

INDUSTRIAL PRODUCTION INDEXES

1980

September 1981

**DIVISION OF RESEARCH AND STATISTICS
BOARD OF GOVERNORS
OF THE
FEDERAL RESERVE SYSTEM**

Table 1A

INDUSTRIAL PRODUCTION: MARKET GROUPINGS

Seasonally adjusted, 1967=100

MAJOR MARKET GROUPINGS	1967	1980	1980											
	PRO- TION	AVG.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
TOTAL INDEX	100.00	147.0	153.0	152.8	152.1	148.2	143.8	141.4	140.3	142.2	144.4	146.6	149.2	150.4
PRODUCTS, TOTAL	60.71	146.7	150.1	150.2	149.8	146.5	143.4	142.5	142.9	144.5	145.6	147.1	148.7	149.4
FINAL PRODUCTS	47.82	145.3	147.2	147.7	147.5	145.4	142.9	142.2	142.4	143.3	144.1	145.7	147.4	147.8
CONSUMER GOODS	27.68	145.4	147.9	148.2	148.0	145.2	142.1	141.8	142.1	142.9	144.5	146.3	148.1	147.1
EQUIPMENT	20.14	145.2	146.1	147.1	146.8	145.8	144.0	142.8	142.8	143.7	143.6	144.8	146.5	148.8
INTERMEDIATE PRODUCTS	12.89	151.9	160.9	159.2	158.5	150.3	145.5	143.7	144.6	148.9	151.2	152.4	153.4	155.4
MATERIALS	39.29	147.6	157.6	156.9	155.7	150.9	144.2	139.8	136.4	138.8	142.5	145.9	150.1	152.2
CONSUMER GOODS														
DURABLE CONSUMER GOODS	7.89	136.7	143.0	145.1	144.3	136.5	128.8	128.1	128.0	128.3	133.5	139.0	143.4	141.3
AUTOMOTIVE PRODUCTS	2.83	132.8	132.6	143.2	140.9	126.9	118.6	121.3	127.5	120.7	131.2	140.9	146.1	139.0
AUTOS & UTILITY VEHICLES	2.03	110.1	110.8	126.3	121.9	102.9	92.8	96.4	103.5	93.1	106.5	119.2	125.4	116.2
AUTOS, TOTAL	1.90	103.6	100.2	118.7	114.8	97.7	88.5	95.0	102.0	90.1	98.9	109.7	115.4	105.9
AUTO PARTS & ALLIED GOODS	.80	190.4	187.7	186.1	189.0	188.0	184.2	184.7	188.5	190.9	193.9	196.1	198.6	197.0
HOME GOODS	5.06	138.9	148.8	146.2	146.2	141.8	134.5	131.8	128.3	132.6	134.7	137.8	141.8	142.6
APPLIANCES, AIR COND & TV	1.40	117.3	130.1	123.6	123.1	115.2	102.4	104.9	104.1	113.5	115.8	122.2	128.4	126.4
APPLIANCES AND TV	1.33	119.5	131.4	125.8	126.0	117.9	105.4	107.8	105.2	114.2	117.1	124.5	131.0	128.7
CARPETING AND FURNITURE	1.07	155.2	170.9	168.2	169.5	164.6	154.1	146.2	136.1	142.1	147.8	150.2	154.1	157.3
MISC. HOME GOODS	2.59	143.8	149.8	149.4	149.2	146.8	143.8	140.5	138.1	139.0	139.6	141.2	144.0	145.4
NONDURABLE CONSUMER GOODS	19.79	148.9	149.9	149.4	149.5	148.6	147.4	147.2	147.7	148.7	148.9	149.3	150.0	149.3
CLOTHING	4.29	126.0	129.6	129.3	130.3	128.2	126.6	125.6	122.2	125.6	123.5	122.5	125.5	121.0
CONSUMER STAPLES	15.50	155.2	155.5	155.0	154.8	154.3	153.1	153.3	154.7	155.2	156.0	156.7	156.7	157.2
CONSUMER FOODS & TOBACCO	8.33	147.4	147.0	146.4	146.6	146.3	146.5	147.0	147.1	146.3	147.5	148.9	149.1	149.0
NONFOOD STAPLES	7.17	164.3	165.5	164.9	164.4	163.6	160.9	160.5	163.7	165.4	165.8	165.8	165.6	166.6
CONSUMER CHEMICAL PROD	2.63	208.9	210.5	211.5	208.9	207.6	203.9	202.2	205.4	210.3	211.1	211.1	211.0	213.8
CONSUMER PAPER PRODUCTS	1.92	123.1	123.4	122.0	121.3	120.4	120.2	120.0	123.0	122.6	122.2	125.8	128.3	127.7
CONSUMER ENERGY PROD	2.62	149.8	151.1	149.6	151.5	151.1	147.5	148.4	151.6	151.8	152.2	149.6	147.3	147.8
RESIDENTIAL UTILITIES	1.45	167.9	162.9	162.1	168.4	170.1	164.9	166.4	172.7	173.8	173.8	169.6	166.0	166.2
EQUIPMENT														
BUSINESS EQUIPMENT	12.63	173.2	175.2	176.5	176.2	174.5	171.8	169.7	169.5	171.1	170.7	171.9	173.9	177.1
INDUSTRIAL EQUIPMENT	6.77	156.5	157.2	159.7	159.2	159.1	157.1	155.0	154.6	155.4	154.0	153.5	155.3	159.1
BUILDING AND MINING EQUIP	1.44	239.9	222.1	231.4	234.4	237.8	239.8	241.7	242.4	243.8	242.5	242.8	247.9	253.3
MANUFACTURING EQUIPMENT	3.85	128.2	133.1	134.4	133.4	131.9	129.1	125.5	125.8	125.5	124.0	123.1	124.3	128.5
POWER EQUIPMENT	1.47	148.9	156.7	155.5	152.9	153.0	149.0	147.4	144.0	145.9	145.9	145.4	145.3	146.5
CON'L, TRANSIT, FARM EQ	5.86	192.4	196.0	196.0	195.8	192.4	188.8	186.6	186.8	189.2	189.9	193.1	195.4	198.0
COMMERCIAL EQUIPMENT	3.26	237.8	238.2	238.7	240.4	235.6	233.5	228.8	228.3	235.6	237.6	242.0	244.8	248.5
TRANSIT EQUIPMENT	1.93	139.9	145.0	146.9	144.0	144.5	136.2	137.9	138.7	137.6	134.6	135.6	137.5	139.0
FARM EQUIPMENT	.67	123.1	137.1	129.9	127.7	120.0	122.8	121.4	123.0	112.3	116.8	120.9	121.9	122.4
DEFENSE AND SPACE EQUIPMENT	7.51	98.2	97.2	97.6	97.4	97.6	97.4	97.7	97.9	97.7	96.1	99.2	100.3	101.0
INTERMEDIATE PRODUCTS														
CONSTRUCTION SUPPLIES	6.42	140.9	156.7	154.4	152.9	139.4	132.0	128.7	128.4	134.1	138.5	140.6	142.6	145.2
BUSINESS SUPPLIES	6.47	162.8	165.0	164.0	164.1	161.2	158.8	158.5	160.7	163.6	163.7	164.1	164.2	165.5
COMMERCIAL ENERGY PRODUCTS	1.14	172.3	171.9	171.0	172.1	172.2	170.4	168.3	171.1	173.4	174.0	173.2	174.0	175.4
MATERIALS														
DURABLE GOODS MATERIALS	20.35	143.0	156.3	155.2	154.6	147.9	140.0	134.2	129.0	131.3	133.9	139.5	146.1	147.4
DURABLE CONSUMER PARTS	4.58	107.8	120.6	120.6	120.4	109.7	99.1	94.5	92.5	96.8	102.8	108.3	113.1	113.8
EQUIPMENT PARTS	5.44	187.2	199.8	198.9	198.9	195.0	190.8	183.2	177.0	176.3	176.6	179.1	184.2	186.1
DURABLE MATERIALS NEC	10.34	135.3	149.3	147.6	146.5	140.1	131.4	126.0	120.0	122.8	125.2	132.4	140.6	142.0
BASIC METAL MATERIALS	5.57	105.3	120.3	117.4	118.2	110.1	101.0	97.2	86.7	89.9	91.4	100.7	114.7	114.3
NONDURABLE GOODS MATERIALS	10.47	171.5	182.2	180.8	177.7	173.3	165.4	159.5	157.1	161.3	171.3	174.3	175.1	179.6
TEXTILE, PAPER, & CHEM MAT	7.62	177.7	191.1	189.1	185.7	180.0	171.2	163.2	159.6	164.8	176.5	180.8	182.4	187.8
TEXTILE MATERIALS	1.85	117.4	124.6	125.6	123.6	120.3	118.1	114.7	112.7	112.7	114.3	113.7	115.2	112.2
PAPER MATERIALS	1.62	145.6	150.8	146.1	146.2	141.6	141.7	140.4	140.2	142.6	148.0	148.6	149.5	151.1
CHEMICAL MATERIALS	4.15	217.2	236.6	234.3	228.9	221.7	206.5	193.8	188.1	196.7	215.3	223.4	225.2	235.9
CONTAINERS, NONDURABLE	1.70	165.9	171.8	171.5	168.4	168.5	158.1	157.9	159.1	160.0	169.7	168.9	166.5	169.9
NONDURABLE MATERIALS NEC	1.14	138.2	138.2	138.6	138.1	135.3	137.3	137.3	137.9	139.7	139.0	138.4	139.2	139.7
ENERGY MATERIALS	8.48	129.3	130.4	131.6	131.0	130.3	128.2	128.9	128.4	129.3	127.6	126.2	128.9	129.6
PRIMARY ENERGY	4.65	115.2	115.2	114.2	115.8	116.1	115.6	116.0	114.8	115.4	114.1	113.9	114.4	116.0
CONVERTED FUEL MATERIALS	3.82	146.5	148.8	152.7	149.5	147.4	143.5	144.5	145.0	146.2	144.2	141.3	146.5	146.1
SUPPLEMENTARY GROUPS														
HOME GOODS AND CLOTHING	9.35	133.0	140.0	138.5	138.9	135.6	130.9	128.9	125.5	129.4	129.6	130.8	134.3	132.7
ENERGY, TOTAL	12.23	137.7	138.7	139.1	139.2	138.6	136.3	136.7	137.3	138.2	137.2	135.6	137.0	137.7
PRODUCTS	3.76	156.6	157.4	156.1	157.7	157.5	154.4	154.4	157.5	158.3	158.8	156.8	155.4	156.1
MATERIALS	8.48	129.3	130.4	131.6	131.0	130.3	128.2	128.9	128.4	129.3	127.6	126.2	128.9	129.6

Table 1B
INDUSTRIAL PRODUCTION: MARKET GROUPINGS
 Not seasonally adjusted, 1967=100

MAJOR MARKET GROUPINGS	1967													
	PRO- POR- TION	1980 AVG.	1980 JAN.	1980 FEB.	1980 MAR.	1980 APR.	1980 MAY	1980 JUNE	1980 JULY	1980 AUG.	1980 SEP.	1980 OCT.	1980 NOV.	1980 DEC.
TOTAL INDEX	100.00	147.0	148.1	152.7	153.1	147.7	143.2	144.8	137.2	143.7	148.9	150.0	149.3	145.8
PRODUCTS, TOTAL	60.71	146.7	144.1	149.3	149.7	144.7	141.9	146.2	140.7	147.4	152.6	151.7	148.7	143.5
FINAL PRODUCTS	47.82	145.3	142.2	147.6	147.9	143.5	141.0	145.7	139.7	145.6	151.3	150.2	147.4	141.9
CONSUMER GOODS	27.68	145.4	141.9	147.6	148.7	143.2	139.5	145.8	138.3	147.5	154.1	152.5	147.4	138.1
EQUIPMENT	20.14	145.2	142.5	147.6	146.8	143.9	143.0	145.6	141.6	143.0	147.4	147.1	147.3	147.0
INTERMEDIATE PRODUCTS	12.89	151.9	151.3	155.6	156.6	149.1	145.1	148.0	144.7	153.8	157.7	157.4	153.6	149.7
MATERIALS	39.29	147.6	154.2	158.0	158.3	152.4	145.3	142.9	131.7	138.1	143.2	147.3	150.3	149.6
CONSUMER GOODS														
DURABLE CONSUMER GOODS	7.89	136.7	137.1	148.0	149.1	140.1	130.5	133.1	115.6	122.0	139.3	148.4	144.9	132.1
AUTOMOTIVE PRODUCTS	2.83	132.8	129.7	149.5	151.6	136.1	124.3	129.3	106.4	101.5	136.3	154.3	149.2	125.2
AUTOS & UTILITY VEHICLES	2.03	110.1	107.9	133.6	136.2	115.8	103.8	109.0	79.0	65.1	110.2	134.5	128.9	97.0
AUTOS, TOTAL	1.90	103.6	97.9	125.4	128.8	110.3	99.9	107.6	76.3	61.6	103.4	124.4	119.3	88.6
AUTO PARTS & ALLIED GOODS	.80	190.4	185.1	189.8	190.7	187.8	176.5	181.0	175.8	194.0	202.4	204.5	200.6	197.0
HOME GOODS	5.06	138.9	141.2	147.2	147.7	142.3	134.0	135.2	120.8	133.5	141.0	145.1	142.5	136.0
APPLIANCES, AIR COND & TV	1.40	117.3	123.2	130.0	129.9	122.8	106.4	110.7	92.0	105.7	121.5	134.0	124.0	106.8
APPLIANCES AND TV	1.33	119.5	123.9	130.7	131.0	123.8	108.6	113.2	93.7	109.3	125.3	138.2	127.7	109.0
CARPETING AND FURNITURE	1.07	155.2	164.1	171.6	173.5	163.7	150.9	146.7	122.0	143.2	155.3	157.6	158.2	159.7
MISC. HOME GOODS	2.59	143.8	141.5	146.4	146.6	144.1	142.1	143.7	135.9	144.5	145.6	146.0	146.0	143.7
NONDURABLE CONSUMER GOODS	19.79	148.9	143.8	147.5	148.6	144.5	143.1	150.9	147.3	157.7	160.0	154.1	148.5	140.5
CLOTHING	4.29	126.0	120.9	133.7	138.2	131.4	126.4	134.2	108.2	132.4	130.9	127.9	124.7	102.7
CONSUMER STAPLES	15.50	155.2	150.1	151.3	151.4	148.1	147.8	155.5	158.2	164.6	168.0	161.3	155.1	151.0
CONSUMER FOODS & TOBACCO	8.33	147.4	139.6	141.6	144.3	142.2	143.4	150.1	146.0	153.9	159.9	157.1	149.6	141.0
NONFOOD STAPLES	7.17	164.3	162.3	162.7	159.7	155.1	152.8	161.9	172.3	177.2	177.5	166.3	161.4	162.6
CONSUMER CHEMICAL PROD.	2.63	208.9	195.7	199.6	195.9	199.3	200.0	211.3	217.7	221.7	230.8	218.8	209.1	202.9
CONSUMER PAPER PRODUCTS	1.92	123.1	116.0	117.3	116.9	116.8	116.9	121.9	128.3	133.0	131.7	130.3	126.8	120.9
CONSUMER ENERGY PROD.	2.62	149.8	162.7	158.8	150.9	138.8	131.9	141.6	159.0	164.9	157.6	140.0	138.9	152.7
RESIDENTIAL UTILITIES	1.45	167.9	182.1	178.9	170.4	152.3	139.7	152.5	185.1	197.8	183.4	155.2	148.2	169.3
EQUIPMENT	12.63	173.2	169.7	177.2	176.0	171.8	170.0	173.4	168.2	170.4	176.9	176.0	175.1	173.5
BUSINESS EQUIPMENT	6.77	156.5	153.3	160.5	159.0	156.9	154.8	156.6	152.1	153.7	159.3	156.9	157.8	157.6
INDUSTRIAL EQUIPMENT	1.44	239.9	217.5	232.5	232.1	233.2	234.8	239.9	237.7	240.9	250.7	248.6	254.9	256.3
BUILDING AND MINING EQUIP.	3.85	128.2	129.3	136.0	133.9	130.8	127.4	127.7	123.5	125.2	128.4	125.2	125.5	125.3
MANUFACTURING EQUIPMENT	1.47	148.9	153.1	154.1	153.0	150.1	148.1	150.4	142.8	142.6	150.7	149.6	147.1	145.1
POWER EQUIPMENT	5.86	192.4	188.7	196.5	195.6	189.1	187.6	192.8	186.8	189.6	197.1	198.0	195.1	192.0
COM'L, TRANSIT, FARM EQ	3.26	237.8	226.5	234.1	233.2	229.6	229.3	236.2	235.9	244.3	250.2	248.9	244.9	240.1
COMMERCIAL EQUIPMENT	1.93	139.9	143.9	153.4	151.6	144.3	138.9	142.1	130.4	128.2	133.0	138.1	138.3	136.3
TRANSIT EQUIPMENT	.67	123.1	134.3	137.5	139.4	127.0	124.9	128.1	110.4	100.4	123.9	123.6	116.3	118.2
FARM EQUIPMENT	7.51	98.2	96.9	97.8	97.8	96.9	97.5	98.8	96.8	97.0	97.9	98.5	100.6	102.3
DEFENSE AND SPACE EQUIPMENT	1.45	172.3	171.0	166.6	165.9	159.6	159.6	170.8	186.5	190.9	189.4	172.9	164.5	170.0
INTERMEDIATE PRODUCTS														
CONSTRUCTION SUPPLIES	6.42	140.9	146.2	151.8	152.3	141.6	134.4	133.8	125.8	135.4	142.2	145.2	143.6	138.9
BUSINESS SUPPLIES	6.47	162.8	156.5	159.3	160.8	156.6	155.7	162.1	163.4	172.1	173.1	169.6	163.4	160.5
COMMERCIAL ENERGY PRODUCTS	1.14	172.3	171.0	166.6	165.9	159.6	159.6	170.8	186.5	190.9	189.4	172.9	164.5	170.0
MATERIALS														
DURABLE GOODS MATERIALS	20.35	143.0	150.7	155.1	157.1	150.3	142.4	137.8	124.5	128.8	135.2	141.7	146.3	145.9
DURABLE CONSUMER PARTS	4.58	107.8	118.8	120.8	121.0	110.7	100.8	95.6	87.2	92.0	103.2	111.5	115.4	116.1
EQUIPMENT PARTS	5.44	187.2	197.6	198.7	199.3	194.8	190.6	185.1	172.4	173.7	177.7	180.7	185.9	189.5
DURABLE MATERIALS NEC	10.34	135.3	140.1	147.3	150.9	144.3	135.4	131.6	115.8	121.5	127.0	134.6	139.2	136.1
BASIC METAL MATERIALS	5.57	105.3	115.5	118.7	126.5	117.9	108.0	103.0	81.0	85.1	90.0	100.2	109.8	107.9
NONDURABLE GOODS MATERIALS	10.47	171.5	178.0	182.2	181.2	176.3	167.2	163.8	149.4	161.8	171.7	177.7	176.0	172.4
TEXTILE, PAPER, & CHEM MAT	7.62	177.7	185.9	190.3	189.4	184.4	173.9	168.4	152.0	165.5	177.0	182.1	183.0	180.7
TEXTILE MATERIALS	1.85	117.4	120.1	125.8	125.5	121.3	121.9	122.2	97.5	117.1	117.8	120.2	115.9	103.8
PAPER MATERIALS	1.62	145.6	150.1	151.2	153.5	146.8	145.2	145.7	130.2	143.5	145.1	149.4	149.3	137.2
CHEMICAL MATERIALS	4.15	217.2	229.3	234.4	231.9	227.2	208.4	197.9	184.9	195.8	215.9	222.6	226.1	232.1
CONTAINERS, NONDURABLE	1.70	165.9	168.0	174.8	174.3	170.2	159.6	163.8	154.3	164.6	171.7	177.4	160.7	150.9
NONDURABLE MATERIALS NEC	1.14	138.2	140.6	139.0	136.7	131.5	133.9	132.9	125.0	132.5	136.2	148.8	152.3	149.2
ENERGY MATERIALS	8.48	129.3	133.4	135.3	132.8	127.9	125.5	129.4	127.2	131.4	127.2	123.1	127.9	130.5
PRIMARY ENERGY	4.65	115.2	114.0	115.1	117.0	117.3	116.9	117.7	110.8	115.2	114.5	113.9	114.4	115.3
CONVERTED FUEL MATERIALS	3.82	146.5	157.0	159.8	152.1	140.8	135.9	143.5	147.2	151.1	142.6	134.4	144.3	149.0
SUPPLEMENTARY GROUPS														
HOME GOODS AND CLOTHING	9.35	133.0	131.9	141.0	143.3	137.3	130.5	134.7	115.0	133.1	136.4	137.2	134.3	120.7
ENERGY, TOTAL	12.23	137.7	143.2	143.2	139.7	133.2	130.0	135.8	139.5	144.1	139.5	131.4	133.7	138.9
PRODUCTS	3.76	156.6	165.2	161.2	155.4	145.1	140.3	150.4	167.4	172.8	167.3	150.0	146.7	157.9
MATERIALS	8.48	129.3	133.4	135.3	132.8	127.9	125.5	129.4	127.2	131.4	127.2	123.1	127.9	130.5

Table 2A
INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS
 Seasonally adjusted, 1967=100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967													
		PRO- TION	1980 AVG.	1980 JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
MINING AND UTILITIES		12.05	149.5	147.5	148.7	151.1	149.0	148.1	148.9	149.0	149.9	149.5	148.9	151.5	152.4
MINING		6.36	132.7	133.2	132.9	133.1	132.7	132.7	132.6	130.6	129.6	130.7	132.1	135.1	138.6
UTILITIES		5.69	168.3	163.4	166.3	171.1	167.2	165.2	167.1	169.6	172.6	170.6	167.7	169.9	167.9
MANUFACTURING		87.95	146.7	153.5	153.1	152.0	148.0	143.5	140.2	139.3	141.2	143.9	146.5	148.9	150.4
NONDURABLE		35.97	161.2	166.0	165.8	164.3	161.6	158.1	155.1	154.6	157.6	161.0	162.1	163.0	165.0
DURABLE		51.98	136.7	144.8	144.4	143.5	138.5	133.3	129.9	128.7	129.9	132.1	135.7	139.2	140.3
MINING															
METAL MINING	10	.51	109.2	136.6	135.6	133.5	123.5	121.8	121.0	83.1	71.2	72.8	90.8	107.2	122.2
COAL	11,12	.69	146.7	146.0	137.2	138.8	143.5	145.2	150.1	149.9	153.0	149.1	149.7	151.7	153.5
OIL AND GAS EXTRACTION	13	4.40	133.5	129.9	130.4	131.5	131.7	132.6	132.3	133.5	133.4	134.7	134.5	136.1	136.4
STONE AND EARTH MINERALS	14	.75	132.8	143.9	141.7	137.2	134.5	129.8	126.4	127.9	125.3	129.7	129.8	132.7	137.4
NONDURABLE MANUFACTURES															
FOODS	20	8.75	149.6	149.9	149.4	148.6	148.1	148.6	149.3	149.1	148.7	149.9	151.1	151.6	151.0
TOBACCO PRODUCTS	21	.67	119.9	118.7	120.0	121.2	121.4	116.9	115.7	119.6	118.7	119.7	123.6	123.5	118.6
TEXTILE MILL PRODUCTS	22	2.68	138.6	148.1	148.0	144.9	142.4	138.6	136.0	131.3	134.8	133.2	134.3	136.4	135.6
APPAREL PRODUCTS	23	3.31	127.0	131.7	130.7	133.5	130.0	128.7	126.1	123.6	125.5	123.5	121.7	125.7	122.7
PAPER AND PRODUCTS	26	3.21	151.1	158.3	153.0	153.7	148.0	145.8	145.6	143.6	146.8	153.6	153.4	154.3	157.0
PRINTING AND PUBLISHING	27	4.72	139.6	138.5	139.9	139.1	136.7	135.6	135.3	139.2	141.7	140.9	142.5	142.1	143.0
CHEMICALS AND PRODUCTS	28	7.74	207.1	218.2	217.3	212.9	208.7	198.9	191.5	190.8	198.2	208.2	209.4	211.7	220.5
PETROLEUM PRODUCTS	29	1.79	132.9	146.1	143.6	140.0	136.1	131.5	130.5	127.9	124.4	129.0	128.0	128.6	131.3
RUBBER & PLASTICS PRODUCTS	30	2.24	255.7	268.0	267.1	266.2	261.3	246.7	240.4	241.0	243.3	254.4	258.8	258.9	262.3
LEATHER AND PRODUCTS	31	.86	70.1	73.2	72.5	72.6	71.1	70.1	68.7	67.8	67.9	67.5	70.1	71.0	67.9
DURABLE MANUFACTURES															
ORDNANCE, PVT & GOVT	19,91	3.64	78.5	77.3	77.7	78.0	78.4	78.7	78.5	77.8	78.1	78.9	79.4	79.7	79.0
LUMBER AND PRODUCTS	24	1.04	119.3	131.7	130.9	126.6	104.4	104.9	110.2	113.8	120.2	121.6	121.4	123.7	123.0
FURNITURE AND FIXTURES	25	1.37	150.0	160.8	158.8	161.7	158.3	149.8	143.2	138.3	140.8	144.5	146.7	147.6	148.6
CLAY, GLASS, STONE PROD	32	2.74	147.5	164.2	163.5	157.9	149.0	140.7	135.2	135.1	137.1	143.8	146.2	146.8	153.0
PRIMARY METALS	33	6.57	102.3	117.7	113.6	115.2	107.0	96.8	91.3	83.3	86.9	90.6	99.6	113.2	111.5
IRON AND STEEL	331,2	4.21	92.4	108.9	105.6	108.1	97.8	85.1	76.4	68.7	76.0	80.4	92.0	107.6	103.0
FABRICATED METAL PROD	34	5.93	134.1	144.8	145.3	144.8	140.6	132.2	125.0	122.6	124.8	128.8	131.7	132.3	135.7
NONELECTRICAL MACHINERY	35	9.15	162.8	167.1	167.0	166.5	163.2	162.1	158.3	159.1	159.6	154.5	160.9	162.9	160.9
ELECTRICAL MACHINERY	36	8.05	172.8	181.3	179.5	179.9	177.4	171.1	166.2	165.8	166.8	167.4	169.8	175.0	175.1
TRANSPORTATION EQUIP	37	9.27	116.9	122.0	126.0	123.9	116.0	110.0	110.0	110.3	108.5	113.3	118.3	121.8	120.4
MOTOR VEHICLES & PTS	371	4.50	119.0	127.0	134.6	130.1	116.2	106.7	106.8	107.0	104.1	113.7	123.2	129.2	125.7
AEROSPACE & MISC	372-9	4.77	114.9	117.3	118.0	118.1	115.7	113.1	113.0	113.5	112.7	112.8	115.7	114.9	115.4
INSTRUMENTS	38	2.11	171.1	175.7	174.7	173.1	173.8	171.2	169.2	167.5	168.6	168.1	169.6	170.0	171.9
MISCELLANEOUS MFRS	39	1.51	148.3	154.4	152.3	152.8	151.2	147.3	144.3	145.0	145.5	144.6	145.0	147.1	151.0
UTILITIES															
ELECTRIC		3.86	184.7	181.8	185.4	192.8	187.5	185.0	188.4	192.3	190.6	193.7	189.6	192.6	189.5

Table 3
INDUSTRIAL PRODUCTION: PERCENT CHANGES
 Based on seasonally adjusted indexes

	1980											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
CHANGE FROM PREVIOUS MONTH												
TOTAL INDEX	.3	-1	-5	-2.6	-3.0	-1.7	-8	1.4	1.5	1.5	1.8	.8
FINAL PRODUCTS	.0	.3	-1	-1.4	-1.7	-5	-1	.6	.6	1.1	1.2	-.3
CONSUMER GOODS	-5	.2	-1	-1.9	-2.1	-2	-2	.6	1.1	1.2	1.2	-7
DURABLE CONSUMER GOODS	-2.5	1.5	-6	-5.4	-5.6	-5	-1	.2	4.1	4.1	3.2	-1.5
NONDURABLE CONSUMER GOODS	.4	-.3	.1	-.6	-.8	-.1	.3	-.7	.1	.3	.5	-.5
BUSINESS EQUIPMENT	.6	.7	-.2	-1.0	-1.5	-1.2	-.1	.9	-.2	.7	1.2	1.8
INTERMEDIATE PRODUCTS	.8	-1.1	-.4	-5.2	-3.2	-1.2	.6	3.0	1.5	.8	.7	1.3
MATERIALS	.6	-.4	-.8	-3.1	-4.4	-3.1	-2.4	1.8	2.7	2.4	2.9	1.4
DURABLE GOODS MATERIALS	.3	-.7	-.4	-4.3	-5.3	-4.1	-3.9	1.8	2.0	4.2	4.7	-.9
NONDURABLE GOODS MATERIALS	1.1	-.8	-1.7	-2.5	-4.6	-3.6	-1.5	2.7	6.2	1.8	.5	2.6
MANUFACTURING	.2	-.3	-.7	-2.6	-3.0	-2.3	-.6	1.4	1.9	1.8	1.6	1.0
NONDURABLE	.4	-.1	-.9	-1.6	-2.2	-1.9	-.3	1.9	2.2	.7	-.6	1.2
DURABLE	.0	-.3	-.6	-3.5	-3.8	-2.6	-.9	.9	1.7	2.7	2.6	.8
MINING AND UTILITIES	-.5	.8	1.6	-1.4	-.6	.5	.1	.6	-.3	-.4	1.7	.6
CHANGE FROM SAME MONTH A YEAR AGO												
TOTAL INDEX	.7	.2	-.9	-1.9	-5.8	-7.6	-8.3	-6.5	-5.4	-4.0	-2.0	-1.4
FINAL PRODUCTS	.5	.4	-.7	.0	-3.3	-3.7	-3.4	-1.7	-2.2	-1.1	.2	.4
CONSUMER GOODS	-2.2	-2.4	-3.5	-2.7	-6.6	-6.8	-6.0	-3.9	-3.7	-2.5	-.7	-1.0
DURABLE CONSUMER GOODS	-11.3	-9.9	-11.9	-10.1	-19.8	-19.4	-18.4	-13.3	-12.4	-9.2	-4.1	-3.7
NONDURABLE CONSUMER GOODS	1.8	.9	.1	.2	-1.0	-1.4	-.9	-.2	-.1	.3	.7	.0
BUSINESS EQUIPMENT	4.2	4.3	3.0	3.4	.4	-.9	-1.1	-.3	-1.6	-.2	.8	1.7
INTERMEDIATE PRODUCTS	-.1	-1.3	-1.8	-6.1	-9.1	-10.6	-9.8	-7.7	-5.9	-5.1	-4.2	-2.6
MATERIALS	1.2	.5	-.8	-2.6	-7.6	-10.8	-13.3	-11.4	-9.0	-6.8	-3.9	-2.8
DURABLE GOODS MATERIALS	-1.3	-1.8	-3.0	-4.9	-11.4	-15.9	-19.5	-16.7	-15.1	-11.3	-6.2	-5.4
NONDURABLE GOODS MATERIALS	5.9	4.1	2.0	-.5	-5.3	-8.5	-10.5	-8.9	-3.7	-2.5	-1.9	-.3
MANUFACTURING	.3	-.3	-1.9	-2.6	-6.9	-9.1	-9.8	-7.7	-6.5	-4.7	-2.9	-1.8
NONDURABLE	2.7	1.8	.2	-.6	-3.4	-5.3	-6.2	-4.6	-2.7	-1.6	-1.2	-.2
DURABLE	-1.5	-1.9	-3.4	-4.2	-9.7	-12.0	-12.6	-10.0	-9.5	-7.1	-4.1	-3.1
MINING AND UTILITIES	2.1	3.2	4.9	3.4	3.3	4.3	4.1	3.6	3.4	2.2	2.7	2.8

Table 2B
INDUSTRIAL PRODUCTION: INDUSTRY GROUPINGS
 Not seasonally adjusted, 1967=100

MAJOR INDUSTRY GROUPINGS	SIC CODE	1967	1980													
		PRO- TION	PRO- AVG.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	
MINING AND UTILITIES																
MINING		12.05	149.5	152.4	152.9	150.7	144.2	141.8	147.9	150.7	156.0	151.4	144.9	148.0	153.1	
UTILITIES		6.36	132.7	130.1	131.2	132.8	133.1	133.6	134.0	127.0	130.2	132.1	133.8	136.8	137.9	
MANUFACTURING																
NONDURABLE		87.95	146.7	147.5	152.7	153.5	148.4	143.4	144.4	135.3	142.0	148.6	150.7	149.5	144.9	
DURABLE		35.97	161.2	158.3	163.6	164.7	160.9	156.8	160.1	151.0	162.2	168.3	168.1	164.0	156.5	
MINING																
METAL MINING	10	.51	109.2	126.0	126.1	129.0	124.0	127.3	129.5	83.8	74.8	78.3	93.0	104.3	114.0	
COAL	11,12	.69	146.7	131.6	137.3	146.5	152.7	151.6	159.1	124.6	156.8	153.4	151.8	151.0	143.6	
OIL AND GAS EXTRACTION	13	4.40	133.3	129.5	130.9	131.4	130.8	131.7	131.2	132.4	132.9	134.8	135.5	138.1	139.9	
STONE AND EARTH MINERALS	14	.75	132.8	135.2	130.6	131.0	135.1	133.0	130.2	126.4	127.6	133.1	135.9	138.4	137.5	
NONDURABLE MANUFACTURES																
FOODS	20	8.75	149.6	142.4	143.9	145.9	143.3	145.3	151.4	148.2	155.3	160.8	159.4	153.1	146.5	
TOBACCO PRODUCTS	21	.67	119.9	120.7	124.2	125.8	116.7	112.9	120.6	104.1	123.0	129.3	135.5	128.8	97.1	
TEXTILE MILL PRODUCTS	22	2.68	138.6	136.2	143.2	145.6	143.5	141.2	145.2	120.0	140.9	141.1	142.4	139.4	124.4	
APPAREL PRODUCTS	23	3.31	127.0	122.5	137.2	142.2	132.5	125.7	133.7	107.0	132.5	133.1	129.0	125.6	103.0	
PAPER AND PRODUCTS	26	3.21	151.1	155.0	158.2	161.1	153.4	148.2	151.3	133.5	147.4	151.0	158.4	153.4	142.3	
PRINTING AND PUBLISHING	27	4.72	139.6	125.9	130.5	131.8	131.3	133.3	139.8	146.3	154.0	153.6	149.7	142.7	136.4	
CHEMICALS AND PRODUCTS	28	7.74	207.1	207.6	212.1	212.1	210.4	200.5	198.6	192.5	200.6	214.3	213.2	211.0	211.7	
PETROLEUM PRODUCTS	29	1.79	132.9	142.7	139.5	134.1	130.8	129.1	133.1	130.9	128.1	131.9	127.7	131.9	134.9	
RUBBER & PLASTICS PRODUCTS	30	2.24	255.7	259.1	279.1	275.0	266.0	245.7	240.6	221.4	238.9	257.9	266.5	262.3	255.8	
LEATHER AND PRODUCTS	31	.86	70.1	72.5	74.7	75.8	71.5	71.8	71.3	57.8	68.8	69.1	72.7	70.7	64.4	
DURABLE MANUFACTURES																
ORDNANCE, PVT & GOVT	19,91	3.64	78.5	77.5	78.8	78.5	78.7	78.9	79.3	78.1	77.6	77.7	78.6	79.0	79.4	
LUMBER AND PRODUCTS	24	1.64	119.3	123.8	131.2	128.4	105.5	104.6	114.8	110.6	123.8	125.8	127.2	122.3	113.7	
FURNITURE AND FIXTURES	25	1.37	150.0	158.8	167.1	164.9	156.7	146.1	143.6	124.4	141.7	148.9	150.1	148.6	149.5	
CLAY, GLASS, STONE PROD	32	2.74	147.5	150.4	153.0	153.8	150.2	143.3	142.3	136.4	142.9	147.2	153.4	151.6	146.0	
PRIMARY METALS																
IRON AND STEEL	33,2	6.57	102.3	112.2	115.3	124.2	115.3	103.3	96.7	77.5	83.3	88.3	98.4	108.2	104.3	
FABRICATED METAL PROD	34	5.93	134.1	140.6	147.6	146.5	140.2	132.0	126.7	118.8	123.9	130.7	133.8	133.9	134.3	
NONELECTRICAL MACHINERY	35	9.15	162.8	160.8	167.9	166.4	162.2	159.7	162.2	158.2	159.8	166.4	164.5	163.2	162.4	
ELECTRICAL MACHINERY	36	8.05	172.8	177.9	180.1	180.1	175.7	169.9	169.2	159.2	165.2	171.9	175.3	175.2	173.6	
TRANSPORTATION EQUIP																
MOTOR VEHICLES & PTS	371	4.50	119.0	124.3	139.1	137.6	121.9	112.0	114.0	93.9	88.3	115.6	131.8	131.3	118.1	
AEROSPACE & MISC	372-9	4.77	114.9	115.8	117.7	119.5	116.2	114.1	114.4	110.4	110.2	113.0	114.1	116.1	117.1	
INSTRUMENTS	38	2.11	171.1	170.3	172.2	171.6	171.0	170.4	172.5	166.8	169.7	172.2	172.0	172.6	172.1	
MISCELLANEOUS MFRS	39	1.51	148.3	143.6	150.8	151.1	148.0	145.0	147.5	141.3	152.0	154.2	151.1	148.9	145.6	
UTILITIES																
ELECTRIC		3.88	189.7	195.4	194.9	188.5	170.5	165.9	186.8	208.0	218.5	201.5	177.3	179.0	189.7	

Table 4A
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES
 Seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1980	1980													
		PRO- POR- TION	AVG.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.		
METAL MINING	101	.51															
IRON ORE	101,61	.24	96.6	136.5	117.4	113.5	96.8	88.8	91.9	79.1	75.0	73.0	94.4	97.7	113.61		
NONFERROUS ORES	102-5,8,91	.27	120.4	138.8	135.7	139.5	135.9	135.8	138.8	93.9	74.3	83.8	99.9	124.7	132.81		
COPPER ORE	1021	.18	134.7	164.8	160.3	170.0	162.9	161.6	170.0	84.4	49.6	68.2	96.2	145.3	162.11		
LEAD AND ZINC ORES	1031	.03	89.0	96.1	89.8	86.9	87.3	95.4	93.2	92.0	85.8	84.4	92.5	82.6	82.11		
ANTHRACITE	111	.03	43.7	49.2	40.1	44.4	51.4	46.3	47.9	55.3	38.9	35.0	39.2	41.3	39.71		
BITUMINOUS COAL	121	.66	150.9	162.1	148.0	149.1	153.7	143.1	150.5	149.2	166.2	141.3	139.8	150.0	163.21		
OIL AND GAS EXTRACTION	131	4.40															
CRUDE OIL & NATURAL GAS	1311	3.61	97.9	99.6	98.9	100.0	99.6	98.4	96.9	96.8	95.7	97.2	96.8	96.7	98.61		
CRUDE OIL, TOTAL	13111	2.94	94.9	96.4	95.8	96.1	96.7	95.4	94.6	94.7	93.5	94.4	93.5	93.2	95.11		
ALASKA, CALIF. CRUDE	13112	.31	243.5	242.5	243.7	246.4	252.8	249.3	249.9	243.2	238.6	240.3	237.0	235.4	243.81		
TEXAS CRUDE	13113	1.07	86.9	88.8	87.7	88.2	88.1	87.5	86.7	86.5	85.7	86.0	86.0	85.7	85.81		
LA. AND OTHER CRUDE	13114	1.57	71.5	73.0	72.4	72.2	72.1	70.8	69.7	71.4	70.6	71.7	70.8	70.6	72.41		
NATURAL GAS	1312	.67	111.1	113.9	112.4	117.0	112.2	111.6	107.1	106.0	105.1	109.5	110.8	111.9	114.41		
NATURAL GAS LIQUIDS	1321	.30	102.7	111.1	110.1	102.4	105.8	103.2	101.9	99.4	98.8	101.2	96.5	101.4	100.91		
LP PROPANE	1322	.04	93.4	99.3	95.6	93.3	94.3	88.9	91.7	91.8	95.0	92.1	93.2	94.3	91.51		
LP MATERIALS	1323	.26	104.2	113.1	112.5	103.9	107.7	105.5	103.5	100.6	99.4	102.7	97.0	102.6	102.41		
OIL AND GAS DRILLING	1381	.50	405.8	354.2	370.0	380.8	389.7	404.3	403.4	415.9	420.5	422.4	425.5	439.5	440.91		
FOODS	201	8.75															
BEAT PRODUCTS	2011	1.17	123.1	124.9	121.8	119.9	129.2	133.1	127.8	124.9	116.8	118.8	121.7	117.4	123.31		
BEEF	20111	.40	106.6	105.2	103.0	101.2	107.9	110.4	107.3	106.7	105.2	106.3	110.1	106.5	109.81		
PORK	20112	.55	131.8	133.6	128.4	127.4	138.9	146.8	141.6	137.3	124.0	126.6	128.6	122.2	129.41		
MISC. MEATS	20113	.22	130.9	138.7	139.2	135.1	143.2	139.6	130.4	127.1	119.9	121.8	125.6	124.8	132.21		
DAIRY PRODUCTS	2021	1.14	129.5	127.5	126.8	128.4	127.4	128.3	127.9	127.9	130.7	131.1	133.0	133.7	132.41		
BUTTER	20211	.04	92.7	83.6	86.7	93.0	94.4	94.1	92.0	88.3	95.8	97.7	94.6	100.1	96.91		
CHEESE	20221	.07	275.1	272.6	268.3	266.4	255.5	257.1	257.2	263.7	266.4	294.9	306.8	302.4	307.71		
CONCENTRATED MILK	20231	.12	59.0	56.3	56.5	55.7	59.0	58.9	56.2	59.1	60.2	60.3	61.4	63.6	64.01		
FROZEN DESSERTS	20241	.13	136.8	135.5	128.8	141.2	133.4	138.6	136.2	129.0	147.5	133.1	141.8	145.2	130.91		
CANNED AND FROZEN FOODS	2031	1.18	164.8	177.4	176.9	171.9	166.8	160.8	161.9	159.6	161.0	158.3	159.1	161.6	168.11		
GRAIN MILL PRODUCTS	2041	.95	165.1	168.0	167.5	170.2	161.7	163.3	164.9	162.9	164.3	166.5	162.7	165.3	165.61		
FLOUR & CORN MILL	2041,61	.28	114.0	116.8	111.3	112.4	102.1	113.4	112.1	110.4	116.2	117.0	114.2	124.5	118.11		
BAKERY PRODUCTS	2051	1.15	125.0	120.3	119.9	121.4	121.3	123.6	125.0	126.0	127.5	129.1	128.2	127.7	128.71		
SUGAR	2061	.21	128.1	108.5	137.5	126.5	112.0	133.3	141.8	132.0	142.3	129.3	127.5	127.8	127.21		
CONFECTIONERY	2071	.41	109.8	99.7	106.7	110.7	98.2	99.4	105.0	114.1	98.0	110.8	125.0	130.6	114.21		
BEVERAGES	2081	1.58	193.2	190.8	194.5	197.3	188.6	188.9	190.7	190.9	191.3	196.4	196.5	200.0	195.41		
BEER AND ALE	2082,31	.52	164.5	163.5	170.3	177.4	153.0	163.9	164.6	160.5	161.4	170.9	161.2	172.3	158.51		
WINES AND BRANDY	20841	.07	251.9	231.8	252.3	235.8	251.1	246.4	239.0	275.3	267.3	222.7	294.6	264.9	238.11		
LIQUORS	20851	.24	122.4	104.8	112.4	118.4	120.0	117.5	128.1	130.0	132.0	137.8	130.7	120.8	111.91		
SOFT DRINKS	2086,71	.74	231.4	234.3	233.1	216.6	230.6	224.6	225.3	224.7	225.0	231.1	234.3	239.5	244.91		
MISC. FOOD PREPARATIONS	2091	.97	151.6	147.8	145.8	150.0	148.7	152.5	153.1	153.7	155.1	155.8	152.6	153.9	152.31		
FATS AND OILS	2091-4,61	.30	149.3	148.1	148.2	150.2	145.0	149.6	154.9	155.8	147.5	155.2	148.7	148.5	144.91		
COFFEE, MISC. FOOD	2095,7-91	.67	152.6	147.7	144.7	149.8	150.4	153.8	152.3	152.7	158.6	156.1	154.4	156.3	155.61		
TOBACCO PRODUCTS	211	.67															
CIGARETTES	2111	.54	122.8	124.5	119.3	133.1	124.7	118.8	111.6	124.4	117.7	127.1	127.0	126.3	120.81		
CIGARS	2121	.07	58.2	53.0	56.5	62.1	59.8	54.6	60.2	57.5	59.8	59.5	54.7	61.3	59.51		
TEXTILE MILL PRODUCTS	221	2.69															
FABRICS	221-41	1.05	105.1	110.0	111.5	109.6	107.2	105.6	101.9	101.6	100.4	102.3	103.8	105.1	102.91		
COTTON FABRICS	221,41	.60	73.6	74.7	76.7	77.1	77.2	76.1	74.0	74.3	69.9	73.7	73.0	70.8	64.81		
MAN-MADE FABRICS	2221	.30															
WOOL FABRICS	2231	.14															
KNIT GOODS	2251	.63	180.7	193.3	184.1	186.3	182.2	180.3	177.5	172.2	181.9	169.9	179.0	185.0	180.61		
HOSIERY	2251,21	.21	205.5	211.9	197.9	205.8	211.0	209.6	197.7	204.8	215.6	181.4	206.3	213.6	213.81		
KNIT GARMENTS	2253-91	.42	168.1	183.9	177.1	176.4	167.6	165.4	167.3	155.7	164.8	164.0	165.2	170.5	163.81		
FABRIC FINISHING	2261	.23	140.5	139.6	150.9	146.9	147.5	137.7	133.1	142.5	129.5	140.3	141.4	141.3	136.01		
CARPETING	2271	.20	203.2	223.7	208.8	223.3	204.7	190.0	194.0	184.7	195.3	198.1	189.3	217.1	212.61		
YARN & MISC. TEXTILES	228,91	.57	130.6	139.3	140.1	142.5	132.0	132.0	135.2	124.0	125.2	129.2	123.9	124.0	117.81		
APPAREL PRODUCTS	231	3.33															
MEN'S OUTERWEAR	231,21	1.06	127.7	122.9	119.7	134.9	125.3	125.1	133.7	124.8	135.9	128.9	122.9	140.8	117.41		
MEN'S SUITS AND COATS	2311	.34	100.9	83.8	90.8	95.1	101.6	105.1	110.1	109.4	103.0	100.5	104.0	112.0	98.51		
MEN'S FURNISHINGS	2312	.69	143.4	144.5	136.0	157.2	139.4	137.3	148.0	134.7	154.9	145.4	134.5	157.9	128.71		
WOMEN'S OUTERWEAR	2331	1.05	158.9	161.6	168.6	174.1	156.2	156.5	157.9	155.5	162.6	157.0	148.1	157.9	146.31		
MISC. APP. & ALLIED GDS	234-91	1.20	98.7	103.9	104.9	105.1	101.3	96.0	93.5	92.0	94.0	95.6	98.2	99.9	102.01		
LUMBER AND PRODUCTS	241	1.64															
LOGGING AND LUMBER	241,21	.82	99.6	108.0	109.9	111.0	85.3	90.1	96.2	94.9	105.8	100.0	96.2	103.3	96.21		
LUMBER	2421	.59	92.0	99.6	100.9	104.0	72.9	79.7	89.0	85.0	100.7	93.0	90.8	100.0	89.61		
LUMBER PRODUCTS	243,4,91	.82	138.9	153.9	151.4	145.2	122.8	117.4	127.1	132.1	135.1	144.0	148.5	145.5	147.01		
MILLWORK AND PLYWOOD	2431	.50	149.4	167.6	164.8	155.4	120.9	116.5	134.5	145.0	147.6	161.0	164.9	158.8	160.11		
PLYND, PREFAB PROD	2432,31	.29	172.9	191.5	186.0	171.9	123.8	126.0	159.1	179.7	178.						

Table 4B
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES
 Not seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967	1980	1980												
		PRO- TION	PRO- AVG.	1980	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
METAL MINING	10	51														
IRON ORE	101.6	24	96.6	111.1	110.7	110.1	101.5	111.2	117.3	86.6	78.4	73.1	81.9	80.6	96.6	
NONFERROUS ORES	102-5,8,9	27	120.4	139.3	139.9	145.9	144.1	141.6	140.3	81.3	71.6	82.9	102.9	125.5	129.5	
COPPER ORE	102	14	134.7	165.5	168.0	179.4	176.4	171.8	172.5	65.8	47.1	66.6	101.1	146.5	155.3	
LEAD AND ZINC ORES	103	03	89.0	93.0	96.0	94.0	92.0	94.3	94.5	83.0	83.0	83.1	93.3	81.5	79.8	
ANTHRACITE	11	03	43.7	43.3	35.3	46.5	49.2	48.2	50.0	48.4	42.9	38.6	42.4	45.1	35.0	
BITUMINOUS COAL	12	66	150.9	135.2	141.5	150.6	156.9	155.8	163.6	127.7	161.5	158.1	156.3	155.3	148.0	
OIL AND GAS EXTRACTION	13	4.40														
CRUDE OIL & NATURAL GAS	131	3.61	97.9	99.3	100.3	100.5	99.0	98.2	96.6	96.5	95.3	96.6	96.7	97.1	99.1	
CRUDE OIL, TOTAL		2.94	94.9	95.5	96.1	96.2	95.9	95.4	94.3	94.5	93.7	94.4	94.2	93.8	95.0	
ALASKA, CALIF. CRUDE		31	243.5	242.7	243.2	245.2	245.7	243.8	243.2	242.2	243.8	243.9	242.4	241.3	244.8	
TEXAS CRUDE		1.07	86.9	87.8	87.8	88.7	88.4	87.6	86.6	86.2	85.4	85.7	86.3	85.9	86.0	
LA. AND OTHER CRUDE		1.57	71.5	72.1	73.0	72.3	71.9	71.8	70.6	71.3	70.1	71.1	70.7	70.5	72.0	
NATURAL GAS		67	111.1	116.0	118.8	119.1	112.3	110.3	106.6	105.2	102.5	106.2	107.4	111.2	117.0	
NATURAL GAS LIQUIDS	132	30	102.7	108.1	108.6	102.6	107.0	103.0	103.1	99.6	98.9	100.0	97.2	102.0	101.8	
LP PROPANE		04	93.4	97.9	97.3	95.4	95.7	88.1	89.6	88.9	91.9	89.8	94.2	97.4	94.9	
LP MATERIALS		26	104.2	109.8	110.5	103.8	108.8	105.5	105.3	101.4	100.1	101.7	97.7	102.8	102.9	
OIL AND GAS DRILLING	138	50	405.8	359.2	364.8	370.9	374.1	389.7	396.9	410.9	423.4	430.8	437.4	455.3	455.9	
FOODS	20	8.75														
MEAT PRODUCTS	201	1.17	123.1	123.6	120.1	121.9	129.0	126.0	125.0	112.8	116.9	123.2	130.9	125.7	121.5	
BEEF		40	106.6	108.0	106.2	100.6	103.8	104.1	107.3	102.1	107.9	108.9	115.9	108.2	106.2	
PORK		55	131.8	133.9	129.3	136.4	145.8	138.6	131.7	113.8	116.8	128.4	137.2	137.4	131.9	
MISC. MEATS		22	130.9	125.9	122.4	128.0	132.3	133.9	140.0	129.5	133.3	135.8	141.9	128.0	123.3	
DAIRY PRODUCTS	202	1.14	129.5	122.0	124.7	129.5	131.2	134.3	137.6	132.7	133.0	128.7	127.2	126.0	126.5	
BUTTER	2021	04	92.7	98.6	101.3	100.3	109.1	110.9	95.2	78.1	74.7	74.8	85.2	87.8	96.6	
CHEESE	2022	07	275.1	252.5	262.4	275.5	282.6	293.3	303.0	271.4	259.5	268.1	272.2	269.1	291.4	
CONCENTRATED MILK	2023	12	59.0	49.9	54.4	56.6	69.2	74.1	76.2	68.5	58.8	50.8	46.9	46.4	55.8	
FROZEN DESSERTS	2024	13	136.8	101.1	112.4	142.5	137.4	150.8	175.0	160.5	178.3	142.4	127.6	116.9	96.7	
CANNED AND FROZEN FOODS	203	1.18	164.8	159.5	164.2	159.2	154.0	152.3	159.1	158.5	172.3	191.7	185.0	166.6	155.3	
GRAIN MILL PRODUCTS	204	95	165.1	166.2	166.0	166.0	154.0	155.9	161.5	161.2	170.7	171.4	171.9	169.6	167.3	
FLOUR & CORN MILL.	2041,6	28	114.0	113.1	114.1	111.8	102.2	109.8	107.7	106.6	121.2	119.5	121.0	125.0	116.2	
BAKERY PRODUCTS	205	1.15	125.0	112.8	111.1	113.1	114.4	118.7	128.8	136.7	139.3	142.1	133.5	126.1	123.9	
SUGAR	206	21	128.1	125.8	121.5	106.1	97.2	115.8	124.6	103.9	118.6	119.2	162.2	175.3	167.4	
CONFECTIONERY	207	41	109.8	88.8	120.7	111.3	86.6	85.4	89.0	79.2	114.6	157.4	146.3	137.9	100.0	
BEVERAGES	208	1.58	193.2	174.2	172.7	187.8	185.7	192.6	208.6	206.3	209.7	210.3	203.0	189.9	178.0	
BEER AND ALE	2082,3	52	164.5	144.7	158.2	174.2	168.5	181.3	192.7	185.1	179.0	167.8	147.8	143.0	131.7	
WINES AND BRANDY	2084	07	251.9	221.4	224.8	250.0	229.0	235.1	236.1	215.0	238.7	221.8	354.7	321.1	274.5	
LIQUORS	2085	24	122.4	97.5	101.6	123.1	117.0	113.4	136.0	104.9	125.9	144.9	158.0	136.1	110.3	
SOFT DRINKS	2086,7	74	231.4	215.8	201.4	213.0	216.3	222.6	241.1	253.5	256.0	260.5	243.2	229.0	224.1	
MISC. FOOD PREPARATIONS	209	97	151.6	154.4	155.7	152.2	150.8	149.2	146.5	141.9	148.4	148.7	152.7	159.0	159.5	
FATS AND OILS	2091-4,6	30	149.3	160.1	162.7	160.5	144.1	142.4	145.5	133.4	132.3	140.5	153.1	159.0	158.4	
COFFEE, MISC. FOOD	2095,7-9	67	152.6	151.8	152.5	148.5	153.9	152.3	147.0	145.8	155.7	152.4	152.5	159.0	160.0	
TOBACCO PRODUCTS	21	67														
CIGARETTES	211	54	122.8	126.5	128.5	130.6	120.8	116.7	124.3	106.6	124.5	130.3	138.0	130.5	96.8	
CIGARS	212	07	58.2	49.7	60.7	63.9	58.6	56.2	63.1	43.4	63.3	65.5	65.8	64.9	43.1	
TEXTILE MILL PRODUCTS	22	2.69														
FABRICS	221-4	1.05	105.1	104.6	110.0	108.6	105.6	108.2	108.7	90.9	106.3	107.0	109.3	106.0	95.7	
COTTON FABRICS	221.4	60	73.6	76.5	80.3	81.2	78.8	78.5	75.6	61.6	70.1	72.2	75.6	72.5	60.2	
MAN-MADE FABRICS	222	30														
WOOL FABRICS	223	14														
KNIT GOODS,	225	63	180.7	165.4	177.7	181.5	186.9	182.3	196.0	170.4	196.7	186.1	184.1	181.5	159.7	
HOSIERY	2251,2	21	205.5	185.4	202.7	215.5	235.3	207.5	217.5	203.2	218.6	189.6	205.1	207.2	178.7	
KNIT GARMENTS	2253-9	42	168.1	155.2	165.0	164.3	162.3	169.5	185.1	153.8	185.6	184.3	173.4	168.5	150.1	
FABRIC FINISHING	226	23	140.5	141.0	154.7	156.2	152.5	145.7	143.2	103.5	132.5	141.2	145.2	140.6	129.7	
CARPETING	227	20	203.2	194.4	196.9	219.6	214.7	191.4	198.7	170.5	186.4	216.1	218.0	225.6	205.8	
YARN & MISC. TEXTILES	228,9	57	130.6	139.8	143.1	144.0	137.2	137.1	138.3	107.1	130.5	128.2	129.8	123.8	108.1	
APPAREL PRODUCTS	23	3.33														
MEN'S OUTERWEAR	231,2	1.06	127.7	121.8	134.0	148.5	138.3	132.3	143.0	94.4	130.2	133.5	130.7	130.6	95.3	
MEN'S SUITS AND COATS	231	34	100.9	85.6	95.3	102.2	112.1	109.2	112.9	72.4	101.7	109.6	114.5	111.2	83.8	
MEN'S FURNISHINGS	232	69	143.4	141.8	158.7	174.6	154.1	146.3	160.8	106.3	146.7	147.9	141.3	142.7	102.1	
WOMEN'S OUTERWEAR	233	1.05	158.9	154.9	182.8	184.5	168.2	156.0	164.8	136.1	167.6	164.5	158.1	151.9	117.6	
MISC. APP. & ALLIED GDS	234-9	1.20	98.7	94.8	100.4	99.9	96.1	93.4	98.5	93.2	104.6	105.6	102.0	98.3	97.2	
LUMBER AND PRODUCTS	24	1.64														
LOGGING AND LUMBER	241,2	82	99.6	98.7	109.4	107.7	86.8	89.4	100.2	96.6	110.0	106.6	103.4	99.6	86.5	
LUMBER	242	59	92.0	93.2	104.2	105.1	78.6	80.4	90.7	82.6	101.6	98.2	96.7	95.0	77.6	
LUMBER PRODUCTS	243,4,9	82	138.9	148.7	152.9	149.0	124.0	119.7	129.3	124.6	137.6	144.9	150.9	144.9	140.8	
BILLBOARD AND PLYWOOD	243	50	149.4	161.3	165.5	169.1	121.7	119.4	137.7	134.5	153.2	163.4	168.9	156.6	150.3	
PLYWD, PREFAB PROD	2432,3	29	172.9	185.7	191.7	182.9	126.6	131.1	161.7	159.7	185.2	197.0	204.3	180.8	167.9	
FURNITURE AND FIXTURES	25	1.37														
HOUSEHOLD FURNITURE	251	87	144.4	157.3	165.9	163.1	152.2	141.7	134.9	111.1	133.4	141.6	144.0	142.9	144.4	
FIXTURES, OFF. FURN.	252,4,9	42	170.3	171.7	181.3	179.0	175.4	163.8	169.2	156.0	166.0	172.4	171.5	169.0	168.3	

Table 4A—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967		1980														
		PRO- POR- TION	AVG.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.			
PAPER AND PRODUCTS	26	3.21																
PULP AND PAPER	261-3	1.38	144.1	149.3	145.0	145.8	138.9	139.8	139.3	140.1	140.5	149.8	143.8	147.1	151.3			
WOOD PULP	261	.50	138.5	141.3	139.1	138.8	134.3	138.1	135.6	135.7	137.2	146.6	136.8	139.7	140.5			
PAPER	262	.54	145.8	151.0	146.4	148.5	142.5	139.1	143.9	139.0	140.8	148.0	146.3	149.5	155.6			
PAPERBOARD	263	.34	149.5	158.1	151.4	151.8	140.3	143.2	137.7	148.3	144.9	157.2	150.3	154.3	160.2			
CONVERTED PAPER PROD.	264	.93	169.0	172.8	168.0	173.4	165.9	162.4	166.0	160.5	163.3	170.6	173.7	173.7	178.2			
SANITARY PAPER PROD.	2647	.18	138.1	141.4	140.5	143.0	134.9	137.4	134.3	134.2	129.6	137.1	140.6	142.1	142.4			
PAPERBOARD CONTAINERS	265	.84	147.8	168.5	150.7	156.1	146.1	133.4	140.4	137.5	141.9	149.2	151.6	147.8	152.1			
BUILDING PAPER AND BOARD	266	.06	87.7	111.9	104.9	85.3	72.6	67.8	73.5	84.5	81.7	95.7	94.7	90.2	95.1			
PRINTING AND PUBLISHING	27	4.72																
NEWSPAPERS	271	1.38	109.1	110.8	112.8	112.5	106.1	107.3	106.8	108.4	110.5	108.5	107.8	108.1	109.8			
PERIOD., BOOKS, CARDS	272, 3, 7	1.38	127.2	127.8	125.8	124.2	123.7	123.5	122.1	126.7	126.9	126.1	132.2	134.6	132.7			
JOB PRINTING	274-6, 8, 9	1.96	169.8	168.1	169.6	170.3	168.4	164.4	163.2	168.3	172.5	170.9	175.3	171.7	175.3			
CHEMICALS AND PRODUCTS	28	7.74																
CHEMICALS & SYM. MAT.	281, 2	3.79	222.2	246.4	241.7	232.9	227.5	210.6	196.8	193.0	200.6	218.3	227.8	230.6	244.0			
BASIC CHEMICALS	281	2.54	187.4	200.4	199.7	194.3	190.5	185.7	179.4	172.1	171.5	181.1	187.6	189.9	198.2			
ALKALIES & CHLORINE	2812	.14	121.4	140.7	133.9	122.6	122.2	116.1	113.1	106.7	107.7	118.2	119.9	125.0	131.6			
GASES, ETC.	2813, 5, 6	.48	184.3	212.5	222.2	198.3	181.5	165.4	152.1	143.1	156.9	183.7	195.9	196.5	207.5			
BASIC ORG. CHEM.	2818	1.18	231.6	243.9	238.4	238.7	235.6	237.0	230.0	219.0	213.1	219.2	231.6	232.1	242.5			
INORG. CHEM. NEC	2819	.75	132.4	135.8	137.1	135.7	138.5	131.2	129.9	129.4	127.5	131.7	126.0	131.6	135.5			
ACIDS & FERTILIZER MAT.		.55	145.9	151.5	150.8	148.6	148.5	138.1	141.4	144.4	141.8	145.1	140.7	147.8	153.3			
SULFURIC ACID, ETC.		.41	138.5	141.7	140.0	141.5	143.5	131.8	134.1	138.5	133.3	137.1	134.5	142.4	143.7			
FERTILIZER MATERIALS		.14	167.6	179.9	182.1	169.3	163.1	156.6	162.7	161.6	166.6	168.1	158.7	163.5	181.3			
ERDA NUCLEAR MATLS		.15	89.5	87.3	96.3	96.3	110.5	111.9	93.5	79.5	79.7	89.1	76.6	78.4	77.5			
SYNTHETIC MATERIALS	282	1.25	293.3	340.1	327.5	311.4	302.9	261.3	232.1	235.4	259.8	294.0	309.7	313.7	337.2			
PLASTICS MATERIALS	2821	.54	386.5	454.2	438.0	427.2	397.5	337.9	297.2	300.9	339.4	382.9	404.2	424.8	446.0			
SYNTHETIC RUBBER	2822	.13	103.2	120.2	119.2	121.9	112.5	96.2	84.5	72.7	77.9	93.9	105.2	110.7	117.5			
MAN-MADE FIBERS	2823, 4	.58	250.3	284.4	272.6	247.2	258.7	228.1	205.5	212.0	227.5	257.3	268.8	257.0	286.6			
CHEMICAL PRODUCTS	283-7, 9	3.95	192.4	194.6	194.8	192.7	190.3	188.5	186.5	188.8	194.4	197.3	192.8	192.3	197.1			
DRUGS AND MEDICINES	283	1.34	245.7	247.0	247.8	246.1	243.8	241.9	234.4	240.7	245.0	255.0	243.7	246.2	258.5			
SOAP AND TOILETRIES	284	1.29	170.8	174.3	174.8	171.9	168.6	165.4	166.9	168.0	174.7	170.8	173.0	169.8	171.6			
PAINTS	285	.43	130.5	131.7	129.4	131.2	126.4	128.0	127.2	125.8	137.2	142.9	137.4	127.1	120.8			
AGRICULTURAL CHEMICALS	287	.33	230.5	229.1	223.3	218.8	219.8	223.3	231.6	238.4	240.2	240.8	234.0	234.7	238.2			
PETROLEUM PRODUCTS	29	1.79																
PETROLEUM REFINING	291, 9	1.64	132.8	146.0	143.7	139.0	135.5	131.6	131.2	127.4	123.5	129.0	127.3	129.5	132.4			
AUTOMOTIVE GASOLINE		.84	131.6	143.4	144.1	137.1	131.5	128.5	128.7	125.7	125.5	127.6	127.4	130.0	130.7			
DISTILLATE FUEL OIL		.29	120.8	130.9	121.5	119.4	120.0	118.4	122.0	123.6	111.0	122.8	115.6	118.5	126.4			
RESIDUAL FUEL OIL		.05	209.0	205.5	211.3	203.0	217.1	208.6	221.6	207.9	202.0	206.9	216.3	209.7	201.3			
AVIATION FUEL & KEROS.		.17	100.5	104.1	103.0	104.8	104.9	102.7	101.0	99.5	94.6	98.0	97.4	98.4	98.6			
MISC. PETROLEUM PROD.		.28	155.2	184.7	178.4	175.0	168.1	158.5	151.2	139.2	134.5	145.3	141.6	144.2	152.4			
REFINERY FUEL NEC		.06	138.5	144.4	145.5	144.2	139.2	135.9	143.1	134.9	137.2	139.1	132.1	121.4	146.0			
REFINERY NONFUEL MAT.		.14	187.6	224.6	213.9	212.2	211.8	196.7	183.1	162.7	155.6	171.8	168.7	174.7	175.8			
REFINERY PRODUCTS NEC		.08	108.6	141.7	138.1	129.9	110.2	105.8	99.4	99.8	94.7	101.9	99.5	105.4	114.8			
RUBBER & PLASTICS PROD.	30	2.24																
TIRES	301	.60	123.3	127.1	129.0	132.8	117.6	109.3	104.8	122.7	120.5	127.5	133.0	126.9	120.1			
RUB. PROD. EX. TIRES	302, 3, 6	.66	139.1	146.1	145.9	143.6	141.6	133.0	129.1	130.9	131.1	136.9	142.8	143.6	144.4			
PLASTICS PRODUCTS NEC	307	.98	415.9	445.0	435.7	431.3	429.5	406.0	391.3	394.5	391.2	411.0	419.2	412.4	428.6			
LEATHER AND PRODUCTS	31	.86																
PERSS. LEATHER GDS.	313, 5-7, 9	.22	86.1	97.5	93.4	91.7	90.6	84.4	80.1	78.4	81.8	81.6	83.2	84.3	87.4			
SHOES	314	.53	65.7	69.9	65.4	67.0	63.2	68.2	65.6	64.6	63.8	63.8	66.3	68.5	61.6			
CLAY, GLASS, & ST. PROD.	32	2.74																
PRESSED AND BLOWN GLASS	322	.49	159.7	167.5	172.9	162.5	161.6	154.8	152.2	157.7	153.3	160.3	157.5	159.6	158.4			
GLASS CONTAINERS	3221	.28	143.5	149.8	154.2	145.5	145.3	137.7	137.4	143.3	139.7	147.8	142.5	142.1	136.1			
CEMENT	324	.27	107.3	128.1	108.6	100.4	102.5	100.4	103.5	103.1	101.9	109.2	109.4	113.0	126.5			
STRUCTURAL CLAY PRODUCTS	325	.20	101.6	120.7	118.4	114.1	104.5	96.7	93.7	94.3	89.5	96.4	98.8	95.3	102.3			
BRICK	3251	.08	94.5	123.1	117.7	101.1	96.4	87.0	84.4	91.5	82.7	92.4	95.8	82.6	92.9			
CONCRETE, MISC. CLAY MFR.	326-9	1.51	149.5	168.3	165.3	163.6	153.2	145.1	137.1	135.1	138.6	141.4	146.7	148.8	154.2			
PRIMARY METALS	33	6.57																
IRON AND STEEL	331, 2	4.21																
BASIC STEEL & MILL PRD	331	3.34	94.0	110.4	106.8	116.0	99.6	85.1	76.1	66.7	73.9	79.9	94.4	114.4	110.4			
BASIC IRON AND STEEL		1.34	86.1	101.4	100.1	98.7	93.9	79.7	68.0	63.9	67.0	75.5	87.9	99.0	100.9			
PIG IRON		.46	78.2	95.2	91.1	92.9	86.4	73.3	59.6	55.4	59.1	65.4	78.2	91.5	95.6			
RAW STEEL		.72	94.3	109.1	109.3	106.0	101.6	84.5	73.8	70.1	72.8	84.7	99.5	110.9	111.8			
COKE AND PRODUCTS		.16	71.3	84.1	84.5	81.7	81.0	75.8	66.0	60.4	63.3	62.9	63.4	66.4	67.3			
STEEL MILL PRODUCTS		2.01	99.3	116.5	111.2	127.5	103.4	88.7	81.5	68.5	78.5	82.9	98.8	124.7	116.8			
CONSUMER DUR. STEEL		.31	71.2	84.6	76.8	94.3	73.3	50.9	52.8	41.3	57.1	61.2	77.9	97.3	92.0			
EQUIPMENT STEEL		.51																

Table 4B--continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967															
		PRO- POR- TION	1980 AVG.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.		
PAPER AND PRODUCTS		26	3.21														
PULP AND PAPER	261-31	1.38	144.1	148.1	150.5	152.1	145.7	144.7	145.3	129.5	142.3	142.8	146.9	147.1	133.8		
WOOD PULP	2611	.50	138.5	140.9	142.5	144.3	140.7	142.7	142.8	127.3	139.1	138.8	139.5	140.3	123.6		
PAPER	2621	.54	145.8	151.4	154.1	154.5	149.4	144.3	147.4	127.1	141.1	141.1	149.1	148.6	141.1		
PAPERBOARD	2631	.34	149.5	153.4	156.5	159.7	147.4	148.2	145.5	136.6	148.7	151.4	154.3	154.8	137.5		
CONVERTED PAPER PROD.	2641	.93	169.0	173.5	175.4	180.1	172.1	168.3	170.7	147.0	161.9	164.7	175.9	173.4	164.6		
SANITARY PAPER PROD.	26471	.18	138.1	143.4	143.6	145.4	141.8	137.0	135.6	125.6	130.0	131.3	146.1	142.7	134.9		
PAPERBOARD CONTAINERS	2651	.84	147.8	153.7	155.5	160.1	150.9	137.2	144.9	129.2	144.0	153.3	162.3	146.2	135.7		
BUILDING PAPER AND BOARD	2661	.06	87.7	99.0	108.2	90.1	77.3	71.4	76.7	78.9	86.8	93.2	98.2	89.8	82.2		
PRINTING AND PUBLISHING		27	4.72														
NEWSPAPERS	2711	1.38	109.1	101.6	109.2	112.8	110.6	111.9	107.5	98.1	103.4	108.3	114.7	118.3	112.3		
PERIOD., BOOKS, CARDS	272, 3, 71	1.38	127.2	116.7	118.4	117.7	118.0	118.7	125.9	136.0	142.0	140.0	136.2	131.8	124.6		
JOB PRINTING	274-6, 8, 91	1.96	169.8	149.4	154.0	155.0	155.1	158.5	172.3	187.5	198.0	195.0	183.9	167.6	161.6		
CHEMICALS AND PRODUCTS		28	7.74														
CHEMICALS & SYN. MAT.	281, 21	3.79	222.2	234.7	240.0	238.2	234.8	213.5	201.1	187.6	198.7	220.5	227.9	231.1	238.8		
BASIC CHEMICALS	2811	2.54	187.4	192.6	194.2	195.5	195.0	186.6	180.5	169.3	171.5	183.1	189.7	191.4	198.9		
ALKALIES & CHLORINE	28121	.14	121.4	130.6	136.3	123.2	127.0	117.7	114.8	105.4	105.9	118.1	121.5	125.9	129.8		
GASES, ETC.	2813, 5, 61	.48	184.3	197.4	218.1	204.5	194.0	171.0	158.9	141.5	153.5	181.9	190.5	193.0	206.8		
BASIC ORG. CHEM.	28181	1.18	231.6	239.0	229.1	236.1	235.1	235.1	230.5	219.2	216.3	224.7	236.5	235.4	242.0		
INORG. CHEM. NEC	28191	.75	132.4	128.7	135.2	139.6	145.7	133.3	128.3	120.9	125.0	130.8	128.6	133.6	139.2		
ACIDS & FERTILIZER MAT.	2821	.55	145.9	141.8	152.6	153.6	158.0	139.6	141.0	134.3	139.6	144.2	141.5	149.2	155.9		
SULFURIC ACID, ETC.	28211	.41	138.5	133.6	143.2	145.0	150.7	130.7	134.2	128.5	132.1	137.9	135.4	143.7	146.4		
FERTILIZER MATERIALS	2822	.14	167.6	165.5	179.7	178.4	179.2	165.4	160.7	150.9	161.4	162.6	159.3	165.1	183.3		
URANIUM NUCLEAR MATLS	2823	.15	89.5	87.0	80.5	98.0	111.4	117.0	87.2	74.7	75.6	87.2	86.0	83.0	86.6		
SYNTHETIC MATERIALS	2824	1.25	293.3	320.4	333.3	325.2	315.7	268.3	243.1	224.8	254.0	296.8	305.8	312.1	320.0		
PLASTICS MATERIALS	28241	.54	386.5	416.3	438.3	448.3	419.2	350.7	313.2	289.9	333.8	389.0	406.3	417.6	415.2		
SYNTHETIC RUBBER	28242	.13	103.2	118.5	126.1	125.3	120.5	96.7	81.2	66.8	74.9	93.8	105.8	111.7	117.4		
MAN-MADE FIBERS	2823, 41	.58	250.3	277.7	283.3	256.7	264.2	231.1	215.0	200.5	220.9	257.6	258.3	260.1	278.0		
CHEMICAL PRODUCTS	283-7, 91	3.95	192.4	181.5	185.3	187.0	187.0	188.0	196.1	197.1	202.4	208.3	199.1	191.7	185.6		
DRUGS AND MEDICINES	2831	1.34	245.7	225.0	229.2	229.9	234.3	237.1	252.9	260.7	261.4	278.2	255.2	245.7	238.9		
SOAP AND TOILETRIES	2841	1.29	170.8	165.4	169.0	168.8	163.0	161.6	168.2	173.2	180.5	181.6	181.0	171.2	165.6		
PAINTS	2851	.43	130.5	110.7	126.9	137.8	138.2	144.5	151.4	131.8	144.7	139.6	132.0	115.6	93.3		
AGRICULTURAL CHEMICALS	2871	.33	230.5	226.6	218.4	225.1	229.0	230.2	231.6	231.5	234.4	234.8	230.2	234.0	239.6		
PETROLEUM PRODUCTS		29	1.79														
PETROLEUM REFINING	291, 91	1.64	132.8	143.9	140.7	134.6	130.9	129.5	133.3	130.4	127.2	130.9	126.1	130.7	134.9		
AUTOMOTIVE GASOLINE	2911	.84	131.6	141.4	138.8	132.0	127.0	127.5	132.8	130.6	130.4	129.1	124.1	130.8	134.4		
DISTILLATE FUEL OIL	2912	.29	120.8	137.2	126.0	116.3	111.7	112.1	120.0	122.0	111.7	121.9	117.5	122.5	131.2		
RESIDUAL FUEL OIL	2913	.05	209.0	233.6	234.1	209.1	210.4	199.4	208.3	195.8	191.1	198.0	200.1	208.7	219.8		
AVIATION FUEL & KEROS.	2914	.17	100.5	102.4	106.0	105.4	102.9	98.5	99.1	98.2	95.8	102.0	97.6	98.5	99.6		
MISC. PETROLEUM PROD.	2915	.28	155.2	167.9	166.7	166.4	165.8	160.0	156.3	147.1	142.0	151.6	145.7	145.3	147.1		
REFINERY FUEL NEC	29151	.06	138.5	139.2	142.2	140.2	136.0	138.1	148.4	144.1	142.8	141.5	128.9	118.4	142.6		
REFINERY NONFUEL MAT.	29152	.14	187.6	219.9	216.5	213.2	213.2	196.2	178.9	160.2	153.8	165.7	169.2	179.5	181.2		
REFINERY PRODUCTS NEC	29153	.08	108.6	94.8	94.6	100.9	101.8	110.5	121.4	125.7	120.2	126.2	115.2	102.8	89.1		
RUBBER & PLASTICS PROD.		30	2.24														
TIRES	3011	.60	123.3	140.5	153.8	148.4	126.4	101.9	100.1	84.6	107.0	125.9	141.7	129.0	120.0		
RUB. PROD. EX. TIRES	302, 3, 61	.66	139.1	142.1	148.0	144.8	142.4	131.6	130.9	122.4	130.3	139.3	145.1	146.2	145.9		
PLASTICS PRODUCTS NEC	3071	.98	415.9	411.2	444.7	440.9	435.5	411.1	401.1	372.5	393.4	419.3	425.3	422.8	413.5		
LEATHER AND PRODUCTS		31	.86														
PERS. LEATHER GDS.	313, 5-7, 91	.22	86.1	90.8	91.8	92.0	88.0	84.7	83.5	73.8	83.5	82.9	86.5	88.2	87.3		
SHOES	3141	.53	65.7	67.2	69.8	71.4	66.3	68.9	68.7	52.9	65.2	65.9	70.0	65.9	55.7		
CLAY, GLASS, & ST. PROD.		32	2.74														
PRESSED AND BLOWN GLASS	3221	.49	159.7	157.4	170.4	165.7	163.7	157.7	159.5	156.8	161.2	159.8	166.5	157.3	140.6		
GLASS CONTAINERS	32211	.28	143.5	143.2	158.1	150.2	147.5	139.9	147.0	143.6	150.5	143.8	153.2	136.1	108.6		
CEMENT	3241	.27	107.3	67.7	73.8	85.0	105.7	113.9	131.3	122.4	129.6	129.6	133.1	108.7	86.6		
STRUCTURAL CLAY PRODUCTS	3251	.20	101.6	111.1	109.6	109.9	104.7	98.5	98.4	94.1	93.6	99.2	101.5	98.0	100.2		
BRICK	32511	.08	94.5	96.7	98.8	96.8	97.9	92.3	94.0	94.7	93.4	98.8	100.8	85.2	84.5		
CONCRETE, MISC. CLAY MFR.	326-91	1.51	149.5	159.4	158.5	159.3	153.9	145.5	140.4	134.5	140.4	144.4	151.4	153.8	152.8		
PRIMARY METALS		33	6.57														
IRON AND STEEL	331, 21	4.21															
BASIC STEEL & MILL PRD	3311	3.34	94.0	104.1	107.3	119.0	109.2	94.0	81.6	66.8	71.7	76.9	91.7	104.9	101.2		
BASIC IRON AND STEEL	33111	1.34	86.1	96.7	100.7	103.8	100.8	85.2	72.6	63.1	65.7	74.0	85.1	93.2	92.2		
PIG IRON	33112	.46	78.2	88.4	91.3	95.5	92.7	79.3	64.7	56.7	58.6	63.8	75.5	85.1	87.2		
RAW STEEL	33113	.72	94.3	105.6	110.7	114.0	109.8	90.7	78.2	67.5	71.1	83.0	96.0	104.0	100.8		
COKE AND PRODUCTS	33114	.16	71.3	80.2	82.0	81.1	82.9	77.3	69.5	61.5	61.8	62.1	63.3	67.2	67.2		
STEEL MILL PRODUCTS	33115	2.01	99.3	108.9	111.7	129.2	114.9	99.9	87.6	69.2	75.7	78.9	96.0	112.8	107.2		
CONSUMER DUR. STEEL	331151	.31	71.2	84.3	83.0	95.4	80.9	58.9	54.2	40.1	52.9	59.2	77.6	91.5	76.1		
EQUIPMENT STEEL	331152	.51	112.9	128.8	130.6	148.7	136.6	125.4	107.6	77.5	83.0	86.3	99.8	118.8	112.1		
CONSTRUCTION STEEL	331153	.41	67.4</														

Table 4A—continued
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES
 Seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967		1980											
		PRO- TION	AVG.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
NONFERREROUS METALS	333-6,9	2.36	119.8	134.1	128.3	128.3	122.3	116.4	118.2	111.4	106.3	107.2	113.2	123.2	127.1
PRIMARY NONF. METALS	3331	.45	131.3	137.1	137.1	139.9	139.1	137.3	141.7	121.3	115.0	118.6	121.4	129.3	132.4
COPPER	3331	-.09	113.1	157.5	147.3	145.1	154.8	141.8	157.9	61.4	30.8	38.5	65.3	106.3	121.4
ALUMINUM	3334	-.27	156.5	152.8	156.3	159.3	158.0	157.8	159.3	155.3	155.7	156.8	155.9	155.7	154.8
SECONDARY NONF. METALS	3341	-.09	146.7	165.3	154.1	154.9	149.1	127.9	136.2	135.0	142.0	147.7	139.9	153.9	154.1
NONFERREROUS PRODUCTS	335,6	1.45	121.1	140.1	131.0	130.3	121.0	115.6	116.6	110.0	106.1	106.6	115.4	127.6	131.9
NONFERREROUS HILL PROD	3351	1.09	134.4	156.2	144.4	142.1	133.8	129.3	133.2	123.9	116.7	116.9	126.6	140.3	147.8
COPPER HILL PROD		.48	103.6	126.6	115.7	112.1	104.3	111.5	129.4	88.9	72.9	64.4	77.4	108.6	120.7
ALUMINUM HILL PROD		.61	158.5	179.4	167.0	165.6	156.9	143.3	136.2	151.4	151.1	158.2	165.2	165.1	169.0
CONSTRUCTION		-.13	177.2	217.5	197.6	185.7	176.1	149.6	147.2	157.1	158.2	176.3	187.7	195.6	195.6
NONCONSTRUCTION		-.48	153.4	169.0	158.6	160.2	151.7	141.5	133.2	149.8	150.3	153.3	159.1	156.8	161.8
NONFERREROUS FOUNDRIES	3361	-.35	80.0	89.9	89.2	93.4	81.0	72.7	65.0	66.8	73.1	74.3	80.4	87.9	82.2
FABRICATED METAL PRODUCTS	34	5.93													
METAL CANS	341	.38	128.1	139.8	137.3	136.0	134.5	127.7	119.3	118.9	119.8	121.2	127.1	127.7	131.4
HDGE, FLUMB, STRUCT, NET	342-4	2.67	144.1	155.3	154.1	154.3	150.0	143.3	136.5	133.4	135.9	139.6	140.7	141.4	144.6
HARDWARE, TOOLS, CUTL	3421	.76	123.8	130.4	131.5	132.7	128.5	119.8	114.4	110.9	116.4	122.0	121.6	125.9	130.6
STRUCTURAL METAL PROD	344	1.62	156.7	168.4	166.8	166.3	163.2	157.5	150.5	147.7	148.2	152.0	153.2	152.3	154.1
OTHER FAB. MET. PROD.	345-9	2.89	125.6	137.0	138.2	136.2	132.5	123.0	115.8	113.1	115.7	119.5	124.0	124.2	127.7
FASTENERS, STAMP, ETC	345-81	2.03	111.7	123.3	124.4	122.8	118.2	108.3	101.5	99.4	103.6	105.6	109.7	110.3	113.2
NOELECTRICAL MACHINERY	35	9.15													
ENGINE AND FARM EQUIP.	351,21	1.20	154.0	166.9	161.8	162.1	155.5	157.9	152.2	151.6	140.3	146.8	148.0	150.7	152.6
FARM TRACTORS		.19	79.2	98.5	88.2	99.7	75.1	77.9	78.7	91.6	49.5	46.8	74.9	70.0	71.8
CONSTRUCTION & ALLIED EQ	3531	1.36	151.8	155.9	160.9	161.0	160.1	155.2	153.5	149.5	145.5	145.2	142.7	143.6	149.0
TRACKLAYING TRACTORS		-.16	91.1	92.9	96.0	107.4	104.2	106.2	100.7	95.2	86.3	93.2	69.6	68.1	67.1
METALWORKING MACHINERY	354	1.67	126.1	129.9	132.0	131.8	129.9	129.2	124.4	123.7	124.3	122.1	120.7	121.1	124.1
SPCC, & GRN IND EQ	355,61	2.30	125.7	132.1	133.1	132.1	128.1	124.7	121.7	122.4	122.4	120.7	120.9	122.5	127.9
OFFICE, SERV, & MISC.	357-91	2.63	228.7	229.9	227.6	231.5	223.5	221.9	216.7	216.8	226.7	228.8	236.5	240.1	246.2
ELECTRICAL MACHINERY	36	8.05													
MAJOR ELECT. EQ. & PPS.	361,21	1.74	142.3	154.9	154.4	151.2	143.6	141.5	136.7	133.8	134.9	136.5	137.3	141.4	143.1
HOUSEHOLD APPLIANCES	3631	.83	136.1	155.4	149.8	149.5	138.8	115.6	118.4	109.7	133.4	135.0	142.9	142.0	148.2
COOKING STOVES	36311	.08	120.6	137.6	136.6	148.5	136.3	105.2	101.4	103.2	108.2	107.8	117.8	112.0	131.9
REFRIGERATION APPL.	3632	-.26	112.2	131.6	124.7	130.5	118.6	80.9	87.5	83.7	112.8	108.9	128.2	119.7	134.1
LAUNDRY APPLIANCES	3633	-.13	125.5	160.6	147.1	134.8	121.8	77.7	99.0	98.1	107.2	139.3	143.1	140.6	147.8
MISC. APPLIANCES	3634-6,9	-.36	161.2	175.1	172.3	169.1	160.5	157.7	152.3	134.8	164.2	158.9	159.4	165.8	162.6
TV AND RADIO SETS	3651	-.52	92.3	83.2	88.6	88.0	87.5	87.8	95.5	103.8	78.6	90.3	95.1	107.9	106.1
COMMUNICATION EQUIPMENT	366	2.30	154.9	156.9	156.5	156.7	158.3	154.8	153.3	154.9	153.5	152.4	152.3	153.9	155.6
ELECTRONIC COMPONENTS	3671	1.43	304.6	324.0	324.1	321.0	323.8	312.8	298.8	297.0	288.3	286.1	289.3	293.5	300.5
TV TUBES	3671-31	.31	41.9	47.6	43.2	35.2	44.1	42.4	32.0	50.0	37.3	33.7	49.2	47.0	44.8
MISC. ELECTRICAL SUPP.	3691	-.49	167.3	168.3	165.6	176.0	166.3	157.2	153.5	151.2	164.2	166.0	174.1	181.0	179.6
STORAGE BATTERY, REPL.	36911	-.09	205.4	158.7	161.0	200.3	197.5	187.8	195.3	205.6	224.3	221.5	227.0	245.5	216.4
TRANSPORTATION EQUIPMENT	37	9.27													
MOTOR VEHICLES AND PARTS	371	4.50													
AUTOS, TOTAL		1.90	103.6	100.2	118.7	114.8	97.7	88.5	95.0	102.0	90.1	98.9	109.7	115.4	105.9
LARGE AUTOS		1.79	54.3	54.1	62.3	60.2	47.8	40.4	49.4	55.1	44.4	54.1	58.1	60.4	61.2
SMALL AUTOS		.11	91.7	859.3	1045.7	1012.0	918.0	879.4	844.6	871.6	841.3	836.0	958.9	1019.8	840.1
TRUCKS AND BUSES		.53	117.8	133.8	142.1	123.9	105.1	96.4	92.1	90.9	95.6	116.0	133.3	142.3	139.8
BUSINESS VEHICLES		.40	89.4	90.7	110.6	90.2	81.0	77.4	84.0	79.3	82.1	82.5	92.4	100.0	98.0
UTILITY VEHICLES		.13	202.8	263.2	236.5	224.7	177.1	153.3	116.2	125.7	136.0	216.2	255.5	268.9	264.6
TRUCK TRAILERS		-.09	162.1	206.6	174.8	183.6	165.8	157.4	149.6	116.8	136.9	155.2	161.3	167.0	170.5
MOTOR VEHICLE PARTS		1.98	132.1	147.3	146.1	144.1	134.8	124.5	120.0	115.8	118.3	125.5	131.9	137.2	139.1
AIRCRAFT AND PARTS	372	3.73	106.1	105.9	106.7	107.2	105.7	105.5	104.9	104.0	104.8	105.6	106.7	107.9	109.4
SHIPS AND BOATS	373	-.56	144.0	151.4	152.8	150.3	142.3	139.3	138.2	139.7	138.9	142.0	144.1	145.3	144.0
RAIL & MISC TRANS EQ	374,5,91	-.49	148.3	168.9	162.3	161.3	156.8	143.4	151.7	164.3	147.9	139.2	136.3	130.9	128.1
RAILROAD EQUIPMENT	3741	-.26	156.0	174.8	167.5	171.8	184.2	169.4	182.8	192.6	153.1	132.3	127.5	113.4	109.4
MOBILE HOMES	3791	-.18	99.7	123.2	118.7	105.9	85.0	75.6	74.3	89.2	100.1	106.0	108.2	117.1	113.9
INSTRUMENTS	38	2.11													
EQUIPMENT INSTR. & PPS.	381-4	1.07	185.9	190.7	190.8	187.8	188.0	185.7	181.3	181.0	182.7	184.9	184.9	185.0	188.3
CONSUMER INSTR. PROD.	385-7	1.04	155.9	161.8	159.5	160.1	159.6	156.1	155.8	152.7	153.4	150.0	153.6	154.1	154.5
MISC. MANUFACTURES	39	1.51													
MISC. CONS. GOODS	391,3,4,6	.86	151.3	156.4	156.6	157.8	153.1	151.6	146.8	148.8	150.6	144.3	147.2	150.4	154.6
MISC. BUS. SUPPLIES	395,9	.65	144.2	150.8	147.1	147.6	146.4	139.9	139.9	140.7	142.0	143.1	142.4	144.0	147.2
ELECTRIC UTILITIES		3.88	189.7	181.8	185.4	192.8	187.5	185.0	188.4	192.3	196.6	193.7	189.6	192.6	189.5
ELEC UTIL GENERATION		1.90	184.4	176.2	182.2	189.9	179.4	178.4	186.0	188.2	191.8	186.2	181.9	189.7	181.9
FOSSIL FUEL GENERATION		1.54	174.1	168.2	176.8	182.0	166.8	164.5	173.2	177.9	181.0	174.1	168.9	179.6	173.4
HYDRO & NUCLEAR GENERAT.		.36	228.7	210.5	205.2	223.6	233.9	238.4	241.1	232.4	238.1	238.2	237.6	233.1	218.6
ELEC UTIL SALES		1.98	194.7	187.2	188.5	195.6	195.1	191.2	190.6	196.3	201.3	201.0	197.1	195.4	196.9
RESIDENTIAL KWH		-.83	210.8	195.5	197.7	209.7	210.7	205.0	207.5	217.9	225.7	222.5	215.1	210.5	210.1
NONRESIDENTIAL KWH		1.15	183.2	181.2	182.0	185.5	183.9	181.4	178.4	180.8	183.7	185.5	184.1	184.6	187.4
SIC KWH		-.47	149.6	155.0	156.7	154.8	153.3	148.1	145.2	142.7	145.9	147.8	146.0	147.8	152.4
COMMERCIAL & OTHER KWH		.65	205.6	198.5	197.5	205.5	204.3	203.9	201.0	206.5	209.7				

Table 4B—continued

INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Not seasonally adjusted, 1967=100

INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES	SIC CODE	1967													
		PRO- TION	1980 POR- AVG.	1980 JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
NONFERROUS METALS	333-6,9	2.36	119.8	130.8	132.9	137.6	131.1	123.9	123.4	98.1	102.1	106.3	113.0	119.1	119.3
PRIMARY NONF. METALS	3331	.45	131.3	140.1	139.6	140.8	142.2	139.0	139.4	115.0	111.8	116.6	123.3	132.0	135.2
COPPER	33311	.09	113.1	157.9	154.0	156.2	170.0	153.5	155.5	46.6	27.7	37.6	66.7	109.4	122.2
ALUMINUM	33341	.27	156.5	155.2	156.5	156.4	156.7	157.7	158.0	153.6	153.5	155.9	157.3	159.1	158.1
SECONDARY NONF. METALS	3334	.09	146.7	158.4	166.0	165.3	157.5	131.2	143.7	111.9	139.4	146.4	143.8	156.4	140.9
NONFERROUS PRODUCTS	335,6	1.45	121.1	134.5	136.2	143.6	133.8	126.6	124.6	96.4	101.3	105.1	113.7	119.0	118.9
NONFERROUS HILL PROD	3351	1.09	134.4	148.3	148.4	157.3	149.5	142.9	142.6	110.2	111.9	115.1	123.3	129.4	133.5
COPPER HILL PROD	33511	.48	103.6	122.7	118.2	135.0	123.7	127.3	134.6	69.8	64.0	61.7	75.4	101.2	109.3
ALUMINUM HILL PROD	33512	.61	158.5	168.3	172.0	174.9	169.7	155.1	148.8	141.9	149.5	157.1	160.9	151.6	152.5
CONSTRUCTION	3352	.13	177.2	195.2	197.5	196.9	191.0	162.3	164.0	149.1	161.1	176.0	186.8	181.3	164.8
NONCONSTRUCTION	3353	.48	153.4	161.0	165.1	168.9	163.9	153.2	144.7	139.9	146.3	151.9	153.8	143.5	149.1
NONFERROUS FOUNDRIES	3361	.35	80.0	91.8	98.3	100.7	85.1	75.7	68.7	53.3	68.5	73.7	83.7	86.3	73.6
FABRICATED METAL PRODUCTS	34	5.93													
METAL CANS	341	.38	128.1	131.3	135.0	133.0	131.3	127.1	123.7	127.1	128.8	127.5	128.2	122.8	125.1
HOME, PLUMB, STRUCT, MFT	342-4	2.67	144.1	151.9	157.1	156.7	149.1	141.9	136.5	128.1	134.0	141.3	143.4	144.4	141.5
HARDWARE, TOOLS, CUTL	3421	.76	123.8	126.8	133.8	135.1	128.7	119.4	114.6	107.1	112.9	124.9	125.3	128.1	128.3
STRUCTURAL METAL PROD	344	1.62	156.7	165.4	169.7	168.6	161.5	155.9	150.5	141.5	147.6	152.5	155.3	155.8	156.3
OTHER FAB. MET. PROD.	345-9	2.89	125.6	131.3	140.4	138.9	133.2	123.4	118.0	109.1	113.8	121.2	125.7	125.6	126.1
PASTEENERS, STAMP. ETC	345-8	2.03	111.7	117.3	126.4	125.2	119.0	108.8	103.6	95.4	101.6	107.3	111.8	112.0	111.6
NOELECTRICAL MACHINERY	35	9.15													
ENGINE AND PARR EQUIP.	351,2	1.20	154.0	167.5	167.3	167.6	156.4	155.8	154.8	140.4	133.4	150.9	150.2	149.3	153.8
FARM TRACTORS	3512	.19	79.2	105.9	101.7	113.6	85.9	82.6	89.7	59.9	39.4	69.5	81.6	60.2	60.9
CONSTRUCTION & ALLIED EQ	353	1.36	151.8	149.3	162.4	159.3	158.4	152.5	155.1	145.0	142.2	151.5	146.7	147.7	151.2
TRACKLAYING TRACTORS	3531	.16	91.1	91.6	108.9	115.4	112.4	109.9	108.5	80.0	72.4	96.0	71.9	63.6	62.9
METALWORKING MACHINERY	354	1.67	126.1	126.1	133.6	132.1	129.9	126.5	126.1	122.0	124.2	126.5	123.6	121.0	121.1
SPEC. & GENL IND EQ	355,6	2.30	125.7	128.0	133.6	131.4	127.3	124.1	124.4	119.9	122.0	125.2	122.2	124.0	125.7
OFFICE, SERV. & MISC.	357-9	2.63	228.7	214.4	222.8	222.0	217.9	217.4	225.3	229.8	236.7	242.6	243.4	238.7	233.9
ELECTRICAL MACHINERY	36	8.05													
MAJOR ELECT. EQ. & PTS.	361,2	1.74	142.3	148.3	150.6	149.7	144.1	141.7	141.1	135.6	135.4	141.2	142.7	139.5	137.6
HOUSEHOLD APPLIANCES	3631	.83	136.1	152.2	157.2	157.8	148.2	118.8	124.0	101.4	124.3	138.1	154.7	135.5	120.4
COOKING STOVES	36311	.08	120.6	136.2	144.3	153.3	147.6	115.2	111.9	84.0	105.5	108.5	129.7	104.8	106.0
REFRIGERATION APPL.	3632	.26	112.2	136.4	132.4	146.1	137.2	93.4	104.7	89.1	78.6	103.8	130.0	102.5	92.3
LAUNDRY APPLIANCES	3633	.13	125.5	150.2	151.9	145.6	133.7	84.4	101.4	78.8	124.9	142.0	160.9	123.1	109.0
MISC. APPLIANCES	3634-6,9	.36	161.2	168.4	180.3	172.0	161.9	151.3	149.6	122.9	162.1	164.7	176.4	171.6	148.7
TV AND RADIO SETS	365	.52	92.3	77.9	87.3	87.0	83.8	91.8	94.9	81.0	84.3	103.3	109.8	114.6	91.8
COMMUNICATION EQUIPMENT	366	2.30	154.9	156.3	156.5	156.7	154.5	152.8	153.7	150.5	152.5	153.1	153.5	157.5	161.3
ELECTRONIC COMPONENTS	367	1.43	304.6	318.7	318.0	314.5	317.1	311.0	304.0	286.4	291.5	291.7	296.5	300.6	305.6
TV TUBES	3671-3	.31	41.9	46.1	42.7	35.8	46.5	46.7	31.7	37.9	40.4	39.2	57.1	45.7	33.0
MISC. ELECTRICAL SUPP.	369	.49	167.3	167.3	163.1	166.5	156.3	147.5	147.3	141.3	164.7	179.3	186.8	193.6	194.1
STORAGE BATTERY, REPL.	3691	.09	205.4	178.6	163.5	162.6	146.5	134.6	155.8	164.7	233.9	281.3	293.3	289.9	259.9
TRANSPORTATION EQUIPMENT	37	9.27													
MOTOR VEHICLES AND PARTS	371	4.50													
AUTOS, TOTAL	3711	1.90	103.6	97.9	125.4	128.8	110.3	99.9	107.6	76.3	61.6	103.4	124.4	119.3	88.6
LARGE AUTOS	37111	1.79	54.3	55.8	70.1	68.3	54.5	45.5	56.1	37.5	23.1	57.6	66.2	62.9	53.4
SMALL AUTOS	37112	.11	915.7	790.6	1035.2	1123.3	1028.2	993.7	954.4	714.7	694.1	856.9	1081.6	1047.3	667.9
TRUCKS AND BUSES	3712	.53	117.8	131.6	164.4	138.4	111.0	99.3	100.1	79.5	79.1	113.2	145.9	137.1	113.9
BUSINESS VEHICLES	37121	.40	89.4	91.4	135.4	103.5	83.2	78.9	90.5	66.6	66.9	81.7	101.2	94.0	79.4
UTILITY VEHICLES	37122	.13	202.8	251.9	251.2	242.7	194.1	160.2	129.0	118.2	115.6	207.6	279.8	266.2	217.0
TRUCK TRAILERS	3713	.09	162.1	180.3	191.3	202.8	182.8	163.1	160.2	107.7	136.4	149.9	158.4	161.5	150.5
MOTOR VEHICLE PARTS	3714	1.98	132.1	145.1	143.1	142.9	133.1	124.8	121.8	114.0	114.3	126.4	133.9	139.8	146.2
AIRCRAFT AND PARTS	372	3.73	106.1	106.6	107.4	107.7	104.8	105.7	104.8	101.8	102.1	105.2	106.0	109.6	112.0
SHIPS AND BOATS	373	.56	144.0	147.2	152.3	150.6	146.0	141.5	140.3	137.3	132.3	138.6	145.6	147.5	149.3
RAIL & MISC TRAMS EQ	374,5,9	.49	148.3	150.2	156.7	174.3	169.4	147.1	157.5	144.8	146.9	143.1	140.1	129.6	119.6
RAILROAD EQUIPMENT	374	.26	156.0	171.7	162.3	195.0	196.7	168.6	180.8	164.7	140.7	129.7	124.1	118.7	119.1
MOBILE HOMES	379	.18	99.7	92.5	105.5	107.6	97.3	82.8	86.4	87.1	112.6	115.4	121.7	105.5	82.4
INSTRUMENTS	38	2.11													
EQUIPMENT INSTR. & PTS.	381-4	1.07	185.9	182.4	187.1	185.0	184.9	184.6	186.4	181.5	184.7	191.6	187.9	187.5	187.0
CONSUMER INSTR. PROD.	385-7	1.04	155.9	157.8	156.9	157.7	156.7	155.7	158.3	151.7	154.3	152.1	155.6	157.2	156.8
MISC. MANUFACTURES	39	1.51													
MISC. CONS. GOODS	391,3,4,6	.86	151.3	142.7	154.6	153.4	150.8	150.7	151.6	142.9	157.0	159.0	154.4	152.1	146.9
MISC. BUS. SUPPLIES	395,9	.65	144.2	144.7	145.8	148.1	144.3	137.6	142.0	139.1	145.5	148.0	146.7	144.7	143.8
ELECTRIC UTILITIES	49	3.88	189.7	195.4	194.9	188.5	170.5	165.9	186.8	208.0	218.5	201.5	177.3	179.0	189.7
ELEC UTIL GENERATION	491	1.90	184.4	187.5	191.1	182.7	164.3	164.9	191.9	202.5	209.7	186.4	167.5	180.8	183.2
FOSSIL FUEL GENERATION	4911	1.54	174.1	178.3	184.0	171.1	148.2	147.8	178.2	196.4	203.9	178.5	156.7	171.9	173.7
HYDRO & NUCLEAR GENERAT.	4912	.36	228.7	227.3	221.6	232.5	233.4	238.4	250.6	228.7	234.8	220.4	213.8	219.1	224.1
ELEC UTIL SALES	492	1.98	194.7	203.0	198.5	194.0	176.5	166.9	181.9	213.3	227.0	216.0	186.7	177.2	195.9
RESIDENTIAL KWH	4921	.83	210.8	232.2	227.4	213.3	182.5	161.1	184.3	241.9	264.1	239.7	190.4	178.2	214.3
NONRESIDENTIAL KWH	4922	1.15	183.2	182.1	177.7	180.1	172.2	171.1	180.1	192.7	200.4	199.0	184.1	176.4	182.7
SIC KWH	4923	.47	149.6	150.8	151.2	154.2	153.0	150.2	147.2	140.6	146.9	150.6	150.2	150.0	150.1
COMMERCIAL & OTHER KWH	4924	.65	205.6	203.											

Table 5
INDUSTRIAL PRODUCTION: INDEXES; 1967=100
Quarterly averages, seasonally adjusted

SUMMARY GROUPINGS	1979		1980			
	III	IV	I	II	III	IV
TOTAL INDEX	152.6	152.5	152.6	144.5	142.3	148.7
PRODUCTS, TOTAL	149.8	149.9	150.0	144.1	144.3	148.4
FINAL PRODUCTS	146.8	147.2	147.5	143.5	143.3	147.0
CONSUMER GOODS	150.0	149.2	148.0	143.0	143.2	147.2
DURABLE CONSUMER GOODS	152.4	149.8	144.1	131.1	129.9	141.2
AUTOMOTIVE PRODUCTS	157.7	150.5	138.9	122.3	126.5	142.0
HOME GOODS	149.4	149.4	147.1	136.0	131.9	140.7
NONDURABLE CONSUMER GOODS	149.0	149.0	149.6	147.7	148.4	149.5
CLOTHING	131.3	131.3	129.7	126.8	123.8	123.0
CONSUMER STAPLES	153.9	153.9	155.1	153.6	155.3	156.9
CONSUMER ENERGY (HOME GOODS AND CLOTHING)	150.1	151.6	150.7	149.0	151.9	148.2
(HOME GOODS AND CLOTHING)	141.1	141.1	139.1	131.8	128.2	132.6
EQUIPMENT	142.6	144.3	146.7	144.2	143.4	146.7
BUSINESS EQUIPMENT	172.1	173.0	176.0	172.0	170.4	174.3
INDUSTRIAL EQUIPMENT	152.1	152.8	158.7	157.1	154.7	156.0
COMMERCIAL, TRANSIT, FARM EQ.	195.2	196.3	195.9	189.3	188.6	195.5
DEFENSE AND SPACE EQUIPMENT	92.9	96.2	97.4	97.6	97.9	100.2
INTERMEDIATE PRODUCTS	160.7	160.1	159.5	146.5	148.2	153.7
CONSTRUCTION SUPPLIES	158.1	157.0	154.7	133.4	133.7	142.8
BUSINESS SUPPLIES	163.3	163.3	164.4	159.5	162.7	164.6
COMMERCIAL ENERGY PRODUCTS	170.3	173.0	171.7	170.3	172.8	174.2
MATERIALS	156.9	156.5	156.7	145.0	139.2	149.4
DURABLE GOODS MATERIALS	158.6	156.3	155.4	140.7	131.4	144.3
BASIC METAL MATERIALS	127.0	119.8	118.6	102.8	89.3	109.9
NONDURABLE GOODS MATERIALS	176.8	179.2	180.2	166.1	163.2	176.3
TEXTILE, PAPER AND CHEMICAL MAT	185.0	187.9	188.6	171.5	167.0	183.7
TEXTILE MATERIALS	122.7	123.8	124.6	117.7	113.2	113.7
PAPER MATERIALS	186.8	188.9	187.7	141.2	143.6	149.7
CHEMICAL MATERIALS	227.7	231.8	233.3	207.3	200.0	228.2
ENERGY MATERIALS	128.2	129.0	131.0	129.1	128.4	128.2
MANUFACTURING	153.7	153.4	152.9	143.9	141.5	148.6
DURABLE	145.8	145.3	144.2	133.9	130.2	138.4
NONDURABLE	165.1	165.0	165.4	158.3	157.7	163.4
MINING AND UTILITIES	144.1	147.1	149.1	148.7	149.5	150.9
MINING	125.6	129.7	133.1	132.7	130.3	135.3
UTILITIES	164.7	166.6	166.9	166.5	170.9	168.5

Table 6
INDUSTRIAL PRODUCTION: GROSS VALUE OF PRODUCTS
Billions of 1972 dollars at annual rates, seasonally adjusted

SUMMARY GROUPINGS	1979		1980			
	III	IV	I	II	III	IV
PRODUCTS, TOTAL	621.8	620.7	618.1	589.9	590.3	609.4
FINAL PRODUCTS	477.5	476.8	474.5	458.6	456.9	471.0
CONSUMER GOODS	324.5	323.3	319.2	307.7	308.1	318.1
DURABLE CONSUMER GOODS	90.9	88.6	84.5	75.6	75.8	83.2
AUTOMOTIVE PRODUCTS	44.0	41.5	38.2	33.0	34.4	38.9
HOME GOODS	47.0	47.1	46.2	42.6	41.4	44.3
NONDURABLE CONSUMER GOODS	233.6	234.7	234.8	232.1	232.3	234.9
CLOTHING	33.9	33.9	33.2	32.0	31.8	31.8
CONSUMER STAPLES	199.7	200.8	201.6	200.1	200.4	203.1
CONSUMER ENERGY (HOME GOODS AND CLOTHING)	43.7	44.0	43.8	42.6	43.2	42.8
(HOME GOODS AND CLOTHING)	80.9	81.0	79.4	74.6	73.3	76.1
EQUIPMENT	153.0	153.5	155.2	150.9	148.9	153.0
BUSINESS EQUIPMENT	113.9	113.1	114.3	110.1	107.9	110.8
INDUSTRIAL EQUIPMENT	48.8	48.6	51.0	50.4	49.3	49.8
COMMERCIAL, TRANSIT, FARM EQ.	65.1	64.5	63.3	59.8	58.6	61.0
DEFENSE AND SPACE EQUIPMENT	39.0	40.5	41.0	40.8	40.9	42.2
INTERMEDIATE PRODUCTS	144.4	143.9	143.7	131.4	133.4	138.4
CONSTRUCTION SUPPLIES	67.8	67.0	66.3	56.4	57.2	61.1
BUSINESS SUPPLIES	76.6	76.9	77.3	75.0	76.2	77.3
COMMERCIAL ENERGY PRODUCTS	18.5	19.2	18.9	18.7	18.8	19.0

Table 7
INDUSTRIAL PRODUCTION: GROSS VALUE OF PRODUCTS
Billions of 1972 dollars at annual rates, seasonally adjusted

MAJOR MARKET GROUPINGS	1972	1980		1980											
	DOLS-1	1980	1980	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
PRODUCTS, TOTAL	507.4	601.9	615.9	620.1	618.3	598.9	586.3	584.6	586.5	587.3	597.1	604.0	611.8	612.4	
FINAL PRODUCTS	390.9	465.2	471.3	476.6	475.4	464.5	456.0	455.2	456.3	453.4	461.1	467.0	473.5	472.6	
CONSUMER GOODS	277.5	313.3	317.6	319.5	320.5	312.1	305.4	305.5	307.6	304.8	311.8	315.8	320.7	317.7	
DURABLE CONSUMER GOODS	82.0	79.8	82.7	85.7	85.0	78.8	73.9	74.2	75.6	73.9	77.8	81.9	84.8	82.9	
AUTOMOTIVE PRODUCTS	41.1	36.1	36.0	39.7	38.9	34.4	31.7	32.8	34.9	32.5	35.6	38.5	40.2	37.9	
HOME GOODS	40.9	43.7	46.7	46.0	46.1	44.4	42.2	41.3	40.6	41.3	42.3	43.3	44.6	45.1	
NONDURABLE CONSUMER GDS	195.5	233.5	234.8	233.9	235.5	233.3	231.5	231.3	232.0	230.9	234.0	233.9	235.8	234.8	
CLOTHING	28.5	32.2	33.1	32.7	33.7	32.0	31.8	32.2	31.3	32.5	31.7	31.3	32.8		
CONSUMER STAPLES	167.0	201.3	201.7	201.2	201.8	201.3	199.7	199.1	200.7	198.4	202.2	202.6	203.0	203.6	
CONSUMER ENERGY PROD (HOME GOODS & CLOTHING)	39.2	43.1	44.0	43.7	43.7	43.1	42.3	42.5	43.1	43.2	43.4	42.6	42.7	43.1	
(HOME GOODS & CLOTHING)	69.4	75.8	79.8	78.6	79.8	76.4	74.0	73.5	71.9	73.8	74.0	74.6	77.5	76.2	
EQUIPMENT	113.4	152.0	153.8	157.1	154.9	152.4	150.5	149.7	148.7	148.6	149.2	151.2	152.9	154.9	
BUSINESS EQUIPMENT	80.6	110.8	112.9	116.0	113.9	111.4	109.8	109.1	107.9	107.8	108.1	109.4	110.6	112.4	
INDUSTRIAL EQUIPMENT	34.4	50.1	50.3	51.4	51.2	50.9	50.4	49.7	49.4	49.3	49.2	48.9	49.6	50.9	
COM'L, TRANSIT, FARM EQ	46.2	60.7	62.6	64.6	62.7	60.5	59.4	59.4	58.5	58.5	58.9	60.5	61.0	61.4	
DEFENSE & SPACE EQUIP.	32.7	41.2	40.9	41.1	41.0	41.0	40.7	40.6	40.8	40.8	41.1	41.8	42.2	42.6	
INTERMEDIATE PRODUCTS	116.6	136.7	144.6	143.5	142.9	134.4	130.4	129.4	130.2	133.9	136.0	137.1	138.3	139.8	
CONSTRUCTION SUPPLIES	57.8	60.3	67.3	66.2	65.5	58.7	55.8	54.8	54.9	57.4	59.3	60.3	61.1	61.8	
BUSINESS SUPPLIES	58.8	76.4	77.3	77.3	77.4	75.8	74.5	74.5	75.3	76.5	76.7	76.8	77.1	77.9	
COMMERCIAL ENERGY PROD	15.6	18.9	19.0	18.9	18.8	18.9	18.7	18.4	18.7	18.8	19.0	18.9	19.0	19.2	