FEDERAL RESERVE statistical release



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Percent change

INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION

Industrial production rose 0.4 percent in March after having increased 1.1 percent in February. For the first quarter as a whole, output moved up at an annual rate of 5.0 percent, its largest gain since the first quarter of 2012. Manufacturing output edged down 0.1 percent in March after having risen 0.9 percent in February; the

(over)

Industrial Production and Capacity Utilization: Summary

Seasonally adjusted

	2012			2013			2012			2013			Mar. '12 to
Industrial production	Oct.r	Nov. ^r	Dec.r	Jan. ^r	Feb. ^r	Mar. ^p	Oct.r	Nov. ^r	Dec.r	Jan. ^r	Feb.r	Mar. ^p	Mar. '13
Total index	96.8	98.0	98.1	98.0	99.1	99.5	1	1.2	.1	1	1.1	.4	3.5
Previous estimates	96.8	98.0	98.2	98.3	99.0		1	1.2	.1	.1	.8		
Major market groups													
Final Products	94.5	96.0	95.9	95.5	96.7	97.4	7	1.6	1	4	1.2	.8	3.9
Consumer goods	91.9	93.2	93.0	93.1	94.1	95.2	6	1.4	2	.0	1.1	1.1	4.2
Business equipment	98.9	101.3	101.7	100.3	102.2	102.3	-1.1	2.4	.4	-1.4	1.9	.1	5.1
Nonindustrial supplies	86.0	87.1	87.1	87.7	88.7	88.7	2	1.3	.0	.7	1.1	.0	3.1
Construction	77.8	79.5	80.2	81.2	82.9	81.8	2	2.2	.8	1.3	2.1	-1.3	3.9
Materials	102.8	103.8	104.0	104.0	104.9	105.1	.4	.9	.2	.0	.9	.2	3.2
Major industry groups													
Manufacturing (see note below)	93.2	94.5	95.3	95.0	95.9	95.7	4	1.4	.8	3	.9	1	2.5
Previous estimates	93.2	94.5	95.3	95.2	95.8		4	1.4	.9	2	.6		
Mining	115.1	116.0	116.1	115.1	116.1	115.9	.7	.8	.0	9	.9	2	3.8
Utilities	100.2	100.9	95.5	97.9	100.4	105.8	1.2	.7	-5.4	2.6	2.5	5.3	10.5
					D		٠.						Capacity
		1000	1000	1994-	Perce	nt of cap	acity						growth
	Average	1988-	1990-		2000	2012	2012			2012			N10.
Cittiliti	1972-	89	91	95	2009	2012 Mar.	2012 Oct. ^r	NTT	Dec.r	2013	Feb.r	N / D	Mar. '12 to
Capacity utilization	2012	high	low	high	low	Mar.	Oct.	Nov. ^r	Dec.	Jan. ^r	reb.	Mar. ^p	Mar. '13
Total industry	80.2	85.2	78.8	85.0	66.9	77.3	77.0	77.8	77.7	77.6	78.3	78.5	1.9
Previous estimates	00.2	03.2	70.0	05.0	00.7	17.5	77.0	77.8	77.8	77.8	78.3	70.5	1.7
1 revious estimates							77.0	77.0	77.0	77.0	70.5		
Manufacturing (see note below)	78.7	85.6	77.3	84.6	64.0	75.7	74.9	75.8	76.3	76.0	76.6	76.4	1.6
Previous estimates	70.7	05.0	77.5	04.0	04.0	/5./	74.9	75.8	76.4	76.2	76.6	70.4	1.0
Mining	87.3	86.3	83.9	88.6	78.3	87.8	88.3	88.7	88.5	87.4	87.9	87.5	4.2
Utilities	86.2	92.9	84.3	93.3	78.6	76.2	78.9	79.3	75.0	76.8	78.7	82.9	1.5
	00.2	/2./	05	75.5	, 0.0	, 0.2	, 0.5	,,,,	,5.0	, 0.0	, 0.7	02.7	1.5
Stage-of-process groups													
Crude	86.3	87.7	84.4	89.7	76.4	86.1	86.5	87.1	87.1	86.1	86.6	86.2	2.9
Primary and semifinished	81.0	86.5	78.0	87.9	64.4	75.0	75.2	75.8	75.3	75.9	76.9	77.5	.4
Finished	77.1	83.4	77.3	80.6	66.8	76.2	74.9	76.0	76.6	75.7	76.2	76.2	3.4
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r Revised. p Preliminary.

Note. The statistics in this release cover output, capacity, and capacity utilization in the U.S. industrial sector, which is defined by the Federal Reserve to comprise manufacturing, mining, and electric and gas utilities. Mining is defined as all industries in sector 21 of the North American Industry Classification System (NAICS); electric and gas utilities are those in NAICS sectors 2211 and 2212. Manufacturing comprises NAICS manufacturing industries (sector 31-33) plus the logging industry and the newspaper, periodical, book, and directory publishing industries. Logging and publishing are classified elsewhere in NAICS (under agriculture and information respectively), but historically they were considered to be manufacturing and were included in the industrial sector under the Standard Industrial Classification (SIC) system. In December 2002 the Federal Reserve reclassified all its industrial output data from the SIC system to NAICS.

index advanced at an annual rate of 5.3 percent in the first quarter. Production at mines decreased 0.2 percent in March and edged down in the first quarter. In March, the output of utilities jumped 5.3 percent, as unusually cold weather drove up heating demand. At 99.5 percent of its 2007 average, total industrial production in March was 3.5 percent above its year-earlier level. The rate of capacity utilization for total industry moved up in March to 78.5 percent, a rate that is 1.2 percentage points above its level of a year earlier but 1.7 percentage points below its long-run (1972–2012) average.

Market Groups

The production of consumer goods advanced 1.1 percent in March. For the first quarter, the output of consumer goods moved up at an annual rate of 6.2 percent, its largest quarterly increase since the end of 1999. In March, the production of durable consumer goods rose 0.8 percent, primarily as a result of a large increase in the output of automotive products. The index for home electronics also rose, but the indexes for appliances, furniture, and carpeting and for miscellaneous goods declined. The output of consumer durables jumped at an annual rate of 12.0 percent in the first quarter following a gain of 9.3 percent in the fourth quarter of 2012. The production of nondurable consumer goods advanced 1.2 percent in March because of strength in consumer energy products. The index for non-energy nondurable consumer goods was unchanged, as an increase in the index for chemical products was offset by decreases in the indexes for foods and tobacco, for clothing, and for paper products. For the first quarter, the output of consumer nondurables rose at an annual rate of 4.6 percent.

The production of business equipment edged up 0.1 percent in March after having risen 1.9 percent in February; the index increased at an annual rate of 3.8 percent in the first quarter. In March, a large gain in the output of transit equipment and a small rise in the output of industrial and other equipment were mostly offset by a reduction in the output of information processing equipment. For the first quarter, however, transit equipment recorded its first decrease since the initial quarter of 2011, while the other two categories of business equipment posted solid gains.

The index for defense and space equipment decreased 0.2 percent in March after having been unchanged in February. The output of this category fell 5.5 percent at an annual rate in the first quarter.

Among nonindustrial supplies, the production of construction supplies fell back 1.3 percent in March following four months of solid gains; the output for this market group advanced at an annual rate of 15.0 percent in the first quarter following a gain of 7.2 percent in the previous quarter. Although the index has recovered considerably since its trough in December 2009, the output of construction supplies in March stood nearly 20 percent below its levels during 2007 prior to the recession. The index for business supplies moved up 0.6 percent in March and rose at an annual rate of 4.6 percent in the first quarter.

The output of materials to be processed further in the industrial sector rose 0.2 percent in March because of an increase of 1.3 percent in the output of energy materials; the index for non-energy materials declined 0.4 percent, with losses in almost all of its major categories. The index for durable materials was down 0.7 percent in March, its first decrease since September 2012, but output in the first quarter increased at an annual rate of 6.6 percent. The indexes for each of the three major categories of durable materials decreased in March but posted solid gains for the first quarter. The output of nondurable materials edged down 0.1 percent in March, as declines in paper and chemical materials outweighed strength in textile materials and other nondurable materials. For the first quarter, however, the production of nondurable materials rose at an annual rate of 4.1 percent with improvements in all of its major components. The output of energy materials gained 1.3 percent in March after having risen 1.0 percent in February; the index posted its eighth consecutive quarterly increase in the first quarter.

Industry Groups

Factory output edged down 0.1 percent in March but increased at an annual rate of 5.3 percent in the first quarter. Capacity utilization for manufacturing in March moved down 0.2 percentage point to 76.4 percent, a rate that is 12.4 percentage points above its trough in June 2009 but still 2.3 percentage points below its long-run average.

Within manufacturing, the output of durable goods declined 0.2 percent in March after having risen 1.6 percent in February. Among durables, small to moderate losses were widespread in March, and decreases of more than 1 percent were observed in the indexes for primary metals and for electrical equipment, appliances, and components. These losses were mostly offset, however, by a large gain in the output of motor vehicles and parts and a smaller gain in the output of machinery. For the first quarter, durable goods manufacturing advanced at an annual rate of 6.5 percent, with increases in nearly every major category. In March, capacity utilization for durable manufacturing decreased 0.3 percentage point to 76.4 percent, a rate that is 18.0 percentage points above its 2009 low and 0.6 percentage point below its long-run average.

The production of nondurable goods was unchanged in March after having edged up in both January and February. In March, increases in the indexes for textile and product mills, for printing and support, and for chemicals were offset by decreases for the other categories of nondurable goods, with the largest losses recorded by paper and by apparel and leather products. In the first quarter of 2013, the production of nondurable goods moved up at an annual rate of 4.7 percent for its strongest gain since the first quarter of 2005. In March, the operating rate at producers of nondurables edged down 0.1 percentage point to 77.8 percent; though it was 8.5 percentage points above its 2009 low, it was 2.9 percentage points below its long-run average.

Production in the non-NAICS manufacturing industries (logging and publishing) declined 0.6 percent in March and fell at an annual rate of 2.8 percent in the first quarter.

Production at mines contracted 0.2 percent in March after having risen 0.9 percent in February; the index edged down at an annual rate of 0.2 percent in the first quarter. Capacity utilization in mining declined 0.4 percentage point to 87.5 percent in March and was 0.2 percentage point above its long-run average. With increases in January, February, and March, the output of utilities advanced at an annual rate of 10.5 percent in the first quarter. The operating rate for utilities in March rose 4.2 percentage points to 82.9 percent but was 3.3 percentage points below its long-run average.

Capacity utilization rates in March at industries grouped by stage of process were as follows: At the crude stage, utilization declined 0.4 percentage point to 86.2 percent, a rate 0.1 percentage point below its long-run average; at the primary and semifinished stages, utilization rose 0.6 percentage point to 77.5 percent, a rate 3.5 percentage points below its long-run average; and at the finished stage, utilization was unchanged at 76.2 percent, a rate 0.9 percentage point below its long-run average.

Tables

- 1. Industrial Production: Market and Industry Group Summary; percent change
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- 14. Historical Statistics: Manufacturing Excluding Selected High-Technology Industries

Further detail is available on the Board's website (www.federalreserve.gov/releases/G17/).

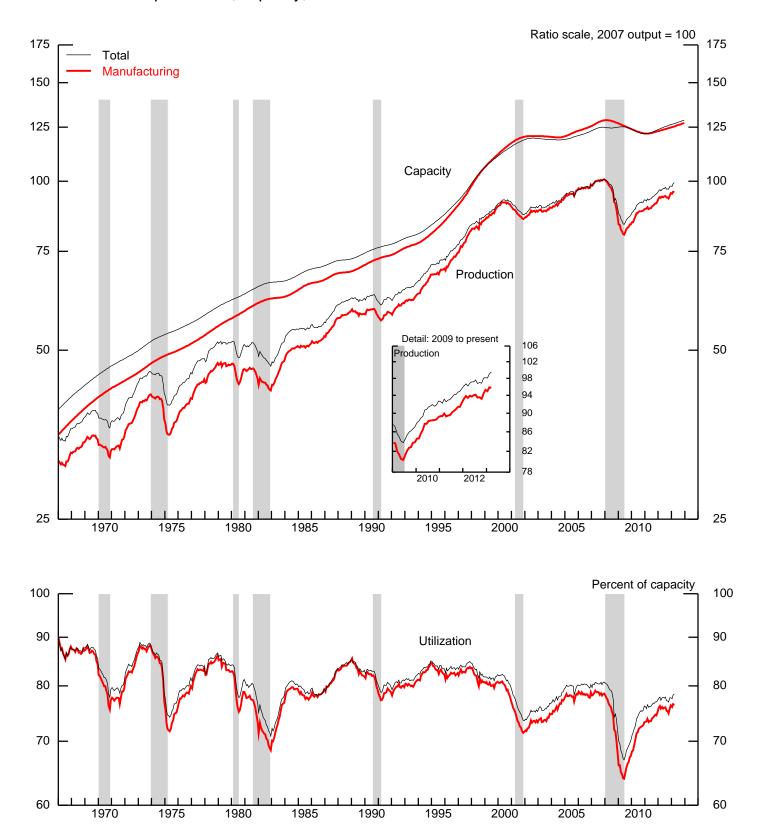
Revision of Industrial Production and Capacity Utilization

The Federal Reserve Board issued its annual revision to the index of industrial production (IP) and the related measures of capacity utilization on March 22, 2013. The revised IP indexes incorporated detailed data from the 2011 Annual Survey of Manufactures, conducted by the U.S. Census Bureau. Annual data from the U.S. Geological Survey regarding metallic and nonmetallic minerals (except fuels) for 2012 were also incorporated. The update included revisions to the monthly indicator and to seasonal factors for each industry. In addition, the estimation methods for some series have changed. Modifications to the methods for estimating the output of an industry affected the index from 1972 to the present.

Capacity and capacity utilization were revised to incorporate data through the fourth quarter of 2012 from the Census Bureau's Quarterly Survey of Plant Capacity, which covers manufacturing, along with new data on capacity from the U.S. Geological Survey, the Department of Energy, and other organizations.

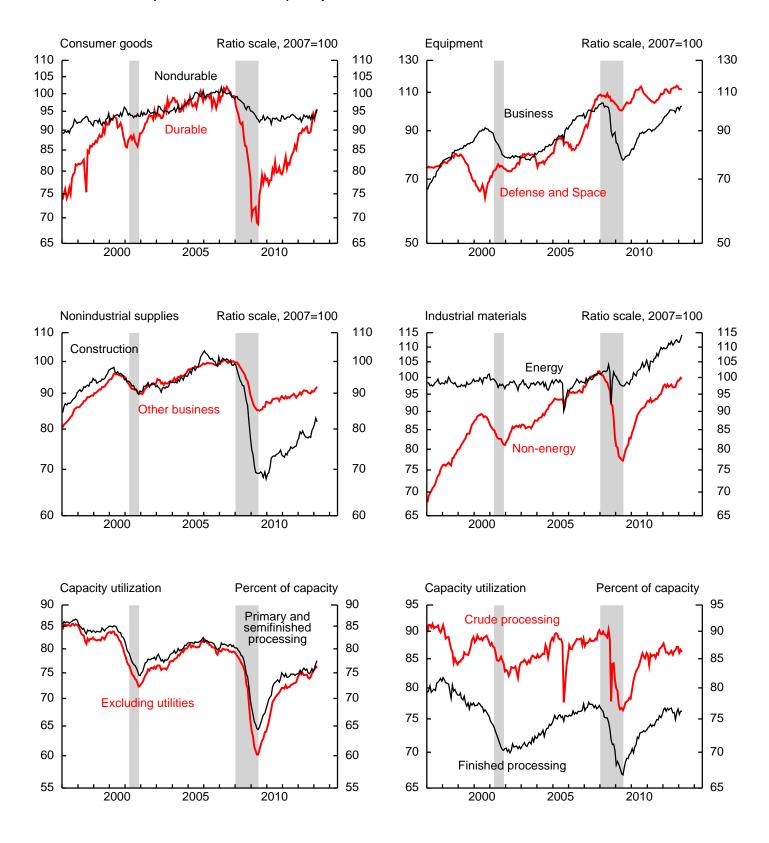
The revision is available on the Board's website at www.federalreserve.gov/releases/G17.

1. Industrial production, capacity, and utilization



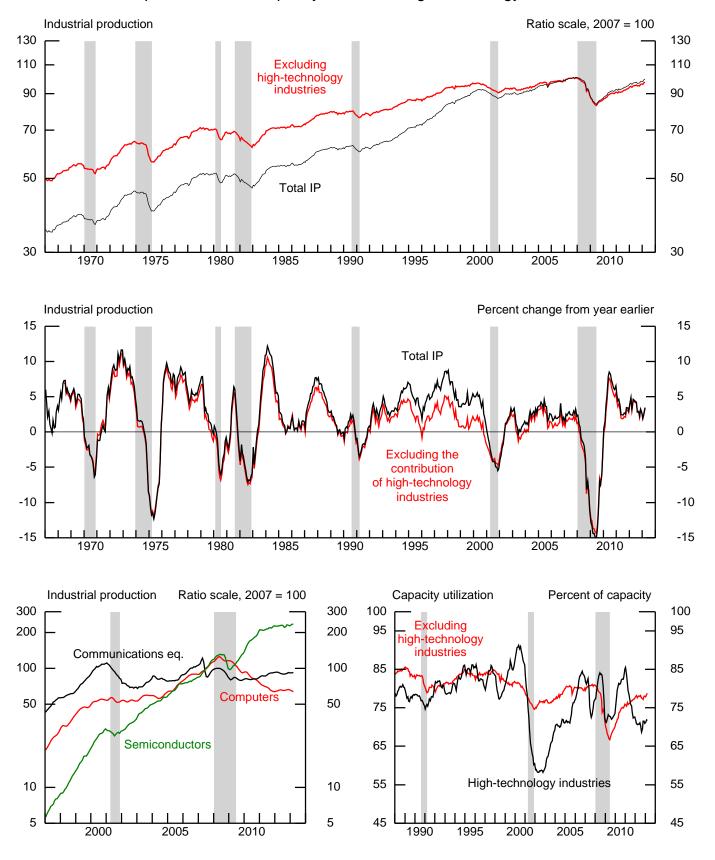
Note: The shaded areas are periods of business recession as defined by the National Bureau of Economic Research (NBER).

2. Industrial production and capacity utilization



Note: The shaded areas are periods of business recession as defined by the National Bureau of Economic Research (NBER).

3. Industrial production and capacity utilization, high-technology industries



Notes: High-technology industries are defined as semiconductors and related electronic components (NAICS 334412-9), computers (NAICS 3341), and communications equipment (NAICS 3342).

The shaded areas are periods of business recession as defined by the NBER.

Table 1
INDUSTRIAL PRODUCTION: MARKET AND INDUSTRY GROUP SUMMARY
Persont change seasonally edited.

₩.		2012	1	th quart rth quar			nnual rat		2012		Month				Mar. '12
Item		2012 proportion ¹	2010	2011	2012	2012 Q3	Q4 ^r	2013 Q1 ^p	2012 Oct. ^r	Nov. ^r	Dec.r	2013 Jan. ^r	Feb.r	Mar. ^p	to Mar. '13
Total IP		100.00	6.2	3.3	2.7	.3	2.3	5.0	1	1.2	.1	1	1.1	.4	3.5
MARKET GROUPS															
Final products and nonindustrial supplie	es	53.46	3.7	2.4	2.6	.3	1.3	5.5	6	1.5	.0	1	1.2	.6	3.7
Consumer goods		27.14	.3	2.0	1.4	1	1.1	6.2	6	1.4	2	.0	1.1	1.1	4.2
Durable		5.81	2.3	7.9	6.6	-1.8	9.3	12.0	.4	2.5	2.7	-1.4	2.0	.8	7.2
Automotive products		2.98	.6	14.7	7.4	-6.7	13.8	13.2	.4	2.9	4.5	-3.5	2.9	2.6	8.5
Home electronics Appliances, furniture, carpeting		.14 .78	-20.0 .7	5.7 1.1	-2.0	-10.2 1.6	3.2 2.1	-7.5 4.3	9	5.1 1.3	4 -1.2	-5.0 2.4	2.4 -1.0	.5	-1.7 1.9
Miscellaneous goods		1.91	8.0	1.1	3.3 7.3	5.6	6.0	14.7	.6	2.0	1.7	.8	1.8	6 -1.3	8.1
Nondurable		21.32	2	.4	.0	.4	-1.0	4.6	8	1.1	-1.0	.4	.9	1.2	3.4
Non-energy		16.04	8	1.0	2	8	-1.5	3.7	-1.8	1.4	.7	2	.3	.0	.7
Foods and tobacco		9.11	.7	.7	2.3	5.7	-3.9	3.9	-3.0	1.7	.2	1	.7	3	2.5
Clothing		.20	11.4	-8.0	-2.4	-10.4	-1.4	13.1	-2.5	2.8	.4	2.4	.5	-2.4	-2.2
Chemical products		4.87	-3.1	3.1	-3.2	-8.5	1.0	5.3	3	.6	1.7	.0	4	.8	9
Paper products		1.36	-4.1	-1.4	-8.2	-14.2	2.2	-3.8	.6	1.2	4	-1.1	.4	7	-6.6
Energy		5.29	1.4	-1.1	.6	4.1	.2	7.5	2.2	.4	-5.7	2.4	2.5	4.8	11.8
Business equipment		9.61	12.0	5.0	7.2	4.2	1.7	3.8	-1.1	2.4	.4	-1.4	1.9	.1	5.1
Transit		2.16	11.4	6.5	13.8	13.7	6.3	-4.7	.0	4.5	9	-3.4	1.2	1.8	8.9
Information processing		2.09	3.5	1.4	7.8	5.3	6.8	3.1	6	2.4	1.5	6	.2	-1.6	4.0
Industrial and other		5.36	16.4	6.0	4.5	.2	-2.1	7.9	-1.8	1.5	.6	8	2.8	.1	4.0
Defense and space equipment		2.29	4.6	2	4.5	8.7	2.9	-5.5	2	1.0	6	-1.2	.0	2	3
Construction supplies Business supplies		4.16 9.47	8.1 2.3	2.7 .7	4.2 1.4	-4.3 -1.4	7.2	15.0 4.6	2 1	2.2 .9	.8 3	1.3 .4	2.1 .7	-1.3 .6	3.9 2.6
Materials		46.54	9.4	4.3	2.8	.2	3.6	4.5	.4	.9	.2	.0	.9	.2	3.2
Non-energy		29.02	11.6	4.0	3.0	9	3.9	5.6	.1	1.3	.8	.0	.8	4	2.5
Durable		17.64	18.4	7.5	3.8	-2.4	3.6	6.6	.3	1.6	.6	.0	1.3	7	2.7
Consumer parts		2.61	27.8	6.5	13.2	9.1	4.4	10.7	2	3.1	3.3	4	2	2	9.4
Equipment parts		6.50	23.8	12.1	1.8	-9.9	2.0	5.0	.4	.3	.0	1	2.0	2	.1
Other		8.54	11.7	4.3	2.7	.3	4.5	6.6	.3	2.2	.3	.3	1.2	-1.1	2.7
Nondurable Textile		11.38	2.6	9 -1.3	1.6 -1.1	-3.3	4.3	4.1	1	.7 -3.1	1.2 -2.3	.0 4.3	.1 -2.2	1 1.2	2.3 -3.0
Paper		1.98	.8	-1.3	-2.2	-7.2	2.1	2.5	.1	-3.1 .4	1.5	2	.0	-1.1	-3.0
Chemical		5.64	5.0	-1.6	3.5	4.0	9.8	4.9	.2	1.1	1.9	7	.7	4	4.2
Energy		17.51	5.9	4.8	2.7	2.2	3.1	2.5	.9	.3	7	1	1.0	1.3	4.3
Inprogram Charles															
INDUSTRY GROUPS Manufacturing		75.46	6.4	3.3	2.8	5	2.3	5.3	4	1.4	.8	3	.9	1	2.5
Manufacturing (NAICS)	31–33	72.70	6.9	3.4	3.2	.1	2.6	5.6	4	1.4	.9	3	.9	1	2.9
Durable manufacturing		38.31	12.2	6.3	5.4	.0	3.8	6.5	2	2.0	.7	5	1.6	2	4.0
Wood products	321	.89	4.2	1.2	6.9	4	20.6	8.7	2.7	2.5	.8	3	1.8	5	7.2
Nonmetallic mineral products	327	1.53	9.5	2	1.4	-5.5	6.4	12.9	2	1.7	1.6	.0	2.2	1	3.5
Primary metals	331	3.11	12.3	8.8	-2.7	-5.2	9	3.8	1.2	2.9	.2	.5	.5	-2.7	-2.2
Fabricated metal products Machinery	332 333	5.64 5.78	12.9	6.3 8.4	5.8	3.4	1.2 -4.7	11.5	6 -2.2	1.2	.3	.7 2	2.0	5 .3	5.1 1.6
Computer and electronic products	334	6.11	17.8	7.2	5.6	-7.5	8.7	4.0	1.0	1.4	.6 .7	2	.9	8	4.0
Electrical equip., appliances,	334	0.11	17.0	1.2	5.0	0	0.7	7.0	1.0	1.7	.,	٠.٠	.,	0	
and components	335	1.84	12.9	2.4	3.6	.7	5.2	.4	-1.3	2.9	4	-1.1	1.5	-1.4	1.4
Motor vehicles and parts	3361–3	4.61	15.3	11.7	14.1	.0	10.6	6.8	.3	5.2	2.6	-3.9	2.0	2.9	10.2
Aerospace and miscellaneous						_									
transportation equipment	3364–9	4.59	1.4	6.4	4.7	7.1	2.5	-1.1	.5	.0	5	3	.6	1	2.0
Furniture and related products Miscellaneous	337 339	1.04 3.17	5.2	1.8	3.3 8.4	1.1 5.9	-4.1 7.9	9.5 8.6	7 5	.6 3.8	.1 1.6	1.8	.7	8 5	1.5 8.0
Miscellaneous	339	3.17	2.9	1	0.4	3.9	1.9	0.0	5	3.0	1.0	0	.0	5	0.0
Nondurable manufacturing		34.39	1.5	.5	.9	.2	1.2	4.7	7	.8	1.0	.1	.2	.0	1.8
Food, beverage, and tobacco products	311,2	11.08	.2	.5	2.5	5.9	-3.7	3.6	-2.7	1.4	.4	1	.4	1	2.7
Textile and product mills	313,4	.71	4.0	.2	5	-2.8	-3.8	-1.1	.3	-1.5	-1.0	1.9	-1.7	.5	-2.4
Apparel and leather	315,6	.26	6.5	-5.3	-2.6 -2.3	-10.8	5 2.8	13.9	-2.7	3.0	.8	2.1	.7	-2.5	-1.7
Paper Printing and support	322 323	2.41 1.41	2.2	5 -3.3	-2.3	-5.7 -4.3	3.8 -7.2	3.2	-1.2	.2 1	.9 2.1	.2 1	.2 -1.0	9 1.1	6 -1.0
Petroleum and coal products	323	3.96	.7	3.3	-1.7	-6.3	5.9	12.6	2.3	-1.3	1.0	2.2	-1.0	1	1.7
Chemicals	325	11.67	1.2	.3	.5	-2.0	4.8	3.8	2	.9	1.6	6	.2	.2	1.6
Plastics and rubber products	326	2.90	7.7	.7	4.6	5.6	3.7	4.3	2	1.6	1.4	2	2	1	3.7
Other manufacturing (non-NAICS)	1133,5111	2.76	-5.6	3	-7.6	-14.7	-4.6	-2.8	7	.5	4	4	.0	6	-8.3
Mining	21	14.62	8.7	7.6	4.2	4.8	7.4	2	.7	.8	.0	9	.9	2	3.8
Utilities	2211,2	9.92	2.7	-2.3	.0	.0	-4.2	10.5	1.2	.7	-5.4	2.6	2.5	5.3	10.5
Electric	2211	8.80	2.6	-1.8	3	-3.5	-4.6	10.6	.9	.8	-4.2	2.3	2.2	4.4	7.0
Natural gas	2212	1.12	3.8	-5.7	3.0	30.5	-1.2	10.2	3.2	.2	-13.7	5.2	4.8	12.6	41.3
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r Revised. p Preliminary.

NOTE. Under the industry groups, the figures to the right of the series descriptions are 2002 North American Industry Classification System (NAICS) codes. The abbreviation pt denotes part of a NAICS code. Additional industry detail is available on the Board's web site (www.federalreserve.gov/releases/G17). Under market groups, in the products category, miscellaneous consumer nondurables, oil and gas drilling, and manufactured homes are not shown separately; in the nondurable materials category, containers and miscellaneous nondurable materials are not shown

^{1.} The proportion data are the relative weights for the rates of change for each series in the computation of the change in total industrial production in the following year.

Table 2 INDUSTRIAL PRODUCTION: SPECIAL AGGREGATES AND SELECTED DETAIL Percent change, seasonally adjusted Fourth quarter to

		for	urth quar	ter		nnual rat				Month				Mar. '12
										_				to
	proportion	2010	2011	2012	Q3	Q4 ^r	Q1 ^p	Oct.r	Nov. ^r	Dec.r	Jan. ^r	Feb.r	Mar. ^p	Mar. '13
	100.00	6.2	2.2	2.7	2	2.2	5.0	,	1.2	1	1	1.1	4	3.5
	100.00	0.2	3.3	2.1	.3	2.3	3.0	1	1.2	.1	1	1.1	.4	3.3
	26.50	5.1	3.3	1.8	2.0	1.4	3.7	1.1	.3	-2.1	.6	1.3	2.1	5.7
	5.29	1.4	-1.1	.6	4.1	.2	7.5	2.2	.4	-5.7	2.4	2.5	4.8	11.8
	2.95	1.7	2	1.3	.1	-1.1	7.2	1.5	.1	-3.2	2.2	1.4	2.4	7.2
213111	.75	45.2	21.3	-7.6	-9.6	-17.9	-7.8	-2.1	-1.1	-1.5	-1.2	.8	.0	-9.5
	3.99	3.0	-1.3	.1	-8.6	-4.8	2.7	1.1	.4	-4.5	.3	3.2	3.4	2.6
	13.53	7.0	6.6	3.5	5.8	5.5	2.5	.8	.3	.3	2	.3	.7	4.9
	72.50	6.6	2.2	2.1	2	2.7	<i>E E</i>	(1.6	0	2	1.0	2	2.7
	/5.50	0.0	3.3	3.1	3	2.1	3.3	0	1.0	.9	3	1.0	2	2.1
	3.22	27.2	9.7	2.4	-7.5	10.2	3.4	2.9	1	8	.6	1.1	.2	2.7
3341	.33	-15.2	-18.4	3.5	-2.6	4.9	-10.8	.8	.5	7	-1.6	-1.1	9	-2.0
3342	.57	3.3	11.6	4	-3.9	7.2	2.6	.1	2.0	4	.2	.0	.1	6
334412-9	2.33	49.3	14.7	2.9	-9.0	11.7	5.7	3.9	6	9	.9	1.7	.3	4.1
	70.20		2.0	2.1		2.2			1.7	0	4	1.0	2	1 27
	/0.28	5.6	3.0	5.1	.0	2.3	5.5	/	1./	.9	4	1.0	2	2.7
3361-3	4.61	15.3	11.7	14.1	.0	10.6	6.8	.3	5.2	2.6	-3.9	2.0	2.9	10.2
														11.4
3363	2.12	23.0	6.5	14.4	7.9	4.0	7.3	.4	2.5	1.2	4	.3	1.2	8.9
	65 67	10	2.4	2.4	0	1.8	5.5	_ &	1 /	Q	- 1	0	- 1	2.1
														1.5
		1												5.4
														4.0
														.4
	25.44	7.5	2.9	2.0	-1.0	3.2	5.5	2	1.3	.9	.0	.8	6	1.8
	96.78	5.5	3.1	2.7	5	2.1	5 1	- 2	1.3	1	_ 1	1 1	4	3.5
														2.5
		1						1						4.1
	33.23	10.0	3.7	3.0	.,	3.4	0.7		4.4	.7	0	1.0	2	+.1
	95.39	5.8	3.0	2.2	.3	1.9	4.9	1	1.0	.0	.1	1.0	.3	3.1
	70.85	5.8	2.8	2.1	5	1.8	5.2	5	1.1	.7	.0	.8	3	2.0
	33.84	11.7	5.6	4.2	.0	2.8	6.3	2	1.5	.4	1	1.5	6	3.2
	92.17	4.9	2.7	2.2	.6	1.7	5.0	2	1.1	.0	.1	1.0	.3	3.2
	67.63	4.6	2.4	2.1	2	1.4	5.3	7	1.2	.8	.0	.8	3	2.0
		1												
	11.52	18.8	7.8	3.4	-5.2 2.0	2.1	5.7	.2	.8 1.5	.9 .8	.0	1.0	3	1.7
	3341 3342 334412–9 3361–3 3361	5.29 2.95 2.95 2.95 3.99 13.53 73.50 3.22 3341 .33 3342 .57 334412-9 2.33 70.28 3361-3 4.61 3361 2.20 3363 2.12 6.5.67 19.28 8.26 4.14 6.23 25.44 96.78 72.24 35.23	2012 100.00 6.2 26.50 5.1 5.29 1.4 2.95 1.7 1.75 45.2 3.99 3.0 13.53 7.0 213111 .75 .45.2 3.41 .33 -15.2 3342 .57 3.3 334412-9 2.33 49.3 49.3 70.28 5.6 3361 2.20 9.8 3363 2.12 23.0 3361-3 4.61 15.3 3361 2.20 9.8 3363 2.12 23.0 3363 2.12 23.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3.	2012 100.00 6.2 3.3	Proportion 2010 2011 2012 2000 2010 2011 2012 2000 2010 2011 2012 2000 2000 2011 2012 2000 2000 2000 2011 2012 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 2	2012 2010 2011 2012 203	Solution Court C	Proportion Pro	Solution Color C	2012 2010 2011 2012 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013 2012 2013	Tourth quarter	Table Tabl	Proportion Pro	Propertion Pro

Table 3 MOTOR VEHICLE ASSEMBLIES Millions of units, seasonally adjusted annual rate

willions of units, seasonally adjusted aimual fate											
	2012	2012			2013	2012			2013		
Item	average	Q2	Q3	Q4	Q1	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total	10.33	10.44	10.31	10.49	10.67	9.87	10.59	11.01	10.29	10.68	11.05
Autos	4.11	4.17	4.26	4.12	4.39	3.98	4.28	4.09	4.30	4.28	4.60
Trucks	6.23	6.27	6.05	6.37	6.28	5.89	6.32	6.91	6.00	6.39	6.45
Light	5.96	5.98	5.79	6.13	6.05	5.68	6.06	6.64	5.79	6.17	6.21
Medium and heavy	.27	.29	.26	.24	.23	.21	.26	.27	.21	.23	.25
Memo Autos and light trucks	10.06	10.15	10.05	10.24	10.45	9.66	10.34	10.74	10.08	10.45	10.80

NOTE. Seasonal factors and underlying data for auto, light truck, and medium and heavy truck production are available on the Board's web site, www.federalreserve.gov/releases/G17/mvsf.htm

r Revised. p Preliminary.

1. Refer to note on cover page.

 Table 4

 INDUSTRIAL PRODUCTION INDEXES: MARKET AND INDUSTRY GROUP SUMMARY

 2007 = 100, seasonally adjusted

007 = 100, seasonally adjusted											
Item		2012 proportion	2012 July	Aug.	Sept.	Oct.r	Nov.r	Dec.r	2013 Jan. ^r	Feb. ^r	Mar. ^p
Total IP		100.00	97.6	96.8	97.0	96.8	98.0	98.1	98.0	99.1	99.5
Market Groups											
Final products and nonindustrial supplies		53.46	93.1	92.5	92.7	92.1	93.5	93.5	93.3	94.5	95.0
Consumer goods		27.14	92.9	92.0	92.4	91.9	93.2	93.0	93.1	94.1	95.2
Durable		5.81	90.9	89.3	89.3	89.6	91.8	94.3	93.0	94.9	95.6
Automotive products		2.98	101.5	98.5	99.2	99.6	102.4	107.1	103.3	106.3	109.1
Home electronics		.14	60.3	60.4	58.9	58.4	61.4	61.2	58.2	59.5	59.9
Appliances, furniture, carpeting		.78	68.1	67.7	67.3	67.7	68.7	67.8	69.4	68.7	68.3
Miscellaneous goods		1.91	89.2	88.6	87.9	88.1	89.9	91.5	92.2	93.9	92.7
Nondurable		21.32	93.8	93.2	93.7	92.9	94.0	93.1	93.5	94.3	95.4
Non-energy		16.04	91.5	90.9	91.7	90.0	91.2	91.8	91.6	91.9	91.9
Foods and tobacco		9.11	99.3	99.0	100.4	97.4	99.0	99.3	99.1	99.9	99.5
Clothing		.20	57.9	56.7	57.5	56.1	57.6	57.9	59.3	59.6	58.1
Chemical products		4.87	84.5	83.5	83.5	83.3	83.7	85.2	85.1	84.8	85.5
Paper products Energy		1.36 5.29	75.2 102.0	74.7 101.0	74.1 100.8	74.5 103.0	75.5 103.4	75.1 97.5	74.3 99.9	74.6 102.3	74.1 107.2
Ellergy		3.29	102.0	101.0	100.8	103.0	103.4	91.3	99.9	102.3	107.2
Business equipment		9.61	100.4	100.3	100.1	98.9	101.3	101.7	100.3	102.2	102.3
Transit		2.16	102.8	101.8	100.6	100.6	105.2	104.2	100.7	101.9	103.7
Information processing		2.09	98.0	97.7 99.9	98.1	97.5	99.8	101.3	100.7	100.9	99.3
Industrial and other Defense and space equipment		5.36	99.5 112.1	112.4	99.9 113.1	98.1 112.8	99.5 114.0	100.1 113.2	99.2 111.8	102.1 111.8	102.1 111.6
Defense and space equipment		2.29	112.1	112.4	115.1	112.0	114.0	113.2	111.0	111.0	111.0
Construction supplies		4.16	77.8	77.7	78.0	77.8	79.5	80.2	81.2	82.9	81.8
Business supplies		9.47	90.8	90.2	90.1	89.9	90.7	90.4	90.8	91.4	92.0
Materials		46.54	103.3	102.3	102.4	102.8	103.8	104.0	104.0	104.9	105.1
Non-energy		29.02	97.8	97.0	96.9	97.1	98.3	99.1	99.1	99.9	99.5
Durable		17.64	104.9	103.2	103.0	103.3	105.0	105.6	105.6	107.0	106.3
Consumer parts		2.61	97.1	93.6	92.7	92.5	95.4	98.5	98.1	97.9	97.7
Equipment parts		6.50	130.7	127.8	129.0	129.5	129.9	129.9	129.7	132.3	132.0
Other		8.54	90.4	90.1	89.3	89.6	91.5	91.8	92.1	93.2	92.1
Nondurable		11.38	88.1	88.3	88.6	88.5	89.1	90.2	90.1	90.2	90.1
Textile		.44	80.2	79.9	80.1	80.2	77.7	76.0	79.3	77.5	78.5
Paper		1.98	82.2	82.4	81.8	82.0	82.3	83.5	83.4	83.4	82.5
Chemical Energy		5.64 17.51	86.8 112.0	87.2 110.7	88.1 111.2	88.2 112.1	89.2 112.5	90.8 111.7	90.2 111.6	90.8 112.7	90.4 114.2
Elicigy		17.51	112.0	110.7	111.2	112.1	112.5	111.7	111.0	112.7	114.2
INDUSTRY GROUPS		75.45	0.4.2	02.5	02.5	02.2	0.4.5	07.0	0.5.0	0.5.0	0.5.5
Manufacturing	21 22	75.46	94.2	93.5	93.6	93.2	94.5	95.3	95.0	95.9	95.7
Manufacturing (NAICS)	31–33	72.70 38.31	95.4	94.7	94.8	94.4	95.7	96.6 102.0	96.3	97.2	97.1 102.9
Durable manufacturing	321	.89	100.7 70.4	99.7 70.2	99.5 70.4	99.3 72.3	101.3 74.1	74.7	101.5 74.5	103.1 75.9	75.5
Wood products Nonmetallic mineral products	327	1.53	70.4	70.2	70.4	70.0	74.1	72.4	72.4	74.0	73.9
Primary metals	331	3.11	100.2	99.7	95.1	96.1	98.9	99.1	99.6	100.1	97.3
Fabricated metal products	332	5.64	92.3	92.0	92.2	91.6	92.7	92.9	93.6	95.4	94.9
Machinery	333	5.78	102.3	101.5	102.1	99.8	100.9	101.5	101.2	104.5	104.8
Computer and electronic products	334	6.11	130.8	128.8	129.7	131.0	132.8	133.7	133.3	134.6	133.5
Electrical equip., appliances,											
and components	335	1.84	86.2	85.4	86.9	85.7	88.2	87.9	86.9	88.2	86.9
Motor vehicles and parts	3361-3	4.61	102.6	99.2	97.8	98.1	103.2	105.9	101.8	103.8	106.8
Aerospace and miscellaneous											
transportation equipment	3364–9	4.59	102.6	102.7	103.2	103.7	103.7	103.1	102.8	103.4	103.3
Furniture and related products	337	1.04	70.5	69.9	69.4	68.9	69.3	69.4	70.6	71.1	70.6
Miscellaneous	339	3.17	105.3	104.7	104.1	103.5	107.4	109.2	108.5	109.4	108.9
Nondurable manufacturing		34.39	89.9	89.6	90.0	89.3	90.0	90.9	91.0	91.2	91.2
Food, beverage, and tobacco products	311,2	11.08	100.6	100.2	101.4	98.7	100.1	100.5	100.4	100.8	100.8
Textile and product mills	313,4	.71	75.2	74.9	75.1	75.3	74.2	73.5	74.9	73.6	74.0
Apparel and leather	315,6	.26	56.9	55.6	56.5	55.0	56.7	57.1	58.3	58.8	57.3
Paper	322	2.41	84.0	84.3	84.0	84.5	84.7	85.5	85.6	85.8	85.1
Printing and support	323	1.41 3.96	77.5	77.1	75.8	74.9	74.8	76.4	76.4	75.6	76.4
	221	1 4 UA	94.3	94.4	93.9	96.0	94.8 86.6	95.8 88.0	97.8	98.7 87.6	98.6
Petroleum and coal products	324		05.0	05 5					87.4	0/0	87.8
Petroleum and coal products Chemicals	325	11.67	85.8 88.0	85.5 86.9	86.0 86.9	85.8 86.7					88.8
Petroleum and coal products Chemicals Plastics and rubber products	325 326	11.67 2.90	88.0	86.9	86.9	86.7	88.1	89.3	89.1	88.9	88.8 68.7
Petroleum and coal products Chemicals Plastics and rubber products Other manufacturing (non-NAICS)	325 326 1133,5111	11.67 2.90 2.76	88.0 70.7	86.9 70.5	86.9 69.8	86.7 69.3	88.1 69.7	89.3 69.4	89.1 69.1	88.9 69.1	68.7
Petroleum and coal products Chemicals Plastics and rubber products Other manufacturing (non-NAICS) Mining	325 326 1133,5111 21	11.67 2.90 2.76	88.0 70.7 113.8	86.9 70.5 113.0	86.9 69.8 114.3	86.7 69.3	88.1 69.7 116.0	89.3 69.4 116.1	89.1 69.1 115.1	88.9 69.1 116.1	68.7 115.9
Petroleum and coal products Chemicals Plastics and rubber products	325 326 1133,5111	11.67 2.90 2.76	88.0 70.7	86.9 70.5	86.9 69.8	86.7 69.3	88.1 69.7	89.3 69.4	89.1 69.1	88.9 69.1	68.7

r Revised. p Preliminary. NOTE. Refer to notes on table 1.

 Table 5

 INDUSTRIAL PRODUCTION INDEXES: SPECIAL AGGREGATES

 2007 = 100, seasonally adjusted

Converted fuel Primary energy Non-energy Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components 33- Excluding selected high-technology industries	3341 3342 34412–9 3361–3 3361 3363	2012 proportion 100.00 26.50 5.29 2.95 .75 3.99 13.53 73.50 3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	2012 July 97.6 108.5 102.0 102.2 105.3 100.4 115.7 93.9 153.1 65.4 89.6 228.6 91.2	Aug. 96.8 107.4 101.0 101.6 103.6 97.8 114.9 93.3 149.1 65.3 89.7 220.4 90.7	Sept. 97.0 107.5 100.8 100.7 102.0 97.5 115.7 93.4 150.7 65.6 90.2 223.2 90.8 97.8 98.0 101.0	Oct. ^r 96.8 108.7 103.0 102.2 99.9 98.6 116.6 92.9 155.1 66.1 90.3 231.9 90.1	Nov. ^r 98.0 109.0 103.4 102.4 98.8 99.0 117.0 94.4 155.0 66.5 92.1 230.5 91.6 103.2 105.2	Dec. ^r 98.1 106.8 97.5 99.1 97.3 94.6 117.4 95.2 153.8 66.1 91.7 228.5 92.5 105.9 109.9	2013 Jan. ^r 98.0 107.4 99.9 101.2 96.1 94.9 117.2 94.9 154.7 65.0 92.0 230.7 92.1	Feb. ^r 99.1 108.8 102.3 102.6 96.9 97.9 117.6 95.8 156.4 64.3 91.9 234.6 93.0 103.8	Mar. ^p 99.5 111.1 107.2 105.1 96.9 101.3 118.4 95.6 156.7 63.7 92.1 235.4 92.8
Energy Consumer products Commercial products Oil and gas well drilling Converted fuel Primary energy Non-energy Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components Excluding selected high-technology industries Motor vehicles and parts Motor vehicles Motor vehicles and parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3341 3342 34412–9 3361–3 3361	100.00 26.50 5.29 2.95 .75 3.99 13.53 73.50 3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	97.6 108.5 102.0 102.2 105.3 100.4 115.7 93.9 153.1 65.4 89.6 228.6 91.2 102.6 104.9	96.8 107.4 101.0 101.6 103.6 97.8 114.9 93.3 149.1 65.3 89.7 220.4 90.7	97.0 107.5 100.8 100.7 102.0 97.5 115.7 93.4 150.7 65.6 90.2 223.2 90.8 97.8 98.0	96.8 108.7 103.0 102.2 99.9 98.6 116.6 92.9 155.1 66.1 90.3 231.9 90.1	98.0 109.0 103.4 102.4 98.8 99.0 117.0 94.4 155.0 66.5 92.1 230.5	98.1 106.8 97.5 99.1 97.3 94.6 117.4 95.2 153.8 66.1 91.7 228.5 92.5	98.0 107.4 99.9 101.2 96.1 94.9 117.2 94.9 154.7 65.0 92.0 230.7 92.1	99.1 108.8 102.3 102.6 96.9 97.9 117.6 95.8 156.4 64.3 91.9 234.6 93.0	99.5 111.1 107.2 105.1 96.9 101.3 118.4 95.6 156.7 63.7 92.1 235.4 92.8
Energy Consumer products Commercial products Oil and gas well drilling Converted fuel Primary energy Non-energy Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components Excluding selected high-technology industries Motor vehicles and parts Motor vehicles and parts Motor vehicles and parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3341 3342 34412–9 3361–3 3361	26.50 5.29 2.95 .75 3.99 13.53 73.50 3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	108.5 102.0 102.2 105.3 100.4 115.7 93.9 153.1 65.4 89.6 228.6	107.4 101.0 101.6 103.6 97.8 114.9 93.3 149.1 65.3 89.7 220.4 90.7	107.5 100.8 100.7 102.0 97.5 115.7 93.4 150.7 65.6 90.2 223.2 90.8 97.8 98.0	108.7 103.0 102.2 99.9 98.6 116.6 92.9 155.1 66.1 90.3 231.9 90.1	109.0 103.4 102.4 98.8 99.0 117.0 94.4 155.0 66.5 92.1 230.5	106.8 97.5 99.1 97.3 94.6 117.4 95.2 153.8 66.1 91.7 228.5 92.5	107.4 99.9 101.2 96.1 94.9 117.2 94.9 154.7 65.0 92.0 230.7	108.8 102.3 102.6 96.9 97.9 117.6 95.8 156.4 64.3 91.9 234.6	111.1 107.2 105.1 96.9 101.3 118.4 95.6 156.7 63.7 92.1 235.4 92.8
Consumer products Commercial products Oil and gas well drilling Converted fuel Primary energy Non-energy Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components Excluding selected high-technology industries Motor vehicles and parts Motor vehicles and parts Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3341 3342 34412–9 3361–3 3361	5.29 2.95 .75 3.99 13.53 73.50 3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	102.0 102.2 105.3 100.4 115.7 93.9 153.1 65.4 89.6 228.6 91.2	101.0 101.6 103.6 97.8 114.9 93.3 149.1 65.3 89.7 220.4 90.7	100.8 100.7 102.0 97.5 115.7 93.4 150.7 65.6 90.2 223.2 90.8 97.8 98.0	103.0 102.2 99.9 98.6 116.6 92.9 155.1 66.1 90.3 231.9 90.1	103.4 102.4 98.8 99.0 117.0 94.4 155.0 66.5 92.1 230.5	97.5 99.1 97.3 94.6 117.4 95.2 153.8 66.1 91.7 228.5	99.9 101.2 96.1 94.9 117.2 94.9 154.7 65.0 92.0 230.7	102.3 102.6 96.9 97.9 117.6 95.8 156.4 64.3 91.9 234.6 93.0	107.2 105.1 96.9 101.3 118.4 95.6 156.7 92.1 235.4 92.8
Commercial products Oil and gas well drilling Converted fuel Primary energy Non-energy Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components Excluding selected high-technology industries Motor vehicles and parts Motor vehicles and parts Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3341 3342 34412–9 3361–3 3361	2.95 .75 3.99 13.53 73.50 3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	102.2 105.3 100.4 115.7 93.9 153.1 65.4 89.6 228.6 91.2	101.6 103.6 97.8 114.9 93.3 149.1 65.3 89.7 220.4 90.7	100.7 102.0 97.5 115.7 93.4 150.7 65.6 90.2 223.2 90.8 97.8 98.0	102.2 99.9 98.6 116.6 92.9 155.1 66.1 90.3 231.9 90.1	102.4 98.8 99.0 117.0 94.4 155.0 66.5 92.1 230.5 91.6 103.2	99.1 97.3 94.6 117.4 95.2 153.8 66.1 91.7 228.5 92.5	101.2 96.1 94.9 117.2 94.9 154.7 65.0 92.0 230.7 92.1 101.8	102.6 96.9 97.9 117.6 95.8 156.4 64.3 91.9 234.6 93.0 103.8	105.1 96.9 101.3 118.4 95.6 156.7 63.7 92.1 235.4 92.8
Oil and gas well drilling Converted fuel Primary energy Non-energy Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components Excluding selected high-technology industries Motor vehicles and parts Motor vehicles and parts Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3341 3342 34412–9 3361–3 3361	75 3.99 13.53 73.50 3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	105.3 100.4 115.7 93.9 153.1 65.4 89.6 228.6 91.2	97.8 114.9 93.3 149.1 65.3 89.7 220.4 90.7 99.2 99.7	102.0 97.5 115.7 93.4 150.7 65.6 90.2 223.2 90.8 97.8 98.0	99.9 98.6 116.6 92.9 155.1 66.1 90.3 231.9 90.1 98.1 97.8	98.8 99.0 117.0 94.4 155.0 66.5 92.1 230.5	97.3 94.6 117.4 95.2 153.8 66.1 91.7 228.5	96.1 94.9 117.2 94.9 154.7 65.0 92.0 230.7	96.9 97.9 117.6 95.8 156.4 64.3 91.9 234.6 93.0	96.9 101.3 118.4 95.6 156.7 63.7 92.1 235.4 92.8
Converted fuel Primary energy Non-energy Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components 33 Excluding selected high-technology industries Motor vehicles and parts Motor vehicles and parts Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3341 3342 34412–9 3361–3 3361	3.99 13.53 73.50 3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	100.4 115.7 93.9 153.1 65.4 89.6 228.6 91.2 102.6 104.9	97.8 114.9 93.3 149.1 65.3 89.7 220.4 90.7 99.2 99.7	97.5 115.7 93.4 150.7 65.6 90.2 223.2 90.8 97.8 98.0	98.6 116.6 92.9 155.1 66.1 90.3 231.9 90.1 98.1 97.8	99.0 117.0 94.4 155.0 66.5 92.1 230.5 91.6	94.6 117.4 95.2 153.8 66.1 91.7 228.5 92.5	94.9 117.2 94.9 154.7 65.0 92.0 230.7 92.1	97.9 117.6 95.8 156.4 64.3 91.9 234.6 93.0	101.3 118.4 95.6 156.7 63.7 92.1 235.4 92.8
Primary energy Non-energy Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components Excluding selected high-technology industries Motor vehicles and parts Motor vehicles motor vehicles and parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3342 34412–9 3361–3 3361	13.53 73.50 3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	115.7 93.9 153.1 65.4 89.6 228.6 91.2 102.6 104.9	93.3 149.1 65.3 89.7 220.4 90.7 99.2 99.7	93.4 150.7 65.6 90.2 223.2 90.8 97.8 98.0	116.6 92.9 155.1 66.1 90.3 231.9 90.1 98.1 97.8	117.0 94.4 155.0 66.5 92.1 230.5 91.6 103.2	117.4 95.2 153.8 66.1 91.7 228.5 92.5	94.9 94.9 154.7 65.0 92.0 230.7 92.1	117.6 95.8 156.4 64.3 91.9 234.6 93.0	118.4 95.6 156.7 63.7 92.1 235.4 92.8
Non-energy Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components 333 Excluding selected high-technology industries Motor vehicles and parts Motor vehicles motor vehicles and parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3342 34412–9 3361–3 3361	73.50 3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	93.9 153.1 65.4 89.6 228.6 91.2 102.6 104.9	93.3 149.1 65.3 89.7 220.4 90.7 99.2 99.7	93.4 150.7 65.6 90.2 223.2 90.8 97.8 98.0	92.9 155.1 66.1 90.3 231.9 90.1 98.1 97.8	94.4 155.0 66.5 92.1 230.5 91.6 103.2	95.2 153.8 66.1 91.7 228.5 92.5	94.9 154.7 65.0 92.0 230.7 92.1 101.8	95.8 156.4 64.3 91.9 234.6 93.0	95.6 156.7 63.7 92.1 235.4 92.8
Selected high-technology industries Computers and peripheral equipment Communications equipment Semiconductors and related electronic components 333 Excluding selected high-technology industries Motor vehicles and parts Motor vehicles and parts Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3342 34412–9 3361–3 3361	3.22 .33 .57 2.33 70.28 4.61 2.20 2.12	153.1 65.4 89.6 228.6 91.2 102.6 104.9	149.1 65.3 89.7 220.4 90.7 99.2 99.7	150.7 65.6 90.2 223.2 90.8 97.8 98.0	155.1 66.1 90.3 231.9 90.1 98.1 97.8	155.0 66.5 92.1 230.5 91.6	153.8 66.1 91.7 228.5 92.5	154.7 65.0 92.0 230.7 92.1 101.8	156.4 64.3 91.9 234.6 93.0	156.7 63.7 92.1 235.4 92.8
Computers and peripheral equipment Communications equipment Semiconductors and related electronic components 333 Excluding selected high-technology industries Motor vehicles and parts Motor vehicles Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3342 34412–9 3361–3 3361	.33 .57 2.33 70.28 4.61 2.20 2.12	65.4 89.6 228.6 91.2 102.6 104.9	65.3 89.7 220.4 90.7 99.2 99.7	65.6 90.2 223.2 90.8 97.8 98.0	66.1 90.3 231.9 90.1 98.1 97.8	66.5 92.1 230.5 91.6 103.2	66.1 91.7 228.5 92.5	65.0 92.0 230.7 92.1 101.8	64.3 91.9 234.6 93.0 103.8	63.7 92.1 235.4 92.8 106.8
Computers and peripheral equipment Communications equipment Semiconductors and related electronic components 333 Excluding selected high-technology industries Motor vehicles and parts Motor vehicles Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3342 34412–9 3361–3 3361	.57 2.33 70.28 4.61 2.20 2.12	89.6 228.6 91.2 102.6 104.9	89.7 220.4 90.7 99.2 99.7	90.2 223.2 90.8 97.8 98.0	90.3 231.9 90.1 98.1 97.8	92.1 230.5 91.6 103.2	91.7 228.5 92.5 105.9	92.0 230.7 92.1 101.8	91.9 234.6 93.0 103.8	92.1 235.4 92.8 106.8
Semiconductors and related electronic components 33 Excluding selected high-technology industries Motor vehicles and parts Motor vehicles Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3361–3 3361	2.33 70.28 4.61 2.20 2.12	228.6 91.2 102.6 104.9	220.4 90.7 99.2 99.7	223.2 90.8 97.8 98.0	231.9 90.1 98.1 97.8	230.5 91.6 103.2	228.5 92.5 105.9	230.7 92.1 101.8	234.6 93.0 103.8	235.4 92.8 106.8
electronic components 33- Excluding selected high-technology industries Motor vehicles and parts Motor vehicles Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3361–3 3361	70.28 4.61 2.20 2.12	91.2 102.6 104.9	90.7 99.2 99.7	90.8 97.8 98.0	90.1 98.1 97.8	91.6 103.2	92.5 105.9	92.1 101.8	93.0 103.8	92.8 106.8
Excluding selected high-technology industries Motor vehicles and parts Motor vehicles Motor vehicles and parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3361–3 3361	70.28 4.61 2.20 2.12	91.2 102.6 104.9	90.7 99.2 99.7	90.8 97.8 98.0	90.1 98.1 97.8	91.6 103.2	92.5 105.9	92.1 101.8	93.0 103.8	92.8 106.8
industries Motor vehicles and parts Motor vehicles Motor vehicles Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3361	4.61 2.20 2.12	102.6 104.9	99.2 99.7	97.8 98.0	98.1 97.8	103.2	105.9	101.8	103.8	106.8
Motor vehicles Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3361	2.20 2.12	104.9	99.7	98.0	97.8					
Motor vehicle parts Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies		2.12					105.2	109.9	101.6	105 -	110.0
Excluding motor vehicles and parts Consumer goods Business equipment Construction supplies	3363		104.2	102.4	101.0	101 5			101.0	105.7	110.8
Consumer goods Business equipment Construction supplies						101.5	104.0	105.2	104.7	105.0	106.3
Business equipment Construction supplies		65.67	90.4	90.1	90.3	89.6	90.9	91.6	91.5	92.3	91.9
Construction supplies		19.28	89.6	89.0	89.6	88.2	89.5	90.1	90.1	90.5	90.4
		8.26	101.4	101.8	102.2	100.9	102.4	103.2	102.5	104.6	104.3
Business supplies		4.14	77.6	77.6	77.9	77.7	79.4	80.1	81.1	82.8	81.7
		6.23	83.4	83.0	83.1	82.2	83.2	84.1	83.7	84.0	83.8
Materials		25.44	90.9	90.4	90.4	90.2	91.3	92.2	92.2	92.9	92.3
Measures excluding selected high-technology industries											
Total industry		96.78	95.7	95.0	95.1	94.9	96.1	96.2	96.1	97.1	97.5
Manufacturing ¹		72.24	91.5	91.0	91.0	90.5	91.8	92.6	92.3	93.2	93.0
Durable		35.23	95.5	94.7	94.4	94.0	96.0	96.8	96.2	97.7	97.5
Measures excluding motor vehicles and parts		33.23	75.5	71.7	7	71.0	70.0	70.0	70.2	<i>>1.1</i>	77.5
Total industry		95.39	97.3	96.6	96.9	96.7	97.8	97.7	97.8	98.8	99.1
Manufacturing ¹		70.85	93.6	93.2	93.3	92.9	93.9	94.6	94.6	95.3	95.0
Durable		33.84	100.2	99.6	99.5	99.3	100.8	101.3	101.2	102.8	102.1
Measures excluding selected high-technology											- 32.1
industries and motor vehicles and parts											
Total industry		92.17	95.3	94.7	94.9	94.7	95.7	95.7	95.8	96.8	97.1
Manufacturing ¹		67.63	90.8	90.5	90.6	90.0	91.0	91.7	91.7	92.5	92.1
Stage-of-process components of non-energy materials, measures of the input to											
Finished processors		11.52	110.1	107.8	108.0	108.3	109.2	110.1	110.1	111.2	110.9
Primary and semifinished processors		17.50	90.3	90.3	90.1	90.2	91.6	92.3	92.3	93.0	92.5

Table 6 DIFFUSION INDEXES OF INDUSTRIAL PRODUCTION

ercent												
Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
One month earlier												
2011	52.6	51.0	60.3	46.2	54.8	51.3	57.7	53.8	56.1	56.7	50.3	63.5
2012	62.2	64.4	46.8	63.8	54.2	58.3	52.2	43.6	53.2	48.4	70.8	59.6
2013	49.0	64.6										
Three months earlier												
2011	59.6	58.3	61.5	50.3	54.5	49.0	53.8	53.8	58.3	60.6	61.5	61.5
2012	66.7	74.0	61.9	58.7	51.0	61.9	54.5	51.3	47.4	42.3	62.5	62.5
2013	66.3	65.4										
Six months earlier												
2011	58.0	56.1	62.2	58.7	59.3	53.8	56.1	54.2	51.9	61.9	58.0	63.5
2012	71.5	71.5	65.7	65.4	64.4	60.3	58.7	53.8	59.0	51.9	55.4	58.7
2013	56.7	67.9										

NOTE. The diffusion indexes are calculated as the percentage of series that increased over the indicated span (one, three, or six months) plus one-half the percentage that were unchanged.

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1. Refer to note on cover page.

Table 7
CAPACITY UTILIZATION
Percent of capacity, seasonally adjusted

Item		2012	1972- 2012	1994- 95	2009	2012		2013	2012			2013		
		proportion	ave.	high	low	Q3	Q4 ^r	Q1 ^p	Oct. ^r	Nov. ^r	Dec. ^r	Jan. ^r	Feb. ^r	Mar. ^p
Total industry		100.00	80.2	85.0	66.9	77.4	77.5	78.1	77.0	77.8	77.7	77.6	78.3	78.5
Manufacturing ¹		77.44	78.7	84.6	64.0	75.5	75.7	76.3	74.9	75.8	76.3	76.0	76.6	76.4
Manufacturing (NAICS)	31–33	74.05	78.6	84.7	63.7	76.2	76.3	77.0	75.5	76.5	77.0	76.7	77.3	77.1
Durable manufacturing		39.70	77.0	83.7	58.4	75.2	75.5	76.3	74.5	75.8	76.2	75.7	76.7	76.4
Wood products	321	1.09	76.8	86.5	49.4	63.6	66.8	68.4	65.5	67.2	67.8	67.7	68.9	68.7
Nonmetallic mineral products	327	2.16	74.8	82.7	44.4	55.1	56.3	58.4	55.3	56.4	57.4	57.5	58.9	58.9
Primary metals	331	3.19	79.1	94.1	48.8	74.1	74.0	74.8	72.5	74.7	74.9	75.3	75.6	73.
Fabricated metal products	332	5.31	77.4	85.4	61.5	82.9	83.0	84.9	82.3	83.2	83.4	83.9	85.6	85.
Machinery	333	5.45	78.1	87.6	59.4	81.8	80.1	81.6	79.6	80.2	80.5	80.1	82.4	82.
Computer and electronic products	334	6.59	78.1	84.2	70.2	73.6	74.6	74.6	74.0	74.8	75.1	74.6	75.0	74.
Electrical equip., appliances,														
and components	335	1.75	82.5	92.6	66.2	81.4	82.0	81.7	80.7	82.9	82.4	81.4	82.5	81.
Motor vehicles and parts	3361–3	4.97	75.0	87.8	35.0	73.0	74.0	74.6	71.1	74.5	76.3	73.1	74.4	76.
Aerospace and miscellaneous														
transportation equipment	3364–9	4.86	73.0	69.1	71.0	73.5	73.5	72.8	73.8	73.6	73.0	72.7	72.9	72
Furniture and related products	337	1.14	76.8	82.5	56.6	71.1	70.6	72.5	70.2	70.8	70.9	72.3	72.9	72
Miscellaneous	339	3.20	76.0	80.5	68.2	77.5	77.8	78.3	75.9	78.4	79.2	78.4	78.7	77
Nondurable manufacturing		34.35	80.7	86.0	69.3	77.2	77.2	77.9	76.7	77.2	77.9	77.8	77.9	77
Food, beverage, and tobacco products	311,2	10.64	81.0	85.5	75.2	81.4	80.3	80.7	79.6	80.6	80.8	80.6	80.9	80
Textile and product mills	313,4	.79	80.0	91.7	53.7	70.0	70.2	70.7	70.9	70.1	69.7	71.2	70.2	70
Apparel and leather	315,6	.30	77.7	87.5	57.5	66.8	67.2	69.9	65.5	67.7	68.4	70.0	70.7	69
Paper	322	2.31	86.8	92.6	72.6	80.1	81.3	82.2	80.8	81.1	82.0	82.3	82.6	81
Printing and support	323	1.65	81.0	85.1	60.5	66.9	66.0	66.9	65.5	65.5	67.0	67.1	66.5	67
Petroleum and coal products	324	3.68	85.6	91.0	76.3	82.2	83.3	85.8	83.7	82.7	83.6	85.4	86.1	86
Chemicals	325	11.93	77.6	81.9	65.1	74.5	74.9	75.1	74.2	74.7	75.7	75.1	75.1	75
Plastics and rubber products	326	3.05	82.2	93.2	59.1	73.8	73.8	73.9	72.9	73.9	74.7	74.3	73.9	73
Other manufacturing (non-NAICS)	1133,5111	3.39	82.3	83.2	69.5	62.0	61.5	61.2	61.3	61.7	61.5	61.3	61.4	61.
Mining	21	12.69	87.3	88.6	78.3	87.8	88.5	87.6	88.3	88.7	88.5	87.4	87.9	87.
Utilities	2211,2	9.87	86.2	93.3	78.6	78.9	77.7	79.5	78.9	79.3	75.0	76.8	78.7	82
Selected high-technology industries		3.71	78.0	86.2	71.2	69.6	71.3	71.6	71.5	71.5	70.9	71.2	71.8	71
Computers and peripheral equipment	3341	.39	78.2	87.7	80.6	67.6	67.7	65.8	67.7	67.9	67.4	66.4	65.7	65.
Communications equipment	3342	.61	76.7	84.2	77.3	75.3	77.7	78.8	76.5	78.3	78.3	78.7	78.8	79
Semiconductors and related														
electronic components	334412-9	2.71	79.9	92.1	62.8	68.6	70.5	70.9	71.0	70.5	69.8	70.3	71.2	71
Measures excluding selected high-technology industries														
Total industry		96.29	80.3	84.9	66.7	77.7	77.7	78.4	77.2	78.0	78.0	77.8	78.5	78.
Manufacturing ¹		73.73	78.8	84.5	63.5	75.8	75.9	76.6	75.0	76.0	76.6	76.3	76.9	76.
STAGE-OF-PROCESS GROUPS														
STAGE-OF-PROCESS GROUPS Crude		16.81	86.3	89.7	76.4	86.2	86.9	86.3	86.5	87.1	87.1	86.1	86.6	86
Primary and semifinished		45.66	81.0	87.9	64.4	75.2	75.4	76.7	75.2	75.8	75.3	75.9	76.9	77.
Finished		37.53	77.1	80.6	66.8	76.2	75.4	76.1	74.9	76.0	76.6	75.7	76.2	76.
		57.55	'''	-0.0	- 5.0				/	. 0.0	. 0.0		. 0.2	, 5.

r Revised. p Preliminary.

1. Refer to note on cover page.

Table 8 INDUSTRIAL CAPACITY

Percent change

													Monthly
			nnual rate		Fourth	quarter to	o fourth q	uarter		Annua	al rate		rate
Item	1972-	1980-	1989-	1995-					2012			2013	2013
	79	88	94	2013	2010	2011	2012	2013	Q2	Q3	Q4	Q1	Mar.
Total industry	3.1	1.9	2.3	2.3	-2.1	1.3	2.2	1.9	2.3	2.0	1.9	1.8	.1
Manufacturing ¹	3.3	2.2	2.5	2.4	-2.0	.6	1.6	1.8	1.6	1.6	1.6	1.7	.1
Mining Utilities	.7 4.2	.1 2.1	7 1.8	.7 2.0	-1.0 1.0	4.6 2.0	4.7 1.9	3.9 .7	4.9 2.2	4.4 1.9	4.0 1.5	3.8 1.1	.3 .1
Selected high-technology industries	19.6	17.3	15.8	20.0	11.1	26.4	4.1	4.9	4.2	3	3	1.9	.3
Manufacturing ¹ ex. selected high-technology industries	2.6	1.3	1.6	1.0	-2.7	5	1.5	1.6	1.5	1.7	1.6	1.6	.1
STAGE-OF-PROCESS GROUPS Crude	1.6	.4	5	.7	-1.5	3.4	3.2	3.1	3.3	2.9	2.7	2.8	.2
Primary and semifinished	3.0	1.3	2.5	2.7	-1.1	1.4	.7	.8	.7	.4	.3	.5	.1
Finished	3.9	3.3	2.7	2.3	-2.1	.4	3.3	2.9	3.3	3.6	3.5	3.2	.2

^{1.} Refer to note on cover page.

Table 9
GROSS VALUE OF FINAL PRODUCTS AND NONINDUSTRIAL SUPPLIES
Billions of 2005 dollars at annual rate, seasonally adjusted

llions of 2005 dollars at annual rate, season	ury adjusted										
			2012		2013	2012			2013		
Item	2005	2012	Q3	Q4 ^r	Q1 ^p	Oct.r	Nov. ^r	Dec.r	Jan. ^r	Feb. ^r	Mar. ^p
Final products and nonindustrial											
supplies	3,332.3	3,275.3	3,280.6	3,297.1	3,340.4	3,267.7	3,309.2	3,314.3	3,308.4	3,345.5	3,367.4
Final products	2,474.8	2,517.0	2,522.9	2,536.3	2,564.3	2,511.5	2,546.5	2,551.0	2,538.3	2,566.6	2,587.9
Consumer goods	1,834.0	1,795.5	1,795.0	1,807.3	1,833.2	1,795.1	1,811.4	1,815.5	1,816.2	1,833.0	1,850.4
Durable	495.2	464.8	460.5	473.2	487.6	459.1	472.3	488.2	477.8	488.6	496.3
Automotive products	288.4	307.3	302.2	313.3	323.8	301.5	311.6	326.7	314.4	323.7	333.4
Other durable goods	206.8	158.0	158.7	160.5	164.4	158.1	161.2	162.3	163.9	165.5	163.8
Nondurable	1,338.8	1,331.8	1,334.7	1,336.4	1,349.5	1,335.9	1,340.9	1,332.3	1,341.1	1,348.5	1,359.0
Equipment, total	640.9	727.5	734.9	735.5	736.4	721.7	742.3	742.4	727.0	739.4	742.8
Business and defense	617.5	704.9	712.5	714.1	715.0	700.0	720.9	721.3	705.9	717.9	721.2
Business	537.6	599.0	605.8	606.9	609.7	592.9	613.3	614.5	600.2	612.6	616.2
Defense and space	79.9	105.0	105.8	106.3	104.7	106.0	106.8	106.1	104.8	104.7	104.6
Nonindustrial supplies	857.4	761.7	761.0	764.1	779.3	759.5	766.2	766.8	773.2	782.0	782.8
Construction supplies	270.0	216.5	214.4	218.0	226.3	214.2	219.4	220.4	224.4	228.8	225.6
Business supplies	587.4	545.3	546.8	546.3	553.2	545.4	546.9	546.5	548.9	553.4	557.4
Commercial energy products	210.9	211.5	213.1	212.2	216.2	214.2	212.9	209.4	213.3	215.6	219.7

r Revised. p Preliminary.

Table 10
GROSS-VALUE-WEIGHTED INDUSTRIAL PRODUCTION: STAGE-OF-PROCESS GROUPS
Percent change, seasonally adjusted

		Fou	rth quarte	er to										
		fo	urth quar	ter		Annual	ate			Month	ly rate			Mar. '12
Item	2012				2012		2013	2012			2013			to
	gross value ¹	2010	2011	2012	Q3	$Q4^{r}$	$Q1^p$	Oct.r	Nov.r	Dec.r	Jan. ^r	Feb.r	Mar.p	Mar. '13
Finished	1,992.5	4.1	4.7	4.4	1.2	2.1	4.9	-1.1	2.2	1.1	-1.2	1.1	.6	4.0
Semifinished	1,707.0	9.2	2.9	3.2	-2.4	1.5	8.8	.0	1.2	4	.9	1.4	.7	3.7
Primary	1,327.9	3.9	1.4	.0	-2.5	1.7	5.3	1.6	1	6	1.1	.6	1.0	2.9
Crude	669.9	6.5	3.0	1.6	2.6	6.7	.0	.3	1.0	.4	-1.2	1.2	5	2.6

r Revised. p Preliminary.

^{1.} Billions of 2005 dollars.

Table 11 HISTORICAL STATISTICS FOR INDUSTRIAL PRODUCTION, CAPACITY, AND UTILIZATION: Total Industry

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Q1	Q2	Q3	Q4	Annual
IP (percent																	
change) ¹																	
1991	4	6	5	.2	1.0	1.0	.0	.1	.9	2	1	4	-7.4	2.4	5.5	.9	-1.5
.992	6	.8	.8	.7	.4	.0	.9	5	.2	.8	.4	.0	5	7.2	2.9	4.3	2.8
1993	.5	.4	.0	.3	4	.2	.3	.0	.5	.7	.4	.5	3.6	.9	1.9	6.1	3.3
1994	.4	.1	1.0	.5	.5	.7	.2	.6	.3	.9	.6	1.0	5.1	7.5	5.2	8.5	5.3
1995	.2	1	.2	.0	.3	.4	4	1.3	.4	2	.3	.4	4.5	1.4	3.8	3.3	4.7
1996	7	1.6	2	.8	.7	.9	1	.7	.5	.0	.8	.6	2.8	8.4	5.3	5.5	4.4
1997 1998	.1	1.2	.8	.0	.7 .7	.5 6	.6 4	1.3 2.1	.9 3	.7	.9 1	.4 .4	7.8 4.5	6.5 2.9	9.7 2.9	10.1 5.5	7.2 5.8
1999	.4	.4	.2	.2	.7	2	.7	.4	3	1.3	.5	.8	4.1	3.9	4.0	7.6	4.3
2000	.1	.4	.4	.6	.2	.1	2	3	.5	4	.0	3	4.7	4.6	6	-1.3	4.0
2001	7	6	3	3	7	7	4	3	3	5	5	.0	-5.6	-5.3	-5.5	-4.5	-3.4
2002	.6	.0	.7	.4	.5	1.0	3	.1	.1	3	.5	5	2.7	6.5	2.4	2	.2
2003	.7	.4	2	8	.0	.0	.4	1	.6	.0	.8	1	3.1	-3.3	1.9	3.3	1.2
004	.3	.6	5	.4	.7	8	.8	.2	.0	1.0	.2	.7	2.8	1.8	2.5	5.7	2.3
2005	.4	.6	1	.1	.2	.4	1	.1	-2.0	1.2	1.0	.6	5.4	2.1	-1.5	3.2	3.2
2006	.1	.1	.3	.4	1	.4	.0	.2	1	1	1	1.0	3.8	2.6	1.5	.6	2.2
2007	5	1.1	.1	.7	.1	.0	.0	.1	.4	5	.6	.0	3.8	4.8	1.1	1.0	2.5
2008	3	2 6	3 -1.5	8 8	5 -1.0	2 4	5 .9	-1.6 1.1	-4.2 .7	.8	-1.2 .5	-2.8	-1.4 -19.8	-5.5 -10.9	-12.1 4.9	-15.9	-3.4
010	1.1	6	-1.5	8	1.6	4	.6	.3	.7	3	.3	.5 1.0	8.5	8.7	6.2	6.6 1.7	-11.3 5.7
011	1	5	1.0	6	4	2	.6	.5	1	6	.2	.6	2.6	1.0	5.0	4.7	3.4
2012	1	5	5	0	.4	.2	.6	8	.1	.6 1	1.2	.0	5.4	2.9	.3	2.3	3.4
2013	1	1.1	.4	.7	.5	.0		0	.2	1	1.2	.1	5.0	2.)	.5	2.3	3.0
P (2007=100)																	
011	92.6	92.2	93.1	92.6	92.9	93.1	93.6	94.1	94.2	94.7	95.0	95.5	92.6	92.9	94.0	95.1	93.6
012	96.2	96.7	96.1	96.9	97.1	97.1	97.6	96.8	97.0	96.8	98.0	98.1	96.3	97.0	97.1	97.7	97.0
013	98.0	99.1	99.5										98.9				
Capacity																	
percent of																	
2007 output) 2011	121.6	121.7	121.8	121.9	122.0	122.2	122.4	122.6	122.8	123.1	123.3	123.6	121.7	122.0	122.6	123.3	122.4
2011	121.6	121.7	121.8	121.9	124.8	122.2	125.2	125.4	122.8	125.1	125.5	125.0	121.7	124.8	125.4	125.5	122.4
013	126.4	126.6	126.8	124.0	124.0	123.0	123.2	123.4	123.0	123.0	120.0	120.2	126.6	124.0	123.4	120.0	123.1
Utilization																	
percent)																	
1991	79.9	79.3	78.8	78.8	79.5	80.2	80.1	80.1	80.7	80.5	80.3	79.9	79.3	79.5	80.3	80.2	79.8
1992	79.3	79.8	80.3	80.7	80.8	80.6	81.2	80.6	80.6	81.0	81.2	81.0	79.8	80.7	80.8	81.1	80.6
.993	81.3	81.5	81.3	81.4	81.0	81.1	81.2	81.1	81.4	81.8	82.0	82.3	81.3	81.2	81.2	82.0	81.4
994	82.4	82.3	82.9	83.2	83.4	83.7	83.6	83.8	83.7	84.2	84.4	85.0	82.6	83.4	83.7	84.5	83.6
.995	84.9	84.5	84.4	84.0	83.9	83.9	83.3	84.1	84.1	83.6	83.5	83.4	84.6	84.0	83.8	83.5	84.0
996	82.5	83.5	83.0	83.3	83.5	83.9	83.4	83.6	83.6	83.2	83.5	83.6	83.0	83.6	83.5	83.5	83.4
997	83.3	83.9	84.1	83.7	83.9	83.8	83.8	84.4	84.6	84.6	84.8	84.6	83.8	83.8	84.3	84.7	84.1
998	84.4	84.0	83.5 81.6	83.3	83.3	82.3	81.5	82.8	82.1	82.3	81.9	81.8 82.2	84.0 81.7	82.9 81.5	82.1 81.4	82.0	82.8
	81.8	81.8 82.0	82.1	81.5 82.3	81.8 82.2	81.3 81.9	81.5 81.5	81.6 81.0	81.0 81.2	81.8 80.6	81.9 80.3	79.8	82.0	82.1	81.2	82.0 80.2	81.6 81.4
	82.0	02.0							74.7	74.2	73.6	73.5	78.4	76.7	75.1		76.0
2000			77.0	77.5	767	76.0	75 5	75 1									
2000	79.0	78.3	77.9 74.2	77.5 74.4	76.7 74.8	76.0 75.5	75.5 75.2	75.1 75.3								73.8 75.3	
2000 2001 2002	79.0 73.9	78.3 73.7	74.2	74.4	74.8	75.5	75.2	75.3	75.3	75.1	75.5	75.2	73.9	74.9	75.3	75.3	74.8
2000 2001 2002 2003	79.0 73.9 75.8	78.3 73.7 76.1	74.2 76.0	74.4 75.4	74.8 75.4	75.5 75.5	75.2 75.8	75.3 75.7	75.3 76.2	75.1 76.2	75.5 76.8	75.2 76.7	73.9 76.0	74.9 75.4	75.3 75.9	75.3 76.5	74.8 76.0
2000 2001 2002 2003 2004	79.0 73.9	78.3 73.7	74.2	74.4	74.8	75.5	75.2	75.3	75.3	75.1	75.5	75.2	73.9	74.9	75.3	75.3	74.8
2000 2001 2002 2003 2004 2005	79.0 73.9 75.8 77.0	78.3 73.7 76.1 77.4	74.2 76.0 77.0	74.4 75.4 77.4	74.8 75.4 77.9	75.5 75.5 77.3	75.2 75.8 77.9	75.3 75.7 78.1	75.3 76.2 78.1	75.1 76.2 78.8	75.5 76.8 78.9	75.2 76.7 79.4	73.9 76.0 77.1	74.9 75.4 77.5	75.3 75.9 78.0	75.3 76.5 79.1	74.8 76.0 77.9 79.8
0000 0001 0002 0003 0004 0005	79.0 73.9 75.8 77.0 79.7	78.3 73.7 76.1 77.4 80.1	74.2 76.0 77.0 80.0	74.4 75.4 77.4 80.0	74.8 75.4 77.9 80.0	75.5 75.5 77.3 80.2	75.2 75.8 77.9 80.0	75.3 75.7 78.1 80.0	75.3 76.2 78.1 78.3	75.1 76.2 78.8 79.2	75.5 76.8 78.9 79.8	75.2 76.7 79.4 80.2	73.9 76.0 77.1 79.9	74.9 75.4 77.5 80.1	75.3 75.9 78.0 79.4	75.3 76.5 79.1 79.7	74.8 76.0 77.9 79.8 80.2
2000 2001 2002 2003 2004 2005 2006 2007	79.0 73.9 75.8 77.0 79.7	78.3 73.7 76.1 77.4 80.1	74.2 76.0 77.0 80.0	74.4 75.4 77.4 80.0	74.8 75.4 77.9 80.0	75.5 75.5 77.3 80.2	75.2 75.8 77.9 80.0	75.3 75.7 78.1 80.0	75.3 76.2 78.1 78.3 80.1	75.1 76.2 78.8 79.2	75.5 76.8 78.9 79.8	75.2 76.7 79.4 80.2	73.9 76.0 77.1 79.9	74.9 75.4 77.5 80.1 80.3	75.3 75.9 78.0 79.4 80.3	75.3 76.5 79.1 79.7	74.8 76.0 77.9 79.8 80.2 80.5
2000 2001 2002 2003 2004 2005 2006 2006 2007 2008	79.0 73.9 75.8 77.0 79.7 80.2 79.7 80.5 70.0	78.3 73.7 76.1 77.4 80.1 80.1 80.4 80.4 69.6	74.2 76.0 77.0 80.0 80.2 80.3 80.2 68.5	74.4 75.4 77.4 80.0 80.4 80.7 79.6 67.9	74.8 75.4 77.9 80.0 80.2 80.6 79.3 67.2	75.5 75.5 77.3 80.2 80.4 80.5 79.2 66.9	75.2 75.8 77.9 80.0 80.3 80.4 78.8 67.6	75.3 75.7 78.1 80.0 80.3 80.4 77.5 68.3	75.3 76.2 78.1 78.3 80.1 80.7 74.2 68.9	75.1 76.2 78.8 79.2 79.9 80.3 74.8 69.2	75.5 76.8 78.9 79.8 79.6 80.7 73.9 69.7	75.2 76.7 79.4 80.2 80.2 80.8 71.7 70.1	73.9 76.0 77.1 79.9 80.2 80.1 80.4 69.4	74.9 75.4 77.5 80.1 80.3 80.6 79.4 67.3	75.3 75.9 78.0 79.4 80.3 80.5 76.8 68.3	75.3 76.5 79.1 79.7 79.9 80.6 73.5 69.7	74.8 76.0 77.9 79.8 80.2 80.5 77.5 68.7
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	79.0 73.9 75.8 77.0 79.7 80.2 79.7 80.5	78.3 73.7 76.1 77.4 80.1 80.1 80.4 80.4	74.2 76.0 77.0 80.0 80.2 80.3 80.2	74.4 75.4 77.4 80.0 80.4 80.7 79.6	74.8 75.4 77.9 80.0 80.2 80.6 79.3	75.5 75.5 77.3 80.2 80.4 80.5 79.2	75.2 75.8 77.9 80.0 80.3 80.4 78.8	75.3 75.7 78.1 80.0 80.3 80.4 77.5	75.3 76.2 78.1 78.3 80.1 80.7 74.2	75.1 76.2 78.8 79.2 79.9 80.3 74.8	75.5 76.8 78.9 79.8 79.6 80.7 73.9	75.2 76.7 79.4 80.2 80.2 80.8 71.7	73.9 76.0 77.1 79.9 80.2 80.1 80.4	74.9 75.4 77.5 80.1 80.3 80.6 79.4	75.3 75.9 78.0 79.4 80.3 80.5 76.8	75.3 76.5 79.1 79.7 79.9 80.6 73.5	74.8 76.0 77.9 79.8 80.2 80.5 77.5 68.7
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	79.0 73.9 75.8 77.0 79.7 80.2 79.7 80.5 70.0	78.3 73.7 76.1 77.4 80.1 80.1 80.4 80.4 69.6 71.5	74.2 76.0 77.0 80.0 80.2 80.3 80.2 68.5	74.4 75.4 77.4 80.0 80.4 80.7 79.6 67.9	74.8 75.4 77.9 80.0 80.2 80.6 79.3 67.2	75.5 75.5 77.3 80.2 80.4 80.5 79.2 66.9	75.2 75.8 77.9 80.0 80.3 80.4 78.8 67.6 74.8	75.3 75.7 78.1 80.0 80.3 80.4 77.5 68.3	75.3 76.2 78.1 78.3 80.1 80.7 74.2 68.9	75.1 76.2 78.8 79.2 79.9 80.3 74.8 69.2	75.5 76.8 78.9 79.8 79.6 80.7 73.9 69.7	75.2 76.7 79.4 80.2 80.2 80.8 71.7 70.1	73.9 76.0 77.1 79.9 80.2 80.1 80.4 69.4	74.9 75.4 77.5 80.1 80.3 80.6 79.4 67.3 73.6	75.3 75.9 78.0 79.4 80.3 80.5 76.8 68.3	75.3 76.5 79.1 79.7 79.9 80.6 73.5 69.7	74.8 76.0 77.9
1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	79.0 73.9 75.8 77.0 79.7 80.2 79.7 80.5 70.0 71.0	78.3 73.7 76.1 77.4 80.1 80.1 80.4 80.4 69.6 71.5	74.2 76.0 77.0 80.0 80.2 80.3 80.2 68.5 72.2	74.4 75.4 77.4 80.0 80.4 80.7 79.6 67.9 72.6	74.8 75.4 77.9 80.0 80.2 80.6 79.3 67.2 73.9	75.5 75.5 77.3 80.2 80.4 80.5 79.2 66.9 74.2	75.2 75.8 77.9 80.0 80.3 80.4 78.8 67.6 74.8	75.3 75.7 78.1 80.0 80.3 80.4 77.5 68.3 75.1	75.3 76.2 78.1 78.3 80.1 80.7 74.2 68.9 75.4	75.1 76.2 78.8 79.2 79.9 80.3 74.8 69.2 75.2	75.5 76.8 78.9 79.8 79.6 80.7 73.9 69.7 75.5	75.2 76.7 79.4 80.2 80.2 80.8 71.7 70.1 76.2	73.9 76.0 77.1 79.9 80.2 80.1 80.4 69.4 71.6	74.9 75.4 77.5 80.1 80.3 80.6 79.4 67.3 73.6	75.3 75.9 78.0 79.4 80.3 80.5 76.8 68.3 75.1	75.3 76.5 79.1 79.7 79.9 80.6 73.5 69.7 75.6	74.8 76.0 77.9 79.8 80.2 80.5 77.5 68.7 74.0

^{1.} Quarterly changes are at annual rates. Annual changes are calculated from annual averages.

Table 12 HISTORICAL STATISTICS FOR INDUSTRIAL PRODUCTION, CAPACITY, AND UTILIZATION: Manufacturing ¹ Seasonally adjusted

Year IP (percent	Jan.																
IP (nercent	Juii.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Q1	Q2	Q3	Q4	Annual
change) ²			_		_												
1991	8	6	7	.3	.7	1.1	.2	.3	1.1	2	2	1	-8.8	1.9	7.2	1.6	-2.0
1992 1993	6 1.0	.9 .2	1.0 2	.5	.6 1	.3 2	.9 .3	4 1	.0	.7 .8	.4 .4	2	.5 4.5	8.2 1.4	4.0 1.0	3.1 6.9	3.6
1993	.2	.2	1.3	.5 .8	1 .7	2	.3	1	.6 .4	1.0	.8	.5 1.1	4.5	9.6	6.1	10.3	3.5 5.9
1995	.2	2	.2	1	.1	.5	6	1.1	.8	1	.0	.4	4.9	.9	3.2	4.1	5.9
1996	8	1.6	2	1.1	.7	1.1	.3	.6	.7	1	.8	.9	2.0	9.5	7.8	5.7	4.8
1997	.1	1.4	1.2	2	.9	.6	.5	1.6	.8	.6	1.1	.4	9.3	7.6	10.8	10.9	8.4
1998	.8	.1	1	.5	.6	7	5	2.5	4	1.0	.1	.5	6.1	2.3	3.2	7.6	6.6
1999	.3	.7	.0	.4	.9	4	.5	.6	3	1.5	.7	.7	4.7	4.4	3.7	9.0	5.0
2000	.2	.3	.7	.6	2	.2	.0	6	.5	4	3	6	5.3	4.4	8	-2.9	4.2
2001	6	6	3	3	8	7	3	6	2	6	3	.3	-6.4	-5.5	-6.0	-4.2	-4.1
2002	.5	1	.7	.2	.6	1.2	5	.4	.1	4	.5	4	3.3	5.9	3.1	3	.3
2003	.5	.2 .7	.2	9	.0 .7	.4	.1	4	.8	1	1.0	2	2.4	-2.4	1.5	3.7	1.3
2004 2005	.0 .7	.8	2 4	.4 .3	.4	7 .2	.9 1	.6 .3	.0 -1.0	1.0 1.5	1 .8	.6 .1	2.5 6.0	3.0 2.3	4.2 1	5.5 5.7	2.8 4.0
									-1.0								
2006 2007	.8 5	2 .4	1 .7	.6 .7	4 1	.3	2 .1	.4 4	.1	4 4	.1	1.5	3.9 4.2	1.1 5.7	.7 1.0	1.2	2.5
2007	4	6	3	-1.1	5	5	-1.1	-1.3	-3.4	6	-2.2	-3.4	-2.6	-7.8	-13.4	-21.5	-4.7
2009	-2.9	2	-1.9	8	-1.1	3	1.2	1.1	.8	.1	1.1	.0	-23.7	-11.1	6.6	7.3	-13.6
2010	1.0	.0	1.3	.9	1.4	.0	.7	.1	.1	.1	.2	.6	7.3	11.3	5.2	1.8	6.1
2011	.2	.0	.7	7	.3	.1	.7	.4	.4	.6	.0	1.0	3.4	4	5.0	5.2	3.4
2012	1.0	.6	5	.6	3	.3	.2	7	.1	4	1.4	.8	8.1	1.6	5	2.3	3.9
2013	3	.9	1										5.3				
IP (2007=100)																	
2011	89.3	89.3	89.9	89.3	89.5	89.6	90.2	90.6	90.9	91.4	91.4	92.3	89.5	89.5	90.6	91.7	90.3
2012 2013	93.3 95.0	93.9 95.9	93.4 95.7	93.9	93.7	94.0	94.2	93.5	93.6	93.2	94.5	95.3	93.5 95.5	93.9	93.8	94.3	93.9
Capacity (percent of																	
2011	121.7 123.0	121.7 123.1	121.7 123.3	121.7 123.5	121.8 123.6	121.9 123.8	122.0 124.0	122.1 124.1	122.3 124.3	122.5 124.4	122.6 124.6	122.8 124.8	121.7 123.1	121.8 123.6	122.1 124.1	122.6 124.6	122.1 123.9
2007 output) 2011 2012 2013		121.7 123.1 125.1	121.7 123.3 125.3	121.7 123.5								122.8 124.8	121.7 123.1 125.1				122.1 123.9
2011 2012 2013 Utilization	123.0	123.1	123.3										123.1				
2011 2012 2013 Utilization (percent) 1991	123.0 125.0 78.5	123.1 125.1 77.9	123.3 125.3	123.5 77.4	123.6 77.8	123.8 78.6	124.0 78.7	124.1 78.8	124.3 79.5	124.4 79.3	124.6 79.0	124.8 78.8	123.1 125.1 77.9	123.6 77.9	124.1 79.0	124.6 79.1	123.9 78.5
2011 2012 2013 Utilization (percent) 1991 1992	123.0 125.0 78.5 78.2	123.1 125.1 77.9 78.8	123.3 125.3 77.3 79.4	77.4 79.6	77.8 79.9	78.6 79.9	78.7 80.4	78.8 79.8	79.5 79.7	79.3 80.0	79.0 80.1	78.8 79.8	123.1 125.1 77.9 78.8	77.9 79.8	79.0 80.0	79.1 80.0	78.5 79.6
2011 2012 2013 Utilization (percent) 1991 1992 1993	123.0 125.0 78.5 78.2 80.4	123.1 125.1 77.9 78.8 80.4	123.3 125.3 77.3 79.4 80.1	77.4 79.6 80.4	77.8 79.9 80.2	78.6 79.9 80.0	78.7 80.4 80.1	78.8 79.8 79.8	79.5 79.7 80.2	79.3 80.0 80.8	79.0 80.1 81.0	78.8 79.8 81.2	123.1 125.1 77.9 78.8 80.3	77.9 79.8 80.2	79.0 80.0 80.0	79.1 80.0 81.0	78.5 79.6 80.4
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994	78.5 78.2 80.4 81.2	77.9 78.8 80.4 81.1	123.3 125.3 77.3 79.4 80.1 82.0	77.4 79.6 80.4 82.4	77.8 79.9 80.2 82.7	78.6 79.9 80.0 82.7	78.7 80.4 80.1 82.7	78.8 79.8 79.8 83.1	79.5 79.7 80.2 83.2	79.3 80.0 80.8 83.7	79.0 80.1 81.0 84.0	78.8 79.8 81.2 84.6	123.1 125.1 77.9 78.8 80.3 81.4	77.9 79.8 80.2 82.6	79.0 80.0 80.0 83.0	79.1 80.0 81.0 84.1	78.5 79.6 80.4 82.8
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995	78.5 78.2 80.4 81.2 84.5	77.9 78.8 80.4 81.1 84.0	123.3 125.3 77.3 79.4 80.1 82.0 83.8	77.4 79.6 80.4 82.4 83.4	77.8 79.9 80.2 82.7 83.1	78.6 79.9 80.0 82.7 83.2	78.7 80.4 80.1 82.7 82.3	78.8 79.8 79.8 79.8 83.1 82.9	79.5 79.7 80.2 83.2 83.2	79.3 80.0 80.8 83.7 82.8	79.0 80.1 81.0 84.0 82.4	78.8 79.8 81.2 84.6 82.3	77.9 78.8 80.3 81.4 84.1	77.9 79.8 80.2 82.6 83.2	79.0 80.0 80.0 83.0 82.8	79.1 80.0 81.0 84.1 82.5	78.5 79.6 80.4 82.8 83.2
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995	78.5 78.2 80.4 81.2 84.5	77.9 78.8 80.4 81.1 84.0	123.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6	77.4 79.6 80.4 82.4 83.4 82.0	77.8 79.9 80.2 82.7 83.1 82.2	78.6 79.9 80.0 82.7 83.2 82.6	78.7 80.4 80.1 82.7 82.3 82.4	78.8 79.8 79.8 83.1 82.9 82.5	79.5 79.7 80.2 83.2 83.2 82.6	79.3 80.0 80.8 83.7 82.8 82.1	79.0 80.1 81.0 84.0 82.4 82.3	78.8 79.8 81.2 84.6 82.3 82.5	77.9 78.8 80.3 81.4 84.1 81.7	77.9 79.8 80.2 82.6 83.2 82.3	79.0 80.0 80.0 83.0 82.8 82.5	79.1 80.0 81.0 84.1 82.5	78.5 79.6 80.4 82.8 83.2 82.2
2011 2012 2013 Utilization percent) 1991 1992 1993 1994 1995	78.5 78.2 80.4 81.2 84.5 81.3 82.1	77.9 78.8 80.4 81.1 84.0 82.2 82.8	77.3 79.4 80.1 82.0 83.8 81.6 83.3	77.4 79.6 80.4 82.4 83.4 82.0 82.6	77.8 79.9 80.2 82.7 83.1 82.2 82.8	78.6 79.9 80.0 82.7 83.2 82.6 82.8	78.7 80.4 80.1 82.7 82.3 82.4 82.7	78.8 79.8 79.8 83.1 82.9 82.5 83.4	79.5 79.7 80.2 83.2 83.2 82.6 83.6	79.3 80.0 80.8 83.7 82.8 82.1 83.5	79.0 80.1 81.0 84.0 82.4 82.3 83.8	78.8 79.8 81.2 84.6 82.3 82.5 83.5	77.9 78.8 80.3 81.4 84.1 81.7 82.7	77.9 79.8 80.2 82.6 83.2 82.3 82.7	79.0 80.0 80.0 83.0 82.8 82.5 83.2	79.1 80.0 81.0 84.1 82.5 82.3 83.6	78.5 79.6 80.4 82.8 83.2 82.2 83.1
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0	77.3 79.4 80.1 82.0 83.8 81.6 83.3 82.3	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.8	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7	79.3 80.0 80.8 83.7 82.8 82.1 83.5 81.1	79.0 80.1 81.0 84.0 82.4 82.3 83.8 80.7	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8	78.5 79.6 80.4 82.8 83.2 82.2 83.1
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995	78.5 78.2 80.4 81.2 84.5 81.3 82.1	77.9 78.8 80.4 81.1 84.0 82.2 82.8	77.3 79.4 80.1 82.0 83.8 81.6 83.3	77.4 79.6 80.4 82.4 83.4 82.0 82.6	77.8 79.9 80.2 82.7 83.1 82.2 82.8	78.6 79.9 80.0 82.7 83.2 82.6 82.8	78.7 80.4 80.1 82.7 82.3 82.4 82.7	78.8 79.8 79.8 83.1 82.9 82.5 83.4	79.5 79.7 80.2 83.2 83.2 82.6 83.6	79.3 80.0 80.8 83.7 82.8 82.1 83.5	79.0 80.1 81.0 84.0 82.4 82.3 83.8	78.8 79.8 81.2 84.6 82.3 82.5 83.5	77.9 78.8 80.3 81.4 84.1 81.7 82.7	77.9 79.8 80.2 82.6 83.2 82.3 82.7	79.0 80.0 80.0 83.0 82.8 82.5 83.2	79.1 80.0 81.0 84.1 82.5 82.3 83.6	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1998 1999 2000	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.6	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.8	123.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6 83.3 82.3 80.3	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.8 80.0	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.6	79.3 80.0 80.8 83.7 82.8 82.1 83.5 81.1 80.5	79.0 80.1 81.0 84.0 82.4 82.3 83.8 80.7 80.6	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.6 80.7 76.6 71.9	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.8 75.9 71.8	123.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6 83.3 82.3 80.3 80.8 75.5 72.2	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6 80.4 74.3 72.8	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.8 80.0 80.3	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.6 79.3 72.3 73.6	79.3 80.0 80.8 83.7 82.8 82.1 83.5 81.1 80.5 78.6	79.0 80.1 81.0 84.0 82.4 82.3 83.8 80.7 80.6 78.1 71.4 73.6	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9 77.4 71.6 73.3	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3 80.5 74.3 72.9	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0 79.5 72.7 73.4	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.6 80.7 76.6 71.9	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.8 80.6 75.9 71.8	123.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6 83.3 82.3 80.3 80.8 75.5 72.2	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9 75.1 72.3 73.3	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6 80.4 74.3 72.8 73.4	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.0 80.3 73.6 73.6 73.7	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9 73.2 73.2 73.8	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.6 79.3 72.3 73.6 74.1	79.3 80.0 80.8 83.7 82.8 82.1 83.5 81.1 80.5 78.6 71.8 73.3 74.1	79.0 80.1 81.0 84.0 82.4 82.3 83.8 80.7 80.6 78.1 71.4 73.6 74.8	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9 77.4 71.6 73.3 74.7	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7 76.0 72.0	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3 80.5 74.3 72.9	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0 79.5 72.7 73.4 73.8	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4 74.6	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7 73.6 72.9
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.6 80.7 76.6 71.9 73.7 74.8	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.8 80.6 75.9 71.8 73.9 75.3	123.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6 83.3 82.3 80.3 80.8 75.5 72.2 74.0	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9 75.1 72.3 73.3 75.6	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6 80.4 74.3 72.8 73.4 76.1	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.0 80.3 73.6 73.6 73.7 75.6	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9 73.2 73.2 73.8 76.3	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5 73.5 76.7	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.6 79.3 72.3 73.6 74.1 76.6	79.3 80.0 80.8 83.7 82.8 82.1 83.5 81.1 80.5 78.6 71.8 73.3 74.1 77.4	79.0 80.1 81.0 84.0 82.4 82.3 83.8 80.7 80.6 78.1 71.4 73.6 74.8 77.2	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9 77.4 71.6 73.3	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7 76.0 72.0 73.9 75.1	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3 80.5 74.3 72.9 73.5 75.8	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0 79.5 72.7 73.4 73.8 76.5	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4 74.6 77.4	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7 73.6 72.9 73.9
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.7 76.6 71.9 73.7 74.8	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.6 75.9 71.8 73.9 75.3 78.5	123.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6 83.3 80.3 80.8 75.5 72.2 74.0 75.2 78.0	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9 75.1 72.3 73.3 75.6 78.1	77.8 79.9 80.2 82.7 83.1 82.2 82.8 80.6 80.4 74.3 72.8 73.4 76.1 78.2	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.0 80.3 73.6 73.6 73.7 75.6 78.2	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9 73.2 73.2 73.2 73.6 76.3 78.0	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5 73.5 76.7 78.0	79.5 79.7 80.2 83.2 83.6 83.6 80.7 79.3 72.3 73.6 74.1 76.6 77.0	79.3 80.0 80.8 83.7 82.8 82.1 83.5 81.1 80.5 78.6 71.8 73.3 74.1 77.4 78.0	79.0 80.1 81.0 82.4 82.3 83.8 80.7 80.6 78.1 71.4 73.6 74.8 77.2 78.5	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9 77.4 71.6 73.3 74.7 77.6 78.4	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7 76.0 72.0 73.9 75.1 78.2	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3 80.5 74.3 72.9 73.5 75.8 78.2	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0 79.5 72.7 73.4 73.8 76.5 77.7	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4 74.6 77.4 78.3	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7 73.6 72.9 76.2 78.1
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.6 76.6 71.9 73.7 74.8 78.0	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.8 75.9 71.8 73.9 75.3 78.5	123.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6 83.3 80.3 80.8 75.5 72.2 74.0 75.2 78.0	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9 75.1 72.3 75.6 78.1	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6 80.4 74.3 72.8 73.4 76.1 78.2	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.8 80.0 80.3 73.6 73.6 73.7 75.6 78.2	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9 73.2 73.2 73.8 76.3 78.0	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5 76.7 78.0	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.6 79.3 72.3 73.6 74.1 76.6 77.0	79.3 80.0 80.8 83.7 82.8 82.1 83.5 81.1 80.5 78.6 71.8 73.3 74.1 77.4 78.0	79.0 80.1 81.0 82.4 82.3 83.8 80.7 80.6 78.1 71.4 73.6 74.8 77.2 78.5	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9 77.4 71.6 73.3 74.7 77.6 78.4	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7 76.0 72.0 73.9 75.1 78.2 78.7	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3 80.5 74.3 72.9 73.5 75.8 78.2	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0 79.5 72.7 73.4 73.8 76.5 77.7	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4 74.6 77.4 78.3	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7 73.6 72.9 76.2 78.1
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.6 70.7 76.6 71.9 73.7 74.8 78.0	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.8 75.9 71.8 73.9 75.3 78.5	123.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6 83.3 82.3 80.3 80.8 75.5 72.2 74.0 75.2 78.0	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9 75.1 72.3 73.3 75.6 78.1	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6 80.4 74.3 72.8 73.4 76.1 78.2	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.0 80.3 73.6 73.6 73.7 75.6 78.2	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9 73.2 73.2 73.8 76.3 78.0	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5 73.5 76.7 78.0	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.6 79.3 72.3 73.6 74.1 76.6 77.0	79.3 80.0 80.8 83.7 82.8 82.1 83.5 78.6 71.8 73.3 74.1 77.4 78.0	79.0 80.1 81.0 82.4 82.3 83.8 80.7 80.6 78.1 71.4 73.6 74.8 77.2 78.5	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9 77.4 71.6 73.3 74.7 77.6 78.4	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7 76.0 72.0 73.9 75.1 78.2 78.7	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3 80.5 74.3 72.9 73.5 75.8 78.2	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0 79.5 72.7 73.4 73.8 76.5 77.7	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4 74.6 77.4 78.3	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7 73.6 72.9 73.9 76.2 78.1
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005 2006 2007 2008	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.6 80.7 76.6 71.9 73.7 74.8 78.0 78.9 78.2 78.1	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.8 80.6 75.9 71.8 73.9 75.3 78.5 78.6 78.3 77.7	123.3 125.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6 83.3 82.3 80.3 80.8 75.5 72.2 74.0 75.2 78.0	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9 75.1 72.3 73.3 75.6 78.1 78.8	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6 80.4 74.3 72.8 73.4 76.1 78.2 78.4 78.8 76.3	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.0 80.3 73.6 73.6 73.7 75.6 78.2 78.5 78.9	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9 73.2 73.2 73.8 76.3 78.0 78.2 78.8 75.3	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5 76.7 78.0 78.4 78.3 74.4	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.6 79.3 72.3 73.6 74.1 76.6 77.0 78.4 78.6 72.0	79.3 80.0 80.8 83.7 82.8 82.1 83.5 78.6 71.8 73.3 74.1 77.4 78.0 77.9 78.2 71.6	79.0 80.1 81.0 84.0 82.4 82.3 83.8 80.7 80.6 78.1 71.4 73.6 74.8 77.2 78.5 77.8	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9 77.4 71.6 73.3 74.7 77.6 78.4 78.8 78.5 67.9	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7 76.0 72.0 73.9 75.1 78.2 78.7 78.4 77.8	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3 80.5 74.3 72.9 73.5 75.8 78.2 78.6 78.9 76.3	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0 79.5 72.7 73.4 73.8 76.5 77.7	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4 74.6 77.4 78.3	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7 73.6 72.9 76.2 78.1 78.4 78.6
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.6 70.7 76.6 71.9 73.7 74.8 78.0	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.8 75.9 71.8 73.9 75.3 78.5	123.3 125.3 125.3 77.3 79.4 80.1 82.0 83.8 81.6 83.3 82.3 80.3 80.8 75.5 72.2 74.0 75.2 78.0	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9 75.1 72.3 73.3 75.6 78.1	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6 80.4 74.3 72.8 73.4 76.1 78.2	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.0 80.3 73.6 73.6 73.7 75.6 78.2	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9 73.2 73.2 73.8 76.3 78.0	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5 73.5 76.7 78.0	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.6 79.3 72.3 73.6 74.1 76.6 77.0	79.3 80.0 80.8 83.7 82.8 82.1 83.5 78.6 71.8 73.3 74.1 77.4 78.0	79.0 80.1 81.0 82.4 82.3 83.8 80.7 80.6 78.1 71.4 73.6 74.8 77.2 78.5	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9 77.4 71.6 73.3 74.7 77.6 78.4	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7 76.0 72.0 73.9 75.1 78.2 78.7	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3 80.5 74.3 72.9 73.5 75.8 78.2	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0 79.5 72.7 73.4 73.8 76.5 77.7	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4 74.6 77.4 78.3	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7 73.6 72.9 73.9 76.2 78.1
2011 2012 2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005 2006 2007 2008 2008 2009 2010	78.5 78.2 80.4 81.2 84.5 81.3 82.1 83.6 80.6 71.9 73.7 74.8 78.0 78.9 78.2 78.1 66.1 66.1	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.6 75.9 71.8 73.9 75.3 78.5 78.6 78.3 77.7 66.1 68.5	123.3 125.3 125.3 125.3 125.3 125.3 125.3 125.3 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0 120.0	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9 75.1 72.3 73.3 75.6 78.1 78.8 79.1 76.6 64.6 70.2	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6 80.4 74.3 72.8 73.4 76.1 78.2 78.4 78.8 76.3 64.0 71.4	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.0 80.3 73.6 73.6 73.7 75.6 78.2 78.5 78.9 76.0 64.0 71.5	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9 73.2 73.2 73.2 73.8 76.3 78.0 78.2 78.8 75.3 64.8 72.1	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5 76.7 78.0 78.4 78.3 74.4 65.7 72.3	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.3 72.3 73.6 74.1 76.6 77.0 78.4 78.6 72.0 66.3 72.5	79.3 80.0 80.8 83.7 82.8 82.1 83.5 78.6 71.8 73.3 74.1 77.9 78.2 71.6 66.5 72.6	79.0 80.1 81.0 82.4 82.3 83.8 80.7 80.6 78.1 71.4 73.6 74.8 77.8 78.5 70.2 67.4 72.8	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.7 80.9 77.4 71.6 73.3 74.7 77.6 78.4 78.8 78.5 67.9 67.6 73.3	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7 76.0 72.0 73.9 75.1 78.2 78.7 78.4 77.8 65.7 66.8	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.5 74.3 72.9 73.5 75.8 78.2 78.6 78.9 76.3 64.2 71.0	79.0 80.0 80.0 83.0 82.8 82.5 83.2 80.7 80.0 79.5 72.7 73.4 73.8 76.6 77.7 78.3 78.6 73.9 65.6 72.3	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4 74.6 77.4 78.3 78.1 78.4 69.9 67.2 72.9	78.5 79.6 80.4 82.8 83.2 82.2 83.1 81.5 80.4 79.7 73.6 72.9 76.2 78.1 78.4 78.6 65.7 71.3
2011 2012	78.5 78.2 80.4 81.3 82.1 83.6 80.6 80.6 71.9 73.7 74.8 78.0 78.9 78.2 78.1 66.1	77.9 78.8 80.4 81.1 84.0 82.2 82.8 83.0 80.8 80.6 75.9 71.8 73.9 75.3 78.5 78.6 78.3 77.7	123.3 125.3 125.3 125.3 125.3 125.3 125.3 125.3 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1 126.1	77.4 79.6 80.4 82.4 83.4 82.0 82.6 82.1 80.3 80.9 75.1 72.3 73.3 75.6 78.1	77.8 79.9 80.2 82.7 83.1 82.2 82.8 82.0 80.6 80.4 74.3 72.8 73.4 76.1 78.2 78.4 78.8 76.3 64.0	78.6 79.9 80.0 82.7 83.2 82.6 82.8 80.0 80.3 73.6 73.6 73.6 73.7 75.6 78.2 78.5 78.9 76.0 64.0	78.7 80.4 80.1 82.7 82.3 82.4 82.7 80.0 80.1 79.9 73.2 73.2 73.2 73.8 76.3 78.0 78.2 78.8 75.3 64.8	78.8 79.8 79.8 83.1 82.9 82.5 83.4 81.5 80.2 79.1 72.6 73.5 73.5 76.7 78.0 78.4 78.3 74.4 65.7	79.5 79.7 80.2 83.2 83.2 82.6 83.6 80.7 79.6 79.3 72.3 73.6 74.1 76.6 77.0 78.4 78.6 72.0 66.3	79.3 80.0 80.8 83.7 82.8 82.1 83.5 81.1 80.5 78.6 71.8 73.3 74.1 77.4 78.0 77.9 78.2 71.6 66.5	79.0 80.1 81.0 84.0 82.4 82.3 83.8 80.7 80.6 74.8 77.2 78.5 77.8 78.5 70.2 67.4	78.8 79.8 81.2 84.6 82.3 82.5 83.5 80.9 77.4 71.6 73.3 74.7 77.6 78.4 78.8 78.5 67.9	77.9 78.8 80.3 81.4 84.1 81.7 82.7 83.0 80.6 80.7 76.0 72.0 73.9 75.1 78.2 78.7 78.4 77.8	77.9 79.8 80.2 82.6 83.2 82.3 82.7 81.7 80.3 80.5 74.3 72.9 73.5 75.8 78.2 78.6 78.9 76.3 64.2	79.0 80.0 80.0 82.8 82.5 83.2 80.7 79.5 72.7 73.4 73.8 76.5 77.7	79.1 80.0 81.0 84.1 82.5 82.3 83.6 80.8 80.7 78.0 71.6 73.4 74.6 77.4 78.3 78.1 78.4 69.9 67.2	

Refer to note on cover page.
 Quarterly changes are at annual rates. Annual changes are calculated from annual averages.

Table 13
HISTORICAL STATISTICS FOR INDUSTRIAL PRODUCTION, CAPACITY, AND UTILIZATION: Total Industry Excluding Selected High-Technology Industries¹

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Q1	Q2	Q3	Q4	Annual
IP (percent						-			-						-		
change) ²																	
1991	4	8	6	.2	1.0	1.0	.0	.1	.9	2	2	5	-8.0	2.0	5.4	.4	-2.0
1992	8	.8	.7	.6	.3	1	.8	6	.1	.6	.3	.0	-1.9	6.1	1.8	3.0	1.9
1993	.5	.3	1	.3	4	.2	.3	1	.4	.7	.3	.5	3.2	.2	1.4	5.1	2.5
1994	.4	.0	.9	.3	.4	.6	.0	.4	.1	.6	.4	.9	4.5	5.4	3.2	5.7	4.0
1995	.1	2	1	3	.1	.2	5	1.1	.1	4	.1	.1	2.9	-1.2	1.5	.2	2.5
996	-1.0	1.4	3	.8	.5	.7	5	.4	.3	3	.8	.5	4	6.5	2.1	3.0	1.7
1997	1	.9	.5	3	.3	.2	.4	1.0	.7	.6	.6	.1	5.1	2.3	6.3	7.7	4.2
1998	.2	.0	1	.2	.6	9	8	2.0	7	.6	4	.1	1.9	.8	3	2.3	3.0
1999	.2	.2	1	1	.6	5	.3	.3	4	1.2	.2	.5	.7	.3	1.1	5.5	1.1
2000	3	.0	.1	.4	1	1	5	4	.4	6	2	5	.5	1.5	-3.0	-2.7	1.0
2001	7	5	3	2	6	5	3	2	4	5	5	1	-5.9	-4.4	-4.3	-4.5	-4.0
2001	7 .7	3 1	3	2 .4	0 .5	s .9	3 4	2	.0	3 4	5 .5	1 6	2.8	6.2	-4.3 1.7	-4.3	-4.0
2003	.6	.2	3	9	1	1	.2	2	.6	1	.7	1	1.7	-4.7	.8	2.5	.2
2004	.2	.6	6	.5	.8	8	.8	.1	1	1.0	.2	.7	2.2	2.0	2.0	5.3	1.7
2005	.3	.6	1	.0	.1	.4	3	.0	-2.2	1.2	1.0	.5	4.8	1.3	-2.9	2.1	2.5
3006	1	0	2	2	2	2	0	1	2		2	1.0	2.4	1.0	0	0	1.4
2006 2007	5	1.1	.2 1	.6	2 .1	.3	.0	.1	2	1 7	2 .4	1.0	3.4	1.8 3.9	.8 1.1	.0 8	1.4
2007	3 4	3	1 4	.0 9	.1 5	2	.0 4	-1.6	.3 -4.3	1.0	.4 -1.0	1 -2.7	-2.6	-6.5	-12.3	8 -14.9	-4.2
2009	-2.3	7	-1.7	-1.0	-1.1	4	.9	1.1	.6	.3	.4	.4	-19.6	-11.8	4.8	6.1	-11.3
2010	1.0	.2	.7	.3	1.6	.2	.6	.2	.2	4	.2	.9	7.2	7.9	5.9	.9	5.0
					_						_						
2011	2	5	1.1	6	.3	.1	.6	.5	.1	.6	.2	.6	1.9	1.0	4.8	4.7	2.9
2012 2013	.7 1	.5 1.1	6 .4	.8	.3	.0	.5	7	.1	2	1.3	.1	5.4	2.9	.5	2.1	3.6
2013	1	1.1	.4										3.1				
IP (2007=100)																	
2011	90.8	90.4	91.4	90.8	91.1	91.3	91.8	92.3	92.4	92.9	93.1	93.6	90.8	91.1	92.1	93.2	91.8
2012	94.3	94.8	94.2	95.0	95.2	95.2	95.7	95.0	95.1	94.9	96.1	96.2	94.4	95.1	95.2	95.7	95.1
2013	96.1	97.1	97.5										96.9				
Capacity																	
(percent of																	
2007 output)																	
2011	119.8	119.8	119.7	119.7	119.8	119.9	120.0	120.1	120.2	120.4	120.6	120.8	119.8	119.8	120.1	120.6	120.1
2012			121.5	121.7	121.9	122.1	122.4	122.6	122.8	123.0	123.2	123.3	121.2	121.9	122.6	1222	122.2
	121.0	121.2												121.9	122.0	123.2	I
	121.0	121.2 123.7	123.9										123.7	121.9	122.0	123.2	
2013														121.9	122.0	123.2	
2013 Utilization														121.9	122.0	123.2	
2013 Utilization (percent) 1991	123.5	123.7 79.5	123.9 78.9	79.0	79.7	80.4	80.3	80.2	80.9	80.6	80.4	79.9	123.7 79.6	79.7	80.5	80.3	80.0
2013 Utilization (percent) 1991	80.2 79.2	79.5 79.7	78.9 80.2	80.6	80.8	80.6	81.1	80.6	80.6	81.0	81.2	81.1	79.6 79.7	79.7 80.6	80.5 80.8	80.3 81.1	80.6
Utilization (percent) 1991 1992 1993	80.2 79.2 81.5	79.5 79.7 81.6	78.9 80.2 81.5	80.6 81.6	80.8 81.2	80.6 81.2	81.1 81.4	80.6 81.2	80.6 81.4	81.0 81.9	81.2 82.1	81.1 82.3	79.6 79.7 81.5	79.7 80.6 81.3	80.5 80.8 81.3	80.3 81.1 82.1	80.6 81.6
2013 Utilization (percent) 1991 1992 1993 1994	80.2 79.2 81.5 82.6	79.5 79.7 81.6 82.5	78.9 80.2 81.5 83.1	80.6 81.6 83.2	80.8 81.2 83.4	80.6 81.2 83.8	81.1 81.4 83.6	80.6 81.2 83.8	80.6 81.4 83.7	81.0 81.9 84.1	81.2 82.1 84.3	81.1 82.3 84.9	79.6 79.7 81.5 82.7	79.7 80.6 81.3 83.5	80.5 80.8 81.3 83.7	80.3 81.1 82.1 84.5	80.6 81.6 83.6
Utilization (percent) 1991 1992 1993 1994	80.2 79.2 81.5	79.5 79.7 81.6	78.9 80.2 81.5	80.6 81.6	80.8 81.2	80.6 81.2	81.1 81.4	80.6 81.2	80.6 81.4	81.0 81.9	81.2 82.1	81.1 82.3	79.6 79.7 81.5	79.7 80.6 81.3	80.5 80.8 81.3	80.3 81.1 82.1	80.6 81.6 83.6
2013 Utilization (percent) 1991 1992 1993 1994 1995	80.2 79.2 81.5 82.6	79.5 79.7 81.6 82.5	78.9 80.2 81.5 83.1	80.6 81.6 83.2	80.8 81.2 83.4	80.6 81.2 83.8	81.1 81.4 83.6	80.6 81.2 83.8	80.6 81.4 83.7	81.0 81.9 84.1	81.2 82.1 84.3	81.1 82.3 84.9	79.6 79.7 81.5 82.7	79.7 80.6 81.3 83.5	80.5 80.8 81.3 83.7	80.3 81.1 82.1 84.5	80.6 81.6 83.6 83.9
2013 Utilization (percent) 1991 1992 1993 1994 1995	80.2 79.2 81.5 82.6 84.9	79.5 79.7 81.6 82.5 84.6	78.9 80.2 81.5 83.1 84.3	80.6 81.6 83.2 83.9	80.8 81.2 83.4 83.8	80.6 81.2 83.8 83.8	81.1 81.4 83.6 83.2	80.6 81.2 83.8 84.0	80.6 81.4 83.7 83.9	81.0 81.9 84.1 83.4	81.2 82.1 84.3 83.3	81.1 82.3 84.9 83.3	79.6 79.7 81.5 82.7 84.6	79.7 80.6 81.3 83.5 83.9	80.5 80.8 81.3 83.7 83.7	80.3 81.1 82.1 84.5 83.3	80.6 81.6 83.6 83.9
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8	80.6 81.6 83.2 83.9 83.4 83.8 83.6	80.8 81.2 83.4 83.8 83.7 83.8 83.8	80.6 81.2 83.8 83.8 84.1 83.7 82.8	81.1 81.4 83.6 83.2 83.5 83.7 81.9	80.6 81.2 83.8 84.0 83.7 84.2 83.2	80.6 81.4 83.7 83.9 83.8 84.5 82.4	81.0 81.9 84.1 83.4 83.3 84.7 82.6	81.2 82.1 84.3 83.3 83.8 84.9 82.1	81.1 82.3 84.9 83.3 84.0 84.7 81.9	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4	80.5 80.8 81.3 83.7 83.6 84.1 82.5	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2	80.6 81.6 83.6 83.9 83.5 84.2 83.1
2013 (Utilization (percent) (1991 (1992 (1993 (1994 (1995 (1996 (1997 (1998 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (1999 (80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2	80.8 81.2 83.4 83.8 83.7 83.8 83.8 81.5	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9	81.1 81.4 83.6 83.2 83.5 83.7 81.9 81.0	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5	81.1 82.3 84.9 83.3 84.0 84.7 81.9 81.9	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2	80.5 80.8 81.3 83.7 83.6 84.1 82.5 80.9	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8	80.6 81.6 83.2 83.9 83.4 83.8 83.6	80.8 81.2 83.4 83.8 83.7 83.8 83.8	80.6 81.2 83.8 83.8 84.1 83.7 82.8	81.1 81.4 83.6 83.2 83.5 83.7 81.9	80.6 81.2 83.8 84.0 83.7 84.2 83.2	80.6 81.4 83.7 83.9 83.8 84.5 82.4	81.0 81.9 84.1 83.4 83.3 84.7 82.6	81.2 82.1 84.3 83.3 83.8 84.9 82.1	81.1 82.3 84.9 83.3 84.0 84.7 81.9	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4	80.5 80.8 81.3 83.7 83.6 84.1 82.5	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8 81.4	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 81.4	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6	80.8 81.2 83.4 83.8 83.7 83.8 83.8 81.5 81.4	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2	81.1 81.4 83.6 83.2 83.5 83.7 81.9 81.0	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8	81.1 82.3 84.9 83.3 84.0 84.7 81.9 81.9 79.3	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2	80.5 80.8 81.3 83.7 83.6 84.1 82.5 80.9	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2	80.8 81.2 83.4 83.8 83.7 83.8 83.8 81.5	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9	81.1 81.4 83.6 83.2 83.5 83.7 81.9 81.0	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5	81.1 82.3 84.9 83.3 84.0 84.7 81.9 81.9	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2	80.5 80.8 81.3 83.7 83.6 84.1 82.5 80.9	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8 81.4	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 81.4	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6	80.8 81.2 83.4 83.8 83.7 83.8 83.8 81.5 81.4	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2	81.1 81.4 83.6 83.2 83.5 83.7 81.9 81.0 80.7	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8	81.1 82.3 84.9 83.3 84.0 84.7 81.9 81.9 79.3	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 81.4	80.5 80.8 81.3 83.7 83.7 83.6 84.1 82.5 80.9 80.5	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8
2013 (Utilization percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5 78.7 75.1 76.9	79.5 79.7 81.6 82.5 84.6 83.3 84.2 81.8 81.4 78.2 74.9 77.1 77.8	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 81.4 77.9 75.5 76.9	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6 77.7 75.7 76.3 77.8	80.8 81.2 83.4 83.8 83.7 83.8 81.5 81.4 77.1 76.1 76.2 78.4	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8 76.2 77.8	81.1 81.4 83.6 83.2 83.5 83.7 81.9 81.0 80.7 76.3 76.5 76.4 78.4	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.0 76.6 76.3 78.5	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.8 78.5	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3 79.4	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2 79.9	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 77.0 77.5	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 81.4 77.1 76.2 76.2	80.5 80.8 81.3 83.7 83.7 83.6 84.1 82.5 80.9 80.5 76.0 76.5 76.5	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1 79.5	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8 76.5 76.1 76.7
2013 (Utilization percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5 78.7 75.1	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8 81.4 78.2 74.9	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 81.4 77.9 75.5	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6	80.8 81.2 83.4 83.8 83.7 83.8 83.8 81.5 81.4 77.1 76.1 76.2	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8	81.1 81.4 83.6 83.2 83.5 83.7 81.0 80.7 76.3 76.5 76.4	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.0 76.6 76.3	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.8	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 75.2	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 81.4 77.1 76.2	80.5 80.8 81.3 83.7 83.6 84.1 82.5 80.9 80.5 76.0 76.5	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8 76.5 76.1
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.5 78.7 75.1 76.9 77.4 80.2	79.5 79.7 81.6 82.5 84.6 83.3 84.2 81.8 81.4 78.2 74.9 77.1 77.8 80.6	78.9 80.2 81.5 83.1 84.3 82.9 84.3 81.5 81.4 77.9 75.5 76.9 77.4 80.5	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6 77.7 75.7 76.3 77.8 80.5	80.8 81.2 83.4 83.8 83.7 83.8 81.5 81.4 77.1 76.1 76.2 78.4 80.5	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8 76.2 77.8 80.8	81.1 81.4 83.6 83.2 83.5 83.7 81.9 80.7 76.3 76.5 76.4 78.4 80.5	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.0 76.6 76.3 78.5 80.4	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.8 78.5	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7 79.2 79.3	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3 79.4 80.0	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2 79.9 80.4	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 77.0 77.5 80.4	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 81.4 77.1 76.2 76.2 78.0 80.6	80.5 80.8 81.3 83.7 83.6 84.1 82.5 80.9 80.5 76.0 76.5 78.5 79.8	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1 79.5 79.9	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8 76.5 76.1 78.4 80.2
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5 78.7 75.1 76.9 77.4 80.2	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8 81.4 78.2 74.9 77.1 77.8 80.6	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 77.9 75.5 76.9 77.4 80.5	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6 77.7 75.7 76.3 77.8 80.5	80.8 81.2 83.4 83.8 83.7 83.8 81.5 81.4 77.1 76.1 76.2 78.4 80.5	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8 76.2 77.8 80.8	81.1 81.4 83.6 83.2 83.5 83.7 81.9 80.7 76.3 76.5 76.4 78.4 80.5	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.0 76.6 76.3 78.5 80.4	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.8 78.5 78.5	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7 79.2 79.3	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3 79.4 80.0	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2 79.9 80.4	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 75.2 77.0 77.5 80.4	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 81.4 77.1 76.2 78.0 80.6	80.5 80.8 81.3 83.7 83.6 84.1 82.5 80.9 80.5 76.0 76.5 78.5 79.8	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1 79.5 79.9	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8 76.5 76.1 78.4 80.2
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5 78.7 75.1 76.9 77.4 80.2	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8 81.4 78.2 74.9 77.1 77.8 80.6	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 77.9 75.5 76.9 77.4 80.5	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6 77.7 76.3 77.8 80.5	80.8 81.2 83.4 83.8 83.7 83.8 83.8 81.5 81.4 77.1 76.1 76.2 78.4 80.5	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8 76.2 77.8 80.8	81.1 81.4 83.6 83.2 83.5 83.7 81.9 80.7 76.3 76.5 76.4 78.4 80.5	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.0 76.6 76.3 78.5 80.4	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.8 78.5 78.5	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7 79.2 79.3	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3 79.4 80.0	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2 79.9 80.4	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 75.2 77.0 77.5 80.4 80.2 80.1	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 81.4 77.1 76.2 76.2 78.0 80.6	80.5 80.8 81.3 83.7 83.6 84.1 82.5 80.9 80.5 76.5 76.5 78.5 79.8	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1 79.5 79.9	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8 76.5 76.1 78.4 80.2
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005 2006 2007 2008	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5 78.7 75.1 76.9 77.4 80.2	79.5 79.7 81.6 82.5 84.6 83.3 84.2 81.8 81.4 78.2 74.9 77.1 77.8 80.6 80.2 80.4 80.5	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 77.9 75.5 76.9 77.4 80.5	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6 77.7 75.7 76.3 77.8 80.5	80.8 81.2 83.4 83.8 83.7 83.8 81.5 81.4 77.1 76.1 76.2 78.4 80.5	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8 76.2 77.8 80.8	81.1 81.4 83.6 83.2 83.5 83.7 81.9 81.0 80.7 76.3 76.5 76.4 78.4 80.5	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.6 76.6 76.3 78.5 80.4 80.2 80.8 77.2	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.8 78.5 78.5	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7 79.2 79.3	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3 79.4 80.0	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2 79.9 80.4 80.1 81.0 71.7	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 75.2 77.0 77.5 80.4	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 81.4 77.1 76.2 76.2 78.0 80.6	80.5 80.8 81.3 83.7 83.7 83.6 84.1 82.5 80.9 80.5 76.5 76.5 78.5 79.8	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1 79.5 79.9	80.6 81.6 83.6 83.5 84.2 83.1 81.4 80.8 76.5 76.1 80.2
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2001 2002 2003 2004 2005 2006 2007 2008 2009	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5 78.7 75.1 76.9 77.4 80.2 80.3	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8 81.4 78.2 74.9 77.1 77.8 80.6	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 77.9 75.5 76.9 77.4 80.5	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6 77.7 76.3 77.8 80.5	80.8 81.2 83.4 83.8 83.7 83.8 83.8 81.5 81.4 77.1 76.1 76.2 78.4 80.5	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8 76.2 77.8 80.8	81.1 81.4 83.6 83.2 83.5 83.7 81.9 80.7 76.3 76.5 76.4 78.4 80.5	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.0 76.6 76.3 78.5 80.4	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.8 78.5 78.5 79.9 81.1	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7 79.2 79.3	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3 79.4 80.0	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2 79.9 80.4	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 77.0 77.5 80.4 80.2 80.1 80.5	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 81.4 77.1 76.2 76.2 78.0 80.6	80.5 80.8 81.3 83.7 83.6 84.1 82.5 80.9 80.5 76.5 76.5 78.5 79.8	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1 79.5 79.9	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8 76.5 76.1 80.2
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5 78.7 75.1 76.9 77.4 80.2 80.3 79.6 80.7 70.0	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8 81.4 78.2 74.9 77.1 77.8 80.6 80.2 80.4 80.5	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 76.9 77.4 80.5 80.2 80.2 80.2 80.2 87.9	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6 77.7 75.7 76.3 77.8 80.5	80.8 81.2 83.4 83.8 83.7 83.8 81.5 81.4 77.1 76.1 76.2 78.4 80.5 80.1 80.6 79.1 66.9 73.6	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8 76.2 77.8 80.8 80.3 80.7 78.9 66.7	81.1 81.4 83.6 83.2 83.5 83.7 81.9 80.7 76.3 76.5 76.4 78.4 80.5	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.6 76.3 78.5 80.4 80.2 80.8 77.2 68.2 74.8	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.6 76.5 78.5 78.5 79.9 81.1 73.8 68.8 75.1	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7 79.3 79.7 80.6 74.5 69.1 74.9	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3 79.4 80.0 79.4 81.0 73.7 69.6 75.2	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2 79.9 80.4 80.1 81.0 71.7 70.0 75.9	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 77.0 77.5 80.4 80.2 80.1 80.2 80.1 80.3 71.3	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 77.1 76.2 78.0 80.6 80.3 80.7 79.2 67.1 73.3	80.5 80.8 81.3 83.7 83.7 83.6 84.1 82.5 80.9 80.5 76.0 76.5 78.5 79.8 80.1 80.9 76.6 68.1 74.8	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1 79.5 79.9 79.7 80.8 73.3 69.6 75.3	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8 76.5 76.1 78.4 80.2 80.1 80.6 77.4 68.5 73.7
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5 78.7 75.1 76.9 77.4 80.2 80.3 79.6 80.7 70.0 70.9	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8 81.4 78.2 74.9 77.1 77.8 80.6 80.2 80.4 80.5 69.5 71.2	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 77.9 75.5 76.9 77.4 80.5 80.2 80.2 80.2 76.3	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6 77.7 75.7 76.3 77.8 80.5 80.4 80.6 79.5 67.6 72.3	80.8 81.2 83.4 83.8 83.7 83.8 81.5 81.4 77.1 76.1 76.2 78.4 80.5 80.1 80.6 79.1 66.9 73.6	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8 76.2 77.8 80.8 80.3 80.7 78.9 66.7 74.0	81.1 81.4 83.6 83.2 83.5 83.7 81.9 80.7 76.3 76.5 76.4 78.4 80.5 80.2 80.7 78.6 67.4 74.5	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.6 76.3 78.5 80.4 80.2 80.8 77.2 68.2 74.8	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.8 78.5 78.5 79.9 81.1 73.8 68.8 75.1	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7 79.2 79.3 79.7 80.6 74.5 69.1 74.9	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3 79.4 80.0 79.4 81.0 73.7 69.6 75.2	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2 79.9 80.4 80.1 81.0 71.7 70.0 75.9	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 75.2 77.0 77.5 80.4 80.2 80.1 80.5 69.3 71.3	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 81.4 77.1 76.2 76.2 78.0 80.6 80.3 80.7 79.2 67.1 73.3 76.0	80.5 80.8 81.3 83.7 83.6 84.1 82.5 80.9 80.5 76.0 76.5 76.5 78.5 79.8 80.1 80.9 76.6 68.1 74.8	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1 79.5 79.9 79.7 80.8 73.3 69.6 75.3	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8 76.5 76.1 78.4 80.2 80.1 80.6 77.4 68.5 73.7
2013 Utilization (percent) 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	80.2 79.2 81.5 82.6 84.9 82.3 83.7 84.5 81.8 81.5 78.7 75.1 76.9 77.4 80.2 80.3 79.6 80.7 70.0	79.5 79.7 81.6 82.5 84.6 83.3 84.2 84.2 81.8 81.4 78.2 74.9 77.1 77.8 80.6 80.2 80.4 80.5	78.9 80.2 81.5 83.1 84.3 82.9 84.3 83.8 81.5 76.9 77.4 80.5 80.2 80.2 80.2 80.2 87.9	80.6 81.6 83.2 83.9 83.4 83.8 83.6 81.2 81.6 77.7 75.7 76.3 77.8 80.5	80.8 81.2 83.4 83.8 83.7 83.8 81.5 81.4 77.1 76.1 76.2 78.4 80.5 80.1 80.6 79.1 66.9 73.6	80.6 81.2 83.8 83.8 84.1 83.7 82.8 80.9 81.2 76.6 76.8 76.2 77.8 80.8 80.3 80.7 78.9 66.7	81.1 81.4 83.6 83.2 83.5 83.7 81.9 80.7 76.3 76.5 76.4 78.4 80.5	80.6 81.2 83.8 84.0 83.7 84.2 83.2 81.1 80.3 76.6 76.3 78.5 80.4 80.2 80.8 77.2 68.2 74.8	80.6 81.4 83.7 83.9 83.8 84.5 82.4 80.7 80.6 75.6 76.6 76.6 76.5 78.5 78.5 79.9 81.1 73.8 68.8 75.1	81.0 81.9 84.1 83.4 83.3 84.7 82.6 81.5 80.0 75.2 76.4 76.7 79.3 79.7 80.6 74.5 69.1 74.9	81.2 82.1 84.3 83.3 83.8 84.9 82.1 81.5 79.8 74.7 76.8 77.3 79.4 80.0 79.4 81.0 73.7 69.6 75.2	81.1 82.3 84.9 83.3 84.0 84.7 81.9 79.3 74.6 76.4 77.2 79.9 80.4 80.1 81.0 71.7 70.0 75.9	79.6 79.7 81.5 82.7 84.6 82.8 84.1 84.2 81.7 81.4 78.2 77.0 77.5 80.4 80.2 80.1 80.2 80.1 80.3 71.3	79.7 80.6 81.3 83.5 83.9 83.7 83.8 83.4 81.2 77.1 76.2 78.0 80.6 80.3 80.7 79.2 67.1 73.3	80.5 80.8 81.3 83.7 83.7 83.6 84.1 82.5 80.9 80.5 76.0 76.5 78.5 79.8 80.1 80.9 76.6 68.1 74.8	80.3 81.1 82.1 84.5 83.3 83.7 84.7 82.2 81.6 79.7 74.8 76.5 77.1 79.5 79.9 79.7 80.8 73.3 69.6 75.3	80.6 81.6 83.6 83.9 83.5 84.2 83.1 81.4 80.8 76.5 76.1 78.4 80.2 80.1 80.6 77.4 68.5 73.7

^{1.} Selected high-technology industries are computers, communications equipment, and semiconductors and related electronic components.

2. Quarterly changes are at annual rates. Annual changes are calculated from annual averages.

Table 14
HISTORICAL STATISTICS FOR INDUSTRIAL PRODUCTION, CAPACITY, AND UTILIZATION: Manufacturing Excluding Selected High-Technology Industries Seasonally adjusted

-2.6 2.6 2.5 4.4 2.5 1.5 4.9 3.4 1.4 .7 -4.8 .4 .0 2.0 3.1 1.5 1.8 -5.8 -13.8 5.1 2.8 3.9
2.6 2.5 4.4 2.5 1.5 4.9 3.4 1.4 .7 -4.8 .4 .0 2.0 3.1 1.5 1.8 -5.8 -13.8 5.1
4.4 2.5 1.5 4.9 3.4 1.4 .7 -4.8 .4 .0 2.0 3.1 1.5 1.8 -5.8 -13.8 5.1
2.5 1.5 4.9 3.4 1.4 .7 -4.8 .4 0 2.0 3.1 1.5 1.8 -5.8 5.1 2.8
4.9 3.4 1.4 .7 -4.8 .4 .0 2.0 3.1 1.5 1.8 -5.8 -13.8 5.1
3.4 1.4 .7 -4.8 .4 .0 2.0 3.1 1.5 1.8 -5.8 -13.8 5.1
.7 -4.8 .4 .0 2.0 3.1 1.5 1.8 -5.8 -13.8 5.1 2.8
.4 .0 2.0 3.1 1.5 1.8 -5.8 -13.8 5.1 2.8
.0 2.0 3.1 1.5 1.8 -5.8 -13.8 5.1 2.8
2.0 3.1 1.5 1.8 -5.8 -13.8 5.1 2.8
1.5 1.8 -5.8 -13.8 5.1
1.8 -5.8 -13.8 5.1
-13.8 5.1 2.8
5.1 2.8
3.9
0=0
87.8 91.2
118.9 120.0
78.6
79.5 80.4
82.8
83.0
82.1 83.0
81.8
79.9 78.7
74.1
74.2
74.6 76.6
78.4
78.2
70.7
78.7 74.1
74.1 65.3
74.1 65.3 70.8
74.1 65.3
1 9 0 0 2 4 5 0 1 2 6 7 0 8 4

^{1.} Refer to note on cover page.
2. Selected high-technology industries are computers, communications equipment, and semiconductors and related electronic components.
3. Quarterly changes are at annual rates. Annual changes are calculated from annual averages.

EXPLANATORY NOTE

The Industrial Production and Capacity Utilization statistical release, which is published around the middle of the month, reports measures of output, capacity, and capacity utilization in manufacturing, mining, and the electric and gas utilities industries. More detailed descriptions of industrial production and capacity utilization are available on the Board's website at www.federalreserve.gov/releases/G17. In addition, files containing data shown in the release, more detailed series that were published in the G.17 prior to December 2000, and historical data are available from the Data Download Program on the Board's website. Instructions for searching for and downloading specific series are provided as well.

INDUSTRIAL PRODUCTION

Coverage. The industrial production (IP) index measures the real output of all manufacturing, mining, and electric and gas utility establishments located in the United States, regardless of their ownership, but not those located in U.S. territories; the reference period for the index is 2007. Manufacturing consists of those industries included in the North American Industry Classification System (NAICS) definition of manufacturing plus those industries newspaper, periodical, book, and directory publishing plus logging—that have traditionally been considered to be manufacturing. For the period since 1997, the total IP index has been constructed from 312 individual series based on the 2007 NAICS codes. These individual series are classified in two ways: (1) market groups, and (2) industry groups. Market groups consist of products and materials. Total products are the aggregate of final products, such as consumer goods and equipment, and nonindustrial supplies (which are inputs to nonindustrial sectors). Materials are inputs in the manufacture of products. Major industry groups include three-digit NAICS industries and aggregates of these industries—for example, durable and nondurable manufacturing, mining, and utilities. A complete description of the market and industry structures, including details regarding series classification, relative importance weights, and data sources, is available on the Board's web site (www.federalreserve.gov/releases/G17/About.htm).

Source data. On a monthly basis, the individual indexes of industrial production are constructed from two main types of source data: (1) output measured in physical units and (2) data on inputs to the production process, from which output is inferred. Data on physical products, such as tons of steel or barrels of oil, are obtained from private trade associations and from government agencies; data of this type are used to estimate monthly IP wherever possible and appropriate. Production indexes for a few industries are derived by dividing estimated nominal output (calculated using unit production and unit values or sales) by a corresponding Fisher price index; the most notable of these fall within the high-technology grouping and include computers, communications equipment, and semiconductors. When suitable direct measures of product are not available, estimates of output are based on production-worker hours by industry. Data on hours worked by production workers are collected in the monthly establishment survey conducted by the Bureau of Labor Statistics. The factors used to convert inputs into estimates of production are based on historical relationships between the inputs and the comprehensive annual data used to benchmark the IP indexes; these factors also may be influenced by technological or cyclical developments. The annual data used in benchmarking the individual IP indexes are constructed from a variety of source data, such as the quinquennial Censuses of Manufactures and Mineral Industries and the Annual Survey of Manufactures, prepared by the Bureau of the Census; the *Minerals Yearbook*, prepared by the United States Geological Survey of the Department of the Interior; and publications of the Department of Energy.

Aggregation Methodology and Weights. The aggregation method for the IP index is a version of the Fisher-ideal index formula. (For a detailed discussion of the aggregation method, see the *Federal Reserve Bulletins* of February 1997 and March 2001.) In the IP index, series that measure the output of an individual industry are combined using weights derived from their proportion in the total value-added output of all industries. The IP index, which extends back to 1919, is built as a chain-type index since 1972. The current formula for the growth in monthly IP (or any of the sub-aggregates) since 1972 is

shown below. An output index for month m is denoted by I_m^A for aggregate A and I_m for each of its components. The monthly price measure in the formula (p_m) is interpolated from an annual series of value added divided by the average annual IP index.

$$\frac{I_{m}^{A}}{I_{m-1}^{A}} = \sqrt{\frac{\sum I_{m}p_{m-1}}{\sum I_{m-1}p_{m-1}}} \times \frac{\sum I_{m}p_{m}}{\sum I_{m-1}p_{m}}$$

The IP proportions (typically shown in the first column of the relevant tables in the G.17 release) are estimates of the industries' relative contributions to overall growth in the following year. For example, the relative importance weight of the motor vehicles and parts industry is about 4 percent. If output in this industry increased 10 percent in a month, then this gain would boost growth in total IP by 4/10 percentage point $(0.04 \times 10\% = 0.4\%)$. To assist users with calculations, the Federal Reserve's web site provides supplemental monthly statistics that represent the exact proportionate contribution of a monthly change in a component index to the monthly change in the total index (www.federalreserve.gov/releases/G17/ipdisk/ipweightssa.txt).

Timing. The first estimate of output for a month is published around the 15th of the following month. The estimate is preliminary (denoted by the superscript "p" in tables) and subject to revision in each of the subsequent five months as new source data become available. (Revised estimates are denoted by the superscript "r" in tables.) For the first estimate of output for a given month, about 67 percent of the source data (in value-added terms) are available; the fraction of available source data increases to 81 percent for estimates in the second month that the estimate is published, 93 percent in the third month, 96 percent in the fourth month, 99 percent in the fifth month, and 99 percent in the sixth month. Data availability by data type in early 2011 is summarized in the table below:

Availability of Monthly IP Data in Publication Window (Percent of value added in 2011)

	Month of estimate								
Type of data	1st	2nd	3rd	4th	5th	6th			
Physical product	27	41	53	55	58	58			
Production-worker hours	41	41	41	41	41	41			
IP data received	67	81	93	96	99	99			
IP data estimated	33	19	7	4	1	1			

The physical product group includes series based on either monthly or quarterly data. As can be seen in the first row of the table, in the first month, a physical product indicator is available for about half of the series (in terms of value added) that ultimately are based on physical product data (27 percent out of a total of 58 percent). Of the 27 percent, about two-thirds (19 percent of total IP) include series that are derived from weekly physical product data and for which actual monthly data may lag up to several months. On average, quarterly product data are received for the fourth estimate of industrial production. Specifically, quarterly data are available for the third estimate of the last month of a quarter, the fourth estimate of the second month of a quarter, and the fifth estimate of the first month of a quarter.

Seasonal adjustment. Individual series are seasonally adjusted using Census X-12 ARIMA. For series based on production-worker hours, the current seasonal factors were estimated with data through January 2012; for other series, the factors were estimated with data through at least December 2011. Series are pre-adjusted for the effects of holidays or business cycles when appropriate. For the data since 1972, all seasonally adjusted aggregate indexes are calculated by aggregating the seasonally adjusted indexes of the individual series.

Reliability. The average revision to the *level* of the total IP index, without regard to sign, between the first and the fourth estimates was

0.27 percent during the 1987–2010 period. The average revision to the percent change in total IP, without regard to sign, from the first to the fourth estimates was 0.21 percentage point during the 1987–2010 period. In most cases (about 85 percent), the direction of the change in output indicated by the first estimate for a given month is the same as that shown by the fourth estimate.

Rounding. The published percent changes are calculated from unrounded indexes, and may not be the same as percent changes calculated from the rounded indexes shown in the release.

CAPACITY UTILIZATION

Overview. The Federal Reserve Board constructs estimates of capacity and capacity utilization for industries in manufacturing, mining, and electric and gas utilities. For a given industry, the capacity utilization rate is equal to an output index (seasonally adjusted) divided by a capacity index. The Federal Reserve Board's capacity indexes attempt to capture the concept of sustainable maximum output—the greatest level of output a plant can maintain within the framework of a realistic work schedule, after factoring in normal downtime and assuming sufficient availability of inputs to operate the capital in place.

Coverage. The capacity indexes cover all facilities located in the United States, regardless of their ownership, but not those located in U.S. territories. Capacity indexes are constructed for 89 detailed industries (71 in manufacturing, 16 in mining, and 2 in utilities), which mostly correspond to industries at the three- and four-digit NAICS level. Estimates of capacity and utilization are available for a variety of groups, including durable and nondurable manufacturing, total manufacturing, mining, utilities, and total industry. Manufacturing consists of those industries included in the North American Industry Classification System (NAICS) definition of manufacturing plus those industries—newspaper, periodical, book, and directory publishing plus logging—that have traditionally been considered to be manufacturing. Also, special aggregates are available, such as high-technology industries and manufacturing excluding high-technology industries.

Source Data. The monthly rates of capacity utilization are designed to be consistent with both the monthly data on production and the periodically available data on capacity and utilization. Because there is no direct monthly information on overall industrial capacity or utilization rates, the Federal Reserve first estimates annual capacity indexes from the source data. Capacity data reported in physical units from government sources (primarily from the U.S. Geological Survey and the Department of Energy's Energy Information Administration) and trade sources are available for portions of several industries in manufacturing (e.g., paper, industrial chemicals, petroleum refining, motor vehicles), as well as for electric utilities and mining; these industries represent about 25 percent of total industrial capacity. When physical product data are unavailable for manufacturing industries, capacity indexes are based on responses to the Bureau of the Census's Quarterly Survey of Plant Capacity (QSPC); these industries account for a bit less than 70 percent of total industry capacity. In the absence of utilization data for a few mining and petroleum series, capacity is based on trends through peaks in production (roughly 5 percent of total industry capacity). A detailed description of the methodology used to construct the capacity indexes is available on the Board's web site (www.federalreserve.gov/releases/G17/CapNotes.htm).

Aggregation Methodology. Monthly capacity aggregates are calculated in three steps: (1) utilization aggregates are calculated on an annual basis through the most recent full year as capacity-weighted aggregates of individual utilization rates; (2) the annual aggregate capacity is derived from the corresponding production and utilization aggregates; (3) the monthly capacity aggregate is obtained by interpolating the annual capacity aggregate with a Fisher index of its constituent monthly capacity series. Utilization rates for the individual series and aggregates are calculated by dividing the pertinent monthly production index by the related capacity index.

Consistency. A major aim is that the Federal Reserve utilization rates be consistent over time so that, for example, a rate of 85 percent means about the same degree of tightness that it meant in the past. A

major task for the Federal Reserve in developing reasonable and consistent time series of capacity and utilization is dealing with inconsistencies between the movements of the industrial production index and the survey-based utilization rates. The McGraw-Hill/DRI Survey, now discontinued, was the primary source of manufacturing utilization rates for many years. This was a survey of large companies that reported, on average, higher utilization rates than those reported by establishments covered by the Census Bureau's annual Survey of Plant Capacity (the predecessor to the QSPC) for the fourteen years they overlapped. Adjustments have been made to keep the industry utilization rates currently reported by the Federal Reserve roughly in line with rates formerly reported by McGraw-Hill. As a consequence, the rates reported by the Federal Reserve tend to be higher than the rates reported in the QSPC.

Perspective. Over the 1972–2011 period, the average total industry utilization rate is 80.3 percent; for manufacturing, the average factory operating rate has been 78.8 percent. Industrial plants usually operate at capacity utilization rates that are well below 100 percent: none of the broad aggregates has ever reached 100 percent. For total industry and total manufacturing, utilization rates have exceeded 90 percent only in wartime. The highs and lows in capacity utilization are specific to each series and do not all occur in the same month.

REFERENCES AND RELEASE DATES

References. The release for the annual revision that was published on March 30, 2012 is available on the Board's website (www.federal reserve.gov/releases/g17/revisions/Current/DefaultRev.htm). A summary of the annual revision that incorporated back to 1972 production and capacity indexes reclassified according to the North American Industry Classification System is available in an article in the Federal Reserve Bulletin, vol. 89 (April 2003), pp. 151-176. A description of the aggregation methods for industrial production and capacity utilization is included in an article in the Federal Reserve Bulletin, vol. 83 (February 1997), pp. 67–92. The Federal Reserve methodology for constructing industry-level measures of capital is detailed in "Capital Stock Estimates for Manufacturing Industries: Methods and Data" by Mike Mohr and Charles Gilbert (1996), which can be obtained at: www.federalreserve.gov/releases/g17/CapitalStockDocLatest.pdf.

Industrial Production—1986 Edition contains a more detailed description of the other methods used to compile the industrial production index, plus a history of its development, a glossary of terms, and a bibliography. The major revisions to the IP indexes and capacity utilization since 1990 have been described in the Federal Reserve Bulletin (April 1990, June 1990, June 1993, March 1994, January 1995, January 1996, February 1997, February 1998, January 1999, March 2000, March 2001, March 2002, April 2003, Winter 2004, Winter 2005, March 2006, May 2007, August 2008, August 2009) or in an on-line staff study (www.federalreserve.gov/releases/g17/articles/rev2010/industrial10.pdf).

Release Schedule

At 9:15 a.m. on

2013: January 16, February 15, March 15, April 16, May 15, June 14, July 16, August 15, September 16, October 17, November 15, and December 16.