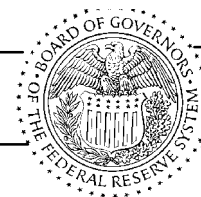


FEDERAL RESERVE statistical release



G.17 (419) Supplemental Tables

**For release at 9:15 a.m. (EST)
December 15, 2008**

INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION

The attached tables contain detail on industrial production, capacity, and utilization 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).

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

Table 1
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

		2007 IP Proportion ¹	Index, 2002 = 100												
Item	NAICS		Seasonally adjusted						Not seasonally adjusted						
			2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p	2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p	
Oil and gas extraction		211	7.79	98.1	99.8	98.5	84.9	93.9	98.0	99.2	99.9	98.2	84.7	93.8	97.7
Crude petroleum and natural gas extraction		211111	7.15	98.2	99.8	98.4	85.1	94.0	98.1	99.3	99.9	98.1	84.9	93.7	97.5
Crude oil		211111pt.	2.89	86.9	88.2	84.8	69.8	80.2	86.0	87.8	87.8	84.1	69.2	79.7	85.7
Natural gas		211111pt.	4.26	107.0	108.8	109.0	97.0			108.3	109.3	108.9	97.1		
Natural gas liquid extraction		211112	.65	96.6	99.2	99.7	81.8	92.5	97.1	96.9	99.3	98.4	82.2	94.0	98.7
Mining (except oil and gas)		212	1.91	99.9	100.8	101.3	100.6	102.9	100.5	105.3	105.3	105.7	105.3	106.1	100.9
Coal mining		2121	.70	98.9	105.3	108.2	106.6	108.6		101.4	102.6	108.7	107.0	108.4	
Metal ore mining		2122	.58	120.8	118.0	121.4	119.7	117.6	116.2	121.7	118.9	121.9	122.5	119.6	117.2
Iron ore mining		21221	.04	113.9	104.1	109.0	101.3	99.9		116.0	112.2	111.2	100.8	102.5	
Gold ore and silver ore mining		21222	.13	80.5	81.9	82.5	82.2	81.4	80.6	83.5	79.5	80.7	87.2	84.6	86.3
Copper, nickel, lead, and zinc mining		21223	.24	121.5	116.2	122.1	120.1	117.7	115.5	123.3	116.9	119.6	124.1	118.4	115.0
Nonmetallic mineral mining and quarrying		2123	.64	83.3	81.5	77.6	78.5	84.4	78.9	94.6	95.6	88.6	88.6	91.7	79.1
Support activities for mining		213	1.91	155.4	156.0	158.5	161.9	159.3	158.2	156.4	157.6	161.7	163.2	161.1	157.2
Drilling oil and gas wells		213111	.77	179.9	179.2	183.3	189.6	187.5	181.9	180.2	182.5	188.0	191.3	188.6	182.6
Electric power generation, transmission and distribution		2211	7.98	112.3	111.3	105.7	108.7	109.3	111.0	118.5	128.0	124.4	114.2	102.5	100.5
Electric power generation		22111	3.21	108.7	106.9	101.5	104.4	104.9	106.4	116.7	120.3	115.8	107.1	96.0	98.7
Hydroelectric power generation		221111	.19	119.8	107.0	98.9				145.2	115.8	92.3			
Fossil fuel and other electric power generation		221112,9	1.68	110.3	108.7	101.0				119.0	127.9	124.3			
Nuclear electric power generation		221113	1.34	105.1	104.7	102.5				109.6	112.1	109.5			
Electric power transmission, control, and distribution		22112	4.77	114.9	114.4	108.7	111.9	112.5	114.3	119.8	133.5	130.5	119.3	107.2	101.9
Commercial and other electricity sales		22112pt.	1.92	124.5	125.8	120.3				132.1	142.7	139.8			
Industrial electricity sales		22112pt.	.80	103.2	103.3	100.8				105.7	107.8	107.6			
Residential electricity sales		22112pt.	2.04	111.7	109.6	102.4				115.3	136.4	132.1			
Natural gas distribution		2212	1.70	99.4	98.1	95.4	95.8	97.2	98.8	56.9	55.8	54.3	51.4	65.0	96.2
Commercial and other gas sales		2212pt.	.29	93.0	96.6	93.6	93.1			51.3	48.7	48.2	49.3		
Industrial gas sales		2212pt.	.14	102.8	98.7	94.5	99.7			106.4	117.4	116.2	101.0		
Residential gas sales		2212pt.	.81	96.1	94.5	92.8	90.8			35.7	29.3	27.2	28.8		
Gas transmission		2212pt.	.46	100.2	97.3	93.8	97.4			83.8	89.2	88.0	78.5		
Food		311	8.26	112.4	111.8	112.0	111.7	113.3	113.1	113.4	112.3	114.8	114.8	116.1	113.8
Animal food		3111	.61	127.7	129.0	135.1	135.7	139.5	138.8	127.5	128.4	133.0	135.1	139.4	138.2
Grain and oilseed milling		3112	.82	106.5	105.3	104.0	102.5	103.6	103.2	104.3	104.9	103.7	103.7	107.4	105.5
Sugar and confectionery product		3113	.54	109.8	107.8	102.0	112.6	114.0	111.4	100.3	96.3	101.3	116.6	125.0	123.8
Fruit and vegetable preserving and specialty food		3114	.86	99.0	94.5	91.0	94.4	99.1	103.6	95.8	101.2	109.9	114.8	106.1	103.1
Dairy product		3115	.90	110.2	110.3	112.3	110.3	114.4	113.5	119.6	112.9	109.7	104.2	106.3	104.8
Dairy product (except frozen)		31151	.75	110.2	113.1	114.1	111.7	117.7	116.6	115.6	112.1	108.3	104.3	109.7	110.6
Fluid milk		311511	.36	109.6	110.7	109.9	110.2	110.6		112.6	109.3	107.7	106.6	106.2	
Creamery butter		311512	.01	120.2	110.4	130.0	117.7	111.5		105.9	93.0	100.3	102.7	105.9	
Cheese		311513	.20	111.1	114.4	112.8	111.6	113.0		112.2	109.0	109.9	110.1	112.6	
Dry, condensed, and evaporated dairy product		311514	.18	110.3	116.8	123.3	114.7	137.4		124.3	120.6	107.1	92.6	112.7	
Ice cream and frozen dessert		31152	.15	110.7	98.3	104.6	104.3	99.7		138.5	117.1	116.5	104.1	90.8	
Animal slaughtering and processing		3116	1.80	117.1	118.5	119.4	119.1	114.9	114.0	121.0	116.4	120.3	120.0	121.4	114.4
Animal (except poultry) slaughtering and meat		311611-3	.89	108.0	111.4	108.0	111.1	108.9	108.0	111.5	107.7	110.4	112.4	114.3	110.4
Beef		311611-3pt.	.51	99.4	102.6	100.3	103.1	100.9		109.0	105.1	106.9	104.7	103.7	
Pork		311611-3pt.	.38	122.4	126.2	121.0	124.7	122.4		117.1	113.3	117.3	125.8	132.0	
Miscellaneous meats		311611-3pt.	.01	80.5	80.9	81.3	82.3	79.4		77.7	74.4	76.8	81.3	81.8	
Poultry processing		311615	.91	127.2	126.3	131.9	127.8	121.6		131.4	125.9	131.3	128.2	129.1	
Bakeries and tortilla		3118	1.11	96.3	96.2	96.4	92.9	94.8	91.2	96.7	96.1	96.8	95.0	96.1	94.2
Other food		3119	1.44	130.5	128.6	127.8	125.2	128.9	130.6	131.5	129.4	129.7	128.6	130.9	133.3
Coffee and tea		31192	.13	114.4	112.8	109.9	109.8	113.5	114.5	115.9	114.1	112.9	110.8	111.4	115.1
Beverage and tobacco product		312	2.49	101.6	100.7	98.9	98.6	97.7	98.3	110.0	96.9	104.7	97.9	102.5	99.0
Beverage		3121	1.40	113.3	109.7	109.2	108.9	106.5	106.9	119.7	111.0	113.4	106.8	106.5	109.1
Soft drink and ice		31211	.62	110.8	109.1	106.0	105.9	104.3	101.4	116.0	118.7	115.5	105.7	102.1	99.4
Breweries		31212	.42	113.1	106.2	110.2				125.4	115.6	115.4			
Tobacco		3122	1.09	88.8	90.8	87.7	87.3	88.1	88.9	99.4	81.4	95.1	88.1	98.2	88.0
Textile mills		313	.48	62.7	62.8	64.7	62.2	61.3	58.7	63.7	61.4	64.7	62.9	61.9	58.3
Fiber, yarn, and thread mills		3131	.10	70.6	73.3	74.4	68.2	70.7		71.1	72.1	75.7	67.9	72.9	
Fabric mills		3132	.27	63.5	63.0	65.3	63.3	60.7	58.2	64.6	61.2	64.9	64.3	61.3	58.6
Textile and fabric finishing and fabric coating		3133	.11	54.8	54.4	56.1	55.2	55.2	53.5	56.2	53.5	55.8	55.9	54.7	52.8
Textile product mills		314	.45	85.9	85.9	84.9	83.7	83.8	81.9	90.8	89.7	87.1	84.1	85.7	78.1
Textile furnishings mills		3141	.27	72.2	71.9	70.8	69.9	68.6	67.8	77.1	77.8	74.1	70.1	71.8	62.4
Carpet and rug mills		31411	.20	79.7	78.9	78.2	77.6	76.9		86.5	87.4	82.7	78.1	82.4	
Other textile product mills		3149	.18	112.4	113.1	112.2	110.4	113.4	109.3	117.5	112.9	112.4	111.1	112.7	108.8

^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

			Index, 2002 = 100												
			2007 IP	Seasonally adjusted						Not seasonally adjusted					
Item	NAICS	Proportion ¹	2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p	2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p	
Apparel	315	.49	71.3	72.4	72.7	71.5	69.8	70.2	73.1	71.9	73.0	71.6	69.9	70.2	
Leather and allied product	316	.09	108.8	106.5	109.1	109.8	103.4	99.9	109.9	102.2	107.0	109.3	104.1	100.9	
Wood product	321	1.19	89.0	88.0	87.3	84.3	79.8	78.1	93.0	88.5	89.7	86.6	82.2	76.7	
Sawmills and wood preservation	3211	.25	90.1	88.8	89.4	87.6			93.5	89.2	90.0	87.2			
Plywood and misc. wood products	3212,9	.93	88.7	87.7	86.7	83.4	79.0	77.7	92.7	88.3	89.6	86.4	81.1	77.0	
Veneer, plywood, and engineered wood product	3212	.26	77.2	74.4	76.5	70.8	66.4	66.0	83.4	76.7	77.5	73.8	67.4	61.0	
Veneer and plywood	321211,2	.08	85.0	80.3	81.9				93.0	75.8	84.0				
Reconstituted wood product	321219	.09	89.1	83.1	91.7	79.1	70.7	68.4	94.3	87.5	87.7	82.6	72.7	58.7	
Other wood product	3219	.67	93.8	93.5	91.3	89.0	84.4	82.8	97.0	93.5	94.9	92.0	87.0	83.8	
Millwork	32191	.36	96.9	96.6	96.0	94.5	90.3	87.1	100.3	98.5	99.4	96.8	92.1	88.2	
Wood container and pallet	32192	.09	131.7	130.4	129.4	121.9	118.4	116.8	135.1	134.7	131.8	127.0	119.7	117.3	
All other wood product	32199	.22	78.0	78.1	73.6	71.9	66.7	67.0	81.1	74.5	77.9	75.1	70.6	68.1	
Manufactured home	321991	.08	61.1	65.2	58.4	53.5			65.7	56.1	65.1	58.9			
Paper	322	2.54	94.6	93.8	94.5	91.3	89.5	87.7	95.7	93.9	94.5	91.6	91.6	86.6	
Pulp, paper, and paperboard mills	3221	1.35	95.9	95.9	95.4	93.2	92.0	90.4	96.5	95.9	96.3	93.4	92.8	90.1	
Pulp mills	32211	.06	92.3	94.1	94.9	91.9	90.4		92.8	94.7	96.7	92.5	89.4		
Paper mills	32212	.89	99.4	98.3	97.1	94.9	93.7	92.0	99.8	97.8	97.6	94.5	95.2	91.7	
Paper (except newsprint) mills	322121	.85	100.5	99.4	97.9	95.9	94.9		101.0	98.7	98.5	95.6	96.3		
Paperboard mills	32213	.40	88.6	90.6	91.5	89.4	88.2		89.7	91.7	92.9	90.5	88.0		
Converted paper product	3222	1.19	93.2	91.6	93.5	89.2	86.8	84.8	94.9	91.8	92.6	89.8	90.3	82.9	
Paperboard container	32221	.57	93.6	91.8	95.0	90.9	85.2		96.7	92.8	94.1	91.7	91.8		
Paper bag and coated and treated paper	32222	.29	98.1	95.4	96.8	90.9	92.9	90.9	99.1	95.0	95.9	91.1	93.7	91.4	
Other converted paper products	32223,9	.33	89.1	88.4	88.9	85.5	84.8	83.6	89.0	87.7	88.0	85.9	85.6	83.0	
Printing and related support activities	323	1.87	94.2	92.6	94.0	93.2	93.2	92.3	93.5	91.5	94.0	94.5	94.2	93.3	
Petroleum and coal products	324	5.24	110.0	110.3	108.6	96.8	107.2	107.1	114.7	114.3	112.9	97.7	106.4	106.7	
Petroleum refineries	32411	4.80	111.1	111.3	109.4	96.7	108.5	108.4	115.3	114.8	113.0	96.8	107.0	107.9	
Aviation fuel and kerosene	32411pt.	.54	105.3	106.5	105.1	87.5			106.5	109.6	107.2	88.2			
Distillate fuel oil	32411pt.	1.19	132.0	131.0	128.4	109.1			135.9	134.0	132.7	109.4			
Automotive gasoline	32411pt.	2.25	105.7	107.8	106.5	100.4			109.1	109.5	108.2	99.5			
Residual fuel oil	32411pt.	.15	122.1	102.5	103.6	90.1			122.3	102.9	101.9	85.5			
Other refinery output	32411pt.	.67	100.5	99.8	95.6	76.0	85.1	90.4	110.8	110.2	106.6	79.4	79.9	82.6	
Paving, roofing, and other petroleum and coal	32412,9	.44	102.3	103.2	104.5	101.1	97.5	97.3	112.1	113.6	115.9	111.7	103.3	97.4	
Chemical	325	11.57	112.7	112.3	111.2	102.1	108.6	104.7	113.3	111.6	111.1	102.0	108.3	104.1	
Basic chemical	3251	3.00	112.6	112.4	111.0	87.1	102.5	93.6	111.6	110.8	109.3	87.6	103.9	94.9	
Organic chemicals	32511,9	2.17	118.6	117.8	116.1	82.0	102.5	89.4	119.5	118.6	116.9	82.7	103.3	89.5	
Basic inorganic chemicals	32512-8	.83	104.5	105.4	104.6	102.2	107.1	107.1	98.9	98.5	97.4	102.3	109.7	110.9	
Industrial gas	32512	.16	141.9	140.0	137.9	136.8	136.9	136.4	143.9	140.7	138.1	136.9	136.7	135.9	
Synthetic dye and pigment	32513	.12	85.3	88.7	84.2	81.6	81.2	83.6	85.4	86.8	86.7	83.3	81.9	84.8	
Other basic inorganic chemical	32518	.55	99.2	100.3	100.7	97.9	105.2	104.6	90.6	90.4	89.5	97.6	108.7	110.0	
Alkalies and chlorine	325181	.11	108.1	108.6	104.5	71.1	104.2		107.8	110.7	106.9	72.5	100.9		
All other basic inorganic chemical	325188	.43	97.6	98.7	100.1	104.4	106.1	104.8	86.4	85.5	85.1	103.5	111.3	112.0	
Acids, phosphates, and sulfates	325188pt.	.05	116.7	116.9	116.9	116.8	116.6	116.1	117.1	116.1	116.0	116.4	115.8	115.7	
Misc. inorganic chemicals	325188pt.	.21	89.1	88.4	88.0	88.0	88.3	88.2	88.4	86.9	86.1	86.1	87.9	88.9	
Resin, synthetic rubber, and synthetic fibers	3252	1.18	106.1	102.6	100.0	74.8	96.0	86.5	106.9	104.6	101.8	75.0	95.1	85.3	
Resin and synthetic rubber	32521	1.07	110.3	106.6	104.3	75.5	99.7	88.9	110.9	109.0	106.0	75.7	99.0	87.7	
Plastics material and resin	325211	.99	109.7	105.9	103.6	73.0	99.8		110.3	108.6	105.5	73.4	99.1		
Synthetic rubber	325212	.08	114.8	113.1	111.6	101.8	97.9	103.9	115.0	112.9	110.1	100.2	96.0	102.9	
Artificial and synthetic fibers and filaments	32522	.11	76.1	73.8	68.6	71.7	68.7		78.7	72.5	71.2	71.7	67.1		
Pesticide, fertilizer, and other agricultural	3253	.49	108.4	111.8	109.2	103.1	107.9	106.1	109.9	111.2	107.8	99.5	106.6	104.7	
Pharmaceutical and medicine	3254	4.53	119.5	120.0	119.4	120.4	119.8	119.7	119.5	117.1	118.5	120.2	119.6	118.8	
Paints, soaps and toiletries, and other chemical	3255-9	2.38	107.7	106.7	106.1	104.6	105.8	103.7	111.3	109.1	108.4	104.9	103.5	101.9	
Paints and other chemical products	3255,9	1.19	95.2	93.0	92.2	90.4	90.7	87.9	101.4	96.4	94.6	90.2	87.9	84.5	
Paint, coating, and adhesive	3255	.54	102.2	98.3	96.5	95.9	94.8	92.1	114.9	105.9	101.9	95.6	89.9	84.6	
Paint and coating	32551	.38	89.5	86.9	85.4	85.0	84.2	83.1	105.0	97.6	90.8	83.8	77.2	72.6	
Soaps and toiletries	3256	1.19	120.0	120.5	120.3	119.1	121.4	120.2	120.2	121.6	122.3	120.1	119.9	120.6	
Plastics and rubber products	326	3.04	102.4	102.7	100.9	99.0	96.7	93.8	104.0	100.3	101.3	100.2	97.0	93.8	
Plastics product	3261	2.53	103.3	103.5	101.9	100.3	97.5	94.7	104.7	102.1	102.0	101.5	97.8	95.0	
Rubber product	3262	.51	98.2	98.3	95.8	92.3	92.5	89.7	100.6	91.9	97.6	93.8	93.0	88.1	
Tire	32621	.20	87.7	84.4	84.3	76.7	77.3	73.9	91.3	77.3	88.5	77.9	77.6	69.3	
Rubber products ex. tires	32622,9	.31	106.2	108.8	104.4	104.0	103.9	101.4	107.7	102.7	104.6	105.5	104.5	101.9	

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	2007 IP Proportion ¹	Index, 2002 = 100											
			Seasonally adjusted						Not seasonally adjusted					
			2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p	2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p
Nonmetallic mineral product	327	2.25	103.8	105.1	104.1	101.4	102.1	98.4	109.0	108.4	109.1	105.4	106.0	99.0
Clay, lime, gypsum, and misc. nonmetallic mineral	3271,4,9	.72	100.7	101.1	103.7	101.5	101.0	96.3	103.5	102.0	104.6	102.1	101.4	96.1
Clay and misc. nonmetallic mineral products	3271,9	.57	102.2	103.6	104.6	102.7	103.9	98.7	104.8	104.1	105.9	103.7	103.9	99.6
Clay product and refractory	3271	.15	74.2	75.0	76.7	75.7	76.1	72.8	75.7	75.0	77.4	75.4	74.3	72.4
Pottery, ceramics, and plumbing fixture	32711	.06	82.2	84.2	88.8	86.7	88.4	80.6	82.2	82.9	90.6	87.9	87.5	83.1
Clay building material and refractories	32712	.10	69.1	69.1	69.0	68.7	68.2	67.7	71.5	70.0	68.9	67.3	65.8	65.5
Other nonmetallic mineral product	3279	.42	118.6	120.3	120.8	118.5	120.1	113.9	121.8	121.0	122.5	120.3	121.2	115.5
Lime and gypsum product	3274	.15	97.0	93.2	102.6	98.6	91.6	88.9	100.8	95.7	101.9	98.1	93.7	84.2
Glass and glass product	3272	.44	110.6	112.0	109.4	101.5	102.2	102.4	111.2	108.9	109.6	102.9	104.3	103.9
Glass container	327213	.08	91.1	94.3	89.4	86.3	90.0		92.7	95.1	91.4	85.8	92.9	
Cement and concrete product	3273	1.09	103.1	104.9	102.4	101.5	103.0	98.1	111.9	112.6	111.9	108.7	109.8	99.0
Cement	32731	.23	102.9	108.0	103.0	102.9	111.4		121.3	117.7	119.5	113.3	125.6	
Concrete and product	32732-9	.86	102.8	103.7	101.9	100.8	100.3	96.1	109.5	111.3	110.1	107.6	105.8	97.9
Primary metal	331	2.70	109.9	112.0	110.3	104.6	96.3	89.1	110.6	109.1	109.2	105.4	97.9	87.9
Iron and steel products	3311,2	1.32	114.5	119.8	116.2	104.7	88.3	76.4	115.4	117.0	114.7	105.6	91.8	74.4
Pig iron	3311,2pt.	.11	98.3	103.9	107.8	95.0	74.6		100.1	99.1	105.5	96.3	74.8	
Raw steel	3311,2pt.	.08	118.3	122.8	121.2	108.8	95.3		119.5	118.5	119.2	111.8	95.1	
Coke and products	3311,2pt.	.02	93.4	93.2	93.0	92.6	89.8	87.1	95.0	94.8	93.5	92.6	90.3	87.2
Construction steel	3311,2pt.	.16	110.9	126.3	113.1	100.5	92.0		114.5	130.4	114.4	100.8	92.4	
Consumer durable steel	3311,2pt.	.17	113.5	117.4	114.0	111.9	87.9		112.5	101.5	113.4	113.6	96.9	
Can and closure steel	3311,2pt.	.03	102.3	103.2	101.3	105.7	90.0		111.5	100.0	104.5	106.7	92.3	
Equipment steel	3311,2pt.	.08	120.0	126.0	129.0	123.5	119.9		124.1	124.4	126.3	124.3	121.5	
Miscellaneous steel	3311,2pt.	.65	119.5	123.1	119.0	103.6	85.4		118.9	122.0	116.4	103.9	89.7	
Alumina and aluminum production and processing	3313	.37	109.5	104.0	102.4	99.0	97.2	94.8	111.0	102.6	103.7	103.5	99.5	91.4
Primary aluminum production	331312	.08	106.6	104.3	103.5	103.6	101.1	96.4	106.7	103.6	102.6	102.4	100.3	96.8
Secondary smelting and alloying of aluminum	331314	.07	230.0	206.8	190.9	200.5			234.2	196.6	196.6	213.3		
Misc. aluminum materials	331315,9	.14	97.7	94.2	95.3	88.0	86.5		97.5	94.2	96.3	93.9	88.9	
Aluminum extruded product	331316	.06	81.0	75.9	75.8	68.4	68.8		86.0	74.9	77.8	73.4	70.0	
Nonferrous metal (except aluminum) production and processing	3314	.45	98.6	100.8	102.5	103.6	103.9	100.6	97.1	98.0	101.4	103.1	103.3	101.3
Nonferrous metal (except aluminum) smelting and refining	33141	.14	87.6	85.4	80.8	82.6	79.6	81.0	84.5	80.3	77.5	80.3	81.0	81.1
Primary smelting and refining of copper	331411	.07	66.9	62.7	59.2	60.9	58.1	58.8	67.7	60.3	59.7	59.2	57.3	56.8
Primary smelting and refining of nonferrous	331419	.07	113.1	114.2	108.4				103.7	105.0	98.8			
Foundries	3315	.56	110.3	110.1	109.7	109.1	106.8	103.1	111.9	106.0	108.0	108.6	105.6	103.3
Fabricated metal product	332	5.58	110.1	109.7	110.2	108.9	107.0	104.6	110.9	108.7	110.5	109.8	107.6	104.9
Forging and stamping	3321	.44	122.0	123.0	121.0	121.6	119.9	117.7	122.3	119.3	120.7	122.0	120.6	117.9
Cutlery and handtool	3322	.17	68.7	69.3	70.6	68.3	65.1	63.2	68.1	68.5	69.6	68.0	65.8	63.7
Architectural and structural metals	3323	1.35	111.9	113.7	116.2	114.5	112.3	109.8	113.5	115.1	118.3	116.5	114.6	111.1
Hardware	3325	.17	61.6	62.1	63.3	62.6	58.9	54.9	62.6	61.4	62.0	61.9	58.4	55.6
Spring and wire product	3326	.14	79.8	79.1	79.0	78.6	78.4	73.8	81.6	77.5	79.2	78.9	77.9	74.8
Machine shops; turned product; and screw, nut, and bolt	3327	1.19	131.2	130.2	130.1	128.3	127.7	125.3	131.3	126.7	129.5	128.6	128.0	125.7
Coating, engraving, heat treating, and allied	3328	.46	114.9	113.3	114.6	110.9	107.1	104.9	113.8	110.6	114.3	112.0	108.2	105.7
Other fabricated metal product	3329	1.24	110.0	107.6	106.8	106.4	103.7	101.7	110.5	106.6	106.8	106.3	103.6	102.0
Ball and roller bearing	332991	.15	93.0	91.9	91.0	90.0	87.8	85.7	95.3	93.3	92.3	90.3	87.5	86.6
Machinery	333	4.89	112.1	111.1	112.9	110.0	107.7	105.2	115.3	107.6	111.1	110.2	107.8	104.1
Agriculture, construction, and mining machinery	3331	1.02	138.6	144.3	147.9	143.3	135.6	136.5	142.4	134.6	144.6	143.4	138.8	135.0
Agricultural implement	33311	.37	95.9	112.9	113.6	102.8	101.4	102.9	98.7	104.4	110.3	101.8	101.4	102.1
Farm machinery and equipment	333111	.29	91.4	112.9	113.6	102.2	99.7	102.8	96.0	104.8	112.3	102.4	101.3	102.7
Construction machinery	33312	.36	140.6	137.2	147.4	147.4	126.0	127.8	147.2	124.7	142.5	150.7	132.2	124.1
Mining and oil and gas field machinery	33313	.29	233.5	228.9	227.8	230.0	230.9	228.6	235.6	221.9	228.1	227.4	237.1	229.7
Industrial machinery	3332	.68	104.5	99.8	102.2	96.6	93.6	89.4	105.9	99.6	102.5	96.5	92.7	89.2
Commercial and service industry machinery and other	3333,9	1.69	121.0	120.7	122.3	120.5	120.3	116.9	121.7	120.0	121.4	119.7	119.8	117.2
HVAC, metalworking, and power transmission machinery	3334-6	1.50	95.4	92.1	93.1	90.8	89.4	86.6	101.3	87.5	90.2	92.1	88.8	84.0
Ventilation, heating, air-conditioning, and commercial refrigeration equipment	3334	.58	104.3	96.8	94.9	91.3	89.2	86.3	117.8	90.6	88.3	93.9	84.6	76.7
Metalworking machinery	3335	.49	102.9	103.9	103.4	101.9	99.2	96.7	103.1	101.7	100.9	101.8	101.0	99.7
Engine, turbine, and power transmission equipment	3336	.43	78.2	75.5	81.2	79.8	80.4	77.5	80.4	70.4	82.3	80.9	82.3	77.6

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	2007 IP Proportion ¹	Index, 2002 = 100											
				Seasonally adjusted					Not seasonally adjusted						
				2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p	2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p
Computer and electronic product		334	6.85	209.7	208.9	206.9	203.6	201.5	199.1	219.1	201.0	205.8	217.3	203.4	206.0
Computer and peripheral equipment		3341	.98	211.1	206.2	202.0	197.7	194.5	192.3	218.4	209.6	202.1	201.7	207.2	213.5
Communications equipment		3342	1.28	204.4	200.4	197.3	198.0	198.9	194.8	206.8	199.5	196.3	201.6	203.8	200.3
Audio and video equipment		3343	.09	126.7	148.0	142.8	130.1	129.3	128.2	123.3	121.4	135.3	157.3	157.5	157.1
Semiconductor and other electronic component		3344	2.06	338.7	344.2	340.4	332.0	323.5	316.7	378.7	304.0	336.5	394.1	313.1	321.1
Navigational, measuring, electromedical and control		3345	2.35	132.8	131.4	131.3	129.6	129.2	129.3	133.8	130.8	131.4	130.5	129.5	131.5
Electrical equipment, appliance, and component		335	1.93	106.7	106.4	105.5	101.8	102.0	99.8	107.0	103.6	104.6	103.0	103.3	101.3
Household appliance		3352	.29	94.5	93.7	90.2	82.5	85.7	78.0	93.0	83.9	88.2	86.0	93.4	84.4
Small electrical appliance		33521	.05	64.5	62.6	63.1	63.4	62.7	61.0	57.7	57.0	67.1	77.6	83.4	91.3
Major appliance		33522	.25	103.3	102.9	98.2	88.1	92.5	83.0	103.3	91.8	94.4	88.6	96.6	82.7
Electrical equipment except appliances		3351,3-9	1.64	109.0	108.8	108.4	105.5	105.0	103.9	109.7	107.3	107.6	106.2	105.2	104.5
Electric lighting equipment		3351	.23	95.3	96.4	92.4	93.5	90.3	85.4	93.8	95.2	92.2	93.7	90.7	87.4
Electrical equipment		3353	.67	124.1	122.3	122.9	119.5	119.1	118.8	124.2	121.4	121.5	119.8	119.1	119.6
Other electrical equipment and component		3359	.73	101.2	101.8	101.6	98.0	98.4	97.6	102.9	99.8	101.2	99.3	98.5	97.6
Battery		33591	.12	114.9	116.2	114.4	105.4	105.2	104.2	121.2	111.6	112.7	112.8	106.9	103.0
Communication and energy wire and cable		33592	.20	93.7	94.2	94.3	92.6	93.8	94.3	94.8	91.4	94.2	92.7	91.5	94.5
Other electrical equipment		33593,9	.41	100.7	101.3	101.4	98.1	98.3	96.9	101.6	100.4	101.3	98.5	99.3	97.2
Transportation equipment		336	8.62	100.6	101.6	95.0	88.2	85.1	88.2	104.5	86.6	96.3	89.7	88.3	86.4
Motor vehicle		3361	2.28	85.6	90.0	74.3	77.0	72.5	69.5	94.3	59.8	77.6	80.1	79.5	63.9
Automobile and light duty motor vehicle		33611	2.19	86.0	90.6	74.1	77.1	72.3	68.9	94.8	59.6	77.6	80.2	79.3	63.5
Automobile		336111	.68	88.1	109.7	94.9	93.2	87.8	79.1	95.1	75.6	100.7	97.0	96.5	73.0
Light truck and utility vehicle		336112	1.51	84.5	80.6	63.4	68.6	64.2	63.5	94.3	51.4	65.8	71.4	70.3	58.5
Heavy duty truck		33612	.09	83.2	80.9	83.4	80.0	81.7	86.7	87.5	68.3	81.3	83.3	90.1	77.1
Motor vehicle body and trailer		3362	.37	84.4	77.4	72.6	69.7	67.6	68.0	89.7	74.1	73.0	70.9	66.6	62.5
Truck trailer		336212	.07	89.0	89.4	91.9	84.9	79.2	75.9	98.8	85.3	91.4	93.3	82.7	72.3
Motor home		336213	.06	44.9	33.4	29.2	28.2	30.3		48.9	29.8	29.4	30.5	29.0	
Travel trailer and camper		336214	.11	97.1	78.9	75.3	68.2	65.0	66.2	108.0	75.4	74.1	66.1	61.8	53.0
Motor vehicle parts		3363	2.47	88.2	89.9	84.7	84.7	83.2	81.5	91.9	72.4	86.5	86.1	87.2	80.5
Aerospace product and parts		3364	2.70	130.5	129.8	129.4	102.9	98.9	115.5	129.9	128.2	129.2	103.2	98.3	116.7
Aircraft and parts		336411-3	2.27	133.7	133.0	132.9	101.1	95.4	116.0	132.9	131.1	132.7	101.5	95.0	117.3
Railroad eq., ships and boats, and other		3365-9	.80	109.8	105.6	103.7	99.6	98.9	98.9	110.8	102.8	101.6	100.1	99.3	98.5
Railroad rolling stock		3365	.13	107.3	101.5	101.9	102.3	97.2	98.1	108.2	98.6	98.9	101.7	98.7	99.9
Ship and boat building		3366	.47	100.8	94.7	92.8	85.4	87.3	87.4	102.8	90.8	90.2	86.0	87.0	86.3
Other transportation equipment		3369	.20	135.6	138.1	134.7	137.3	132.0	131.1	133.7	138.8	135.2	138.2	133.8	131.6
Furniture and related product		337	1.43	93.7	92.8	89.2	87.6	84.8	82.3	95.0	93.1	93.0	88.6	83.9	82.1
Household and institutional furniture and kitchen		3371	.77	82.7	81.0	78.6	75.7	72.9	70.8	83.6	79.7	80.1	76.3	72.8	70.9
Office and other furniture		3372,9	.66	108.4	108.5	103.3	103.6	100.8	97.7	110.4	111.3	110.5	105.1	98.8	97.2
Miscellaneous		339	3.09	116.1	116.6	118.8	116.7	116.0	114.1	117.2	114.4	119.1	117.1	115.9	114.7
Medical equipment and supplies		3391	1.80	125.3	126.4	130.9	129.4	127.7	126.7	126.7	125.7	131.4	129.3	126.8	125.9
Logging		1133	.17	102.0	105.3	101.5	100.8	106.3	108.1	103.6	109.8	111.5	110.4	115.0	110.4
Newspaper, periodical, book, and directory publishers		5111	3.52	87.8	86.4	85.9	85.6	85.6	85.0	91.5	95.2	92.6	88.4	85.4	84.3
Newspaper publishers		51111	1.10	70.4	69.3	68.2	67.4	66.6	65.8	69.8	67.4	63.3	69.5	71.8	67.8
Periodical, book, and other publishers		51112-9	2.42	97.3	95.7	95.5	95.4	95.9	95.4	103.2	110.2	108.4	98.6	92.8	93.3
STAGE-OF-PROCESS GROUPS (CAPACITY ²)															
Crude			16.09	105.8	107.0	106.4	94.7	102.2	102.7	106.6	106.9	106.4	94.9	102.6	102.6
Primary and semifinished			47.29	108.7	108.3	106.4	103.3	104.2	102.5	110.9	108.8	109.4	104.5	102.4	100.4
Finished			36.62	116.5	116.3	114.9	112.3	111.5	111.7	118.6	112.9	116.2	113.7	113.4	112.1

r Revised. p Preliminary.

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

2. Industrial production aggregates consistent with the stage-of-process capacity groups.

Table 1 (continued)

INDUSTRIAL PRODUCTION: MARKET GROUP SUMMARY

Item	NAICS	2007 IP Proportion ¹	Index, 2002 = 100											
			Seasonally adjusted						Not seasonally adjusted					
			2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p	2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p
Total index		100.00	111.3	111.3	109.8	105.2	106.8	106.1	113.2	110.3	111.6	106.3	106.6	105.2
Products and nonindustrial supplies		56.13	110.7	110.6	109.0	106.1	106.6	106.3	112.3	109.7	111.3	106.9	106.5	105.4
Final products		41.28	112.5	112.3	110.5	107.6	108.2	108.3	113.7	110.2	112.5	107.9	107.9	107.5
Consumer goods		29.33	106.2	106.2	103.9	102.4	104.0	103.3	107.1	104.0	106.4	102.4	103.1	101.9
Durable		6.68	96.7	97.4	91.3	90.3	88.2	85.5	100.4	86.6	92.6	92.4	91.2	84.7
Automotive products		3.23	92.3	93.6	83.2	84.4	81.4	79.3	98.4	74.4	85.1	86.5	85.4	75.4
Autos and trucks, consumer		1.85	82.0	86.1	70.3	73.1	68.5	65.3	90.5	56.6	73.6	76.1	75.1	60.2
Auto parts and allied goods		1.38	109.3	106.0	104.5	103.2	102.8	102.5	111.4	103.6	104.0	103.8	102.4	100.4
Other goods		3.45	101.0	101.1	99.1	96.1	94.7	91.5	102.3	98.5	99.8	98.1	96.9	93.8
Home electronics		.31	174.2	179.4	175.3	168.0	165.9	163.0	166.1	162.0	165.4	176.8	185.1	192.2
Appliances, furniture, and carpeting		1.08	85.4	84.9	81.5	78.0	76.7	73.7	85.9	82.8	84.1	78.8	77.8	73.7
Household appliances		.23	97.6	95.3	90.9	84.5	88.5	80.9	96.0	83.4	87.5	86.3	94.8	86.6
Carpeting and furniture		.85	82.1	82.1	78.9	76.1	73.5	71.6	83.1	82.4	83.0	76.7	73.2	70.2
Miscellaneous goods		2.06	100.8	100.8	99.8	97.6	96.2	92.9	103.5	99.4	100.5	99.6	97.5	94.1
Nondurable		22.65	109.1	108.9	107.8	106.1	108.8	108.7	109.2	109.3	110.6	105.5	106.8	107.1
Non-energy		16.27	109.0	108.7	108.6	108.4	108.8	108.6	111.5	109.4	112.2	110.3	110.4	108.5
Foods and tobacco		8.99	109.2	108.7	108.5	108.2	109.2	109.1	112.5	108.9	113.3	111.2	112.7	109.6
Clothing		.54	75.0	75.6	76.3	75.2	73.1	73.0	76.8	74.7	76.3	75.3	73.2	73.1
Chemical products		4.71	119.0	119.4	118.9	119.4	119.3	118.9	119.3	117.6	118.9	119.6	119.0	118.2
Paper products		1.56	95.8	94.5	94.5	93.8	94.2	93.6	100.2	105.0	103.8	96.2	92.0	92.0
Miscellaneous goods		.48	117.5	118.4	121.6	120.1	119.2	117.7	119.4	117.6	122.0	120.0	118.3	117.0
Energy		6.38	109.8	109.6	106.3	101.2	109.0	109.2	104.2	109.3	107.1	94.7	98.5	103.9
Fuels		3.52	113.5	114.7	112.9	102.8	115.6	114.1	117.1	116.7	115.5	102.2	114.9	114.9
Residential utilities		2.86	108.0	105.9	100.4	102.1	103.0	105.7	90.5	103.0	99.4	87.6	79.3	92.7
Equipment, total		11.95	129.6	129.0	128.7	121.2	118.9	121.5	131.6	126.9	129.0	122.3	120.2	122.4
Business equipment		9.38	130.4	129.8	129.3	119.9	116.8	120.6	132.8	127.3	129.4	121.0	118.3	121.5
Transit		1.71	120.1	120.6	115.4	76.0	67.7	95.6	122.4	110.3	116.0	77.4	70.1	94.0
Business vehicles		.44	108.6	114.8	99.4	101.5	97.4	95.2	118.4	79.8	102.5	105.5	106.8	87.0
Business light vehicles		.34	117.8	127.1	105.1	109.2	103.0	98.3	129.5	83.9	110.0	113.5	112.8	90.5
Autos		.13	88.8	109.7	94.3	92.1	86.4	77.5	95.8	75.6	100.1	95.9	94.8	71.6
Trucks		.21	145.9	141.5	112.9	124.0	117.6	117.7	162.5	90.0	116.9	128.8	128.5	108.2
Information processing		2.72	172.6	169.6	167.8	166.1	165.5	164.3	176.8	170.8	168.6	168.8	169.0	169.8
Industrial and other		4.95	113.5	113.6	115.0	112.6	110.3	108.2	115.3	112.1	114.7	112.8	110.6	108.1
Industrial equipment		2.75	118.8	117.2	118.9	116.9	114.4	111.8	119.9	115.0	117.7	116.8	115.0	112.1
Other equipment		2.20	107.4	109.5	110.5	107.5	105.6	104.0	109.9	108.8	111.3	108.3	105.5	103.5
Oil and gas well drilling and manufactured homes		.84	148.9	149.2	151.0	154.7	152.5	147.7	150.0	149.8	155.7	157.0	155.0	148.7
Defense and space equipment		1.73	120.3	119.0	119.2	116.4	117.8	117.7	120.4	118.4	118.9	117.1	117.8	118.7
Nonindustrial supplies		14.85	105.7	105.8	104.9	102.2	102.5	100.8	108.4	108.3	108.0	104.3	102.8	99.7
Construction supplies		4.21	101.3	101.9	100.9	99.0	97.6	94.4	106.6	105.4	104.6	102.4	99.6	93.9
Other business supplies		10.64	107.5	107.4	106.6	103.5	104.4	103.4	109.1	109.5	109.4	105.1	104.1	102.1
General business supplies		7.70	104.6	104.1	104.3	101.2	101.7	99.8	106.6	104.7	105.4	103.2	102.4	100.0
Commercial energy products		2.94	116.7	117.9	114.0	111.0	113.1	114.3	117.4	123.8	121.5	111.5	110.3	108.8
Materials		43.87	112.1	112.2	110.7	104.2	107.0	106.0	114.5	111.1	112.1	105.6	106.8	105.0
Non-energy		29.30	115.4	115.0	113.8	107.9	108.9	105.4	118.1	111.9	114.5	110.2	109.8	105.2
Durable		17.55	125.4	125.4	123.9	121.3	118.5	114.9	129.2	119.3	124.3	125.0	120.0	115.0
Consumer parts		2.92	86.4	87.0	81.5	81.0	77.8	75.0	89.5	69.3	81.4	81.2	80.8	73.1
Equipment parts		6.02	182.4	182.2	182.8	178.9	176.7	173.2	190.2	173.9	181.8	189.4	175.9	175.4
Computer and other board assemblies and parts		.31	144.9	153.5	150.1	144.3	148.1	146.6	155.9	145.8	155.2	158.1	154.3	155.3
Semiconductors, printed circuit boards, and other		1.64	398.6	400.4	396.6	388.2	374.8	366.6	447.2	354.5	389.9	462.3	359.9	370.4
Other equipment parts		4.07	124.4	123.4	124.7	122.2	121.4	119.0	125.2	121.3	124.2	122.7	121.8	120.0
Other		8.62	108.4	108.3	107.6	104.9	102.2	98.5	110.6	108.0	108.8	106.8	103.9	98.4
Basic metals		2.83	112.1	112.3	112.3	107.5	101.2	95.8	112.7	110.4	111.4	108.7	102.5	95.2
Miscellaneous materials		5.78	106.8	106.6	105.7	103.9	103.0	100.2	109.8	107.1	107.8	106.2	104.9	100.3
Nondurable		11.75	100.8	99.9	99.1	89.6	94.8	91.7	102.2	100.4	100.0	90.1	95.2	91.1
Textile		.52	67.4	67.8	69.6	67.1	66.4	63.6	68.9	66.5	69.7	67.8	67.0	63.1
Paper		2.23	95.1	94.5	94.6	92.5	91.9	90.4	95.4	94.2	95.0	93.0	92.7	90.5
Chemical		5.78	108.9	108.0	106.0	87.5	99.5	94.1	110.6	109.3	107.7	88.0	98.9	92.9
Other materials		3.22	101.2	99.8	99.9	98.4	97.7	97.2	103.0	100.3	100.0	99.1	99.6	96.9
Containers		.94	95.1	94.4	95.2	92.4	89.4	87.3	98.6	96.7	96.4	94.6	92.6	84.2
Miscellaneous materials		2.28	104.2	102.4	102.3	101.3	101.7	101.8	105.3	102.1	101.9	101.3	102.9	102.7
Energy		14.58	104.1	104.9	103.1	95.6	101.5	104.4	105.8	107.2	105.7	95.6	99.4	102.3
Primary energy		10.42	102.8	104.2	103.0	93.1	99.8	103.1	104.7	105.1	103.6	92.8	98.1	101.7
Converted fuel		4.15	106.5	105.4	101.7	101.6	105.1	106.6	107.5	112.0	110.2	102.3	101.7	102.5

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

Table 2
CAPACITY UTILIZATION: MANUFACTURING, MINING, AND UTILITIES

Percent of capacity, seasonally adjusted

Item	NAICS	2007 Proportion	1972- 2007 Ave.	1982 Low	1988- 1989 High	1990- 1991 Low	1994- 1995 High	2001- 2002 Low	2007 Nov.	2008 June ^r	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	Nov. ^p
Total industry		100.00	81.0	70.9	85.0	78.6	85.1	73.6	81.1	79.6	79.5	78.3	75.0	76.0	75.4
STAGE-OF-PROCESS GROUPS															
Crude		13.93	86.6	78.2	88.3	84.4	89.5	81.9	89.5	88.8	89.8	89.3	79.4	85.6	86.0
Primary and semifinished		47.15	82.2	67.9	86.4	77.8	88.2	74.6	81.5	79.6	79.2	77.7	75.4	75.9	74.6
Finished		38.92	77.7	71.0	82.8	77.1	80.4	69.9	77.5	76.1	75.8	74.8	73.0	72.4	72.4
INDUSTRY GROUPS															
Manufacturing		80.83	79.7	68.5	85.4	77.1	84.6	71.5	79.3	77.3	77.1	76.2	73.1	73.4	72.3
Manufacturing (NAICS)	31-33	77.04	79.5	67.8	85.3	77.0	84.7	71.0	79.3	77.4	77.2	76.3	73.0	73.4	72.2
Durable manufacturing		41.25	78.0	62.9	84.6	73.5	84.2	68.1	77.9	75.3	75.3	73.9	71.3	69.6	68.5
Wood products	321	1.36	79.9	59.4	87.3	72.7	87.9	70.7	69.6	65.9	65.2	64.7	62.6	59.2	58.0
Nonmetallic mineral products	327	2.35	79.4	62.9	85.4	71.7	84.0	74.9	79.1	74.3	75.1	74.3	72.3	72.7	70.0
Primary metal	331	2.64	80.9	46.9	93.8	75.0	95.8	68.5	83.5	82.2	83.7	82.4	78.1	71.8	66.4
Iron and steel products	3311,2	1.24	82.4	38.0	97.9	71.3	100.3	69.5	89.5	86.3	90.3	87.5	78.8	66.4	57.4
Fabricated metal products	332	5.64	77.5	61.8	81.7	72.7	85.5	69.5	81.6	78.6	78.3	78.6	77.7	76.3	74.5
Machinery	333	5.15	78.7	58.0	85.3	74.0	87.6	63.7	77.1	74.2	73.5	74.6	72.5	70.9	69.2
Computer and electronic products	334	7.82	78.3	77.4	81.9	76.7	83.7	58.2	78.0	77.8	76.9	75.5	73.7	72.4	70.9
Computer and peripheral equip.	3341	1.13	77.9	67.1	79.7	69.8	86.3	66.8	78.6	78.0	75.6	73.5	71.4	69.6	68.3
Communications equipment	3342	1.45	75.7	84.8	85.3	76.9	82.8	40.4	80.7	82.5	80.2	78.3	77.9	77.6	75.4
Semiconductor and related electronic components	334412-9	2.35	80.8	76.7	82.9	78.0	92.2	57.4	81.6	78.5	78.5	76.4	73.4	70.4	67.8
Electrical equipment, appliances, and components	335	1.87	83.2	64.6	89.1	77.0	93.1	72.0	83.4	83.6	83.2	82.3	79.3	79.3	77.4
Transportation equipment	336	9.51	75.5	56.1	86.7	67.7	79.8	69.1	75.8	71.1	71.7	67.0	62.1	59.9	62.0
Motor vehicles and parts	3361-3	5.82	77.4	44.9	89.5	56.0	89.0	69.7	72.6	65.9	67.7	60.2	60.9	58.7	57.0
Autos and light trucks	33611	2.59	77.6	39.7	94.5	53.5	89.5	74.7	70.5	63.0	66.3	54.2	56.2	52.7	50.1
Aerospace and miscellaneous transportation equipment	3364-9	3.69	72.7	69.0	87.4	81.0	68.8	62.8	80.8	79.2	78.1	77.5	64.1	62.0	69.8
Furniture and related products	337	1.53	78.6	65.7	82.2	67.6	83.2	68.2	76.9	71.4	70.7	68.0	66.9	64.8	62.9
Miscellaneous	339	3.38	76.6	68.9	82.5	77.3	81.2	70.5	74.4	73.4	73.6	75.0	73.5	73.0	71.7
Nondurable manufacturing		35.78	81.6	75.4	86.7	81.4	85.4	74.8	80.9	79.7	79.4	78.9	75.0	77.6	76.3
Food	311	7.92	82.4	80.3	85.8	83.4	84.1	77.3	84.3	84.6	84.0	84.1	83.8	84.9	84.7
Beverage and tobacco products	312	2.76	79.0	78.0	86.9	73.9	86.0	64.9	71.2	68.2	67.6	66.4	66.2	65.6	66.0
Textile mills	313	.55	81.9	72.3	91.4	77.8	93.6	66.0	69.0	65.1	65.6	68.0	65.6	65.0	62.6
Textile product mills	314	.52	82.0	70.4	90.7	75.4	88.7	73.2	68.1	65.9	66.0	65.2	64.2	64.4	62.9
Apparel	315	.55	78.9	76.5	84.6	77.2	88.8	60.8	72.7	72.0	73.3	73.8	72.8	71.3	71.9
Leather and allied products	316	.11	75.3	75.9	78.8	70.2	81.6	53.9	70.6	76.9	75.5	77.5	78.2	73.8	71.4
Paper	322	2.50	87.6	81.4	92.6	86.1	92.4	78.5	82.4	82.0	81.3	82.0	79.2	77.7	76.2
Printing and support	323	2.00	83.5	80.4	91.7	82.6	86.5	72.6	76.7	72.1	70.8	71.8	71.1	71.0	70.2
Petroleum and coal products	324	4.21	85.9	68.8	88.2	82.4	90.5	83.8	88.5	90.2	90.4	89.0	79.4	87.9	87.9
Chemical	325	11.69	78.3	67.9	85.0	79.9	81.2	69.4	79.0	77.0	76.7	75.8	69.5	73.9	71.2
Plastics material and resin	325211	.86	87.0	65.5	91.8	79.5	101.6	80.6	89.8	87.1	84.0	82.2	58.0	79.2	
Synthetic rubber	325212	.09	76.3	54.6	94.0	71.9	86.4	54.6	70.9	77.6	76.4	75.3	68.7	66.1	70.0
Artificial and synthetic fibers and filaments	32522	.11	81.5	63.1	94.1	75.7	90.9	57.3	81.7	74.4	72.1	67.1	70.0	67.0	
Plastics and rubber products	326	2.98	83.6	71.8	89.8	76.4	91.8	74.6	85.0	81.7	81.8	80.2	78.6	76.7	74.3
Other manufacturing (non-NAICS)	1133,5111	3.79	84.5	86.7	91.1	80.4	83.0	80.3	79.0	76.0	74.9	74.4	74.0	74.3	73.8
Mining	21	9.90	87.5	79.6	86.3	83.6	88.7	84.8	90.0	90.9	92.1	91.5	82.8	88.7	90.9
Oil and gas extraction	211	6.16	92.1	89.5	91.9	89.6	94.8	89.8	94.6	95.5	97.0	95.8	82.4	91.2	95.1
Mining (except oil and gas)	212	1.91	83.8	67.6	90.3	80.0	86.9	78.7	79.2	77.6	78.2	78.6	78.0	79.7	77.8
Coal mining	2121	.66	86.0	76.3	92.5	79.5	87.0	78.8	86.7	80.7	85.9	88.2	86.8	88.4	
Metal mining	2122	.58	78.6	32.5	91.2	80.9	90.0	66.3	78.3	85.8	83.5	85.7	84.2	82.5	81.2
Stone and earth minerals	2123	.67	82.8	63.6	89.2	75.9	90.8	78.9	72.8	67.4	66.1	63.0	63.9	68.9	64.5
Support activities for mining	213	1.84	75.2	53.3	63.0	53.1	76.6	64.9	85.6	88.1	88.4	89.7	91.6	90.1	89.4
Utilities	2211,2	9.27	86.8	77.7	92.7	84.1	93.9	84.6	86.3	85.9	84.9	80.9	82.7	83.1	84.3
Electric	2211	7.55	88.3	78.5	94.1	87.1	96.6	87.3	87.2	86.9	86.0	81.5	83.7	83.9	85.1
Natural gas	2212	1.72	79.9	72.9	86.5	67.4	87.6	70.4	80.8	80.7	79.5	77.4	77.6	78.8	80.0
SPECIAL AGGREGATES															
Selected high-technology industries		4.93	78.1	75.1	81.7	75.3	85.6	55.9	80.7	79.4	78.1	76.1	74.0	72.1	69.9
Manufacturing ex. selected high-tech industries		75.90	79.8	68.0	85.8	77.2	84.5	72.8	79.2	77.2	77.1	76.2	73.0	73.5	72.4
Manufacturing ex. selected high-tech and motor vehicles and pts.		70.08	80.0	69.4	85.5	79.1	84.2	72.6	79.8	78.1	77.8	77.5	74.0	74.7	73.7

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Table 3
INDUSTRIAL CAPACITY: MANUFACTURING, MINING, AND UTILITIES

Item	NAICS	Percent change								Capacity indexes						
		Annual rate			Fourth quarter to fourth quarter					Percent of 2002 output						
		1972-2008 Ave.	1972-1975 Ave.	1975-2008 Ave.	2004	2005	2006	2007	2008 ^p	2007 Nov.	2008 June	July	Aug.	Sept.	Oct.	Nov.
Total industry		2.6	3.1	2.6	.2	.8	1.3	1.8	1.5	138.5	139.9	140.0	140.2	140.3	140.5	140.6
STAGE-OF-PROCESS GROUPS																
Crude		.4	1.3	.3	-.7	-.8	.9	1.4	.5	118.8	119.2	119.2	119.2	119.3	119.3	119.4
Primary and semifinished		2.7	3.7	2.6	.7	.8	1.2	2.1	1.9	134.9	136.5	136.7	136.9	137.1	137.3	137.4
Finished		3.3	3.4	3.3	.4	2.3	1.8	1.7	1.8	151.6	153.2	153.4	153.6	153.9	154.1	154.3
INDUSTRY GROUPS																
Manufacturing		2.9	3.3	2.9	.2	1.4	1.4	2.0	1.7	143.4	145.0	145.2	145.3	145.5	145.7	145.9
Manufacturing (NAICS)	31-33	3.0	3.3	3.0	.2	1.5	1.4	2.0	1.8	145.1	146.7	146.9	147.1	147.3	147.5	147.7
Durable manufacturing		4.0	3.4	4.1	.5	2.6	2.4	3.3	2.9	157.6	160.5	160.9	161.2	161.6	161.9	162.3
Wood products	321	1.5	2.2	1.4	.4	1.1	2.6	.9	-.6	135.4	135.0	135.0	134.9	134.8	134.7	134.6
Nonmetallic mineral products	327	1.1	.9	1.2	1.4	1.5	2.0	1.8	1.4	138.7	139.8	140.0	140.1	140.3	140.4	140.6
Primary metal	331	-.2	.8	-.4	-2.0	2.2	-.6	.4	1.1	132.8	133.7	133.8	133.9	134.0	134.1	134.3
Iron and steel products	3311,2	-.5	-.1	-.6	4.0	3.4	3.2	.1	.7	132.2	132.6	132.7	132.8	132.9	133.0	133.1
Fabricated metal products	332	1.5	3.3	1.3	-.4	.4	.8	1.6	.7	139.3	140.0	140.1	140.2	140.2	140.3	140.4
Machinery	333	1.7	3.9	1.5	.2	1.0	1.3	2.1	1.6	149.6	151.1	151.3	151.5	151.7	151.8	152.0
Computer and electronic products	334	14.9	12.4	15.3	4.1	9.6	7.5	14.1	11.6	251.4	269.5	271.7	274.0	276.2	278.4	280.7
Computer and peripheral equip.	3341	24.3	33.0	23.3	.2	35.7	13.2	15.1	11.7	252.1	270.5	272.7	274.9	277.1	279.4	281.6
Communications equipment	3342	10.9	11.0	10.8	-4.3	-3.7	1.6	9.3	10.5	233.6	247.8	249.9	252.0	254.0	256.1	258.2
Semiconductor and related electronic components	334412-9	22.7	17.5	23.3	15.7	14.0	14.2	32.0	24.1	383.1	439.2	446.4	453.5	460.6	467.8	475.1
Electrical equipment, appliances, and components	335	1.3	3.8	1.0	-2.6	-2.3	.9	2.1	2.3	126.0	127.7	127.9	128.2	128.4	128.7	128.9
Transportation equipment	336	1.9	1.7	2.0	.1	.6	1.3	-1.2	.8	141.1	141.5	141.7	141.8	142.0	142.1	142.3
Motor vehicles and parts	3361-3	2.6	3.1	2.5	-.2	.8	1.9	-2.3	.1	132.0	131.8	131.9	131.9	132.0	132.1	132.2
Autos and light trucks	33611	2.9	3.7	2.8	.4	2.5	5.2	-5.1	.4	136.8	136.4	136.6	136.8	137.1	137.3	137.5
Aerospace and miscellaneous transportation equipment	3364-9	.9	-.1	1.1	-1.0	.3	.4	.5	1.7	157.0	158.5	158.7	159.0	159.2	159.5	159.7
Furniture and related products	337	2.2	3.9	2.0	-2.2	-.9	.2	-.6	-.7	131.9	131.3	131.2	131.1	131.0	131.0	130.9
Miscellaneous	339	3.1	3.6	3.0	2.4	4.0	3.2	3.9	2.0	155.9	158.1	158.3	158.5	158.7	158.9	159.1
Nondurable manufacturing		1.7	3.0	1.6	-.1	.5	.3	.7	.6	131.8	132.3	132.4	132.4	132.5	132.5	132.6
Food	311	2.0	2.8	1.8	.5	.9	1.2	1.4	1.2	132.0	133.0	133.1	133.2	133.3	133.4	133.6
Beverage and tobacco products	312	.6	1.1	.5	.8	1.7	.2	.5	.4	148.4	148.8	148.9	148.9	149.0	149.0	149.1
Textile mills	313	-.4	2.6	-.8	-6.4	-5.8	-5.7	-6.0	-5.8	99.6	96.2	95.7	95.2	94.7	94.3	93.8
Textile product mills	314	1.6	2.4	1.5	-.7	-.2	.3	-.1	-.1	130.3	130.2	130.2	130.2	130.2	130.2	130.2
Apparel	315	-2.0	1.3	-2.4	-12.3	-3.7	-4.2	-3.7	-3.4	101.1	99.1	98.8	98.5	98.2	97.9	97.6
Leather and allied products	316	-3.2	-1.8	-3.3	-4.7	-2.6	-2.7	-2.1	-2.5	143.5	141.4	141.1	140.8	140.5	140.1	139.8
Paper	322	1.3	3.1	1.1	-.5	-1.0	-.1	-.2	-.5	115.7	115.4	115.3	115.3	115.3	115.2	115.2
Printing and support	323	2.4	3.4	2.3	-2.8	-1.0	.9	1.4	1.3	129.7	130.7	130.8	131.0	131.1	131.2	131.4
Petroleum and coal products	324	1.2	5.7	.7	6.4	1.5	.3	-.3	-.2	122.1	122.0	122.0	122.0	121.9	121.9	121.9
Chemical	325	2.5	3.8	2.4	1.8	2.2	.3	1.6	1.3	145.2	146.4	146.5	146.7	146.8	147.0	147.1
Plastics material and resin	325211	3.1	5.6	2.8	10.6	6.9	-2.5	.9	.2	125.6	126.1	126.0	126.0	126.0	125.9	125.9
Synthetic rubber	325212	1.5	3.1	1.4	-1.2	-2.9	.0	.6	.6	147.5	147.9	148.0	148.1	148.2	148.3	148.3
Artificial and synthetic fibers and filaments	32522	.2	14.2	-1.3	-14.6	-4.5	-.2	-6.4	-.9	103.4	102.3	102.3	102.4	102.4	102.5	102.5
Plastics and rubber products	326	3.3	5.4	3.1	-2.9	.1	.7	1.5	1.9	123.9	125.3	125.5	125.7	125.9	126.1	126.3
Other manufacturing (non-NAICS)	1133,5111	1.1	3.1	.8	-.6	-.2	1.1	.6	.3	116.2	116.4	116.4	116.5	116.5	116.5	116.5
Mining	21	-.1	-.4	.0	-1.3	-1.1	1.4	1.7	.7	114.2	114.7	114.8	114.9	114.9	115.0	115.1
Oil and gas extraction	211	-.9	-2.6	-.7	-2.5	-2.4	-.4	.6	.8	102.3	102.8	102.8	102.9	103.0	103.0	103.1
Mining (except oil and gas)	212	1.5	1.7	1.4	1.4	2.1	1.0	-.1	.7	128.3	128.8	128.9	129.0	129.1	129.1	129.2
Coal mining	2121	1.5	2.5	1.4	-.7	4.1	1.2	.6	.6	122.2	122.6	122.7	122.7	122.8	122.8	122.9
Metal mining	2122	1.5	1.6	1.5	-.2	-.5	2.0	-.2	3.9	137.7	140.7	141.2	141.7	142.2	142.7	143.1
Stone and earth minerals	2123	.8	.4	.8	2.1	.6	-.3	-1.1	-2.2	125.1	123.6	123.3	123.1	122.8	122.6	122.3
Support activities for mining	213	1.0	6.0	.4	.0	2.7	7.6	8.2	2.1	173.5	176.3	176.5	176.6	176.8	176.9	177.1
Utilities	2211,2	2.5	6.1	2.1	2.9	.7	.8	1.2	2.2	126.3	128.1	128.3	128.5	128.7	128.9	129.1
Electric	2211	3.2	8.3	2.6	3.4	.6	.8	2.4	2.4	127.4	129.2	129.5	129.7	130.0	130.2	130.4
Natural gas	2212	.1	-1.0	.2	.1	-.2	-.4	-.3	.3	123.1	123.3	123.3	123.3	123.4	123.4	123.4
SPECIAL AGGREGATES																
Selected high-technology industries		20.3	19.2	20.4	5.5	13.1	10.3	21.4	17.6	306.7	339.4	343.6	347.8	352.0	356.2	360.5
Manufacturing ex. selected high-tech industries		1.7	2.7	1.6	-.2	.7	.8	.8	.8	135.9	136.6	136.7	136.7	136.8	136.9	137.0
Manufacturing ex. selected high-tech and motor vehicles and pts.		1.6	2.7	1.5	-.2	.7	.7	1.0	.9	136.2	137.0	137.0	137.1	137.2	137.3	137.4