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# FEDERAL RESERVE statistical release

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**G.17 (419) Supplemental Tables**

**For release at 9:15 a.m. (EDT)  
May 15, 2003**

## **INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION**

The attached tables contain detail on industrial production, capacity, utilization, and electric power use that are not contained in the G.17 release. Historical data for these series are available on the Board's website ([www.federalreserve.gov/releases/g17/download.htm](http://www.federalreserve.gov/releases/g17/download.htm)).

### **Tables**

1. Industrial Production: Industry Subtotals, Individual Series, and Market Groups
2. Capacity Utilization: Manufacturing, Mining, and Utilities
3. Industrial Capacity: Manufacturing, Mining, and Utilities
4. Electric Power Use: Manufacturing and Mining





Table 1 (continued)

## INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Item	NAICS	2002 IP Proportion <sup>1</sup>	Index, 1997 = 100											
			Seasonally adjusted						Not seasonally adjusted					
			2002 Nov.	Dec.	2003 Jan. <sup>r</sup>	Feb. <sup>r</sup>	Mar. <sup>r</sup>	Apr. <sup>p</sup>	2002 Nov.	Dec.	2003 Jan. <sup>r</sup>	Feb. <sup>r</sup>	Mar. <sup>r</sup>	Apr. <sup>p</sup>
<b>Nonmetallic mineral product</b>	<b>327</b>	2.50	110.2	108.0	109.7	109.0	108.4	107.6	110.7	104.1	102.1	101.8	102.3	106.3
Clay, lime, gypsum, and misc. nonmetallic mineral	3271,4,9	.79	99.1	97.5	97.9	96.9	96.0	95.1	97.5	93.9	95.2	94.3	94.4	96.1
Clay and misc. nonmetallic mineral products	3271,9	.66	100.5	99.9	98.0	96.2	95.5	94.6	98.1	96.6	96.1	93.8	93.6	95.1
Clay product and refractory	3271	.28	98.2	98.0	99.0	98.2	98.0	96.7	97.5	98.5	98.8	98.4	98.8	98.1
Pottery, ceramics, and plumbing fixture	32711	.12	93.1	92.2	94.8	93.8	93.6	91.3	93.9	94.8	95.1	94.1	94.2	91.7
Clay building material and refractories	32712	.16	102.7	103.2	102.7	102.1	101.9	101.6	100.7	101.8	102.0	102.2	102.9	103.8
Other nonmetallic mineral product	3279	.38	102.2	101.3	97.2	94.7	93.5		98.5	95.1	94.1	90.5	89.7	
Lime and gypsum product	3274	.13	94.4	87.2	99.6	102.6	100.9	99.8	96.8	82.1	93.2	99.2	101.1	103.7
Glass and glass product	3272	.65	110.1	109.7	108.9	108.7	107.8	107.3	111.1	104.7	106.2	108.1	106.1	106.8
Glass container	327213	.12	102.8	105.3	102.3	96.4	96.4		103.3	82.3	97.8	101.3	100.4	
Cement and concrete product	3273	1.05	120.9	116.9	121.6	120.8	120.5	119.7	123.1	113.5	106.2	104.9	107.5	115.9
Cement	32731	.21	104.4	97.3	112.3				100.9	75.2	74.7			
Concrete and product	32732-9	.85	125.8	122.7	124.5	126.5	125.8		129.6	124.6	115.4	112.2	112.2	
<b>Primary metal</b>	<b>331</b>	2.45	86.2	84.1	85.0	87.8	85.0	83.4	84.1	80.4	83.3	87.8	87.5	85.6
Iron and steel products	3311,2	1.06	92.6	88.5	92.9	95.7	91.3	88.9	88.0	82.4	89.5	94.7	94.2	90.9
Pig iron	3311,2pt.	.11	84.2	79.7	83.3	84.5	79.3		79.7	76.4	79.6	83.5	81.1	
Raw steel	3311,2pt.	.06	95.6	92.3	89.9	89.6	89.4		88.7	85.5	88.5	92.9	91.9	
Coke and products	3311,2pt.	.02	68.2	70.2	69.6	69.1	68.8	68.2	66.4	67.8	67.2	67.4	68.3	69.2
Construction steel	3311,2pt.	.13	113.5	102.8	105.8	102.0			108.0	97.5	100.9	98.2		
Consumer durable steel	3311,2pt.	.13	91.6	85.2	89.5	89.2			88.9	74.1	86.4	91.9		
Can and closure steel	3311,2pt.	.03	79.4	82.2	79.8	85.6			75.2	76.4	73.7	82.0		
Equipment steel	3311,2pt.	.06	61.7	60.3	70.8	62.5			57.2	54.3	70.1	64.5		
Miscellaneous steel	3311,2pt.	.52	97.8	94.5	99.8	107.7			93.2	88.8	96.2	105.6		
Alumina and aluminum production and processing	3313	.43	90.5	85.6	83.3	91.2	86.7	85.3	85.1	79.1	82.8	92.4	92.4	89.4
Primary aluminum production	331312	.06	76.5	77.7	78.8	78.4	76.9	74.9	77.6	78.0	78.4	78.7	77.0	75.3
Secondary smelting and alloying of aluminum	331314	.03	108.3	113.0	105.9	110.7			108.3	107.3	103.5	118.7		
Misc. aluminum materials	331315,9	.21	89.8	86.0	79.9	90.5			83.8	80.3	79.1	91.3		
Aluminum extruded product	331316	.11	95.5	81.8	85.5	94.7			84.8	68.1	85.5	95.2		
Nonferrous metal (except aluminum) production and processing	3314	.32	69.9	73.8	67.7	70.2	69.7	68.5	73.4	73.3	70.2	71.0	70.4	70.0
Nonferrous metal (except aluminum) smelting and refining	33141	.08	66.7	70.5	71.0	68.2	67.4	66.8	68.0	72.1	71.5	71.4	69.8	68.8
Primary smelting and refining of copper	331411	.04	45.9	45.1	48.4	45.5	45.0	44.6	47.5	47.0	47.2	46.7	45.5	45.7
Primary smelting and refining of nonferrous	331419	.04	88.0	99.9	94.7				88.6	100.5	98.3			
Foundries	3315	.65	82.4	82.2	83.5	83.1	82.5	81.8	83.3	82.1	81.1	83.4	83.4	83.3
<b>Fabricated metal product</b>	<b>332</b>	6.07	98.7	98.3	97.9	97.4	97.2	96.4	98.5	97.1	94.1	95.0	95.5	95.3
Forging and stamping	3321	.63	117.2	118.1	116.3	115.5	116.0		118.2	113.4	107.4	113.7	112.6	
Cutlery and handtool	3322	.30	88.3	87.4	87.9	85.5	86.0	84.2	90.7	89.8	87.4	84.8	85.8	83.9
Architectural and structural metals	3323	1.27	101.5	101.1	99.8	97.6	97.1	96.2	102.9	103.2	98.0	94.5	94.5	94.2
Hardware	3325	.28	96.8	95.4	97.2	98.7	99.3		93.9	92.5	92.4	96.0	97.0	
Spring and wire product	3326	.21	97.6	95.9	96.4	96.3	95.4	93.4	97.7	97.7	96.2	95.6	95.5	93.7
Machine shops; turned product; and screw, nut, and bolt	3327	1.28	100.2	100.4	100.0	101.5	101.5		97.4	94.4	93.1	96.9	98.1	
Coating, engraving, heat treating, and allied	3328	.51	107.4	106.4	106.9	105.8	103.8		107.4	103.2	100.1	103.2	102.3	
Other fabricated metal product	3329	1.18	89.7	88.9	89.3	89.0	89.2	88.2	90.5	91.4	89.5	89.4	89.7	87.9
Ball and roller bearing	332991	.14	85.6	85.5	83.9	84.5	85.6	85.8	85.8	87.0	86.5	87.3	87.2	85.3
<b>Machinery</b>	<b>333</b>	5.28	87.4	85.8	86.7	87.3	87.8	87.9	85.4	83.6	86.0	89.5	92.3	90.1
Agriculture, construction, and mining machinery	3331	.77	77.9	72.0	77.5	76.4	73.9	76.4	76.1	64.3	77.6	81.3	83.4	79.6
Agricultural implement	33311	.29	74.4	71.6	81.4	73.4	69.4	71.8	73.4	64.1	80.0	82.4	84.0	79.0
Farm machinery and equipment	333111	.21	71.4	67.5	82.0	69.8	65.9	69.5	71.2	56.0	77.4	78.1	81.8	74.7
Construction machinery	33312	.31	80.8	70.2	73.0	76.3	75.4	78.3	76.3	56.9	74.2	80.6	85.5	80.2
Mining and oil and gas field machinery	33313	.17	80.9	78.5	81.3	84.4	81.8	83.3	82.3	80.9	81.2	82.3	79.9	81.2
Industrial machinery	3332	.73	89.1	89.1	88.8	90.6	90.3	89.1	89.8	91.4	89.2	90.2	90.6	89.3
Commercial and service industry machinery and other	3333,9	1.73	85.5	85.6	86.2	86.2	86.1	85.8	86.2	88.0	86.0	86.2	86.0	85.8
HVAC, metalworking, and power transmission machinery	3334-6	2.05	93.2	91.4	90.9	92.4	95.2	95.2	87.5	85.8	89.0	96.5	103.4	99.5
Ventilation, heating, air-conditioning, and commercial refrigeration equipment	3334	.76	113.9	111.2	106.6	111.5	120.3	119.8	93.6	86.3	97.3	123.6	145.4	134.5
Metalworking machinery	3335	.66	79.8	79.3	80.4	80.6	80.5	79.8	80.0	81.9	81.4	80.9	80.9	79.3
Engine, turbine, and power transmission equipment	3336	.62	90.0	87.4	89.3	88.9	89.4	90.6	91.5	91.1	90.8	89.2	89.5	89.8

r Revised. p Preliminary.

1. The IP proportion data are estimates of the industries' relative contributions to overall IP growth in the following year.

Table 1 (continued)

## INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

Item	NAICS	2002 IP Proportion <sup>1</sup>	Index, 1997 = 100											
			Seasonally adjusted						Not seasonally adjusted					
			2002 Nov.	Dec.	2003 Jan. <sup>r</sup>	Feb. <sup>r</sup>	Mar. <sup>r</sup>	Apr. <sup>p</sup>	2002 Nov.	Dec.	2003 Jan. <sup>r</sup>	Feb. <sup>r</sup>	Mar. <sup>r</sup>	Apr. <sup>p</sup>
<b>Computer and electronic product</b>	<b>334</b>	8.09	224.5	224.5	226.6	226.5	228.2	229.3	229.8	235.9	219.7	221.5	234.4	221.3
Computer and peripheral equipment	3341	1.20	245.0	248.7	252.7	258.3	264.3	269.7	269.6	263.7	251.2	243.3	244.8	252.4
Communications equipment	3342	1.68	130.4	127.0	128.9	128.8	132.1	130.2	131.8	131.7	127.1	126.7	130.3	128.3
Audio and video equipment	3343	.10	70.2	74.5	84.8	77.6	74.7	76.5	80.2	72.4	69.1	80.8	65.6	71.2
Semiconductor and other electronic component	3344	2.46	515.5	514.2	512.1	515.7	520.6	531.2	516.5	559.6	471.2	496.0	589.7	492.1
Navigational, measuring, electromedical, and control	3345	2.49	99.8	100.4	101.7	100.1	99.1	98.3	100.4	102.1	101.6	100.4	99.6	98.6
<b>Electrical equipment, appliance, and component</b>	<b>335</b>	2.39	97.0	96.9	95.7	96.2	94.8	94.5	97.6	92.8	91.8	94.9	93.7	92.5
Household appliance	3352	.46	120.5	123.2	115.8	117.3	116.3	119.4	127.0	107.9	111.8	126.8	123.7	117.8
Small electrical appliance	33521	.11	94.1	101.0	94.6	91.6	96.1	97.2	125.3	100.9	84.7	82.7	89.4	80.0
Major appliance	33522	.35	130.9	131.8	124.1	127.4	124.1	128.1	127.0	110.4	122.6	144.7	137.5	133.1
Electrical equipment except appliances	3351,3-9	1.93	92.5	91.9	91.8	92.1	90.7	89.7	92.0	89.9	87.9	88.8	88.0	87.7
Electric lighting equipment	3351	.29	90.9	91.8	92.9	91.7	89.0		90.4	89.6	87.0	90.2	86.9	
Electrical equipment	3353	.73	83.9	82.6	82.3	83.5	82.5		82.3	79.6	79.5	80.4	78.8	
Other electrical equipment and component	3359	.92	101.0	100.6	100.4	100.4	99.0	98.2	101.5	99.6	96.0	96.2	96.9	96.4
Battery	33591	.18	104.6	105.1	106.2	108.0	108.3	109.8	105.3	104.8	95.9	94.7	107.2	104.2
Communication and energy wire and cable	33592	.24	93.5	93.8	90.4	90.3	90.6	88.2	95.6	96.2	91.4	90.1	90.5	88.4
Other electrical equipment	33593,9	.50	104.0	102.8	103.9	103.3	100.5		103.4	99.8	98.6	99.9	96.8	
<b>Transportation equipment</b>	<b>336</b>	10.41	109.1	105.5	109.0	106.9	105.8	104.2	104.6	94.5	105.8	110.6	112.3	106.9
Motor vehicle	3361	3.02	127.2	117.9	125.4	120.4	118.1	115.9	116.6	92.3	117.7	130.7	133.6	122.0
Automobile and light duty motor vehicle	33611	2.86	128.2	118.5	127.0	121.6	118.9	117.2	117.9	92.9	119.7	132.2	134.6	123.2
Automobile	336111	1.18	98.6	87.7	99.7	87.5	85.5	86.2	90.1	68.4	93.6	95.0	95.3	90.3
Light truck and utility vehicle	336112	1.68	156.2	147.9	152.6	154.5	151.2	146.8	144.2	116.4	144.2	167.9	172.6	154.7
Heavy duty truck	33612	.16	105.4	102.4	94.4	95.7	100.0	90.6	91.2	77.4	81.8	101.8	112.0	98.9
Motor vehicle body and trailer	3362	.40	113.4	107.2	106.6	104.5	103.9	101.2	96.1	93.6	99.7	104.0	113.5	114.6
Truck trailer	336212	.05	63.8	71.3	68.4	71.2	69.9	67.8	60.2	60.1	61.6	67.3	69.5	67.7
Motor home	336213	.06	131.2	110.1	103.8	109.9	109.6		104.7	100.2	97.8	109.7	134.0	
Travel trailer and camper	336214	.13	176.0	160.2	163.8	151.0	153.1	150.4	122.4	113.4	145.4	153.1	178.3	195.2
Motor vehicle parts	3363	3.70	122.3	118.8	122.7	120.7	119.3	116.9	117.3	104.2	119.1	124.3	126.0	119.9
Aerospace product and parts	3364	2.50	79.6	80.4	81.6	81.4	81.6	81.8	81.1	82.8	82.5	81.4	81.6	80.5
Aircraft and parts	336411-3	2.10	80.4	80.5	81.0	80.6	80.6	80.5	82.0	83.0	81.7	80.4	80.4	79.1
Railroad eq., ships and boats, and other	3365-9	.79	105.2	104.2	103.7	103.1	101.8	100.7	106.7	106.3	103.4	102.7	102.4	100.6
Railroad rolling stock	3365	.16	95.9	96.5	91.9	93.9	95.6	91.9	98.1	99.3	91.9	93.2	94.0	91.4
Ship and boat building	3366	.43	111.3	109.4	109.2	110.0	106.1	105.2	113.0	112.7	110.1	109.4	107.8	104.8
Other transportation equipment	3369	.20	102.0	101.3	104.0	97.9	99.3	100.5	101.6	99.5	100.3	97.7	99.0	100.4
<b>Furniture and related product</b>	<b>337</b>	1.69	100.6	98.9	98.8	99.0	97.5	96.1	98.7	96.7	93.9	97.6	95.3	95.0
Household and institutional furniture and kitchen	3371	.97	106.0	104.8	103.9	103.7	102.1		103.3	102.3	98.6	102.6	101.3	
Office and other furniture	3372,9	.71	94.1	91.7	92.5	93.2	91.9	90.8	93.1	89.9	88.2	91.4	88.0	88.5
<b>Miscellaneous</b>	<b>339</b>	3.10	108.6	110.0	109.5	109.2	110.0	109.6	107.0	107.9	105.4	104.1	106.2	107.6
Medical equipment and supplies	3391	1.73	115.2	117.5	117.5	118.9	119.2		110.1	111.9	111.2	109.9	111.5	
<b>Logging</b>	<b>1133</b>	.20	86.3	90.4	84.3	90.2	93.6	90.0	88.3	88.1	81.1	85.3	84.4	78.5
<b>Newspaper, periodical, book, and directory publishers</b>	<b>5111</b>	5.11	106.5	106.8	106.5	108.0	109.4	108.0	110.0	108.9	104.3	106.5	107.1	109.6
Newspaper publishers	51111	1.75	96.4	96.7	96.7	98.0	98.3	97.4	100.8	97.3	93.5	98.0	94.3	103.2
Periodical, book, and other publishers	51112-9	3.37	112.4	112.7	112.2	113.9	116.0	114.2	115.3	115.7	110.7	111.5	114.7	113.3

r Revised. p Preliminary.

1. The IP proportion data are estimates of the industries' relative contributions to overall IP growth in the following year.









**Table 4**  
**ELECTRIC POWER USE: MANUFACTURING AND MINING**

Item	2002 NAICS	1997 Billion KWH	Index, 1997 = 100											
			Seasonally adjusted						Not seasonally adjusted					
			2002 Oct.	Nov.	Dec.	2003 Jan. <sup>f</sup> Feb. <sup>f</sup> Mar. <sup>P</sup>			2002 Oct.	Nov.	Dec.	2003 Jan. <sup>f</sup> Feb. <sup>f</sup> Mar. <sup>P</sup>		
<b>Total industry</b>		983.9	89.7	88.7	88.7	87.8	87.9	86.7	91.7	88.5	87.2	86.1	85.7	85.3
<b>MAJOR INDUSTRY GROUPS</b>														
Manufacturing		890.9	90.0	88.9	88.8	87.9	88.0	86.7	92.1	88.5	87.2	85.9	85.5	85.2
Manufacturing (NAICS)		884.9	89.9	88.9	88.8	87.9	87.9	86.6	92.1	88.5	87.2	85.9	85.5	85.2
Durable manufacturing		386.5	90.7	89.9	90.1	88.5	88.6	87.5	92.3	88.2	87.0	85.9	86.1	86.0
Nondurable manufacturing		498.4	89.4	88.1	87.8	87.4	87.4	85.9	91.9	88.7	87.3	85.9	85.0	84.6
Other manufacturing (non-NAICS)		5.9	95.3	93.3	91.5	94.8	96.3	96.6	98.2	91.1	89.3	90.8	88.8	88.3
Mining	21	93.0	86.2	86.3	86.6	86.2	87.7	87.7	86.5	87.6	88.1	88.7	88.1	86.6
<b>INDUSTRY GROUPS AND SERIES</b>														
Oil and gas extraction	211	32.8	75.8	75.7	73.7	75.7	79.3	79.0	76.1	75.4	74.0	78.3	77.7	76.7
Mining (except oil and gas)	212	45.6	91.4	91.5	93.0	91.5	92.0	92.0	91.7	93.9	95.3	93.9	93.5	91.7
Support activities for mining	213	1.8	93.7	95.7	95.1	92.9	92.5	92.5	92.6	93.1	92.5	97.2	90.9	89.0
Food	311	60.6	96.6	95.7	95.5	96.7	97.5	96.3	100.2	95.9	93.1	93.0	91.2	90.5
Beverage and tobacco products	312	7.6	101.9	104.8	101.5	106.6	104.3	101.2	108.2	103.4	95.6	95.9	93.1	92.1
Textile mills	313	28.5	64.5	65.7	63.7	59.4	61.1	59.7	65.6	64.8	61.3	55.3	59.8	58.0
Textile product mills	314	4.8	71.2	72.8	72.0	71.4	70.8	66.8	76.3	68.0	65.9	63.0	67.0	63.2
Apparel	315	7.1	73.4	71.4	69.5	69.2	69.8	68.6	74.7	68.2	63.8	61.1	65.0	63.9
Leather and allied products	316	.9	78.1	76.8	75.3	75.5	75.5	75.2	78.4	75.1	73.0	73.2	74.3	73.1
Wood products	321	21.9	89.0	89.0	88.7	89.0	90.8	89.4	88.6	87.2	86.6	87.4	91.5	89.9
Paper	322	109.5	85.0	84.8	85.4	86.4	84.3	83.1	86.7	84.6	85.0	85.3	81.6	82.7
Printing and support	323	14.3	101.1	99.2	98.8	99.6	98.4	97.0	105.7	96.9	92.5	92.0	89.1	88.8
Petroleum and coal products	324	49.1	102.4	100.8	99.7	96.9	97.6	96.2	101.8	99.6	98.9	97.5	93.1	93.3
Chemical	325	166.1	86.2	83.8	84.1	83.7	83.8	82.2	89.3	86.6	86.4	85.0	83.9	83.5
Plastics and rubber products	326	49.9	103.4	102.7	100.6	101.0	101.4	100.1	106.6	101.5	96.4	93.5	98.6	97.6
Nonmetallic mineral products	327	37.6	100.4	100.3	99.1	99.4	99.7	98.0	104.3	101.0	97.8	94.9	93.7	92.1
Primary metal	331	132.6	85.0	83.7	86.3	82.1	83.3	82.0	85.1	82.0	83.8	82.7	81.7	82.9
Fabricated metal products	332	41.5	98.6	98.6	98.1	98.3	98.9	98.3	101.2	97.3	94.4	93.1	96.9	96.0
Machinery	333	26.9	91.7	90.3	88.7	89.6	90.7	88.7	93.1	87.9	84.4	85.4	87.2	85.4
Computer and electronic products	334	37.8	89.1	87.0	85.0	85.9	84.4	84.8	90.7	84.5	81.9	82.5	80.1	81.7
Electrical equipment, appliances, and components	335	16.4	86.6	85.7	84.0	85.0	84.4	82.6	88.0	84.4	80.8	80.9	81.7	79.8
Transportation equipment	336	53.2	92.2	92.5	91.5	88.9	86.7	86.0	95.6	89.9	86.6	84.3	85.0	84.2
Furniture and related products	337	8.4	89.6	89.9	86.8	88.0	87.8	86.4	90.9	87.7	84.5	83.5	86.7	84.9
Miscellaneous	339	10.1	102.4	102.0	103.8	102.3	102.9	100.7	105.8	98.5	98.2	96.9	97.1	95.7
Logging	1133	.3	54.3	52.7	49.5	52.1	50.5	45.3	51.4	49.4	48.8	49.9	50.3	49.7
Newspaper, periodical, book, and directory publishers	5111	5.7	96.8	94.8	93.1	96.4	98.1	98.5	99.9	92.6	90.8	92.3	90.2	89.7
<b>SUPPLEMENTARY GROUPS</b>														
Total ex. nuclear nondefense		962.6	90.4	89.6	89.4	88.4	88.4	87.5	91.9	88.6	87.1	86.1	85.5	85.3
Utility sales to industry		913.5	88.5	87.9	87.6	86.8	86.5	85.9	90.1	86.8	85.0	83.8	83.8	83.3
Industrial generation		70.4	115.1	117.1	121.6	120.1	120.5	115.5	117.6	115.7	123.7	123.6	115.4	117.5

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