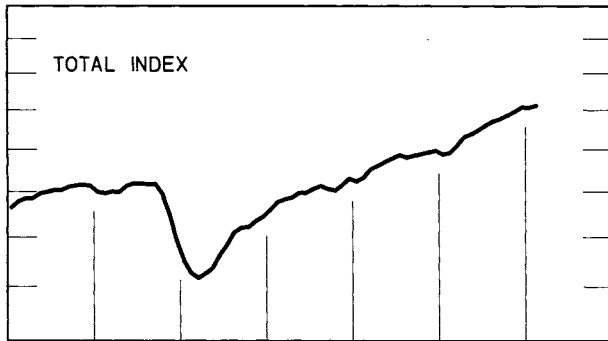
statistical release

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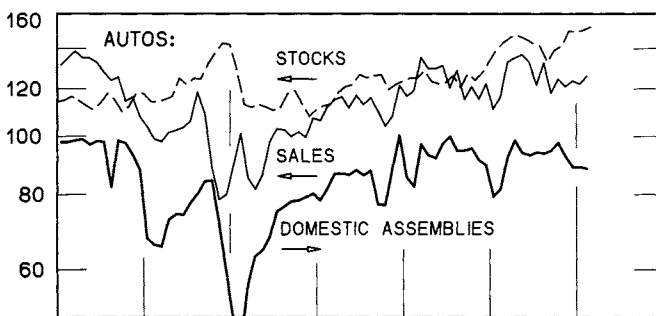
INDUSTRIAL PRODUCTION

FEBRUARY DATA

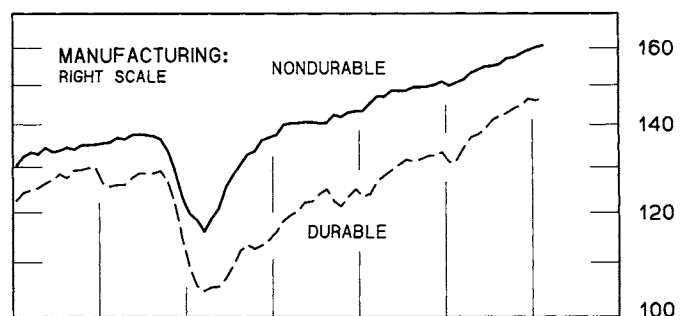
SEASONALLY ADJUSTED, RATIO SCALE, 1967=100



1969-7 ANNUAL RATE, MILLIONS OF UNITS



1967=100



1973 1975 1977 1979

1973 1975 1977 1979

AUTOS: SALES AND STOCKS INCLUDE IMPORTS

Table 1.
INDUSTRIAL PRODUCTION BY MARKET GROUPINGS

Seasonally Adjusted, 1967=100

MAJOR MARKET GROUPINGS	1967	1978	1978												1979	
	PRO- DUR- TION	AVG. 1	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	
TOTAL INDEX	100.00	145.2	139.2	140.9	143.2	143.9	144.9	146.1	147.1	147.8	148.7	149.6	150.8	150.8	151.2	
PRODUCTS, TOTAL	60.71	144.3	139.6	141.6	143.0	143.1	144.0	145.0	146.2	146.5	147.0	147.7	148.9	149.1	149.6	
FINAL PRODUCTS	47.82	141.4	136.4	138.9	140.5	140.5	141.1	142.2	143.3	143.7	144.1	144.5	145.5	145.6	146.0	
CONSUMER GOODS	27.68	147.4	143.8	145.9	147.5	147.0	147.0	147.7	148.4	149.0	149.2	149.7	150.7	150.5	150.5	
EQUIPMENT	20.14	133.1	126.2	129.1	130.8	131.6	133.0	134.7	136.3	136.4	137.0	137.3	138.5	138.9	139.8	
INTERMEDIATE PRODUCTS	12.89	155.3	151.4	151.4	152.1	152.6	154.7	155.6	156.4	157.0	158.0	159.3	161.6	162.6	162.9	
MATERIALS	39.29	146.5	138.6	139.9	143.7	145.1	146.4	147.9	148.6	149.7	151.4	152.7	153.6	153.4	153.8	
CONSUMER GOODS																
DURABLE CONSUMER GOODS	7.89	158.9	151.2	157.5	161.8	160.2	160.6	160.9	161.5	160.3	161.6	161.8	161.9	160.7	160.4	
AUTOMOTIVE PRODUCTS	2.83	178.6	162.8	175.8	184.3	180.0	179.9	182.2	182.1	178.3	185.6	189.0	185.1	181.2	179.4	
AUTOS & UTILITY VEHICLES	2.03	172.5	153.9	171.0	182.7	175.6	174.3	176.7	175.6	170.0	180.5	185.0	179.3	173.8	171.0	
AUTOS, TOTAL	1.90	148.5	131.5	149.7	159.1	151.6	149.8	152.7	151.1	144.4	154.2	159.7	151.8	145.9	144.5	
AUTO PARTS & ALLIED GOODS	.80	194.0	185.3	188.5	188.2	191.5	193.9	196.1	198.0	199.8	199.1	199.0	200.1	200.0	200.6	
HOME GOODS	5.06	147.8	144.6	147.2	149.2	148.9	149.7	148.9	150.0	150.2	148.2	146.5	148.9	149.0	149.8	
APPLIANCES, AIR COND & TV	1.40	132.5	133.3	135.4	142.2	138.3	139.0	133.7	133.9	134.4	128.7	123.4	129.1	126.4	128.0	
APPLIANCES AND TV	1.33	134.5	135.7	137.9	144.7	140.7	141.0	136.8	135.6	136.9	129.9	124.4	129.8	127.3		
CARPETING AND FURNITURE	1.07	164.3	160.2	159.3	158.9	163.4	166.0	168.5	167.9	169.0	168.0	164.9	166.8	168.1		
MISC. HOME GOODS	2.59	149.3	144.3	148.7	149.0	148.8	148.8	149.1	151.3	150.8	150.6	151.3	152.0	153.6	153.9	
NONDURABLE CONSUMER GOODS	19.79	142.8	140.8	141.3	141.8	141.7	141.6	142.4	143.1	144.4	144.3	144.8	146.2	146.3	146.6	
CLOTHING	4.29		121.1	122.4	124.9	125.4	124.8	125.1	126.6	128.9	128.3					
CONSUMER STAPLES	15.50	147.6	146.3	146.4	146.6	146.2	146.3	147.3	147.8	148.8	148.8	149.2	150.8	150.9	151.4	
CONSUMER FOODS & TOBACCO	8.33	140.1	138.3	138.7	140.8	139.9	139.0	140.2	140.8	141.2	140.4	141.0	143.1	142.3		
NONFOOD STAPLES	7.17	156.2	155.8	155.3	153.3	153.4	154.8	155.5	155.9	157.4	158.5	158.8	159.9	160.7	161.3	
CONSUMER CHEMICAL PROD	2.63	187.1	184.3	182.1	182.5	182.0	185.5	186.7	188.0	190.1	191.9	190.7	193.2	195.1		
CONSUMER PAPER PRODUCTS	1.92	118.1	118.8	118.9	117.7	117.9	118.0	117.5	117.3	118.2	116.7	117.6	117.2	119.6		
CONSUMER ENERGY PROD	2.62	153.2	154.5	155.0	149.9	150.7	150.8	151.9	152.0	153.3	155.4	156.7	157.6	156.3		
RESIDENTIAL UTILITIES	1.45		167.6	166.9	159.0	157.2	159.0	159.9	160.1	160.9	162.8	162.1				
EQUIPMENT																
BUSINESS EQUIPMENT	12.63	162.0	154.2	157.4	159.3	160.2	161.8	163.8	165.4	165.8	166.9	167.2	168.6	168.9	169.7	
INDUSTRIAL EQUIPMENT	6.77	149.9	144.6	146.9	147.8	149.7	150.9	151.9	152.8	152.7	152.9	151.8	152.2	153.3	154.5	
BUILDING AND MINING EQUIP	1.44	223.4	214.9	221.7	225.1	226.0	227.3	228.9	228.1	226.3	226.5	223.8	222.3	221.3	220.5	
MANUFACTURING EQUIPMENT	3.85	121.9	117.7	118.3	119.0	121.3	122.8	122.6	123.9	124.4	125.0	124.2	124.7	126.1	127.5	
POWER EQUIPMENT	1.47	151.0	145.8	148.8	147.3	149.2	149.2	152.8	154.6	154.8	154.0	153.4	155.6	157.9	160.0	
COM'L, TRANSIT, FARM EQ	5.86	175.9	165.5	169.4	172.6	172.3	174.4	177.5	179.9	180.8	182.9	184.9	187.6	186.7	187.2	
COMMERCIAL EQUIPMENT	3.26	208.5	200.9	202.0	203.8	204.2	206.9	210.6	212.2	214.1	215.1	214.9	216.6	217.1	218.8	
TRANSIT EQUIPMENT	1.93	133.6	115.9	126.1	133.7	132.2	132.3	134.9	138.5	138.6	142.6	147.5	151.2	148.4	146.9	
FARM EQUIPMENT	.67	138.9	134.8	137.0	132.9	131.9	137.3	138.5	141.3	142.0	143.2	145.8	151.0	148.7		
DEFENSE AND SPACE EQUIPMENT	7.51	84.5	79.2	81.9	82.9	83.6	84.6	85.9	87.1	87.1	86.7	87.2	87.9	88.6	89.5	
INTERMEDIATE PRODUCTS																
CONSTRUCTION SUPPLIES	6.42	153.3	148.6	147.9	148.5	150.4	152.1	153.5	154.7	155.6	157.0	159.0	161.6	161.9	162.1	
BUSINESS SUPPLIES	6.47	157.2	154.2	155.0	155.6	155.0	157.0	157.6	158.2	158.4	159.2	159.9	161.8	163.2		
COMMERCIAL ENERGY PRODUCTS	1.14	166.3	165.6	164.3	163.5	162.7	163.0	164.1	167.4	169.9	168.8	168.8	168.0	169.1		
MATERIALS																
DURABLE GOODS MATERIALS	20.35	146.9	137.0	138.6	142.7	143.9	145.4	148.7	150.4	152.1	154.0	154.9	157.0	156.2	156.8	
DURABLE CONSUMER PARTS	4.58	140.3	131.1	133.1	136.8	137.9	138.7	142.0	142.2	144.8	147.3	147.4	148.4	147.2	146.9	
EQUIPMENT PARTS	5.44	159.1	146.6	151.3	154.8	155.8	157.4	161.7	162.9	164.6	166.0	167.6	170.5	170.8	172.0	
DURABLE MATERIALS NEC	10.34	143.4	134.6	134.5	138.9	140.3	141.8	144.7	147.6	148.7	150.5	151.6	153.7	152.8	153.2	
BASIC METAL MATERIALS	5.57	120.4	111.0	110.4	116.7	117.5	118.2	121.7	125.4	126.7	128.2	129.1	131.2	127.1		
NONDURABLE GOODS MATERIALS	10.47	162.9	158.5	160.5	162.0	163.5	164.1	162.5	162.7	164.4	165.7	167.8	167.0	167.9	169.0	
TEXTILE, PAPER, & CHEM MAT	7.62	167.9	162.8	165.7	166.4	167.9	168.8	168.3	167.0	170.0	171.0	173.3	172.1	173.4	174.3	
TEXTILE MATERIALS	1.85	117.2	115.8	115.1	116.5	116.7	118.0	117.1	116.0	118.7	118.7	120.4	119.0	118.9		
PAPER MATERIALS	1.62	136.9	136.8	137.8	139.2	140.1	139.9	135.1	131.5	137.7	137.3	137.6	135.7	133.7		
CHEMICAL MATERIALS	4.15	202.6	194.2	199.2	199.5	201.7	202.9	204.0	203.7	205.5	207.6	210.7	210.3	213.2		
CONTAINERS, NONDURABLE	1.70	160.5	158.7	158.1	160.5	161.9	162.8	155.4	161.8	161.1	163.4	165.6	165.5	166.0		
NONDURABLE MATERIALS NEC	1.14	133.1	128.9	129.3	134.6	135.8	135.0	135.7	134.8	131.8	134.5	135.5	135.3	134.6		
ENERGY MATERIALS	8.48	125.2	117.7	117.5	123.9	125.2	127.5	127.9	127.0	126.0	128.0	128.4	129.0	128.3	127.8	
PRIMARY ENERGY	4.65	112.7	101.0	104.5	115.5	114.4	116.1	116.7	115.4	111.8	115.9	117.4	117.0	114.6		
CONVERTED FUEL MATERIALS	3.82	140.4	138.0	133.3	134.1	138.6	141.4	141.6	141.3	143.4	142.7	141.8	143.6	144.9		
SUPPLEMENTARY GROUPS																
HOME GOODS AND CLOTHING	9.35	137.6	133.8	135.9	138.0	138.2	138.3	138.0	139.2	140.3	139.1	138.5	140.3	140.3	140.4	
ENERGY, TOTAL	12.23	135.0	130.0	129.8	133.1	134.2	135.9	136.4	136.1	135.9	137.6	138.2	138.7	138.1	137.5	
PRODUCTS	3.76	157.2	157.9	157.9	154.1	154.3	154.6	155.6	156.7	158.3	159.3	160.4	160.7	160.1		
MATERIALS	8.48	125.2	117.7	117.5	123.9	125.2	127.5	127.9	127.0	126.0	128.0	128.4	129.0	128.3	127.8	

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



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p--preliminary e--estimate



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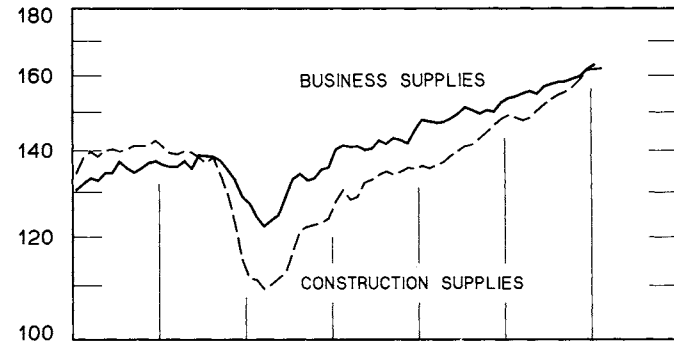
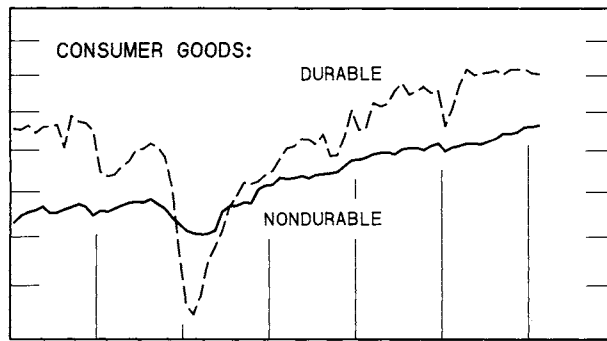
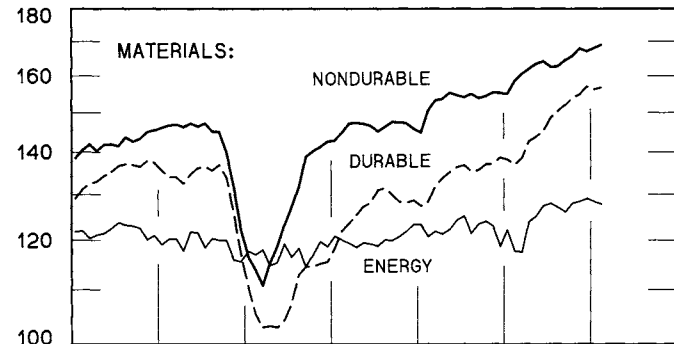
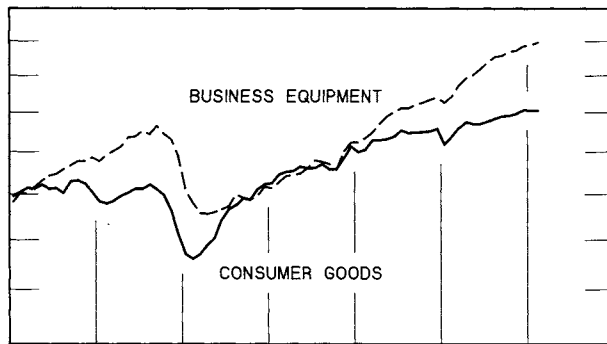
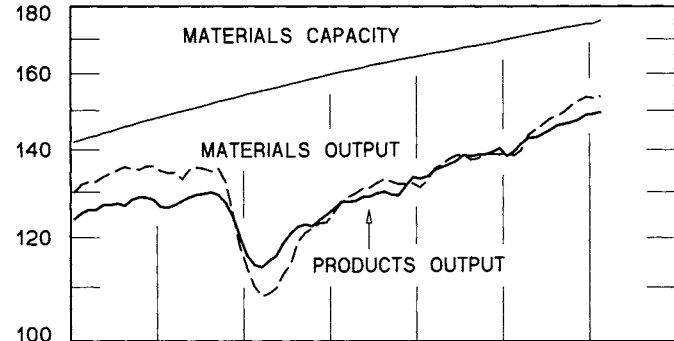
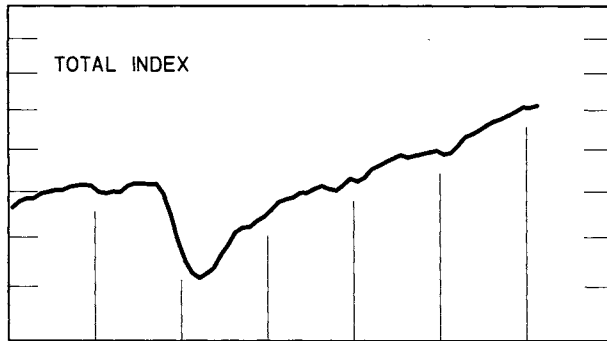
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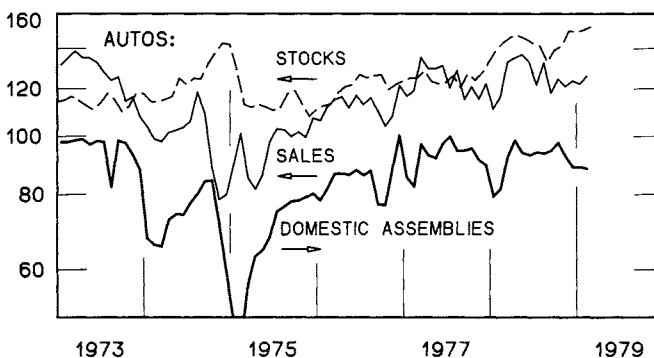
INDUSTRIAL PRODUCTION

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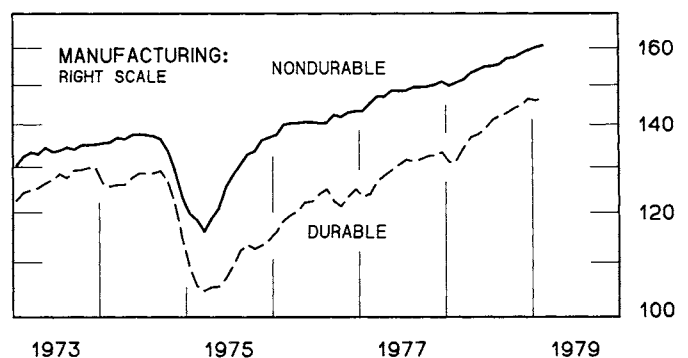
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1969-7 ANNUAL RATE, MILLIONS OF UNITS



1967=100



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AUTOMOTIVE PRODUCTS	2.83	178.6	162.8	175.8	184.3	180.0	179.9	182.2	182.1	178.3	185.6	189.0	185.1	181.2	179.4	
AUTOS & UTILITY VEHICLES	2.03	172.5	153.9	171.0	182.7	175.6	174.3	176.7	175.6	170.0	180.5	185.0	179.3	173.8	171.0	
AUTOS, TOTAL	1.90	148.5	131.5	149.7	159.1	151.6	149.8	152.7	151.1	144.4	154.2	159.7	151.8	145.9	144.5	
AUTO PARTS & ALLIED GOODS	.80	194.0	185.3	188.5	188.2	191.5	193.9	196.1	198.0	199.8	199.1	199.0	200.1	200.0	200.6	
HOME GOODS	5.06	147.8	144.6	147.2	149.2	148.9	149.7	148.9	150.0	150.2	148.2	146.5	148.9	149.0	149.8	
APPLIANCES, AIR COND & TV	1.40	132.5	133.3	135.4	142.2	138.3	139.0	133.7	133.9	134.4	128.7	123.4	129.1	126.4	128.0	
APPLIANCES AND TV	1.33	134.5	135.7	137.9	144.7	140.7	141.0	136.8	135.6	136.9	129.9	124.4	129.8	127.3		
CARPETING AND FURNITURE	1.07	164.3	160.2	159.3	158.9	163.4	166.0	168.5	167.9	169.0	168.0	164.9	166.8	168.1		
MISC. HOME GOODS	2.59	149.3	144.3	148.7	149.0	148.8	148.8	149.1	151.3	150.8	150.6	151.3	152.0	153.6	153.9	
NONDURABLE CONSUMER GOODS	19.79	142.8	140.8	141.3	141.8	141.7	141.6	142.4	143.1	144.4	144.3	144.8	146.2	146.3	146.6	
CLOTHING	4.29	121.1	122.4	124.9	125.4	124.8	125.1	126.6	128.9	128.3						
CONSUMER STAPLES	15.50	147.6	146.3	146.4	146.6	146.2	146.3	147.3	147.8	148.8	148.8	149.2	150.8	150.9	151.4	
CONSUMER FOODS & TOBACCO	8.33	140.1	138.3	138.7	140.8	139.9	139.0	140.2	140.8	141.2	140.4	141.0	143.1	142.3		
NONFOOD STAPLES	7.17	156.2	155.8	155.3	153.3	153.4	154.8	155.5	155.9	157.4	158.5	158.8	159.9	160.7	161.3	
CONSUMER CHEMICAL PROD.	2.63	187.1	184.3	182.1	182.5	182.0	185.5	186.7	188.0	190.1	191.9	190.7	193.2	195.1		
CONSUMER PAPER PRODUCTS	1.92	118.1	118.8	118.9	117.7	117.9	118.0	117.5	117.3	118.2	116.7	117.6	117.2	119.6		
CONSUMER ENERGY PROD.	2.62	153.2	154.5	155.0	149.9	150.7	150.8	151.9	152.0	153.3	155.4	156.7	157.6	156.3		
RESIDENTIAL UTILITIES	1.45	116.7	166.9	159.0	157.2	159.0	159.9	160.1	160.9	162.8	162.1					
EQUIPMENT																
BUSINESS EQUIPMENT	12.63	162.0	154.2	157.4	159.3	160.2	161.8	163.8	165.4	165.8	166.9	167.2	168.6	168.9	169.7	
INDUSTRIAL EQUIPMENT	6.77	149.9	144.6	146.9	147.8	149.7	150.9	151.9	152.8	152.7	152.9	151.8	152.2	153.3	154.5	
BUILDING AND MINING EQUIP.	1.44	223.4	214.9	221.7	225.1	226.0	227.3	228.9	228.1	226.3	226.5	223.8	222.3	221.3	220.5	
MANUFACTURING EQUIPMENT	3.85	121.9	117.7	118.3	119.0	121.3	122.8	122.6	123.9	124.4	125.0	124.2	124.7	126.1	127.5	
POWER EQUIPMENT	1.47	151.0	145.8	148.8	147.3	149.2	149.2	152.8	154.6	154.8	154.0	153.4	155.6	157.9	160.0	
COM'L, TRANSIT, FARM EQ	5.86	175.9	165.5	169.4	172.6	172.3	174.4	177.5	179.9	180.8	182.9	184.9	187.6	186.7	187.2	
COMMERCIAL EQUIPMENT	3.26	208.5	200.9	202.0	203.8	204.2	206.9	210.6	212.2	214.1	215.1	214.9	216.6	217.1	218.8	
TRANSIT EQUIPMENT	1.93	133.6	115.9	126.1	133.7	132.2	132.3	134.9	138.5	138.6	142.6	147.5	151.2	148.4	146.9	
FARM EQUIPMENT	.67	138.9	134.8	137.0	132.9	131.9	137.3	138.5	141.3	142.0	143.2	145.8	151.0	148.7		
DEFENSE AND SPACE EQUIPMENT	7.51	84.5	79.2	81.9	82.9	83.6	84.6	85.9	87.1	87.1	86.7	87.2	87.9	88.6	89.5	
INTERMEDIATE PRODUCTS																
CONSTRUCTION SUPPLIES	6.42	153.3	148.6	147.9	148.5	150.4	152.1	153.5	154.7	155.6	157.0	159.0	161.6	161.9	162.1	
BUSINESS SUPPLIES	6.47	157.2	154.2	155.0	155.6	155.0	157.0	157.6	158.2	158.4	159.2	159.9	161.8	163.2		
COMMERCIAL ENERGY PRODUCTS	1.14	166.3	165.6	164.3	163.5	162.7	163.0	164.1	167.4	169.9	168.8	168.8	168.0	169.1		
MATERIALS																
DURABLE GOODS MATERIALS	20.35	146.9	137.0	138.6	142.7	143.9	145.4	148.7	150.4	152.1	154.0	154.9	157.0	156.2	156.8	
DURABLE CONSUMER PARTS	4.58	140.3	131.1	133.1	136.8	137.9	138.7	142.0	142.2	144.8	147.3	147.4	148.4	147.2	146.9	
EQUIPMENT PARTS	5.44	159.1	146.6	151.3	154.8	155.8	157.4	161.7	162.9	164.6	166.0	167.6	170.5	170.8	172.0	
DURABLE MATERIALS NEC	10.34	143.4	134.6	134.5	138.9	140.3	141.8	144.7	147.6	148.7	150.5	151.6	153.7	152.8	153.2	
BASIC METAL MATERIALS	5.57	120.4	111.0	110.4	116.7	117.5	118.2	121.7	125.4	126.7	128.2	129.1	131.2	127.1		
NONDURABLE GOODS MATERIALS	10.47	162.9	158.5	160.5	162.0	163.5	164.1	162.5	162.7	164.4	165.7	167.8	167.0	167.9	169.0	
TEXTILE, PAPER, & CHEM MAT	7.62	167.9	162.8	165.7	166.4	167.9	168.8	168.3	167.0	170.0	171.0	173.3	172.1	173.4	174.3	
TEXTILE MATERIALS	1.85	117.2	115.8	115.1	116.5	116.7	118.0	117.1	116.0	118.7	118.7	120.4	119.0	118.9		
PAPER MATERIALS	1.62	136.9	136.8	137.8	139.2	140.1	139.9	135.1	131.5	137.7	137.3	137.6	135.7	133.7		
CHEMICAL MATERIALS	4.15	202.6	194.2	199.2	199.5	201.7	202.9	204.0	203.7	205.5	207.6	210.7	210.3	213.2		
CONTAINERS, NONDURABLE	1.70	160.5	158.7	158.1	160.5	161.9	162.8	155.4	161.8	161.1	163.4	165.6	165.5	166.0		
NONDURABLE MATERIALS NEC	1.14	133.1	128.9	129.3	134.6	135.8	135.0	135.7	134.8	131.8	134.5	135.5	135.3	134.6		
ENERGY MATERIALS	8.48	125.2	117.7	117.5	123.9	125.2	127.5	127.9	127.0	126.0	128.0	128.4	129.0	128.3	127.8	
PRIMARY ENERGY	4.65	112.7	101.0	104.5	115.5	114.4	116.1	116.7	115.4	111.8	115.9	117.4	117.0	114.6		
CONVERTED FUEL MATERIALS	3.82	140.4	138.0	133.3	134.1	138.6	141.4	141.6	141.3	143.4	142.7	141.8	143.6	144.9		
SUPPLEMENTARY GROUPS																
HOME GOODS AND CLOTHING	9.35	137.6	133.8	135.9	138.0	138.2	138.3	138.0	139.2	140.3	139.1	138.5	140.3	140.3	140.4	
ENERGY, TOTAL	12.23	135.0	130.0	129.8	133.1	134.2	135.9	136.4	136.1	135.9	137.6	138.2	138.7	138.1	137.5	
PRODUCTS	3.76	157.2	157.9	157.9	154.1	154.3	154.6	155.6	156.7	158.3	159.3	160.4	160.7	160.1		
MATERIALS	8.48	125.2	117.7	117.5	123.9	125.2	127.5	127.9	127.0	126.0	128.0	128.4	129.0	128.3	127.8	

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

Table 2.
INDUSTRIAL PRODUCTION BY MARKET GROUPINGS

Not Seasonally Adjusted, 1967=100

MAJOR MARKET GROUPINGS	1967	1978	1978												1979	
	PRO- POR- TION	AVG.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	
TOTAL INDEX	100.00	145.2	139.6	141.4	144.2	144.2	148.8	141.9	146.9	152.0	152.6	149.7	145.7	146.0	151.6	
PRODUCTS, TOTAL	60.71	144.3	139.0	141.0	143.2	142.1	148.2	141.7	147.0	153.3	152.4	147.9	142.3	143.3	148.7	
FINAL PRODUCTS	47.82	141.4	136.6	138.6	140.7	138.9	145.1	138.2	143.4	150.6	149.5	144.5	139.2	140.8	145.9	
CONSUMER GOODS	27.68	147.4	143.4	145.3	148.4	145.2	152.1	142.5	149.7	158.4	156.8	149.0	141.1	144.3	150.0	
EQUIPMENT	20.14	133.1	127.1	129.3	130.1	130.4	135.6	132.2	134.6	139.7	139.5	138.4	136.7	135.8	140.4	
INTERMEDIATE PRODUCTS	12.89	155.3	148.0	150.3	152.6	153.8	159.9	154.8	160.3	163.4	163.1	160.6	153.7	152.8	158.6	
MATERIALS	39.29	146.5	140.6	142.1	146.1	147.0	149.7	142.2	146.8	149.8	152.9	152.7	151.0	150.0	156.2	
CONSUMER GOODS																
DURABLE CONSUMER GOODS	7.89	158.9	155.7	162.4	169.7	163.7	167.6	143.9	146.7	166.1	173.7	164.2	150.0	154.9	164.9	
AUTOMOTIVE PRODUCTS	2.83	178.6	173.7	187.8	203.1	190.1	192.3	151.8	141.5	181.9	204.9	192.9	165.6	178.7	191.2	
AUTOS & UTILITY VEHICLES	2.03	172.5	167.8	187.2	208.2	191.8	192.3	139.4	119.4	171.4	203.0	190.5	151.5	172.4	186.0	
AUTOS, TOTAL	1.90	148.5	143.6	164.5	182.7	168.4	164.8	114.5	96.4	147.6	175.2	165.6	128.9	146.3	157.8	
AUTO PARTS & ALLIED GOODS	.80	194.0	188.8	189.3	190.0	185.8	192.4	183.4	197.6	208.4	209.6	199.0	201.1	194.9	204.4	
HOME GOODS	5.06	147.8	145.6	148.1	151.0	148.9	153.7	139.5	149.6	157.3	156.2	148.1	141.2	141.0	150.2	
APPLIANCES, AIR COND & TV	1.40	132.5	138.8	141.8	151.7	142.1	146.0	119.5	122.8	139.5	141.8	122.0	108.4	122.2	133.3	
APPLIANCES AND TV	1.33	134.5	140.3	142.5	151.8	142.5	147.5	122.6	126.9	143.9	145.1	124.4	109.7	123.0		
CARPETING AND FURNITURE	1.07	164.3	164.7	162.3	160.8	161.9	167.1	149.7	168.7	176.3	174.7	168.9	164.5	160.9		
MISC. HOME GOODS	2.59	149.3	141.4	145.7	146.7	147.2	152.3	146.1	156.3	159.1	156.3	153.6	149.3	144.1	149.8	
NONDURABLE CONSUMER GOODS	19.79	142.8	138.5	138.4	140.0	137.7	146.0	142.0	150.9	155.3	150.1	142.9	137.6	140.1	144.0	
CLOTHING	4.29		124.1	124.8	132.5	124.3	133.2	111.6	131.9	137.7	134.5					
CONSUMER STAPLES	15.50	147.6	142.4	142.1	142.1	141.4	149.5	150.4	156.1	160.2	154.4	147.8	143.9	144.9	147.2	
CONSUMER FOODS & TOBACCO	8.33	140.1	134.0	134.5	138.5	136.3	142.5	138.1	147.6	153.4	149.2	142.0	135.1	135.1		
NONFOOD STAPLES	7.17	156.2	152.3	150.8	146.2	147.4	157.7	164.6	166.2	168.2	160.5	154.7	154.0	156.4	157.3	
CONSUMER CHEMICAL PROD	2.63	187.1	173.4	175.5	177.5	181.0	195.6	198.3	197.6	205.2	200.9	190.1	179.7	177.7		
CONSUMER PAPER PRODUCTS	1.92	118.1	113.3	114.4	113.4	113.8	120.7	123.3	127.5	128.1	121.3	116.7	111.0	111.9		
CONSUMER ENERGY PROD	2.62	153.2	159.7	152.8	139.0	138.3	146.9	161.0	163.1	160.6	148.6	146.8	159.6	167.6		
RESIDENTIAL UTILITIES	1.45		178.2	166.2	143.3	136.6	150.9	172.7	176.9	173.2	151.6	143.7				
EQUIPMENT																
BUSINESS EQUIPMENT	12.63	162.0	155.5	157.4	158.5	158.3	165.7	160.5	163.8	171.2	170.9	168.3	164.5	163.8	170.6	
INDUSTRIAL EQUIPMENT	6.77	149.9	146.0	146.8	146.3	147.1	152.4	148.4	151.0	157.3	156.4	154.4	151.4	149.7	155.7	
BUILDING AND MINING EQUIP	1.44	223.4	218.6	218.6	219.7	218.7	226.0	219.5	223.3	234.0	233.0	233.2	226.7	219.5	223.2	
MANUFACTURING EQUIPMENT	3.85	121.9	119.7	119.5	118.8	119.8	124.8	119.8	123.5	127.6	126.5	124.9	122.2	122.2	129.7	
POWER EQUIPMENT	1.47	151.0	143.5	147.5	146.4	148.2	152.5	153.7	151.7	159.6	159.2	154.3	154.0	153.2	157.4	
COM'L, TRANSIT, FARM EQ	5.86	175.9	166.3	169.7	172.5	171.3	181.1	174.6	178.6	187.3	187.5	184.3	179.7	180.0	187.9	
COMMERCIAL EQUIPMENT	3.26	208.5	197.5	196.3	199.6	201.3	215.0	215.4	219.0	225.4	220.9	216.0	206.9	206.7	215.1	
TRANSIT EQUIPMENT	1.93	133.6	122.0	132.9	137.8	133.5	135.6	124.2	128.4	135.7	145.6	146.6	145.6	146.9	152.6	
FARM EQUIPMENT	.67	138.9	141.5	146.1	140.5	134.0	147.4	121.5	126.5	150.5	145.8	138.5	145.3	145.7		
DEFENSE AND SPACE EQUIPMENT	7.51	84.5	79.4	82.2	82.3	83.4	84.9	84.5	85.6	86.9	86.7	88.1	90.0	88.8	89.7	
INTERMEDIATE PRODUCTS																
CONSTRUCTION SUPPLIES	6.42	153.3	146.4	148.6	153.0	154.2	159.3	150.0	155.8	159.6	161.4	159.8	151.9	151.0	158.7	
BUSINESS SUPPLIES	6.47	157.2	149.6	151.9	152.3	153.4	160.5	159.5	164.9	167.1	164.8	161.3	155.6	154.6		
COMMERCIAL ENERGY PRODUCTS	1.14	166.3	163.4	158.2	153.8	156.0	169.0	181.5	182.0	180.7	168.1	161.2	156.8	168.4		
MATERIALS																
DURABLE GOODS MATERIALS	20.35	146.9	138.6	141.8	145.9	147.3	149.8	142.7	146.4	152.6	155.5	154.6	154.0	150.6	158.8	
DURABLE CONSUMER PARTS	4.58	140.3	133.1	134.5	139.3	140.5	140.3	134.6	134.7	145.2	149.5	149.6	150.3	145.0	149.4	
EQUIPMENT PARTS	5.44	159.1	148.1	153.4	155.3	156.7	159.6	157.3	158.8	164.4	166.7	169.1	172.5	169.1	173.7	
DURABLE MATERIALS NEC	10.34	143.4	136.1	138.9	143.8	145.3	148.9	138.7	145.0	149.7	152.2	149.2	145.8	143.2	155.0	
BASIC METAL MATERIALS	5.57	120.4	114.8	117.8	124.8	125.1	125.9	112.9	118.1	124.2	126.9	123.3	123.3	121.7		
NONDURABLE GOODS MATERIALS	10.47	162.9	160.2	162.7	165.1	165.2	167.6	153.1	163.0	164.4	169.9	169.2	161.9	164.0	170.8	
TEXTILE, PAPER, & CHEM MAT	7.62	167.9	164.8	167.8	170.1	170.5	172.5	158.5	167.7	169.5	173.4	174.3	167.3	169.6	176.4	
TEXTILE MATERIALS	1.85	117.2	120.3	118.7	120.4	121.5	120.9	97.0	118.2	116.0	122.1	121.2	112.6	120.8		
PAPER MATERIALS	1.62	136.9	141.7	143.0	144.0	142.8	144.4	124.6	132.9	132.2	140.2	138.2	123.8	132.7		
CHEMICAL MATERIALS	4.15	202.6	193.8	199.4	202.5	203.3	206.6	199.3	203.5	208.0	209.3	212.2	208.8	205.7		
CONTAINERS, NONDURABLE	1.70	160.5	161.4	162.4	164.0	164.0	170.5	149.8	166.5	164.5	170.1	161.3	148.5	157.7		
NONDURABLE MATERIALS NEC	1.14	133.1	127.4	128.8	133.7	131.3	130.3	122.0	127.0	130.1	145.9	147.1	145.8	136.1		
ENERGY MATERIALS	8.48	125.2	121.4	117.5	123.3	123.5	127.2	127.3	127.9	124.9	125.9	127.8	130.7	131.6	132.0	
PRIMARY ENERGY	4.65	112.7	103.4	106.0	117.0	116.1	117.1	114.2	114.0	111.5	115.0	117.2	116.6	114.1		
CONVERTED FUEL MATERIALS	3.82	140.4	143.4	131.4	131.0	132.6	139.4	143.2	144.8	141.1	139.1	140.8	147.8	152.6		
SUPPLEMENTARY GROUPS																
HOME GOODS AND CLOTHING	9.35	137.6	135.7	137.4	142.5	137.6	144.3	126.7	141.5	148.3	146.2	137.7	129.0	132.9	142.1	
ENERGY, TOTAL	12.23	135.0	133.5	128.8	129.5	129.7	135.3	139.5	140.4	137.7	134.7	134.9	139.3	142.7	141.2	
PRODUCTS	3.76	157.2	160.8	154.4	143.5	143.6	153.5	167.2	168.8	166.6	154.5	151.2	158.8	167.8		
MATERIALS	8.48	125.2	121.4	117.5	123.3	123.5	127.2	127.3	127.9	124.9	125.9	127.8	130.7	131.6	132.0	

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

Table 3.
PRODUCTION BY INDUSTRY GROUPINGS

Seasonally Adjusted, 1967 = 100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967												1979		
		PRO- TION	1978 AVG.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.
MINING AND UTILITIES		12.05	141.5	137.7	138.2	140.9	140.9	142.5	142.6	142.5	142.1	144.1	144.5	144.7	143.4	143.1
MINING		6.36	124.2	114.4	119.3	127.2	126.7	128.0	127.1	126.0	124.1	127.6	128.1	127.5	124.0	122.1
UTILITIES		5.69	160.9	163.5	159.5	156.0	157.0	158.6	159.9	160.8	162.3	162.4	162.9	163.9	165.2	166.4
MANUFACTURING		87.95	145.6	139.4	141.4	143.5	144.3	145.5	146.7	147.6	148.7	149.5	150.4	151.8	151.9	152.4
NONDURABLE		35.97	154.8	150.6	151.4	153.2	154.0	154.9	155.0	155.6	157.1	157.4	158.5	159.4	160.3	160.8
DURABLE		51.98	139.3	131.5	134.4	136.9	137.6	139.0	141.1	142.2	142.8	144.0	144.8	146.5	146.0	146.7
MINING																
METAL MINING	10	.51	121.0	119.9	127.6	122.3	120.0	121.1	117.0	117.9	115.6	122.1	125.3	123.9	123.9	
COAL	11,12	.69	115.8	56.5	78.4	129.5	131.7	136.4	131.7	124.9	114.7	144.0	145.1	146.8	117.6	103.0
OIL AND GAS EXTRACTION	13	4.40	124.7	120.4	123.3	127.3	126.3	127.1	126.8	126.2	124.9	124.5	124.9	123.7	123.0	122.2
STONE AND EARTH MINERALS	14	.75	131.1	129.1	128.2	128.9	130.1	130.7	131.3	131.6	133.8	134.0	132.9	134.2	136.7	
NONDURABLE MANUFACTURES																
FOODS	20	8.75	142.9	140.8	141.1	143.1	142.8	141.8	142.9	144.0	144.4	143.2	144.2	145.5	145.9	
TOBACCO PRODUCTS	21	.67	119.1	117.7	115.6	121.0	122.7	120.8	122.7	118.6	120.6	119.0	121.5	121.7		
TEXTILE MILL PRODUCTS	22	2.68	140.0	136.4	135.1	138.1	138.5	140.4	141.0	139.5	142.2	142.1	143.9	144.9	144.4	
APPAREL PRODUCTS	23	3.31		121.1	122.8	126.1	125.8	126.8	124.5	127.2	130.9	130.6				
PAPER AND PRODUCTS	26	3.21	144.4	143.9	144.9	145.7	146.6	148.0	140.5	141.9	142.3	145.8	145.3	147.1	144.9	146.0
PRINTING AND PUBLISHING	27	4.72	129.9	128.3	129.1	128.6	128.2	128.7	130.3	129.5	131.0	130.5	132.1	133.0	134.9	136.0
CHEMICALS AND PRODUCTS	28	7.74	190.7	183.7	185.6	185.5	188.1	191.1	192.3	192.2	194.2	195.9	197.6	197.9	201.1	
PETROLEUM PRODUCTS	29	1.79	144.2	139.0	140.1	141.7	143.4	142.8	144.3	144.1	147.1	147.9	148.9	149.9	148.6	147.3
RUBBER & PLASTICS PRODUCTS	30	2.24	154.7	140.0	243.1	249.1	252.7	255.5	259.1	261.1	263.1	264.1	264.2	265.6	266.5	
LEATHER AND PRODUCTS	31	.86	74.1	73.0	72.1	76.0	75.7	75.1	74.5	74.0	74.1	73.8	74.1	74.0	74.3	
DURABLE MANUFACTURES																
ORDNANCE, PVT & GOVT	19,91	3.64	73.7	71.2	72.7	73.0	74.3	74.7	75.2	75.2	74.3	73.9	73.6	74.0	73.6	73.5
LUMBER AND PRODUCTS	24	1.64	138.9	135.5	136.5	136.9	136.5	138.7	138.1	136.9	139.2	141.2	142.5	146.3	146.5	
FURNITURE AND FIXTURES	25	1.37	154.7	150.1	149.5	148.9	152.8	158.1	159.0	160.7	160.9	157.6	157.6	156.7	157.8	
CLAY, GLASS, STONE PROD	32	2.74	159.2	152.6	154.2	156.7	157.9	159.8	158.8	159.5	160.9	162.1	166.3	167.7	168.3	
PRIMARY METALS	33	6.57	119.1	106.2	106.1	114.3	115.5	117.5	123.0	126.0	127.9	128.6	129.0	131.0	124.0	124.3
IRON AND STEEL	331,2	4.21	113.2	96.3	96.4	109.0	110.5	114.5	119.0	120.9	123.2	123.8	124.1	125.9	115.2	
FABRICATED METAL PROD	34	5.93	142.6	136.9	138.1	139.5	140.4	142.3	144.0	145.8	146.3	146.0	146.9	149.0	150.8	151.5
NONELECTRICAL MACHINERY	35	9.15	155.6	150.1	151.5	152.2	154.6	156.1	157.3	158.7	160.3	160.3	160.3	161.8	162.5	163.8
ELECTRICAL MACHINERY	36	8.05	154.3	146.4	149.5	152.3	152.9	154.1	157.9	156.9	158.3	157.9	159.0	161.9	163.7	165.2
TRANSPORTATION EQUIP	37	9.27	130.5	118.4	126.5	130.5	130.1	130.4	132.1	133.4	132.8	137.0	139.3	139.4	138.0	137.9
MOTOR VEHICLES & PTS	371	4.50	168.3	153.1	165.1	171.7	168.3	167.7	169.7	171.0	168.9	176.8	180.8	179.5	174.4	172.2
AEROSPACE & MISC	372-9	4.77	94.9	85.8	90.1	91.8	93.9	95.0	96.5	98.3	98.9	99.6	100.2	101.7	103.7	105.4
INSTRUMENTS	38	2.11	171.6	163.5	168.7	170.5	169.8	170.9	172.2	175.4	174.6	175.3	176.2	179.5	180.8	182.5
MISCELLANEOUS MFRS	39	1.51	153.3	151.8	153.7	152.9	152.7	153.5	153.2	153.8	154.1	153.9	152.1	153.8	153.9	153.3
UTILITIES																
ELECTRIC		3.88		184.3	178.8	175.0	177.1	180.1	182.1	183.2	184.4	184.1	185.0			

Table 4.
CHANGES IN OUTPUT (PER CENT)

	1978												1979	
	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.		
CHANGE FROM PREVIOUS MONTH														
TOTAL INDEX	1.2	1.6	.5	.7	.8	.7	.5	.6	.6	.8	.0	.3		
FINAL PRODUCTS	1.8	1.2	.0	.4	.8	.8	.3	.3	.3	.7	.1	.3		
CONSUMER GOODS	1.5	1.1	-.3	.0	.5	.5	.4	.3	.7	.7	-.1	.0		
DURABLE CONSUMER GOODS	4.2	2.7	-1.0	.2	.2	-.7	.8	.1	.1	-.1	-.7	-.2		
NONDURABLE CONSUMER GOODS	.4	.4	-.1	-.1	.6	.5	.9	-.1	.3	1.0	.1	.2		
BUSINESS EQUIPMENT	2.1	1.2	.6	1.0	1.2	1.0	.2	.7	.2	.8	.2	.5		
INTERMEDIATE PRODUCTS	.0	.5	.3	1.4	.6	.5	.4	.6	.8	1.4	.6	.2		
MATERIALS	.9	2.7	1.0	.9	1.0	.5	.7	1.1	.9	.6	-.1	.3		
DURABLE GOODS MATERIALS	1.2	3.0	.8	1.0	2.3	1.1	1.1	1.2	.6	1.4	-.5	.4		
NONDURABLE GOODS MATERIALS	1.3	.9	.9	.4	-1.0	-.1	1.0	.8	1.3	-.5	.5	.7		
MANUFACTURING	1.4	1.5	.6	.8	.8	.6	.7	.5	.6	.9	.1	.3		
NONDURABLE	.5	1.2	.5	.6	.1	.4	1.0	.2	.7	.6	.6	.3		
DURABLE	2.2	1.9	.5	1.0	1.5	.8	.4	.8	.6	1.2	-.3	.5		
MINING AND UTILITIES	.4	2.0	.0	1.1	.1	-.1	-.3	1.4	.3	.1	-.9	-.2		
CHANGE FROM SAME MONTH A YEAR AGO														
TOTAL INDEX	4.1	5.2	5.0	5.2	5.3	6.5	6.7	7.1	7.4	7.9	8.6	8.6		
FINAL PRODUCTS	4.2	4.8	4.3	4.2	3.9	5.1	5.0	5.6	5.5	5.7	7.9	7.0		
CONSUMER GOODS	2.1	3.2	2.7	2.2	1.6	2.6	2.8	3.0	3.1	3.4	6.1	4.7		
DURABLE CONSUMER GOODS	3.3	6.8	5.3	3.1	1.8	4.4	3.0	3.1	4.3	3.9	9.7	6.1		
NONDURABLE CONSUMER GOODS	1.6	1.7	1.6	1.8	1.5	1.8	2.6	3.0	2.5	3.1	4.6	4.1		
BUSINESS EQUIPMENT	8.7	8.3	7.6	7.8	8.3	9.5	9.0	9.4	8.9	9.5	10.7	10.1		
INTERMEDIATE PRODUCTS	6.8	6.9	6.3	6.9	6.4	7.0	7.2	6.9	7.3	7.4	7.3	7.6		
MATERIALS	3.2	5.3	5.3	5.6	6.5	8.0	8.6	9.0	9.9	10.7	10.2	11.0		
DURABLE GOODS MATERIALS	5.1	6.7	6.4	6.6	8.7	11.1	12.1	12.3	12.9	13.2	13.0	14.5		
NONDURABLE GOODS MATERIALS	4.7	5.4	5.2	6.1	5.5	4.9	6.8	7.3	8.0	7.5	8.3	6.6		
MANUFACTURING	4.7	5.7	5.3	5.6	5.9	6.5	7.0	7.2	7.5	8.0	9.5	9.3		
NONDURABLE	3.0	4.2	3.7	4.4	4.3	4.1	5.1	5.2	5.6	5.6	7.0	6.8		
DURABLE	6.0	7.0	6.4	6.5	7.2	8.3	8.4	8.8	9.1	9.8	11.4	11.6		
MINING AND UTILITIES	1.2	3.8	2.8	2.7	2.3	6.0	5.2	6.1	6.6	8.1	4.4	3.9		

Table 5.
PRODUCTION BY INDUSTRY GROUPINGS

Not Seasonally Adjusted, 1967=100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967	1978	1978												1979	
		PRO- DUCTION	PRO- AVG.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	
MINING AND UTILITIES		12.05	141.5	139.9	136.3	137.0	136.4	142.4	145.5	147.2	144.5	141.4	141.2	144.7	147.8	145.7	
MINING		6.36	124.2	113.3	117.4	127.0	127.4	128.8	124.6	126.6	126.0	129.3	130.0	126.5	121.2	121.3	
UTILITIES		5.69	160.9	169.5	157.4	148.2	146.4	157.7	168.8	170.2	165.2	155.0	153.7	165.1	177.5	172.9	
MANUFACTURING		87.95	145.6	139.6	142.1	145.1	145.1	149.7	141.2	146.9	153.0	154.1	151.1	145.9	145.9	152.8	
NONDURABLE		35.97	154.8	148.7	150.5	153.3	153.5	159.3	150.3	160.3	164.2	163.7	159.4	151.5	152.3	159.1	
DURABLE		51.98	139.3	133.2	136.3	139.5	139.2	143.0	135.1	137.7	145.3	147.5	145.2	142.1	141.5	148.5	
MINING																	
METAL MINING	10	.51	121.0	113.3	120.5	121.1	129.8	132.0	115.2	123.8	125.3	125.0	120.9	115.6	111.9		
COAL	11,12	.69	115.8	59.4	82.4	137.4	137.9	137.2	115.0	124.7	118.8	146.2	146.1	131.0	105.8	107.6	
OIL AND GAS EXTRACTION	13	4.40	124.7	121.1	121.8	125.6	124.3	125.9	126.2	125.9	125.3	125.4	127.0	125.6	123.6	123.2	
STONE AND EARTH MINERALS	14	.75	131.1	117.1	121.8	129.7	134.1	135.5	130.0	134.5	137.1	139.8	139.3	134.9	127.1		
NONDURABLE MANUFACTURES																	
FOODS	20	8.75	142.9	135.9	137.0	140.5	138.9	143.9	140.9	149.0	154.6	152.6	146.5	141.2	139.8		
TOBACCO PRODUCTS	21	.67	119.1	125.6	116.6	115.4	117.8	128.8	100.3	125.9	128.7	131.2	125.1	99.1			
TEXTILE MILL PRODUCTS	22	2.68	140.0	137.5	137.6	143.0	142.7	146.5	125.1	144.2	146.5	148.0	143.9	134.1	136.5		
APPAREL PRODUCTS	23	3.31		125.1	126.5	130.2	125.4	132.8	112.4	133.7	139.7	137.3					
PAPER AND PRODUCTS	26	3.21	144.4	148.2	150.5	151.8	150.2	152.4	130.4	142.8	140.2	150.9	145.3	132.8	140.8	150.7	
PRINTING AND PUBLISHING	27	4.72	129.9	118.9	121.4	123.5	125.9	133.6	136.6	141.2	143.8	137.0	133.9	126.4	120.9	126.0	
CHEMICALS AND PRODUCTS	28	7.74	190.7	179.3	183.9	186.8	190.0	196.8	192.9	195.5	200.8	199.8	197.4	190.8	190.2		
PETROLEUM PRODUCTS	29	1.79	144.2	133.9	134.5	136.0	141.2	146.5	149.1	149.4	150.3	148.3	152.0	152.9	144.1	141.9	
RUBBER & PLASTICS PRODUCTS	30	2.24	254.7	251.3	252.3	253.6	252.7	258.6	233.2	259.2	265.7	270.4	267.4	260.9	258.5		
LEATHER AND PRODUCTS	31	.86	74.1	75.7	73.7	79.9	74.9	78.0	64.8	75.1	75.1	75.6	73.4	70.4	72.5		
DURABLE MANUFACTURES																	
ORDNANCE, PVT & GOVT	19,91	3.64	73.7	72.3	74.0	73.2	74.4	75.4	74.6	74.0	73.6	72.8	72.9	74.1	74.3	74.7	
LUMBER AND PRODUCTS	24	1.64	138.9	136.0	137.6	140.6	138.4	144.1	135.1	140.3	143.9	146.6	140.1	135.7	136.5		
FURNITURE AND FIXTURES	25	1.37	154.7	157.4	152.5	148.9	150.7	156.4	141.3	159.0	163.9	162.7	160.8	157.5	156.2		
CLAY, GLASS, STONE PROD	32	2.74	159.2	145.0	151.6	158.8	161.1	167.1	159.3	165.9	166.2	169.9	167.1	158.3	154.5		
PRIMARY METALS	33	6.57	119.1	111.4	114.1	124.2	123.7	124.3	113.7	116.1	123.1	126.4	122.5	122.8	118.8	130.4	
IRON AND STEEL	331,2	4.21	113.2	100.9	104.0	119.9	119.9	120.2	113.3	110.1	117.0	120.7	115.9	117.1	109.2		
FABRICATED METAL PROD	34	5.93	142.6	139.4	140.0	139.8	141.0	143.7	139.0	143.9	147.7	148.7	148.4	147.1	146.0	154.2	
NONELECTRICAL MACHINERY	35	9.15	155.6	151.5	151.3	151.7	151.8	159.3	154.4	157.3	165.0	163.2	160.3	156.7	156.3	165.7	
ELECTRICAL MACHINERY	36	8.05	154.3	146.8	150.1	152.0	152.1	156.9	150.8	153.4	162.4	164.1	161.2	159.6	160.7	165.8	
TRANSPORTATION EQUIP	37	9.27	130.5	122.0	130.7	137.7	134.1	135.7	120.3	116.9	133.5	143.3	141.3	134.5	136.5	141.3	
MOTOR VEHICLES & PTS	371	4.50	168.3	160.4	172.7	184.8	176.4	178.3	149.2	139.5	169.9	188.6	183.2	167.8	173.4	179.4	
AEROSPACE & MISC	372-9	4.77	94.9	85.8	91.2	93.3	94.3	95.5	93.1	95.6	99.2	100.6	101.8	103.2	101.7	105.4	
INSTRUMENTS	38	2.11	171.6	161.4	166.2	167.3	169.1	174.3	171.5	176.6	179.3	177.9	179.2	178.2	175.0	180.1	
MISCELLANEOUS MFRS	39	1.51	153.3	149.8	151.1	150.9	150.7	156.6	148.8	159.8	165.2	160.8	155.0	148.3	143.1	151.3	
UTILITIES																	
ELECTRIC		3.88		188.4	173.1	162.4	162.8	181.0	198.2	199.8	192.0	175.5	171.1				

Table 7.
DETAILED OUTPUT SERIES

Not Seasonally Adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1978	1978												1979	
		PRO- POR- TION	AVG.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	
METAL MINING																	
IRON ORE	101,6	.51	.24	110.0	82.3	85.4	102.0	101.1	123.3	131.7	122.5	121.1	120.9	114.3	108.4	106.7	98.4
NONFERROUS ORES	102-5,8,9	.27	.14	130.8	133.9	138.0	136.9	138.7	135.8	132.1	108.9	126.2	129.2	134.3	132.1	123.6	124.0
COPPER ORE	102	.14	.15	156.6	157.0	166.2	161.0	168.4	161.2	160.3	122.5	150.9	154.3	163.3	159.8	142.6	141.5
LEAD AND ZINC ORES	103	.03	.03	89.8	97.4	99.8	105.6	101.8	99.7	74.1	64.1	83.2	87.1	94.6	86.3	84.0	87.8
ANTHRACITE																	
BITUMINOUS COAL																	
OIL AND GAS EXTRACTION																	
CRUDE OIL & NATURAL GAS	131	4.40	3.61	99.1	98.6	97.1	97.3	101.4	98.8	99.9	100.0	99.4	98.6	98.3	99.9	99.7	99.3
CRUDE OIL, TOTAL			2.94	96.8	95.4	92.8	94.1	100.0	96.3	97.5	98.0	97.6	97.4	97.0	98.1	97.6	96.8
ALASKA, CALIF. CRUDE			.31	203.7	173.7	159.4	191.1	217.9	199.6	211.3	212.3	213.4	213.3	218.5	216.9	216.9	217.3
TEXAS CRUDE			1.07	96.1	101.0	99.7	95.0	100.0	96.0	95.5	95.9	95.0	94.0	92.8	94.9	93.4	92.9
LA. AND OTHER CRUDE			1.57	76.5	76.3	75.1	74.6	77.0	76.4	76.8	77.1	76.9	77.2	76.3	77.1	77.2	76.0
NATURAL GAS			.67		112.8	116.2	111.5	107.8	109.5	110.5	108.9	107.0	103.7	103.7	107.8		
NATURAL GAS LIQUIDS	132	.30															
LP PROPANE			.04														
LP MATERIALS			.26														
OIL AND GAS DRILLING	138	.50	315.2	296.9	297.9	301.2	306.7	313.8	319.1	321.9	324.4	325.4	327.3	328.7	319.0	306.8	
FOODS																	
MEAT PRODUCTS																	
BEEF	201	1.17	113.8	110.2	113.3	112.3	115.1	111.6	111.3	106.0	114.0	116.0	122.2	120.5	112.9	111.8	
PORK			.40	120.1	123.8	127.0	118.6	121.4	118.2	116.8	112.8	119.9	120.1	125.3	121.4	115.7	118.4
MISC. MEATS			.55	106.6	101.1	106.3	108.9	112.2	103.9	100.6	94.5	101.7	107.6	113.1	118.9	110.8	105.9
DAIRY PRODUCTS																	
BUTTER	202	1.14	120.4	113.9	116.8	120.5	123.2	124.5	129.2	125.1	122.7	119.6	117.5	115.6	116.8	117.3	
CHEESE	2022	.07	234.7	213.5	225.2	243.7	247.7	257.7	270.1	233.6	224.2	216.0	220.8	226.0	237.8	229.3	
CONCENTRATED MILK	2023	.12	53.6	51.2	50.5	56.6	63.5	68.5	72.7	62.7	54.0	44.8	40.0	36.4	42.7	47.8	
FROZEN DESSERTS	2024	.13	131.1	92.7	110.1	126.8	136.5	139.9	169.9	164.7	159.8	142.9	123.3	107.8	98.9	97.7	
CANNED AND FROZEN FOODS																	
GRAIN MILL PRODUCTS	204	1.18	162.8	151.2	154.1	153.0	152.0	154.4	158.9	156.9	171.8	193.9	185.5	168.1	153.4	154.0	
FLOUR & CORN MILL.	2041,6	.28	113.3	104.9	115.4	112.0	119.4	110.9	111.0	112.7	115.4	113.0	119.6	114.3	110.7	105.5	
BAKERY PRODUCTS																	
SUGAR	206	1.15	117.8	108.5	107.1	108.0	110.0	112.8	121.0	127.0	130.2	132.3	124.1	117.5	114.8	114.6	
CONFECTIONERY	207	.41	107.1	95.8	122.0	101.5	109.4	93.2	88.5	78.2	132.3	145.0	115.2	107.3	96.3	70.8	
BEVERAGES																	
BEER AND ALE	2082,3	1.58	180.9	158.1	156.6	168.1	180.0	178.3	193.8	194.4	201.3	198.5	190.9	178.6	172.8	171.3	
WINES AND BRANDY	2084	.07		1205.9	193.3	233.0	220.6	210.4	204.2	188.6	216.1	240.2	283.8	298.9			
LIQUORS	2085	.24	131.4	122.7	119.8	130.6	138.8	112.8	137.2	105.4	129.3	145.9	160.3	145.0	128.5	121.5	
SOFT DRINKS	2086,7	.74	211.6	183.3	175.2	187.1	195.7	207.1	225.3	236.7	242.6	243.5	225.4	212.7	204.1	203.0	
MISC. FOOD PREPARATIONS																	
FATS AND OILS	2091-4,6	.97	138.3	138.8	142.5	137.2	137.2	133.5	130.8	127.0	135.9	137.6	142.7	146.1	150.3	149.1	
COFFEE, MISC. FOOD	2095,7-9	.67	138.9	140.2	142.8	134.2	138.5	134.9	131.6	130.9	139.6	141.2	140.8	144.7	147.2		
TOBACCO PRODUCTS																	
CIGARETTES	211	.54	120.8	116.1	126.8	116.9	128.5	118.5	134.1	101.6	127.0	126.9	131.0	124.9	97.3	121.0	
CIGARS	212	.07	65.2	64.2	72.8	68.3	73.7	71.6	69.7	46.8	65.9	69.1	70.8	65.5	44.3	55.1	
TEXTILE MILL PRODUCTS																	
FABRICS	221-4	1.05	99.6	102.3	104.8	103.8	102.6	103.1	100.8	80.3	97.8	97.7	102.1	103.1	96.5	104.9	
COTTON FABRICS	221,4	.60	73.4	77.0	78.4	77.6	75.9	75.8	72.2	60.3	72.2	71.7	75.9	75.1	68.6	75.8	
MAN-MADE FABRICS	222	.30	171.2	174.8	176.4	173.9	172.6	173.6	135.0	169.0	172.0	177.9	177.9	182.8	173.2	184.0	
WOOL FABRICS	223	.14	57.8	54.6	63.8	64.9	67.0	69.0	66.5	48.6	54.4	49.9	52.0	51.5	51.0	59.2	
KNIT GOODS																	
HOSIERY	2251,2	.63	193.5	162.7	181.3	181.1	194.6	191.6	209.2	191.1	209.7	219.0	204.0	194.9	182.4	173.7	
KNIT GARMENTS	2253-9	.42	195.4	165.6	176.1	178.5	187.8	198.0	214.2	191.9	222.6	226.4	209.5	196.5	178.1	168.7	
FABRIC FINISHING																	
CARPETING	227	.23	157.6	144.6	149.2	149.8	156.2	165.1	168.7	128.7	164.3	163.5	166.9	171.8	162.3	159.1	
YARN & MISC. TEXTILES	228,9	.57	132.9	133.2	137.1	133.0	138.5	137.4	138.1	114.5	136.9	129.9	140.4	133.6	121.7	133.2	
APPAREL PRODUCTS																	
MEN'S OUTERWEAR	231,2	1.06		102.0	115.7	117.1	122.4	114.3	115.9	78.4	109.9	126.0	129.6				
MEN'S SUITS AND COATS	231	.34		87.2	92.5	104.6	109.0	102.6	101.7	64.2	101.4	113.6	111.5				
MEN'S FURNISHINGS	232	.69		110.7	129.1	125.3	131.1	122.0	124.8	85.8	115.7	134.3	141.0				
WOMEN'S OUTERWEAR	233	1.05		131.6	154.6	155.1	169.6	148.9	163.4	138.7	169.3	173.5	161.6				
MISC. APP. & ALLIED GDS	234-9	1.20	116.9	104.8	107.8	110.0	111.3	113.1	124.2	119.6	129.4	129.1	122.9	117.1	113.9	108.6	
LUMBER AND PRODUCTS																	
LOGGING AND LUMBER	241,2	1.64	.82	112.9	98.5	108.6	106.4	115.7	107.2	119.4	115.2	114.3	123.0	121.8	112.3	112.3	108.8
LUMBER	242	.59	110.8	99.1	111.3	107.4	119.8	106.7	116.1	109.0	108.7	119.9	116.1	108.1	107.6		
LUMBER PRODUCTS	243,4,9	.82	164.9	158.3	163.2	168.7	165.4	169.4	168.7	154.9	166.1	164.7	171.3	167.8	160.8	162.1	
MILLWORK AND PLYWOOD	243	.50	178.8	171.9	175.4	183.6	178.6	185.7	184.8	166.1	183.0	178.6	187.9	179.4	170.1		
PLYWD, PREFAB PROD	2432,3	.29	195.6	190.5	196.1	207.7	195.8	206.2	200.4	169.3	199.0	192.9	212.5	197.9	179.3		
FURNITURE AND FIXTURES																	
HOUSEHOLD FURNITURE	251	.87	159.8	150.4	165.9	158.9	154.0	156.5	162.6	143.0	166.5	170.4	166.1	163.3	160.5	160.7	
FIXTURES, OFF. FURN.	252,4,9	.42	153.2	141.5	150.3	147.9	146.6	146.7	152.7	145.7	154.2	162.8	165.0	165.0	159.7	157.7	

Table 9.

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

SUMMARY GROUPINGS	1977		1978				1977		1978			
	III	IV	I	II	III	IV	III	IV	I	II	III	IV
TOTAL INDEX	138.4	139.3	139.6	144.0	147.0	149.7						
PRODUCTS, TOTAL	138.6	139.6	139.9	143.4	145.9	147.9	590.3	592.5	591.5	608.2	612.4	625.8
FINAL PRODUCTS	136.6	137.0	136.7	140.7	143.1	144.7	457.2	457.9	454.3	469.3	471.2	481.7
CONSUMER GOODS	145.0	145.3	143.8	147.2	148.4	149.9	320.2	320.0	317.1	324.4	324.2	330.5
DURABLE CONSUMER GOODS	156.1	155.9	151.7	160.9	160.9	161.8	97.0	95.9	92.2	98.5	98.9	99.5
AUTOMOTIVE PRODUCTS	179.7	175.1	165.4	181.4	180.9	186.6	51.6	49.9	46.8	51.8	51.2	53.1
HOME GOODS	142.9	145.3	144.0	149.3	149.7	147.9	45.4	46.0	45.5	46.7	47.7	46.5
NONDURABLE CONSUMER GOODS	140.5	141.0	140.7	141.7	143.3	145.1	223.3	223.9	224.9	225.9	225.3	231.0
CLOTHING	126.3	127.1	120.6	125.0	126.9		32.3	32.9	31.2	32.2		32.8
CONSUMER STAPLES	144.5	144.9	146.2	146.4	148.0	149.6	191.0	191.1	193.7	193.8	192.5	197.6
CONSUMER ENERGY	150.8	149.6	153.7	150.5	152.4	156.6	44.1	43.6	44.9	44.0	44.6	45.9
(HOME GOODS AND CLOTHING)	135.2	136.9	133.3	138.2	139.2	139.3	77.7	78.8	76.6	78.9	80.5	79.9
EQUIPMENT	125.1	125.7	126.9	131.8	135.8	137.6	136.9	137.9	137.3	144.8	147.2	151.3
BUSINESS EQUIPMENT	151.5	153.4	154.7	160.4	165.0	167.6	103.0	104.8	103.7	109.7	110.7	114.6
INDUSTRIAL EQUIPMENT	140.8	142.5	145.3	149.5	152.5	152.3	45.8	46.4	47.4	48.7	49.4	49.7
COMMERCIAL, TRANSIT, FARM EQ.	163.7	166.0	165.7	173.1	179.4	185.1	57.3	58.5	56.3	60.9	61.3	64.9
DEFENSE AND SPACE EQUIPMENT	80.7	79.2	80.3	83.7	86.7	87.3	33.9	33.1	33.6	35.2	36.5	36.7
INTERMEDIATE PRODUCTS	146.3	148.9	151.5	153.1	156.3	159.6	133.1	134.6	137.1	139.1	141.3	144.2
CONSTRUCTION SUPPLIES	142.0	146.6	148.6	150.3	154.6	159.2	62.1	63.2	63.9	65.4	66.8	68.4
BUSINESS SUPPLIES	150.5	151.1	154.3	155.9	158.1	160.3	71.1	71.5	73.2	73.7	74.5	75.9
COMMERCIAL ENERGY PRODUCTS	165.3	163.2	165.1	163.1	167.1	168.5	18.2	17.8	18.2	18.1	18.4	18.5
MATERIALS	138.1	138.9	139.2	145.1	148.7	152.6						
DURABLE GOODS MATERIALS	136.0	137.7	137.9	144.0	150.4	155.3						
BASIC METAL MATERIALS	109.4	109.4	110.5	117.5	124.6	129.5						
NONDURABLE GOODS MATERIALS	154.4	155.0	158.0	163.2	163.2	166.8						
TEXTILE, PAPER AND CHEMICAL MAT	159.2	159.5	163.1	167.7	168.4	172.1						
TEXTILE MATERIALS	112.3	117.9	115.3	117.1	117.3	119.4						
PAPER MATERIALS	135.1	132.3	136.5	139.7	134.8	136.9						
CHEMICAL MATERIALS	189.5	188.9	194.9	201.4	204.4	209.5						
ENERGY MATERIALS	123.4	121.9	119.1	125.5	127.0	128.5						
MANUFACTURING	138.7	139.9	139.8	144.4	147.7	150.6						
DURABLE	131.5	132.8	132.3	137.8	142.0	145.1						
NONDURABLE	149.2	150.2	150.6	154.0	155.9	158.4						
MINING AND UTILITIES	136.3	135.1	137.8	141.4	142.4	144.4						
MINING	117.7	117.3	116.2	127.3	125.7	127.7						
UTILITIES	157.1	155.0	161.8	157.2	161.0	163.1						

Table 10.

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

MAJOR MARKET GROUPINGS	1972	1978		1979													
	DOLLS. IN BIL. ANNUAL RATE	1978	1978	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.
PRODUCTS, TOTAL	507.4	609.4	591.2	601.1	608.8	606.8	608.9	610.3	613.3	613.6	621.3	625.3	630.7	629.9	630.3		
FINAL PRODUCTS	390.9	469.1	454.4	463.5	470.7	468.2	468.9	469.6	472.2	471.8	478.8	481.6	484.8	483.0	483.9		
CONSUMER GOODS	277.5	324.1	318.6	321.6	326.3	324.0	323.0	323.4	324.7	324.4	328.1	330.8	332.4	330.7	330.3		
DURABLE CONSUMER GOODS	82.0	97.3	91.5	96.7	99.4	97.9	98.2	99.6	99.5	97.7	99.6	99.8	99.3	98.1	97.6		
AUTOMOTIVE PRODUCTS	41.1	50.7	45.9	50.3	53.1	51.3	51.0	51.8	51.7	50.2	52.8	54.0	52.5	51.1	50.5		
HOME GOODS	40.9	46.6	45.6	46.4	46.4	46.6	47.2	47.7	47.8	47.4	46.7	45.8	46.8	47.0	47.1		
NONDURABLE CONSUMER GDS	195.5	226.8	227.0	224.9	226.9	226.2	224.7	224.0	225.1	226.7	228.6	231.0	233.4	232.7	232.7		
CLOTHING	28.5		31.6	31.2	31.9	32.4	32.3	32.4	32.8	33.3	33.3						
CONSUMER STAPLES	167.0	194.4	195.3	193.8	195.0	193.8	192.5	191.6	192.5	193.4	195.5	197.6	199.7	199.4	199.6		
CONSUMER ENERGY PROD	39.2	44.9	45.1	45.4	43.8	44.2	43.9	44.6	44.4	45.0	45.1	46.1	46.6	46.0			
(HOME GOODS & CLOTHING)	69.4	79.0	77.2	77.6	78.3	79.0	79.4	80.2	80.6	80.7	80.0	79.2	80.5	80.4	80.3		
EQUIPMENT	113.4	145.2	135.8	142.0	144.4	144.2	146.0	146.4	147.5	147.7	150.6	150.9	152.3	152.1	153.3		
BUSINESS EQUIPMENT	80.6	109.7	102.9	107.8	109.7	108.9	110.4	110.2	111.0	111.1	114.0	114.3	115.4	114.9	115.5		
INDUSTRIAL EQUIPMENT	34.4	48.8	47.2	48.2	48.2	48.8	49.3	49.3	49.6	49.5	49.7	49.4	49.8	49.8	50.3		
COM'L, TRANSIT, FARM EQ	46.2	60.9	55.7	59.6	61.5	60.1	61.1	60.8	61.4	61.7	64.3	64.9	65.6	65.1	65.1		
DEFENSE & SPACE EQUIP.	32.7	35.5	33.0	34.3	34.8	35.1	35.6	36.3	36.6	36.6	36.5	36.6	36.9	37.2	37.7		
INTERMEDIATE PRODUCTS	116.6	140.4	137.0	137.5	138.3	138.6	140.3	140.7	141.4	141.9	142.6	144.0	146.0	146.9	146.7		
CONSTRUCTION SUPPLIES	57.8	66.1	63.8	63.7	64.6	65.2	66.4	66.3	66.9	67.2	67.5	68.2	69.4	69.4	69.3		
BUSINESS SUPPLIES	58.8	74.3	73.2	73.8	73.8	73.4	74.0	74.4	74.5	74.7	75.2	75.8	76.6	77.4			
COMMERCIAL ENERGY PROD	15.6	18.3	18.5	18.2	18.2	18.0	18.0	18.1	18.4	18.7	18.4	18.6	18.5	18.5			

INDUSTRIAL ELECTRIC POWER USE

SEASONALLY ADJUSTED INDEXES, 1967 = 100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1977					1978					1979 (P)	PER CENT CH. FROM PREV. YR.	
				Q 4	Q 1	Q 2	Q 3	Q 4	AUG	SEP	OCT	NOV	DEC		(P)	(P)
TOTAL		560.4	138.4	135.6	131.9	137.7	141.7	142.4	141.5	143.1	142.0	142.7	142.4	142.3	0.0	4.5
<u>MAJOR MARKET GROUPINGS</u>																
PRODUCTS, TOTAL		136.1	150.0	146.7	147.6	148.6	151.4	152.1	151.6	151.5	151.3	151.3	153.7	155.1	.9	4.9
FINAL PRODUCTS		101.4	148.4	145.7	145.9	146.9	149.9	150.4	149.9	150.2	149.9	149.6	151.8	153.0	.8	4.6
CONSUMER GOODS		67.4	157.2	154.5	154.5	155.8	158.9	159.0	158.9	159.1	158.4	158.3	160.3	161.9	1.0	4.4
EQUIPMENT		34.0	126.0	123.2	124.2	124.6	126.4	128.6	126.7	127.1	128.3	127.5	130.0	130.5	.3	5.2
INTERMEDIATE PRODUCTS		34.7	154.8	149.7	152.7	153.3	156.2	157.0	156.9	155.8	155.8	156.1	159.0	161.3	1.4	5.8
MATERIALS		424.3	134.6	131.9	126.8	134.1	138.5	139.1	138.2	140.1	138.8	139.9	138.6	138.2	-.3	4.4
DURABLE		237.7	133.5	125.6	128.2	132.1	135.8	137.9	136.5	137.4	137.3	138.1	138.4	138.1	-.2	7.9
NONDURABLE		133.0	136.5	133.6	133.6	136.0	137.8	138.8	137.2	138.3	137.7	138.8	139.8	140.9	.8	5.3
ENERGY, EX. ERDA		23.8	158.6	161.6	142.5	165.9	160.8	166.5	158.7	157.8	162.5	169.8	167.3	165.0	-1.4	13.9
<u>MAJOR INDUSTRY DIVISIONS</u>																
MINING	10-14	34.7	161.8	139.3	149.8	164.1	164.5	169.1	165.4	163.8	168.0	168.9	170.3	171.4	.6	15.3
MANUFACTURING		519.2	137.2	135.4	131.4	136.0	140.4	140.8	140.0	141.9	139.9	141.3	141.2	140.9	-.2	3.9
DURABLE	19, 24-25, 32-39	254.1	135.4	131.0	131.0	133.9	137.4	139.2	137.8	138.6	138.2	139.1	140.4	140.3	-.1	7.1
NONDURABLE	20-23, 26-31	265.1	138.8	139.7	131.8	138.1	143.0	142.4	142.8	144.4	141.6	143.8	141.8	141.6	-.2	1.0
UTILITIES, OWN USE	491, 21	6.5	140.1	136.3												
<u>INDUSTRY GROUPS AND SERIES</u>																
<u>METAL MINING</u>																
IRON ORE	101	5.0	174.0	53.6	159.9	173.4	181.9	181.0	183.7	184.3	181.0	182.2	179.7	181.8	1.2	23.9
COPPER ORE	102	3.0	152.0	150.0	153.3	154.9	150.5	149.4	154.1	146.0	149.6	151.0	147.6	151.0	2.3	-2.1
COAL	11, 21	5.9	155.4	172.1	104.8	168.3	166.5	188.3	164.1	162.2	179.6	192.6	192.6	193.4	.4	75.3
<u>OIL AND GAS EXTRACTION</u>																
CRUDE OIL AND NAT. GAS	131	8.9	189.4	187.0	189.6	188.3	189.8	189.9	189.9	189.9	190.9	187.2	191.5	188.6	-1.5	-6
NATURAL GAS LIQUIDS	132	2.5	122.7	123.2	123.4	123.2	122.3	122.0	120.5	122.8	123.6	121.2	121.1	119.4	-1.4	-2.6
<u>STONE AND EARTH MINERALS</u>																
CRUSHED STONE	142	1.5	156.7	157.4	151.5	154.9	157.6	162.0	156.8	161.8	161.0	159.0	166.1	174.9	5.3	15.6
SAND AND GRAVEL	144	1.1	138.9	133.0	139.5	137.0	139.5	139.6	137.9	143.2	138.2	138.6	142.1	144.7	1.9	.9
CHEMICAL MINERALS	147	3.4	156.7	152.5	154.4	156.9	157.4	158.4	158.3	155.5	157.5	158.4	159.3	160.4	.7	4.7
ORDNANCE	19	4.1	103.8	100.7	104.2	102.4	105.0	103.8	105.6	102.2	102.2	103.4	105.9	103.8	-2.0	-1.4
<u>FOODS</u>																
MEAT PRODUCTS	201	4.2	165.7	160.8	163.9	165.7	166.7	166.5	167.4	167.8	166.3	165.5	167.6	172.2	2.8	5.4
DAIRY PRODUCTS	202	4.1	132.5	131.8	132.4	131.9	131.7	134.1	132.3	132.3	134.5	131.6	136.3	136.6	.2	2.8
CANNED AND FROZEN FOODS	203	3.2	177.6	180.3	177.8	176.7	176.9	179.3	177.3	177.6	175.5	178.9	183.5	181.5	-1.1	1.9
GRAIN MILL PRODUCTS	204	4.8	144.2	141.7	142.9	145.0	144.6	144.4	144.7	145.3	146.1	142.5	144.6	145.9	.9	3.3
BAKERY PRODUCTS	205	1.8	133.0	131.1	131.8	132.2	134.0	134.1	134.2	134.8	134.5	132.1	135.7	136.9	.9	4.2
SUGAR	206	1.2	210.0	184.9	184.0	226.0	242.2	210.3	242.1	248.3	218.2	204.4	208.3	212.8	2.2	26.9
CONFECTIONERY	207	1.0	132.6	131.4	138.6	129.4	129.2	134.6	127.0	129.3	132.6	134.5	136.7	149.2	9.2	6.2
BEVERAGES	208	2.4	180.0	169.1	173.3	179.1	183.0	183.7	181.9	184.7	183.7	183.5	183.8	185.0	.6	7.4
MISC. FOOD PRODUCTS	209	4.1	133.8	125.1	128.3	133.5	137.1	135.9	137.1	137.6	136.7	134.5	136.4	135.5	-6	7.2
<u>TOBACCO PRODUCTS</u>																
TOBACCO	21	.9	131.6	132.5	131.8	136.0	130.4	128.8	127.8	129.8	128.6	128.1	129.8	134.7	3.8	2.0
<u>TEXTILE MILL PRODUCTS</u>																
FABRICS	221-4	11.7	100.6	105.7	97.7	100.2	102.4	102.1	101.4	103.7	102.3	100.4	103.8	104.1	.3	5.8
KNIT GOODS	225	1.7	164.8	171.6	164.5	165.3	164.1	164.1	164.0	167.2	165.6	162.5	164.1	165.1	.6	-5
FABRIC FINISHING	226	1.5	146.3	133.1	139.8	145.6	149.1	150.8	147.9	151.4	151.5	151.7	149.2	150.1	.6	10.9
YARN AND THREAD	228	3.9	158.0	149.5	152.4	159.4	160.4	159.2	160.7	160.5	159.8	157.3	160.5	162.1	1.0	7.5
MISC. TEXTILES	229	1.4	152.6	155.4	153.3	149.6	151.2	156.8	148.2	155.0	154.9	157.8	157.7	157.5	-1.1	1.9
<u>APPAREL PRODUCTS</u>																
MEN'S OUTERWEAR	231, 2	1.0	147.1	147.3	148.1	145.0	149.2	146.2	150.0	148.2	144.4	145.4	148.6	151.6	2.0	2.0
WOMEN'S OUTERWEAR	233	1.0	210.8	206.5	213.2	206.7	214.7	208.6	215.9	215.6	207.0	203.0	215.7	217.2	.7	.9
<u>LUMBER AND PRODUCTS</u>																
LUMBER	242	3.9	176.7	169.3	173.1	174.0	179.0	180.9	178.7	178.4	177.5	179.6	185.7	182.6	-1.7	8.0
MILLWORK AND PLYWOOD	243	2.2	186.0	180.6	179.4	183.7	189.2	192.3	188.3	190.4	192.6	189.5	194.9	193.8	-5	8.2
<u>FURNITURE AND FIXTURES</u>																
HOME FURNITURE	251	1.7	182.8	179.2	180.9	180.8	186.7	182.8	185.9	188.6	184.5	181.7	182.3	182.7	.2	2.5
<u>PAPER AND PRODUCTS</u>																
WOOD PULP	261	3.5	123.2	126.5	124.4	125.7	121.6	121.1	123.1	120.0	118.1	122.3	122.9	121.1	-1.5	-2.6
PAPER	262	24.5	119.0	121.1	119.3	119.0	119.2	118.5	118.4	120.3	118.4	119.5	117.7	117.0	-5	-3.2
PAPERBOARD	263	14.8	142.3	140.9	139.0	141.6	142.4	146.4	141.8	142.5	146.3	147.4	145.5	145.3	-.2	5.7
CONVERTED PAPER	264	2.5	138.2	135.1	135.9	136.7	139.6	140.5	140.4	137.7	139.8	140.7	141.0	144.2	2.2	6.8
PAPERBOARD CONTAINERS	265	2.3	146.2	142.6	143.6	145.7	147.6	148.1	146.5	147.1	146.7	147.2	150.5	150.0	-.3	2.7
BUILDING PAPER AND BOARD	266	1.4	155.6	152.4	154.4	156.7	156.5	155.2	156.5	156.1	154.0	152.6	158.9	157.7	-8	3.1
<u>PRINTING AND PUBLISHING</u>																
NEWSPAPERS	271	5.8	151.6	148.1	152.3	150.7	151.3	152.3	150.5	151.6	150.0	151.7	155.3	160.3	3.2	4.4
COMMERCIAL PRINTING	275	2.4	160.8	138.1	140.0	139.5	135.7	134.5	133.3	135.0	132.1	132.9	138.4	141.6	2.3	.3

P--PRELIMINARY

NOT SEASONALLY ADJUSTED INDEXES, 1967 = 100

SERIES	SIC (1967)	BIL. KWH. 1967	1978 AVG.	1977					1978					1979		PER CENT CH. FROM PREV.	
				Q 4	Q 1	Q 2	Q 3	Q 4	AUG	SEP	OCT	NOV	DEC	JAN	(P)	MO. (P)	YR. (P)
TOTAL		560.4	138.4	136.7	130.5	138.7	140.9	143.6	141.5	143.3	145.9	144.2	140.7	140.7	.1	4.5	
MAJOR MARKET GROUPINGS																	
PRODUCTS, TOTAL		136.1	150.0	147.7	142.1	148.5	155.9	153.4	156.1	159.5	157.5	154.3	148.4	147.2	-8	4.9	
FINAL PRODUCTS		101.4	148.4	146.4	140.2	146.6	155.2	151.6	155.0	159.4	156.2	152.5	146.0	144.9	-8	4.6	
CONSUMER GOODS		67.4	157.2	155.6	148.0	155.2	165.0	160.7	165.1	169.3	165.5	161.6	154.8	153.3	-1.0	4.4	
EQUIPMENT		34.0	126.0	123.0	120.5	124.6	130.3	128.4	129.2	134.1	132.6	129.1	123.5	123.4	-1.1	5.2	
INTERMEDIATE PRODUCTS		34.7	154.8	151.7	147.9	154.3	158.1	159.0	159.6	160.0	161.5	159.7	157.5	154.0	-1.1	5.8	
MATERIALS		424.3	134.6	133.1	126.6	135.4	136.0	140.3	136.7	138.0	142.0	140.9	138.1	138.6	.4	4.4	
DURABLE		237.7	133.5	125.4	127.9	134.6	133.6	137.7	134.1	135.3	138.9	137.4	136.9	137.9	.8	7.9	
NONDURABLE		133.0	136.5	134.6	130.8	137.0	138.6	139.8	140.4	139.8	141.2	140.4	137.7	137.9	.2	5.3	
ENERGY, EX. ERDA		23.8	158.6	161.4	150.8	163.7	153.4	166.5	153.2	151.8	156.8	168.1	174.7	181.0	3.6	13.9	
MAJOR INDUSTRY DIVISIONS																	
MINING	10-14	34.7	161.8	140.2	150.3	166.4	160.5	170.2	160.6	163.5	168.7	170.1	171.7	174.3	1.5	15.3	
MANUFACTURING		519.2	137.2	136.6	129.3	137.1	140.1	142.1	140.8	142.7	144.8	142.7	138.8	138.5	-2.2	3.9	
DURABLE	19, 24-25, 32-39	254.1	135.4	131.1	129.8	135.8	136.6	139.5	136.9	139.1	141.3	139.6	137.5	137.7	.1	7.1	
NONDURABLE	20-23, 26-31	265.1	138.8	141.8	129.0	138.4	143.5	144.6	144.5	146.1	148.1	145.7	140.0	139.3	-5	1.0	
UTILITIES, DMN USE	491,2	6.5	140.1	138.1													
INDUSTRY GROUPS AND SERIES																	
METAL MINING	10	9.9	161.3	95.1	154.2	166.2	160.1	164.6	158.8	163.0	165.8	163.8	164.3	168.6	2.6	12.2	
IRON ORE	101	5.0	174.0	53.8	158.6	177.7	178.0	181.6	176.4	180.6	183.2	180.9	180.8	183.8	1.7	23.9	
COPPER ORE	102	3.0	152.0	150.4	155.7	160.5	142.1	149.8	141.3	146.0	151.9	148.0	149.4	157.4	5.3	-2.1	
COAL	11,2	5.9	155.4	171.9	114.4	171.6	147.0	188.6	153.2	152.0	175.7	191.3	198.8	205.5	3.4	75.3	
OIL AND GAS EXTRACTION	13	11.9	171.8	170.2	171.6	170.6	172.6	172.5	170.3	173.9	172.4	171.4	173.8	176.7	1.7	-5	
CRUDE OIL AND NAT. GAS	131	8.9	189.4	187.9	190.6	187.5	188.6	190.8	185.8	191.0	189.7	189.3	193.2	197.4	2.2	-6	
NATURAL GAS LIQUIDS	132	2.5	122.7	123.3	120.0	122.2	126.5	122.0	125.2	126.4	125.0	121.9	119.2	118.8	-3	-2.6	
STONE AND EARTH MINERALS	14	6.9	153.3	152.2	142.8	155.3	155.0	160.0	155.7	158.7	162.0	160.7	157.3	152.4	-3.1	6.4	
CRUSHED STONE	142	1.5	156.7	166.6	126.6	162.1	167.0	171.3	168.1	171.5	175.6	176.2	161.3	145.3	-10.4	15.6	
SAND AND GRAVEL	144	1.1	138.9	141.2	118.5	141.7	146.9	148.3	146.4	151.4	151.6	151.5	141.8	121.6	-14.3	.9	
CHEMICAL MINERALS	147	3.4	156.7	154.7	153.7	158.0	154.5	160.7	155.4	158.2	161.1	160.3	161.7	161.7	.7	4.7	
ORDNANCE	19	4.1	103.8	100.3	100.0	102.0	109.8	103.5	112.8	107.7	105.7	103.6	101.2	98.6	-2.6	-1.4	
FOODS	20	26.8	151.7	150.2	140.2	147.0	162.3	157.4	163.3	165.7	162.6	157.7	151.9	150.9	-7	6.2	
MEAT PRODUCTS	201	4.2	165.7	161.7	149.5	162.5	183.4	167.4	187.6	181.9	174.6	167.7	160.1	158.8	-8	5.4	
DAIRY PRODUCTS	202	4.1	132.5	127.1	118.9	133.1	148.6	129.3	149.4	147.3	137.0	127.0	123.9	123.4	-4	2.8	
CANNED AND FROZEN FOODS	203	3.2	177.6	185.4	166.7	169.2	190.1	184.4	187.4	211.6	202.4	183.4	167.4	168.0	.4	1.9	
GRAIN MILL PRODUCTS	204	4.8	144.2	145.9	142.6	139.6	145.9	148.8	148.6	146.5	150.8	149.5	146.0	146.9	.6	3.3	
BAKERY PRODUCTS	205	1.8	133.0	130.6	122.5	129.7	146.4	133.6	146.8	149.1	139.7	132.1	128.9	128.6	-3	4.2	
SUGAR	206	1.2	210.0	250.7	210.0	168.1	177.6	284.4	181.1	181.0	252.3	289.5	311.3	327.7	5.3	26.9	
CONFECTIONERY	207	1.0	132.6	136.0	123.8	129.4	137.8	139.5	138.0	147.6	146.0	141.6	130.9	127.6	-2.6	6.2	
BEVERAGES	208	2.4	180.0	165.8	156.5	179.4	204.1	180.0	205.6	205.8	190.0	178.9	171.2	169.8	-8	7.4	
MISC. FOOD PRODUCTS	209	4.1	133.8	128.9	122.4	130.4	142.3	140.1	141.2	144.6	141.8	141.5	136.8	131.8	-3.6	7.2	
TOBACCO PRODUCTS	21	.9	131.6	137.1	122.0	128.2	142.6	133.4	144.3	155.2	143.5	134.4	122.3	117.0	-4.3	2.0	
TEXTILE MILL PRODUCTS	22	20.8	120.9	123.3	111.4	123.9	125.3	122.9	131.5	132.4	127.9	123.8	116.9	113.1	-3.2	5.5	
FABRICS	221-4	11.7	100.6	105.9	93.0	103.1	104.2	102.3	109.5	110.4	107.0	102.7	97.1	95.6	-1.6	5.8	
KNIT GOODS	225	1.7	164.8	170.0	147.9	169.2	179.4	162.7	186.9	189.6	175.1	164.3	148.8	140.8	-5.4	-5	
FABRIC FINISHING	226	1.5	146.3	134.3	138.7	149.8	144.6	152.3	150.1	154.9	154.0	156.5	146.4	143.0	-2.3	10.9	
YARN AND THREAD	228	3.9	158.0	150.5	142.0	163.9	165.7	160.3	175.0	173.8	164.9	162.6	153.2	143.1	-6.6	7.5	
MISC. TEXTILES	229	1.4	152.6	155.6	149.5	153.1	150.9	157.1	156.6	155.5	163.6	155.5	152.1	150.2	-1.2	1.9	
APPAREL PRODUCTS	23	3.6	165.0	159.9	145.0	160.0	193.9	161.1	201.0	201.4	176.3	158.6	148.4	144.9	-2.4	3.5	
MEN'S OUTERWEAR	231,2	1.0	147.1	145.1	128.3	142.7	173.7	143.9	180.3	183.0	158.3	143.4	129.9	125.2	-3.6	2.0	
WOMEN'S OUTERWEAR	233	1.0	210.8	197.1	184.3	204.4	255.5	199.1	267.7	260.9	222.1	192.7	182.4	181.4	-6	.9	
LUMBER AND PRODUCTS	24	8.0	188.5	178.3	186.6	189.4	184.7	193.4	184.8	189.3	192.3	195.2	192.8	191.7	-6	8.6	
LUMBER	242	3.9	176.7	170.5	175.7	176.3	172.4	182.2	173.9	176.8	182.1	182.4	182.0	181.8	-1	8.0	
MILLWORK AND PLYWOOD	243	2.2	186.0	178.8	183.9	188.3	181.5	190.3	181.9	186.3	187.2	194.4	189.4	194.0	2.4	8.2	
FURNITURE AND FIXTURES	25	2.5	159.5	155.5	156.9	157.0	161.5	162.8	167.0	169.9	166.2	163.0	159.3	157.6	-1.1	4.4	
HOME FURNITURE	251	1.7	182.8	180.2	184.0	181.2	182.0	183.9	189.5	193.2	187.6	183.9	180.1	179.7	-2	2.5	
PAPER AND PRODUCTS	26	49.1	124.2	124.6	122.8	126.0	123.8	124.3	126.4	123.9	128.4	125.1	119.4	123.6	3.6	.6	
WOOD PULP	261	3.5	123.2	127.1	123.5	126.4	121.3	121.6	121.3	121.5	124.3	121.4	119.0	121.0	1.7	-2.6	
PAPER	262	24.5	119.0	120.4	119.2	120.9	117.9	117.8	121.4	117.4	123.4	118.9	111.2	117.5	5.7	-3.2	
PAPERBOARD	263	14.8	142.3	139.3	140.5	144.6	139.4	144.7	142.8	140.1	148.9	147.0	138.2	146.9	6.3	5.7	
CONVERTED PAPER	264	2.5	138.2	137.4	130.8	137.9	141.2	143.0	142.2	143.5	148.3	142.2	138.3	136.7	-1.2	6.8	
PAPERBOARD CONTAINERS	265	2.3	146.2	141.9	141.1	147.2	149.2	147.4	151.6	151.4	150.8	147.9	143.6	141.3	-1.6	2.7	
BUILDING PAPER AND BOARD	266	1.4	155.6	153.3	149.6	157.5	159.4	156.0	166.7	156.1	157.4	159.3	151.3	155.0	2.5	3.1	
PRINTING AND PUBLISHING	27	5.8	151.6	146.3	136.0	148.0	172.0	150.4	172.9	173.9	159.3	149.1	142.9	141.7	-8	4.4	
NEWSPAPERS	271	1.7	137.3	135.3	123.8	137.5	156.0	131.8	154.9	153.9	138.5	130.1	126.7	127.1	.3	.3	
COMMERCIAL PRINTING	275	2.4	160.8	153.9	142.5	155.8	181.8	163.0	182.6	186.1	173.1	160.9	154.9	152.2	-1.7	8.0	

P--PRELIMINARY

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

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

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

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

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

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

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

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

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

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