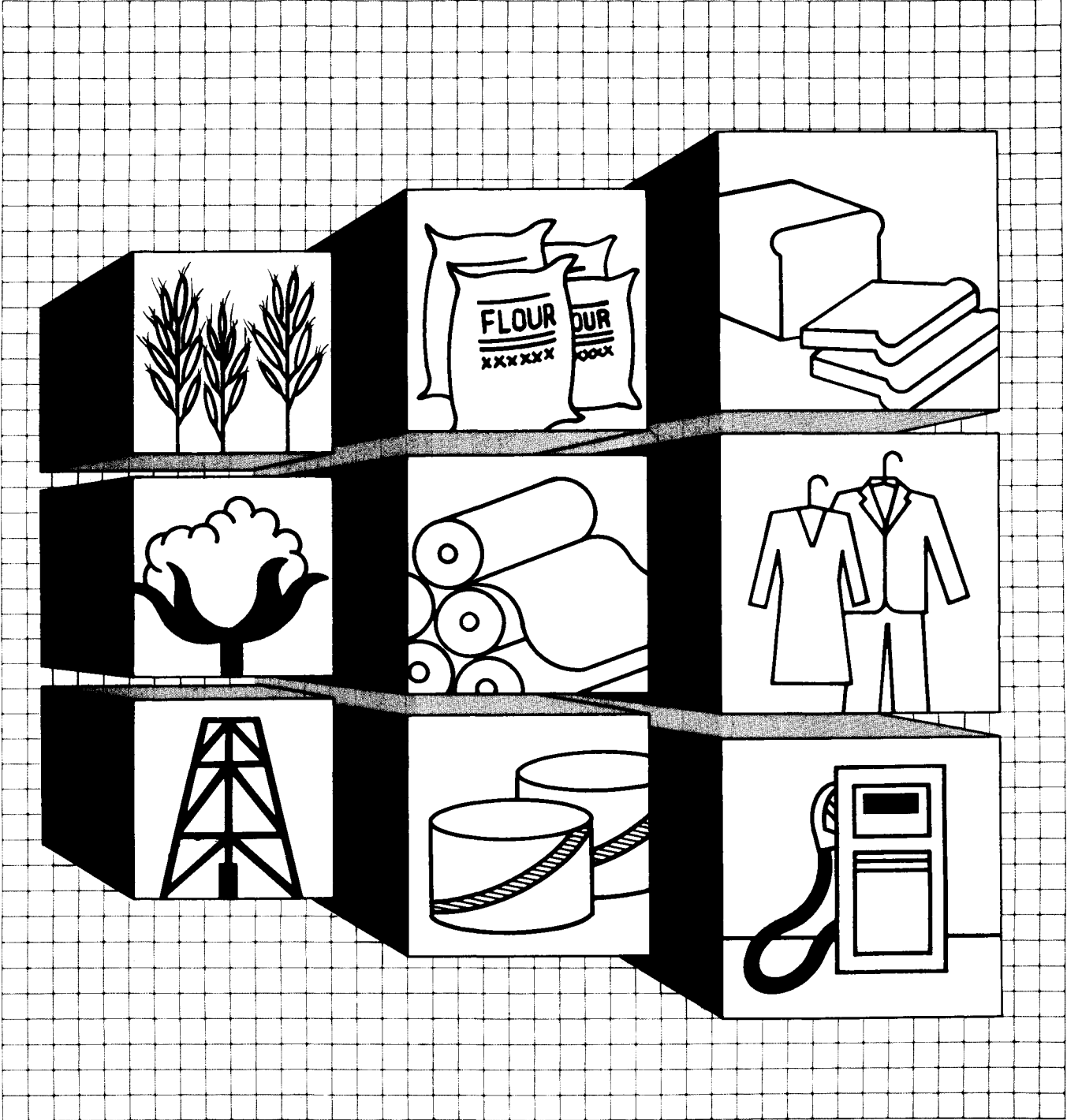


# Producer Price Indexes Data for May 1989



U.S. Department of Labor  
Bureau of Labor Statistics





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June 1989

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<b>Scheduled Release Dates</b>			
Producer Price Index data are scheduled for initial release on the following dates:			
<i>Index month</i>	<i>Release date</i>	<i>Index month</i>	<i>Release date</i>
June	July 14	September	October 13
July	August 11	October	November 9
August	September 15	November	December 15

# Price Movements

## May 1989

The Producer Price Index for Finished Goods moved up 0.9 percent seasonally adjusted from April to May. This increase followed rises of 0.4 percent in both March and April and advances of about 1 percent in January and February. Prices for intermediate goods edged up 0.1 percent, considerably less than in other recent months. Crude material prices rose 0.9 percent, more than in April but much less than in March. (See table A.)

Most of the acceleration in the Finished Goods Price Index in May was due to cars and fresh vegetables. A rebound in motor vehicle prices after a considerable drop in the preceding month was largely responsible for the upturn in the index for finished goods other than foods and energy. A substantial boost in prices for some fresh vegetables led to the upturn in the consumer foods index after an April decrease. The energy goods index continued to climb rapidly, although the increase was not as sharp as in April.

Before seasonal adjustment, the Producer Price Index for Finished Goods moved up 1.1 percent in May to 114.2 (1982=100).

From May 1988 to May 1989, the Finished Goods Price Index increased 6.2 percent, the Intermediate Goods Price Index rose 6.0 percent, and the Crude Goods Price Index

advanced 9.4 percent. Prices for finished consumer foods were up 7.1 percent over the year, and indexes for food-related prices at earlier stages of processing were nearly 10 percent higher than a year earlier. The index for finished energy goods climbed 16.9 percent during the last 12 months, while indexes for intermediate and crude energy goods each rose about 10 percent. Excluding the volatile food and energy sectors, prices for finished goods increased 4.4 percent over the year, intermediate goods moved up 5.6 percent, and crude materials rose 6.5 percent.

### Finished goods

*Finished consumer goods.* The Producer Price Index for finished consumer goods advanced 1.1 percent, seasonally adjusted, in May following a 0.6-percent rise a month earlier. The foods index turned up 0.8 percent after falling 0.6 percent in April. After falling 7.5 percent in the previous month, the index for fresh vegetables surged 26.4 percent in May as tomato and celery prices doubled and cabbage prices advanced more than one-third. Prices also rose after declining a month earlier for eggs, processed fruits and vegetables, and dairy products. Price increases accelerated

**Table A. Monthly and annual percent changes in selected stage-of-processing price indexes, seasonally adjusted <sup>1</sup>**

Month	Finished goods					Intermediate goods	Crude goods
	Total	Foods	Energy	Except foods and energy	Change in finished goods from 12 months ago (unadjusted)		
1988:							
May	0.3	0.5	-0.7	0.3	2.0	0.6	0.4
June	.2	.8	-2.6	.3	2.1	.8	.9
July	.6	.7	1.2	.4	2.5	.7	-3
August	.3	.6	-1.0	.4	2.6	.3	.6
September	.6	.9	-8	.6	2.7	.4	-1
October	.1	.1	0	.1	3.0	0	-5
November	.3	.3	.8	.2	3.3	.4	-1.9
December	.4	.1	-5	.6	4.0	.5	3.2
1989:							
January	1.1	1.3	4.9	.5	4.5	1.2	4.1
February	.9	1.0	2.6	.5	5.3	.4	-5
March	.4	.8	.9	.3	5.6	.7	2.3
April	.4	-6	7.2	-1	5.6	.4	.6
May	.9	.8	3.3	.5	6.2	.1	.9

<sup>1</sup> Data for January 1989 have been revised to reflect the availability of late reports and corrections by respondents. For this reason, some of the figures

shown above and elsewhere in this periodical may differ from those previously reported.

**Table B. Monthly and annual percent changes in selected prices for intermediate goods and crude goods, seasonally adjusted <sup>1</sup>**

Month	Intermediate goods				Crude goods			
	Foods	Energy	Except foods and energy	Change in intermediate goods from 12 months ago (unadjusted)	Foods	Energy (unadjusted)	Except foods and energy	Change in crude goods from 12 months ago (unadjusted)
<b>1988:</b>								
May .....	-0.3	0.6	0.6	5.4	0.6	1.1	-1.3	2.5
June .....	6.2	1.5	.4	5.8	4.0	-2.0	.2	2.9
July .....	4.7	-1.0	.7	6.0	2.1	-3.9	1.8	1.4
August .....	-9	-6	.5	5.8	2.4	-1.8	.8	.4
September .....	.3	-.4	.5	5.8	2.0	-2.1	-.5	1.0
October .....	-.2	-2.8	.4	5.3	.3	.2	.2	.6
November .....	-1.7	-1.0	.7	5.3	-4.1	-6	1.6	-.2
December .....	-.8	1.2	.5	5.6	1.8	5.9	1.2	3.1
<b>1989:</b>								
January .....	2.6	3.7	.8	6.1	2.3	6.9	2.5	8.2
February .....	-.5	1.3	.3	6.3	-1.4	1.1	-1.8	6.7
March .....	1.8	2.3	.4	6.6	3.0	1.7	2.0	9.6
April .....	-1.3	3.8	0	6.3	-2.8	5.2	-1.1	8.9
May .....	-1.4	.8	.2	6.0	.4	2.2	-.4	9.4

<sup>1</sup> Data for January 1989 have been revised to reflect the availability of late reports and corrections by respondents. For this reason, some of the figures

shown above and elsewhere in this periodical may differ from those previously reported.

for processed chickens, pasta, and milled rice, while fish price decreases slowed. Prices continued to rise for bakery products. In contrast, prices fell more than in April for pork and for beef and veal. In addition, indexes for soft drinks, confectionery end products, and processed turkeys turned down after rising in the previous month.

The index for finished energy goods rose 3.3 percent in May following a sharper rise (7.2 percent) a month earlier. Gasoline prices, which had jumped 13.4 percent in April, advanced 5.2 percent; home heating oil prices turned down 7.7 percent in May following a small increase in the previous month. The index for natural gas, however, rose more than in April.

The index for consumer goods other than foods and energy increased 0.5 percent after inching down 0.1 percent in April. The upturn was largely due to advances in the price indexes for passenger cars and light trucks, both of which reversed April declines. Prices also moved up after falling in the previous month for children's apparel and tires and tubes. Price increases accelerated for sanitary papers, alcoholic beverages, mobile homes, footwear, and household glassware. In contrast, prices turned down slightly after rising a month earlier for prescription drugs, gold jewelry, and home electronic equipment, and price increases slowed for newspapers.

*Capital equipment.* The Producer Price Index for capital equipment increased 0.4 percent in May after edging down 0.1 percent a month earlier. As with consumer goods, much of the upturn was due to the rebound in the indexes for passenger cars and light trucks. Prices also turned up after falling a month earlier for commercial furniture and office and store machines; prices for ships were unchanged after

a sharp April decline. Price increases accelerated for industrial material handling equipment, transformers, paper industries machinery, and textile machinery. In contrast, prices for railroad equipment, metal forming machine tools, civilian aircraft, photographic equipment, and mining machinery showed little or no change following substantial advances in the previous month.

### Intermediate goods

The Producer Price Index for Intermediate Goods inched up 0.1 percent in May, after rising 0.4 percent a month earlier. The index for energy goods rose much less than in other recent months, prices for foods and feeds continued to fall, and prices for other kinds of intermediate goods rose 0.2 percent following no change in the preceding month. (See table B.)

After climbing an average of 2.4 percent per month during the preceding 5 months, the index for intermediate energy goods moderated to a 0.8-percent rise in May. Diesel fuel and kerosene prices both dropped more than 7 percent after increasing sharply over the preceding 6 months. Residual fuel prices, which had surged about 10 percent in April, slowed to a 1.8-percent increase. Indexes for gasoline and jet fuels also moved up much less than the month before, and electric power showed no change. The index for liquefied petroleum gas, however, advanced more than in either March or April.

Prices for intermediate foods and feeds fell 1.4 percent, the third decline in the last 4 months. Prices for animal feeds, meats, and crude vegetable oils continued to drop, and confectionery materials turned down after an April increase. In contrast, flour prices turned up following a decrease in the previous month, and refined sugar advanced after

showing no change in April.

Prices for durable manufacturing materials declined 0.7 percent in May following a 1.3-percent drop in the previous month. As in April, lower prices for a broad range of nonferrous metals paced the downward movement. The primary copper index fell 11.1 percent, and precious metals, zinc, nonferrous mill shapes, stainless steel, and hardwood lumber also contributed to the decrease.

The index for nondurable manufacturing materials moved up 0.2 percent over the month, about the same as in March and April. Increases for industrial chemicals, paint materials, woodpulp, finished fabrics, and phosphates were largely balanced by declines for plastic resins, nitrogenates, and leather.

The construction materials price index rose 0.5 percent over the month, roughly as much as in most other recent months. The May advance was principally due to softwood lumber, plywood, fabricated structural metal products, nonferrous wire and cable, and metal valves. Among other industrial goods, higher prices were recorded for paper boxes and containers, machine shop products, and nuts and bolts.

### **Crude goods**

The Producer Price index for Crude Materials for Further Processing increased 0.9 percent in May, seasonally adjusted, after rising 0.6 percent in April and following a 2.3-percent jump in March. Prices for energy and foodstuff items advanced, while basic industrial materials decreased. (See table B.)

The crude energy materials index rose 2.2 percent after moving up 5.2 percent in April. Price advances for crude petroleum slowed markedly from 9.3 to 2.0 percent, but the index for natural gas increased faster than in April. Coal prices showed a substantial increase for the second consecutive month.

The index for crude foodstuffs and feedstuffs rose 0.4 percent after falling 2.8 percent in April. Prices for a wide variety of items turned up following declines in the preceding month. Specifically, upturns were registered for hogs, soybeans, fresh vegetables, live chickens, wheat, fluid milk, and fresh fruits. Price decreases slowed for corn. In contrast,

cattle prices fell faster than in April, live turkey prices turned down, and price advances slowed for hay.

The index for crude nonfood materials other than energy dropped 0.4 percent after falling 1.1 percent in April. Following considerable decreases in the preceding month, prices for aluminum base scrap, uranium ores, and lead and zinc ores either fell less rapidly or showed no change. The ferrous scrap index turned up, and construction sand and gravel climbed much more than in any other recent month. Softwood log prices continued to show increases. In contrast, price advances slowed for raw cotton and leaf tobacco. Prices for wastepaper, copper base scrap, and gold ores fell following April advances. Cattle hide prices fell faster than in the preceding month.

### **Net output price indexes for mining and manufacturing industries**

The Producer Price Index for the net output of the domestic manufacturing sector moved up 0.5 percent from April to May. (Net output price indexes are not seasonally adjusted.) This was somewhat smaller than April's increase of 0.8 percent and was about the same as the increases in February and March. The advance in the index for the net output of the petroleum refining industry group slowed from 11.4 percent in April to 3.7 percent in May. The lumber and wood products industry group index climbed 1.0 percent, about as much as in each of the preceding 4 months. Most other major industry groups moved up moderately in May. However, the chemicals industry group decreased for the first time since December 1986, and the index for primary metal industries dropped for the third time in the last 4 months. From May 1988 to May 1989, the index for the net output of manufacturing industries rose 5.9 percent.

The index for the net output of mining industries advanced 2.3 percent over the month and 8.8 percent over the year. This index had climbed 2.9 percent in April. The oil and gas extraction industry group index slowed from a 4.1-percent rise in April to a 2.9-percent increase in May. The metal mining industry group index fell 3.4 percent over the month, the third consecutive drop of more than 3 percent.

**Table 1. Producer price indexes and percent changes by stage of processing**

(1982=100)

Grouping	Relative importance Dec. 1988 <sup>1</sup>	Unadjusted index			Unadjusted percent change to May 1989 from :		Seasonally adjusted percent change from:		
		Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989	Feb. to Mar.	Mar. to Apr.	Apr. to May
Finished goods .....	100.000	111.1	113.0	114.2	6.2	1.1	0.4	0.4	0.9
Finished consumer goods .....	74.224	109.4	111.8	113.3	7.2	1.3	.5	.6	1.1
Finished consumer foods .....	25.831	116.7	117.8	119.1	7.1	1.1	.8	-.6	.8
Crude .....	1.826	119.6	120.1	130.5	29.5	8.7	1.9	-8.4	12.0
Processed .....	24.006	116.4	117.6	118.3	5.6	.6	.8	0	0
Finished consumer goods, excluding foods .....	48.393	105.8	108.9	110.4	7.2	1.4	.5	1.3	1.1
Nondurable goods less foods .....	32.791	100.0	104.3	106.1	8.9	1.7	.5	2.3	1.2
Durable goods .....	15.602	116.6	116.4	117.1	3.5	.6	.5	-.8	.8
Capital equipment .....	25.776	117.1	117.6	117.9	3.6	.3	.2	-.1	.4
Manufacturing industries .....	6.793	118.4	119.4	119.8	4.2	.3	.2	.1	.4
Nonmanufacturing industries .....	18.983	116.6	116.9	117.3	3.5	.3	.3	-.2	.4
Intermediate materials, supplies and components .....	100.000	110.6	112.3	112.7	6.0	.4	.7	.4	.1
Materials and components for manufacturing .....	50.950	118.0	118.9	118.9	5.9	0	.6	-.2	0
Materials for food manufacturing .....	3.352	110.4	111.5	112.4	8.1	.8	1.7	-.2	-.4
Materials for nondurable manufacturing .....	16.295	119.2	120.6	120.5	7.9	-.1	.2	.3	.2
Materials for durable manufacturing .....	12.121	125.5	125.7	124.9	6.1	-.6	1.1	-1.3	-.7
Components for manufacturing <sup>3</sup> .....	19.182	114.9	115.8	116.1	3.8	.3	.3	.2	.3
Materials and components for construction .....	12.651	119.4	121.0	121.5	5.3	.4	.3	.4	.5
Processed fuels and lubricants .....	11.208	71.6	76.7	78.1	9.2	1.8	2.5	3.7	.8
Manufacturing industries .....	4.361	73.5	78.2	79.7	8.7	1.9	1.9	3.3	.9
Nonmanufacturing industries .....	6.846	70.4	75.8	77.1	9.5	1.7	2.8	4.1	.6
Containers .....	4.180	123.1	125.0	125.5	5.0	.4	.1	.4	.5
Supplies .....	21.011	117.2	117.9	118.0	5.1	.1	.5	-.1	-.1
Manufacturing industries <sup>3</sup> .....	7.565	118.0	119.5	119.8	4.9	.3	.5	.3	.3
Nonmanufacturing industries .....	13.445	116.9	117.1	117.2	5.2	.1	.3	-.3	0
Feeds .....	1.879	124.0	117.4	116.1	10.9	-1.1	2.1	-3.5	-3.2
Other supplies <sup>3</sup> .....	11.566	115.6	116.9	117.2	4.5	.3	.3	.3	.3
Crude materials for further processing .....	100.000	101.4	104.1	106.3	9.4	2.1	2.3	.6	.9
Foodstuffs and feedstuffs .....	43.698	112.5	111.4	115.0	9.8	3.2	3.0	-2.8	.4
Nonfood materials .....	56.302	90.0	94.9	96.2	9.1	1.4	1.7	3.3	1.3
Nonfood materials except fuel <sup>4</sup> .....	39.758	90.9	98.2	99.0	10.2	.8	5.9	3.8	1.0
Manufacturing <sup>7</sup> .....	36.687	86.4	93.7	94.5	10.7	.9	4.2	4.1	.7
Construction .....	3.071	128.9	132.7	134.9	5.9	1.7	.9	1.5	2.0
Crude fuel <sup>5</sup> .....	16.544	85.6	84.7	86.9	5.7	2.6	-3.8	1.3	2.6
Manufacturing industries <sup>3</sup> .....	8.396	84.3	83.3	85.8	7.1	3.0	-4.4	1.5	3.0
Nonmanufacturing industries <sup>3</sup> .....	8.147	87.2	86.3	88.3	4.4	2.3	-3.0	.9	2.3
<b>Special groupings</b>									
Finished goods, excluding foods .....	<sup>6</sup> 74.169	109.2	111.4	112.6	6.0	1.1	.5	.7	.9
Intermediate materials less foods and feeds .....	<sup>7</sup> 94.769	110.4	112.3	112.6	5.8	.3	.6	.4	.3
Intermediate foods and feeds .....	<sup>7</sup> 5.231	115.6	114.0	114.2	9.0	.2	1.8	-1.3	-1.4
Crude materials less agricultural products <sup>4</sup> .....	<sup>9</sup> 54.423	89.6	94.5	95.7	9.0	1.3	1.7	3.2	1.3
Finished energy goods .....	<sup>6</sup> 8.805	60.8	68.3	72.0	16.9	5.4	.9	7.2	3.3
Finished goods less energy .....	<sup>6</sup> 91.195	119.2	120.1	120.8	5.2	.6	.5	-.2	.6
Finished consumer goods less energy .....	<sup>6</sup> 65.419	120.0	121.0	121.8	5.7	.7	.6	-.3	.7
Finished goods less foods and energy .....	<sup>6</sup> 65.364	120.1	120.9	121.3	4.4	.3	.3	-.1	.5
Finished consumer goods less foods and energy .....	<sup>6</sup> 39.588	121.9	122.8	123.3	4.8	.4	.4	-.1	.5
Consumer nondurable goods less foods and energy .....	<sup>6</sup> 23.986	125.9	127.5	127.9	5.8	.3	.3	.3	.5
Intermediate energy goods .....	<sup>7</sup> 11.310	71.2	76.3	77.7	9.1	1.8	2.3	3.8	.8
Intermediate materials less energy .....	<sup>7</sup> 88.690	118.9	119.9	120.0	5.6	.1	.5	0	0
Intermediate materials less foods and energy .....	<sup>7</sup> 83.459	119.6	120.7	120.8	5.6	.1	.4	0	.2
Crude energy materials <sup>3</sup> .....	<sup>9</sup> 36.811	71.2	77.0	78.7	10.2	2.2	1.7	5.2	2.2
Crude materials less energy .....	<sup>9</sup> 63.189	119.3	118.5	121.0	8.9	2.1	2.7	-2.3	.2
Crude nonfood materials less energy <sup>5</sup> .....	<sup>9</sup> 19.491	140.3	140.3	139.8	6.5	-.4	2.0	-1.1	-.4

<sup>1</sup> Relative importance data have been updated to reflect revised indexes for December 1988.

<sup>2</sup> Data for January 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication.

<sup>3</sup> Not seasonally adjusted.

<sup>4</sup> Includes crude petroleum.

<sup>5</sup> Excludes crude petroleum.

<sup>6</sup> Percent of total finished goods.

<sup>7</sup> Percent of total intermediate materials.

<sup>8</sup> Formerly titled "Crude materials for further processing, excluding crude foodstuffs and feedstuffs, plant and animal fibers, oilseeds, and leaf tobacco."

<sup>9</sup> Percent of total crude materials.

**Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing**

(1982=100 unless otherwise indicated)

Grouping	Commodity code	Unadjusted index			Unadjusted percent change to May 1989 from:		Seasonally adjusted percent change from:		
		Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989	Feb. to Mar.	Mar. to Apr.	Apr. to May
<b>Finished goods</b>		111.1	113.0	114.2	6.2	1.1	0.4	0.4	0.9
<b>Finished consumer goods</b>		109.4	111.8	113.3	7.2	1.3	.5	.6	1.1
<b>Finished consumer foods</b>		116.7	117.8	119.1	7.1	1.1	.8	-.6	.8
Fresh fruits	01-11	110.9	104.5	109.4	-3.7	4.7	-.4	-2.7	.5
Fresh and dried vegetables	01-13	109.2	119.3	142.9	54.8	19.8	-11.6	-7.5	26.4
Eggs	01-7	127.3	110.8	107.0	51.1	-3.4	38.8	-15.9	5.9
Bakery products	02-11	132.0	133.7	134.4	8.0	.5	.1	.6	.5
Milled rice	02-13	103.7	103.1	107.7	-13.7	4.5	-.6	3.0	7.1
Pasta products (June 1985=100) <sup>2</sup>	02-14-02	111.0	113.3	122.7	14.4	8.3	-4.9	.6	8.3
Beef and veal	02-21-01	107.4	112.2	111.7	8.7	-.4	1.8	-.2	-1.8
Pork	02-21-04	95.4	88.5	90.0	-10.4	1.7	2.2	-3.6	-5.4
Processed young chickens	02-22-03	117.9	125.8	136.5	25.6	8.5	9.4	.9	5.6
Processed turkeys <sup>2</sup>	02-22-06	99.4	117.5	116.8	39.9	-.6	7.8	4.1	-.6
Fish	02-23	151.6	158.3	157.5	4.4	-.5	0	-1.3	-.8
Dairy products	02-3	107.1	105.5	105.7	5.6	.2	-.3	-.6	.4
Processed fruits and vegetables <sup>2</sup>	02-4	119.0	119.1	119.9	7.3	.7	.3	-.3	.7
Confectionery end products	02-55	136.1	137.9	137.1	2.2	-.6	-.4	1.0	-.8
Soft drinks <sup>2</sup>	02-62	116.3	118.4	118.0	3.3	-.3	.8	.6	-.3
Roasted coffee	02-63-01	114.4	119.1	119.0	3.7	-.1	.9	-.5	.3
Shortening and cooking oils	02-76	117.2	117.9	119.3	2.8	1.2	2.4	-.4	-.2
<b>Finished consumer goods excluding foods</b>		105.8	108.9	110.4	7.2	1.4	.5	1.3	1.1
Alcoholic beverages <sup>2</sup>	02-61	112.2	115.5	116.5	4.4	.9	.9	.4	.9
Women's apparel	03-81-01	113.2	113.5	113.6	2.9	.1	-.8	.4	.2
Men's and boys' apparel	03-81-02	115.0	115.7	115.8	3.2	.1	.3	.1	.2
Girls', children's, and infants' apparel	03-81-03	110.7	109.6	110.1	2.8	.5	-.1	-1.2	1.2
Textile housefurnishings <sup>2</sup>	03-82	105.1	105.8	105.9	1.4	.1	.5	.2	.1
Footwear	04-3	118.1	119.4	119.8	4.9	.3	.2	.2	.6
Natural gas <sup>2</sup>	05-31	82.6	81.6	84.4	9.0	3.4	-5.4	1.9	3.4
Gasoline	05-71	55.4	70.6	76.9	29.0	8.9	3.5	13.4	5.2
Fuel oil No. 2	05-73-02-01	56.2	60.0	56.8	4.2	-5.3	16.8	.6	-7.7
Pharmaceutical preps, ethical (Prescription)	06-35	177.4	182.2	182.5	8.5	.2	-.2	.6	-.1
Pharmaceutical preps,proprietary (Over-counter)	06-36	149.3	151.6	151.8	5.3	.1	.6	.3	.1
Soaps and synthetic detergents <sup>2</sup>	06-71	119.7	120.2	120.2	6.1	0	-.1	.4	0
Cosmetics and other toilet preparations	06-75	117.6	120.1	119.3	2.9	-.7	2.1	-.5	-.3
Tires, tubes, tread, etc.	07-12	95.9	97.1	98.0	4.8	.9	.6	-.2	1.1
Sanitary papers and health products	09-15-01	117.9	122.5	125.4	9.8	2.4	.7	.3	2.4
Newspaper circulation	09-31-01	135.2	136.3	136.3	2.2	0	-.4	1.0	.2
Periodical circulation	09-32-01	141.7	142.3	142.0	4.6	-.2	-.1	-.3	0
Book publishing <sup>2</sup>	09-33	140.8	143.3	143.1	6.6	-.1	.8	.2	-.1
Household furniture	12-1	119.6	121.2	121.5	3.7	.2	.6	.3	.1
Floor coverings	12-3	117.5	116.0	116.7	2.4	.6	.9	.1	.5
Household appliances	12-4	107.0	107.7	108.1	1.7	.4	-.1	.1	.2
Home electronic equipment	12-5	88.0	88.3	88.2	1.1	-.1	0	.6	-.1
Household glassware	12-62	129.5	130.3	131.5	2.9	.9	.1	.2	1.2
Household flatware	12-64	117.9	124.1	126.4	8.6	1.9	1.9	-.2	-.4
Lawn and garden equip., ex. tractors	12-66	117.8	118.2	118.3	4.6	.1	.2	.1	.2
Passenger cars	14-11-01	116.1	113.2	114.7	2.6	1.3	.8	-.2.8	1.8
Toys, games, and children's vehicles	15-11	113.5	115.6	115.6	4.6	0	.5	.4	.2
Sporting and athletic goods	15-12	107.8	109.1	109.6	3.7	.5	.6	.1	.4
Tobacco products	15-2	187.2	187.4	187.4	12.4	0	.5	.7	.7
Mobile homes <sup>2</sup>	15-5	111.6	112.5	113.9	4.6	1.2	.3	.1	1.2
Jewelry, platinum, & karat gold <sup>2</sup>	15-94-02	117.4	117.6	117.3	.8	-.3	0	1.5	-.3
Costume jewelry and novelties <sup>2</sup>	15-94-04	120.6	122.0	122.3	5.6	.2	.4	0	.2
<b>Capital equipment</b>		117.1	117.6	117.9	3.6	.3	.2	-.1	.4
Agricultural machinery and equipment	11-1	114.2	116.1	116.7	3.7	.5	-.1	.3	.4
Construction machinery and equipment	11-2	115.1	116.0	116.2	4.6	.2	.4	.3	.2
Metal cutting machine tools	11-37	121.4	122.6	122.6	5.1	0	.4	.1	0
Metal forming machine tools	11-38	115.1	117.7	117.7	4.1	0	.5	1.0	0
Tools, dies, jigs, fixtures, and ind. molds <sup>2</sup>	11-39	112.5	112.9	113.4	2.9	.4	0	.2	.4
Pumps, compressors, and equipment	11-41	112.7	114.2	114.6	6.2	.4	.3	.5	.5
Industrial material handling equipment <sup>2</sup>	11-44	109.5	110.5	111.3	3.9	.7	.2	.3	.7
Textile machinery	11-62	121.4	122.8	124.2	4.5	1.1	.5	.6	1.1
Paper industries machinery (June 1982=100) <sup>2</sup>	11-64	124.7	127.3	128.7	9.6	1.1	.1	.1	1.1
Printing trades machinery <sup>2</sup>	11-65	122.0	123.4	123.1	2.8	-.2	-.6	0	-.2
Transformers and power regulators	11-74	113.8	115.3	116.1	7.7	.7	.3	.4	1.0
Communication & related equip. (Dec. 1985=100) <sup>2</sup>	11-76	103.9	104.3	104.2	1.6	-.1	0	.5	-.1
X-ray and electromedical equipment <sup>2</sup>	11-79-05	110.7	111.5	111.5	1.0	0	1.5	-.3	0

See footnotes at end of table.

**Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing—Continued**

(1982=100 unless otherwise indicated)

Grouping	Commodity code	Unadjusted index			Unadjusted percent change to May 1989 from:		Seasonally adjusted percent change from:		
		Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989	Feb. to Mar.	Mar. to Apr.	Apr. to May
<b>Capital equipment—Continued</b>									
Oil field and gas field machinery <sup>2</sup>	11-91	97.9	98.5	98.7	1.6	0.2	0.2	0.3	0.2
Mining machinery and equipment	11-92	114.7	115.7	115.9	5.9	.2	-.1	1.0	.3
Office and store machines and equipment <sup>2</sup>	11-93	109.0	108.6	108.7	2.6	.1	.8	-.7	.1
Commercial furniture	12-2	126.9	127.6	128.4	3.7	.6	.1	-.1	.7
Light motor trucks	14-11-05	131.0	128.7	129.0	4.1	-.2	-.7	-.9	.8
Heavy motor trucks	14-11-06	116.6	117.3	117.0	5.4	-.3	-1.5	1.2	-.1
Truck trailers <sup>2</sup>	14-14	109.8	110.2	110.3	4.5	.1	.2	-.1	.1
Civilian aircraft (Dec. 1985=100) <sup>2</sup>	14-21-02	106.8	108.1	108.1	4.2	0	.8	.6	0
Ships (Dec. 1985=100) <sup>2</sup>	14-31	102.5	99.8	99.8	-.3	0	0	-2.6	0
Railroad equipment	14-4	111.8	114.0	114.0	6.5	0	1.1	1.6	.1
Photographic and photocopy equipment	15-41	92.8	93.3	93.3	1.7	0	-1.2	.9	-.1
<b>Intermediate materials, supplies, and components</b>		110.6	112.3	112.7	6.0	.4	.7	.4	.1
<b>Intermediate foods and feeds</b>		115.6	114.0	114.2	9.0	.2	1.8	-1.3	-1.4
Flour	02-12-03	114.8	113.7	115.9	19.2	1.9	1.9	-2.1	1.1
Refined sugar <sup>2</sup>	02-53	115.8	116.1	117.0	9.8	.8	1.5	0	.8
Confectionery materials	02-54	94.5	101.1	99.1	16.0	-2.0	.7	3.7	-3.3
Crude vegetable oils	02-72	108.9	107.4	114.7	.5	6.8	7.9	-5.2	-1.2
Prepared animal feeds	02-9	124.3	119.1	118.0	10.2	-.9	1.7	-3.8	-2.0
<b>Intermediate materials less foods and feeds</b>		110.4	112.3	112.6	5.8	.3	.6	.4	.3
Synthetic fibers <sup>2</sup>	03-1	100.6	104.0	104.7	7.9	.7	.6	2.7	.7
Processed yarns and threads	03-2	108.5	110.5	110.4	2.4	-.1	.8	.5	-.3
Gray fabrics	03-3	115.5	114.1	113.9	-.3	-.2	-.4	-.1	-.3
Finished fabrics	03-4	111.7	113.0	113.5	3.8	.4	.4	.4	.5
Leather	04-2	166.6	169.2	166.7	-5.5	-1.5	-.7	-2.4	-1.9
Liquefied petroleum gas	05-32	49.8	52.8	55.8	.9	5.7	.8	2.1	4.1
Electric power	05-4	110.6	111.3	112.6	4.6	1.2	.4	.9	0
Jet fuels	05-72-03	54.5	58.5	59.0	9.1	.9	4.4	5.3	1.0
No. 2 Diesel fuel	05-73-03	54.2	62.9	58.0	6.4	-7.8	11.4	4.3	-7.1
Residual fuel	05-74	42.1	47.3	49.4	16.0	4.4	-.2	10.1	1.8
Industrial chemicals	06-1	117.2	117.8	118.1	13.2	.3	-.8	1.4	.3
Prepared paint <sup>2</sup>	06-21	116.4	118.4	118.9	7.0	.4	.4	.6	.4
Paint materials	06-22	127.4	130.5	132.4	17.2	1.5	-.2	-.2	1.7
Medicinal and botanical chemicals <sup>2</sup>	06-31	98.6	100.6	100.3	8.4	-.3	2.4	-.4	-.3
Fats and oils, inedible	06-4	103.2	99.7	96.9	-8.5	-2.8	3.2	-1.3	-1.6
Mixed fertilizers	06-51	108.4	108.8	108.1	2.7	-.6	.4	-.9	-.5
Nitrogenates	06-52-01	107.7	110.0	104.8	13.2	-4.7	-1.4	-.7	-5.0
Phosphates	06-52-02	112.1	108.1	109.7	8.4	1.5	1.0	-2.2	2.2
Other agricultural chemicals	06-53	111.2	113.9	114.6	6.7	.6	.1	-.2	.5
Plastic resins and materials	06-6	140.3	141.3	140.0	7.6	-.9	.2	-.2	-1.0
Synthetic rubber	07-11-02	110.5	109.1	108.8	2.6	-.3	-.6	-.4	.4
Plastic construction products	07-21	122.2	122.5	122.5	.7	0	.1	.2	.2
Unsupported plastic film, sheet, & other shapes <sup>2</sup>	07-22	118.0	119.8	119.8	5.6	.1	0	-.1	.1
Plastic parts and components for manufacturing <sup>2</sup>	07-26	110.3	110.6	110.9	1.3	.3	.5	-.4	.3
Softwood lumber	08-11	118.5	128.7	131.1	8.2	1.9	.5	2.8	2.0
Hardwood lumber	08-12	127.2	128.2	127.3	-4.9	-.7	-.4	.4	-.9
Millwork	08-2	123.5	127.5	128.0	5.3	.4	1.1	.6	.3
Plywood	08-3	105.9	111.3	113.3	13.0	1.8	1.3	.8	1.9
Woodpulp <sup>2</sup>	09-11	151.4	155.7	158.4	16.4	1.7	1.3	1.5	1.7
Paper	09-13	128.7	131.3	131.0	7.3	-.2	.7	.2	-.2
Paperboard	09-14	137.7	143.8	143.5	7.6	-.2	1.4	1.5	.4
Paper boxes and containers	09-15-03	127.0	128.9	129.9	5.3	.8	.1	.2	.9
Building paper and board	09-2	112.9	115.1	115.5	1.9	.3	.4	.3	0
Commercial printing (June 1982=100) <sup>2</sup>	09-37	122.5	124.0	124.2	4.4	.2	.5	.3	.2
Foundry and forge shop products	10-15	112.8	114.0	114.3	5.0	.3	.4	.3	.4
Steel mill products	10-17	114.0	115.2	114.9	3.8	-.3	.8	0	-.4
Primary nonferrous metals	10-22	168.9	161.1	153.1	7.8	-5.0	6.4	-7.7	-7.1
Aluminum mill shapes <sup>2</sup>	10-25-01	138.3	137.1	136.3	5.7	-.6	.7	-1.2	-.6
Copper and brass mill shapes	10-25-02	191.1	190.3	184.1	21.7	-3.3	6.2	-.5	-2.6
Nonferrous wire and cable	10-26	149.2	147.3	148.0	21.1	.5	2.1	.3	.7
Metal containers	10-3	110.1	110.2	110.5	.1	.3	0	.5	.4
Hardware	10-4	117.3	119.2	119.8	6.0	.5	.3	.3	.3
Plumbing fixtures and brass fittings	10-5	133.8	136.7	137.8	7.3	.8	-.8	.4	.7
Heating equipment	10-6	121.8	124.8	124.7	5.0	-.1	.5	.6	.2
Fabricated structural metal products <sup>2</sup>	10-7	118.2	119.8	120.4	5.8	.5	.5	.5	.5
Mechanical power transmission equipment <sup>2</sup>	11-45	119.7	120.2	120.4	4.4	.2	.3	-.1	.2
Air conditioning and refrigeration equipment <sup>2</sup>	11-48	116.6	117.4	117.9	4.6	.4	.6	.2	.4
Metal valves, ex. fluid power (Dec. 1982=100) <sup>2</sup>	11-49-02	117.9	119.6	121.0	7.5	1.2	.7	.2	1.2

See footnotes at end of table.

**Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing—Continued**

(1982=100 unless otherwise indicated)

Grouping	Commodity code	Unadjusted index			Unadjusted percent change to May 1989 from:		Seasonally adjusted percent change from:		
		Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989	Feb. to Mar.	Mar. to Apr.	Apr. to May
<b>Intermediate materials less foods and feeds—Continued</b>									
Ball and roller bearings .....	11-49-05	120.1	125.7	124.7	12.7	-0.8	2.4	0.1	-0.5
Wiring devices .....	11-71	127.2	129.1	129.7	5.4	.5	-3	1.0	.4
Motors, generators, motor generator sets .....	11-73	126.7	128.8	129.0	6.6	.2	1.3	-2	.2
Switchgear, switchboard, etc., equipment <sup>2</sup> .....	11-75	116.8	118.3	118.9	5.2	.5	.3	0	.5
Electronic components and accessories .....	11-78	119.0	119.3	119.5	1.8	.2	.7	-1	.2
Internal combustion engines .....	11-94	112.7	113.2	113.5	2.3	.3	.2	.2	.2
Machine shop products <sup>2</sup> .....	11-95	119.0	120.2	120.7	3.8	.4	.5	.4	.4
Flat glass <sup>2</sup> .....	13-11	111.0	110.0	111.0	1.2	.9	-4	0	.9
Portland cement .....	13-22-01-31	102.3	102.6	102.7	-1.1	.1	-3	.8	-3
Concrete products .....	13-3	110.4	110.8	110.8	.8	0	.1	-1	-1
Asphalt felts and coatings .....	13-6	95.0	95.5	95.6	2.7	.1	-3	1.5	-4
Gypsum products <sup>2</sup> .....	13-7	111.3	108.7	110.6	-1.9	1.7	-6	-1.4	1.7
Glass containers .....	13-8	112.3	116.3	116.1	3.6	-2	.4	2.1	-3
Motor vehicle parts .....	14-12	108.9	108.9	109.1	2.0	.2	-1	.3	.2
Aircraft engines & engine parts (Dec. 1985=100) <sup>2</sup> .....	14-23	104.8	106.3	106.4	2.7	.1	.4	.5	.1
Aircraft parts & aux.equip.,nec (June 1985=100) <sup>2</sup> .....	14-25	113.8	113.9	114.1	4.4	.2	.5	-1	.2
Photographic supplies .....	15-42	119.9	121.4	122.0	8.9	.5	0	-1.1	.6
<b>Crude materials for further processing</b> .....		101.4	104.1	106.3	9.4	2.1	2.3	.6	.9
<b>Crude foodstuffs and feedstuffs</b> .....		112.5	111.4	115.0	9.8	3.2	3.0	-2.8	.4
Wheat .....	01-21	114.0	109.2	114.4	42.8	4.8	4.3	-5.9	6.7
Corn .....	01-22-02-05	113.0	106.9	111.1	36.7	3.9	2.8	-7.6	-4.8
Cattle .....	01-31	111.7	117.3	116.5	-1.7	-7	2.5	-1.3	-2.2
Hogs .....	01-32	80.8	67.3	74.6	-15.9	10.8	8.1	-10.7	1.2
Live chickens:broilers and fryers .....	01-41-02	129.5	142.1	162.3	32.6	14.2	13.6	-1.5	10.0
Live turkeys .....	01-42	98.1	126.2	130.3	68.6	3.2	-2.9	13.7	-1.8
Fluid milk .....	01-6	96.4	90.0	89.7	5.2	-3	-1.8	-1.3	.1
Soybeans .....	01-83-01-31	134.3	120.9	127.9	8.1	5.8	5.6	-10.4	1.3
Cane sugar,raw .....	02-52-01-01	111.0	112.3	113.8	1.8	1.3	.3	0	1.3
<b>Crude nonfood materials</b> .....		90.0	94.9	96.2	9.1	1.4	1.7	3.3	1.3
Raw cotton <sup>2</sup> .....	01-51-01-01	92.6	102.6	105.9	5.2	3.2	4.0	7.7	3.2
Leaf tobacco .....	01-92-01-01	94.4	93.1	93.7	14.3	.6	-5	1.0	.3
Cattle hides .....	04-11	181.2	222.6	208.0	-11.3	-6.6	19.3	-7.2	-9.8
Coal <sup>2</sup> .....	05-1	94.1	94.2	94.8	-.4	.6	-.1	.5	.6
Natural gas <sup>2</sup> .....	05-31	82.6	81.6	84.4	9.0	3.4	-5.4	1.9	3.4
Crude petroleum <sup>2</sup> .....	05-61	49.7	58.6	59.8	16.1	2.0	6.8	9.3	2.0
Logs, timber, etc. <sup>2</sup> .....	08-5	120.8	125.5	128.3	7.9	2.2	1.5	2.0	2.2
Wastepaper <sup>2</sup> .....	09-12	157.4	159.1	158.2	-14.8	-.6	.9	.6	-.6
Iron ore <sup>2</sup> .....	10-11	82.8	82.8	82.8	0	0	0	0	0
Iron and steel scrap .....	10-12	188.1	184.3	184.2	7.5	-.1	-1.1	-.5	3.3
Nonferrous metal ores (Dec. 1983=100) <sup>2</sup> .....	10-21	129.2	113.2	107.6	9.0	-4.9	-4.2	-6.4	-4.9
Copper base scrap .....	10-23-01	185.7	190.5	185.9	24.7	-2.4	4.3	.5	-.6
Aluminum base scrap .....	10-23-02	227.9	221.8	220.4	.9	-.6	-3.4	-4.5	-.1
Construction sand, gravel, and crushed stone .....	13-21	121.5	122.6	123.3	2.0	.6	0	.1	.7

<sup>1</sup> All data are subject to revision 4 months after original publication.

<sup>2</sup> Not seasonally adjusted.

<sup>3</sup> Not available.

**Table 3. Producer price indexes for selected stage-of-processing groupings, seasonally adjusted**

(1982 = 100)

Year and month	Index									
	Finished goods	Finished consumer foods	Finished consumer goods excluding foods	Capital equipment	Intermediate materials	Intermediate foods and feeds	Intermediate materials excluding foods	Crude materials	Crude foodstuffs and feedstuffs	Crude nonfood materials
1985:										
January .....	104.0	105.4	102.2	106.2	103.1	100.5	103.2	100.0	101.3	98.5
February .....	104.2	106.1	102.0	106.9	102.8	100.3	102.9	99.4	100.6	98.1
March .....	104.2	105.5	102.2	107.1	102.7	99.7	102.8	97.7	98.0	97.4
April .....	104.6	104.8	103.3	107.1	102.9	98.6	103.2	96.7	95.8	97.8
May .....	104.9	103.8	104.1	107.4	103.1	96.6	103.5	95.7	93.5	98.1
June .....	104.6	103.6	103.7	107.6	102.7	96.3	103.0	94.9	93.0	97.1
July .....	104.7	104.3	103.4	107.7	102.3	96.1	102.7	94.8	92.7	97.1
August .....	104.5	103.8	103.2	107.9	102.3	95.0	102.6	92.8	89.8	96.0
September .....	103.8	102.5	102.8	107.3	102.2	94.1	102.6	91.8	88.0	96.0
October .....	104.8	103.9	103.6	108.3	102.3	95.8	102.6	94.2	92.4	96.1
November .....	105.4	105.3	103.9	108.5	102.5	96.9	102.8	95.7	96.1	95.4
December .....	105.9	106.1	104.4	108.6	102.8	97.2	103.1	95.5	96.0	95.1
1986:										
January .....	105.6	105.9	104.0	108.5	102.4	96.9	102.7	94.4	93.7	95.2
February .....	104.3	104.9	101.9	108.7	101.3	96.0	101.5	90.5	91.7	89.2
March .....	103.0	104.9	99.5	108.8	100.0	95.9	100.2	88.3	91.2	85.2
April .....	102.3	105.0	98.1	109.2	99.0	95.4	99.2	85.5	88.8	82.0
May .....	102.8	106.1	98.5	109.3	98.7	95.5	98.9	86.5	91.1	81.5
June .....	103.0	106.0	98.7	109.6	98.6	95.1	98.8	85.9	90.2	81.1
July .....	102.2	107.5	96.3	109.7	97.9	95.6	98.1	86.3	93.3	78.4
August .....	102.6	109.4	96.3	109.8	98.0	97.1	98.0	86.4	95.8	75.7
September .....	102.8	108.7	96.9	110.0	98.4	97.1	98.5	86.4	94.7	77.1
October .....	103.3	109.7	97.2	110.5	98.2	96.4	98.3	87.3	95.8	77.7
November .....	103.4	109.6	97.2	110.8	98.2	96.5	98.3	87.6	96.0	78.2
December .....	103.4	109.1	97.5	110.8	98.3	96.4	98.4	86.9	94.5	78.3
1987:										
January .....	104.0	108.0	99.1	111.2	99.1	95.6	99.3	89.3	92.5	83.3
February .....	104.5	108.7	99.6	111.0	99.8	96.7	100.0	90.1	93.3	84.1
March .....	104.7	108.5	100.1	111.1	100.0	96.2	100.2	90.8	93.8	84.8
April .....	105.2	109.6	100.3	111.4	100.3	97.8	100.5	92.6	97.4	85.4
May .....	105.3	110.6	100.1	111.5	100.8	100.0	100.9	93.9	99.4	86.3
June .....	105.4	110.4	100.5	111.5	101.3	99.9	101.4	94.3	97.7	87.9
July .....	105.6	110.1	100.8	111.6	101.8	100.0	101.9	95.5	96.9	90.3
August .....	105.7	109.3	101.3	111.9	102.3	99.7	102.4	96.5	96.9	91.8
September .....	106.2	109.9	101.8	112.4	102.6	100.6	102.7	95.9	97.2	90.8
October .....	106.0	109.8	101.6	112.0	103.1	100.9	103.2	95.8	97.2	90.6
November .....	106.0	110.0	101.4	112.1	103.4	101.3	103.6	95.0	96.0	90.1
December .....	105.7	108.8	101.5	112.2	103.6	101.4	103.8	94.8	96.9	89.3
1988:										
January .....	106.4	110.4	101.7	112.8	104.3	102.6	104.4	94.1	98.0	87.4
February .....	106.4	110.0	101.9	113.1	104.6	102.6	104.7	95.0	100.2	87.4
March .....	106.8	110.6	102.2	113.2	105.0	103.3	105.1	94.8	101.1	86.3
April .....	107.1	110.6	102.7	113.4	105.7	104.5	105.8	95.6	101.4	87.8
May .....	107.4	111.2	102.9	113.7	106.3	104.2	106.4	96.0	102.0	88.0
June .....	107.6	112.1	102.7	114.0	107.1	110.7	107.0	96.9	106.1	86.9
July .....	108.2	112.9	103.3	114.3	107.9	115.9	107.4	96.6	108.3	85.2
August .....	108.5	113.6	103.5	114.7	108.2	114.9	107.8	97.2	110.9	84.4
September .....	109.1	114.6	103.7	115.7	108.6	115.3	108.2	97.1	113.1	83.1
October .....	109.2	114.7	103.8	115.6	108.6	115.1	108.3	96.6	113.4	82.0
November .....	109.5	115.1	104.1	115.8	109.0	113.2	108.8	94.8	108.8	82.1
December .....	109.9	115.2	104.7	116.2	109.5	112.3	109.4	97.8	110.8	85.6
1989:										
January .....	111.1	116.7	106.0	116.9	110.8	115.2	110.5	101.8	113.3	90.2
February .....	112.1	117.9	107.1	117.3	111.2	114.6	111.1	101.3	111.7	90.3
March .....	112.6	118.9	107.6	117.5	112.0	116.7	111.8	103.6	115.1	91.8
April .....	113.1	118.2	109.0	117.4	112.5	115.2	112.3	104.2	111.9	94.8
May .....	114.1	119.2	110.2	117.9	112.6	113.6	112.6	105.1	112.3	96.0

NOTE: Data for January 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication.

**Table 4. Producer price indexes for the net output of major industry groups**

Industry <sup>1</sup>	Industry code	Index base	Index			Unadjusted percent change to May 1989 from —	
			Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Total mining industries</b> .....		12/84	74.8	77.2	79.0	8.8	2.3
Metal mining .....	10	12/84	113.3	103.5	100.0	4.5	-3.4
Anthracite mining .....	11	12/85	102.8	102.5	102.4	3.4	-.1
Bituminous coal and lignite mining .....	12	12/85	93.9	93.4	94.2	-2	.9
Oil and gas extraction .....	13	12/85	72.4	75.8	78.0	10.8	2.9
Mining and quarrying of non-metallic minerals, except fuels .....	14	12/84	109.9	111.3	111.7	3.4	.4
<b>Total manufacturing industries</b> .....		12/84	107.5	109.5	110.1	5.9	.5
Food and kindred products .....	20	12/84	111.2	112.1	112.5	6.4	.4
Tobacco manufactures .....	21	12/84	154.3	154.5	154.5	12.7	0
Textile mill products .....	22	12/84	108.4	108.9	109.0	2.2	-.1
Apparel and other finished products made from fabrics and similar materials .....	23	12/84	109.0	109.5	109.5	2.6	0
Lumber and wood products, except furniture .....	24	12/84	110.7	114.2	115.3	5.8	1.0
Furniture and fixtures .....	25	12/84	113.6	114.8	115.3	3.8	.4
Paper and allied products .....	26	12/84	118.2	120.7	121.3	7.5	.5
Printing, publishing, and allied industries .....	27	12/84	122.6	123.9	124.2	5.6	.2
Chemicals and allied products .....	28	12/84	119.8	121.4	121.1	8.4	-.2
Petroleum refining and related products .....	29	12/84	67.9	78.9	81.8	17.2	3.7
Rubber and miscellaneous plastic products .....	30	12/84	109.3	110.4	110.5	4.0	.1
Leather and leather products .....	31	12/84	115.9	117.1	117.2	3.7	.1
Stone, clay, glass, and concrete products .....	32	12/84	106.6	107.6	107.9	2.0	.3
Primary metal industries .....	33	12/84	119.6	119.6	119.3	7.1	-.3
Fabricated metal products, except machinery and transportation equipment .....	34	12/84	110.6	112.0	112.4	5.0	.4
Machinery, except electrical .....	35	12/84	108.9	109.9	110.2	4.2	.3
Electrical and electronic machinery, equipment, and supplies .....	36	12/84	106.0	106.7	106.8	2.3	.1
Transportation equipment .....	37	12/84	111.3	110.8	111.4	4.1	.5
Measuring and controlling instruments; photographic, medical, optical goods; watches, clocks ..	38	12/84	108.8	110.0	110.5	3.0	.5
Miscellaneous manufacturing industries .....	39	12/85	110.1	111.2	111.5	4.2	.3
<b>Services industries</b> .....							
Pipe lines, except natural gas .....	46	12/86	94.5	94.4	94.4	-3	0

<sup>1</sup> Indexes in this table are derived from the net-output-weighted industry price indexes shown in table 5. Because of differences in coverage and aggregation methodology, they will generally not match the movements of similarly-titled indexes which are derived from traditional commodity groupings shown in table 6.

<sup>2</sup> Data for January 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

<sup>3</sup> Not available.

**Table 5. Producer price indexes for the net output of selected industries and their products**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Total mining industries</b> .....			12/84	74.8	77.2	79.0	8.8	2.3
Metal mining .....	10		12/84	113.3	103.5	100.0	4.5	-3.4
Iron ores .....	1011		12/84	81.8	82.0	82.0	.6	0
Primary products .....		1011-P	12/84	83.2	83.4	83.4	.6	0
Iron ores .....		1011-1	12/84	83.2	83.4	83.4	.6	0
Ores, Great Lakes area .....		1011-12	12/84	80.6	80.6	80.6	0	0
Pellets .....		1011-122	12/84	78.2	( <sup>3</sup> )	78.2	0	( <sup>3</sup> )
Copper ores .....	1021		06/88	162.9	138.6	128.5	( <sup>3</sup> )	-7.3
Primary products .....		1021-P	06/88	167.9	141.2	130.4	( <sup>3</sup> )	-7.6
Copper concentrates, copper precipitates, and crude copper ores .....		1021-3	06/88	167.9	141.2	130.4	( <sup>3</sup> )	-7.6
Copper concentrates .....		1021-302	06/88	170.8	140.8	128.7	( <sup>3</sup> )	-8.6
Gold and silver ores .....	104		12/84	90.4	85.4	82.5	-17.2	-3.4
Gold ores .....	1041		06/85	119.7	115.0	113.2	-15.0	-1.6
Primary products .....		1041-P	06/85	119.7	115.0	113.2	-15.0	-1.6
Gold mill bullion, including dore .....		1041-4	06/85	122.2	117.4	115.5	-15.0	-1.6
Gold mill bullion, including dore .....		1041-401	06/85	122.2	117.4	115.5	-15.0	-1.6
Silver ores .....	1044		12/83	75.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Primary products .....		1044-P	12/83	75.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Silver concentrates .....		1044-5	12/83	78.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Silver concentrates .....		1044-501	12/83	78.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Bauxite and other aluminum ores .....	1051		12/85	128.9	137.5	137.5	42.2	0
Primary products .....		1051-P	12/85	129.3	138.0	138.0	42.7	0
Metal mining services .....	1081		12/85	106.2	106.2	106.2	4.8	0
Primary products .....		1081-P	12/85	106.7	106.7	106.7	5.2	0
Prospect and test drilling .....		1081-803	12/85	109.5	109.5	109.5	6.8	0
Miscellaneous metal ores .....	109		12/85	67.4	61.8	62.6	-30.9	1.3
Metal ores, n.e.c. ....	1099		12/85	105.6	119.0	124.5	16.7	4.6
Primary products .....		1099-P	12/85	105.6	119.0	124.5	16.7	4.6
Other crude ores and concentrates, such as antimony, rare-earth metals, beryllium, and tin .....		1099-103	12/85	97.7	98.7	99.0	1.5	.3
Anthracite mining .....	11		12/85	102.8	102.5	102.4	3.4	-.1
Anthracite .....	1111		12/79	154.8	154.4	154.2	3.4	-.1
Primary products .....		1111-P	12/79	155.2	154.8	154.7	2.8	-.1
Prepared anthracite shipped .....		1111-2	12/79	155.4	155.0	154.8	3.5	-.1
Bituminous coal and lignite mining .....	12		12/85	93.9	93.4	94.2	-.2	.9
Bituminous coal and lignite .....	1211		12/81	97.7	97.3	98.1	-.2	.8
Primary products .....		1211-P	12/81	97.7	97.7	98.4	-.5	.7
Prepared .....		1211-A	12/81	96.9	96.2	97.1	-.4	.9
Steam electric utilities .....		1211-2	12/81	103.2	102.3	103.4	-1.0	1.1
North Appalachia .....		1211-211	12/81	95.4	96.4	96.8	-2.2	.4
Spot .....		1211-2118	12/81	94.7	94.5	94.9	-1.4	.4
Surface mine .....		1211-21182	12/86	100.7	100.0	101.2	-2.8	1.2
Contract .....		1211-2119	12/81	95.1	96.3	96.7	-2.4	.4
Underground mine .....		1211-21191	12/86	87.7	89.5	90.0	-3.3	.6
Surface mine .....		1211-21192	12/86	95.4	95.7	95.8	-1.0	.1
South Appalachia .....		1211-212	12/81	97.1	97.1	97.2	-2.2	.1
Spot .....		1211-2128	05/82	80.7	81.4	81.1	-3.6	-.4
Underground mine .....		1211-21281	12/86	93.9	94.8	94.7	-.7	-.1
Contract .....		1211-2129	12/81	99.7	99.6	99.8	-2.0	.2
Underground mine .....		1211-21291	12/86	100.7	100.3	100.3	-1.9	0
Surface mine .....		1211-21292	12/86	99.5	99.9	100.2	-2.2	.3
Midwest .....		1211-213	12/81	103.1	100.7	101.2	-2.6	.5
Spot .....		1211-2138	12/81	106.5	81.5	82.5	-21.5	1.2
Surface mine .....		1211-21382	12/86	98.3	68.1	68.1	-30.0	0
Contract .....		1211-2139	12/81	102.8	102.6	103.1	-.7	.5
Underground mine .....		1211-21391	12/86	93.9	93.7	95.1	.3	1.5
Surface mine .....		1211-21392	12/86	93.5	93.3	93.4	-1.1	.1
West .....		1211-214	12/81	116.1	114.2	117.6	2.7	3.0
Spot .....		1211-2148	12/86	82.6	83.4	83.5	1.0	.1
Contract .....		1211-2149	12/81	116.9	114.9	118.4	2.8	3.0
Underground mine .....		1211-21491	12/86	109.0	109.8	111.1	2.5	1.2
Surface mine .....		1211-21492	12/86	97.4	95.1	98.5	2.9	3.6
Metallurgical/coke producer .....		1211-3	12/81	78.6	80.0	79.7	3.4	-.4
Spot .....		1211-3168	12/86	99.0	96.9	96.9	-.8	0
Contract .....		1211-3169	12/86	94.8	97.2	96.8	4.2	-.4
All other industrial .....		1211-4	12/81	92.7	90.2	90.7	-1.6	.6

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Bituminous coal and lignite—Continued</b>								
North Appalachia .....		1211-411	12/81	85.2	84.9	85.0	0	0.1
Spot .....		1211-4118	06/85	75.1	73.5	73.7	-.7	.3
Contract .....		1211-4119	12/81	86.9	86.9	86.9	.1	0
South Appalachia .....		1211-412	12/81	89.6	85.8	86.9	-2.2	1.3
Spot .....		1211-4128	12/84	79.1	77.6	80.4	-1.5	3.6
Contract .....		1211-4129	12/81	92.8	88.6	89.4	-2.4	.9
Midwest .....		1211-413	12/81	108.2	105.2	105.2	-3.9	0
Spot .....		1211-4138	06/85	102.9	102.9	102.9	-5.6	0
Contract .....		1211-4139	12/81	106.6	103.4	103.4	-3.7	0
West .....		1211-414	05/84	87.8	86.9	86.9	1.4	0
Spot .....		1211-4148	12/86	94.8	94.2	95.6	1.8	1.5
Export .....		1211-6	04/82	66.8	66.7	67.0	2.3	.4
Unprepared .....		1211-1	12/81	101.2	101.0	101.4	-3.6	.4
For preparation at other establishments .....		1211-101	12/81	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
For use without preparation .....		1211-102	12/81	107.0	106.7	107.3	-.4	.6
Intracompany shipments .....		1211-8	12/86	90.8	93.9	93.8	.5	-.1
Bituminous coal and lignite mining services .....	1213		06/85	102.0	102.0	102.0	1.4	0
Primary services .....		1213-P	06/85	102.0	102.0	102.0	1.4	0
Exploration and development work .....		1213-1	06/85	104.4	104.4	104.4	.1	0
Drilling .....		1213-12	06/85	102.5	102.5	102.5	.1	0
Other bituminous coal and lignite mining services .....		1213-3	06/85	89.0	89.0	89.0	0	0
Oil and gas extraction .....	13		12/85	72.4	75.8	78.0	10.8	2.9
Crude petroleum and natural gas .....	1311		06/84	65.6	70.1	72.0	12.1	2.7
Primary products .....		1311-P	06/84	65.6	70.0	72.0	12.1	2.9
Crude petroleum .....		1311-1	06/84	54.2	63.8	65.1	16.0	2.0
Natural gas .....		1311-5	06/84	77.6	76.6	79.3	9.1	3.5
Sales to interstate pipelines .....		1311-53201	06/84	73.0	73.1	75.9	11.3	3.8
Sales to intrastate pipelines .....		1311-53202	06/84	91.5	87.3	89.5	3.5	2.5
Natural gas liquids .....	1321		06/84	72.4	71.8	74.3	7.2	3.5
Primary products .....		1321-P	06/84	72.3	71.8	74.3	7.4	3.5
Natural gas liquids .....		1321-2	06/84	52.0	53.0	55.1	-1.4	4.0
Plant condensate .....		1321-211	06/84	38.7	51.1	59.3	19.8	16.0
Ethane .....		1321-215	06/84	74.3	62.0	58.6	7.9	-5.5
Natural gasoline .....		1321-222	06/84	50.3	62.7	71.1	25.2	13.4
Propane .....		1321-231	06/84	44.8	45.6	47.7	-7.9	4.6
Butane .....		1321-232	06/84	49.1	46.4	45.6	-24.0	-1.7
Gas mixtures .....		1321-234	06/84	52.1	58.1	59.0	6.5	1.5
Other natural gas liquids .....		1321-298	06/84	46.1	56.8	63.3	1.0	11.4
Oil and gas field services .....	138		12/85	90.8	90.5	90.0	-1.5	-.6
Drilling oil and gas wells .....	1381		12/85	87.6	87.1	86.1	-4.3	-1.1
Primary products .....		1381-P	12/85	87.2	86.8	85.8	-4.3	-1.2
Offshore drilling .....		1381-7	12/85	80.9	78.7	74.5	-10.0	-5.3
Drilling oil, gas, dry and service wells .....		1381-701	12/85	80.9	78.7	74.5	-10.0	-5.3
Onshore drilling .....		1381-9	12/85	88.4	88.3	87.9	-3.4	-.5
Drilling oil, gas, dry and service wells .....		1381-901	12/85	88.3	88.2	87.8	-3.4	-.5
Oil and gas exploration services .....	1382		12/85	72.3	72.3	72.3	-4.2	0
Primary products .....		1382-P	12/85	71.1	71.1	71.1	-4.3	0
Geophysical exploration .....		1382-801	12/85	71.1	71.1	71.1	-4.3	0
Land .....		1382-80101	12/85	73.1	73.1	73.1	-6.4	0
Oil and gas field services, n.e.c. ....	1389		12/85	97.0	96.8	96.6	1.2	-.2
Primary products .....		1389-P	12/85	97.0	96.7	96.8	1.5	.1
Offshore field services, n.e.c. ....		1389-7	12/85	92.7	92.7	92.7	.1	0
Other oil and gas field services .....		1389-736	12/85	90.9	90.9	90.9	0	0
Onshore field services, n.e.c. ....		1389-9	12/85	97.8	97.5	97.5	1.7	0
Cementing wells .....		1389-901	12/85	104.1	103.9	103.9	5.4	0
Acidizing and other chemical treatment of wells, excluding hydraulic fracturing .....		1389-902	12/85	119.2	118.5	118.5	7.0	0
Running, cutting, and pulling casing, tubes and rods .....		1389-914	12/85	95.2	93.5	94.6	1.1	1.2
Installing production equipment, such as wellhead fittings, pumps, and engines .....		1389-915	12/85	97.9	97.9	97.9	2.6	0
Cleaning out, bailing out, or swabbing wells .....		1389-925	12/85	90.7	90.7	89.9	1.1	-.9
Other oil and gas field services .....		1389-936	12/85	92.7	92.7	92.7	1.1	0
Secondary products and miscellaneous receipts .....		1389-SM						
Secondary products .....		1389-S	12/85	94.3	94.3	91.5	-3.0	-3.0
Drilling oil and gas wells .....		1381-S	12/85	94.3	94.3	89.5	-5.1	-5.1
Mining and quarrying of non-metallic minerals, except fuels .....	14		12/84	109.9	111.3	111.7	3.4	.4
Dimension stone .....	1411		06/85	109.1	109.7	109.8	1.8	.1
Rough dimension granite .....		1411-501	06/85	105.0	105.5	105.5	.7	0
Other rough dimension stone .....		1411-901	06/85	108.9	109.4	109.4	1.8	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Crushed and broken stone, including riprap .....	142		12/84	112.4	113.7	114.3	2.0	0.5
Crushed and broken limestone .....	1422		12/83	114.8	116.3	117.1	2.2	.7
Primary products .....		1422-P	12/83	115.8	117.5	118.3	2.2	.7
Limestone and related rocks .....		1422-111						
East North Central region .....		1422-11101	12/83	115.2	115.8	116.5	1.5	.6
West North Central region .....		1422-11102	12/83	114.1	116.7	118.0	2.6	1.1
Other regions .....		1422-11103	12/83	117.0	118.7	119.5	2.5	.7
Secondary products and miscellaneous receipts .....		1422-SM						
Secondary products .....		1422-S	12/83	102.2	101.9	101.6	.7	-.3
Crushed and broken granite, n.e.c. ....	1423		12/83	120.5	121.8	121.3	1.1	-.4
Primary products .....		1423-P	12/83	120.6	121.9	121.4	1.1	-.4
Granite and related rocks .....		1423-111						
South Atlantic region .....		1423-11101	12/83	122.8	124.1	123.5	1.2	-.5
Other regions .....		1423-11102	12/83	115.0	116.0	116.0	.8	0
Secondary products and miscellaneous receipts .....		1423-SM						
Secondary products .....		1423-S	12/83	117.0	116.2	116.6	1.2	.3
Crushed and broken stone, n.e.c. ....	1429		12/83	121.7	123.1	123.4	1.6	.2
Primary products .....		1429-P	12/83	122.2	123.5	123.8	1.6	.2
Traprock .....		1429-11111	12/83	126.7	127.9	127.7	.8	-.2
Sandstone .....		1429-11112	12/83	103.9	103.9	103.9	.5	0
Other, (slate, volcanic rock, etc.) .....		1429-11114	12/83	128.0	128.9	130.8	3.6	1.5
Secondary products and miscellaneous receipts .....		1429-SM						
Secondary products .....		1429-S	12/83	114.6	117.9	118.1	2.1	.2
Sand and gravel .....	144		12/84	114.2	114.6	115.3	2.0	.6
Construction sand and gravel .....	1442		06/82	121.8	122.0	122.6	1.7	.5
Primary products .....		1442-P	06/82	122.4	122.6	123.3	1.8	.6
Construction sand .....		1442-3	06/82	123.7	124.1	124.7	2.3	.5
Northeast region .....		1442-3A	06/82	140.6	140.3	140.9	.4	.4
New England .....		1442-31	06/82	172.9	172.9	172.9	0	0
Concrete aggregate and concrete products .....		1442-311	06/82	194.4	194.4	194.4	0	0
Mid-Atlantic .....		1442-32	06/82	130.6	130.1	131.0	.7	.7
Concrete aggregate and concrete products .....		1442-321	06/82	124.1	123.5	123.9	.6	.3
Fill, road base and other .....		1442-325	06/82	136.4	( <sup>3</sup> )	137.5	.8	( <sup>3</sup> )
North Central region .....		1442-3B	06/82	116.5	116.9	117.1	1.1	.2
East North Central .....		1442-33	06/82	117.5	118.1	118.4	.9	.3
Concrete aggregate and concrete products .....		1442-331	06/82	115.5	116.3	117.1	1.5	.7
Asphaltic and other aggregate and bituminous paving mixture .....		1442-333	06/82	115.6	116.2	116.2	.8	0
Fill, road base and other .....		1442-335	06/82	121.6	121.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
West North Central .....		1442-34						
Concrete aggregate and concrete products .....		1442-341	06/82	119.7	119.7	119.7	2.9	0
Fill, road base and other .....		1442-345	07/82	106.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
South region .....		1442-3C	06/82	112.8	113.5	113.8	1.6	.3
South Atlantic .....		1442-35	06/82	129.2	130.8	130.8	2.7	0
Concrete aggregate and concrete products .....		1442-351	06/82	131.0	132.6	132.6	2.7	0
East South Central .....		1442-36						
West South Central .....		1442-37	06/82	94.7	94.5	95.2	.2	.7
Concrete aggregate and concrete products .....		1442-371	06/82	93.7	93.5	94.5	.6	1.1
West region .....		1442-3D	06/82	132.8	133.2	134.8	6.8	1.2
Mountain .....		1442-3E	06/82	89.0	89.0	89.0	.7	0
Concrete aggregate and concrete products .....		1442-3E1	06/82	63.7	63.7	63.7	0	0
Pacific .....		1442-39	06/82	144.0	144.6	146.6	7.9	1.4
Concrete aggregate and concrete products .....		1442-391	06/82	155.8	157.0	161.3	15.5	2.7
Fill, road base and other .....		1442-395	06/82	136.7	136.7	136.7	1.3	0
Construction gravel .....		1442-5	06/82	121.4	121.4	122.1	1.4	.6
Northeast region .....		1442-5A	06/82	134.6	136.6	139.5	4.1	2.1
New England .....		1442-51	06/82	153.0	157.2	163.0	6.5	3.7
Concrete aggregate and concrete products .....		1442-511	06/82	147.8	147.8	156.4	5.8	5.8
Fill, road base and other .....		1442-515	06/82	159.5	168.9	171.0	7.2	1.2
Mid-Atlantic .....		1442-52	06/82	122.0	122.4	123.4	2.0	.8
Concrete aggregate and concrete products .....		1442-521	06/82	117.7	118.6	119.9	2.4	1.1
Fill, road base and other .....		1442-525	06/82	133.7	133.7	134.6	3.4	.7
North Central region .....		1442-5B	06/82	121.0	122.8	123.8	2.0	.8
East North Central .....		1442-53	06/82	122.7	125.2	126.8	2.8	1.3
Concrete aggregate and concrete products .....		1442-531	06/82	113.4	115.4	118.2	1.6	2.4
Asphaltic and other aggregate and bituminous paving mixture .....		1442-533	06/82	119.9	120.9	122.1	2.5	1.0
Fill, road base and other .....		1442-535	06/82	137.9	141.9	142.2	4.6	.2
West North Central .....		1442-54	06/82	116.7	116.4	115.6	-.5	-.7
Concrete aggregate and concrete products .....		1442-541	06/82	126.3	126.3	126.3	.2	0
Asphaltic and other aggregate and bituminous paving mixture .....		1442-543	06/82	107.8	105.9	106.7	-1.0	.8
Fill, road base and other .....		1442-545	06/82	107.2	( <sup>3</sup> )	104.5	-1.6	( <sup>3</sup> )
South region .....		1442-5C	06/82	122.4	118.2	118.2	-1.4	0
South Atlantic .....		1442-55	06/82	148.2	134.3	134.4	-6.9	.1
Concrete aggregate and concrete products .....		1442-551	06/82	160.6	139.7	139.7	-10.8	0
Asphaltic and other aggregate and bituminous paving mixture .....		1442-553	06/82	130.4	133.0	133.9	2.7	.7
Fill, road base and other .....		1442-555	06/82	117.0	116.3	116.3	5.2	.0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Construction sand and gravel—Continued								
East South Central .....		1442-56	06/82	106.5	106.5	106.5	1.7	0
Fill, road base and other .....		1442-565	06/82	109.4	109.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
West South Central .....		1442-57	06/82	110.2	111.2	111.2	2.6	0
Concrete aggregate and concrete products .....		1442-571	06/82	114.0	115.4	115.4	3.1	0
Fill, road base and other .....		1442-575	06/82	108.4	108.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
West region .....		1442-5D	06/82	112.0	113.5	113.6	2.6	.1
Mountain .....		1442-58	06/82	101.9	102.7	102.7	-3.0	0
Concrete aggregate and concrete products .....		1442-581	06/82	103.4	103.4	103.4	1.3	0
Pacific .....		1442-59	06/82	116.7	118.6	118.8	5.1	.2
Concrete aggregate and concrete products .....		1442-591	06/82	131.0	133.4	133.8	6.8	.3
Fill, road base and other .....		1442-595	06/82	103.1	103.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		1442-SM						
Miscellaneous receipts .....		1442-M	06/82	131.2	131.9	132.0	10.4	.1
Contract work and other miscellaneous receipts .....		1442-XY9	06/82	117.7	117.7	118.6	.8	.8
Secondary products .....		1442-S	06/82	104.6	104.8	104.7	-1.8	-1.1
Industrial sand .....	1446		06/82	110.3	111.8	112.7	3.3	.8
Primary products .....		1446-P	06/82	109.8	111.3	112.2	3.3	.8
Glass sand .....		1446-1	06/82	110.0	110.4	110.6	1.3	.2
Molding sand .....		1446-5	06/82	118.8	122.8	124.9	6.5	1.7
Other industrial sand, n.e.c. ....		1446-9	06/82	102.6	103.3	104.2	2.9	.9
Abrasive sand, including blast sand .....		1446-90101	06/82	114.0	114.0	116.2	2.2	1.9
Hydraulic fracture sand .....		1446-90103	06/82	75.1	75.1	75.1	1.5	0
Other industrial sand, n.e.c. ....		1446-90109	06/82	119.9	122.3	123.2	3.6	.7
Secondary products and miscellaneous receipts .....		1446-SM						
Secondary products .....		1446-S	06/82	129.5	133.6	133.6	5.6	0
Clay, ceramic, and refractory minerals .....	145		12/84	107.4	108.1	108.2	2.7	.1
Bentonite .....	1452		06/84	95.7	96.4	96.3	-2.1	-1.1
Primary products .....		1452-P	06/84	95.6	96.3	96.2	-2.2	-1.1
Prepared bentonite .....		1452-201	06/84	95.5	96.2	96.1	-2.2	-1.1
Mountain region .....		1452-20111	06/84	90.4	90.9	90.9	-3.8	0
Other regions .....		1452-20113	06/84	104.2	105.5	105.1	2.5	-4
Secondary products and miscellaneous receipts .....		1452-SM						
Secondary products .....		1452-S	06/84	100.1	100.1	100.1	.7	0
Fire clay .....	1453		12/84	98.7	98.7	98.7	6.0	0
Secondary products and miscellaneous receipts .....		1453-SM						
Fuller's earth .....	1454		06/84	114.0	114.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Primary products .....		1454-P	06/84	114.0	114.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Kaolin and ball clay .....	1455		06/84	110.1	111.1	111.2	3.4	.1
Primary products .....		1455-P	06/84	110.1	111.1	111.3	3.6	.2
Prepared kaolin and ball clay .....		1455-201	06/84	110.2	111.2	111.4	3.6	.2
Clay and related minerals, n.e.c. ....	1459		06/84	112.5	113.2	113.2	2.8	0
Primary products .....		1459-P	06/84	112.6	112.9	113.0	2.6	.1
Feldspar .....		1459-A						
Prepared .....		1459-211	06/84	113.0	114.3	114.5	4.2	.2
Common clay and shale .....		1459-B	06/84	114.5	114.5	114.5	1.1	0
Prepared .....		1459-221	06/84	115.6	115.6	115.6	1.1	0
Other clay and related materials .....		1459-C	06/84	110.7	110.7	110.7	3.2	0
Prepared .....		1459-223	06/84	110.9	110.9	110.9	3.4	0
Secondary products and miscellaneous receipts .....		1459-SM						
Secondary products .....		1459-S	06/84	110.3	117.1	117.1	6.2	0
Chemical and fertilizer mineral mining .....	147		12/84	103.4	105.7	106.1	6.8	.4
Barite .....	1472		12/84	78.9	78.9	78.9	-1	0
Primary products .....		1472-P	12/84	78.9	78.9	78.9	-1	0
Prepared barite .....		1472-201	12/84	74.2	74.2	74.2	-1	0
Potash, soda, and borate minerals .....	1474		12/84	112.9	114.8	115.6	6.2	.7
Primary products .....		1474-P	12/84	112.8	114.7	115.4	6.2	.6
Processed or refined potassium salts .....		1474-201	12/84	114.9	116.3	116.7	4.5	.3
Natural sodium carbonates .....		1474-301	12/84	118.8	120.3	121.7	9.1	1.2
Phosphate rock .....	1475		12/82	83.4	87.4	88.9	8.3	1.7
Primary products .....		1475-P	12/82	83.7	87.6	89.1	8.3	1.7
Processed phosphate rock .....		1475-2	12/82	82.8	86.7	88.1	8.2	1.6
Washed or concentrated phosphate rock .....		1475-201	12/82	74.6	80.4	80.4	8.6	0
Dried phosphate rock .....		1475-206	12/82	87.5	( <sup>3</sup> )	91.8	7.1	( <sup>3</sup> )
66% and up to but not including 70% BPL .....		1475-20602	12/82	77.0	( <sup>3</sup> )	81.3	5.7	( <sup>3</sup> )
Rock salt .....	1476		12/84	110.7	112.5	104.9	1.6	-6.8
Primary products .....		1476-P	12/84	111.0	113.3	105.3	1.5	-7.1
Rock salt .....		1476-101	12/84	111.0	113.3	105.3	1.5	-7.1
Southern region rock salt .....		1476-10101	12/84	114.0	117.2	110.4	-5	-5.8
Northern region rock salt .....		1476-10102	12/84	104.2	106.0	94.4	2.5	-10.9

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Sulfur .....	1477		12/84	96.5	96.5	96.5	10.9	0
Primary products .....		1477-P	12/84	96.5	96.5	96.5	10.9	0
Frasch process sulfur .....		1477-101	12/84	96.5	96.5	96.5	10.9	0
Non-metallic minerals (except fuels) services .....	1481		06/85	103.0	102.4	102.5	.5	.1
Primary products .....		1481-P	06/85	102.5	101.9	102.0	.6	.1
Drilling .....		1481-803	06/85	( <sup>3</sup> )	104.6	104.6	( <sup>3</sup> )	0
Other drilling including blasting .....		1481-80302	06/85	( <sup>3</sup> )	104.6	104.6	( <sup>3</sup> )	0
Open-pit or quarry mining for others .....		1481-804	06/85	83.6	81.3	81.6	-.7	.4
Miscellaneous nonmetallic minerals, except fuels .....	149		12/84	113.8	114.0	114.2	1.4	.2
Gypsum mining .....	1492		12/84	101.8	101.8	101.8	1.4	0
Primary products .....		1492-P	12/84	101.8	101.8	101.8	1.4	0
Crushed, ground, screened, or dried gypsum .....		1492-201	12/84	101.7	101.7	101.7	1.4	0
Talc, soapstone, and pyrophyllite .....	1496		06/85	103.6	105.4	105.2	1.7	-.2
Primary products .....		1496-P	06/85	103.6	105.4	105.2	1.7	-.2
Miscellaneous nonmetallic minerals .....	1499		06/85	107.3	107.2	107.4	1.2	.2
Primary products .....		1499-P	06/85	107.1	107.0	107.3	1.3	.3
Native asphalt & bitumens .....		1499-201	06/85	96.7	96.4	96.4	( <sup>3</sup> )	0
Peat .....		1499-501	06/85	109.2	108.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other nonmetallic minerals, n.e.c. ....		1499-988	06/85	114.0	114.3	116.0	5.8	1.5
Secondary products and miscellaneous receipts .....		1499-SM						
Secondary products .....		1499-S	06/85	109.1	109.1	109.1	2.3	0
<b>Total manufacturing industries .....</b>			12/84	107.5	109.5	110.1	5.9	.5
Food and kindred products .....	20		12/84	111.2	112.1	112.5	6.4	.4
Meat products .....	201		12/84	108.0	111.0	111.9	7.5	.8
Meat packing plants .....	2011		12/80	106.9	108.7	108.8	4.4	.1
Primary products .....		2011-P	12/80	106.8	108.5	108.6	4.8	.1
Miscellaneous byproducts of meatpacking plants, except sausage casings .....		2011-C	12/80	111.7	110.0	107.1	24.5	-2.6
Edible tallow and stearin .....		2011-C41	12/80	91.7	87.2	84.7	( <sup>3</sup> )	-2.9
Beef, not canned or made into sausage .....		2011-1	12/80	106.1	111.0	110.3	8.6	-.6
Whole carcass beef .....		2011-112	12/80	111.2	117.1	115.9	10.2	-1.0
USDA choice beef carcasses .....		2011-11202	12/80	108.8	114.9	114.6	10.2	-.3
Other USDA graded and ungraded beef carcasses .....		2011-11205	12/88	104.4	109.2	107.0	( <sup>3</sup> )	-2.0
Primal and fabricated beef cuts .....		2011-117	12/80	98.3	102.7	103.1	9.6	.4
Boneless beef, including hamburger .....		2011-131	12/80	93.1	98.5	96.0	2.7	-2.5
Variety meats (edible organs) .....		2011-151	12/80	72.9	58.3	56.4	-30.1	.2
Pork, fresh and frozen .....		2011-4	12/80	101.2	94.5	97.9	-.4	3.6
Whole carcass pork .....		2011-412	12/88	118.7	100.4	106.9	( <sup>3</sup> )	6.5
Primal and fabricated cuts (incl trimmings) .....		2011-417	12/80	97.5	92.0	94.8	-.9	3.0
Variety meats (fresh edible organs) .....		2011-451	12/80	83.8	73.1	81.0	21.6	10.8
Lard .....		2011-5	12/80	100.4	96.3	101.9	4.7	5.8
Lard, commercial sizes (over 3 lbs.) .....		2011-517	12/80	98.5	94.5	100.0	4.5	5.8
Pork, processed or cured (not canned or made into sausage) .....		2011-6	12/80	97.6	88.0	88.1	-5.3	.1
Hams and picnics, except canned .....		2011-631	12/80	99.0	87.5	88.3	-1.7	.9
Sliced bacon .....		2011-641	12/80	98.8	90.5	88.4	-10.4	-2.3
Sausage and similar products (not canned) .....		2011-7	12/80	108.3	108.7	109.1	1.3	.4
Fresh sausage .....		2011-711	12/80	119.6	117.0	117.2	2.9	.2
Frankfurters or wieners .....		2011-721	12/80	109.2	113.1	112.2	5.5	-.8
Other sausage, smoked or cooked .....		2011-735	12/80	103.3	103.1	104.7	-2.0	1.6
Hides, skins, and pelts .....		2011-9	12/80	157.4	193.3	180.7	-11.5	-6.5
Cattle hides, except kip .....		2011-912	12/80	159.1	195.5	182.6	-11.7	-6.6
Other hides, skins, and pelts, except kip .....		2011-997	12/80	82.2	88.4	88.4	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		2011-SM						
Miscellaneous receipts .....		2011-M	12/80	99.2	98.7	100.1	.1	1.4
Resales .....		2011-Z89	12/80	98.8	98.3	99.7	0	1.4
Secondary products .....		2011-S	12/80	78.2	77.6	76.2	-9.6	-1.8
Sausages and other prepared meats .....	2013		12/82	100.5	100.6	99.9	.5	-.7
Primary products .....		2013-P	12/82	98.2	98.0	97.2	-1.1	-.8
Portion control and miscellaneous processed, frozen, or cooked meats .....		2013-B	12/82	112.0	114.9	114.6	3.8	-.3
Frozen ground meat patties .....		2013-B11	12/88	101.1	104.8	103.1	( <sup>3</sup> )	-1.6
Frozen portion control other than ground meat patties .....		2013-B13	12/88	100.0	102.1	102.4	( <sup>3</sup> )	.3
Miscellaneous processed, frozen, or cooked meats .....		2013-B19	12/88	103.1	105.2	105.8	( <sup>3</sup> )	.6
Pork, processed or cured, including frozen (not canned or made into sausage) .....		2013-6	12/82	76.2	71.6	69.5	-10.0	-2.9
Hams and picnics, except canned .....		2013-631	12/82	86.2	79.1	78.0	-6.6	-1.4
Sliced bacon .....		2013-641	12/82	62.5	58.5	56.6	-18.3	-3.2
Other smoked pork .....		2013-652	12/88	99.5	97.3	96.8	( <sup>3</sup> )	-.5
Boiled ham, barbecued pork, and other cooked pork, except canned meats and sausage .....		2013-661	12/82	83.4	81.4	73.2	1.5	-10.1
Sausages and similar products (not canned) .....		2013-7	12/82	104.1	105.5	105.3	.8	-.2

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Sausages and other prepared meats—Continued</b>								
Fresh sausage, pork sausage, breakfast links, etc. ....		2013-711	12/82	100.0	105.3	104.6	0.7	-0.7
Dry and semidry sausage (salami, cervelat, summer sausage, pepperoni, pork roll, etc.) .....		2013-717	12/82	105.9	106.3	106.2	1.0	-.1
Frankfurters and wieners .....		2013-721	12/82	102.4	102.7	102.7	-.8	0
Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, luncheon meats, etc.) .....		2013-735	12/82	106.6	107.1	107.0	1.7	-.1
Canned meats (except dog and cat food) containing 20-percent or more meat .....		2013-8	12/82	100.6	100.4	100.2	-.3	-.2
Other canned meats .....		2013-898	12/82	104.1	104.1	103.9	-.6	-.2
Secondary products and miscellaneous receipts .....		2013-SM						
Miscellaneous receipts .....		2013-M	12/82	109.5	111.3	111.0	8.4	-.3
Resales .....		2013-Z89	12/82	109.2	110.7	110.5	7.9	-.2
Secondary products .....		2013-S	12/82	115.9	116.1	114.2	2.9	-1.6
<b>Poultry dressing, poultry and egg processing</b>								
2018			12/81	120.5	129.8	137.2	27.3	5.7
Primary products .....		2018-P	12/81	120.9	130.7	138.2	27.4	5.7
Young chicken .....		2018-1	12/81	125.9	134.3	145.7	25.3	8.5
Bulk broilers/wet ice pack .....		2018-133	12/81	127.5	136.5	148.2	25.3	8.6
Grade A bulk whole broilers/wet ice pack .....		2018-13301	12/81	130.2	138.2	153.2	29.4	10.9
Other wet ice bulk broilers, including parts .....		2018-13398	12/81	123.4	134.1	140.8	19.1	5.0
Tray pack broilers .....		2018-136	12/81	118.4	126.5	137.6	27.8	8.8
Other broilers including frozen .....		2018-139	12/81	127.2	132.7	140.4	17.2	5.8
Turkeys .....		2018-3	12/81	108.1	126.9	127.4	39.7	.4
Young turkeys .....		2018-323	12/81	109.2	127.5	129.4	39.7	1.5
Hens, whole, Grade A frozen .....		2018-32301	12/81	105.6	123.1	126.7	47.2	2.9
Toms, whole, Grade A frozen .....		2018-32302	12/81	99.7	123.3	126.7	47.0	2.8
Other young turkey .....		2018-32398	12/81	122.0	136.4	134.7	27.4	-1.2
Processed poultry and small game .....		2018-5	12/81	122.9	128.3	129.3	15.1	.8
Turkey, cooked or smoked .....		2018-521	12/81	122.4	128.9	128.1	15.1	-.6
Chicken, cooked or smoked .....		2018-523	12/81	118.7	123.2	126.9	15.8	3.0
Liquid, dried and frozen eggs .....		2018-9	12/81	95.0	111.6	115.2	64.6	3.2
Dried whole eggs .....		2018-915	12/81	87.5	97.8	94.4	46.8	-3.5
Frozen or liquid whole eggs .....		2018-955	12/81	86.9	103.7	100.2	44.6	-3.4
Secondary products and miscellaneous receipts .....		2018-SM						
Miscellaneous receipts .....		2018-M	12/81	92.9	91.9	92.9	52.0	1.1
Secondary products .....		2018-S	12/81	114.9	112.6	112.8	.2	.2
<b>Dairy products</b>								
202			12/84	105.8	104.7	104.9	6.5	.2
<b>Creamery butter</b>								
2021			06/84	89.7	88.6	89.1	1.4	.6
Primary products .....		2021-P	06/84	88.9	88.4	88.3	-.5	-.1
Creamery butter .....		2021-1	06/84	88.9	88.4	88.3	-.5	-.1
Bulk butter (> 3 lbs.) .....		2021-113	06/84	87.8	87.0	87.0	-.8	0
Butter, consumer packages (< 3 lbs.) .....		2021-115	06/84	90.7	90.5	90.3	.1	-.2
Secondary products and miscellaneous receipts .....		2021-SM						
Secondary products .....		2021-S	06/84	92.2	89.0	91.5	7.6	2.8
Condensed and evaporated milk .....		2023-S	06/84	88.1	84.3	87.6	8.0	3.9
<b>Natural and processed cheese</b>								
2022			06/81	104.7	100.3	100.9	6.5	.6
Primary products .....		2022-P	06/81	104.3	99.1	99.9	6.1	.8
Natural cheese, except cottage cheese .....		2022-1	06/81	101.9	95.5	96.5	4.7	1.0
American-type cheese .....		2022-102	06/81	99.6	92.4	94.1	5.4	1.8
Cheddar cheese .....		2022-10201	06/81	101.0	93.1	94.7	5.0	1.7
Other American-type cheese .....		2022-10211	06/81	95.4	90.7	92.5	6.9	2.0
Italian-type cheese .....		2022-103	06/81	106.0	98.7	98.7	3.1	0
Mozzarella cheese .....		2022-10301	06/81	108.4	99.7	100.0	3.5	.3
Other Italian-type cheese .....		2022-10311	06/81	102.3	97.2	96.9	2.8	-.3
Swiss cheese .....		2022-105	06/81	100.8	100.3	100.2	5.6	-.1
Cream and neufchatel cheese .....		2022-107	06/81	122.0	121.8	121.8	( <sup>3</sup> )	0
Other natural cheese, except cottage .....		2022-111	06/81	100.0	92.9	93.3	4.7	.4
Processed cheese and related products .....		2022-2	06/81	106.3	102.9	103.5	7.1	.6
Processed cheese .....		2022-211	06/81	98.9	97.2	97.6	8.9	.4
Cheese food .....		2022-213	06/81	121.0	113.8	111.3	3.1	-2.2
Cheese spread .....		2022-215	06/81	116.0	109.6	116.9	3.0	6.7
Other related processed cheese products .....		2022-219	06/81	109.8	109.1	109.3	( <sup>3</sup> )	.2
Secondary products and miscellaneous receipts .....		2022-SM						
Miscellaneous receipts .....		2022-M	06/81	109.1	102.3	101.5	7.4	-.8
Resales .....		2022-Z89	06/81	109.4	102.6	101.8	7.5	-.8
Secondary products .....		2022-S	06/81	92.1	92.3	92.6	6.2	.3
Other secondary products .....		2022-SSS	06/81	128.6	129.3	129.3	9.0	0
Condensed and evaporated milk .....		2023-S	06/81	68.4	73.4	75.3	( <sup>3</sup> )	2.6
Fluid milk .....		2026-S	06/81	95.7	94.0	93.8	-.2	-.2
<b>Condensed and evaporated milk</b>								
2023			12/83	108.7	108.2	108.9	6.6	.6
Primary products .....		2023-P	12/83	110.9	111.2	112.2	6.9	.9
Dry milk products .....		2023-1	12/83	106.3	104.2	105.9	5.5	1.6
Other dry milk products, consumer-type packages (3 lbs. or less) .....		2023-129	02/84	129.8	136.1	144.6	10.0	6.2
Dry whey, bulk packaging (more than 3 lbs.) .....		2023-139	12/83	116.7	128.9	132.5	1.4	2.8
Dry whole milk, bulk packaging (more than 3 lbs.) .....		2023-142	12/83	106.6	97.6	98.2	6.2	.6

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Condensed and evaporated milk—Continued</b>								
Nonfat dry milk, bulk packaging (more than 3 lbs.) .....		2023-143	12/83	94.2	88.5	89.0	9.6	0.6
Other food-grade dry milk products, bulk packaging (more than 3 lbs.) .....		2023-146	12/83	109.9	109.5	110.5	4.9	.9
Feed-grade dry milk products, bulk packaging (more than 3 lbs.) .....		2023-151	12/83	104.0	106.4	104.4	1.9	-1.9
Canned milk products, consumer-type can .....		2023-2	12/83	121.9	128.0	128.0	8.5	0
Evaporated milk, consumer-type can .....		2023-212	12/83	110.7	110.7	110.7	9.1	0
Condensed and evaporated milk products, shipped in bulk (barrels, drums and tanks) .....		2023-3	12/83	105.7	99.0	99.0	12.4	0
All other food-grade concentrated milk products, except ice cream mixes, shipped in bulk .....		2023-318	12/83	105.7	99.0	99.0	12.4	0
Secondary products and miscellaneous receipts .....		2023-SM						
Secondary products .....		2023-S	12/83	96.8	98.2	98.1	4.5	-1
Creamery butter .....		2021-S	12/83	94.4	94.3	94.2	0	-1
Other secondary products .....		2023-SSS	12/83	128.5	130.6	130.5	8.8	-1
Fluid milk and related products .....		2026-S	12/83	89.6	91.9	91.9	6.4	0
<b>Ice cream and frozen desserts .....</b>								
Primary products .....	2024	2024-P	06/83	113.4	114.3	114.6	6.4	.3
Ice cream and ices .....		2024-1	06/83	111.7	112.8	113.1	4.4	.3
Bulk ice cream and custard (3 gallons or more) .....		2024-114	06/83	105.1	105.2	108.4	7.1	3.0
Bulk vanilla ice cream and custard (3 gallons or more) .....		2024-11401	06/83	115.9	115.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other bulk ice cream and custard (3 gallons or more) .....		2024-11498	06/83	99.5	99.7	102.3	3.4	2.6
Consumer-size ice cream and custard (16 oz. to less than 3 gallons) ..		2024-115	06/83	112.6	113.8	113.3	3.9	-4
Vanilla ice cream and custard in consumer size (16 oz. to less than 3 gallons) .....		2024-11501	06/83	112.6	115.0	113.7	2.2	-1.1
Other consumer-size ice cream and custard (16 oz. to less than 3 gallons) .....		2024-11598	06/83	112.6	113.2	113.1	4.9	-1
Novelty forms of frozen desserts (any frozen dairy-type dessert less than 16 ounces) .....		2024-116	06/83	118.5	118.7	118.7	3.5	0
Water ices (16 oz. size or larger) .....		2024-151	06/83	113.6	113.6	113.6	-3.5	0
Consumer-size ice milk (16 oz. to less than 3 gallons) .....		2024-184	06/83	103.9	109.8	109.8	9.6	0
Consumer-size sherbet (16 oz. to less than 3 gallons) .....		2024-196	06/83	104.1	( <sup>3</sup> )	104.8	1.4	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2024-SM						
Secondary products .....		2024-S	06/83	120.8	120.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other secondary products .....		2024-SSS	06/83	120.8	120.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Fluid milk .....</b>								
Primary products .....	2026	2026-P	12/82	110.4	110.5	110.3	5.4	-2
Packaged fluid milk and related products .....		2026-2	12/82	107.4	107.7	107.4	6.1	-3
Fluid whole milk, packaged .....		2026-212	12/82	110.1	109.7	109.3	5.7	-4
Fluid whole milk, packaged, Northeast region .....		2026-21200 G01	12/82	109.7	109.2	108.7	5.6	-5
Fluid whole milk, packaged, North Central region .....		2026-21200 G02	12/82	112.9	110.7	110.2	8.3	-5
Fluid whole milk, packaged, Southern region .....		2026-21200 G03	12/82	106.7	104.2	103.5	5.4	-7
Fluid whole milk, packaged, Western region .....		2026-21200 G04	12/82	113.4	113.7	112.9	5.0	-7
Lowfat milk, 0.5 - 2.0% butterfat, packaged .....		2026-223	12/82	105.0	107.5	108.0	4.8	.5
Skim milk, packaged .....		2026-225	12/82	109.9	109.6	109.1	7.3	-5
Cream, heavy, with more than 30% butterfat (whipping cream) .....		2026-225	12/82	116.7	116.6	116.7	5.0	.1
Sour cream and related products .....		2026-232	12/82	103.4	103.6	103.6	1.4	0
Half and half and related products .....		2026-245	12/82	110.4	109.8	109.8	1.8	0
Cottage cheese (including farmers' cheese, pot cheese and bakers' cheese) .....		2026-252	12/82	108.7	109.6	109.6	1.1	0
Cottage cheese, manufactured and creamed at the establishment .....		2026-3	12/82	114.9	114.3	114.4	7.3	.1
Buttermilk, chocolate drinks and other flavored milk products .....		2026-313	12/82	114.9	114.3	114.4	7.3	.1
Yogurt .....		2026-4	12/82	111.1	112.2	112.7	4.5	.4
Buttermilk and related products .....		2026-432	12/82	108.9	113.2	115.5	1.7	2.0
Flavored milk drinks (chocolate milk, chocolate drink) .....		2026-434	12/82	111.6	113.2	113.0	7.8	-2
Secondary products and miscellaneous receipts .....		2026-435	12/82	111.9	111.3	111.2	4.8	-1
Miscellaneous receipts .....		2026-SM						
Resales .....		2026-M	12/82	115.8	116.7	116.6	3.7	-1
Secondary products .....		2026-289	12/82	115.8	116.7	116.6	3.7	-1
Creamery butter .....		2026-S	12/82	111.0	112.1	111.9	4.6	-2
Cheese .....		2021-S	12/82	92.5	91.9	91.9	1.1	0
Condensed and evaporated milk .....		2022-S	12/82	102.4	95.7	95.7	1.6	0
Ice cream and frozen desserts .....		2023-S	12/82	103.7	107.4	107.4	8.8	0
Other secondary products .....		2024-S	12/82	114.9	115.9	115.5	4.2	-3
		2026-SSS	12/82	130.0	130.0	130.0	1.6	0
<b>Canned and preserved fruits and vegetables .....</b>								
	203		12/84	113.3	113.6	114.5	6.3	.8
<b>Canned specialties .....</b>								
Primary products .....	2032	2032-P	12/82	124.9	128.7	129.7	6.9	.8
Canned soups, except frozen or seafood .....		2032-2	12/82	125.8	130.5	132.1	7.3	1.2
Canned dry beans .....		2032-3	12/82	130.9	139.4	143.9	10.1	3.2
Beans with pork (13.1 oz to 18 oz) .....		2032-373	12/82	122.3	123.8	123.8	8.7	0
Other canned dry beans, including chili con carne (13.1 oz to 18 oz) ..		2032-386	12/82	136.2	138.9	138.9	10.1	0
Other canned dry beans, including chili con carne (other sizes) .....		2032-391	12/82	115.9	115.9	116.0	12.7	.1
Canned specialty foods .....		2032-4	12/82	106.0	108.7	108.7	7.0	0
Spanish foods (Mexican rice, tortillas, enchiladas) .....		2032-493	12/82	110.6	112.6	111.4	0	-1.1
Other canned specialties, including canned puddings (other than canned meats) .....		2032-498	12/82	124.5	127.1	124.6	0	-2.0
Secondary products and miscellaneous receipts .....		2032-SM	12/82	113.0	114.0	112.5	.3	-1.3

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Canned specialties—Continued</b>								
Secondary products .....		2032-S	12/82	119.5	121.1	121.0	7.0	-0.1
Other secondary products .....		2032-SSS	12/82	114.2	115.4	115.2	1.6	-2
Canned fruits and vegetables .....		2033-SSS	12/82	124.3	126.4	126.4	12.0	0
<b>Canned fruits and vegetables</b>								
.....	2033		06/81	128.3	128.5	129.2	9.3	.5
Primary products .....		2033-P	06/81	127.7	127.8	128.4	9.5	.5
Canned fruits, except baby food .....		2033-1	06/81	126.5	127.0	126.8	4.5	-2
Apples .....		2033-112	06/81	112.6	113.5	113.5	8.1	0
Cherries, red pitted .....		2033-122	12/87	103.4	100.9	105.9	5.9	5.0
Cherries, sweet .....		2033-124	12/81	117.0	117.0	117.0	2.4	0
Fruit pie mixes .....		2033-162	06/81	115.8	115.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Apple pie mix .....		2033-16261	12/87	107.2	111.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Cherry pie mix .....		2033-16263	12/87	115.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Applesauce .....		2033-171	06/81	124.0	126.9	125.6	8.7	-1.0
Olives, ripe and green ripe .....		2033-173	06/81	119.8	120.3	119.2	-6.1	-9
Peaches, including spiced .....		2033-174	06/81	144.9	145.2	145.2	5.8	0
Pears, including spiced .....		2033-175	06/81	126.8	126.8	126.8	6.6	0
Canned vegetables, except hominy and mushrooms .....		2033-2	06/81	126.5	127.0	127.5	19.2	.4
Fresh lima beans .....		2033-203	06/81	124.1	131.2	138.3	27.8	5.4
Beans, green and wax (including blue lake) .....		2033-207	06/81	140.1	135.6	135.5	22.2	-1
Beans, green and wax (excluding blue lake) .....		2033-20792	12/87	126.8	127.4	127.3	26.8	-1
Carrots .....		2033-215	06/81	142.5	142.2	142.8	35.5	.4
Vegetable combinations .....		2033-235	06/81	125.4	126.0	126.0	10.1	0
Spinach .....		2033-255	06/81	118.7	121.5	114.3	-3.1	-5.9
Other leafy greens .....		2033-258	12/87	100.0	101.5	96.4	-3.6	-5.0
White potatoes .....		2033-275	06/81	154.7	152.6	151.3	16.2	-9
Sauerkraut .....		2033-276	06/81	139.1	148.4	149.9	15.8	1.0
Asparagus .....		2033-291	12/87	100.0	99.6	99.6	-4	0
Beets .....		2033-293	06/81	135.7	( <sup>3</sup> )	134.0	( <sup>3</sup> )	( <sup>3</sup> )
Sweet corn, whole kernel .....		2033-294	06/81	109.1	109.1	110.0	26.4	.8
Sweet corn, cream style .....		2033-295	08/81	112.1	114.0	112.5	24.7	-1.3
Green peas .....		2033-296	06/81	132.0	131.8	131.8	28.7	0
Tomatoes .....		2033-297	06/81	142.0	147.3	147.2	21.2	-1
Other canned vegetables .....		2033-299	12/87	100.8	101.0	100.4	.2	-6
Canned hominy and mushrooms .....		2033-3	06/81	118.1	123.1	123.1	21.2	0
Mushrooms .....		2033-321	06/81	117.0	122.0	121.9	21.1	-1
Canned fruit juices, nectars, and concentrates .....		2033-4	06/81	132.7	131.2	131.6	-1	.3
Apple juice .....		2033-411	06/81	121.0	121.4	121.4	3.1	0
Grape juice .....		2033-425	06/81	118.2	119.9	119.9	1.4	0
Pineapple juice .....		2033-428	06/81	130.9	130.9	131.5	( <sup>3</sup> )	.5
Grapefruit juice .....		2033-431	06/81	132.9	132.4	131.8	-1.7	-5
Other whole fruit juices and mixtures of whole fruit juices .....		2033-472	06/81	122.5	123.9	123.9	2.8	0
Orange juice, single strength .....		2033-492	06/81	145.1	141.3	142.6	-1.2	.9
Canned vegetable juices .....		2033-5	06/81	138.6	145.6	145.7	12.4	.1
Tomato juice .....		2033-515	06/81	142.6	148.4	148.4	14.5	0
Catsup and other tomato sauces, etc. ....		2033-6	06/81	127.7	127.6	127.9	12.9	.2
Tomato sauces .....		2033-614	06/81	129.5	132.3	130.8	5.4	-1.1
Tomato sauces, 7.1- 10 oz. size .....		2033-61413	12/87	108.0	113.7	108.0	5.3	-5.0
Tomato sauces, other sizes .....		2033-61419	12/87	104.1	105.4	105.4	5.4	0
Catsup .....		2033-621	06/81	136.8	128.6	128.6	12.1	0
Catsup, 14- 32 oz. size .....		2033-62122	12/87	118.5	100.8	100.8	.8	0
Catsup, all other sizes .....		2033-62123	12/87	111.8	126.5	126.5	( <sup>3</sup> )	0
Tomato paste .....		2033-662	06/81	116.8	120.3	122.5	22.4	1.8
Tomato paste, all other sizes (incl. bulk) .....		2033-66264	12/87	116.4	120.3	122.8	25.6	2.1
Tomato pulp and puree .....		2033-691	06/81	127.8	129.7	133.3	( <sup>3</sup> )	2.8
Jams, jellies and preserves .....		2033-8	06/81	120.9	120.0	125.8	5.2	4.8
Strawberry jams and preserves .....		2033-811	06/81	122.6	118.9	126.8	5.6	6.6
Other jams and preserves .....		2033-815	06/81	118.6	118.6	119.7	2.7	.9
Grape jelly .....		2033-821	06/81	102.4	101.4	112.6	5.7	11.0
Other jellies .....		2033-825	06/81	139.3	139.3	145.7	8.2	4.6
<b>Secondary products and miscellaneous receipts</b>								
Miscellaneous receipts .....		2033-SM						
Resales .....		2033-M	06/81	81.6	81.5	87.3	.8	7.1
.....		2033-Z89	06/81	80.6	80.5	86.3	.8	7.2
Secondary products .....		2033-S	06/81	139.7	141.7	142.1	11.0	.3
Canned specialties .....		2032-S	06/81	125.3	127.6	124.3	6.8	-2.6
Other secondary products .....		2033-SSS	06/81	119.3	119.1	120.4	2.8	1.1
Frozen fruits and vegetables .....		2037-S	06/81	177.1	182.2	183.7	22.0	.8
<b>Dried and dehydrated fruits, vegetables and soups</b>								
.....	2034		12/82	120.0	124.9	127.2	14.4	1.8
Primary products .....		2034-P	12/82	120.3	125.2	127.7	15.6	2.0
Dried fruits and vegetables .....		2034-X	12/82	120.6	126.7	129.9	18.7	2.5
Dried fruits .....		2034-1	12/82	98.2	100.9	99.9	4.0	-1.0
Raisins .....		2034-113	12/82	89.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Prunes .....		2034-115	12/82	111.5	115.1	114.1	4.0	-9
Other fruits .....		2034-123	12/82	107.3	114.5	111.7	7.1	-2.4
Dried vegetables .....		2034-2	12/82	140.7	150.1	157.1	29.4	4.7
Potatoes (including flakes, granules, etc.) .....		2034-213	12/82	175.9	191.0	203.7	41.6	6.6
Onions .....		2034-237	12/82	87.4	( <sup>3</sup> )	89.8	2.5	( <sup>3</sup> )
Other vegetables .....		2034-241	12/82	96.3	( <sup>3</sup> )	95.3	2.5	( <sup>3</sup> )

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Dried and dehydrated fruits, vegetables and soups—Continued</b>								
Dried soups .....		2034-3	12/82	119.1	119.1	119.1	3.8	0
Dried soups .....		2034-311	12/82	119.1	119.1	119.1	3.8	0
Secondary products and miscellaneous receipts .....		2034-SM						
Secondary products .....		2034-S	12/82	119.4	119.4	119.4	1.4	0
<b>Pickles, sauces and salad dressings .....</b>								
Pickles, sauces and salad dressings .....	2035		06/81	131.8	132.4	132.2	7.4	-2
Primary products .....		2035-P	06/81	133.4	134.0	133.1	6.1	-7
Pickles and other pickled products .....		2035-2	06/81	136.8	137.8	135.0	3.7	-2.0
Fermented pickles .....		2035-212	12/86	113.6	113.4	114.6	4.8	1.1
Dill pickles .....		2035-21211	06/81	133.1	133.9	135.9	4.4	1.5
Sweet pickles .....		2035-21215	06/81	143.8	140.5	140.8	5.9	.2
Other finished pickled products .....		2035-233	06/81	149.4	155.0	136.2	-9	-12.1
Meat sauces .....		2035-3	06/81	146.9	148.9	146.9	13.7	-1.3
Prepared mustard .....		2035-311	06/81	140.5	146.2	140.5	14.0	-3.9
Other sauces .....		2035-351	06/81	150.3	150.3	150.3	13.5	0
Mayonnaise, salad dressings and sandwich spreads .....		2035-4	06/81	129.1	129.3	129.6	6.2	.2
Salad dressing .....		2035-411	06/81	131.8	131.7	131.7	3.8	0
Mayonnaise .....		2035-423	06/81	130.9	131.5	131.5	9.5	0
Secondary products and miscellaneous receipts .....		2035-SM						
Secondary products .....		2035-S	06/81	128.1	128.6	129.7	8.6	.9
Canned fruits and vegetables .....		2033-S	10/83	113.9	116.6	115.1	4.0	-1.3
Other secondary products .....		2035-SSS	06/81	130.1	130.4	131.6	9.2	.9
<b>Frozen fruits and vegetables .....</b>								
Frozen fruits and vegetables .....	2037		06/81	129.3	124.6	125.8	-4	1.0
Primary production .....		2037-P	06/81	123.0	121.1	122.2	.7	.9
Frozen fruits, juices and ades .....		2037-1	06/81	121.0	113.7	116.4	-7.7	2.4
Frozen blueberries .....		2037-163	06/81	135.2	145.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Frozen orange juice .....		2037-179	06/81	127.0	116.7	121.6	-8.0	4.2
Frozen orange juice, over one gallon .....		2037-17901	06/81	134.8	119.0	125.7	-9.4	5.6
Frozen orange juice, 10.1 to 13 oz .....		2037-17903	06/81	121.3	119.0	119.0	-9.1	0
Frozen grapefruit juice .....		2037-183	07/81	132.5	133.8	133.8	-10.7	0
Frozen grapefruit juice, 4.1 to 7 oz .....		2037-18301	07/81	116.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Frozen grapefruit juice, all other sizes .....		2037-18302	07/81	135.2	136.2	136.2	-11.3	0
Frozen lemonade .....		2037-189	06/81	118.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Frozen lemonade, 10.1 to 13 oz .....		2037-18902	06/81	120.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Frozen grape juice .....		2037-191	06/81	108.7	107.9	112.8	.3	4.5
Frozen grape juice, 10.1 to 13 oz .....		2037-19102	06/81	110.8	110.0	115.0	.3	4.5
Other frozen fruit and berry juice, concentrated .....		2037-195	06/81	114.4	107.7	106.9	-9.6	-7
Citrus pulp .....		2037-197	06/81	88.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Frozen vegetables .....		2037-2	06/81	124.6	126.8	126.8	7.9	0
Frozen green beans .....		2037-213	06/81	135.9	138.4	138.4	21.5	0
Frozen broccoli .....		2037-225	06/81	( <sup>3</sup> )	113.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Frozen brussels sprouts .....		2037-231	06/81	110.3	110.3	110.3	4.0	0
Frozen carrots .....		2037-233	06/81	132.9	133.1	135.9	10.6	2.1
Frozen cauliflower .....		2037-235	06/81	108.4	110.8	110.8	8.7	0
Frozen green peas .....		2037-241	06/81	( <sup>3</sup> )	154.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Frozen succotash .....		2037-243	06/81	117.0	124.7	123.9	17.0	-6
Other frozen combinations .....		2037-246	06/81	102.8	104.5	104.5	.5	0
Frozen french fried potatoes .....		2037-248	06/81	127.4	130.1	129.1	4.8	-8
Frozen french fried potatoes, two lbs. and under .....		2037-24801	06/81	114.0	110.2	102.0	-10.5	-7.4
Frozen french fried potatoes, over two lbs. .....		2037-24802	06/81	130.2	134.2	134.6	7.6	.3
Other frozen potato products .....		2037-249	06/81	108.5	107.8	110.2	10.1	2.2
Frozen sweet cut corn, yellow .....		2037-253	06/81	129.9	141.4	140.5	31.3	-6
Frozen sweet cob corn, yellow .....		2037-255	06/81	127.9	130.4	131.1	13.5	.5
Other frozen vegetables .....		2037-298	06/81	124.7	125.8	125.4	2.6	-3
Secondary products and miscellaneous receipts .....		2037-SM						
Miscellaneous receipts .....		2037-M	06/81	228.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		2037-S	06/81	113.4	109.9	111.5	-1	1.5
Canned fruits and vegetables .....		2033-S	06/81	120.9	115.7	119.9	2.1	3.6
All other secondary products .....		2037-SSS	06/81	110.0	110.4	109.6	.1	-7
<b>Frozen specialties .....</b>								
Frozen specialties .....	2038		12/82	121.4	121.6	123.1	4.3	1.2
Primary products .....		2038-P	12/82	124.1	124.5	126.3	4.4	1.4
Frozen pies and other baked goods .....		2038-1	12/82	126.1	130.0	130.2	5.2	.2
Frozen pies .....		2038-111	12/82	127.6	135.2	134.8	7.4	-3
Sweet yeast goods incl. yeast raised donuts, sweet rolls, etc. ....		2038-113	12/82	123.6	125.7	125.7	2.0	0
Soft cakes(pounds,layers,sheet, fruit,cheese,etc.) .....		2038-114	12/82	121.1	120.9	120.9	1.1	0
Other frozen baked goods(waffles, cookies,pastries,etc.)excl. bread and rolls .....		2038-118	12/82	129.5	129.4	131.4	5.8	1.5
Frozen dinners,beef,pork,poultry pies and nationality foods .....		2038-2	12/82	128.9	126.5	130.5	4.3	3.2
Frozen dinners .....		2038-225	12/82	154.7	148.9	155.0	3.1	4.1
Frozen pizza .....		2038-243	12/82	105.3	106.8	106.3	2.2	-5
Frozen nationality food .....		2038-245	12/82	115.2	114.3	116.2	1.8	1.7
Other frozen specialties .....		2038-3	12/82	112.8	114.5	114.0	3.4	-4
Frozen entrees .....		2038-313	12/82	114.9	117.5	116.4	1.5	-9
Other frozen specialties .....		2038-318	12/82	110.8	111.5	111.5	5.3	0
Secondary products and miscellaneous receipts .....		2038-SM						
Secondary products .....		2038-S	12/82	124.4	123.5	125.1	2.5	1.3
Other secondary products .....		2038-SSS	12/82	128.0	126.7	129.0	2.3	1.8
Food preparations,n.e.c. ....		2099-SSS	12/82	129.8	129.8	129.8	4.9	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Grain mill products .....	204		12/84	117.8	117.1	117.0	11.0	-0.1
Flour and other grain mill products .....	2041		06/83	112.7	111.4	112.6	20.2	1.1
Primary products .....		2041-P	06/83	112.4	111.0	112.2	20.5	1.1
Wheat flour .....		2041-1	06/83	110.7	109.6	111.8	19.1	2.0
Bakers' and institutional white bread-type flour shipped in bulk .....		2041-111	06/83	109.5	108.9	112.0	21.1	2.8
Bakers' and institutional white bread-type flour shipped in containers .....		2041-113	06/83	107.2	108.3	110.3	19.5	1.8
Bakers' and institutional soft wheat flour shipped in bulk .....		2041-115	06/83	122.5	117.6	123.0	21.3	4.6
Bakers' and institutional soft wheat flour shipped in containers .....		2041-117	06/83	125.9	117.8	122.6	25.6	4.1
Family white flour 25lbs or more (incl all-purpose for domestic donation) .....		2041-123	06/83	119.2	119.9	119.9	14.6	0
Flour shipped for processing into other food products .....		2041-127	06/83	139.0	134.2	138.9	26.8	3.5
Other wheat mill products .....		2041-2	06/83	113.1	109.5	103.7	37.5	-5.3
Wheat mill feed .....		2041-213	06/83	112.1	108.3	102.1	42.0	-5.7
Corn mill products .....		2041-3	06/83	97.5	94.9	96.5	16.0	1.7
Whole cornmeal .....		2041-311	06/83	111.3	111.3	111.3	12.0	0
Corn grits and hominy .....		2041-321	06/83	94.5	90.4	94.2	11.1	4.2
Other corn mill products (for human consumption) .....		2041-395	06/83	105.3	103.5	105.4	7.9	1.8
Blended and prepared flour .....		2041-5	06/83	119.5	119.5	119.8	8.6	.3
Secondary products and miscellaneous receipts .....		2041-SM						
Secondary products .....		2041-S	06/83	127.7	127.7	129.4	4.6	1.3
Cereal breakfast foods .....	2043		12/83	133.5	133.9	133.9	13.2	0
Primary products .....		2043-P	12/83	144.5	145.1	145.1	14.4	0
Ready to serve cereal breakfast foods .....		2043-1	12/83	144.7	145.3	145.3	13.6	0
Corn flakes and other corn breakfast foods .....		2043-111	12/83	146.6	146.6	146.6	14.4	0
Wheat flakes and other wheat breakfast foods .....		2043-112	12/83	140.7	142.8	142.8	13.2	0
Oat breakfast foods .....		2043-115	12/83	144.0	144.1	144.1	11.0	0
Rice breakfast foods .....		2043-117	12/83	142.8	142.8	142.8	11.8	0
Preparations of other grains and mixed grains, incl. baby cereals .....		2043-119	12/83	151.0	151.0	151.0	16.2	0
To be cooked before serving cereal breakfast foods .....		2043-2	12/83	143.3	143.3	143.3	19.4	0
Farina and other wheat foods .....		2043-252	12/83	160.3	160.3	160.3	11.6	0
Rice milling .....	2044		06/84	94.6	94.1	97.3	-9.0	3.4
Primary products .....		2044-P	06/84	94.6	93.2	96.6	-11.1	3.6
Head rice .....		2044-1	06/84	95.8	94.2	97.2	-12.6	3.2
Long grain milled rice .....		2044-101	06/84	96.7	95.5	99.6	-17.2	4.3
Packed in 100-pound bags or more .....		2044-10103	06/84	87.1	87.2	94.0	-22.8	7.8
Packed in 3-pound containers or less .....		2044-10105	06/84	109.3	109.3	109.3	-10.3	0
Packed in all other containers .....		2044-10107	06/84	109.7	104.3	105.3	-8.8	1.0
Medium grain milled rice .....		2044-103	06/84	98.7	100.6	103.6	-9.5	3.0
Packed in 100-pound bags or more .....		2044-10303	06/84	91.8	92.4	99.2	-10.6	7.4
Packed in all other containers .....		2044-10307	06/84	110.3	110.1	110.1	-7.0	0
Other milled rice and byproducts .....		2044-2	06/84	85.7	85.7	92.0	2.6	7.4
All other milled rice and byproducts .....		2044-298	06/84	91.2	91.2	97.9	-5.5	7.3
Blended and prepared flour .....	2045		06/85	104.9	106.0	106.8	3.3	.8
Primary products .....		2045-P	06/85	103.7	104.4	105.6	3.0	1.1
Blended and prepared flour made chiefly from purchased flour .....		2045-5	06/85	103.7	104.4	105.6	3.0	1.1
Flour mixes .....		2045-5A	06/85	103.2	103.2	104.7	2.6	1.5
Cake mixes, less than 5 lbs. ....		2045-553	06/85	107.8	107.8	110.9	6.0	2.9
Cake mixes, 5 lbs or more .....		2045-554	06/85	108.8	( <sup>3</sup> )	108.9	2.9	( <sup>3</sup> )
Cookie, doughnut, other sweet yeast mixtures, less than 5 lbs. ....		2045-561	06/85	99.9	102.9	102.9	6.2	0
Cookie, doughnut, other sweet yeast mixtures, 5 lbs or more .....		2045-562	06/85	99.3	( <sup>3</sup> )	99.3	6.7	( <sup>3</sup> )
Bread and bread-type roll mixes, 5 lbs or more .....		2045-567	06/85	103.1	( <sup>3</sup> )	103.6	5.4	( <sup>3</sup> )
Other prepared flour mixes, less than 5 lbs. ....		2045-568	06/85	109.5	109.5	111.4	1.9	1.7
Other prepared flour mixes, 5 lbs or more .....		2045-569	06/85	80.0	80.0	79.9	-16.9	-1
Refrigerated doughs .....		2045-5B	06/85	105.7	109.1	109.4	4.4	.3
Refrigerated biscuit dough .....		2045-571	06/85	104.9	108.3	108.7	4.4	.4
Other refrigerated doughs .....		2045-579	06/85	107.2	107.2	107.2	2.9	0
Secondary products and miscellaneous receipts .....		2045-SM						
Miscellaneous receipts .....		2045-M	06/85	114.5	( <sup>3</sup> )	116.7	5.0	( <sup>3</sup> )
Resales .....		2045-Z89	06/85	114.5	( <sup>3</sup> )	116.7	5.0	( <sup>3</sup> )
Secondary products .....		2045-S	06/85	114.0	114.1	115.2	6.1	1.0
Other secondary products .....		2045-SSS	06/85	117.7	117.7	119.5	7.9	1.5
Food preparations, n.e.c. ....		2099-S	06/85	108.5	108.6	108.7	3.0	.1
Wet corn milling .....	2046		06/85	106.1	113.6	113.5	18.4	-1
Primary products .....		2046-P	06/85	105.3	113.1	112.6	19.3	-4
Corn sweeteners .....		2046-1	06/85	102.5	117.1	116.2	33.7	-8
Glucose syrup .....		2046-101	06/85	114.1	126.4	126.5	40.7	.1
Type III (58 up to 98 dextrose equivalent) .....		2046-10105	06/85	106.9	126.3	126.5	37.9	.2
High fructose corn syrup .....		2046-105	06/85	91.5	110.5	113.7	44.3	2.9
Manufactured starch .....		2046-3	06/85	105.0	112.3	111.1	20.4	-1.1
Corn starch .....		2046-301	06/85	105.2	113.3	111.9	22.3	-1.2
Other starch (including potato, wheat, rice, etc.) .....		2046-303	06/85	109.5	109.5	109.5	4.8	0
Dextrin (corn, tapioca and other) .....		2046-305	06/85	97.5	101.0	101.8	10.2	.8
Corn oil .....		2046-5	06/85	70.8	72.1	74.6	4.2	3.5
Wet process corn byproducts .....		2046-7	06/85	147.3	140.6	140.3	-2.2	-2

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Wet corn milling—Continued								
Corn gluten feed .....		2046-701	06/85	179.7	170.8	164.1	-2.7	-3.9
Corn gluten meal .....		2046-703	06/85	168.8	172.5	178.0	3.6	3.2
Secondary products and miscellaneous receipts .....		2046-SM						
Secondary products .....		2046-S	06/85	109.8	114.3	117.7	10.5	3.0
Dog, cat, and other pet food .....	2047		12/85	113.7	115.3	113.8	7.2	-1.3
Primary products .....		2047-P	12/85	112.8	114.5	114.6	8.5	.1
Dog and cat food .....		2047-1	12/85	112.5	114.3	114.4	8.5	.1
Dog food .....		2047-1A	12/85	114.5	115.6	115.8	9.1	.2
Other canned dog food .....		2047-123	12/85	106.7	111.6	111.8	7.2	.2
Dry dog food (package size under 25 pounds) .....		2047-125	12/85	119.5	119.1	121.1	12.4	1.7
Dry dog food (package size 25 pounds or over) .....		2047-127	12/85	119.1	120.0	119.2	10.6	-.7
Semimoist dog food (package size over 1 pound) .....		2047-133	12/85	111.6	111.6	111.6	6.6	0
Cat food .....		2047-1B	12/85	106.5	110.7	110.7	7.0	0
Canned cat food, meat base .....		2047-143	12/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Dry cat food (package size under 25 pounds) .....		2047-153	12/85	122.8	122.1	121.7	10.0	-3
Fresh and frozen horsemeat .....		2047-1C	12/85	103.6	103.6	103.6	2.8	0
Other pet and specially foods .....		2047-2	12/85	120.3	( <sup>3</sup> )	120.3	9.5	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2047-SM						
Secondary products .....		2047-S	12/85	118.6	119.2	102.4	-5.8	-14.1
Prepared animal feeds, n.e.c. ....	2048		12/80	103.4	99.9	99.2	12.0	-.7
Primary products .....		2048-P	12/80	103.0	99.5	98.8	12.7	-.7
Poultry feeds, egg type, broiler and turkey .....		2048-1	12/80	97.8	92.2	92.5	12.5	.3
Starter-grower, complete .....		2048-111	12/80	83.7	78.6	78.9	17.4	.4
Layer-breeder, complete .....		2048-115	12/80	100.8	95.7	94.9	15.6	-.8
Broiler, complete .....		2048-116	12/80	104.7	98.7	100.0	13.3	1.3
Layer-breeder, supplements and concentrates .....		2048-117	12/80	103.9	97.2	98.4	1.7	1.2
Dairy cattle feeds, complete .....		2048-2	12/80	99.8	99.6	96.8	17.3	-2.8
Dairy cattle feed, supplements and concentrates .....		2048-3	12/80	106.8	100.4	99.6	9.5	-.8
Swine feeds, complete .....		2048-4	12/80	107.3	104.8	103.3	13.6	-1.4
Swine feed, supplements and concentrates .....		2048-5	12/80	115.7	108.3	107.8	6.0	-.5
Beef cattle feeds, complete .....		2048-6	12/80	117.2	116.7	115.7	9.2	-.9
Beef cattle feed, supplements and concentrates .....		2048-7	12/80	99.9	98.6	98.8	11.3	.2
Other poultry and livestock feeds, including duck, geese, horse, mule, etc. ....		2048-8	12/80	111.0	109.8	108.4	7.9	-1.3
Horse and mule, complete feed .....		2048-816	12/80	123.6	122.5	120.7	7.9	-1.5
Other prepared animal feeds .....		2048-9	12/80	104.9	107.6	107.3	32.5	-.3
Grain, ground, rolled, pulverized, chopped, or crimped, excluding cornmeal .....		2048-911	12/80	57.9	57.6	57.3	10.2	-.5
Secondary products and miscellaneous receipts .....		2048-SM						
Miscellaneous receipts .....		2048-M	12/80	104.1	99.6	99.3	6.0	-.3
Resales .....		2048-Z89	12/80	103.8	99.3	98.9	5.9	-.4
Secondary products .....		2048-S	12/80	105.3	104.7	104.7	8.0	0
Bakery products .....	205		12/84	121.2	121.9	122.7	8.0	.7
Bread, cake, and related products .....	2051		06/80	151.0	151.6	153.0	9.3	.9
Primary products .....		2051-P	06/80	149.2	151.1	152.2	9.5	.7
Bread .....		2051-1	06/80	147.2	150.5	152.0	11.4	1.0
White bread .....		2051-1A	06/80	146.7	149.7	151.6	11.8	1.3
White pan bread .....		2051-111	06/80	145.0	148.3	150.1	11.8	1.2
White pan bread, Northeast .....		2051-11101	06/80	154.9	157.8	159.9	11.1	1.3
White pan bread, North Central .....		2051-11102	06/80	151.6	152.0	156.0	16.5	2.6
White pan bread, South .....		2051-11103	06/80	131.5	138.0	137.8	10.0	-.1
White pan bread, West .....		2051-11104	06/80	145.0	147.4	148.9	8.8	1.0
White hearth bread .....		2051-113	06/80	161.5	163.1	165.1	11.4	1.2
Other bread .....		2051-1B	06/80	149.0	152.8	153.5	10.4	.5
Dark wheat bread .....		2051-115	06/80	146.6	149.6	151.3	11.0	1.1
Rye bread .....		2051-117	06/80	154.4	161.5	159.5	15.9	-1.2
Other variety bread .....		2051-128	06/80	152.9	155.6	156.1	3.9	.3
Bread type rolls, stuffing, and crumbs .....		2051-2	06/80	146.6	145.5	147.2	11.1	1.2
Bread type rolls .....		2051-23	06/80	147.6	146.0	148.2	11.7	1.5
Hamburger and weiner rolls .....		2051-233	06/80	147.4	144.0	147.0	11.2	2.1
Brown and serve rolls .....		2051-235	06/80	144.9	146.6	149.3	13.2	1.8
Other bread type rolls .....		2051-239	06/80	145.6	148.1	148.0	11.2	-.1
Sweet yeast goods .....		2051-3	06/80	142.3	142.9	142.9	6.0	0
Other sweet yeast goods .....		2051-398	06/80	140.2	141.0	141.0	5.6	0
Soft cakes .....		2051-4	06/80	167.1	167.2	167.0	5.3	-.1
Snack cakes .....		2051-413	06/80	172.6	172.8	173.8	5.4	.6
Other soft cakes .....		2051-418	06/80	155.6	155.6	152.7	4.9	-1.9
Pies .....		2051-5	06/80	168.2	167.9	168.0	5.1	.1
Snack pies .....		2051-513	06/80	176.8	180.6	182.2	7.7	.9
Other pies .....		2051-519	06/80	157.0	151.4	149.6	1.1	-1.2
Pastries .....		2051-611	06/80	( <sup>3</sup> )	146.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Cake type doughnuts .....		2051-7	06/80	122.0	136.8	138.6	5.0	1.3
Secondary products and miscellaneous receipts .....		2051-SM						
Miscellaneous receipts .....		2051-M	06/80	162.6	156.8	158.9	7.1	1.3
Resales .....		2051-Z99	06/86	131.3	126.7	128.3	7.1	1.3

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Bread, cake, and related products—Continued</b>								
Secondary products .....		2051-S	06/80	132.8	133.5	133.5	2.3	0
Other secondary products .....		2051-SSS	06/80	136.0	139.7	139.7	5.2	0
Cookies and crackers .....		2052-S	06/80	130.7	129.0	129.0	-1	0
<b>Cookies and crackers .....</b>								
2052			06/83	131.2	132.3	132.3	4.8	0
Primary products .....		2052-P	06/83	133.1	134.3	134.3	5.0	0
Crackers, cracker sandwiches, and pretzels .....		2052-1	06/83	141.2	143.0	142.9	5.8	-1
Crackers .....		2052-1A	06/83	145.7	147.7	147.6	5.8	-1
Graham crackers .....		2052-123	06/83	123.8	127.1	127.1	3.4	0
Saltines .....		2052-125	06/83	136.6	138.1	138.1	7.8	0
Other crackers .....		2052-198	06/83	153.8	155.9	155.6	5.2	-2
Cracker sandwiches .....		2052-135	06/83	108.2	108.2	108.2	0	0
Pretzels .....		2052-151	06/83	117.6	118.2	118.6	9.2	.3
Cookies and ice cream cones .....		2052-2	06/83	126.9	127.7	127.8	4.4	.1
Cookies .....		2052-2A	06/83	126.4	126.7	126.9	4.2	.2
Sandwich cookies .....		2052-213	06/83	136.7	136.0	136.0	4.1	0
Marshmallow cookies .....		2052-215	06/83	123.0	118.8	121.0	7.9	1.9
All other cookies and wafers .....		2052-237	06/83	122.1	123.4	123.6	4.0	.2
Secondary products and miscellaneous receipts .....		2052-SM						
Miscellaneous receipts .....		2052-M	06/83	120.0	121.2	121.1	6.4	-1
Resales .....		2052-Z89	06/83	120.0	121.2	121.1	6.4	-1
Secondary products .....		2052-S	06/83	111.4	111.4	111.4	.6	0
Other secondary products .....		2052-SSS	06/83	111.4	111.4	111.4	1.7	0
<b>Sugar and confectionery products .....</b>								
206			12/84	109.8	109.6	109.9	4.7	.3
<b>Raw cane sugar mills .....</b>								
2061			06/82	110.3	109.4	110.7	1.3	1.2
Primary products .....		2061-P	06/82	110.3	109.4	110.7	1.3	1.2
Raw cane sugar .....		2061-1	06/82	108.1	109.4	110.8	1.7	1.3
Byproducts and other products .....		2061-2	06/82	124.7	109.7	110.1	-1.8	.4
Molasses and syrup .....		2061-265	06/82	124.7	109.7	110.1	-1.8	.4
<b>Cane sugar refining .....</b>								
2062			06/82	116.5	117.5	118.5	11.1	.9
Primary products .....		2062-P	06/82	116.5	117.5	118.5	11.1	.9
Refined cane sugar .....		2062-1	06/82	116.5	117.5	118.5	11.1	.9
Granulated cane sugar .....		2062-1A	06/82	117.6	118.4	120.0	7.7	1.4
Consumer units .....		2062-112	06/82	119.1	119.8	119.8	8.3	0
Commercial units .....		2062-114	06/82	115.5	117.5	120.3	9.4	2.4
<b>Beet sugar processing .....</b>								
2063			06/82	121.2	121.7	120.6	15.5	-9
Primary products .....		2063-P	06/82	121.3	121.9	120.8	15.6	-9
Beet sugar .....		2063-1	06/82	121.7	121.7	121.1	14.9	-5
Granulated beet sugar .....		2063-1X	06/82	121.1	120.9	120.2	14.9	-6
Individual services and consumer units .....		2063-107	10/82	111.5	120.1	117.1	20.3	-2.5
Bulk shipments .....		2063-115	06/82	113.8	111.7	111.4	8.7	-3
Liquid sugar or syrup .....		2063-15	06/82	124.0	125.2	125.7	12.9	.4
Sucrose type .....		2063-151	10/82	108.0	110.4	111.6	20.1	1.1
Other products and byproducts .....		2063-2	06/82	117.9	123.8	117.4	22.5	-5.2
<b>Confectionery products .....</b>								
2065			06/83	119.0	119.5	119.8	3.0	.3
Primary products .....		2065-P	06/83	120.0	120.7	120.6	2.5	-1
Chocolate and chocolate-type confectionery products .....		2065-2						
Chocolate and chocolate-type confectionery products .....		2065-211	06/83	117.5	117.8	117.5	0	-3
Nonchocolate-type confectionery products .....		2065-3						
Nonchocolate-type confectionery products .....		2065-311	06/83	119.4	120.0	120.0	5.6	0
Confectionery products, n.e.c. ....		2065-8	06/83	125.2	126.8	126.8	2.9	0
Secondary products and miscellaneous receipts .....		2065-SM						
Miscellaneous receipts .....		2065-M	06/83	115.0	115.0	118.6	12.1	3.1
Resales .....		2065-Z89	06/83	115.0	115.0	118.6	12.1	3.1
Secondary products .....		2065-S	06/83	107.3	104.6	105.5	-1.7	.9
<b>Chocolate and cocoa products .....</b>								
2066			06/83	112.0	107.0	108.1	1.0	1.0
Primary products .....		2066-P	06/83	111.3	106.3	107.4	.7	1.0
Chocolate coatings .....		2066-1	06/83	107.9	100.2	96.2	-5.4	-4.0
Sweet chocolate coatings .....		2066-112	06/83	97.1	85.7	81.2	-8.1	-5.3
Milk chocolate coatings .....		2066-122	06/83	98.9	95.0	92.0	-3.6	-3.2
Chocolate and chocolate-type confectionery products .....		2066-2						
Chocolate and chocolate-type confectionery products .....		2066-211	06/83	116.3	117.7	115.9	-3.3	-1.5
Other chocolate and cocoa products .....		2066-8	06/83	108.8	99.9	105.8	7.6	5.9
Chocolate, sweetened .....		2066-821	06/83	99.2	98.5	93.6	-3.3	-5.0
Secondary products and miscellaneous receipts .....		2066-SM						
Secondary products .....		2066-S	06/83	103.5	103.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Chewing gum and gum base .....</b>								
2067			12/84	123.5	123.5	123.5	0	0
Primary products .....		2067-P	12/84	123.5	123.5	123.5	.0	.0
Chewing gum .....		2067-1	12/84	125.2	125.2	125.2	0	0
Nondietetic chewing gum .....		2067-112	12/84	125.2	125.2	125.2	0	0
<b>Fats and oils .....</b>								
207			12/84	113.9	107.5	108.5	4.9	.9

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Cottonseed oil mill products .....	2074		06/85	122.8	113.3	111.9	9.3	-1.2
Primary products .....		2074-P	06/85	118.9	112.3	109.4	12.7	-2.6
Cottonseed oil, crude .....		2074-1	06/85	71.5	70.1	69.0	-1.7	-1.6
Cottonseed oil, crude .....		2074-111	06/85	71.5	70.1	69.0	-1.7	-1.6
Cottonseed oil, once refined .....		2074-2	06/85	67.1	64.5	67.9	2.1	5.3
Cottonseed oil, once refined .....		2074-211	06/85	67.1	64.5	67.9	2.1	5.3
Cotton linters .....		2074-3	06/85	134.4	141.6	147.3	7.0	4.0
Cotton linters .....		2074-311	06/85	134.4	141.6	147.3	7.0	4.0
Cottonseed cake, meal, and other byproducts .....		2074-4	06/85	210.1	191.7	179.4	25.3	-6.4
Cottonseed cake and meal .....		2074-414	06/85	224.2	213.2	185.4	23.8	-13.0
Cottonseed hulls .....		2074-451	06/85	163.4	109.1	165.9	28.1	52.1
Soybean oil mill products .....	2075		12/79	106.4	97.7	100.7	3.5	3.1
Primary products .....		2075-P	12/79	104.8	95.5	97.1	2.2	1.7
Soybean oil .....		2075-1						
Crude soybean oil .....		2075-11	12/79	75.1	74.2	79.9	.3	7.7
Soybean oil, crude, not degummed .....		2075-115	12/79	80.1	79.2	85.3	3.0	7.7
Soybean cake, meal, and other byproducts .....		2075-2	12/79	121.5	107.2	106.4	3.2	-.7
Soybean byproducts, meal .....		2075-211	12/79	121.8	107.5	106.2	2.5	-1.2
Vegetable oil mills, n.e.c. ....	2076		12/85	127.9	124.7	136.8	21.4	9.7
Primary products .....		2076-P	12/85	130.7	124.1	127.2	27.2	2.5
Vegetable oils, other than corn, cottonseed, soybean, and linseed .....		2076-2	12/85	102.4	98.2	106.4	7.4	8.4
Animal and marine fats and oils .....	2077		12/82	129.7	128.3	122.2	-6.1	-4.8
Primary products .....		2077-P	12/82	124.8	119.3	114.5	-2.7	-4.0
Grease and inedible tallow .....		2077-1	12/82	109.7	105.7	103.4	-7.8	-2.2
Inedible tallow, including inedible animal stearin .....		2077-111	12/82	108.8	104.5	102.5	-8.1	-1.9
Inedible beef tallow .....		2077-11111	12/82	107.7	103.6	102.0	-6.5	-1.5
Other inedible tallow and inedible animal stearin .....		2077-11113	12/82	111.3	106.4	103.4	-11.5	-2.8
Grease, other than wool grease .....		2077-113	12/82	114.8	112.4	108.7	-6.4	-3.3
Feed and fertilizer by-products .....		2077-2	12/82	137.2	131.3	124.5	4.1	-5.2
Meat/bone meal .....		2077-211	12/82	134.4	128.2	121.4	4.0	-5.3
Meat meal and meat and bone meal .....		2077-21111	12/82	132.6	126.5	119.8	4.1	-5.3
Dry rendered tankage .....		2077-212	12/82	127.3	119.2	113.8	-.2	-4.5
Feather meal .....		2077-237	12/82	136.5	128.1	112.1	3.6	-12.5
Animal and marine oil mill products, including foots .....		2077-3	12/82	135.8	127.4	120.2	-7.5	-5.7
Fish and marine animal oil .....		2077-361	12/82	143.9	138.4	126.8	-18.0	-8.4
Fish scrap and meal .....		2077-366	12/82	139.5	128.5	121.6	-3.8	-5.4
Secondary products and miscellaneous receipts .....		2077-SM						
Miscellaneous receipts .....		2077-M	12/82	103.5	111.5	102.9	-5.5	-7.7
Shortening and cooking oils .....	2079		12/81	119.8	119.5	121.5	5.0	1.7
Primary products .....		2079-P	12/81	118.7	119.4	121.2	3.8	1.5
Shortening and cooking oils .....		2079-1	12/81	118.1	118.3	120.2	3.2	1.6
Baking or frying fats (shortening), 100% vegetable oil .....		2079-113	12/81	129.1	130.5	133.6	3.8	2.4
Commercial sizes, over 3 lbs. ....		2079-11303	12/81	129.1	131.1	135.3	.7	3.2
Baking or frying fats (shortening), 100% animal fats or blends of vegetable and animal fats .....		2079-115	12/81	105.4	101.7	100.8	1.7	-.9
Consumer sizes, 3 lbs. or less .....		2079-11505	12/81	87.9	87.7	87.0	-.3	-.8
Commercial sizes, over 3 lbs. ....		2079-11507	12/81	109.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Hydrogenated oils other than baking or frying fats .....		2079-142	12/81	117.1	111.6	112.6	1.5	.9
Salad or cooking oils, other soybean oil .....		2079-152	12/81	110.5	111.1	116.1	0	4.5
Salad or cooking oils, vegetable oil blends .....		2079-154	12/81	112.7	112.7	112.8	( <sup>3</sup> )	.1
All other salad or cooking oils .....		2079-159	12/81	124.6	128.1	123.1	2.3	-3.9
Margarine .....		2079-2	12/81	120.3	121.9	123.8	5.2	1.6
Secondary products and miscellaneous receipts .....		2079-SM						
Secondary products .....		2079-S	12/81	136.8	126.9	129.0	5.8	1.7
Beverages .....	208		12/84	107.2	109.4	109.8	3.8	.4
Malt beverages .....	2082		06/82	113.1	116.7	117.3	3.7	.5
Primary products .....		2082-P	06/82	113.1	116.7	117.3	3.7	.5
Canned beer .....		2082-1	06/82	116.0	118.9	119.9	3.4	.8
Light beer in cans .....		2082-111	06/82	105.2	105.2	107.6	.8	2.3
Regular beer in cans .....		2082-112	06/82	117.5	120.8	121.6	3.8	.7
Bottled beer .....		2082-2	06/82	109.4	114.4	114.4	4.5	0
Returnable bottles .....		2082-211						
Regular beer in returnable bottles .....		2082-21112	06/82	102.2	107.2	107.2	4.5	0
Nonreturnable bottles .....		2082-221	06/82	116.7	121.8	121.8	4.5	0
Light beer in nonreturnable bottles .....		2082-22111	06/82	119.1	123.5	123.5	3.8	0
Regular beer in nonreturnable bottles .....		2082-22112	06/82	116.4	121.5	121.5	4.6	0
Barrels and kegs .....		2082-3						
Regular beer in barrels and kegs .....		2082-312	06/82	120.4	124.7	124.7	3.5	.0
Other fermented malt beverages and byproducts .....		2082-4	06/82	100.1	102.7	103.0	3.4	.3
Malt liquor .....		2082-411	06/82	103.6	106.7	106.7	3.6	0
Malt and malt byproducts .....	2083		06/85	131.8	135.9	135.9	52.7	0
Primary products .....		2083-P	06/85	131.8	135.9	135.9	52.7	0
Malt and malt byproducts .....		2083-1	06/85	131.8	135.9	135.9	52.7	0
Malt and malt byproducts .....		2083-121	06/85	131.8	135.9	135.9	52.7	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Wines, brandy and brandy spirits .....	2084		12/83	105.0	108.3	109.1	4.2	0.7
Primary products .....		2084-P	12/83	105.5	108.0	108.6	4.5	.6
Grape table wines .....		2084-1	12/83	104.1	104.8	105.5	2.1	.7
White wines .....		2084-112	12/83	99.3	98.9	101.5	2.6	2.6
White varietal wines .....		2084-11211	12/83	109.0	113.3	115.1	5.6	1.6
White generic, semi-generic, and proprietary wines .....		2084-11221	12/83	96.2	94.3	97.3	1.7	3.2
Red wines .....		2084-114	12/83	110.8	112.8	111.7	.8	-1.0
Red varietal wines .....		2084-11411	12/83	138.8	147.6	142.8	12.0	-3.3
Red generic, semi-generic, and proprietary wines .....		2084-11421	12/83	102.1	102.1	102.1	-3.4	0
Rose wines .....		2084-116	12/83	102.1	102.6	102.6	3.6	0
Rose generic, semi-generic, and proprietary wines .....		2084-11621	12/83	97.4	98.1	98.1	2.5	0
Other fruit and berry wines .....		2084-3	12/83	108.0	108.0	108.0	0	0
Other fruit and berry wines .....		2084-311	12/83	108.0	108.0	108.0	0	0
Dessert wines .....		2084-4	12/83	102.6	102.6	97.7	-7.7	-4.8
Dessert wines .....		2084-411	12/83	102.6	102.6	97.7	-7.7	-4.8
Sparkling wines, natural and carbonated .....		2084-5	12/83	104.4	104.9	104.9	-2.1	0
Sparkling wines, natural and carbonated .....		2084-511	12/83	104.4	104.9	104.9	-2.1	0
Secondary products and miscellaneous receipts .....		2084-SM						
Secondary products .....		2084-S	12/83	117.6	117.6	127.3	12.9	8.2
Distilled liquor, except brandy .....	2085		06/83	108.7	111.1	113.9	5.4	2.5
Primary products .....		2085-P	06/83	108.2	110.5	113.4	6.3	2.6
Bottled liquor, except brandy .....		2085-3	06/83	109.0	111.6	114.4	5.1	2.5
Blends of whiskey .....		2085-312	06/83	111.6	117.6	116.9	5.8	-6
Whiskey blended with neutral spirits .....		2085-315	06/83	101.5	105.4	105.4	5.6	0
Rectified gin .....		2085-321	06/83	102.4	102.4	102.4	0	0
Cordials, liqueurs .....		2085-325	06/83	111.9	115.5	114.8	3.4	-6
Rectified vodka .....		2085-333	06/83	106.9	111.2	108.6	7.4	-2.3
Unrectified whiskey .....		2085-351	06/83	109.8	111.4	118.5	6.2	6.4
Unrectified gin .....		2085-355	06/83	115.4	120.5	119.0	6.4	-1.2
Unrectified vodka .....		2085-357	06/83	105.7	106.1	106.7	1.5	.6
Secondary products and miscellaneous receipts .....		2085-SM						
Miscellaneous receipts .....		2085-M	08/83	107.1	108.1	107.3	1.5	-7
Resales .....		2085-Z89	08/83	107.5	108.5	107.6	1.5	-8
Secondary products .....		2085-S	06/83	107.4	107.4	107.6	3.9	.2
Soft drinks .....	2086		06/81	121.5	123.0	123.2	3.0	.2
Primary products .....		2086-P	06/81	121.6	123.9	123.4	3.4	-4
Carbonated soft drinks .....		2086-3	06/81	121.5	123.9	123.4	3.6	-4
Cola, excluding diet cola .....		2086-301	06/81	123.1	124.7	124.3	2.7	-3
Cola, bottled, excluding diet cola .....		2086-30101	06/81	130.6	130.6	130.5	1.7	-1
Cola, excluding diet, returnable bottles .....		2086-30111	06/81	137.1	137.2	136.8	1.0	-3
Cola, excluding diet, nonreturnable bottles .....		2086-30112	06/81	118.4	118.5	118.8	3.5	.3
Cola, excluding diet, cans (returnable and nonreturnable) .....		2086-30121	06/81	111.3	115.5	114.7	3.7	-7
Cola, excluding diet, bulk .....		2086-30131	06/81	120.4	120.4	120.4	7.5	0
Other carbonated drinks, including diet cola .....		2086-302	06/81	119.8	123.0	122.4	4.6	-5
Carbonated orange soda .....		2086-30202	06/81	118.3	117.7	117.6	7.0	-1
Carbonated lemon, lime and lemon-lime combinations .....		2086-30203	06/81	120.5	122.7	121.2	3.9	-1.2
Root beer and sarsaparilla .....		2086-30204	06/81	109.2	109.9	109.9	2.3	0
Ginger ale .....		2086-30205	06/81	105.8	105.8	105.8	3.6	0
Other carbonated nondiet flavors .....		2086-30209	06/81	119.5	123.7	123.1	4.9	-5
Diet cola .....		2086-30211	06/81	118.8	124.4	122.9	5.0	-1.2
Other carbonated diet flavors .....		2086-30219	06/81	131.9	135.0	135.5	4.6	.4
Noncarbonated soft drinks .....		2086-5	06/81	123.4	124.1	124.3	-2	.2
Other noncarbonated fruit drinks and ades .....		2086-509	06/81	123.9	124.8	125.1	-2	.2
Secondary products and miscellaneous receipts .....		2086-SM						
Miscellaneous receipts .....		2086-M	06/81	121.5	119.7	123.1	1.7	2.8
Resales .....		2086-Z89	06/81	122.7	120.9	124.3	1.7	2.8
Secondary products .....		2086-S	06/81	114.9	114.5	114.5	.2	0
Flavoring extracts and sirups, n.e.c. ....	2087		12/85	111.1	112.8	111.7	6.3	-1.0
Primary products .....		2087-P	12/85	112.1	114.2	113.0	7.2	-1.1
Flavoring extracts, emulsions and other liquid flavors .....		2087-1	12/85	101.8	101.8	101.8	.8	0
Natural extracts in containers of more than 8 ounces .....		2087-115	12/85	102.2	102.2	102.2	0	0
Imitation extracts .....		2087-153	12/85	102.1	102.1	102.1	2.1	0
Liquid beverage bases, not for use by soft drink bottlers .....		2087-2	12/85	108.8	108.9	108.9	2.3	0
Cocktail mixes .....		2087-215	12/85	111.5	111.5	111.5	3.7	0
Other flavors .....		2087-225	12/85	108.5	108.6	108.6	2.2	0
Liquid beverage bases, for use by soft drink bottlers .....		2087-3	12/85	120.3	124.8	121.6	12.2	-2.6
Other liquid beverage bases containing kola extract or flavoring .....		2087-313	12/85	120.7	125.5	122.0	12.4	-2.8
Other flavors .....		2087-339	12/85	118.2	120.5	119.2	10.6	-1.1
Other flavoring agents, except chocolate sirups; flavoring powders and tablets .....		2087-4	12/85	105.9	106.3	106.7	3.8	.4
Soft drinks (effervescent and noneffervescent) .....		2087-435	12/85	101.6	101.7	101.7	4.7	0
Other flavoring powders and tablets; dry mix cocktails; flavoring paste .....		2087-436	12/85	106.1	108.7	109.0	5.5	.3
Flavoring sirups for fountain, ice cream, home beverage use, all flavors .....		2087-459	12/85	109.2	109.2	109.3	1.3	.1
Fruit, crushed or whole, for fountain and ice cream use .....		2087-461	12/85	114.2	114.1	114.7	-3	.5
Food colorings .....		2087-471	12/85	90.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2087-SM						
Secondary products .....		2087-S	12/85	104.1	103.8	103.3	1.1	-5

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Miscellaneous food preparations and kindred products .....	209		12/84	113.0	115.6	115.3	5.1	-0.3
Canned and cured seafoods .....	2091		12/84	130.2	130.0	128.9	10.7	-8
Primary products .....		2091-P	12/84	125.4	125.1	125.5	7.4	.3
Canned and cured seafoods including soup (except frozen) .....		2091-1	12/84	125.4	125.1	125.5	7.4	.3
Canned salmon .....		2091-113	12/84	199.8	201.4	207.7	40.3	3.1
Canned clams .....		2091-115	12/84	123.2	123.3	123.3	10.9	0
Canned shrimp .....		2091-116	12/84	112.7	112.7	112.7	-1.1	0
Other canned fish and seafood (except soups, stew and chowders) ....		2091-119	12/84	109.2	109.2	109.2	15.6	0
Canned seafood soups, stews and chowders .....		2091-131	02/85	98.4	98.4	98.4	( <sup>3</sup> )	0
Smoked salmon .....		2091-151	12/84	131.2	133.2	133.2	19.9	0
Salted and pickled fish .....		2091-182	12/84	107.9	107.9	107.9	5.1	0
Secondary products and miscellaneous receipts .....		2091-SM						
Secondary products .....		2091-S	12/84	138.2	138.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Fresh or frozen packaged fish .....	2092		12/82	123.8	123.9	122.8	-3	-9
Primary products .....		2092-P	12/82	122.5	123.2	122.0	-7	-1.0
Fresh packaged fish and other seafood .....		2092-2	12/82	152.2	152.7	149.2	.6	-2.3
Fresh packaged fish, excluding shellfish .....		2092-213	12/82	133.6	128.1	124.7	-6.3	-2.7
Other fresh packaged fish .....		2092-21398	12/82	133.6	128.1	124.7	-6.3	-2.7
Oysters .....		2092-224	12/82	166.3	170.4	165.9	2.3	-2.6
Other oysters .....		2092-22498	12/82	164.4	168.7	163.4	2.4	-3.1
Other packaged shellfish .....		2092-226	12/82	147.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Frozen packaged fish, excluding shellfish .....		2092-3	12/82	128.1	128.0	126.2	-2.6	-1.4
Groundfish, fillets and steaks .....		2092-321	12/82	132.0	133.2	134.0	-4	.6
Cod fillets .....		2092-32101	12/82	134.5	137.7	140.0	-2.7	1.7
Other groundfish, fillets and steaks .....		2092-32198	12/82	130.4	130.4	130.2	1.4	-2
Groundfish, sticks and portions .....		2092-322	12/82	128.0	127.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Cod or Atlantic pollock fish sticks .....		2092-32201	12/82	125.1	125.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other fillets and steaks .....		2092-326	12/82	113.3	113.3	109.3	-5.0	-3.5
Other frozen packaged fish .....		2092-329	12/82	137.1	137.5	129.9	2.1	-5.5
Frozen packaged shellfish and other seafood, including soup .....		2092-4	12/82	103.0	104.2	104.7	.1	.5
Shrimp, breaded .....		2092-424	12/82	97.9	98.7	98.7	2.1	0
Crab meat, Dungeness .....		2092-432	12/82	110.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2092-SM						
Secondary products .....		2092-S	12/82	162.9	152.2	152.2	7.1	0
Coffee .....	2095		06/81	119.2	123.5	123.4	4.0	-1
Primary products .....		2095-P	06/81	118.7	123.5	123.5	3.9	0
Whole bean and ground roasted coffee .....		2095-1	06/81	118.2	123.2	123.2	4.2	0
Whole bean, roasted coffee .....		2095-111	06/81	113.9	118.7	118.6	( <sup>3</sup> )	-1
Ground, roasted coffee .....		2095-116	06/81	118.5	123.5	123.4	4.1	-1
Ground coffee mixtures .....		2095-121	06/88	100.0	100.2	100.2	( <sup>3</sup> )	0
Concentrated (instant) coffee .....		2095-2	06/81	119.7	124.1	124.1	2.8	0
Secondary products and miscellaneous receipts .....		2095-SM						
Miscellaneous receipts .....		2095-M	06/81	104.5	104.1	104.2	7.6	.1
Resales .....		2095-Z89	06/81	104.4	104.1	104.1	( <sup>3</sup> )	0
Manufactured ice .....	2097		12/85	106.2	107.6	107.8	2.4	.2
Primary products .....		2097-P	12/85	103.4	104.8	105.1	2.6	.3
Can or block ice .....		2097-1	12/85	104.2	104.2	104.2	0	0
Cubed, crushed or other processed ice .....		2097-2	12/85	102.9	105.2	105.5	4.0	.3
Macaroni, spaghetti, and noodles .....	2098		06/85	109.9	112.1	120.8	13.6	7.8
Primary products .....		2098-P	06/85	111.0	113.4	122.7	14.4	8.2
Macaroni, spaghetti, vermicelli, and other macaroni products of all types, except canned .....		2098-1	06/85	110.6	112.9	125.6	13.8	11.2
Macaroni, spaghetti, vermicelli, and other macaroni products of all types, except canned .....		2098-111	06/85	110.6	112.9	125.6	13.8	11.2
Noodle products of all shapes, sizes, and types, except canned .....		2098-2	06/85	112.3	115.1	112.9	16.6	-1.9
Noodle products of all shapes, sizes, and types, except canned .....		2098-211	06/85	112.3	115.1	112.9	16.6	-1.9
Food preparations, n.e.c. .....	2099		12/85	108.0	111.4	110.6	6.0	-7
Primary products .....		2099-P	12/85	108.1	112.0	111.0	6.1	-9
Chips (potato, corn, etc.) .....		2099-2	12/85	105.9	112.0	109.3	9.4	-2.4
Potato chips and sticks .....		2099-211	12/85	109.7	113.1	114.0	9.5	.8
Plain potato chips and sticks .....		2099-21112	12/85	108.6	111.8	112.5	8.7	.6
Flavored potato chips and sticks .....		2099-21114	12/85	114.7	119.2	121.0	13.4	1.5
Corn chips, curls, and related products .....		2099-261	12/85	100.0	110.5	102.0	9.2	-7.7
Other chips, sticks, etc. ....		2099-298	12/85	107.9	110.9	110.8	8.4	-1
Sweetening syrups and molasses .....		2099-3	12/85	125.4	144.8	137.0	18.2	-5.4
Sweetening syrups and molasses, containing corn syrup .....		2099-325	12/85	122.8	144.7	135.9	21.7	-6.1
Sweetening syrups and molasses, not containing corn syrup .....		2099-327	12/85	144.5	145.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Tea in consumer packages .....		2099-5	12/85	103.1	103.1	103.1	-2	0
Cider and vinegar .....		2099-6	12/85	107.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Vinegar .....		2099-651	12/85	107.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Chocolate and cocoa products, except confectionary (mfpm) .....		2099-8	12/85	105.8	105.4	104.2	-5	-1.1
Chocolate syrups, with chocolate powder base .....		2099-894	03/86	102.6	103.6	103.6	2.5	0
Other food preparations, n.e.c. ....		2099-9	12/85	111.7	114.9	115.2	5.3	.3
Spices .....		2099-931	12/85	113.8	114.9	115.2	4.0	.3

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Food preparations, n.e.c.—Continued								
Consumer size black and white pepper (under 1 lb.) .....		2099-93131	12/85	129.5	129.5	129.5	5.2	0
Consumer size spices (under 1 lb.), except pepper .....		2099-93138	12/85	118.8	121.0	121.0	7.8	0
Commercial size spices (1 lb. and over), except pepper .....		2099-93139	12/85	110.4	110.2	110.7	1.0	.5
Perishable prepared foods (sold in bulk or packages, not frozen) .....		2099-961	12/85	104.4	107.5	108.1	6.0	.6
Salads (sold in bulk or packages, not frozen) .....		2099-96163	12/85	103.1	106.0	106.2	4.3	.2
Sandwiches, made from bread (sold in bulk or packages, not frozen) .....		2099-96165	12/85	93.3	( <sup>3</sup> )	93.3	0	( <sup>3</sup> )
Other perishable prepared foods (sold in bulk or packages, not frozen) .....		2099-96168	12/85	106.6	110.5	111.3	7.4	.7
Unpopped popcorn in consumer packages .....		2099-985	12/85	108.7	108.7	110.2	5.4	1.4
Other, other food preparations, n.e.c. ....		2099-998	12/85	106.5	109.2	109.2	6.1	0
Secondary products and miscellaneous receipts .....		2099-SM						
Miscellaneous receipts .....		2099-M	12/85	102.4	102.9	103.5	3.4	.6
Resales .....		2099-Z89	12/85	102.7	103.3	103.9	3.7	.6
Secondary products .....		2099-S	12/85	109.1	110.4	110.5	6.4	.1
Canned fruits, vegetables, preserves, jams, and jellies .....		2033-S	12/85	105.7	108.4	108.4	2.9	0
Dried and dehydrated fruits, vegetables, and soup mixes .....		2034-S	12/85	110.3	110.3	110.3	2.3	0
Pickled fruits and vegetables, vegetable sauces and seasonings, and salad dressings .....		2035-S	12/85	111.0	110.9	111.2	8.0	.3
Other secondary products .....		2099-SSS	12/85	108.6	110.1	110.1	6.4	0
Tobacco manufactures .....	21		12/84	154.3	154.5	154.5	12.7	0
Cigarettes .....	2111		12/82	165.2	165.2	165.2	13.6	0
Primary products .....		2111-P	12/82	166.9	166.9	166.9	14.3	0
Filter tip .....		2111-1	12/82	163.8	163.8	163.8	14.3	0
King size, 80 to 95 mm long .....		2111-116	12/82	162.6	162.6	162.6	14.5	0
Super king and long size, greater than 95 mm long .....		2111-118	12/82	166.0	166.0	166.0	13.9	0
Nonfilter tip .....		2111-3	12/82	193.4	193.4	193.4	14.5	0
Nonfilter tip, all sizes .....		2111-355	12/82	193.4	193.4	193.4	14.5	0
Cigars .....	2121		12/82	122.6	130.9	132.0	8.6	.8
Primary products .....		2121-P	12/82	122.6	130.9	132.0	8.6	.8
Chewing and smoking tobacco and snuff .....	2131		12/82	152.0	152.8	152.8	5.7	0
Primary products .....		2131-P	12/82	156.9	157.8	157.8	6.8	0
Smoking tobacco .....		2131-111	12/82	140.0	142.7	142.7	8.0	0
Loose leaf chewing tobacco .....		2131-113	12/82	153.0	153.0	153.0	6.0	0
Chewing tobacco other than loose leaf, including fine cut, plug, and twist .....		2131-115	12/82	154.5	155.1	155.1	6.5	0
Snuff, dry and moist .....		2131-117	12/82	181.1	181.1	181.1	6.7	0
Stemmed and redried tobacco .....	2141		06/84	98.0	( <sup>3</sup> )	98.0	1.2	( <sup>3</sup> )
Primary products .....		2141-P	06/84	93.7	( <sup>3</sup> )	93.8	1.5	( <sup>3</sup> )
Unstemmed leaf tobacco redried before packing .....		2141-1	06/84	105.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Packed for sale as such .....		2141-111	06/84	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Stemmed tobacco .....		2141-2	06/84	92.4	( <sup>3</sup> )	92.4	1.1	( <sup>3</sup> )
Packed for sale as such .....		2141-21	06/84	91.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Leaf, not aged .....		2141-215	06/84	91.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other stemmed tobacco, including chopped cigar filler .....		2141-231	06/84	96.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Textile mill products .....	22		12/84	108.4	108.9	109.0	2.2	.1
Cotton broadwoven fabric .....	2211		12/80	107.0	106.7	107.1	-1.7	.4
Primary products .....		2211-P	12/80	107.8	107.1	107.3	-1.4	.2
Gray cotton broadwoven fabric, except interplant transfers .....		2211-A	12/80	108.2	106.5	106.4	-2.8	-1
Plain weaves, except duck .....		2211-A1	06/87	112.2	108.3	107.8	-6.8	-5
Sheeting, other than bed sheeting .....		2211-A14	12/80	96.8	92.6	92.6	-8.3	0
Twill weaves, except denim .....		2211-A2						
Twill weaves, except denim .....		2211-A21	12/80	108.8	111.1	111.1	.2	.0
Other weaves, except pile fabric .....		2211-A3	06/87	112.5	111.7	111.7	.5	0
Sateen .....		2211-A31	12/80	115.5	103.2	103.2	-11.1	0
Finished cotton broadwoven fabric, except interplant transfers .....		2211-B	12/80	101.6	102.0	103.1	-1.1	1.1
Plain weaves .....		2211-B1	06/87	108.1	( <sup>3</sup> )	109.5	1.7	( <sup>3</sup> )
Twill weaves .....		2211-B2	06/87	101.1	100.6	102.7	-5.3	2.1
Blue indigo denim .....		2211-B21	06/87	98.0	96.1	99.3	-9.3	3.3
Other denim .....		2211-B22	06/87	104.8	110.4	112.1	3.3	1.5
Pile fabric .....		2211-B4	06/87	110.5	111.9	112.8	3.1	.8
Corduroy .....		2211-B41	12/80	85.9	87.1	87.8	3.8	.8
Cotton broadwoven fabric, finished products .....		2211-C	12/80	121.4	121.8	122.1	1.4	.2
Towels and washcloths .....		2211-C11	06/87	107.0	108.2	107.9	1.6	-3
Bedspreads .....		2211-C31	06/87	110.8	98.8	98.8	-7.7	0
Other .....		2211-C61	12/80	127.9	127.9	129.6	1.3	1.3
Secondary products and miscellaneous receipts .....		2211-SM						
Miscellaneous receipts .....		2211-M	12/80	111.6	118.1	118.1	14.8	0
Secondary products .....		2211-S	12/80	102.2	101.4	102.7	-5.9	1.3
Man-made fiber and silk broadwoven fabric .....		2221-S	12/80	114.7	105.7	108.0	-4.8	2.2
Synthetic fiber and silk broadwoven fabric .....	2221		06/81	111.3	110.7	110.8	.8	.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Synthetic fiber and silk broadwoven fabric—Continued</b>								
Primary products .....		2221-P	06/81	110.2	109.2	109.1	0.2	-0.1
Gray goods, except interplant transfers .....		2221-1	06/81	110.8	109.0	108.8	-5	-2
Filament yarn fabric (85% + filament) .....		2221-12	06/81	111.6	112.4	112.1	8.1	-3
Chiefly rayon and/or acetate .....		2221-121	06/81	124.5	126.4	126.3	10.3	-1
Other filament yarn fabric .....		2221-122	06/81	108.7	109.3	109.0	7.7	-3
Chiefly nylon .....		2221-1223	06/81	132.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Chiefly polyester .....		2221-1224	06/81	96.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Spun yarn fabric (85% + spun), except manmade fiber/wool blends and silk fabric .....		2221-13	06/81	110.3	107.1	106.9	-5.4	-2
Plain weaves .....		2221-135	06/87	106.8	103.3	103.3	-4.4	0
Plain printcloth .....		2221-1351	06/87	107.0	103.3	103.6	-4.3	.3
Chiefly polyester/cotton blends .....		2221-13511	06/81	110.5	104.1	104.3	-7.8	.2
Chiefly polyester/rayon blends .....		2221-13512	06/87	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other plain weaves .....		2221-1356	06/87	112.4	110.1	109.1	-2.0	-9
Twill weaves .....		2221-136	06/87	102.4	99.2	98.4	-9.5	-8
Other weaves, except pile fabric .....		2221-137	06/87	109.5	109.2	109.5	0	.3
Other .....		2221-1372	06/87	113.1	113.4	113.2	1.4	-2
Spun/filament yarn fabric (less than 85% spun or filament) .....		2221-143	04/85	112.6	109.4	109.5	-5	.1
Finished fabric, except interplant transfers .....		2221-2	06/81	109.4	110.6	110.9	2.4	.3
Filament yarn fabric (85% + filament) .....		2221-21	06/87	104.4	106.8	107.0	4.9	.2
Chiefly polyester .....		2221-212	06/87	102.6	106.5	107.1	4.9	.6
Chiefly other filaments .....		2221-213	06/87	105.7	107.5	107.5	4.9	0
Spun yarn fabric (85% + spun), except manmade fiber/wool blends and silk fabric .....		2221-22	06/87	106.7	107.9	108.1	1.7	.2
Plain weaves .....		2221-224	06/87	109.0	110.7	111.5	2.6	.7
Plain printcloth .....		2221-2241	06/87	106.0	106.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Broadcloth, carded and combed .....		2221-2242	06/87	103.1	106.1	106.1	-1.6	0
Other plain weaves .....		2221-2245	06/87	113.1	116.7	118.4	9.8	1.5
Twill weaves .....		2221-225	06/87	104.5	103.9	102.9	-5	-1.0
Spun/filament yarn fabric (less than 85% spun or filament) .....		2221-231	06/87	103.4	101.3	101.7	-1.5	.4
Fabricated textile products .....		2221-3	06/81	105.3	108.6	108.6	3.0	0
Secondary products and miscellaneous receipts .....		2221-SM						
Secondary products .....		2221-S	06/81	118.9	121.3	122.2	5.1	.7
Cotton broadwoven fabric .....		2211-S	06/87	100.6	101.2	101.5	-6.6	.3
Other grey cotton fabric .....		2211-	06/87	( <sup>3</sup> )	97.8	98.1	-7.9	.3
Finished cotton broadcloth .....		A341S 2211-	06/87	101.1	102.1	102.8	.9	.7
Finished cotton twill weaves, except denim .....		B131S 2211-	06/87	109.0	108.9	108.8	1.1	-1
Other finished cotton fabrics .....		B211S 2211-	06/87	103.9	105.9	105.6	2.1	-3
Other secondary products .....		B331S 2221-SSS	06/87	126.8	131.2	132.9	20.2	1.3
<b>Wool weaving and finishing</b>								
Primary products .....	2231	2231-P	06/85	116.8	119.4	119.1	9.1	-3
Wool broad woven fabrics, gray goods .....		2231-211	06/85	112.3	112.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Finished fabrics .....		2231-A	06/85	116.9	119.1	118.7	9.8	-3
Finished wool apparel fabrics .....		2231-3	06/85	116.0	118.5	117.9	11.8	-5
Woolen .....		2231-316	06/85	113.0	116.5	115.7	11.1	-7
Wholly wool .....		2231-31611	06/85	113.4	116.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Chiefly wool .....		2231-31612	06/85	112.6	116.4	116.4	12.2	0
Finished wool non-apparel fabrics and felts .....		2231-4	06/85	119.7	121.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other non-apparel fabrics and felts .....		2231-418	06/85	119.7	121.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2231-SM						
Secondary products .....		2231-S	06/85	121.7	126.7	126.7	15.0	0
<b>Narrow fabric mills</b>								
Primary products .....	2241	2241-P	06/84	106.2	108.3	107.7	4.8	-6
Woven narrow fabric .....		2241-1	06/84	106.3	108.7	107.9	5.2	-7
Elastic .....		2241-11	06/84	102.4	104.1	103.1	3.5	-1.0
Other apparel .....		2241-114	06/84	103.6	103.6	103.6	3.4	0
Other uses .....		2241-115	06/84	108.1	108.1	108.1	7.2	0
Nonelastic .....		2241-12	06/84	105.2	105.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Woven labels .....		2241-123	06/84	101.7	104.4	102.7	3.5	-1.6
Tapes (wt. less than 15 oz./sq. yd.) .....		2241-125	06/84	122.8	122.8	122.8	9.5	0
Webbing (wt. 15 oz./sq. yd. or more) .....		2241-127	06/84	93.7	( <sup>3</sup> )	97.4	3.9	( <sup>3</sup> )
Apparel webbing .....		2241-12733	06/84	110.7	110.7	110.7	.7	0
Safety belt webbing .....		2241-12737	06/84	112.8	112.8	112.8	3.3	0
All other webbing .....		2241-12739	06/84	( <sup>3</sup> )	( <sup>3</sup> )	104.3	( <sup>3</sup> )	( <sup>3</sup> )
All other nonelastic .....		2241-129	06/84	110.6	110.6	110.6	.6	0
Braided narrow fabric .....		2241-4	06/84	84.6	84.6	84.6	4.6	0
Elastic braids .....		2241-411	06/84	114.6	119.5	119.5	8.8	0
Nonelastic braids .....		2241-422	06/84	113.3	129.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Shoe and corset laces .....		2241-4221	06/84	115.1	116.0	116.0	6.2	0
Other nonelastic braids .....		2241-42221	06/84	113.0	113.5	113.5	3.9	0
Covered elastic yarn .....		2241-5						
Covered elastic yarn .....		2241-511	06/84	116.2	117.5	117.5	7.6	0
Secondary products and miscellaneous receipts .....		2241-SM						
Secondary products .....		2241-S	06/84	114.1	115.4	115.4	7.5	0
Secondary products .....		2241-S	06/84	110.9	109.9	109.9	-8	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Knitting mills .....	225		12/84	106.7	107.5	107.7	2.4	0.2
Women's hosiery knit on 300 needles or more and women's knee-high socks .....	2251		06/84	104.0	104.5	104.8	2.4	.3
Primary products .....		2251-P	06/84	104.4	104.7	105.1	2.3	.4
Finished full-fashioned hosiery .....		2251-1						
Finished seamless and simulated seamed hosiery .....		2251-3	06/84	104.4	104.8	105.1	2.4	.3
Stockings and knee-highs, knit on 300 needles or more .....		2251-321	06/84	105.3	105.0	106.1	2.1	1.0
Knee-high .....		2251-32177	06/84	104.0	103.7	104.7	2.2	1.0
Full-length .....		2251-32188	06/84	118.5	118.5	119.8	1.1	1.1
Pantyhose .....		2251-351	06/84	103.9	104.4	104.4	2.4	0
Under 30 denier, sheer .....		2251-35122	06/84	105.9	106.4	106.4	2.1	0
30 denier and over, opaque .....		2251-35144	06/84	104.5	105.6	105.8	2.3	.2
Support .....		2251-3516	06/84	101.1	101.6	101.6	2.6	0
Control top only .....		2251-35161	06/84	105.0	105.8	105.8	5.1	0
Other support .....		2251-35162	06/84	97.8	98.2	98.2	.6	0
Unfinished seamless and simulated seamed hosiery .....		2251-5	06/84	105.2	105.3	106.3	1.2	.9
Unfinished pantyhose .....		2251-517	06/84	108.0	108.2	109.7	2.0	1.4
Secondary products and miscellaneous receipts .....		2251-SM						
Secondary products .....		2251-S	06/84	101.3	103.5	103.1	2.6	-.4
Hosiery, n.e.c. ....		2252-S	06/84	101.3	103.5	103.1	2.6	-.4
Hosiery, n.e.c. ....	2252		06/84	104.6	105.9	106.0	2.8	.1
Primary products .....		2252-P	06/84	104.5	105.8	105.7	2.5	-.1
Men's finished hosiery .....		2252-22	06/84	104.2	105.1	105.1	1.9	0
Anklet .....		2252-222	06/84	107.6	108.4	108.4	2.3	0
Non-cushion .....		2252-2222	06/84	107.5	108.6	108.6	2.3	0
Manmade fibers .....		2252-22227	06/84	109.6	109.6	109.6	3.5	0
Mid-calf/crew .....		2252-223	06/84	103.3	104.2	104.2	1.2	0
Cushion .....		2252-2231	06/84	101.0	101.9	101.9	.9	0
Natural fibers .....		2252-22311	06/84	100.7	99.8	99.9	-.9	.1
Manmade fibers .....		2252-22317	06/84	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Non-cushion .....		2252-2232	06/84	107.6	108.5	108.5	1.7	0
Natural fibers .....		2252-22321	06/84	110.0	113.2	113.2	( <sup>3</sup> )	0
Manmade fibers .....		2252-22327	06/84	106.7	106.7	106.7	.9	0
Knee-high .....		2252-224	06/84	100.3	101.3	101.3	2.2	0
Cushion .....		2252-2241	06/84	99.0	99.4	99.1	1.4	-.3
Natural fibers .....		2252-22411	06/84	100.9	100.6	100.0	1.4	-.6
Manmade fibers .....		2252-22417	06/84	97.6	98.4	98.4	1.3	0
Non-cushion .....		2252-2242	06/84	105.6	108.9	110.1	5.3	1.1
Manmade fibers .....		2252-22427	06/84	104.6	104.8	107.2	4.5	2.3
All other finished hosiery, knit on less than 300 needles, except women's knee-length .....		2252-23	06/84	105.3	107.1	107.4	4.2	.3
Women's, girls' and boys' footsock .....		2252-231	06/84	98.0	99.1	99.3	2.1	.2
Women's, girls' and boys' anklet .....		2252-232	06/84	104.0	104.0	105.9	3.4	1.8
Cushion .....		2252-2321	06/84	100.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Manmade fibers .....		2252-23217	06/84	99.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Non-cushion .....		2252-2322	06/84	107.0	107.0	108.9	4.4	1.8
Natural fibers .....		2252-23221	06/84	117.4	117.4	117.4	-.8	0
Manmade fibers .....		2252-23227	06/84	103.5	103.5	106.1	6.5	2.5
Girls' and boys' knee-high .....		2252-233	06/84	111.7	117.3	117.3	10.7	0
Other women's, girls' and boys' finished hosiery, including leg warmers, waist-highs, etc. ....		2252-234	06/84	102.5	101.7	101.8	-.5	.1
Infants' and children's anklet .....		2252-235	06/84	106.8	106.8	106.8	.8	0
Natural fibers .....		2252-23511	06/84	109.3	109.3	109.3	0	0
Manmade fibers .....		2252-23577	06/84	105.5	105.5	105.5	1.3	0
Infants' and children's knee-high .....		2252-236	06/84	99.4	99.4	99.4	.2	0
Manmade fibers .....		2252-23677	06/84	99.4	99.4	99.4	.2	0
Other infants' and children's finished hosiery .....		2252-238	06/84	93.9	93.9	94.5	.6	.6
Unfinished hosiery, knit on less than 300 needles, except women's knee-high .....		2252-24	06/84	103.3	104.2	102.6	-.7	-1.5
Men's unfinished hosiery .....		2252-242	06/84	103.8	104.6	101.3	-2.4	-3.2
Other unfinished hosiery, knit on less than 300 needles, except women's knee-high .....		2252-246	06/84	102.8	103.9	103.9	1.1	0
Secondary products and miscellaneous receipts .....		2252-SM						
Secondary products .....		2252-S	06/84	103.5	104.7	104.7	1.5	0
Knit outerwear .....	2253		12/84	109.0	110.0	110.0	2.4	0
Primary products .....		2253-P	12/84	110.2	111.1	111.1	2.9	0
Sweaters, jackets and jerseys .....		2253-1	12/84	111.5	115.0	114.6	4.3	-.3
Men's and boys' .....		2253-12	12/84	117.9	119.5	118.6	2.8	-.8
All wool and chiefly wool .....		2253-122	12/84	114.6	116.5	116.6	5.4	.1
All manmade and chiefly manmade .....		2253-124	12/84	114.8	116.5	115.1	1.9	-1.2
Women's, misses' and juniors' .....		2253-14	12/84	104.2	110.1	110.1	5.7	0
All manmade and chiefly manmade .....		2253-144	12/84	104.0	110.0	110.0	5.8	0
Knit outerwear sport shirts, including sweat shirts .....		2253-2	12/84	115.9	114.5	115.0	5.8	.4
Men's and boys' .....		2253-22	12/84	112.9	113.5	113.5	3.7	0
All manmade and chiefly manmade .....		2253-224	12/84	116.9	116.6	116.6	3.7	0
Other fibers .....		2253-225	12/84	107.0	108.9	108.9	3.8	0
Women's, misses' and juniors' .....		2253-24	12/84	112.3	112.3	112.3	1.4	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Knit outerwear—Continued								
Other knit outerwear .....		2253-3	12/84	101.4	101.9	101.9	-0.6	0
Women's, misses' & juniors' knit outerwear, excl. sweaters, jackets, jerseys & sport shirts .....		2253-31	12/84	104.4	104.6	104.6	.4	0
Men's & boys' knit outerwear, excluding sweatersjackets, jerseys and sport shirts .....		2253-33	12/84	116.1	117.6	117.6	2.9	0
Men's and boys' shirts, excluding sport shirts .....		2253-335	12/84	113.4	111.4	111.4	5.1	0
Men's and boys' other knit outerwear .....		2253-338	12/84	117.1	119.9	119.9	2.0	0
Contract work on knitting and dyeing knit outerwear .....		2253-9						
Contract work on knitting and dyeing knit outerwear .....		2253-911	12/84	124.4	124.4	124.4	2.0	0
Secondary products and miscellaneous receipts .....		2253-SM						
Secondary products .....		2253-S	12/84	( <sup>3</sup> )	106.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Knit underwear and nightwear .....		2254-S	12/84	( <sup>3</sup> )	112.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Knit underwear and nightwear mills .....	2254		06/82	117.5	118.0	118.9	2.9	.8
Primary products .....		2254-P	06/82	118.8	119.3	120.2	3.4	.8
Men's and boys' knit underwear .....		2254-A	06/82	118.4	118.9	118.9	3.3	0
Men's and boys' undershirts, except thermal .....		2254-1	06/82	115.1	115.1	115.1	3.8	0
Undershirts, except athletic types .....		2254-122	06/82	115.0	115.0	115.0	3.7	0
Men's and boys' shorts and briefs .....		2254-4	06/82	101.0	101.9	101.9	.9	0
Shorts and briefs, except thermal underwear and union suits .....		2254-411	12/87	100.4	101.3	101.3	.9	0
Women's and children's underwear and nightwear .....		2254-C	06/82	121.2	121.5	125.0	3.6	2.9
Women's and children's underwear .....		2254-2	06/82	126.5	126.6	129.9	3.1	2.6
Women's underwear .....		2254-21	06/82	126.2	126.2	129.2	2.9	2.4
Panties .....		2254-219	09/82	128.2	128.2	131.3	2.9	2.4
Women's and children's nightwear .....		2254-3	06/82	114.9	115.6	119.6	4.6	3.5
Secondary products and miscellaneous receipts .....		2254-SM						
Secondary products .....		2254-S	06/82	108.9	109.7	110.2	-1	.5
Circular knit fabrics .....	2257		06/81	104.7	104.5	104.6	-8	.1
Primary products .....		2257-P	06/81	105.2	105.2	105.3	-1	.1
Gray fabrics .....		2257-1						
Gray fabrics .....		2257-111	06/81	111.7	112.7	112.7	1.6	0
Finished underwear and nightwear fabrics .....		2257-2						
Finished underwear and nightwear fabrics .....		2257-211	06/81	119.3	123.6	125.1	.6	1.2
Finished high pile fabrics .....		2257-4						
Finished high pile fabrics .....		2257-411	06/81	107.3	107.0	107.0	.8	0
Finished single knit outerwear fabrics .....		2257-5	06/81	105.8	105.6	105.6	-2	0
Manmade and chiefly manmade fibers .....		2257-511	06/81	106.6	106.7	107.3	.8	.6
All other fibers .....		2257-512	06/81	109.6	108.8	107.8	-1.9	-9
Finished rib knit outerwear fabrics, excluding double knit and interlock .....		2257-6	06/87	104.8	102.7	102.8	-3.3	.1
Manmade and chiefly manmade fibers .....		2257-611	06/87	97.7	97.7	97.7	-2.3	0
Finished double knit outerwear fabrics, including interlock and eightlock fabrics .....		2257-7	06/81	98.0	97.0	97.4	-3.3	.4
Manmade and chiefly manmade fibers .....		2257-711	06/81	95.9	95.2	95.2	-3.8	0
All other finished circular knit fabrics .....		2257-8						
All other finished circular knit fabrics .....		2257-811	06/81	103.4	104.1	104.1	.8	0
Contract work on gray and finished circular knit fabric .....		2257-9	06/81	108.3	108.8	108.9	2.0	.1
Contract knitting of gray fabric .....		2257-911	06/87	102.5	103.2	103.6	1.8	.4
Contract knitting/finishing .....		2257-915	06/81	109.1	109.4	109.4	2.1	0
Secondary products and miscellaneous receipts .....		2257-SM						
Secondary products .....		2257-S	06/81	108.6	108.6	108.6	-1	0
Warp knit fabrics .....	2258		06/81	107.5	109.8	110.1	6.0	.3
Primary products .....		2258-P	06/81	106.5	108.4	108.6	5.0	.2
Gray goods .....		2258-1						
Gray goods .....		2258-101	06/81	106.0	106.7	106.7	2.9	0
Finished underwear and nightwear fabrics .....		2258-2	06/81	104.2	106.1	106.1	4.1	0
Manmade and chiefly manmade fibers .....		2258-211	06/81	117.1	119.2	119.2	4.1	0
Finished outerwear fabrics .....		2258-3	06/81	108.8	114.1	115.0	9.7	.8
Manmade and chiefly manmade fibers .....		2258-311	06/87	106.8	112.0	112.9	9.7	.8
Other finished warp knit fabrics .....		2258-4	06/81	109.3	110.2	110.3	6.1	.1
Others .....		2258-439	09/81	118.9	119.9	120.0	6.1	.1
Contract work on gray and finished warp knit fabric .....		2258-9	06/81	106.8	108.0	108.1	1.3	.1
Contract knitting/finishing .....		2258-915	06/81	106.8	108.0	108.1	1.3	.1
Secondary products and miscellaneous receipts .....		2258-SM						
Secondary products .....		2258-S	06/81	114.0	114.5	114.5	.9	0
Other secondary products .....		2258-SSS	06/81	117.6	119.3	119.3	2.9	0
Knitting mills n.e.c. ....	2259		12/85	104.5	107.4	107.4	-5	0
Primary products .....		2259-P	12/85	103.7	106.8	106.8	-5	0
Other knit end products .....		2259-2	12/85	100.6	105.6	105.6	5.0	0
Other knit end products, n.e.c. ....		2259-298	12/85	100.6	105.6	105.6	5.0	0
Dyeing and finishing textiles, except wool fabrics and knit goods .....	226		12/84	113.9	114.0	114.1	2.1	.1
Finished cotton broadwoven fabric .....	2261		06/84	107.4	107.5	107.8	2.8	.3
Primary products .....		2261-P	06/84	110.0	110.2	110.3	3.6	.1
Non-commission finished fabric .....		2261-7	06/84	110.8	111.8	111.2	5.3	-5

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Finished cotton broadwoven fabric—Continued								
Plain weaves .....		2261-72	06/87	107.6	109.1	108.3	3.4	-0.7
Other plain weaves .....		2261-725	06/87	109.0	115.4	112.8	6.5	-2.3
Commission finishing .....		2261-9						
Commission finishing .....		2261-911	02/86	108.3	107.1	108.4	.5	1.2
Secondary products and miscellaneous receipts .....		2261-SM						
Secondary products .....		2261-S	06/84	92.2	92.2	92.9	-2	.8
Finished synthetic fiber and silk broadwoven fabric .....	2262		06/84	118.2	118.2	118.4	1.7	.2
Primary products .....		2262-P	06/84	121.2	121.2	121.3	2.1	.1
Non-commission finished fabric .....		2262-8	06/84	127.4	127.5	127.5	2.4	0
Commission finishing .....		2262-9	06/84	109.4	109.0	109.5	1.7	.5
Commission finishing .....		2262-911						
Secondary products and miscellaneous receipts .....		2262-SM						
Secondary products .....		2262-S	06/84	109.7	110.0	110.0	-3	0
Finished yarn, raw stock, braided goods and narrow fabric, except knits and wool .....	2269		06/83	113.2	113.6	113.5	3.1	-.1
Primary products .....		2269-P	06/83	114.2	114.5	114.3	3.3	-.2
Dyed yarn .....		2269-2	06/83	114.4	114.6	114.4	3.3	-.2
Chiefly carded cotton yarn .....		2269-221	06/83	113.9	114.2	108.8	( <sup>3</sup> )	-4.7
Chiefly combed cotton yarn .....		2269-223	06/83	116.7	120.4	123.3	( <sup>3</sup> )	2.4
Chiefly acrylic or modacrylic yarn .....		2269-232	06/83	106.5	105.1	105.1	1.4	0
Polyester/cotton spun yarn .....		2269-241	06/83	106.5	108.2	108.2	( <sup>3</sup> )	0
Other chiefly polyester spun yarn .....		2269-243	06/83	117.0	117.4	117.6	( <sup>3</sup> )	.2
Finished yarn other than bleached or dyed .....		2269-3	06/83	116.7	116.3	118.8	5.8	2.1
Mercerized cotton yarn .....		2269-351	06/83	112.6	112.6	114.7	3.7	1.9
Secondary products .....		2269-S	11/83	106.9	111.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Floor covering mills .....	227		12/84	107.7	107.7	107.8	2.1	.1
Woven carpets and rugs .....	2271		06/85	115.9	116.4	117.2	14.0	.7
Primary products .....		2271-P	06/85	115.8	116.4	117.2	14.2	.7
Woven carpets and rugs, including mats and art squares .....		2271-1	06/85	115.8	116.4	117.2	14.2	.7
Other woven carpets and rugs, including upholstery loom type carpeting .....		2271-114	06/85	109.5	113.5	113.5	3.7	0
Tufted carpets and rugs .....	2272		12/79	136.3	136.3	136.3	1.4	0
Primary products .....		2272-P	12/79	137.3	135.8	136.8	1.5	.7
Bathmats and sets and scatter rugs 6 x 9 or less .....		2272-1	12/79	147.8	149.7	150.1	2.2	.3
Tufted broadloom .....		2272-3	12/79	137.1	135.3	136.7	1.9	1.0
Tufted broadloom - nylon .....		2272-30301	12/79	140.7	140.0	140.8	2.4	.6
Tufted broadloom - other fibers and blends .....		2272-30309	12/79	108.5	110.7	112.0	1.2	1.2
Automobile and aircraft carpeting .....		2272-505	12/79	120.8	121.0	120.9	1.9	-.1
Finished only .....		2272-8	12/86	106.7	105.8	104.8	-2.0	-9
Secondary products and miscellaneous receipts .....		2272-SM						
Miscellaneous receipts .....		2272-M	12/80	98.4	139.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Carpets and rugs, n.e.c. ....	2279		06/85	111.4	111.4	111.4	11.7	0
Primary products .....		2279-P	06/85	113.0	113.0	113.0	8.7	0
Carpets and rugs, n.e.c., including mats and art squares .....		2279-1	06/85	113.0	113.0	113.0	8.7	0
Braided, hooked, and other carpets and rugs (except tufted or woven) .....		2279-113	06/85	116.9	116.9	116.9	10.8	0
Yarn and thread mills .....	228		12/84	104.9	107.1	105.4	.6	-1.6
Spun yarn .....	2281		12/82	102.1	104.1	101.5	-2.8	-2.5
Primary products .....		2281-P	12/82	102.1	103.6	103.3	-1.1	-.3
Carded cotton yarns .....		2281-1	12/82	90.9	94.7	93.5	-8.0	-1.3
Gray carded cotton yarns for sale to others .....		2281-113	12/82	89.8	93.9	92.3	-9.2	-1.7
1 - 20 count .....		2281-1131	12/82	95.8	95.9	99.1	-7.9	3.3
Combed cotton yarns .....		2281-2	12/82	106.9	107.1	108.1	-2.2	.9
Gray combed cotton yarns for sale to others .....		2281-213	12/82	106.9	107.1	108.1	-2.2	.9
1 - 25 count .....		2281-2131	12/82	101.3	101.6	103.1	-3.5	1.5
26 count and over .....		2281-2133	12/82	( <sup>3</sup> )	109.7	109.4	-2.7	-.3
Rayon and/or acetate spun yarns .....		2281-3	12/82	111.6	118.2	122.1	16.7	3.3
Gray rayon and/or acetate spun yarns for sale to others .....		2281-313	12/82	111.6	118.2	122.1	16.7	3.3
Spun noncellulosic fiber, silk, and wool yarns .....		2281-4	12/82	103.5	105.0	104.6	.4	-.4
Spun chiefly polyester yarns .....		2281-41	12/82	102.0	103.4	104.6	-1.0	1.2
Gray spun chiefly polyester yarns for sale to others .....		2281-413	12/82	100.8	101.9	102.9	-4.1	1.0
100% spun polyester .....		2281-4133	12/82	109.3	109.3	110.2	1.8	.8
Blends, chiefly polyester .....		2281-4135	12/82	98.8	100.1	101.2	-5.5	1.1
50-50 polyester/cotton blend .....		2281-41351	12/82	98.5	99.8	100.9	-6.7	1.1
Spun noncellulosic fiber, silk, and wool yarns, excluding polyester .....		2281-42	12/82	104.3	105.8	104.7	1.3	-1.0
Gray spun noncellulosic fiber, silk, and wool yarns for sale .....		2281-423	12/82	103.2	104.9	103.5	.6	-1.3
100% acrylic .....		2281-4231	12/82	102.1	108.1	103.8	2.5	-4.0
100% nylon .....		2281-4233	12/82	103.8	102.8	102.9	-1.2	.1
Chiefly wool .....		2281-4234	12/88	100.2	105.9	105.9	( <sup>3</sup> )	0
Other spun noncellulosic fiber and silk yarns, including blends .....		2281-4235	12/82	103.6	103.5	103.5	1.6	0
Finished spun noncellulosic fiber, silk, and wool yarns .....		2281-427	12/82	106.3	107.6	107.0	2.5	-.6
Other spun noncellulosic fiber and silk yarns .....		2281-4273	12/88	99.8	100.7	100.1	( <sup>3</sup> )	-.6
Interplant transfers of gray spun yarn .....		2281-6	12/88	98.1	98.4	98.4	( <sup>3</sup> )	0
Secondary products .....		2281-S	12/82	101.8	108.3	81.1	-19.5	-25.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Texturing, throwing, and winding mill products: cotton, manmade fibers, silk, and wool .....	2282		12/82	115.6	117.0	117.3	5.7	0.3
Primary products .....		2282-P	12/82	115.3	116.7	116.9	5.6	.2
Rewound, plied, and novelty yarns, including wool (not spun or thrown at same est.) .....		2282-2	12/82	112.5	( <sup>3</sup> )	108.2	( <sup>3</sup> )	( <sup>3</sup> )
Thrown filament yarns, except textured .....		2282-3	12/82	113.9	114.1	114.2	2.5	.1
Machine knitting yarns .....		2282-332	12/82	112.3	112.8	113.1	( <sup>3</sup> )	.3
Other thrown yarns .....		2282-335	12/82	112.7	112.7	112.8	( <sup>3</sup> )	.1
Textured, bulked, or crimped filament yarn (made from purchased yarn)		2282-5	12/82	116.1	118.5	118.7	7.0	.2
Nylon .....		2282-515	12/82	112.6	112.8	112.8	1.9	0
Nylon (34 & finer denier) .....		2282-51511	12/82	111.7	115.3	115.3	( <sup>3</sup> )	0
Nylon (35 - 59 denier) .....		2282-51512	12/82	111.9	112.2	112.2	( <sup>3</sup> )	0
Nylon (60 - 89 denier) .....		2282-51513	12/82	101.5	101.7	101.7	6.5	0
Nylon (90 - 210 denier) .....		2282-51514	12/82	103.4	103.5	103.5	6.9	0
Nylon (1000 - 1499 denier) .....		2282-51516	12/88	100.0	99.0	99.0	( <sup>3</sup> )	0
Polyester .....		2282-551	12/82	121.6	126.3	126.3	( <sup>3</sup> )	0
Polyester (90 - 144 denier) .....		2282-55122	12/88	100.0	105.5	105.5	( <sup>3</sup> )	0
Polyester (145 - 179 denier) .....		2282-55123	12/82	123.8	128.9	128.9	( <sup>3</sup> )	0
Polyester (all other deniers) .....		2282-55124	12/88	100.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other textured filament yarns .....		2282-571	02/83	107.7	113.5	116.9	( <sup>3</sup> )	3.0
Commission texturing, throwing, plying, etc. of filament yarns .....		2282-9	12/82	109.5	111.6	111.6	4.5	0
Commission texturing or throwing of filament yarns .....		2282-911	12/82	114.8	117.8	117.8	5.8	0
Secondary products and miscellaneous receipts .....		2282-SM						
Secondary products .....		2282-S	12/88	102.3	102.7	104.4	( <sup>3</sup> )	1.7
Thread mills .....	2284		06/84	112.7	118.4	116.9	8.0	-1.3
Primary products .....		2284-P	06/84	112.6	118.3	116.8	8.0	-1.3
Finished thread for use in the home .....		2284-1	06/84	111.3	113.8	113.8	( <sup>3</sup> )	0
Manmade fiber thread and other thread .....		2284-157	06/84	111.3	114.4	114.4	( <sup>3</sup> )	0
Finished thread for industrial or manufacturers' use .....		2284-2	06/84	112.8	119.8	117.7	9.2	-1.8
Manmade fiber thread and other thread .....		2284-225	06/84	111.3	116.5	116.5	8.4	0
Spun polyester .....		2284-22501	06/84	106.8	110.8	111.1	6.3	.3
Corespun .....		2284-22502	06/84	106.9	111.8	111.8	6.7	0
Textured polyester and nylon .....		2284-22503	12/88	100.0	110.8	110.8	( <sup>3</sup> )	0
Filament polyester and nylon .....		2284-22504	06/84	115.4	116.9	116.9	8.7	0
Secondary products and miscellaneous receipts .....		2284-SM						
Secondary products .....		2284-S	12/84	113.1	115.9	115.9	( <sup>3</sup> )	0
Miscellaneous textile goods .....	229		12/84	110.2	111.4	112.3	5.8	.8
Felt goods, except woven felt and hats .....	2291		12/85	111.2	111.7	112.0	.7	.3
Primary products .....		2291-P	12/85	115.0	115.6	116.0	1.1	.3
Pressed wool felt .....		2291-1	12/85	136.7	136.7	137.5	4.8	.6
Industrial felt .....		2291-111	12/85	132.2	132.2	133.4	7.2	.9
Punched or needled felts .....		2291-2	12/85	105.7	106.6	106.8	-8	.2
Wool felts and man-made fiber felts .....		2291-247	12/85	108.0	109.7	110.3	-1.5	.5
Lace goods .....	2292		12/85	115.2	116.5	116.5	6.4	0
Primary products .....		2292-P	12/85	117.1	118.2	118.2	7.3	0
Secondary products and miscellaneous receipts .....		2292-SM						
Miscellaneous receipts .....		2292-M	12/85	108.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Contract work and other miscellaneous receipts .....		2292-XY9	12/85	108.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Padding and upholstery filling .....	2293		12/85	103.6	105.3	107.2	6.3	1.8
Primary products .....		2293-P	12/85	104.1	105.6	107.4	6.4	1.7
Padding and pads .....		2293-11	12/85	102.1	102.5	104.7	3.7	2.1
All other padding .....		2293-119	12/85	107.4	108.7	111.4	7.5	2.5
Batting, wadding, and mattress felts .....		2293-13	12/85	106.6	110.1	111.6	10.5	1.4
Made from cotton linters, cotton waste, and raw cotton .....		2293-132	12/85	100.3	102.2	103.4	3.9	1.2
Made from all other fibers .....		2293-134	12/85	112.5	117.4	119.3	16.5	1.6
Upholstery filling .....		2293-157	12/85	105.8	105.1	105.1	4.9	0
Processed textile waste .....	2294		12/85	126.7	127.7	131.0	11.0	2.6
Primary products .....		2294-P	12/85	130.5	131.6	135.4	12.3	2.9
Recovered fibers, processed mill waste, and related products .....		2294-1						
Fibers recovered from clips and rags (new and used) .....		2294-114	12/85	94.6	94.6	95.3	6.2	.7
Fibers recovered from mill waste, excluding fibers recovered from clips and rags .....		2294-12	12/85	133.4	134.7	138.7	12.7	3.0
Manmade fibers .....		2294-127	12/85	133.5	139.3	139.3	20.6	0
Nylon .....		2294-12713	12/85	101.1	101.1	101.1	-1.5	0
All other manmade fibers, including combinations of fiber types .....		2294-12714	12/85	141.2	145.7	145.7	17.8	0
Coated fabrics, not rubberized .....	2295		06/85	109.0	110.8	110.8	5.0	0
Primary products .....		2295-P	06/85	107.7	108.5	108.5	2.5	0
Vinyl coated or laminated fabric .....		2295-2	06/85	107.2	108.1	108.1	1.8	0
Lightweight fabric, 10 oz. & under/sq. yd. finished wt .....		2295-211	06/85	101.0	101.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Woven fabric base .....		2295-21113	06/85	100.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Mediumweight fabric, over 10 oz. to 16 oz./sq. yd. finished wt .....		2295-222	06/85	108.2	109.7	109.7	3.0	0
Woven fabric base .....		2295-22222	06/85	107.8	110.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Heavyweight fabric, over 16 oz./sq. yd. finished wt .....		2295-233	06/85	108.1	109.0	109.0	2.8	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Coated fabrics, not rubberized—Continued</b>								
Woven fabric base .....		2295-23332	06/85	106.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Knitted fabric base .....		2295-23334	06/85	109.0	109.6	109.6	3.3	0
Nonwoven fabric base .....		2295-23336	06/85	106.3	109.5	109.5	5.0	0
Polyurethane & other coated & laminated fabric .....		2295-3	06/85	109.1	109.7	109.9	4.1	.2
Polyurethane coated or laminated fabric .....		2295-315	06/85	112.3	114.2	115.0	6.6	.7
Other coated or laminated fabric .....		2295-322	06/85	108.6	108.9	109.0	3.6	.1
Lightweight fabric, 10 oz. & under/sq. yd. finished wt .....		2295-3222	06/85	109.5	109.7	109.7	3.9	0
Woven fabric base .....		2295-32222	06/85	111.7	111.8	111.9	5.0	.1
Mediumweight fabric, over 10 oz. to 16 oz./sq. yd. finished wt .....		2295-3223	06/85	107.4	108.1	108.1	3.0	0
Woven fabric base .....		2295-32232	06/85	107.3	107.3	107.3	2.5	0
Heavyweight fabric, over 16 oz./sq. yd. finished wt .....		2295-3224	06/85	107.4	107.4	108.0	4.3	.6
Secondary products and miscellaneous receipts .....		2295-SM						
Secondary products .....		2295-S	06/85	107.3	107.6	107.6	3.3	0
<b>Tire cord and fabric .....</b>	<b>2296</b>		06/84	108.6	108.8	108.8	7.7	0
Primary products .....		2296-P	06/84	107.8	107.9	107.9	7.7	0
Tire cord and fabric .....		2296-1	06/84	107.8	107.9	107.9	7.7	0
Nylon tire cord and fabric .....		2296-122	06/84	100.3	99.8	99.8	-8	0
Polyester tire cord and fabric .....		2296-133	06/84	102.9	103.9	103.9	6.6	0
<b>Nonwoven fabrics and related products .....</b>	<b>2297</b>		12/85	113.4	115.3	117.7	6.0	2.1
Primary products .....		2297-P	12/85	115.6	117.8	120.6	6.8	2.4
Nonwoven fabrics .....		2297-1	12/85	113.4	115.9	119.8	9.2	3.4
Spun bonded, dry laid, and others .....		2297-13	12/85	107.5	111.4	113.0	10.0	1.4
Under 0.8 ounces per square yard .....		2297-131	12/85	101.8	105.6	105.5	7.5	-.1
0.8 ounces to 1.5 ounces per square yard .....		2297-133	12/85	113.4	114.3	115.6	8.9	1.1
Over 1.5 ounces per square yard .....		2297-135	12/85	108.4	113.0	115.3	11.2	2.0
Fabricated nonwoven products .....		2297-2	01/86	120.5	122.3	122.3	1.4	0
<b>Cordage and twine .....</b>	<b>2298</b>		06/85	109.7	109.9	111.9	4.3	1.8
Primary products .....		2298-P	06/85	110.2	110.4	112.5	3.7	1.9
Hard fiber cordage and twine .....		2298-1	06/85	75.9	74.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Soft fiber cordage and twine, except cotton .....		2298-2	06/85	119.7	120.7	121.9	5.9	1.0
Manmade fiber cordage and twine .....		2298-2A	06/85	121.4	122.4	123.6	5.9	1.0
Fish line, fish net, and fish netting (made in this establishment) .....		2298-207	06/85	158.2	( <sup>3</sup> )	159.6	5.3	( <sup>3</sup> )
Rope .....		2298-208	06/85	110.7	111.6	114.3	6.6	2.4
Polypropylene .....		2298-20811	06/85	119.4	117.3	121.1	5.9	3.2
Nylon .....		2298-20812	06/85	108.8	112.6	113.9	5.6	1.2
All other rope, including rope made with combinations of material .....		2298-20815	06/85	( <sup>3</sup> )	86.7	91.3	( <sup>3</sup> )	5.3
Twine, agricultural .....		2298-211	06/85	108.7	109.4	109.4	6.1	0
All other manmade fiber cordage and twine, including industrial twine .....		2298-212	06/85	114.6	114.9	115.2	5.3	.3
Secondary products and miscellaneous receipts .....		2298-SM						
Secondary products .....		2298-S	06/85	103.6	103.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Textile goods, n.e.c. ....</b>	<b>2299</b>		06/85	123.1	121.6	120.2	2.9	-1.2
Primary products .....		2299-P	06/85	127.0	125.1	123.4	3.1	-1.4
Scouring and combing mill products .....		2299-3	06/85	147.4	142.1	138.3	2.0	-2.7
Other textile goods, n.e.c. ....		2299-5	06/85	104.7	106.8	107.1	2.2	.3
Secondary products and miscellaneous receipts .....		2299-SM						
<b>Apparel and other finished products made from fabrics and similar materials .....</b>	<b>23</b>		12/84	109.0	109.5	109.5	2.6	0

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Men's and boys' suits and coats .....	2311		12/80	136.9	138.6	138.8	6.8	0.1
Primary products .....		2311-P	12/80	137.0	138.8	138.7	6.4	-1
Men's and boys' suits and coats, excluding contract work .....		2311-A	12/86	111.4	111.6	111.5	5.8	-1
Men's suits .....		2311-1	12/80	139.0	139.3	139.2	6.8	-1
Business suits .....		2311-11	12/80	139.8	140.2	140.1	7.2	-1
Regular weight business suits .....		2311-113	12/80	138.6	138.8	138.7	7.3	-1
Fabrics except all wool or wool blends .....		2311-11344	12/80	128.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All wool or wool blends .....		2311-11347	12/86	114.0	114.3	114.2	10.7	-1
Light weight business suits .....		2311-117	12/80	142.8	143.5	143.4	6.9	-1
Fabrics except all wool or wool blends .....		2311-11744	12/80	149.4	149.1	149.1	6.3	0
All wool or wool blends .....		2311-11747	12/80	137.1	138.7	138.5	7.5	-1
Men's tailored dress and sport coats and jackets .....		2311-1	12/80	135.4	135.5	135.4	5.3	-1
Business type dress and sport coats and jackets .....		2311-321	12/80	133.9	133.6	133.6	5.3	0
Fabrics except wool and cotton .....		2311-32144	12/80	132.4	132.0	132.0	4.3	0
All wool or wool blends .....		2311-32145	12/86	115.3	115.2	115.2	6.7	0
Dress, sport coats and jackets, except business, incl. sep. vests .....		2311-322	12/80	142.3	144.5	143.7	5.6	-6
Receipts for contract work on men's and boys' suits and coats .....		2311-9	12/80	139.5	148.5	148.3	9.4	-1
Secondary products and miscellaneous receipts .....		2311-SM						
Secondary products .....		2311-S	12/80	140.8	142.3	145.2	9.3	2.0
Other secondary products .....		2311-SSS	12/80	148.3	149.9	155.3	10.7	3.6
Men's and boys' separate trousers .....		2327-S	12/80	( <sup>3</sup> )	134.9	134.9	7.2	0
Men's, youths' & boys' furnishings, work clothing & allied garments .....	232		12/84	108.4	109.1	109.2	2.7	.1
Men's and boys' shirts, except work shirts .....	2321		06/83	109.2	109.5	109.9	3.5	.4
Primary products .....		2321-P	06/83	109.2	109.6	110.0	3.6	.4
Men's and boys' knit outerwear sport shirts, including sweatshirts .....		2321-2	06/83	103.8	104.0	105.2	2.8	1.2
Men's knit outerwear sportshirts, including sweatshirts .....		2321-211	06/83	101.6	101.8	103.5	2.5	1.7
All cotton and chiefly cotton fibers .....		2321-21115	06/83	106.2	106.5	109.3	5.5	2.6
All manmade and chiefly manmade fibers .....		2321-21117	06/83	95.8	96.0	97.1	-6	1.1
Boys' knit outerwear sport shirts, including sweatshirts .....		2321-225	06/83	109.8	109.9	109.8	3.9	-1
All manmade and chiefly manmade fibers .....		2321-22527	06/83	113.7	113.8	113.7	( <sup>3</sup> )	-1
Men's and boys' dress and woven sport shirts, including uniform shirts ..		2321-4	06/83	112.3	112.9	112.8	4.7	-1
Men's dress and business shirts and collars, including uniform shirts		2321-417	06/83	119.7	120.0	120.0	7.2	0
All cotton and chiefly cotton fibers .....		2321-41718	06/83	113.0	113.2	113.2	5.1	0
All manmade and chiefly manmade fibers .....		2321-41721	06/83	121.8	122.2	122.2	7.9	0
Men's woven sport shirts .....		2321-427	06/83	105.3	106.5	106.1	2.6	-4
All cotton and chiefly cotton fibers .....		2321-42713	09/83	111.0	114.0	113.0	2.2	-9
All manmade and chiefly manmade fibers .....		2321-42714	06/83	102.3	102.3	102.3	2.6	0
Boys' dress and uniform shirts and collars .....		2321-437	06/83	106.7	108.0	107.5	( <sup>3</sup> )	-5
Boys' woven sport shirts .....		2321-438	09/83	99.9	99.9	99.9	( <sup>3</sup> )	0
Contract work on men's and boys' shirts .....		2321-9	06/83	109.4	109.8	109.8	.7	0
Contract work on men's and boys' shirts and collars .....		2321-913	06/83	109.4	109.8	109.8	.7	0
Secondary products and miscellaneous receipts .....		2321-SM						
Miscellaneous receipts .....		2321-M	06/83	98.0	98.0	98.0	.8	0
Resales .....		2321-Z89	06/83	95.8	95.8	95.8	.8	0
Secondary products .....		2321-S	06/83	114.4	114.4	114.4	.1	0
Men's and boys' underwear and nightwear .....	2322		06/82	115.0	115.2	115.3	2.4	.1
Primary products .....		2322-P	06/82	112.4	111.9	112.0	1.9	.1
Men's and boys' knit underwear .....		2322-A	06/82	113.8	114.1	114.2	2.6	.1
Knit undershirts, except thermal .....		2322-1	06/82	114.0	114.0	114.0	2.5	0
Undershirts, except athletic type .....		2322-122	06/82	112.9	112.9	112.9	2.8	0
Knit shorts and briefs, except thermal .....		2322-4	06/82	115.3	115.8	116.2	3.1	.3
Secondary products and miscellaneous receipts .....		2322-SM						
Secondary products .....		2322-S	06/82	136.2	136.4	136.3	4.3	-1
Men's and boys' neckwear .....	2323		12/83	112.3	112.5	112.5	3.6	0
Primary products .....		2323-P	12/83	112.8	113.0	113.0	3.7	0
Men's and boys' neckwear .....		2323-1	12/83	112.8	113.0	113.0	3.7	0
Men's and boys' neckties .....		2323-12	12/83	112.8	113.0	113.0	3.6	0
All silk .....		2323-121	12/83	131.7	131.9	133.1	11.1	.9
All polyester .....		2323-127	12/83	108.0	108.3	108.3	1.3	0
Other fabrics, including blends .....		2323-129	12/83	109.3	109.3	106.0	.2	-3.0
Secondary products and miscellaneous receipts .....		2323-SM						
Men's and boys' separate trousers .....	2327		12/81	113.8	114.8	115.5	4.0	.6
Primary products .....		2327-P	12/81	116.2	116.7	117.5	3.7	.7
Men's and boys' dress and sport trousers and dress shorts .....		2327-1	12/81	113.6	114.2	115.1	4.4	.8
Men's dress and sport trousers, except uniform .....		2327-112	12/81	115.9	116.8	117.7	4.7	.8
All wool and chiefly wool, all fabric constructions .....		2327-1122	06/87	117.2	121.9	121.9	13.0	0
All cotton and chiefly cotton, all fabric constructions .....		2327-1124	12/81	107.5	107.5	107.6	-1.9	.1
All manmade and chiefly manmade, except manmade/wool blends ..		2327-1125	12/81	114.7	114.9	116.5	4.0	1.4
Woven .....		2327-11251	12/81	110.7	110.9	112.5	4.1	1.4
Knit .....		2327-11252	12/81	118.8	119.4	120.9	3.7	1.3
Manmade/wool blends (chiefly manmade), all fabric constructions ...		2327-1127	12/81	120.8	122.3	122.3	8.2	0
Men's and boys' dress shorts .....		2327-146	06/87	102.3	102.3	102.1	1.3	-2
Boys' dress and sport trousers, including uniform .....		2327-157	06/87	106.9	106.9	106.9	3.6	0
Receipts for contract work on men's and boys' trousers .....		2327-9						
Receipts for contract work on men's and boys' trousers .....		2327-911	12/81	127.1	127.1	127.8	1.9	.6

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Men's and boys' separate trousers—Continued								
Secondary products and miscellaneous receipts .....		2327-SM						
Secondary products .....		2327-S	12/81	112.9	116.1	116.2	2.7	0.1
Other secondary products .....		2327-SSS	12/81	113.3	113.6	113.7	.2	.1
Men's and boys' work clothing .....		2328-S	12/81	112.0	119.7	119.7	6.9	0
Men's and boys' work clothing .....	2328		12/81	110.6	111.7	111.3	1.4	-.4
Primary products .....		2328-P	12/81	111.9	112.7	112.6	1.3	-.1
Men's and boys' work shirts .....		2328-1						
Men's and boys' work shirts .....		2328-111	12/81	113.4	115.1	115.1	5.6	0
Men's and boys' jeans, dungarees, and jean-cut casual slacks .....		2328-3	12/81	111.1	111.6	111.5	.4	-.1
Men's jeans, dungarees, and jean-cut casual slacks .....		2328-351	12/81	112.0	112.5	112.3	.4	-.2
Denim .....		2328-35126	12/81	117.1	118.0	117.7	1.5	-.3
Boys' jeans, dungarees, and jean-cut casual slacks .....		2328-352	12/81	108.5	108.8	109.0	.3	.2
Denim .....		2328-35226	12/81	111.9	112.3	112.4	.3	.1
Other fabrics .....		2328-35229	12/81	102.3	102.3	102.8	.5	.5
Men's and boys' other work clothing .....		2328-4	12/81	114.0	116.4	115.9	2.9	-.4
Men's other work clothing .....		2328-451	12/81	113.0	115.7	115.2	3.4	-.4
Washable service apparel .....		2328-45111	12/81	110.1	113.2	113.2	5.5	0
Coveralls and other one piece work suits .....		2328-45114	12/81	109.8	110.6	110.6	5.1	0
Work pants, excluding jeans and dungarees .....		2328-45131	12/81	117.0	120.4	119.4	2.4	-.8
Receipts for contract work on men's and boys' work clothing .....		2328-9						
Receipts for contract work on men's and boys' work clothing .....		2328-911	12/81	110.0	110.0	110.0	.5	0
Secondary products and miscellaneous receipts .....		2328-SM						
Secondary products .....		2328-S	12/81	105.4	107.3	105.9	.5	-1.3
Men's and boys' separate trousers .....		2327-S	12/81	106.9	107.3	107.3	.4	0
Other secondary products .....		2328-SSS	12/81	105.2	107.3	105.7	.5	-1.5
Men's and boys' clothing, n.e.c. ....	2329		12/83	110.9	111.6	111.5	3.6	-.1
Primary products .....		2329-P	12/83	109.9	110.7	110.7	3.5	0
Men's and boys' nontailored heavy jackets and coats .....		2329-1	12/83	110.1	111.4	111.3	4.6	-.1
Men's heavy nontailored jackets and coats, except uniform .....		2329-121	12/83	112.9	114.1	113.7	5.1	-.4
Other fabrics .....		2329-12103	12/83	117.3	118.6	118.6	6.8	0
Men's and boys' swimwear, sweaters, and outerwear n.e.c. ....		2329-2	12/83	109.7	110.1	110.1	2.3	0
Swimwear and athletic shorts .....		2329-22	12/83	109.8	110.1	110.1	.1	0
Men's swimsuits .....		2329-221	12/83	110.7	110.7	110.7	-2.2	0
Men's and boys' athletic shorts .....		2329-223	12/83	112.1	112.8	112.8	3.4	0
Men's and boys' outerwear, n.e.c. ....		2329-25	12/83	109.7	110.1	110.1	3.0	0
Men's light nontailored jackets, except uniform .....		2329-255						
Other fabrics .....		2329-25503	12/83	109.2	109.6	109.6	3.9	0
Boys' light nontailored jackets, except uniform .....		2329-258						
Other men's and boys' outerwear, n.e.c. ....		2329-259	12/83	116.6	116.9	117.1	.7	.2
secondary products and miscellaneous receipts .....		2329-SM						
Miscellaneous receipts .....		2329-M	12/83	117.5	117.5	117.5	2.0	0
Contract work .....		2329-Y99	12/83	117.5	117.5	117.5	1.9	0
Secondary products .....		2329-S	12/83	113.9	114.2	113.9	5.4	-.3
Women's, misses', and juniors' outerwear .....	233		12/84	110.0	110.3	110.2	3.0	-.1
Women's, misses', & juniors' blouses, waists & shirts .....	2331		06/83	120.7	120.7	120.7	3.1	0
Primary products .....		2331-P	06/83	120.3	120.1	120.1	2.6	0
Women's, misses', & juniors' blouses, waists & shirts, excluding contract work .....		2331-A	06/86	106.2	106.0	106.0	3.3	0
Women's, misses', & juniors' knit outerwear sport & sweat shirts .....		2331-2	04/84	92.4	92.4	92.4	1.7	0
Knit outerwear sport shirts .....		2331-243	04/84	92.6	92.6	92.6	1.8	0
All manmade and chiefly manmade fibers .....		2331-24315	06/84	105.7	105.7	105.7	0	0
Women's, misses', & juniors' blouses, waists, & shirts, except knit sport & sweat shirts .....		2331-7	06/83	136.3	136.0	136.0	3.8	0
Knit blouses, waists, & shirts .....		2331-721	06/83	138.4	138.1	138.1	1.3	0
All cotton and chiefly cotton .....		2331-72116	06/86	97.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All manmade and chiefly manmade fibers .....		2331-72117	06/83	140.6	140.4	140.4	.5	0
Woven blouses, waists, & shirts .....		2331-723	06/83	134.7	134.3	134.3	5.7	0
All cotton and chiefly cotton .....		2331-72316	06/85	113.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All manmade and chiefly manmade fibers .....		2331-72317	06/83	132.7	132.2	132.2	7.0	0
Contract work on women's, misses', & juniors' blouses, waists, & shirts .....		2331-9	06/83	104.0	104.1	104.1	.3	0
Secondary products and miscellaneous receipts .....		2331-SM						
Secondary products .....		2331-S	06/83	112.4	113.1	113.1	5.1	.0
Other secondary products .....		2331-SSS	06/83	112.6	114.0	114.0	6.2	0
Women's, misses', & juniors' outerwear, n.e.c. ....		2339-S	06/83	111.9	111.9	111.9	3.8	0
Women's, misses', and juniors' dresses .....	2335		12/80	120.0	120.7	122.4	5.1	1.4
Primary products .....		2335-P	12/80	121.6	122.4	124.2	5.4	1.5
Dresses not made on a contract basis .....		2335-A	06/86	108.5	109.3	111.5	6.9	2.0
Unit priced dresses .....		2335-1	12/80	120.1	120.9	123.4	6.9	2.1
Unit priced - chiefly cotton .....		2335-121	05/83	131.9	133.1	133.1	5.9	0
Unit priced - chiefly synthetic .....		2335-125	12/80	116.5	117.3	120.3	7.4	2.6
Unit priced - chiefly other material .....		2335-129	06/86	96.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Contract work on women's and misses' dresses .....		2335-9	12/80	129.1	129.7	129.2	.9	-.4
Secondary products and miscellaneous receipts .....		2335-SM						
Secondary products .....		2335-S	12/80	117.2	117.2	117.2	-1.4	0
Other secondary products .....		2335-SSS	12/80	( <sup>3</sup> )	111.0	111.0	-3.0	0
Women's and misses' suits and coats .....		2337-S	12/80	123.4	123.4	123.4	0	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Women's, misses', and juniors' suits and coats .....	2337		12/82	108.7	109.6	108.6	2.0	-0.9
Primary products .....		2337-P	12/82	110.7	111.7	110.4	1.8	-1.2
Coats, suits, and skirts, excluding contract work .....		2337-A	06/86	106.4	107.4	105.8	1.3	-1.5
Coats, except fur, all leather, and rain .....		2337-1	12/82	102.0	106.4	105.9	1.8	-5
All wool and chiefly wool .....		2337-122	12/82	112.5	118.3	117.5	0	-7
Suits .....		2337-2	12/82	110.4	110.4	103.4	.2	-6.3
Other suits, including uniforms .....		2337-251	12/82	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Woven .....		2337-25101	12/82	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Skirts and jackets .....		2337-4	12/82	113.3	111.5	114.0	1.8	2.2
Skirts, including uniform .....		2337-41	12/82	120.1	112.6	117.1	-3	4.0
Woven .....		2337-415	12/82	114.9	115.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Jackets .....		2337-42	12/82	103.3	109.8	109.5	5.2	-3
Separate tailored suit-type jackets, including uniform .....		2337-422	12/82	103.9	111.2	110.9	5.9	-3
Woven .....		2337-42201	12/82	88.9	95.1	94.8	5.9	-3
Contract work on women's, misses' and juniors' suits and coats .....		2337-9	12/82	120.4	121.4	121.3	3.8	-1
Contract work on women's, misses' and juniors' suits and coats .....		2337-911	12/82	120.4	121.4	121.3	3.8	-1
Secondary products and miscellaneous receipts .....		2337-SM						
Secondary products .....		2337-S	12/82	109.8	110.6	110.6	2.7	0
Women's, misses' and juniors' blouses, waists and shirts .....		2331-S	12/82	119.3	( <sup>3</sup> )	120.5	8.1	( <sup>3</sup> )
Other secondary products .....		2337-SSS	06/86	( <sup>3</sup> )	( <sup>3</sup> )	113.4	6.9	( <sup>3</sup> )
Women's, misses' and juniors' outerwear, n.e.c. ....		2339-S	12/82	94.7	94.8	94.9	-1.5	.1
Women's, misses', and juniors' outerwear, n.e.c. ....	2339		06/83	102.4	102.0	100.7	1.4	-1.3
Primary products .....		2339-P	06/83	103.9	104.1	102.6	1.2	-1.4
Non-commission women's, misses', and juniors' outerwear, n.e.c. ....		2339-A	06/86	104.7	104.9	102.9	1.4	-1.9
Washable service apparel .....		2339-2	06/86	107.9	109.1	109.1	8.2	0
Nurses', maids', waitresses', and similar uniforms .....		2339-213	06/86	107.9	109.1	109.1	8.2	0
Bathing suits .....		2339-4	12/83	125.0	125.3	112.0	7.1	-10.6
Slacks .....		2339-5	06/83	94.2	94.3	93.2	-9	-1.2
Jean-cut casual slacks .....		2339-541	06/83	96.1	96.1	96.1	0	0
All cotton and chiefly cotton .....		2339-54101	06/83	96.1	96.1	96.1	0	0
Other slacks .....		2339-565	06/83	93.4	93.6	92.0	-1.2	-1.7
Knit fabric .....		2339-5651	06/83	106.8	108.7	108.5	4.0	-2
Fabric other than all cotton and chiefly cotton .....		2339-56512	06/83	107.8	109.8	109.8	4.7	0
Woven fabric .....		2339-5652	06/83	83.1	81.9	79.2	-6.2	-3.3
Fabric other than all cotton and chiefly cotton .....		2339-56522	06/83	76.6	75.1	72.0	-11.1	-4.1
Other outerwear, n.e.c. ....		2339-7	06/83	112.2	112.2	112.3	1.2	.1
Play garments and dungarees .....		2339-71	08/83	109.4	109.4	109.5	1.9	.1
Playshorts, pedal pushers, bermudas, and jamaicas .....		2339-716	06/84	109.1	109.1	109.1	-4	0
Other play garments, including playsuits, beachtops, and halters ...		2339-719	10/83	112.4	( <sup>3</sup> )	112.4	12.6	( <sup>3</sup> )
Contract and commission work on women's, misses', and juniors' outerwear, n.e.c. ....		2339-9	06/83	111.6	111.6	111.6	.4	0
Contract and commission work on women's, misses', and juniors' outerwear, n.e.c. ....		2339-911	06/83	111.6	111.6	111.6	.4	0
Secondary products and miscellaneous receipts .....		2339-SM						
Miscellaneous receipts .....		2339-M	10/83	127.2	129.2	110.4	-3.3	-14.6
Resales .....		2339-Z89	10/83	127.2	129.2	110.4	-3.3	-14.6
Secondary products .....		2339-S	06/83	98.6	95.9	99.4	3.1	3.6
Women's, misses', and juniors' blouses, waists, and shirts .....		2331-S	06/83	94.3	94.3	95.6	1.5	1.4
Women's, misses', and juniors' suits, skirts, and coats .....		2337-S	06/83	94.5	94.8	95.2	-9	.4
Other secondary products .....		2339-SSS	06/83	99.9	98.3	99.9	.4	1.6
Women's, misses', children's, and infants' undergarments .....	234		12/84	109.1	108.9	108.5	1.6	-4
Women's and children's underwear and nightwear .....	2341		06/82	111.5	111.1	111.3	1.1	.2
Primary products .....		2341-P	06/82	113.3	113.5	113.5	1.7	0
Women's and children's underwear and nightwear, excluding contract work .....		2341-A	12/87	103.0	103.1	103.2	1.3	.1
Underwear .....		2341-2	06/82	117.4	117.0	117.2	1.2	.2
Women's underwear .....		2341-21	06/82	114.3	113.3	113.5	.2	.2
Slips, half slips, and petticoats .....		2341-211	06/82	110.5	110.5	110.5	1.4	0
Chiefly synthetic fibers .....		2341-2113	06/82	109.6	109.6	109.6	1.3	0
Panties .....		2341-213	06/82	115.7	116.7	116.7	1.3	0
Other women's underwear .....		2341-214	06/82	129.1	118.4	120.0	-5.7	1.4
Girls', children's and infants' underwear .....		2341-22	06/82	130.8	133.5	133.5	5.5	0
Panties .....		2341-223	06/82	119.1	122.3	122.3	2.7	0
Other girls', children's and infants' underwear .....		2341-225	06/82	147.4	149.7	149.7	8.6	0
Nightwear .....		2341-3	06/82	109.5	109.9	109.9	1.3	0
Women's nightwear .....		2341-31	06/82	108.2	108.5	108.5	1.0	0
Nightgowns .....		2341-315	06/82	108.1	107.7	107.7	-1	0
Chiefly synthetic fibers .....		2341-3153	06/82	111.9	111.4	111.4	-2	0
Pajamas .....		2341-316	06/82	105.9	111.0	111.0	6.5	0
Chiefly synthetic fibers .....		2341-3163	06/82	105.9	111.0	111.0	6.5	0
Other women's nightwear .....		2341-317	06/82	111.7	111.5	111.5	3.0	0
Girls', children's and infants' nightwear .....		2341-32	06/82	115.4	116.8	116.7	3.8	-1
Nightgowns .....		2341-325	06/82	141.0	141.0	141.0	4.6	0
Pajamas .....		2341-326	06/82	104.2	106.7	106.6	3.0	-1
Contract work on women's and children's underwear and nightwear .....		2341-9	06/82	115.6	116.5	116.5	4.7	0
Secondary products and miscellaneous receipts .....		2341-SM						
Secondary products .....		2341-S	06/82	94.8	88.4	89.3	-5.8	1.0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Brassieres and allied garments .....	2342		06/82	125.7	126.7	124.0	3.0	-2.1
Primary products .....		2342-P	06/82	126.8	127.9	125.8	2.6	-1.6
Brassieres and allied garments, excluding contract work .....		2342-A	12/87	104.5	105.4	103.7	2.7	-1.6
Brassieres .....		2342-1	06/82	124.3	125.4	122.6	2.1	-2.2
Bandeau .....		2342-14	06/82	124.5	125.6	122.7	2.2	-2.3
Regular strap .....		2342-141	06/82	122.1	123.0	123.0	1.5	0
Soft cup .....		2342-14112	06/82	109.6	111.1	111.1	1.6	0
Contour lined cup .....		2342-14113	06/82	141.2	141.8	141.8	2.1	0
Underwire .....		2342-14114	06/82	122.3	( <sup>3</sup> )	122.8	.8	( <sup>3</sup> )
Contour lined or padded strap .....		2342-142	06/82	128.6	130.2	120.5	3.7	-7.5
Soft cup .....		2342-14212	12/87	104.7	104.7	90.3	4.6	-13.8
Strapless, convertible or other bandeau bras .....		2342-143	06/82	134.2	135.2	131.3	3.3	-2.9
Other bras, including long line .....		2342-15	06/82	119.6	119.9	120.9	.4	.8
Girdles, corsets, combinations and accessories .....		2342-2	06/82	135.0	136.3	136.3	4.2	0
Girdles, with or without openings .....		2342-211	12/87	104.5	104.9	104.9	4.0	0
Corsets, combinations, and accessories .....		2342-241	06/82	112.1	115.2	115.2	4.7	0
Secondary products and miscellaneous receipts .....		2342-SM						
Secondary products .....		2342-S	06/82	115.6	115.6	115.6	4.4	0
Hats, caps, and millinery .....	235		06/85	109.1	109.2	109.7	5.1	.5
Millinery .....	2351		06/85	103.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Primary products .....		2351-P	06/85	103.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Fur felt and wool felt .....		2351-112	06/85	99.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Straw .....		2351-151	06/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Hats and caps, except millinery .....	2352		06/85	110.5	110.6	110.6	4.8	0
Primary products .....		2352-P	06/85	110.5	110.9	110.9	4.7	0
Hats and hat bodies, except cloth and millinery .....		2352-1	06/85	113.9	114.8	114.8	5.3	0
Finished straw hats, except harvest hats, men's and boys' .....		2352-115	06/85	108.7	108.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wool felt finished hats .....		2352-141	06/85	109.2	109.2	109.2	3.9	0
Fur felt finished hats .....		2352-183	06/85	123.1	121.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Cloth hats and caps .....		2352-2	06/85	109.1	109.3	109.3	4.6	0
Men's and boys' woven cloth hats, except uniform .....		2352-212	06/85	119.7	120.9	120.9	9.4	0
Men's and boys' woven cloth caps, except uniform .....		2352-215	06/85	107.6	107.6	107.6	4.4	0
All other hats and caps, inc. harvest hats, women's uniform hats and caps, etc. ....		2352-298	06/85	104.2	104.7	104.6	2.8	-1
Secondary products and miscellaneous receipts .....		2352-SM						
Secondary products .....		2352-S	06/85	112.6	112.6	112.6	7.3	0
Girls', children's, and infants' outerwear .....	236		12/84	105.3	105.2	106.3	3.3	1.0
Girls', children's, and infants' dresses, blouses, and shirts .....	2361		12/84	106.7	107.2	109.2	3.8	1.9
Primary products .....		2361-P	12/84	108.2	108.7	109.9	4.2	1.1
Dresses, blouses, & shirts, except knit sport shirts & sweatshirts .....		2361-1	12/84	109.5	110.6	111.0	2.9	.4
Dresses .....		2361-12	12/84	109.5	111.2	111.8	4.1	.5
Girls' dresses .....		2361-121	12/84	114.9	114.9	114.9	2.0	0
Children's dresses .....		2361-123	12/84	103.5	103.5	104.7	1.7	1.2
All or chiefly manmade fiber fabric .....		2361-12335	12/84	103.5	103.5	105.3	2.3	1.7
Other fabric .....		2361-12377	12/88	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Infants' dresses .....		2361-125	12/84	( <sup>3</sup> )	112.2	112.2	9.6	0
Blouses & shirts, except knit sport shirts & sweatshirts .....		2361-13	12/84	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Girls' blouses & shirts .....		2361-133	07/86	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Knit sport shirts & sweatshirts .....		2361-2	12/84	100.2	100.2	102.3	3.8	2.1
Knit sport shirts .....		2361-21	12/84	100.1	100.1	102.2	3.7	2.1
Children's knit sport shirts .....		2361-215	12/84	95.5	( <sup>3</sup> )	98.3	3.5	( <sup>3</sup> )
All or chiefly manmade fiber fabric .....		2361-21543	12/84	95.5	( <sup>3</sup> )	98.3	3.5	( <sup>3</sup> )
Contract work on dresses, blouses & shirts .....		2361-9	12/84	112.5	112.5	114.0	( <sup>3</sup> )	1.3
Secondary products and miscellaneous receipts .....		2361-SM						
Secondary products .....		2361-S	12/84	99.6	99.6	108.5	9.5	8.9
Girls', children's, & infants' outerwear, n.e.c. ....	2369		12/84	103.1	102.2	102.3	1.8	.1
Primary products .....		2369-P	12/84	103.8	102.6	102.8	1.4	.2
Coats, snowsuits, coat-and-legging sets, suits, vests, & jackets .....		2369-2	12/84	108.6	112.7	113.9	11.7	1.1
Coats .....		2369-21	12/84	( <sup>3</sup> )	103.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Outerwear, n.e.c., except contract work .....		2369-3	12/84	104.4	102.1	102.1	.6	0
Play garments .....		2369-34	12/84	104.4	101.0	101.0	0	0
Girls' play garments .....		2369-342	12/84	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Children's and infants' play garments, except infants' creepers and rompers .....		2369-345	12/84	99.3	99.0	99.0	-4	0
Slacks .....		2369-3451	12/84	105.3	105.3	105.3	0	0
Jeans, dungarees, and shorts .....		2369-3452	02/85	93.5	93.5	93.5	( <sup>3</sup> )	0
Other fabric .....		2369-34522	12/88	100.0	100.0	100.0	( <sup>3</sup> )	0
All other play garments, except infants' creepers and rompers .....		2369-3453	02/85	100.2	98.9	98.9	( <sup>3</sup> )	0
Infants' creepers and rompers .....		2369-346	12/84	113.6	102.7	102.7	-6	0
All or chiefly man-made .....		2369-34611	12/88	( <sup>3</sup> )	102.5	102.5	( <sup>3</sup> )	0
Other outerwear: skirts, swimsuits, headwear, neckwear, buntings, robes, etc. ....		2369-39	12/84	106.6	106.0	106.0	-3	0
Skirts .....		2369-393	12/84	101.5	( <sup>3</sup> )	101.5	.7	( <sup>3</sup> )
Headwear, neckwear, buntings, robes, etc. ....		2369-398	12/84	116.0	114.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Girls', children's, & infants' outerwear, n.e.c.—Continued								
Contract work on children's outerwear, n.e.c. ....		2369-9	12/84	100.6	100.6	100.6	0	0
Secondary products and miscellaneous receipts .....		2369-SM						
Secondary products .....		2369-S	12/84	98.0	98.9	99.1	3.8	.2
Girls', children's, and infants' dresses, blouses, & shirts .....		2361-S	12/84	99.8	100.4	100.4	1.2	0
Other secondary products .....		2369-SSS	12/84	96.4	97.4	97.7	5.9	.3
Fur goods .....	2371		12/83	108.8	103.8	103.5	-13.6	-3
Primary products .....		2371-P	12/83	111.3	106.0	105.6	-13.1	-4
Fur products .....		2371-1	12/83	111.3	106.0	105.6	-13.1	-4
Mink .....		2371-111	12/83	109.9	107.2	106.7	-8.3	-5
Miscellaneous apparel and accessories .....	238		06/85	108.8	110.3	111.0	3.8	.6
Fabric dress and work gloves .....	2381		06/85	109.4	109.8	110.8	4.7	.9
Primary products .....		2381-P	06/85	107.3	107.8	107.7	2.1	-1
Work gloves and mittens .....		2381-2	06/85	107.7	108.2	108.2	2.3	0
All fabric .....		2381-211	06/85	107.5	108.1	108.1	2.3	0
Single canton flannel .....		2381-21122	06/85	104.8	105.8	105.8	1.8	0
Double canton flannel .....		2381-21124	06/85	106.8	106.7	106.7	2.6	0
Fleeced cotton jersey .....		2381-21132	06/85	106.5	106.6	106.6	3.1	0
Leather or plastic and fabric combinations .....		2381-251	06/85	109.0	109.0	109.0	2.3	0
Secondary products and miscellaneous receipts .....		2381-SM						
Secondary products .....		2381-S	06/85	126.5	126.5	126.5	12.7	0
Robes and dressing gowns, except children's .....	2384		06/85	104.2	105.4	105.9	2.8	.5
Primary products .....		2384-P	06/85	104.0	105.1	105.8	3.3	.7
Women's, misses' and juniors' robes and dressing gowns .....		2384-2	06/85	104.0	104.0	104.9	2.8	.9
All other fabrics .....		2384-203	06/85	104.8	104.8	104.8	2.4	0
Secondary products and miscellaneous receipts .....		2384-SM						
Miscellaneous receipts .....		2384-M	06/85	104.6	107.1	107.1	2.0	0
Secondary products .....		2384-S	06/85	104.9	104.9	104.9	.1	0
Waterproof outer garments .....	2385		06/85	108.8	110.4	112.1	3.5	1.5
Primary products .....		2385-P	06/85	109.3	110.7	112.7	3.4	1.8
Raincoats and raincapcs .....		2385-141	06/85	109.6	110.0	112.2	2.7	2.0
Men's and boys' .....		2385-14111	06/85	107.8	108.9	110.2	2.9	1.2
Women's, misses', and juniors' .....		2385-14122	06/85	110.8	110.8	113.5	2.4	2.4
Other waterproof outer garments .....		2385-198	06/85	116.0	117.5	116.9	3.1	-5
Secondary products and miscellaneous receipts .....		2385-SM						
Secondary products .....		2385-S	06/85	105.7	108.5	108.5	5.3	0
Leather and sheep lined clothing .....	2386		12/85	119.1	120.3	122.2	3.6	1.6
Primary products .....		2386-P	12/85	117.8	119.1	121.4	4.3	1.9
Leather coats and jackets .....		2386-1A	12/85	118.4	119.8	122.2	4.4	2.0
Men's and boys' .....		2386-101	12/85	124.1	127.0	127.0	2.9	0
Women's, misses', and juniors' .....		2386-102	12/85	112.2	112.2	117.0	6.3	4.3
Apparel belts .....	2387		06/85	107.8	110.3	110.5	5.0	.2
Primary products .....		2387-P	06/85	106.1	108.4	108.9	4.1	.5
Leather belts .....		2387-1	06/85	107.0	110.7	111.0	4.4	.3
Women's and children's made for sale separately .....		2387-115	06/85	102.6	( <sup>3</sup> )	103.1	1.4	( <sup>3</sup> )
Men's and boys' .....		2387-151	06/85	111.5	115.6	115.9	4.6	.3
Belts other than leather .....		2387-2	06/85	104.1	103.4	104.1	3.3	.7
Women's and children's made for sale separately .....		2387-215	06/85	106.5	( <sup>3</sup> )	106.5	4.7	( <sup>3</sup> )
Men's and boys' .....		2387-251	06/85	110.5	110.5	110.5	6.8	0
Secondary products and miscellaneous receipts .....		2387-SM						
Secondary products .....		2387-S	06/85	115.7	118.8	117.8	9.4	-8
Apparel and accessories, n.e.c. ....	2389		12/85	106.7	107.4	107.4	2.8	0
Primary products .....		2389-P	12/85	106.1	106.8	106.8	2.5	0
Burial garments .....		2389-181	12/85	110.0	111.8	111.8	3.0	0
Academic caps and gowns and costumes, including theatrical .....		2389-191	12/85	107.9	108.7	108.7	3.1	0
Secondary products and miscellaneous receipts .....		2389-SM						
Miscellaneous receipts .....		2389-M	12/85	111.2	111.2	111.2	5.3	0
Secondary products .....		2389-S	12/85	106.9	107.7	107.7	2.1	0
Miscellaneous fabricated textile products .....	239		12/84	106.6	107.4	107.4	1.6	0
Curtains and draperies .....	2391		06/84	108.5	110.0	110.1	2.0	.1
Primary products .....		2391-P	06/84	107.3	108.0	108.0	.9	0
Curtains, except lace .....		2391-2	06/84	108.4	108.5	108.6	1.4	.1
Wholly or chiefly manmade fiber fabrics, plastics, and other materials .....		2391-222	06/84	110.1	110.2	110.4	1.8	.2
Chiefly polyester fabrics .....		2391-22273	06/84	110.1	110.2	110.4	1.8	.2
Draperies .....		2391-4	06/84	106.6	107.7	107.7	.7	0
Wholly or chiefly cotton fabrics .....		2391-411	06/84	105.2	106.4	106.4	-2.6	0
Wholly or chiefly manmade fiber fabrics, plastics, and other materials .....		2391-444	06/84	107.2	108.3	108.3	2.2	0
Chiefly rayon and acetate fabrics .....		2391-44471	06/84	104.8	106.6	106.6	2.8	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Curtains and draperies—Continued</b>								
Chiefly polyester fabrics .....		2391-44473	06/84	109.4	110.0	110.0	1.6	0
Other materials, including plastics .....		2391-44474	12/84	105.5	105.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Miscellaneous receipts .....		2391-M	06/84	117.3	126.9	126.9	9.7	0
Contract work and other miscellaneous receipts .....		2391-XY9	06/84	120.3	121.9	121.9	3.4	0
Resales .....		2391-Z89	07/84	108.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		2391-S	06/84	113.7	113.9	113.9	5.0	0
<b>House furnishings, n.e.c.</b>	2392							
Primary products .....		2392-P	06/83	104.8	105.2	105.3	1.7	.1
Bedspreads and bedsets .....		2392-A	06/83	103.3	103.7	103.8	1.4	.1
Tailored, quilted .....		2392-A11	06/88	105.0	105.6	105.3	.7	-.3
Nontailored, except tufted .....		2392-A14	06/88	100.6	( <sup>3</sup> )	100.7	( <sup>3</sup> )	( <sup>3</sup> )
Sheets and pillowcases .....		2392-2	06/88	100.0	101.5	100.7	( <sup>3</sup> )	-.8
Towels and washcloths .....		2392-3	06/83	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other house furnishings .....		2392-3	06/83	96.2	96.2	96.2	1.2	0
Comforters .....		2392-423	06/83	103.9	104.6	104.9	1.9	.3
Blankets .....		2392-482	06/83	89.6	88.1	88.4	1.3	.3
Crib size .....		2392-48286	06/88	100.7	103.4	102.7	( <sup>3</sup> )	-.7
All other housefurnishings, except blankets and comforters .....		2392-4C	06/88	100.0	104.7	102.5	( <sup>3</sup> )	-2.1
Shower/bath curtains, including plastic .....		2392-419	06/88	100.3	101.0	101.4	( <sup>3</sup> )	.4
Mattress protectors .....		2392-419	06/83	90.6	90.6	90.6	( <sup>3</sup> )	0
Tablecloths, other than plastic .....		2392-431	06/83	97.1	99.7	99.5	3.2	-.2
Napkins .....		2392-444	06/83	113.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Bed pillows .....		2392-445	06/83	112.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Fancy pillows and cushions .....		2392-451	06/83	97.2	97.2	98.9	-2.5	1.7
Foam .....		2392-455	06/83	106.0	107.1	107.1	1.5	0
Other materials .....		2392-45557	06/83	105.1	105.1	105.1	( <sup>3</sup> )	0
Mops and dusters .....		2392-45559	06/83	106.3	107.8	107.8	1.8	0
Sponge mops .....		2392-477	06/83	110.1	109.8	109.7	-1.9	-.1
All other house furnishings .....		2392-47775	06/83	102.6	103.1	103.0	( <sup>3</sup> )	-.1
Secondary products and miscellaneous receipts .....		2392-498	06/83	117.5	118.2	118.8	3.0	.5
Miscellaneous receipts .....		2392-SM						
Contract work and other miscellaneous receipts .....		2392-M	06/83	106.0	105.8	106.1	2.2	.3
Resales .....		2392-XY9	06/83	104.3	104.3	104.9	( <sup>3</sup> )	.6
Secondary products .....		2392-Z89	06/83	107.9	107.4	107.4	3.2	0
Secondary products .....		2392-S	06/83	116.9	116.7	116.9	3.6	.2
<b>Textile bags</b>	2393							
Primary products .....		2393-P	12/85	105.7	106.3	106.3	1.6	0
Vegetable fiber bags .....		2393-1	12/85	105.4	106.3	106.3	2.2	0
Cotton, including cotton canvas and open mesh cotton .....		2393-121	12/85	104.1	104.1	104.2	1.4	.1
Other textile bags .....		2393-2	12/85	123.6	123.6	123.6	1.0	0
Wholly or chiefly manmade fiber fabrics .....		2393-241	12/85	107.1	109.1	109.1	3.3	0
Secondary products and miscellaneous receipts .....		2393-SM						
Secondary products .....		2393-S	12/85	106.7	108.7	108.7	3.3	0
Secondary products .....		2393-S	12/85	104.0	104.0	104.0	.2	0
<b>Canvas and related products</b>	2394							
Primary products .....		2394-P	12/85	112.1	115.2	114.2	4.0	-.9
Awnings .....		2394-211	12/85	112.7	114.9	113.8	3.5	-1.0
Tents .....		2394-3	12/85	122.6	123.1	123.1	5.4	0
Camping tents .....		2394-344	12/85	110.5	110.5	111.1	2.1	.5
Other tents .....		2394-366	12/85	116.2	116.2	116.2	1.1	0
Commercial and other tents .....		2394-36637	12/85	102.7	102.7	104.3	3.8	1.6
Tarpaulins and other covers .....		2394-5	12/85	103.4	103.4	105.0	3.8	1.5
Flat .....		2394-533	12/85	114.4	117.9	114.0	3.0	-3.3
Fitted .....		2394-533	12/85	115.9	122.3	115.2	1.9	-5.8
Other products .....		2394-555	12/85	112.6	112.6	112.6	4.5	0
Sails .....		2394-8	12/85	109.0	114.5	113.0	5.7	-1.3
Other products, including shades, air cushions, fuel containers, etc. ....		2394-877	12/85	119.9	125.4	125.4	3.5	0
Secondary products and miscellaneous receipts .....		2394-898	12/85	101.8	107.2	104.8	7.6	-2.2
Secondary products .....		2394-SM						
Secondary products .....		2394-S	12/85	118.1	128.6	128.4	3.5	-.2
<b>Pleating, Stitching, and Tucking</b>	2395							
Primary products .....		2395-P	12/85	112.6	113.3	113.6	4.1	.3
Embroideries, stamped art goods, other needlework, printing on purchased fabric .....		2395-1	12/85	113.0	113.7	114.1	4.1	.4
Embroideries, including embroidered art needlework .....		2395-112	12/85	111.7	112.2	112.6	4.5	.4
Stamped art goods for embroidering needlework, punching, etc. and other needlework .....		2395-131	12/85	111.5	111.5	111.5	2.7	0
Printing on purchased fabricated textile products, including silk screen .....		2395-141	12/85	117.4	119.8	122.1	11.0	1.9
Commission embroidering, printing, tucking, pleating, etc. for the trade .....		2395-9	12/85	108.2	108.3	108.2	3.5	-.1
Contract tucking, pleating, hemstitching, etc. ....		2395-931	12/85	122.2	124.5	124.5	1.6	0
Contract printing for the trade .....		2395-941	12/85	112.5	117.8	117.8	4.0	0
Secondary products and miscellaneous receipts .....		2395-SM						
Secondary products .....		2395-S	12/85	102.4	102.4	102.4	0	0
Secondary products .....		2395-S	12/85	123.4	123.4	123.4	13.1	0
<b>Automotive trimmings, apparel findings, and related products</b>	2396							
Primary products .....		2396-P	12/83	106.6	106.6	106.6	3.2	0
Primary products .....		2396-P	12/83	106.3	106.3	106.3	3.3	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Automotive trimmings, apparel findings, and related products—Continued								
Men's and boys' suit and coat findings, and hat and cap trimmings .....		2396-1	12/83	117.2	117.7	117.5	2.8	-0.2
Men's and boys' coat, suit, and trouser findings .....		2396-111	12/83	119.8	120.3	119.8	2.7	-4
Automotive trimmings .....		2396-2	12/83	105.7	105.7	105.7	3.4	0
Other trimmings and findings .....		2396-3	12/83	105.2	105.2	105.2	2.0	0
Women's and children's apparel trimmings and findings .....		2396-311	12/83	106.0	106.0	106.0	2.8	0
Bias bindings, except fused or sealed edge .....		2396-333	12/83	122.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2396-SM						
Miscellaneous receipts .....		2396-M	12/83	106.8	106.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Contract work and other miscellaneous receipts .....		2396-XY9	12/83	101.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		2396-S	12/83	120.3	120.3	120.3	1.3	0
Schiffli machine embroideries .....								
Primary products .....	2397	2397-P	06/85	121.9	125.5	125.4	3.8	-1
Eyelet .....		2397-113	06/85	123.6	127.6	127.4	3.9	-2
Novelties .....		2397-115	06/85	133.2	133.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2397-SM	06/85	116.2	123.3	123.0	7.5	-2
Miscellaneous receipts .....		2397-M	06/85	101.7	101.7	103.2	1.5	1.5
Contract work and other miscellaneous receipts .....		2397-XY9	06/85	101.7	101.7	103.2	1.5	1.5
Fabricated textile products, n.e.c. ....								
Primary products .....	2399	2399-P	12/85	98.2	99.0	99.4	-4.0	.4
Automobile seat covers .....		2399-115	12/85	97.9	98.8	98.7	-4.9	-1
Seat or safety belts, including shoulder harnesses, except leather .....		2399-125	12/85	119.0	120.2	120.2	4.3	0
Flags, banners, and similar emblems .....		2399-125	12/85	87.4	87.4	87.4	-14.1	0
All other fabricated textile products, n.e.c. ....		2399-141	12/85	110.0	112.6	112.6	3.2	0
Secondary products and miscellaneous receipts .....		2399-198	12/85	103.0	103.4	103.3	.7	-1
Miscellaneous receipts .....		2399-SM						
Contract work and other miscellaneous receipts .....		2399-M	12/85	92.8	92.8	101.3	7.4	9.2
Secondary products .....		2399-XY9	12/85	91.4	91.4	99.8	5.8	9.2
Secondary products .....		2399-S	12/85	108.0	107.8	107.8	2.5	0
Lumber and wood products, except furniture .....								
Logging camps and logging contractors .....	24		12/84	110.7	114.2	115.3	5.8	1.0
Logging camps and logging contractors .....								
Primary products .....	2411	2411-P	12/81	118.7	122.5	124.1	10.1	1.3
Softwood logs, bolts, and timber .....		2411-1	12/81	115.3	119.4	121.6	6.2	1.8
Douglas fir .....		2411-117	12/81	124.1	130.4	133.8	9.6	2.6
Sawlogs and bolts .....		2411-117	12/81	121.7	129.1	135.3	16.0	4.8
Veneer logs and bolts .....		2411-11744	12/81	121.8	128.3	135.5	15.9	5.6
Softwood, except Douglas fir .....		2411-11766	12/81	120.9	133.4	134.0	16.8	.4
Southern yellow pine .....		2411-13	12/81	125.7	131.3	132.8	5.6	1.1
Ponderosa pine .....		2411-131	12/81	68.0	68.2	68.1	4.1	-1
Spruce .....		2411-132	06/82	169.1	( <sup>3</sup> )	185.5	21.3	( <sup>3</sup> )
Hemlock .....		2411-133	12/81	142.7	146.5	146.5	8.4	.0
Western red cedar .....		2411-135	12/81	139.8	147.8	147.4	-1.3	-3
Other softwood log species, n.e.c. ....		2411-136	12/81	197.9	210.3	210.8	12.6	.2
Hardwood logs, bolts, and timber .....		2411-137	12/81	111.6	118.5	120.9	6.5	2.0
Other hardwood log species, n.e.c. ....		2411-2	12/81	120.5	121.2	121.2	2.1	0
Pulpwood .....		2411-221	12/81	104.6	106.1	106.1	.5	0
Softwood .....		2411-3	12/81	87.1	87.0	87.0	1.2	0
Hardwood .....		2411-31115	12/81	82.5	82.2	82.2	1.2	0
Other roundwood products .....		2411-32227	12/81	96.8	97.7	97.7	.4	0
Other roundwood products, n.e.c. ....		2411-4	06/82	78.6	77.2	78.2	-9	1.3
Contract logging .....		2411-429	06/82	78.6	77.4	77.4	-2.9	0
Contract logging .....		2411-9	12/81	103.2	103.6	104.1	-2.3	.5
Secondary products and miscellaneous receipts .....		2411-911	12/81	103.2	103.6	104.1	-2.3	.5
Secondary products and miscellaneous receipts .....		2411-SM						
Sawmills and planing mills .....								
Primary products .....	242		12/84	109.2	115.3	116.8	5.1	1.3
Sawmills and planing mills .....								
Primary products .....	2421	2421-P	12/80	105.8	112.4	114.1	5.6	1.5
Hardwood lumber rough and dressed except siding .....		2421-1	12/80	106.6	113.8	115.4	5.8	1.4
Hardwood rough lumber .....		2421-12	12/80	130.5	131.7	130.9	-7.3	-6
Oak .....		2421-121	12/80	128.1	129.5	128.6	-7.8	-7
Red, no. 1 common .....		2421-1211	12/80	140.9	142.6	140.7	-14.2	-1.3
White .....		2421-12111	12/80	146.9	148.9	145.4	-18.1	-2.4
Other Oak .....		2421-12112	12/80	131.2	132.7	132.7	-10.1	0
Poplar .....		2421-12119	12/80	141.1	142.8	142.3	-4.5	-4
No. 1 common .....		2421-122	12/80	114.1	114.1	114.3	-3.4	.2
Other Poplar .....		2421-12211	12/80	99.2	99.4	99.9	-7.8	.5
Hardwood other than Oak and Poplar .....		2421-12219	12/80	108.6	108.6	108.6	0	0
Gum .....		2421-129	12/80	118.1	119.4	119.1	-1.0	-3
Maple, Beech and Ash .....		2421-1291	12/80	112.7	112.7	112.7	.3	0
Other hardwoods .....		2421-1295	12/86	121.8	122.3	122.3	-4.6	0
Hardwood, dressed lumber, including ceiling, framing, and matched and shiplapped lumber .....		2421-1299	12/80	107.7	109.7	109.2	1.8	-5
Oak .....		2421-13	12/80	142.7	142.9	143.3	-3.7	.3
Other hardwood species .....		2421-131	08/85	128.8	128.6	128.6	-8.1	0
Softwood lumber, rough and dressed, except siding .....		2421-139	12/80	127.9	128.4	129.0	.1	.5
Softwood lumber, rough and dressed, Eastern species, except siding .....		2421-2	12/80	105.4	113.7	115.9	7.6	1.9
Softwood lumber, rough and dressed, Eastern species, except siding .....		2421-3	12/80	108.6	107.2	106.6	-4.7	-6

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Sawmills and planing mills—Continued</b>								
Rough softwood lumber, Eastern species .....		2421-31	12/80	105.0	109.3	109.4	5.2	0.1
Boards - lumber less than 2 inches in nominal thickness .....		2421-311	12/80	88.6	88.6	88.6	-7	0
Light framing lumber 2 inch nominal thickness only .....		2421-312	12/80	120.2	( <sup>3</sup> )	130.5	11.6	( <sup>3</sup> )
Lumber and timbers over 2 inches in nominal thickness .....		2421-313	12/80	98.1	98.1	98.1	-1.1	0
Dressed softwood lumber, Eastern species .....		2421-32	12/80	110.2	106.4	105.5	-8.4	-8
Boards - lumber less than 2 inches in nominal thickness .....		2421-321	12/80	116.9	114.3	115.2	-3.1	.8
Southern Pine .....		2421-3211	12/80	116.9	114.1	113.8	-4.4	-3
Finish, c and better .....		2421-32111	12/80	104.8	107.8	108.2	6.1	.4
Boards, no. 2 .....		2421-32113	12/80	130.7	125.9	125.5	-7.4	-3
Other Southern Pine Boards .....		2421-32119	12/80	120.9	119.4	118.8	-6	-5
Light framing lumber 2 inch nominal thickness only .....		2421-322	12/80	110.0	104.8	102.8	-10.8	-1.9
Southern Pine .....		2421-3221	12/80	105.1	99.8	97.6	-12.2	-2.2
Dimension, no. 1 .....		2421-32211	12/80	97.8	90.1	89.5	-14.5	-7
Dimension no. 2 .....		2421-32212	12/80	107.8	101.3	98.5	-15.7	-2.8
Other 2 inch Southern Pine lumber .....		2421-32219	12/80	101.9	99.2	97.4	-5.2	-1.8
Lumber and timbers over 2 inch nominal thickness, Eastern species .....		2421-323	12/80	89.4	91.0	90.7	-11.3	-3
Southern Pine .....		2421-32311	12/80	83.2	84.7	84.4	-11.3	-4
Softwood lumber, rough and dressed, Western species .....		2421-4	12/80	103.7	116.0	119.4	13.1	2.9
Rough softwood lumber, Western species .....		2421-41	12/80	101.3	115.1	118.9	10.5	3.3
Boards - lumber less than 2 inches in nominal thickness .....		2421-411	12/80	108.6	126.7	125.3	7.4	-1.1
Light framing lumber 2 inch nominal thickness only .....		2421-412	12/80	80.5	88.0	93.3	6.1	6.0
Lumber and timbers over 2 inches in nominal thickness .....		2421-413	12/80	129.5	148.8	156.4	18.8	5.1
Dressed softwood lumber, Western species .....		2421-42	12/80	105.0	116.8	119.9	14.1	2.7
Boards-lumber less than 2 inch nominal thickness .....		2421-421	12/80	106.5	116.6	118.2	11.2	1.4
Douglas Fir .....		2421-4211	12/80	94.8	106.8	110.4	19.5	3.4
Other boards .....		2421-42119	12/80	94.5	104.4	108.8	17.2	4.2
Ponderosa Pine .....		2421-4212	12/80	123.6	135.5	135.5	9.6	0
No. 3 boards .....		2421-42121	12/80	88.6	97.0	95.9	19.4	-1.1
Other boards .....		2421-42129	12/80	136.4	151.6	152.0	7.6	.3
Redwood and Western Red Cedar .....		2421-4216	12/86	100.8	102.2	101.1	-3.5	-1.1
Other boards, Western dressed softwood .....		2421-4219	12/80	124.7	133.8	133.5	5.0	-2
Lumber of 2 inches nominal thickness only .....		2421-422	12/80	102.9	114.4	115.5	14.1	1.0
Douglas Fir .....		2421-4221	12/80	104.8	116.1	118.3	19.6	1.9
Standard and better .....		2421-42214	12/80	118.0	130.0	132.8	20.8	2.2
Other 2 inch Douglas Fir lumber .....		2421-42219	12/80	110.8	122.6	124.3	12.8	1.4
Ponderosa Pine .....		2421-4222	12/80	94.8	103.1	102.6	5.0	-5
White Fir .....		2421-4224	12/80	114.7	131.7	132.7	14.3	.8
Standard and better .....		2421-42241	12/80	114.1	135.5	137.2	17.9	1.3
Other 2 inch White Fir lumber .....		2421-42249	12/80	115.9	124.6	124.3	7.6	-2
Western Hemlock .....		2421-4225	12/80	90.6	108.3	109.6	14.5	1.2
Dimension, std. and btr. ....		2421-42251	12/80	89.8	99.5	100.4	9.0	.9
Other 2 inch Western Hemlock lumber .....		2421-42259	12/80	91.7	120.3	122.1	21.4	1.5
Redwood 2 inch lumber .....		2421-4226	12/80	94.0	103.7	111.1	15.6	7.1
Lodgepole, Sugar, and Western (Idaho) White Pine 2 inch lumber .....		2421-4228	12/80	104.3	109.8	104.0	7.7	-5.3
Other Western softwood 2 inch lumber .....		2421-4229	12/80	109.2	118.5	119.9	10.9	1.2
Lumber and timbers, over 2 inch nominal thickness .....		2421-423	12/80	113.0	132.3	153.6	22.4	16.1
Douglas Fir .....		2421-4231	12/80	109.1	143.5	164.6	35.0	14.7
Other Western softwood timbers .....		2421-4239	12/80	115.8	121.8	143.2	12.0	17.6
Wood chips .....		2421-5	12/80	90.7	94.5	96.0	8.8	1.6
Short tons .....		2421-577	12/80	104.1	109.0	110.8	10.2	1.7
Standard units .....		2421-578	12/80	72.8	75.5	76.5	6.8	1.3
Softwood cut stock .....		2421-7	12/80	106.2	129.1	129.6	17.3	.4
Other industrial cut stock .....		2421-751	12/80	103.3	125.5	126.0	17.3	.4
Softwood flooring, siding and other sawmill and planing mill products .....		2421-8	12/80	111.1	111.9	112.2	-3	.3
Softwood flooring .....		2421-811	12/80	116.6	116.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Woodsiding .....		2421-813	12/80	113.0	113.0	110.7	-7.1	-2.0
Railway crossties and mine ties .....		2421-817	12/80	110.5	110.5	110.5	.1	0
Other sawmill products .....		2421-897	12/80	110.0	111.2	113.1	2.3	1.7
Contract or custom work .....		2421-9	12/80	119.9	122.4	122.4	2.5	0
Contract drying, planing, resawing or other manufacturing of lumber owned by others .....		2421-951	12/86	102.0	104.8	104.8	4.4	0
Secondary products and miscellaneous receipts .....		2421-SM						
Secondary products .....		2421-S	12/80	100.4	102.6	105.1	1.3	2.4
<b>Hardwood dimension and flooring .....</b>	<b>2426</b>		<b>06/84</b>	<b>110.8</b>	<b>111.2</b>	<b>110.1</b>	<b>.8</b>	<b>-1.0</b>
Primary products .....		2426-P	06/84	109.7	110.2	109.0	1.0	-1.1
Hardwood flooring .....		2426-1	06/84	103.4	102.4	102.3	-3.1	-1
Oak specialty flooring, block, parquetry, plank, oak faced, backed plywood and other oak .....		2426-119	06/84	117.6	117.2	117.2	2.8	0
Glued laminated truck trailer flooring and railroad car decking .....		2426-141	06/84	92.0	91.9	91.9	-1	0
Other hardwood flooring .....		2426-198	06/84	101.7	101.6	101.4	-1.7	-2
Hardwood dim. stock, furn. parts, and vehicle stock, hardwood dim. incl. glu-lam, excl. plywood .....		2426-2	06/84	110.5	111.4	109.6	2.0	-1.6
Kiln dried, rough or surfaced, dimension stock .....		2426-223	06/84	105.9	105.9	101.4	-1	-4.2
Kiln dried, rough dimension stock .....		2426-22311	06/84	104.7	104.7	104.7	0	0
Kiln dried, surfaced dimension stock .....		2426-22313	06/84	105.9	( <sup>3</sup> )	101.2	-1	( <sup>3</sup> )
Semifabricated dimension stock .....		2426-227	06/84	111.9	111.9	111.9	-5	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Hardwood dimension and flooring—Continued</b>								
Completely fabricated ready for assembly, including furniture parts, except frames .....		2426-229	06/84	113.8	116.5	115.1	6.6	-1.2
Wood frames for household furniture .....		2426-6	06/84	116.3	116.9	116.8	2.6	-1
Wood furniture frames for household furniture .....		2426-611	06/84	116.3	116.9	116.8	2.6	-1
Secondary products and miscellaneous receipts .....		2426-SM						
Special product sawmills, n.e.c. ....	2429		12/85	145.4	152.1	151.2	4.9	-6
Primary products .....		2429-P	12/85	146.3	152.7	151.8	3.8	-6
Red cedar shingles and shakes .....		2429-111	12/85	147.1	154.8	153.7	.5	-7
Shingles .....		2429-11101	12/85	147.8	161.6	159.4	2.8	-1.4
Shakes (handsplit and resawn, taper and straight split) .....		2429-11103	12/85	146.9	152.4	151.7	-5	-5
Millwork, veneer, plywood, and structural wood members .....	243		12/84	109.1	113.1	113.6	6.5	.4
Millwork .....	2431		06/83	115.2	120.2	120.5	6.1	.2
Primary products .....		2431-P	06/83	114.5	119.9	120.2	5.9	.3
Wood window units .....		2431-1	06/83	116.9	120.1	121.0	5.6	.7
Double hung .....		2431-133	06/83	121.3	126.0	126.9	6.7	.7
Casement .....		2431-137	06/83	117.1	119.7	120.0	5.0	.3
Horizontal sliding .....		2431-141	06/83	105.7	107.0	107.0	( <sup>3</sup> )	0
All other, including single hung and skylights .....		2431-145	06/83	101.7	104.4	103.5	2.8	-9
Wood sash, incl. comb. screen and storm sash, and window screens, excl. window units .....		2431-2	06/83	119.8	121.8	121.8	3.9	0
Wood sash; glazed .....		2431-215	06/83	116.6	118.9	118.9	( <sup>3</sup> )	0
Wood window and door frames and door frames shipped in door units ..		2431-3	06/83	99.0	107.6	110.9	( <sup>3</sup> )	3.1
Door frames .....		2431-315	06/83	99.6	112.6	111.7	12.8	-8
Wood doors, int. and ext., incl. those shipped with glazed sections and in door units .....		2431-4	06/83	113.8	117.5	117.8	8.0	.3
Panel type doors, including French doors .....		2431-41	06/88	103.7	108.6	107.6	( <sup>3</sup> )	-9
Douglas fir .....		2431-411	06/83	126.5	133.5	129.7	7.5	-2.8
Western pines .....		2431-413	06/83	113.1	118.7	119.1	8.7	.3
Other species .....		2431-419	06/83	124.6	127.4	129.7	7.5	1.8
Flush type doors, hollow core .....		2431-43	06/88	101.9	102.7	103.6	( <sup>3</sup> )	.9
Softwood faces .....		2431-431	01/84	102.3	102.8	103.4	( <sup>3</sup> )	.6
Hardwood faces, including lauan, birch, oak, etc. ....		2431-433	06/83	108.0	109.4	109.4	5.2	0
Hardboard faces .....		2431-435	06/83	102.2	102.2	103.5	4.1	1.3
Flush type doors, solid core .....		2431-44	06/88	103.2	108.0	108.9	( <sup>3</sup> )	.8
Hardwood faces, including lauan, birch, oak, etc. ....		2431-44A	06/88	103.3	107.6	108.7	( <sup>3</sup> )	1.0
Solid composition core .....		2431-445	06/83	113.6	119.1	121.1	10.4	1.7
Non-hardwood faces .....		2431-44B						
Softwood and other faces .....		2431-448	06/83	110.5	118.3	118.3	10.3	.0
Other wood doors, incl. garage, screen, storm, combination, and louvre .		2431-5	06/83	116.0	118.7	119.6	5.6	.8
Garage doors, wood .....		2431-561	06/83	111.3	119.0	120.1	7.5	.9
Screen doors and combination screen and storm doors, wood .....		2431-575	06/88	101.7	101.7	103.2	( <sup>3</sup> )	1.5
Bi-fold doors, wood .....		2431-584	06/83	116.7	118.4	119.6	6.8	1.0
Sliding patio doors, wood .....		2431-585	06/83	117.4	118.2	118.2	4.5	0
Other wood doors, incl. storm, cabinet, toilet, grain, etc. ....		2431-598	06/83	115.0	116.9	118.6	5.8	1.5
Wood moldings (standard) except prefinished moldings made from purchased moldings .....		2431-6	06/83	110.0	123.4	122.0	4.3	-1.1
Softwood moldings .....		2431-62	06/88	97.1	111.1	109.6	( <sup>3</sup> )	-1.4
Pine .....		2431-621	06/83	107.4	123.5	121.8	5.2	-1.4
Other softwood species .....		2431-622	06/83	109.3	116.7	116.0	5.8	-6
Hardwood, including lauan .....		2431-651	06/83	128.6	129.6	129.6	-2	0
Other millwork products including stairwork and exterior millwork .....		2431-8	06/83	125.8	129.4	129.5	5.3	.1
Stairwork, including treads, risers, balusters, brackets, crooks, newels, rails, etc. ....		2431-82	06/88	101.4	101.9	101.7	( <sup>3</sup> )	-2
Softwood .....		2431-821	06/83	122.1	123.6	123.6	2.5	0
Hardwood .....		2431-825	06/83	122.9	122.9	122.6	1.2	-2
Exterior wood blinds and shutters, with or without hardware .....		2431-831	06/83	109.8	109.8	110.7	.1	.8
Exterior millwork, including porch columns, porch rails, newels, trellises, and entrances .....		2431-835	08/83	125.4	125.4	125.4	8.6	0
Nonstandard wood moldings, carvings, and ornaments suitable for arch. or furn. decorations .....		2431-875	06/83	151.3	156.4	156.4	1.2	0
Other millwork products, n.e.c., including interior millwork .....		2431-898	06/83	130.5	136.7	136.7	7.4	0
Secondary products and miscellaneous receipts .....		2431-SM						
Miscellaneous receipts .....		2431-M	06/83	123.2	126.8	126.8	9.8	0
Resales .....		2431-Z89	06/83	123.9	127.2	127.2	9.9	0
Secondary products .....		2431-S	06/83	116.9	119.1	118.7	4.2	-3
Other secondary products .....		2431-SSS	06/83	120.5	122.7	122.7	5.2	0
Metal doors, sash, and trim .....		3442-S	06/83	106.0	108.5	106.9	1.0	-1.5
Wood kitchen cabinets .....	2434		06/84	113.6	116.1	116.2	3.7	.1
Primary products .....		2434-P	06/84	113.5	116.1	116.2	3.8	.1
Wood kitchen cabinets and cabinetwork, stock line .....		2434-1	06/84	113.6	116.7	116.7	3.8	0
Wood .....		2434-111	06/84	113.8	116.9	116.8	3.8	-1
Plastic laminated .....		2434-113	06/84	112.5	115.4	115.4	3.4	0
Wood kitchen cabinets and cabinetwork, custom .....		2434-2	06/84	113.9	115.5	115.7	3.8	.2
Wood .....		2434-212	06/84	115.0	115.6	115.6	3.0	0
Plastic laminated .....		2434-214	06/84	110.6	115.1	116.3	6.5	1.0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Wood kitchen cabinets—Continued								
Vanities and other cabinetwork .....		2434-3	06/84	111.8	115.4	115.5	3.8	0.1
Stock line .....		2434-316	06/84	110.0	116.5	116.7	7.0	.2
Custom .....		2434-318	06/84	113.9	113.9	113.9	0	0
Secondary products and miscellaneous receipts .....		2434-SM						
Secondary products .....		2434-S	06/84	114.6	116.0	116.0	1.9	0
Millwork .....		2431-S	06/84	109.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other secondary products .....		2434-SSS	06/84	121.4	123.0	123.0	2.8	0
Hardwood veneer and plywood .....	2435		06/85	104.2	107.9	109.2	5.4	1.2
Primary products .....		2435-P	06/85	105.7	110.1	111.4	6.0	1.2
Hardwood plywood .....		2435-1	06/85	106.6	107.3	109.8	4.1	2.3
Veneer core-type II, moisture resistant .....		2435-102	06/85	106.4	107.1	109.4	4.1	2.1
Hardwood plywood type products .....		2435-3	06/85	103.3	103.4	105.1	2.1	1.6
Hardwood veneer panels .....		2435-331	06/85	114.6	115.0	117.3	4.1	2.0
Hardwood veneer, not reinforced or backed .....		2435-4	06/85	105.8	106.9	107.3	1.8	.4
Oak .....		2435-419	06/85	110.6	111.2	111.8	.8	.5
Walnut .....		2435-421	06/85	114.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other hardwoods .....		2435-429	06/85	96.8	97.2	97.6	4.6	.4
Softwood plywood .....	2436		12/80	95.3	99.4	100.2	12.2	.8
Primary products .....		2436-P	12/80	91.6	96.3	98.2	15.0	2.0
Specialty softwood plywood .....		2436-3	12/80	104.9	124.6	127.2	16.4	2.1
Softwood veneer .....		2436-4	12/80	91.0	98.5	111.0	27.9	12.7
Softwood plywood sheathing .....		2436-5	12/80	86.5	86.1	86.8	5.1	.8
Western, inland and other non-southern softwood plywood sheathing .....		2436-511	12/80	90.7	93.1	95.0	12.8	2.0
CDX .....		2436-5111	12/80	84.3	85.1	87.1	9.7	2.4
Underlayerment .....		2436-5112						
Interior .....		2436-51126	12/80	91.6	92.8	96.7	10.8	4.2
All other sheathing .....		2436-5113	12/86	109.5	121.5	120.5	29.3	-8
Interior .....		2436-51132	12/80	82.0	82.9	84.9	14.3	2.4
Southern softwood plywood sheathing .....		2436-522	12/80	83.9	81.4	81.1	-9	-4
CDX .....		2436-52231	12/80	83.9	81.6	80.6	-2.3	-1.2
Sheathing, interior .....		2436-52232	12/80	76.8	74.4	76.1	3.0	2.3
Sanded softwood plywood .....		2436-6	12/80	102.4	116.7	116.7	31.4	0
Western, inland and other non-southern sanded softwood plywood .....		2436-611	12/80	103.5	117.8	117.4	33.4	-3
A-C, exterior .....		2436-61121	12/80	101.5	117.2	114.0	36.2	-2.7
Interior .....		2436-61122	12/80	98.9	114.5	111.8	36.2	-2.4
Southern sanded softwood plywood .....		2436-622	12/80	90.2	104.6	108.4	15.0	3.6
Interior .....		2436-62201	04/85	99.3	116.4	126.0	12.9	8.2
Secondary products .....		2436-S	12/80	117.5	123.9	122.7	7.7	-1.0
Structural wood members, n.e.c. ....	2439		06/81	110.0	111.5	111.2	.3	-3
Primary products .....		2439-P	06/81	109.2	110.7	110.5	.4	-1.2
Glued laminated lumber .....		2439-131	06/81	103.3	106.8	108.0	5.6	1.1
Roof trusses .....		2439-151	06/81	109.0	110.0	109.5	-5	-5
Other fabricated structural wood products .....		2439-198	06/81	119.9	121.6	121.1	-1.3	-4
Floor trusses .....		2439-19815	06/81	120.3	121.1	121.0	-2.5	-1
Other fabricated structural wood products, except floor trusses .....		2439-19825	06/81	119.0	( <sup>3</sup> )	121.4	1.3	( <sup>3</sup> )
Wood containers .....	244		06/85	104.9	105.9	107.8	4.2	1.8
Nailed wood boxes and shook .....	2441		06/85	108.9	109.3	109.3	2.5	0
Primary products .....		2441-P	06/85	110.0	110.5	110.5	2.8	0
Nailed or lock-corner wooden boxes .....		2441-1	06/85	104.6	105.7	105.7	3.4	0
Made from lumber for industrial and other uses .....		2441-151	06/85	106.6	106.6	106.6	2.2	0
Made from veneer and plywood for fruits, vegetables, and industrial and other uses .....		2441-165	06/85	105.6	113.5	113.5	13.8	0
Wooden box and crate shook .....		2441-2	06/85	114.1	114.1	114.1	2.2	0
Made from lumber for industrial and other uses .....		2441-215	06/85	106.0	106.0	106.0	1.0	0
Secondary products and miscellaneous receipts .....		2441-SM						
Secondary products .....		2441-S	06/85	101.8	102.0	102.0	2.6	0
Wood pallets and skids .....	2448		06/85	103.3	104.4	107.7	5.0	3.2
Primary products .....		2448-P	06/85	103.0	104.1	105.2	2.8	1.1
Pallets, wooden, flat .....		2448-162	06/85	102.5	103.4	104.9	3.2	1.5
Skids, wooden .....		2448-165	06/85	107.0	109.2	109.2	2.2	0
Secondary products and miscellaneous receipts .....		2448-SM						
Secondary products .....		2448-S	06/85	104.6	105.5	120.8	16.0	14.5
Wood containers, n.e.c. ....	2449		12/85	107.0	108.4	109.4	5.2	.9
Primary products .....		2449-P	12/85	106.6	108.2	109.3	5.8	1.0
Wirebound boxes made from lumber, veneer, and plywood .....		2449-1	12/85	105.8	105.8	106.3	2.6	.5
Made from lumber .....		2449-111	12/85	105.9	105.7	106.9	.5	1.1
Made from veneer and plywood .....		2449-112	12/85	105.7	105.9	106.1	3.9	.2
For fruits and vegetables .....		2449-11211	12/85	107.0	107.0	107.6	3.6	.6
Veneer and plywood containers, except boxes and crates .....		2449-11211	12/85	107.4	115.6	115.6	7.6	0
Containers incl. pails, drums, tubs, fruit and vegetable baskets, and hampers, etc. ....		2449-312	12/85	107.4	115.6	115.6	7.6	0
Slack and tight cooperage .....		2449-5	12/85	108.2	110.5	113.6	12.9	2.8
Tight cooperage(hogsheads, barrels, & kegs for bourbon and other whiskey) .....		2449-513	12/85	107.8	110.0	113.3	13.9	3.0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Wood containers, n.e.c.—Continued								
New .....		2449-51311	12/85	107.6	110.0	113.3	13.9	3.0
Wood buildings and mobile homes .....	245		12/84	110.1	111.2	112.1	4.3	.8
Mobile homes .....	2451		06/81	116.3	117.2	118.7	4.6	1.3
Primary products .....		2451-P	06/81	116.2	117.1	118.6	4.6	1.3
Mobile homes, residential .....		2451-1	06/81	116.2	117.2	118.7	4.7	1.3
Single section .....		2451-13	06/81	115.6	116.0	118.1	5.1	1.8
Width: 14' and over .....		2451-1344	06/81	124.8	125.2	127.5	5.1	1.8
Length: 59' and under .....		2451-13441	06/81	106.8	108.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Length: greater than 69' to 74' .....		2451-13444	06/81	128.1	128.4	130.4	4.7	1.6
Length: greater than 74' .....		2451-13445	06/81	121.9	121.9	121.9	1.8	0
Multi-section .....		2451-14	06/81	119.0	121.5	121.5	3.4	0
Doublewide .....		2451-141	06/81	119.0	121.5	121.5	3.4	0
24' single story doublewide .....		2451-1411	06/81	119.8	122.5	122.5	3.5	0
Length: 49' and under .....		2451-14111	06/81	126.5	130.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Length: greater than 49' to 59' .....		2451-14112	06/81	119.9	122.5	122.5	1.9	0
Length: greater than 59' to 69' .....		2451-14113	06/81	116.9	119.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other doublewide .....		2451-1412	04/87	106.8	107.6	107.6	3.5	0
Prefabricated wood buildings and components .....	2452		12/84	110.2	111.6	111.6	3.7	0
Primary products .....		2452-P	12/84	110.6	112.1	112.1	4.0	0
Precut packages sold as complete units .....		2452-2	12/84	109.9	110.0	110.0	.3	0
Residential (homes, townhouses, and apartments) .....		2452-221	12/84	113.9	113.9	113.9	.3	0
Panelized buildings sold as complete units .....		2452-3	12/84	114.5	117.5	117.4	7.2	-1
Residential .....		2452-334	12/84	115.0	118.1	118.0	7.3	-1
Single family, including townhouses .....		2452-33433	12/84	115.6	118.9	118.7	7.9	-2
Multifamily .....		2452-33435	12/84	111.5	114.1	114.1	3.7	0
Nonresidential, including motels and hotels .....		2452-337	12/84	102.0	102.0	102.0	2.9	0
Modular buildings shipped with floors and walls, and usually ceilings and roofs .....		2452-4	12/84	109.0	109.4	109.4	1.7	0
Residential .....		2452-444	12/84	110.7	111.2	111.2	2.2	0
Single family, including townhouses .....		2452-44443	12/84	110.8	111.3	111.3	2.3	0
Nonresidential, including motels and hotels .....		2452-447	12/84	104.4	104.4	104.4	0	0
Secondary products and miscellaneous receipts .....		2452-SM						
Secondary products .....		2452-S	12/84	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Miscellaneous wood products .....	249		12/84	110.4	111.9	113.6	5.1	1.5
Wood preserving .....	2491		06/85	105.0	104.8	109.3	9.0	4.3
Primary products .....		2491-P	06/85	105.6	105.9	109.8	9.3	3.7
Wood poles, piles, and posts owned and treated by same establishment .....		2491-2	06/85	105.0	105.3	114.6	16.5	8.8
Not over 15 feet in length .....		2491-211	06/85	99.7	101.5	101.5	2.0	0
Over 15 feet in length .....		2491-213	06/85	106.1	106.1	117.3	19.6	10.6
Other wood products owned and treated by same establishment .....		2491-3	06/85	106.4	106.4	107.5	5.8	1.0
Railway crossties and mine ties .....		2491-311	06/85	110.3	110.4	112.7	13.2	2.1
Lumber and wood siding, rough and worked .....		2491-313	06/85	100.5	99.9	99.8	-8	-1
Other wood treated products .....		2491-319	06/85	115.2	115.6	118.0	7.2	2.1
Contract wood preserving .....		2491-911	06/85	103.1	105.6	105.1	2.7	-5
Secondary products and miscellaneous receipts .....		2491-SM						
Miscellaneous receipts .....		2491-M	06/85	93.3	90.1	90.1	-6.4	0
Secondary products .....		2491-S	06/85	118.6	106.4	149.0	43.3	40.0
Particleboard .....	2492		12/82	120.9	126.5	128.0	.9	1.2
Primary products .....		2492-P	12/82	120.9	126.5	128.0	.9	1.2
Particleboard, platen-type (mat formed) .....		2492-1	12/82	121.6	127.3	128.9	.9	1.3
Floor underlayment .....		2492-103	12/82	141.3	161.6	168.2	4.1	4.1
Mobile home decking .....		2492-105	12/82	120.0	120.8	120.0	-7	-7
Shelving .....		2492-107	12/82	123.9	123.6	122.1	-1.5	-1.2
Other industrial board .....		2492-112	12/82	114.0	115.3	115.6	-3	.3
3/4-inch thick .....		2492-11211	12/82	108.6	108.8	108.4	-8	-4
5/8-inch thick .....		2492-11213	12/82	121.3	126.7	128.3	.3	1.3
All other thicknesses .....		2492-11217	12/82	117.4	118.6	119.0	-3	.3
Other platen-type, including stepping, siding, etc. ....		2492-119	12/82	111.8	112.2	113.3	1.2	1.0
Wood products, n.e.c. ....	2499		06/84	111.8	113.4	114.0	4.2	.5
Primary products .....		2499-P	06/84	111.3	112.1	112.8	3.8	.6
Mirror and picture frames .....		2499-1	06/84	121.8	122.2	126.0	10.4	3.1
Frames .....		2499-111	06/84	114.2	115.1	115.1	6.4	0
Wood frames .....		2499-11111	06/84	115.3	117.2	117.1	6.6	-1
Finished moldings for mirrors and pictures .....		2499-121	06/84	136.5	135.7	135.7	5.7	0
Wood molding .....		2499-12131	06/84	136.6	135.2	135.0	8.0	-1
Framed pictures .....		2499-131	06/84	128.9	128.9	149.6	28.9	16.1
Fabricated hardboard products from hardboard made at the establishment .....		2499-6	06/84	100.1	100.0	99.8	1.5	-2
Prefinished paneling, except laminated and tiled wallboard .....		2499-611	06/84	100.7	100.7	100.4	2.3	-3
Prefinished exterior siding .....		2499-61111	06/84	103.6	103.6	102.9	-8	-7
Dimension and parts, including cut to size and molded products .....		2499-623	06/84	102.8	100.6	100.3	-1.3	-3
Panel stock; panels and siding not face finished .....		2499-643	06/84	98.0	98.0	97.8	-6	-2

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Wood products, n.e.c.—Continued</b>								
Medium density fiberboard .....		2499-7	06/84	88.7	88.7	88.8	0.2	0.1
Uncoated panel .....		2499-711	06/84	88.2	87.1	87.3	-1.5	.2
Uncoated standard size panel .....		2499-71103	06/84	85.0	83.3	83.6	-5.2	.4
Miscellaneous wood products, n.e.c. ....		2499-9	06/84	114.9	116.7	116.8	3.2	.1
Boxes, cases, and chests for jewelry, silver, tools, utensils, etc. ....		2499-911	06/84	111.2	115.9	119.7	7.6	3.3
Household type utensils of wood and wood parts thereof, n.e.c. ....		2499-915	06/84	117.9	118.1	119.2	1.4	.9
Toothpicks, skewers, candy sticks, and similar small wares .....		2499-919	06/84	105.2	107.0	107.0	1.7	0
Handtool handles .....		2499-951	06/84	102.7	102.7	102.7	.1	0
Striking tool handles (axe, pick, etc.) .....		2499-95151	06/84	100.6	100.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Lifting and pulling tool handles (rake, spade, etc.) .....		2499-95153	06/84	108.2	108.2	108.2	.5	0
Broom, mop, and paint brush handles .....		2499-957	06/84	120.8	120.8	120.8	0	0
Dowels and dowel pins .....		2499-962	06/84	117.5	118.6	118.4	5.3	-2
Wooden tools, tool bodies, and backs for brooms, mops, and brushes .....		2499-966	06/84	135.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wooden reels for wire and cable .....		2499-985	06/84	116.0	116.0	116.0	6.0	0
Misc. wooden goods, including wood turnings, except handles and spools .....		2499-998	06/84	113.9	116.7	116.8	3.9	.1
Secondary products and miscellaneous receipts .....		2499-SM						
Miscellaneous receipts .....		2499-M	06/84	129.7	143.6	143.6	12.3	0
Resales .....		2499-Z89	06/84	129.7	143.6	143.6	12.3	0
Secondary products .....		2499-S	06/84	109.9	115.1	115.7	5.3	.5
Other secondary products .....		2499-SSS	06/84	110.7	114.3	115.0	3.9	.6
Furniture and fixtures .....	25		12/84	113.6	114.8	115.3	3.8	.4
Household furniture .....	251		12/84	112.0	113.3	113.6	3.6	.3
Wood household furniture, except upholstered .....	2511		12/79	150.0	152.4	152.8	4.4	.3
Primary products .....		2511-P	12/79	150.8	153.2	153.3	4.1	.1
Wood living room, library, family room and den furniture .....		2511-2	12/79	153.3	155.1	155.4	4.4	.2
Cabinets, except sewing machine cabinets .....		2511-219	12/79	142.5	( <sup>3</sup> )	150.5	7.3	( <sup>3</sup> )
Chairs, except dining room (including rockers) .....		2511-231	12/79	162.6	164.9	164.4	2.4	-3
Tables, except card and telephone tables .....		2511-241	12/79	155.0	155.5	155.9	5.0	.3
Desks .....		2511-251	12/79	149.0	147.7	150.8	3.3	2.1
Credenzas, bookcases, and bookshelves .....		2511-271	12/79	159.8	159.8	159.8	5.1	0
Other nonupholstered living room furniture .....		2511-298	12/79	144.6	147.5	146.9	3.1	-4
Wood dining room and kitchen furniture, except cabinets .....		2511-3	12/79	160.7	164.5	164.3	5.8	-1
Tables, dining room, 30 x 40 inches and greater .....		2511-311	12/79	155.2	157.6	158.4	5.8	.5
Chairs, dining room .....		2511-331	12/79	170.3	172.7	172.5	5.3	-1
Buffets and servers, dining room .....		2511-351	12/79	162.4	166.7	166.7	6.7	0
China and corner cabinets, dining room .....		2511-371	12/79	144.0	153.9	151.6	5.3	-1.5
Other dining room and kitchen furniture .....		2511-398	12/79	143.7	145.7	145.9	7.4	.1
Wood bedroom furniture .....		2511-5	12/79	146.4	148.9	149.0	3.3	.1
Beds, headboards and footboards .....		2511-5A	12/79	145.1	148.2	147.9	2.6	-2
Beds, except bunk beds .....		2511-511	12/79	144.3	149.8	151.3	6.2	1.0
Headboards and headboard sets .....		2511-513	12/79	144.2	145.4	143.1	-7	-1.6
Bunk beds .....		2511-515	12/79	151.0	153.3	153.3	1.5	0
Dressers, vanities and dressing tables .....		2511-521	12/79	147.0	149.2	149.8	4.8	.4
Wardrobes and wardrobe-type cabinets .....		2511-533	12/79	144.0	146.4	148.3	4.3	1.3
Chests of drawers .....		2511-535	12/79	145.6	148.8	149.0	3.3	.1
Night tables and stands .....		2511-561	12/79	155.1	156.1	155.8	1.8	-2
Other nonupholstered bedroom furniture .....		2511-598	12/79	147.5	149.3	149.2	3.0	-1
Infants' and children's wood furniture .....		2511-6	12/79	135.1	135.8	136.2	3.5	.3
Cribs, including springs sold as part of the crib .....		2511-611	02/80	142.1	142.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Miscellaneous infants' and children's furniture .....		2511-698	12/79	127.8	129.1	129.9	3.9	.6
Unpainted, unassembled, knock-down, and outdoor furniture .....		2511-7	12/79	133.8	133.8	133.8	2.2	0
Unassembled, knock-down, and outdoor furniture .....		2511-751	06/87	100.5	100.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2511-SM						
Miscellaneous receipts .....		2511-M	12/79	132.2	136.2	136.2	1.8	0
Resales .....		2511-Z89	12/79	132.2	136.2	136.2	1.8	0
Secondary products .....		2511-S	12/79	149.5	151.4	155.8	9.3	2.9
Other secondary products .....		2511-SSS	12/79	146.5	147.8	154.4	7.2	4.5
Upholstered wood household furniture .....		2512-S	12/79	153.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Upholstered wood household furniture .....	2512		06/82	117.9	118.6	118.7	2.5	.1
Primary products .....		2512-P	06/82	119.0	119.7	119.8	2.5	.1
Upholstered wood household furniture .....		2512-1	06/82	119.0	119.7	119.8	2.5	.1
Sofas, davenports, settees, and loveseats .....		2512-112	06/82	120.1	120.8	121.1	2.7	.2
Chiefly cotton .....		2512-11232	06/82	121.5	122.8	122.7	2.8	-1
Chiefly rayon .....		2512-11233	06/82	132.3	133.2	133.3	3.9	.1
Chiefly olefin .....		2512-11234	06/82	120.5	121.3	121.7	2.2	.3
Chiefly nylon .....		2512-11235	06/82	114.5	114.7	114.7	4.0	0
Chiefly polyester .....		2512-11236	06/82	112.8	112.9	112.6	3.0	-3
Other fibers and blends, including coated fabric and vinyl .....		2512-11237	06/82	116.2	116.6	117.7	1.6	.9
Chairs, except reclining and rockers .....		2512-132	06/82	117.6	118.3	118.9	3.0	.5
Chiefly cotton .....		2512-13242	06/82	115.5	116.6	116.6	1.5	0
Chiefly rayon .....		2512-13243	06/82	120.3	120.6	121.9	5.1	1.1
Chiefly olefin .....		2512-13244	06/82	113.4	115.1	115.6	2.8	.4
Other fibers and blends, including coated fabric and vinyl .....		2512-13245	06/82	122.7	122.7	123.3	3.2	.5
Sectional sofa pieces .....		2512-141	12/87	104.7	106.8	106.4	3.4	-4

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Upholstered wood household furniture—Continued</b>								
Rockers, including swivel .....		2512-145	06/82	99.7	100.4	98.5	0.1	-1.9
Reclining chairs .....		2512-154	06/82	120.6	120.7	120.8	1.6	.1
Other upholstered wood household furniture ( ottomans, hassocks, etc ) .....		2512-198	06/82	129.7	131.2	130.9	4.2	-2
Secondary products and miscellaneous receipts .....		2512-SM						
Miscellaneous receipts .....		2512-M	12/87	126.0	126.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		2512-S	06/82	106.7	107.5	107.6	1.5	.1
<b>Metal household furniture .....</b>								
Primary products .....	2514		06/84	108.8	109.6	110.8	4.5	1.1
Metal household dining, dinette and breakfast furniture .....		2514-P	06/84	110.0	110.7	111.9	5.3	1.1
Tubular metal tables (not sold with a set) .....		2514-1	06/84	119.0	120.0	124.1	9.0	3.4
Metal kitchen furniture .....		2514-115	06/84	118.9	123.1	123.1	7.2	0
Stools, padded and plain .....		2514-2	06/84	99.9	92.5	92.5	-7.4	0
Metal porch, lawn, outdoor and casual furniture .....		2514-251	06/84	102.3	103.6	103.6	1.5	0
Tubular aluminum .....		2514-3	06/84	109.4	111.0	110.7	5.9	-3
Chairs, rockers, benches, chaise lounges and settees .....		2514-31	06/84	111.2	111.6	111.2	6.0	-4
Other porch, lawn, outdoor, and casual furniture, inc. picnic tables .....		2514-312	06/84	109.8	110.3	109.8	6.8	-5
Other metal household furniture .....		2514-398	06/84	118.8	118.8	118.8	6.4	0
Folding cots, rollable cots, army cots, and other metal beds .....		2514-4	06/84	104.7	106.1	106.3	3.7	.2
Metal bed frames .....		2514-433	06/84	112.0	112.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Infants' metal furniture .....		2514-437	06/84	110.2	110.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Infants' high chairs .....		2514-49A	07/84	106.5	107.2	108.0	4.1	.7
Infants' car seats .....		2514-492	07/84	112.7	111.8	114.2	5.2	2.1
Other metal household furniture .....		2514-493	07/84	114.6	118.2	120.0	7.9	1.5
Secondary products and miscellaneous receipts .....		2514-498	06/84	101.2	101.2	101.2	.7	0
Secondary products .....		2514-SM						
Secondary products .....		2514-S	06/84	107.2	108.2	109.1	-1.7	.8
<b>Mattresses, bedsprings and sleep furniture .....</b>								
Primary products .....	2515		06/83	115.5	117.4	118.1	3.8	.6
Innerspring mattresses other than crib size .....		2515-P	06/83	116.0	118.1	118.8	3.5	.6
Twin size innerspring mattresses .....		2515-1	06/83	116.3	118.7	119.7	3.7	.8
Queen size innerspring mattresses .....		2515-112	06/83	110.0	114.7	115.4	3.1	.6
Other size innerspring mattresses, except crib size .....		2515-113	06/83	126.6	128.0	128.8	5.1	.6
Foundations .....		2515-114	06/83	115.4	116.4	117.9	3.4	1.3
Box springs .....		2515-3	06/83	112.1	112.8	113.6	3.4	.7
Other foundations, including foam, spring cushions, and hospital bedsprings .....		2515-311	06/83	114.4	115.4	116.1	3.7	.6
Convertible sofas .....		2515-379	06/83	100.5	99.5	100.5	1.9	1.0
Made from purchased mattresses, including interplant transfers .....		2515-4	06/83	118.1	118.8	118.8	1.6	0
Made from mattresses produced at the same establishment .....		2515-421	06/83	122.8	123.1	123.1	.4	0
Secondary products and miscellaneous receipts .....		2515-431	06/83	111.8	113.0	113.0	3.4	0
Secondary products .....		2515-SM						
Wood household furniture, upholstered .....		2515-S	06/83	113.5	114.5	114.4	6.2	-1
Other secondary products .....		2512-S	06/83	117.4	119.1	119.1	8.4	0
Other secondary products .....		2515-SSS	06/83	107.7	107.5	107.3	2.8	-2
<b>Wood TV and radio cabinets .....</b>								
Primary products .....	2517		12/85	101.5	101.4	101.4	-1	0
Sewing machine cabinets .....		2517-P	12/85	100.9	100.8	100.8	-1	0
Secondary products and miscellaneous receipts .....		2517-121	12/85	102.7	102.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		2517-SM						
Secondary products .....		2517-S	12/85	108.9	108.2	108.2	-6	0
<b>Household furniture, n.e.c. ....</b>								
Primary products .....	2519		12/85	102.6	102.6	102.6	.8	0
Reed & rattan furn., incl. willow, wicker & cane .....		2519-P	12/85	102.2	102.3	102.3	1.0	0
Other plastics and fibrous glass furn., exc. cabinets .....		2519-132	12/85	104.2	104.3	104.3	5.1	0
Other plastics and fibrous glass furn., exc. cabinets .....		2519-141	12/85	101.2	101.2	101.2	-1.1	0
<b>Office furniture .....</b>								
Primary products .....	252		12/84	117.7	118.0	118.6	3.3	.5
Seating .....		2521-P	06/85	110.4	110.5	111.1	1.0	.5
Secretarial chairs .....		2521-1	06/85	111.6	112.2	112.5	3.3	.3
General office and desk chairs (including executive office chairs) .....		2521-111	06/85	113.9	113.9	115.5	3.3	1.4
Side and arm chairs .....		2521-113	06/85	113.8	113.8	114.5	4.9	.6
Lounge seating .....		2521-114	06/85	112.0	113.8	113.2	1.8	-5
Desks and extensions .....		2521-121	06/85	95.2	93.8	93.8	-6	0
Executive desks .....		2521-2	06/85	110.8	111.5	111.5	1.7	0
Clerical and secretarial desks .....		2521-22	06/85	111.9	112.6	112.6	1.9	0
Storage units, files and tables .....		2521-221	06/85	111.1	112.2	112.3	3.5	.1
Storage units .....		2521-222	06/85	113.1	113.1	113.1	-8	0
Credenzas .....		2521-4	06/85	113.9	115.1	115.2	1.9	.1
Bookcases and other storage units .....		2521-411	06/85	111.2	112.5	112.5	2.4	0
Tables .....		2521-41141	06/85	108.4	109.5	109.5	.3	0
Work/conference .....		2521-41143	06/85	116.6	118.3	118.3	6.2	0
All other .....		2521-433	06/85	116.7	118.0	118.2	1.7	.2
Panel and modular systems furniture .....		2521-43355	06/85	117.0	118.8	118.8	1.5	0
Panel systems .....		2521-43359	06/85	115.8	115.8	116.5	2.6	.6
Panel systems .....		2521-5	06/85	102.5	102.0	101.5	-4.1	-5
Panel systems .....		2521-51	06/85	102.2	101.7	101.2	-4.5	-5

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Wood office furniture—Continued								
Panel supported systems .....		2521-512	06/85	102.2	101.7	101.2	-4.5	-0.5
Panels, less than ceiling height .....		2521-5123	06/85	98.3	97.7	97.2	-6.4	-5
Other wood office furniture .....		2521-611	06/85	132.4	132.4	132.4	.8	0
Secondary products and miscellaneous receipts .....		2521-SM						
Miscellaneous receipts .....		2521-M	06/85	132.7	132.7	132.7	3.2	0
Resales .....		2521-Z89	06/85	132.7	132.7	132.7	3.2	0
Secondary products .....		2521-S	06/85	109.1	107.5	112.2	3.0	4.4
Nonwood office furniture .....	2522		12/79	160.8	161.3	162.0	4.0	.4
Primary products .....		2522-P	12/79	162.3	162.9	163.6	4.2	.4
Office seating .....		2522-1	12/79	155.8	155.5	155.5	2.3	-6
Chairs .....		2522-11	12/87	106.4	106.9	106.2	2.1	-7
Side and arm chairs .....		2522-112	12/87	105.3	105.3	105.3	3.8	0
General office and desk chairs, except secretarial .....		2522-114	12/87	105.3	105.9	105.9	1.5	0
Other chairs .....		2522-115	12/79	156.3	158.8	152.4	-1.6	-4.0
Desks and extensions .....		2522-2	12/79	155.7	153.2	152.4	-6.5	-5
Desks .....		2522-224	12/87	103.4	101.7	101.2	-6.5	-5
Filing cabinets and cases .....		2522-3	12/79	160.6	163.3	165.3	5.6	1.2
Vertical files, letter and legal .....		2522-311	12/79	154.0	154.5	154.9	2.9	.3
Horizontal or lateral files, letter and legal .....		2522-321	12/79	156.0	162.4	167.1	8.9	2.9
Other files, including motorized, visible, and insulated .....		2522-328	12/87	104.8	105.2	105.1	5.0	-1
Other nonwood office furniture .....		2522-4	12/79	167.7	167.8	169.0	6.4	.7
Tables and stands .....		2522-411	12/79	142.6	142.6	142.6	3.4	0
Systems furniture .....		2522-42	12/87	115.6	115.7	116.7	7.8	.9
Modular systems furniture .....		2522-421	12/79	150.3	150.3	150.3	2.3	0
Panel systems furniture .....		2522-422	12/87	116.3	116.3	117.5	8.2	1.0
Miscellaneous nonwood office furniture, including bookcases .....		2522-498	12/79	173.7	173.7	173.7	2.1	0
Secondary products and miscellaneous receipts .....		2522-SM						
Miscellaneous receipts .....		2522-M	12/79	146.5	146.5	146.5	7.0	.0
Resales .....		2522-Z89	12/79	144.4	144.4	144.4	7.0	0
Secondary products .....		2522-S	12/79	149.5	148.7	150.7	1.6	1.3
Public building and related furniture .....	2531		12/84	114.4	114.9	116.0	3.8	1.0
Primary products .....		2531-P	12/84	113.5	113.5	115.0	4.5	1.3
School furniture, except stone, concrete, and library furniture .....		2531-1	12/84	110.4	110.2	111.6	4.9	1.3
Chairs, all purpose (nonfolding) .....		2531-136	12/84	113.7	116.0	118.5	1.6	2.2
Storage cabinets .....		2531-137	12/84	103.2	( <sup>3</sup> )	103.2	1.5	( <sup>3</sup> )
Other school furniture designed specifically for use in schools .....		2531-198	12/84	113.4	112.4	114.6	8.0	2.0
Public building and related furniture, except school and restaurant .....		2531-2	12/84	114.7	114.9	116.4	4.2	1.3
Seats for public conveyances .....		2531-211	12/84	106.3	106.5	108.0	3.3	1.4
Church furniture .....		2531-23	12/84	114.4	115.2	115.2	3.7	0
Church pews .....		2531-231	12/84	114.8	114.8	114.8	3.2	0
Other church furniture (pulpits, altars, etc.) .....		2531-239	12/84	113.3	116.5	116.5	5.3	0
Chairs and seats, excluding seats for public conveyances and stadiums .....		2531-25	12/84	123.7	123.7	124.1	3.9	.3
Stadium and bleacher seating, including grandstands .....		2531-261	12/84	136.0	136.0	135.6	3.4	-3
Other public building furniture .....		2531-298	12/84	107.0	107.2	111.6	10.3	4.1
Secondary products and miscellaneous receipts .....		2531-SM						
Secondary products .....		2531-S	12/84	107.0	110.3	110.3	3.5	0
Partitions, shelving, lockers, and office and store fixtures .....	254		12/84	115.7	116.5	116.5	3.4	0
Wood partitions and fixtures .....	2541		12/83	121.9	122.4	122.7	3.3	.2
Primary products .....		2541-P	12/83	121.6	122.1	122.4	3.0	.2
Wood partitions, shelving, and lockers .....		2541-1	12/83	110.6	110.7	111.0	1.3	.3
Partitions (prefabricated, assembled, or knocked down) .....		2541-111	12/83	109.2	109.4	109.6	2.3	.2
Shelving and lockers .....		2541-141	03/84	111.4	111.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Plastic laminated fixture tops .....		2541-2	12/83	122.4	123.7	123.8	1.9	.1
Wood fixtures for stores, banks, offices, etc. ....		2541-3	12/83	122.7	123.0	123.4	3.6	.3
Retail store fixtures, except food store: custom .....		2541-33A	12/83	114.9	114.9	115.0	( <sup>3</sup> )	.1
Walls and wall fixtures .....		2541-332	08/84	110.3	110.3	110.3	( <sup>3</sup> )	0
Center floor tables and gondolas .....		2541-333	06/88	102.4	102.4	102.4	( <sup>3</sup> )	0
Other fixtures and displays .....		2541-334	12/83	104.2	104.1	104.4	.5	.3
Retail store fixtures, except food store: manufacturers' standard .....		2541-337	12/83	142.3	143.7	143.6	( <sup>3</sup> )	-1
Retail food store fixtures .....		2541-338	06/88	101.6	101.6	103.8	( <sup>3</sup> )	2.2
Cabinets (floor or wall types) .....		2541-341	12/83	111.4	111.9	112.0	( <sup>3</sup> )	.1
Counters and bank fixtures .....		2541-36	12/83	120.3	120.3	120.5	3.8	.2
Counters, except bank counters .....		2541-361	12/83	112.4	112.4	112.7	( <sup>3</sup> )	.3
Bank fixtures, including bank counters .....		2541-362	12/83	124.0	124.0	124.0	5.0	0
Other wood fixtures, including window backs, telephone booths, etc. ....		2541-398	12/83	109.5	110.7	110.9	4.6	.2
Secondary products and miscellaneous receipts .....		2541-SM						
Miscellaneous receipts .....		2541-M	01/84	120.9	120.9	120.9	( <sup>3</sup> )	0
Resales .....		2541-Z89	06/88	103.9	103.9	103.9	( <sup>3</sup> )	0
Secondary products .....		2541-S	12/83	126.0	127.1	127.1	6.0	0
Metal partitions and fixtures .....	2542		12/83	118.8	119.9	119.6	3.5	-3
Primary products .....		2542-P	12/83	118.3	119.4	119.8	3.8	.3
Metal partitions (prefabricated, assembled, or knocked down) .....		2542-1	12/83	117.5	117.9	117.9	5.5	0
Movable, except free standing .....		2542-117	12/83	117.4	120.2	120.2	( <sup>3</sup> )	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Metal partitions and fixtures—Continued								
Other partitions, including free standing .....		2542-119	06/88	102.4	102.2	102.2	( <sup>3</sup> )	0
Metal shelving and lockers .....		2542-2	12/83	119.1	120.5	121.2	3.0	.6
Metal shelving .....		2542-23	12/83	118.7	120.0	120.7	2.8	.6
Commercial shelving for factories, stores, etc. ....		2542-233	12/83	112.1	113.4	113.4	2.3	0
Other shelving, including office shelving for correspondence, computer tapes, etc. ....		2542-241	12/83	116.2	117.0	119.0	3.9	1.7
Lockers .....		2542-251	12/83	120.6	122.5	122.8	3.5	.2
Metal storage racks and accessories .....		2542-3	12/83	116.3	116.7	118.0	5.3	1.1
Drive-in/drive-thru and gravity conveyor pallet storage racks .....		2542-341	02/84	113.1	113.1	113.1	( <sup>3</sup> )	0
Portable stacking racks and frames .....		2542-345	12/83	113.4	113.4	122.5	( <sup>3</sup> )	8.0
Stacker racks and other metal racks .....		2542-351	12/83	118.6	119.3	119.7	2.8	.3
Metal fixtures for stores, banks, offices, etc. ....		2542-4	12/83	119.2	120.7	120.5	3.3	-.2
Retail store fixtures, except food store .....		2542-46A	12/83	120.7	120.9	120.4	1.7	-.4
Custom fixtures .....		2542-463	12/83	117.4	117.5	116.5	( <sup>3</sup> )	-.9
Manufacturers' standard fixtures .....		2542-465	12/83	123.9	124.2	124.1	1.4	-.1
Retail food store fixtures .....		2542-467	12/83	122.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Cabinets (floor or wall type) .....		2542-471	12/83	124.9	125.2	125.5	( <sup>3</sup> )	.2
Counters, except bank counters .....		2542-481	12/83	125.0	125.0	125.0	( <sup>3</sup> )	0
Other metal fixtures, including bank fixtures, bank counters, clothing racks, etc. ....		2542-498	12/83	107.7	108.2	108.2	2.2	0
Secondary products and miscellaneous receipts .....		2542-SM						
Secondary products .....		2542-S	12/83	121.7	123.4	123.1	5.8	-.2
Miscellaneous furniture and fixtures .....	259		12/84	113.4	116.4	117.9	6.9	1.3
Drapery hardware and blinds and shades .....	2591		06/84	115.6	120.6	121.2	6.0	.5
Primary products .....		2591-P	06/84	110.0	114.1	114.8	5.9	.6
Window shades and accessories .....		2591-3	06/84	101.8	106.7	106.8	5.4	.1
Window shades .....		2591-3A	06/84	101.8	106.7	106.8	5.4	.1
Plastic window shades .....		2591-311	06/84	100.7	106.0	106.0	5.9	0
Other window shades including cloth and paper .....		2591-313	06/84	103.4	107.8	108.0	5.1	.2
Venetian blinds .....		2591-4	06/84	96.3	98.5	103.4	5.9	5.0
Complete venetian blinds, vertical and horizontal .....		2591-4A	06/84	101.0	103.2	109.6	5.5	6.2
Aluminum slat blinds .....		2591-452	06/84	99.4	101.9	108.2	4.9	6.2
All other venetian blinds including wood and plastic .....		2591-459	06/84	114.5	114.1	121.2	9.8	6.2
Other shades and blinds n.e.c., curtain and drapery rods, poles and other hardware .....		2591-5	06/84	116.9	121.1	121.1	6.1	0
Other shades and blinds, except canvas and other textile fabrics .....		2591-511	06/84	129.5	129.5	129.5	2.5	0
Curtain and drapery rods, poles, and fixtures fabricated at plant .....		2591-517	06/84	112.8	118.5	118.4	7.5	-.1
Carbon steel and all other materials .....		2591-51711	06/84	117.3	123.6	124.8	8.7	1.0
Secondary products and miscellaneous receipts .....		2591-SM						
Miscellaneous receipts .....		2591-M	06/84	172.0	190.8	190.8	8.7	0
Resales .....		2591-Z89	06/84	172.7	191.6	191.6	8.6	0
Secondary products .....		2591-S	06/84	115.0	115.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Furniture and fixtures, n.e.c. ....	2599		12/85	112.3	113.7	115.8	7.3	1.8
Primary products .....		2599-P	12/85	113.0	114.4	117.0	8.0	2.3
Hospital beds .....		2599-1	12/85	105.6	105.6	105.6	( <sup>3</sup> )	0
Hospital beds .....		2599-101	12/85	105.6	105.6	105.6	( <sup>3</sup> )	0
Restaurant, cafeteria and bar furniture .....		2599-2	12/85	113.7	115.4	119.3	9.8	3.4
Wood chairs and stools .....		2599-241	12/85	112.3	112.3	112.3	2.8	0
Metal chairs and stools .....		2599-245	12/85	107.9	108.0	108.0	5.1	0
Booths, bars and back bars .....		2599-247	12/85	109.1	110.5	111.6	5.1	1.0
Other restaurant, cafeteria and bar furniture .....		2599-248	12/85	115.8	118.1	123.7	12.5	4.7
Other furniture and fixtures, n.e.c. ....		2599-3	12/85	113.9	115.0	115.9	5.3	.8
Ship furniture .....		2599-351	12/85	105.7	106.4	106.4	2.5	0
Industrial furniture, including benches, stools, sorting tables and cabinets .....		2599-353	12/85	109.8	111.6	111.8	5.0	.2
All other furniture and fixtures, n.e.c. ....		2599-354	12/85	115.6	116.7	117.9	5.7	1.0
Secondary products and miscellaneous receipts .....		2599-SM						
Secondary products .....		2599-S	12/85	106.3	108.4	109.1	2.6	.6
Paper and allied products .....	26		12/84	118.2	120.7	121.3	7.5	.5
Pulp mills .....	2611		12/82	156.1	160.6	163.2	16.7	1.6
Primary products .....		2611-P	12/82	162.8	167.6	170.3	16.6	1.6
Special alpha and dissolving woodpulp .....		2611-1	12/82	128.7	133.7	134.7	20.1	.7
Other pulp, including pulpmill byproducts, except tall oil .....		2611-2	12/82	180.5	185.5	188.8	15.8	1.8
Woodpulp .....		2611-21	12/82	185.1	190.4	194.1	16.9	1.9
Sulfate woodpulp, including soda .....		2611-213						
Sulfate, bleached and semibleached (including soda) .....		2611-2134	06/88	112.0	115.3	117.5	( <sup>3</sup> )	1.9
Sulfate, softwood .....		2611-21341	12/82	190.5	195.3	200.2	22.7	2.5
Exports .....		2611-2134E	06/88	113.8	117.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Intracompany shipments .....		2611-2134I	06/88	114.9	116.1	117.9	( <sup>3</sup> )	1.6
Domestic (market shipments only) .....		2611-	06/88	113.1	117.0	119.2	( <sup>3</sup> )	1.9
Sulfate, hardwood .....		2134M						
Sulfate, hardwood .....		2611-21342	12/82	179.4	185.4	187.9	7.2	1.3
Sulfite and other woodpulp .....		2611-217	06/88	107.7	110.7	112.1	( <sup>3</sup> )	1.3
Sulfite, bleached and unbleached .....		2611-21716	06/88	109.1	115.1	115.3	( <sup>3</sup> )	.2
Pulp, other than wood, and miscellaneous pulp mill byproducts .....		2611-25	06/88	101.4	103.2	103.2	( <sup>3</sup> )	0
Secondary products .....		2611-S	12/82	121.4	123.9	126.5	( <sup>3</sup> )	2.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Paper mill products except building paper .....	2621		06/81	133.7	136.6	136.4	7.7	-0.1
Primary products .....		2621-P	06/81	133.5	136.2	136.0	7.3	-.1
Tissue paper and sanitary paper stock .....		2621-A	06/81	131.5	134.6	135.1	7.0	.4
Sanitary papers, including stock, made in papermills .....		2621-A4	06/81	130.2	133.3	133.8	7.1	.4
Toilet tissue and stock .....		2621-A41	11/87	108.3	112.6	112.9	6.3	.3
Facial tissue and stock .....		2621-A42	08/81	120.6	122.5	122.9	5.9	.3
Napkins and napkin stock .....		2621-A43	06/81	115.2	116.2	117.2	6.3	.9
Towels and towel stock .....		2621-A44	08/81	139.7	142.0	142.4	9.8	.3
Other sanitary papers, including stock .....		2621-A49	12/87	104.1	104.2	104.2	2.2	0
Tissue paper .....		2621-A8	06/81	156.5	159.5	162.0	5.5	1.6
Newsprint .....		2621-B	06/81	131.9	134.1	129.8	-2.6	-3.2
Newsprint .....		2621-1	06/81	131.9	134.1	129.8	-2.6	-3.2
Printing and writing grades .....		2621-C	12/87	113.9	115.8	115.9	8.8	.1
Groundwood paper, uncoated .....		06/81	06/81	123.7	124.5	125.0	5.9	.4
Publication and printing .....		2621-211	06/81	124.9	124.0	124.5	5.2	.4
Clay coated printing and converting paper .....		2621-3	06/81	137.9	139.3	139.3	6.6	0
Coated 1-side .....		2621-34	06/81	147.7	150.4	150.4	7.2	0
Coated 2-sides .....		2621-36	06/81	136.7	138.0	138.0	6.6	0
No. 3 coated 2-sides .....		2621-363	06/81	135.4	137.5	139.0	7.5	1.1
No. 5 coated 2-sides .....		2621-365	06/81	131.2	131.5	131.4	6.0	-.1
Coated 2-sides except No. 3 and No. 5 .....		2621-366	06/81	136.1	138.6	138.0	7.1	-.4
No. 4 coated 2-sides .....		2621-36604	12/87	110.7	110.9	110.9	6.1	0
All other clay coated 2-sides, including No.1 and No. 2 .....		2621-36606	12/87	105.2	109.4	108.4	8.5	-.9
Book paper, uncoated free sheet .....		2621-4	06/81	132.6	134.7	135.0	11.0	.2
Chemical woodpulp writing paper, except body stock .....		2621-421	06/81	132.4	134.7	134.8	12.2	.1
Unwatermarked bond .....		2621-4211	12/87	122.7	126.8	127.4	17.1	.5
Unwatermarked bond, No. 4 grade .....		2621-42111	06/81	132.4	137.0	137.1	16.8	.1
Unwatermarked bond, except No. 4 .....		2621-42112	12/87	124.3	128.2	129.7	17.8	1.2
Watermarked bond .....		2621-4212	06/81	139.2	142.2	142.1	7.5	-.1
Form bond, in rolls .....		2621-4215	12/87	120.9	120.8	120.0	6.2	-.7
12 lb. form bond in rolls .....		2621-42151	06/81	120.9	120.6	120.6	5.1	0
15 lb. form bond in rolls .....		2621-42155	06/81	123.8	124.3	123.4	6.7	-.7
20 lb. form bond in rolls .....		2621-42156	12/87	121.0	122.2	119.8	7.2	-2.0
Form bond in rolls, except 12, 15 and 20 lb. grades .....		2621-42159	06/81	134.7	133.2	133.2	5.5	0
Other writing papers, including manifold and carbonless base stock & body stock for commun .....		2621-4217	06/81	134.9	136.4	136.4	11.3	0
Publication and printing grade free sheet .....		2621-441	06/81	128.3	128.5	129.2	9.5	.5
Plain (including M.F., E.F., supercalendered, eggshell and antique grades) .....		2621-44111	12/87	115.0	115.0	115.5	9.9	.4
Offset .....		2621-44122	06/81	130.0	130.4	130.8	10.0	.3
Cover and text papers .....		2621-465	06/81	143.8	147.1	147.1	7.0	0
Other converting and miscellaneous free sheet, including body stock for coating .....		2621-481	12/87	120.2	124.3	124.9	11.4	.5
Envelope .....		2621-4811	12/87	120.2	124.6	125.3	11.3	.6
White wove envelopes .....		2621-48111	12/87	120.3	124.5	125.3	11.5	.6
Kraft envelope paper (including unbleached, semi-bleached and bleached kraft) .....		2621-48112	12/87	119.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other uncoated free sheet, n.e.c., including body stock for coating .....		2621-4812	06/81	130.7	132.2	132.2	13.1	0
Packaging and industrial grade papers .....		2621-D	12/87	112.0	115.8	115.8	9.7	0
Unbleached kraft packaging and industrial converting paper .....		2621-7	06/81	132.2	141.8	141.8	7.9	0
Wrapping .....		2621-711	06/81	164.6	175.5	175.5	7.6	0
Shipping sack .....		2621-731	06/81	127.0	137.8	137.8	8.5	0
Bag and sack, other than shipping sack .....		2621-751	06/81	128.5	137.1	137.1	7.6	0
Other unbleached kraft packaging and industrial converting paper .....		2621-761	06/81	135.7	143.2	143.2	7.4	0
Packaging and industrial converting paper, except unbleached kraft. ....		2621-8	06/81	133.8	136.1	136.5	7.2	.3
Wrapping .....		2621-811	06/81	127.4	131.7	131.4	7.7	-.2
Bag and sack, other than shipping sack .....		2621-851	06/81	131.1	134.9	132.9	6.0	-1.5
Other packaging and industrial converting paper, except unbleached kraft. ....		2621-861	06/81	120.6	123.8	124.9	9.7	.9
Glassine, greaseproof, and vegetable parchment .....		2621-881	06/81	147.1	146.2	147.3	3.4	.8
Special industrial paper .....		2621-9	06/81	137.5	138.7	138.5	13.7	-.1
Secondary products and miscellaneous receipts .....		2621-SM						
Secondary products .....		2621-S	06/81	129.7	135.2	135.9	15.4	.5
Pulp mill products .....		2611-S	06/81	117.0	119.6	121.3	12.5	1.4
Other secondary products .....		2621-SSS	06/81	159.0	160.4	160.4	62.3	0
Paperboard mill products .....		2631-S	06/81	132.0	142.0	142.0	7.6	0
Paperboard mills .....	2631		12/82	146.5	154.2	153.7	8.4	-.3
Primary products .....		2631-P	12/82	143.6	150.4	149.9	7.8	-.3
Paperboard, made from primarily virgin wood pulp .....		2631-A	12/88	101.0	106.6	106.3	( <sup>3</sup> )	-.3
Unbleached kraft packaging and industrial converting paperboard (>80% virgin wood pulp) .....		2631-1	12/82	160.0	169.3	169.3	6.9	0
Unbleached linerboard .....		2631-111	12/82	163.9	173.5	173.5	6.8	0
42 lb. kraft linerboard .....		2631-11101	12/82	162.3	172.0	172.3	6.5	.2
Other unbleached linerboard .....		2631-11102	12/82	164.9	174.3	173.9	6.8	-.2
Bleached packaging and industrial converting paperboard (>80% virgin wood pulp) .....		2631-2	12/82	124.8	129.7	129.7	17.1	0
Linerboard .....		2631-211	12/82	134.2	140.4	140.9	( <sup>3</sup> )	.4
Folding carton-type board .....		2631-241	12/82	121.0	125.5	125.5	14.5	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Paperboard mills—Continued</b>								
Bleached paperboard for moist, liquid or oily foods, including milk carton board .....		2631-26	12/88	106.1	110.5	110.4	( <sup>3</sup> )	-0.1
Other bleached paperboard for packaging and other solid bleached board .....		2631-28	12/88	102.0	106.0	106.0	( <sup>3</sup> )	0
Semichemical paperboard (>75% virgin wood pulp) .....		2631-3						
Corrugating medium .....		2631-321	12/82	151.7	162.5	159.5	4.2	-1.8
Recycled paperboard .....		2631-4	12/82	128.0	130.7	129.8	4.6	-7
Linerboard (<80% virgin fiber) .....		2631-411	12/82	143.7	144.7	144.1	.3	-4
Container chip and filler board .....		2631-431	12/82	131.2	( <sup>3</sup> )	130.5	1.9	( <sup>3</sup> )
Folding carton board .....		2631-44	12/88	101.9	103.4	103.4	( <sup>3</sup> )	0
Unlined chipboard .....		2631-443	12/82	118.8	119.7	119.1	( <sup>3</sup> )	-5
Kraft-lined folding carton board .....		2631-444	02/83	( <sup>3</sup> )	( <sup>3</sup> )	124.1	( <sup>3</sup> )	( <sup>3</sup> )
White-lined folding carton board .....		2631-445	12/82	119.9	( <sup>3</sup> )	120.8	5.8	( <sup>3</sup> )
Clay-coated folding carton board .....		2631-446	12/82	111.1	113.5	113.5	9.8	0
Other recycled paperboard .....		2631-48	12/88	100.9	100.9	100.9	( <sup>3</sup> )	0
<b>Converted paper and paperboard products, except containers and boxes .....</b>								
	264		12/84	116.6	119.2	120.1	8.7	.8
<b>Paper coating and glazing .....</b>								
	2641		12/82	123.4	124.6	125.2	5.4	.5
<b>Primary products .....</b>								
Packaging paper and plastics film, coated and laminated .....		2641-P	12/82	122.3	123.6	123.9	6.0	.2
Single web paper, coated rolls and sheets .....		2641-I	12/87	111.9	113.6	113.8	5.9	.2
Single web film, coated rolls and sheets .....		2641-5	12/87	111.9	115.5	116.2	9.7	.6
Multi-web paper/paper laminations .....		2641-6	12/87	108.5	110.3	110.5	6.3	.2
Coated and laminated paper, n.e.c. .....		2641-9	12/87	108.1	109.4	109.4	9.0	0
Printing paper coated at establishments other than where paper was produced .....		2641-II	12/87	109.2	110.2	110.4	6.1	.2
Coated one side (for labels and similar uses) .....		2641-1	12/82	126.6	126.7	126.8	5.5	.1
Gummed products .....		2641-113	12/82	126.4	126.6	126.8	5.9	.2
Gummed sealing tape, paper base and reinforced base, used for sealing and securing .....		2641-3	12/82	119.5	119.1	119.6	5.6	.4
Gummed flat paper, including stock labels, unprinted .....		2641-312	12/82	113.6	113.0	113.6	3.8	.5
Pressure sensitive products .....		2641-331	12/82	126.9	126.9	126.9	9.2	0
Single faced tape .....		2641-4	12/82	119.1	120.8	120.7	5.0	-1
Paper backing .....		2641-4A	12/87	106.3	107.1	107.2	3.5	.1
Cloth backing, except electrical .....		2641-413	12/82	115.7	117.2	117.2	4.2	0
Reinforced and laminated tape .....		2641-433	12/87	112.5	112.2	112.2	4.6	0
Other backings, except rubber .....		2641-453	12/82	104.2	104.4	105.0	3.3	.6
Double faced tape .....		2641-459	12/87	101.7	102.0	102.0	2.0	0
Unprinted pressure sensitive labels .....		2641-46	12/82	127.8	126.5	127.9	2.4	1.1
Pressure sensitive base stock .....		2641-47	12/82	135.0	135.8	135.8	6.8	0
Base stock for labels .....		2641-48	12/87	111.5	115.6	114.9	7.4	-6
Pressure sensitive base stock for other than labels .....		2641-481	04/83	135.3	141.8	140.6	7.4	-8
Other coated and processed paper, n.e.c. .....		2641-485	12/82	120.3	120.3	120.3	7.4	0
Special coated paper and casein and similarly coated papers .....		2641-B	12/82	126.7	127.4	128.2	8.3	.6
Other coated and processed paper, n.e.c. .....		2641-B15	12/87	114.0	115.1	115.4	11.0	.3
Secondary products and miscellaneous receipts .....		2641-B98	12/82	119.2	119.2	120.7	6.0	1.3
Secondary products .....		2641-SM						
Other secondary products .....		2641-S	12/82	127.7	128.5	130.4	3.7	1.5
		2641-SSS	12/87	102.2	102.6	104.5	3.3	1.9
<b>Envelopes .....</b>								
	2642		12/84	114.4	115.6	115.7	6.8	.1
Primary products .....		2642-P	12/84	113.3	114.8	115.1	6.9	.3
Envelopes, all types .....		2642-1	12/84	113.3	114.8	115.1	6.9	.3
<b>Bags, except textile bags .....</b>								
	2643		12/83	145.9	150.0	149.5	13.7	-3
Primary products .....		2643-P	12/83	148.3	152.6	152.0	13.5	-4
Grocers' and variety bags (paper) and wardrobe, shopping, and other bags .....		2643-1	12/83	195.3	210.9	210.5	17.5	-2
Grocers' bags and sacks, paper .....		2643-113	12/83	217.7	237.4	236.8	19.1	-3
Grocers' sacks, paper .....		2643-1131	12/83	178.9	195.2	194.9	21.6	-2
1/6 barrel .....		2643-11311	12/83	350.4	382.4	381.7	16.5	-2
Grocers' bags, paper .....		2643-1132	12/83	318.4	347.1	345.9	15.8	-3
Greater than 5 lb. but less than 13 lb. .....		2643-11322	12/83	310.4	338.0	335.8	15.2	-7
13 lb. or greater .....		2643-11323	12/83	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Shopping bags, all materials .....		2643-151	12/83	130.0	130.3	130.2	8.4	-1
Polyethylene combinations, including polyethylene and foil combinations .....		2643-2	12/83	123.5	122.2	121.1	11.0	-9
Polyethylene combinations, including polyethylene and foil combinations .....		2643-2B						
Unsupported film .....		2643-2C	12/83	133.3	132.8	133.2	11.5	.3
Polyethylene .....		2643-261	12/83	134.1	134.0	134.0	11.3	0
Resale household bags, all materials (garbage, lunch, sandwich, etc.) .....		2643-29	12/83	113.9	( <sup>3</sup> )	105.3	24.8	( <sup>3</sup> )
Film .....		2643-295	12/83	114.2	( <sup>3</sup> )	105.6	27.5	( <sup>3</sup> )
Shipping sacks and multiwall bags, all materials, except textile .....		2643-3	12/83	148.7	152.5	152.2	11.9	-2
Single and double wall .....		2643-311	12/83	129.3	136.2	135.7	11.0	-4
Multiwall (three or more plies) .....		2643-351	12/83	152.1	155.3	155.1	12.1	-1
Secondary products and miscellaneous receipts .....		2643-SM						
Secondary products .....		2643-S	12/83	132.2	132.2	132.2	12.3	0
Other secondary products .....		2643-SSS	12/83	125.7	125.7	125.7	3.7	0
Miscellaneous plastics products .....		3079-S	12/83	155.9	155.9	155.9	21.3	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Die-cut paper and board .....	2645		12/84	116.7	118.1	118.9	9.9	0.7
Primary products .....		2645-P	12/84	117.4	118.6	119.5	10.3	.8
Die-cut office supplies and miscellaneous products .....		2645-1	12/84	114.5	116.2	115.9	7.7	-3
Index cards .....		2645-111	12/84	108.4	( <sup>3</sup> )	113.7	7.5	( <sup>3</sup> )
Expanding file folders, including wallets .....		2645-112	12/84	113.3	115.6	115.4	8.3	-2
Other file folders, including hanging folders .....		2645-114	12/84	112.8	113.9	113.5	6.5	-4
Other die-cut products .....		2645-199	12/84	117.6	119.2	119.2	9.1	0
Pasted, lined, laminated or surface coated paperboard .....		2645-2	12/84	120.4	121.2	123.2	13.0	1.7
Pasted, lined, laminated or surface coated paperboard .....		2645-211	12/84	120.4	121.2	123.2	13.0	1.7
Secondary products and miscellaneous receipts .....		2645-SM						
Miscellaneous receipts .....		2645-M	12/84	112.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		2645-S	12/84	114.8	117.8	118.8	8.4	.8
Pressed and molded pulp goods .....	2646		06/85	108.2	109.4	110.7	8.6	1.2
Primary products .....		2646-P	06/85	108.4	109.5	110.9	8.7	1.3
Other molded pulp goods .....		2646-2	06/85	108.5	109.8	111.2	9.2	1.3
Molded pulp plates and dishes .....		2646-251	06/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other molded pulp and papier mache articles, excluding statuary and art goods .....		2646-298	06/85	130.0	128.1	137.1	14.8	7.0
Sanitary paper products .....	2647		06/83	114.6	118.3	121.1	8.4	2.4
Primary products .....		2647-P	06/83	114.7	118.7	121.7	9.0	2.5
Sanitary napkins and tampons .....		2647-1	06/83	109.2	110.4	110.4	-5.3	0
Tampons .....		2647-151	06/83	138.0	141.1	141.1	5.6	0
Sanitary tissue health products .....		2647-2	06/83	115.7	120.2	123.8	11.7	3.0
Table napkins, including plain creped, and facial tissue .....		2647-22	06/83	119.6	120.2	121.4	6.0	1.0
Industrial (bulk and dispenser type) .....		2647-221	06/83	116.6	117.8	120.2	8.1	2.0
Regular type, single ply .....		2647-221A	06/83	113.8	115.5	115.7	8.7	.2
Bulk .....		2647-22101	06/83	121.5	121.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Facial tissue type, 2 ply or more .....		2647-22103	06/83	123.7	123.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Toilet tissue .....		2647-23	06/83	109.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Disposable diapers, except diaper liners and adult diapers, paper .....		2647-287	06/83	105.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2647-SM						
Secondary products .....		2647-S	06/83	129.0	129.0	130.0	4.0	.8
Other secondary products .....		2647-SSS	06/83	127.5	127.5	127.8	3.1	.2
Stationery products .....	2648		06/85	121.1	126.2	125.5	10.3	-6
Primary products .....		2648-P	06/85	125.2	131.4	130.5	11.2	-7
Stationery .....		2648-1	06/85	106.7	110.6	110.6	2.0	0
Boxed stationery and portfolios .....		2648-111	06/85	103.2	108.5	108.5	.6	0
Tablets and related products .....		2648-2	06/85	130.6	137.4	136.3	13.6	-8
Correspondence type tablets .....		2648-251	06/85	114.5	117.8	117.8	6.6	0
Tablets and pads, except legal and memo .....		2648-254	06/85	128.8	133.1	133.4	18.8	.2
Notebooks .....		2648-257	06/85	122.1	129.8	131.2	11.1	1.1
Looseleaf fillers (school and commercial types) .....		2648-261	06/85	142.5	146.9	145.8	13.5	-7
Wrapped ream papers .....		2648-265	06/85	136.7	150.3	141.6	18.4	-5.8
Other tablets and related products .....		2648-269	06/85	107.9	115.5	116.6	15.8	1.0
Secondary products and miscellaneous receipts .....		2648-SM						
Secondary products .....		2648-S	06/85	102.5	105.3	105.3	4.4	0
Other secondary products .....		2648-SSS	06/85	104.0	108.4	108.4	6.8	0
Converted paper products, n.e.c. ....	2649		06/85	109.8	110.9	110.7	5.5	-2
Primary products .....		2649-P	06/85	109.0	110.2	110.2	5.2	0
Wrapping products (gift wrap type) .....		2649-2	06/85	115.2	116.1	116.1	3.8	0
Wallcoverings .....		2649-3	06/85	101.8	102.2	102.2	2.7	0
Paper wallcoverings .....		2649-3A	06/85	99.0	99.7	99.7	.7	0
Other wallcoverings .....		2649-3B	06/85	105.2	105.2	105.2	5.0	0
Other converted paper and board products .....		2649-5	06/85	110.0	111.6	111.4	6.2	-2
Business machine supplies .....		2649-5A	06/85	115.9	118.8	118.8	12.6	0
Rolls for business machines .....		2649-511	06/85	116.9	119.8	119.8	12.6	0
Novelties, games, displays, and similar products .....		2649-5C	06/85	129.5	129.4	129.4	15.2	0
Other novelties, games, displays, and similar products .....		2649-547	06/85	123.5	123.4	123.4	9.0	0
Industrial paper and board products .....		2649-5D						
Other industrial paper and board products .....		2649-569	06/85	100.4	101.5	101.0	1.4	-5
Miscellaneous paper products .....		2649-5E						
Other miscellaneous paper & board products, including labels, draperies, shelf paper, etc. ....		2649-598	06/85	114.2	115.4	115.3	5.3	-1
Secondary products and miscellaneous receipts .....		2649-SM						
Secondary products .....		2649-S	06/85	106.0	106.5	105.8	1.8	-7
Paperboard containers and boxes .....	265		12/84	115.0	116.5	117.4	5.3	.8
Setup paperboard boxes .....	2652		12/83	113.1	115.6	115.9	4.9	.3
Primary products .....		2652-P	12/83	112.3	114.8	114.8	4.6	0
Setup paperboard boxes (classified by end use) .....		2652-1	12/83	112.3	114.8	114.8	4.6	0
Textiles, wearing apparel, and hosiery .....		2652-121	12/83	119.4	119.9	119.9	( <sup>3</sup> )	0
Department stores and other retail stores .....		2652-131	12/83	115.0	119.8	119.2	( <sup>3</sup> )	-5
Confections .....		2652-141	12/83	107.6	109.3	109.3	1.7	0
Cosmetics, including soap .....		2652-151	12/83	108.8	109.2	109.2	.4	0
Stationery and office supplies .....		2652-161	12/83	122.4	126.3	129.5	10.5	2.5

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Setup paperboard boxes—Continued								
All other end uses, n.e.c. ....		2652-198	12/83	110.0	112.7	112.6	4.2	-0.1
Secondary products and miscellaneous receipts .....		2652-SM						
Secondary products .....		2652-S	12/83	121.1	123.5	127.7	8.3	3.4
Corrugated and solid fiber boxes .....	2653		03/80	143.1	143.3	144.5	2.5	.8
Primary products .....		2653-P	03/80	143.7	143.9	145.2	2.5	.9
Corrugated shipping containers .....		2653-1	03/80	142.3	142.6	143.9	2.5	.9
For foods and beverages .....		2653-112	03/80	147.4	147.8	148.2	1.8	.3
For canned and bottled foods and beverages .....		2653-11201	06/87	113.8	113.8	115.3	4.4	1.3
For fresh fruits and vegetables .....		2653-11202	06/87	114.3	114.3	114.3	.2	0
For dry goods .....		2653-11203	06/87	107.5	110.6	107.5	3.1	-2.8
For all food and beverage uses not specified .....		2653-11204	06/87	114.8	114.8	115.2	.4	.3
For paper and allied products .....		2653-113	03/80	141.4	141.4	142.9	4.1	1.1
For metal products and machinery, equipment and supplies, except electrical .....		2653-116	03/80	151.4	152.8	155.0	2.6	1.4
For electrical machinery, equipment, supplies and appliances .....		2653-118	03/80	129.3	130.5	130.4	1.6	-.1
For all other uses not specified above .....		2653-119	03/80	138.1	137.9	138.7	.8	.6
For chemicals and drugs, including paints, varnishes, cosmetics and soaps .....		2653-11901	06/87	115.0	114.9	116.9	4.4	1.7
For lumber and wood products, including furniture .....		2653-11902	06/87	110.7	110.7	112.1	1.0	1.3
For all other uses .....		2653-11903	06/87	108.6	108.4	108.6	0	.2
Corrugated paperboard in sheets and rolls, lined and unlined .....		2653-3	03/80	147.5	147.1	148.4	2.8	.9
Fiber cans, drums and similar products .....	2655		12/85	115.2	117.1	118.1	9.6	.9
Primary products .....		2655-P	12/85	115.2	116.1	117.1	8.8	.9
Paperboard fiber drums with metal, wood, plastic or paperboard ends .....		2655-1	12/85	122.7	122.9	122.7	8.0	-.2
Fiber cans, tubes, and similar fiber products .....		2655-2	12/85	113.2	114.2	115.6	9.1	1.2
Cans, all fiber and composite .....		2655-221	12/85	113.5	114.9	117.0	12.0	1.8
Food products .....		2655-221A	12/85	105.9	108.2	108.3	5.5	.1
All other food products, excluding pet food .....		2655-22113	12/85	108.2	108.4	108.5	8.0	.1
Non-food products .....		2655-221B	12/85	120.6	121.1	125.2	17.9	3.4
All other non-food products, including pet food .....		2655-22117	12/85	109.0	110.2	109.5	4.2	-.6
Cores and tubes .....		2655-231	12/85	112.4	112.9	113.0	4.5	.1
Paperboard cones, reels, spools, bobbins, and blocks .....		2655-271	12/85	112.9	113.3	114.4	6.8	1.0
Secondary products and miscellaneous receipts .....		2655-SM						
Secondary products .....		2655-S	12/85	114.2	126.9	127.4	16.7	.4
Sanitary food containers .....	2656		06/85	114.2	119.9	120.9	10.1	.8
Primary products .....		2656-P	06/85	111.4	117.9	119.2	12.2	1.1
Milk and milk-type cartons, including juices and other beverages .....		2656-1	06/85	103.5	106.2	107.2	5.3	.9
Cups and liquid-tight containers .....		2656-2	06/85	120.5	128.9	129.3	14.4	.3
Drinking cups and portion serving cups .....		2656-235	06/85	120.4	129.4	129.8	14.9	.3
Other sanitary food containers, boards, and trays, except folding .....		2656-5	06/85	108.8	116.4	120.8	15.5	3.8
Pressed plates, dishes, spoons and similar products .....		2656-511	06/85	107.4	114.8	120.3	23.5	4.8
Secondary products and miscellaneous receipts .....		2656-SM						
Secondary products .....		2656-S	06/85	127.1	130.2	130.2	3.0	0
Other secondary products .....		2656-SSS	12/88	100.0	100.0	100.0	( <sup>3</sup> )	0
Folding paperboard boxes .....	2657		12/83	120.6	123.4	123.8	8.7	.3
Primary products .....		2657-P	12/83	119.5	122.3	122.8	8.0	.4
Folding paperboard boxes, except sanitary food containers, classified by end use .....		2657-1	12/83	119.7	122.1	122.4	7.7	.2
Dry food and produce, incl. pet and animal food .....		2657-114	12/83	115.6	117.7	118.2	7.7	.4
Bottled and canned beverages .....		2657-121	12/83	113.8	115.4	116.1	2.7	.6
Bottled beverages .....		2657-1211	12/83	113.8	115.4	115.1	2.2	-.3
Non-alcoholic beverages .....		2657-12111	12/83	106.1	108.4	106.9	( <sup>3</sup> )	-1.4
Alcoholic beverages .....		2657-12112	12/83	118.4	118.9	120.3	3.7	1.2
Canned beverages .....		2657-1212	12/83	114.2	115.8	117.4	( <sup>3</sup> )	1.4
Alcoholic beverages .....		2657-12122	02/84	99.6	101.6	102.2	( <sup>3</sup> )	.6
Soaps and detergents .....		2657-131	12/83	115.4	118.9	118.9	10.3	0
Tobacco .....		2657-141	12/83	119.6	125.3	125.3	( <sup>3</sup> )	0
Hardware and household supplies .....		2657-151	12/83	123.5	125.2	125.2	7.8	0
Candy .....		2657-161	12/83	117.3	118.5	117.8	3.3	-.6
Cosmetics and medicinal products .....		2657-171	12/83	107.4	108.9	108.7	4.5	-.2
Cosmetics .....		2657-17101	12/83	104.7	107.8	107.2	5.3	-.6
Medicinal products .....		2657-17102	12/83	108.7	109.2	109.2	4.0	0
Paper goods or products, including book mailers .....		2657-181	12/83	124.6	125.7	125.8	8.4	.1
Folding carry-out boxes and trays for retail food .....		2657-195	12/88	100.5	102.6	103.5	( <sup>3</sup> )	.9
All other end uses, n.e.c. ....		2657-198	12/83	130.9	134.7	134.9	10.4	.1
Folding sanitary containers for liquid, moist, oily or perishable foods .....		2657-2	06/85	110.0	114.1	115.4	10.3	1.1
Bakery, fresh and frozen .....		2657-201	06/85	108.6	112.8	110.7	6.8	-1.9
Butter and ice cream packages and food pails .....		2657-202	06/85	119.1	124.0	124.0	13.1	0
Processed meat, margarine, lard and shortening .....		2657-203	06/85	98.3	100.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other frozen foods .....		2657-204	12/88	99.9	103.9	110.2	( <sup>3</sup> )	6.1
Secondary products and miscellaneous receipts .....		2657-SM						
Secondary products .....		2657-S	12/83	126.0	128.2	128.2	11.0	0
Building paper and building board mills .....	2661		12/85	111.6	114.6	113.9	5.8	-.6
Primary products .....		2661-P	12/85	112.2	115.5	114.8	6.4	-.6
Board: asphalt, hardpressed, insulation, roofing, etc. ....		2661-1	12/85	106.4	106.4	105.3	3.7	-1.0
1/2 inch .....		2661-111	12/85	100.2	100.0	96.8	-3.6	-3.2

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Printing, publishing, and allied industries .....	27		12/84	122.6	123.9	124.2	5.6	0.2
Newspaper publishing .....	2711		12/79	203.9	204.7	205.7	6.6	.5
Primary products .....		2711-P	12/79	206.2	207.1	207.9	6.4	.4
Circulation .....		2711-6	12/79	172.6	174.0	173.9	2.2	-.1
Subscriptions .....		2711-61	12/79	178.5	180.6	180.5	3.1	-.1
Through intermediary .....		2711-611	12/79	177.5	179.4	179.4	2.9	0
Direct to reader .....		2711-612	12/79	186.1	189.3	189.2	4.6	-.1
Single copy sales .....		2711-62	12/79	160.0	160.1	160.1	.2	0
Through intermediary .....		2711-621	12/79	164.5	164.9	164.9	.4	0
Direct to reader .....		2711-622	12/79	155.8	155.8	155.8	0	0
Advertising .....		2711-7	12/79	216.7	217.4	218.5	7.5	.5
Classified advertising .....		2711-71	12/79	234.9	235.1	236.7	9.0	.7
Retail, manufacturing & other comm'l. advt'g, exc classifieds and insertion of preprinted ads .....		2711-72	12/79	212.7	213.4	214.4	7.0	.5
National advertising .....		2711-721	12/79	257.8	257.8	258.8	6.5	.4
Local, regional and other advertising .....		2711-722	12/79	206.7	207.5	208.6	7.1	.5
Insertion of preprinted ads .....		2711-73	06/86	109.7	110.7	110.7	6.1	0
Insertion of preprinted ads .....		2711-731	06/86	109.7	110.7	110.7	6.1	0
Secondary products and miscellaneous receipts .....		2711-SM						
Secondary products .....		2711-S	12/79	157.7	157.9	162.0	11.9	2.6
Other secondary products .....		2711-SSS	12/79	158.1	158.1	162.4	12.2	2.7
Periodical publishing .....	2721		12/79	190.8	192.9	192.4	5.1	-.3
Primary products .....		2721-P	12/79	196.9	199.2	198.7	5.5	-.3
Advertising .....		2721-A	12/79	213.9	217.3	216.8	6.4	-.2
Farm periodicals .....		2721-2	12/79	189.5	189.5	189.5	5.0	0
General farm periodicals .....		2721-211	12/79	174.2	174.2	174.2	4.5	0
Specialized farm periodicals .....		2721-215	12/79	218.5	218.5	218.5	5.8	0
Business periodicals .....		2721-4	12/79	193.2	194.9	194.8	6.9	-.1
Industrial periodicals .....		2721-411	12/79	188.7	190.3	190.3	7.5	0
Merchandising periodicals .....		2721-413	12/79	196.1	199.1	198.6	6.9	-.3
Professional periodicals .....		2721-415	12/79	198.5	198.7	198.9	5.3	.1
General periodicals .....		2721-6	12/79	226.2	230.7	230.0	6.3	-.3
Women's periodicals .....		2721-643	12/79	212.9	221.3	221.3	7.0	0
General and special interest periodicals .....		2721-653	12/79	239.8	243.2	242.2	6.2	-.4
Special interest (primarily hobby, entertainment, outdoor sports and auto) .....		2721-65311	06/86	120.6	122.9	122.1	6.6	-.7
General interest (inc. general articles, pictures, fiction, nonfiction, travel and humor) .....		2721-65312	06/86	118.3	118.8	118.8	5.2	0
General news periodicals .....		2721-663	12/79	210.2	210.2	210.2	5.6	0
Other periodicals .....		2721-7	12/79	153.5	157.0	156.5	7.5	-.3
Other periodicals, n.e.c. .....		2721-737	12/79	156.2	160.1	159.5	7.2	-.4
Circulation .....		2721-C	12/79	177.5	178.4	178.0	4.3	-.2
Business periodicals .....		2721-3	12/79	199.1	200.5	200.4	4.0	0
Industrial periodicals .....		2721-307	12/79	164.9	164.9	164.9	5.0	0
Professional periodicals .....		2721-317	12/79	202.1	204.6	204.4	5.1	-.1
General periodicals .....		2721-5	12/79	175.3	176.3	175.7	4.6	-.3
Women's periodicals .....		2721-54	12/79	160.4	160.4	160.4	6.4	0
Subscriptions .....		2721-543	12/79	149.6	149.6	149.6	3.1	0
Single copy sales .....		2721-545	02/80	171.9	171.9	171.9	9.6	0
General and special interest periodicals .....		2721-55	12/79	188.8	190.5	189.4	4.8	-.6
Subscriptions .....		2721-553	12/79	205.2	206.3	206.2	3.2	0
Special interest (primarily hobby, entertainment, outdoor sports and auto) .....		2721-55311	06/86	110.7	112.2	112.1	3.5	-.1
General interest (inc. general articles, pictures, fiction, nonfiction, travel and humor) .....		2721-55312	06/86	121.2	121.2	121.2	3.1	0
Single copy sales .....		2721-555	12/79	165.9	168.2	165.9	7.6	-1.4
Special interest (primarily hobby, entertainment, outdoor sports and auto) .....		2721-55511	06/86	116.9	119.2	116.9	10.7	-1.9
General news periodicals .....		2721-56						
Other periodicals .....		2721-7A	12/79	151.4	151.4	151.4	2.2	0
Religious periodicals .....		2721-703	12/79	171.3	171.3	171.3	3.8	0
Subscriptions .....		2721-71701	06/86	105.4	105.4	105.4	0	0
Single copy sales .....		2721-71702	02/86	121.1	121.5	121.5	2.2	0
Secondary products and miscellaneous receipts .....		2721-SM						
Secondary products .....		2721-S	12/79	149.3	149.6	149.6	1.0	0
Other secondary products .....		2721-SSS	12/79	224.6	227.1	227.0	1.9	0
Book publishing .....		2731-S	12/79	137.8	137.8	137.8	.8	0
Books .....	273		12/84	122.2	124.2	124.2	6.6	0
Book Publishing .....	2731		12/80	161.1	164.0	163.8	6.8	-.1
Primary products .....		2731-P	12/80	162.7	165.7	165.5	7.1	-.1
Textbooks .....		2731-1	12/80	192.8	197.8	199.0	10.2	.6
Elementary textbooks .....		2731-1A	12/80	200.6	213.8	213.8	18.4	0
Hardbound .....		2731-111	12/80	195.8	215.4	215.4	22.9	0
High school textbooks .....		2731-1B	12/80	194.7	194.7	194.7	8.2	0
Hardbound .....		2731-113	12/80	201.0	201.0	201.0	8.8	0
College textbooks .....		2731-1C	12/80	190.5	191.4	194.3	7.5	1.5

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Book Publishing—Continued</b>								
Hardbound .....		2731-115	12/80	190.0	191.0	194.2	8.4	1.7
Paperbound .....		2731-116	12/80	190.4	190.4	191.4	2.1	.5
Workbooks .....		2731-12	12/80	193.6	206.1	205.2	11.0	-.4
Elementary workbooks .....		2731-121	12/80	194.4	204.9	204.9	11.5	0
High school and college workbooks .....		2731-123	12/80	172.1	187.7	184.8	( <sup>3</sup> )	-1.5
Technical, scientific and professional books .....		2731-3	12/80	152.5	155.1	155.8	6.5	.5
Law books .....		2731-31	12/80	154.5	156.8	155.9	( <sup>3</sup> )	-.6
Hardbound .....		2731-315	12/80	150.3	152.9	151.7	( <sup>3</sup> )	-.8
Medical books .....		2731-32	12/80	149.8	150.4	150.5	3.7	.1
Hardbound .....		2731-325	12/80	148.8	149.5	149.6	4.3	.1
Business and other technical, scientific and professional books .....		2731-34	12/80	153.9	158.0	161.1	7.5	2.0
Hardbound .....		2731-345	12/80	151.0	157.4	161.0	10.8	2.3
Paperbound .....		2731-347	12/80	162.0	162.0	164.4	( <sup>3</sup> )	1.5
Religious books .....		2731-4	12/80	152.6	152.8	152.9	3.8	.1
Bibles and testaments .....		2731-415	12/80	138.6	138.6	138.6	( <sup>3</sup> )	0
Other religious books, including hymnals and devotionals .....		2731-44	12/80	162.7	162.9	163.2	6.1	.2
Paperbound .....		2731-447	12/80	198.6	199.2	199.8	( <sup>3</sup> )	.3
General, mass market, adult trade, juvenile, book club and mail order books .....		2731-5	12/80	144.6	146.7	144.7	4.8	-1.4
Book club books .....		2731-B	08/84	123.8	126.1	130.0	( <sup>3</sup> )	3.1
Hardbound .....		2731-B15	08/84	122.6	120.7	121.2	( <sup>3</sup> )	.4
Mass market, adult trade and juvenile books .....		2731-56	06/88	103.0	104.8	101.8	( <sup>3</sup> )	-2.9
Mass market books, rack size .....		2731-A	12/80	149.6	154.2	140.3	-5.0	-9.0
Adult trade and juvenile books .....		2731-D	06/88	105.1	106.2	106.6	( <sup>3</sup> )	.4
Adult trade .....		2731-D4	12/80	135.1	135.8	136.5	7.1	.5
Hardbound .....		2731-D41	12/80	129.9	130.7	131.3	10.7	.5
Paperbound, including mass market other than rack size .....		2731-D47	12/80	146.2	146.4	147.3	1.8	.6
Juvenile books .....		2731-D5	12/80	141.2	145.7	145.7	4.9	0
Hardbound .....		2731-D51	12/80	142.7	146.8	146.8	( <sup>3</sup> )	0
Paperbound .....		2731-D53	12/80	( <sup>3</sup> )	143.5	143.5	( <sup>3</sup> )	0
General reference books .....		2731-7	12/80	148.3	149.2	149.2	3.3	0
Encyclopedias .....		2731-721	12/80	149.1	149.2	149.2	3.0	0
Dictionaries and thesauruses .....		2731-741	12/80	141.0	144.8	144.8	( <sup>3</sup> )	0
Other .....		2731-749	12/80	164.1	164.3	164.3	2.4	0
Other books, excluding pamphlets .....		2731-8	04/81	120.0	120.7	120.2	( <sup>3</sup> )	-.4
Other books, n.e.c. .....		2731-8B	04/81	120.3	120.3	119.5	( <sup>3</sup> )	-.7
Hardbound .....		2731-815	04/81	122.2	122.2	122.2	( <sup>3</sup> )	0
Pamphlets (5-48 pages) .....		2731-9	12/80	146.4	146.4	146.4	( <sup>3</sup> )	0
Other pamphlets .....		2731-959	06/88	100.8	100.8	100.8	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		2731-SM						
Resales .....		2731-Z89	06/88	101.2	101.2	101.2	( <sup>3</sup> )	0
Secondary products .....		2731-S	12/80	156.3	158.7	158.9	4.2	.1
<b>Book printing</b>								
Primary products .....	2732	2732-P	12/83	119.3	120.3	120.8	6.0	.4
Books, printing and binding, lithographic .....		2732-2	12/83	122.1	123.3	123.4	6.7	.1
College textbooks .....		2732-2B	12/83	118.5	120.0	120.2	6.0	.2
Hardbound .....		2732-2B	12/83	119.8	123.6	123.7	7.2	.1
Technical, scientific, business, and professional books .....		2732-225	12/83	120.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Hardbound .....		2732-2C	12/83	123.6	( <sup>3</sup> )	123.7	5.6	( <sup>3</sup> )
Paperbound .....		2732-228	12/83	114.6	( <sup>3</sup> )	114.9	4.5	( <sup>3</sup> )
General consumer and trade books .....		2732-229	12/83	131.9	( <sup>3</sup> )	131.9	6.5	( <sup>3</sup> )
Hardbound .....		2732-2D	12/83	116.3	117.4	118.3	5.9	.8
Paperbound .....		2732-232	12/83	118.5	120.4	120.4	2.9	0
All other books, n.e.c. including religious books, dictionaries, atlases, etc. .....		2732-234	12/83	113.1	113.1	115.3	11.0	1.9
Hardbound .....		2732-2F	12/83	113.9	115.8	115.9	5.8	.1
Paperbound .....		2732-242	12/83	115.4	118.0	118.0	( <sup>3</sup> )	0
Books, printing only or printing and binding, other than lithographic .....		2732-244	12/83	( <sup>3</sup> )	109.9	110.2	( <sup>3</sup> )	.3
Printing and binding .....		2732-8						
Pamphlets, workbooks, and tests, printing only or printing and binding .....		2732-82	12/83	114.9	114.9	114.9	6.2	0
Lithographic printing .....		2732-9						
Workbooks and tests .....		2732-91	12/83	127.6	128.5	128.5	3.5	0
Printing and binding .....		2732-915	12/83	142.2	144.9	144.9	6.0	0
Secondary products .....		2732-91502	12/83	131.1	133.1	133.1	5.1	0
Commercial printing, lithographic .....		2732-S	12/83	105.3	105.3	107.4	( <sup>3</sup> )	2.0
		2752-S	12/83	105.5	105.5	107.6	( <sup>3</sup> )	2.0
<b>Miscellaneous publishing</b>								
Primary products .....	2741	2741-P	06/84	127.2	127.7	127.7	4.9	0
Catalogs and directories, publishing .....		2741-1	06/84	121.2	122.0	121.8	4.3	-.2
Directories .....		2741-11	06/84	121.7	122.6	122.5	5.2	-.1
Telephone .....		2741-113	09/84	130.7	130.8	130.7	5.7	-.1
Other, including business reference services .....		2741-115	06/84	106.4	108.5	108.5	4.3	0
Business service publications .....		2741-2	06/84	125.8	126.4	126.4	4.0	0
Other business service publications, looseleaf and hardbound .....		2741-215	06/84	132.6	133.7	133.7	6.7	0
Other miscellaneous publishing .....		2741-3	06/84	134.2	134.4	134.4	6.5	0
Shopping news .....		2741-321	06/84	147.1	147.5	147.5	8.5	0
Patterns, including clothing patterns .....		2741-396	08/84	118.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other miscellaneous publications (almanacs, yearbooks, etc.) .....		2741-398	06/84	154.6	155.2	155.2	6.9	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Miscellaneous publishing—Continued								
Secondary products and miscellaneous receipts .....		2741-SM						
Miscellaneous receipts .....		2741-M	06/84	113.9	113.9	113.9	0	0
Secondary products .....		2741-S	06/84	121.3	122.6	123.0	3.5	.3
Commercial printing .....	275		12/84	113.6	114.9	115.1	4.4	.2
Commercial printing, lithographic .....	2752							
Primary products .....		2752-P	06/82	121.5	123.1	123.4	4.5	.2
Lithographic magazine and periodical printing .....		2752-1	06/82	121.7	123.4	123.6	4.6	.2
Magazines and periodicals (excluding magazine and comic supplements for Sunday newspapers) .....		2752-11	06/82	120.8	121.1	120.6	2.6	-.4
Sheet-fed .....		2752-11	12/88	100.5	100.8	100.3	( <sup>3</sup> )	-.5
Web-fed .....		2752-112	06/82	119.7	121.1	122.2	3.1	.9
Lithographic label and wrapper printing .....		2752-114	06/82	120.6	120.7	119.7	2.6	-.8
Printed custom and stock labels .....		2752-2	06/82	116.6	119.0	118.7	6.7	-.3
Sheet-fed flat printed labels (ex. pressure sensitive) .....		2752-21	12/88	101.5	103.6	103.3	( <sup>3</sup> )	-.3
Pressure sensitive labels (flat and rolls) .....		2752-212	08/82	115.0	117.7	116.6	( <sup>3</sup> )	-.9
Lithographic catalog and directory printing .....		2752-217	06/82	135.1	135.6	140.6	10.6	3.7
Catalogs, including direct mail .....		2752-3	06/82	119.1	120.7	121.5	4.7	.7
Sheet-fed .....		2752-31	12/88	100.3	101.3	102.3	( <sup>3</sup> )	1.0
Web-fed .....		2752-312	06/82	127.8	129.4	130.2	4.0	.6
Other directories .....		2752-314	06/82	112.1	( <sup>3</sup> )	114.4	3.0	( <sup>3</sup> )
Sheet-fed .....		2752-32	12/88	101.1	103.2	103.2	( <sup>3</sup> )	0
Web-fed .....		2752-32A	06/82	120.0	120.6	120.6	8.8	0
Other directories .....		2752-322	12/88	101.7	( <sup>3</sup> )	101.7	( <sup>3</sup> )	( <sup>3</sup> )
Sheet-fed .....		2752-32B	06/82	126.1	133.2	133.0	16.0	-.2
Web-fed .....		2752-324	12/88	100.0	102.3	102.0	( <sup>3</sup> )	-.3
Lithographic financial and legal printing .....		2752-4	06/82	121.1	123.2	123.7	5.0	.4
SEC filing and prospectuses .....		2752-4A	12/88	100.0	102.5	102.5	( <sup>3</sup> )	0
Sheet-fed .....		2752-412	12/88	100.0	104.8	104.8	( <sup>3</sup> )	0
Web-fed .....		2752-414	12/88	100.0	100.5	100.5	( <sup>3</sup> )	0
Annual reports and other corporate financial printing .....		2752-4B	06/82	120.4	122.6	121.9	3.9	-.6
Sheet-fed .....		2752-416	12/88	101.1	103.7	102.8	( <sup>3</sup> )	-.9
Web-fed .....		2752-418	12/88	103.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other financial and legal printing, (including insurance forms, security certificates, etc.) .....		2752-4C	06/82	121.4	121.8	122.3	4.7	.4
Sheet-fed .....		2752-421	12/88	101.2	101.6	102.0	( <sup>3</sup> )	.4
Lithographic advertising printing .....		2752-5	06/82	122.3	124.1	124.3	5.0	.2
Direct mail .....		2752-51	12/88	100.4	102.7	102.1	( <sup>3</sup> )	-.6
Sheet-fed .....		2752-512	06/82	137.9	143.4	142.9	7.9	-.3
Web-fed .....		2752-514	06/82	121.2	121.5	120.7	.5	-.7
Display advertising .....		2752-52	12/88	101.0	102.4	102.4	( <sup>3</sup> )	0
Posters, (including outdoor advertising, car cards) .....		2752-52A						
Sheet-fed .....		2752-522	12/88	100.0	102.1	102.1	( <sup>3</sup> )	0
Counter and floor displays .....		2752-52B	06/82	124.4	125.0	125.0	1.8	0
Sheet-fed .....		2752-526	12/88	102.2	102.6	102.6	( <sup>3</sup> )	0
Preprinted newspaper inserts .....		2752-53	06/82	99.3	100.0	100.0	1.5	0
Web-fed sections .....		2752-536	12/88	100.6	101.1	101.1	( <sup>3</sup> )	0
Other advertising printing, (including brochures, pamphlets, catalog sheet, etc.) .....		2752-55	12/88	100.5	101.8	102.5	( <sup>3</sup> )	.7
Sheet-fed .....		2752-551	06/82	117.2	118.8	119.2	6.0	.3
Web-fed .....		2752-553	06/82	129.3	130.6	133.0	7.8	1.8
Other lithographic general job printing .....		2752-6	06/82	123.9	126.2	126.5	4.7	.2
Map, atlas, and globe cover printing .....		2752-621	06/82	( <sup>3</sup> )	130.8	130.8	( <sup>3</sup> )	0
Calendars and calendar pads .....		2752-63	06/82	133.6	139.1	137.8	( <sup>3</sup> )	-.9
Sheet-fed .....		2752-636	12/88	103.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ticket, coupon, and food and beverage check printing .....		2752-644	06/82	120.4	127.7	127.7	10.4	0
Playing cards, printed .....		2752-647	04/83	115.0	115.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Business forms, except manifold .....		2752-691	12/88	100.5	102.5	102.5	( <sup>3</sup> )	0
Quick printing .....		2752-696	12/88	100.3	104.4	106.3	( <sup>3</sup> )	1.8
All other general commercial printing, n.e.c., sheet-fed .....		2752-698	12/88	100.6	101.9	102.3	( <sup>3</sup> )	.4
All other general commercial printing, n.e.c., web-fed .....		2752-699	06/82	145.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2752-SM						
Miscellaneous receipts .....		2752-M	06/82	111.8	112.4	115.9	4.3	3.1
Contract work and other miscellaneous receipts .....		2752-XY9	06/82	109.7	108.6	108.6	-.5	0
Resales .....		2752-Z89	08/82	112.8	114.2	119.4	6.6	4.6
Secondary products .....		2752-S	06/82	122.3	124.1	124.3	4.3	.2
Book printing .....		2732-S	06/82	116.6	118.0	117.3	2.8	-.6
Other secondary products .....		2752-SSS	06/82	130.0	131.3	132.7	5.0	1.1
Commercial printing, n.e.c. .....		2759-S	06/82	126.7	129.4	129.4	6.3	0
Letterpress general job printing .....		2759-6S	12/88	102.7	104.1	104.1	( <sup>3</sup> )	0
Manifold business forms .....		2761-S	06/82	124.4	125.5	125.7	4.1	.2
Commercial printing, gravure .....	2754		06/82	107.8	108.5	108.5	2.6	0
Primary products .....		2754-P	06/82	106.6	107.4	107.4	2.0	0
Magazine and periodical printing, (gravure) .....		2754-1	08/82	105.6	106.8	106.8	( <sup>3</sup> )	0
Magazines and periodicals, excluding supplements for Sunday newspapers .....		2754-133	08/82	( <sup>3</sup> )	108.2	108.2	( <sup>3</sup> )	0
Labels and wrappers, printing (gravure) .....		2754-2	06/82	( <sup>3</sup> )	119.3	119.4	( <sup>3</sup> )	.1
Labels, custom and stock, excluding cloth .....		2754-22	06/82	118.3	119.6	120.2	3.5	.5

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Commercial printing, gravure—Continued								
Flat, except pressure sensitive .....		2754-221	06/82	117.7	121.3	121.3	( <sup>3</sup> )	0
Printed rolls and sheets for packaging purposes, excluding bags, envelopes, pouches, etc. ....		2754-23	06/82	114.7	117.4	116.6	5.9	-.7
Advertising printing, (gravure) .....		2754-5						
Other general job printing, (gravure) .....		2754-6	06/82	120.8	123.5	123.6	6.4	.1
All other general commercial printing n.e.c. (gravure) .....		2754-695	06/82	117.8	119.4	119.6	6.0	.2
Secondary products and miscellaneous receipts .....		2754-SM						
Secondary products .....		2754-S	06/82	117.3	117.3	117.5	7.6	.2
Other secondary products .....		2754-SSS	06/82	113.6	113.6	114.3	2.5	.6

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Commerical printing, n.e.c. ....	2759		06/82	131.9	132.8	133.3	4.5	0.4
Primary products .....		2759-P	12/88	100.5	101.4	101.5	( <sup>3</sup> )	.1
Letterpress and screen printing .....		2759-A	06/82	129.2	130.5	130.6	4.5	.1
Letterpress label and wrapper printing .....		2759-2	06/82	121.4	121.4	121.8	5.7	.3
Custom and stock labels, including bordered made of paper foil .....		2759-2A	06/82	117.2	117.3	117.8	4.3	.4
Rolls pressure sensitive, letterpress (self-adhesive) .....		2759-2B	06/82	111.7	112.9	112.8	5.3	-.1
Printed rolls and sheets for packing purposes .....		2759-2B	06/82	129.8	( <sup>3</sup> )	129.8	8.3	( <sup>3</sup> )
Other general job printing .....		2759-6	06/82	136.0	139.4	138.1	7.0	-.9
All other commercial printing n.e.c., including maps, atlases, etc. ....		2759-695	06/82	134.4	137.8	136.6	6.1	-.9
Screen process printing, except textiles .....		2759-7	06/82	121.7	122.5	123.5	1.7	.8
Decalcomanias and labels .....		2759-71	12/88	100.0	101.2	101.2	( <sup>3</sup> )	0
Decalcomanias and pressure sensitives (self-adhesive), excluding labels .....		2759-711	06/82	126.5	126.8	126.8	.4	0
All other screen process, n.e.c. ....		2759-798	06/82	125.9	125.9	125.9	2.1	0
Engraving .....		2759-B	12/84	111.0	111.4	111.5	3.2	.1
Engraving .....		2759-8	12/84	111.0	111.4	111.5	3.2	.1
Social engraving .....		2759-812	12/84	118.6	120.5	121.1	3.5	.5
Secondary products and miscellaneous receipts .....		2759-SM						
Secondary products .....		2759-S	06/82	146.5	145.5	148.5	6.8	2.1
Commercial printing, lithographic .....		2752-S	06/82	144.3	145.9	145.9	7.8	0
Other secondary products .....		2759-SSS	12/88	102.3	100.0	103.9	( <sup>3</sup> )	3.9
Manifold business forms .....	2761		12/83	123.8	125.9	126.6	6.6	.6
Primary products .....		2761-P	12/83	124.1	126.2	127.1	7.2	.7
Unit set forms .....		2761-2	12/83	124.1	127.0	127.7	6.7	.6
Custom printed .....		2761-25	12/83	123.9	127.3	128.1	6.6	.6
Carbon .....		2761-253	12/83	124.6	128.7	128.9	6.4	.2
Carbonless .....		2761-255	12/83	121.3	121.7	124.5	6.9	2.3
Manifold books, including sales, and pegboard accounting systems .....		2761-3	12/83	122.0	125.0	124.2	6.8	-.6
Pegboard accounting systems .....		2761-311	12/83	124.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Sales and other manifold books .....		2761-313	12/83	120.2	125.1	123.7	5.4	-1.1
Custom printed .....		2761-31342	12/83	121.7	127.2	125.7	6.5	-1.2
Custom continuous forms, with or without carbon, marginally punched or not .....		2761-5	12/83	127.5	128.4	130.4	8.8	1.6
Custom fanfold .....		2761-531	12/83	128.7	132.1	132.6	6.6	.4
All other custom printed continuous forms .....		2761-557	12/83	127.0	127.8	130.0	8.8	1.7
One part .....		2761-5578	12/83	136.9	138.6	139.0	8.1	.3
Multiple parts .....		2761-5579	12/83	123.6	124.0	126.9	9.1	2.3
Carbon .....		2761-55792	12/83	124.5	124.9	127.7	9.1	2.2
Carbonless .....		2761-55794	12/83	118.5	119.7	122.7	9.2	2.5
Stock continuous forms .....		2761-7	12/83	119.6	122.3	122.1	5.5	-.2
Stock shelf forms .....		2761-76	12/83	119.5	122.2	122.1	5.5	-.1
One part .....		2761-761	12/83	123.5	124.5	125.6	7.7	.9
Multiple parts .....		2761-762	12/83	117.5	121.1	120.3	4.4	-.7
Carbon .....		2761-76203	12/83	115.7	119.3	118.4	3.8	-.8
Secondary products and miscellaneous receipts .....		2761-SM						
Secondary products .....		2761-S	12/83	131.3	133.4	133.4	4.7	0
Commercial printing, lithographic .....		2752-S	12/83	132.5	133.3	133.3	3.1	0
Other secondary products .....		2761-SSS	12/83	126.4	126.6	126.6	3.2	0
Greeting card publishing .....	2771		12/85	111.6	115.2	115.2	5.7	0
Primary products .....		2771-P	12/85	111.1	114.5	114.5	2.4	0
Publishers' sales .....		2771-1	12/85	111.5	115.0	115.0	2.9	0
Seasonal greeting cards .....		2771-1A	12/85	109.5	112.2	112.2	-4.1	0
Counter cards .....		2771-111	12/85	108.6	108.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Packaged cards (including boxed cards) .....		2771-112	12/85	110.9	117.9	117.9	9.5	0
Non-seasonal greeting cards .....		2771-1B	12/85	113.4	117.7	117.7	10.2	0
Counter cards .....		2771-153	12/85	114.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Packaged cards (including boxed cards) .....		2771-155	12/85	106.5	110.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2771-SM						
Secondary products .....		2771-S	12/85	111.0	115.1	115.1	16.0	0
Blankbooks, looseleaf binders, and bookbinding and related work .....	278		06/85	115.5	117.8	119.7	7.2	1.6
Blankbooks and looseleaf binders .....	2782		06/85	117.6	119.7	122.3	8.4	2.2
Primary products .....		2782-P	06/85	116.8	118.7	121.6	8.3	2.4
Blankbook making .....		2782-1	06/85	120.9	123.3	126.3	7.7	2.4
Columnar, ledger, and account books .....		2782-111	06/85	120.8	122.7	126.7	13.3	3.3
Diaries and appointment books .....		2782-135	06/85	111.2	111.8	111.8	( <sup>3</sup> )	0
Checkbooks, inserts and refills, excluding continuous forms and die cut .....		2782-141	06/85	121.4	122.3	125.8	6.3	2.9
Letterpress process .....		2782-14111	06/85	120.9	122.0	124.6	6.0	2.1
Lithographic process .....		2782-14112	07/85	120.9	120.9	129.1	( <sup>3</sup> )	6.8
Miscellaneous blankbooks and paper ruling .....		2782-151	06/85	115.6	( <sup>3</sup> )	116.2	10.5	( <sup>3</sup> )
Other miscellaneous blankbooks .....		2782-15155	06/85	112.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Looseleaf binders and devices .....		2782-2	06/85	109.1	110.1	112.9	9.5	2.5
Looseleaf binders, ring and prong type, including looseleaf memo books .....		2782-233	06/85	108.2	109.1	111.7	10.9	2.4
Miscellaneous looseleaf binders and devices .....		2782-239	06/85	111.1	112.6	115.2	4.6	2.3
Other looseleaf binders and devices .....		2782-23998	06/85	111.9	116.9	117.0	7.3	.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Blankbooks and looseleaf binders—Continued								
Secondary products and miscellaneous receipts .....		2782-SM						
Miscellaneous receipts .....		2782-M	06/85	161.5	169.0	173.5	11.7	2.7
Secondary products .....		2782-S	06/85	114.9	117.6	118.4	8.6	.7
Stationery products .....		2648-S	06/85	123.0	123.0	126.4	8.4	2.8
Other secondary products .....		2782-SSS	06/85	106.8	108.6	108.6	10.8	0
Bookbinding and related work .....	2789		12/85	108.3	110.7	110.7	3.2	.0
Primary products .....		2789-P	12/85	108.9	111.3	111.3	3.2	0
Edition, library, trade and other hardcover bookbinding of materials printed elsewhere .....		2789-1	12/85	109.2	111.0	111.0	2.1	0
Technical, scientific, business and professional books, and college textbooks .....		2789-112	12/85	127.9	127.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other books n.e.c. including dictionaries .....		2789-116	12/85	111.3	119.5	118.1	5.2	-1.2
Library binding including prebinding, rebinding, and hardcover binding of periodicals .....		2789-141	12/85	105.4	106.3	106.4	3.3	.1
Other book and pamphlet binding and related work .....		2789-2	12/85	108.7	111.5	111.5	4.1	0
Soft cover binding of books (49 pages or more) .....		2789-223	12/85	106.7	106.7	107.2	1.8	.5
Pamphlet and other soft cover binding .....		2789-225	12/85	102.1	102.1	102.1	.8	0
Mechanical binding of products printed elsewhere .....		2789-261	12/85	107.7	108.4	108.4	2.7	0
Miscellaneous bookbinding work and related service operations on material printed elsewhere .....		2789-291	12/85	113.8	119.6	119.6	7.0	0
Secondary products and miscellaneous receipts .....		2789-SM						
Secondary products .....		2789-S	12/85	99.2	103.0	103.0	4.0	0
Other secondary products .....		2789-SSS	12/85	99.4	( <sup>3</sup> )	99.4	-3.0	( <sup>3</sup> )
Service industries for the printing trade .....	279		06/85	107.7	108.8	108.8	2.4	0
Typesetting .....	2791		06/85	108.3	109.6	109.1	2.6	-5
Primary products .....		2791-P	06/85	108.3	109.9	109.4	2.8	-5
Hot metal and related typesetting, including hand and machine composition .....		2791-1	06/85	103.0	( <sup>3</sup> )	104.6	4.1	( <sup>3</sup> )
Photographic typesetting, including phototypesetting and photolettering .....		2791-2	06/85	110.0	111.1	110.9	2.2	-2
Computer controlled, with pagination capability .....		2791-211	06/85	110.0	110.9	110.7	2.3	-2
All other phototypesetting .....		2791-212	06/85	110.4	113.1	112.9	2.3	-2
Secondary products and miscellaneous receipts .....		2791-SM						
Secondary products .....		2791-S	06/85	109.3	( <sup>3</sup> )	101.6	-3.7	( <sup>3</sup> )
Photoengraving .....	2793		06/85	108.3	108.9	108.9	1.6	0
Primary products .....		2793-P						
Photoengraving plates made for others .....		2793-1	06/85	107.3	108.0	108.0	.9	0
Magnesium .....		2793-117	06/85	109.6	112.1	112.1	3.1	0
Secondary products and miscellaneous receipts .....		2793-SM						
Secondary products .....		2793-S	06/85	114.3	114.4	114.4	5.0	0
Other secondary products .....		2793-SSS	06/85	117.6	118.0	118.0	12.9	0
Lithographic platemaking services .....		2795-S	06/85	112.0	112.0	112.0	0	0
Lithographic platemaking services .....	2795		12/85	106.2	107.3	107.7	2.3	.4
Primary products .....		2795-P	12/85	105.8	107.0	107.5	2.5	.5
Lithographic plates .....		2795-1	12/85	105.0	108.4	109.1	4.7	.6
Diazo type plates prepared for printing .....		2795-113	12/85	107.4	111.8	110.5	2.1	-1.2
All other lithographic plates .....		2795-129	12/85	107.9	108.9	110.7	4.0	1.7
Lithographic platemaking services .....		2795-2	12/85	106.1	106.4	106.9	1.5	.5
Color corrected process positives or negatives on film .....		2795-231	12/85	105.0	105.4	106.2	1.9	.8
All other film .....		2795-239	12/85	105.4	105.8	104.6	-4	-1.1
Assembled flats for platemaking .....		2795-241	12/85	112.2	112.2	112.9	2.1	.6
Secondary products and miscellaneous receipts .....		2795-SM						
Secondary products .....		2795-S	12/85	108.3	108.3	108.3	1.3	0
Photoengraving .....		2793-S	12/85	106.0	106.1	106.0	.6	-1
Other secondary products .....		2795-SSS	12/85	109.9	109.8	109.9	1.9	.1
Chemicals and allied products .....	28		12/84	119.8	121.4	121.1	8.4	-2
Industrial inorganic chemicals .....	281		12/84	114.5	117.4	117.7	15.4	.3
Alkalies and chlorine .....	2812		12/80	123.4	127.9	130.2	13.3	1.8
Primary products .....		2812-P	12/80	128.5	131.9	135.5	18.1	2.7
Chlorine .....		2812-1	12/80	122.0	114.5	113.7	-11.0	-7
Liquid chlorine .....		2812-115	12/80	120.4	113.1	112.3	-10.4	-7
Sodium hydroxide (caustic soda) .....		2812-3	12/80	133.0	142.6	148.7	38.2	4.3
All other concentrations - liquid .....		2812-365	12/80	135.7	142.7	149.6	39.7	4.8
50 percent regular diaphragm grade .....		2812-36511	12/80	139.8	142.8	152.2	38.4	6.6
50 percent from mercury cell .....		2812-36512	12/80	128.8	142.6	145.7	43.3	2.2
Other liquid concentrations (incl. other 50% grades) .....		2812-36521	12/80	132.0	( <sup>3</sup> )	141.4	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2812-SM						
Secondary products .....		2812-S	12/80	115.4	121.5	122.0	6.6	.4
Industrial gases .....	2813		06/81	116.6	124.6	123.9	7.1	-6
Primary products .....		2813-P	06/81	113.9	123.0	122.2	8.8	-7
Acetylene .....		2813-2	06/81	123.5	129.9	129.9	5.2	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Industrial gases—Continued</b>								
Carbon dioxide .....		2813-3	06/81	116.3	118.2	118.2	2.1	0
Nitrogen .....		2813-5	06/81	101.7	101.1	98.2	-2.1	-2.9
Oxygen .....		2813-6	06/81	112.5	135.5	135.5	20.4	0
Other industrial gases .....		2813-7	06/81	126.1	127.8	127.9	6.1	.1
<b>Inorganic pigments .....</b>	<b>2816</b>		06/83	134.9	135.1	137.7	11.0	1.9
Primary products .....		2816-P	06/83	136.4	136.7	138.5	11.6	1.3
Titanium pigments .....		2816-1	06/83	138.3	141.5	144.4	16.8	2.0
Chrome colors and other inorganic pigments .....		2816-3	06/83	133.2	128.3	128.3	2.6	0
Iron oxide pigments .....		2816-331	06/83	126.5	127.8	127.8	3.7	0
Colored lead pigments .....		2816-34	06/83	182.0	156.8	156.7	1.8	-1
Litharge .....		2816-345	06/83	182.0	156.8	156.7	1.8	-1
All other color pigments, incl. iron blues, pearl essence, and copper oxides .....		2816-398	06/83	126.1	119.4	119.3	2.1	-1
Secondary products and miscellaneous receipts .....		2816-SM						
Secondary products .....		2816-S	06/83	127.9	125.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other secondary products .....		2816-SSS	06/83	112.0	117.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Industrial inorganic chemicals, n.e.c. ....</b>	<b>2819</b>		12/82	116.0	118.3	118.2	15.2	-1
Primary products .....		2819-P	12/82	116.1	116.8	116.8	6.9	0
Sulfuric acid (new and fortified) .....		2819-3	12/82	104.1	101.2	101.8	.3	.6
Oleum grades .....		2819-314	12/82	80.4	80.4	80.4	.2	0
Other than oleum grades .....		2819-331	12/82	109.8	106.2	107.0	.4	.8
Other inorganic acids (ex. sulfuric, nitric and phosphoric) .....		2819-4	12/82	96.3	95.8	95.8	5.0	0
Hydrochloric acid .....		2819-44	12/82	115.3	115.3	115.3	.4	0
Hydrofluoric acid (withdrawn from system) .....		2819-463	08/83	92.8	93.0	92.9	5.8	-1
Other inorganic acids, n.e.c., inc. boric, chromic, hydrocyanic, and mixed (sulf. and nitric) .....		2819-498	12/82	95.6	94.7	94.8	7.1	.1
Other aluminum compounds, n.e.c. ....		2819-6	12/82	126.1	126.4	127.1	22.4	.6
Aluminum hydroxide (trihydrate) .....		2819-625	12/82	169.5	161.6	167.8	32.6	3.8
Other aluminum compounds (in. sodium aluminate, light alum. hydroxide, cryolite and alum, etc.) .....		2819-671	06/87	131.0	131.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Potassium and sodium compounds (ex. bleaches, alkalies and alums) ....		2819-7	12/82	110.4	112.0	112.0	4.1	0
Sodium compounds (inc. sodium metal) .....		2819-7A	12/82	106.6	108.3	108.3	3.4	0
Sodium phosphates .....		2819-73	12/82	98.1	99.1	99.3	.2	.2
Sodium tripolyphosphate (STPP) .....		2819-738	12/82	93.8	95.4	95.4	1.7	0
Other selected sodium phosphates (mono, di, tri, and tetrabasic; meta- and acid pyro) .....		2819-739	12/82	109.5	109.0	109.4	-3.4	.4
Sodium metal and other sodium compounds (inc. sod. borate, fluoride, hydrosulfide, etc.) .....		2819-788	12/82	111.0	114.1	114.2	6.6	.1
Potassium compounds, n.e.c. ....		2819-7B	12/82	130.4	132.0	132.0	7.3	0
Inorganic chemical catalytic preparations, n.e.c. ....		2819-8						
Inorganic chemical catalytic preparations, n.e.c. ....		2819-811	12/82	106.3	106.3	104.9	4.1	-1.3
Other industrial inorganic chemicals, n.e.c. ....		2819-9	12/82	110.4	112.1	112.1	5.3	0
Selected alkali earth metal compounds, n.e.c. ....		2819-9A	12/82	104.2	113.2	113.2	9.0	0
Barium and magnesium compounds (inc. bulk epsom salts) .....		2819-922	12/82	119.9	130.3	130.3	9.0	0
Selected metallic mineral compounds, n.e.c. ....		2819-9F	12/82	119.8	119.6	119.8	8.2	.2
Copper, iron and silver compounds, n.e.c. ....		2819-984	12/82	135.3	( <sup>3</sup> )	132.8	11.5	( <sup>3</sup> )
Other inorganic chemicals, n.e.c. ....		2819-9G	12/82	132.8	132.8	133.2	3.8	.3
Other, inc. reagent from tech. grades, industrial bleaches, gold & titanium compounds .....		2819-998	12/82	147.9	147.9	148.0	1.3	.1
Secondary products and miscellaneous receipts .....		2819-SM						
Secondary products .....		2819-S	12/82	136.1	141.5	140.2	7.8	-9
<b>Plastic materials and synthetic resins, rubbers, and non-glass fibers .....</b>	<b>282</b>		12/84	120.3	121.8	121.1	7.0	-6
<b>Plastic materials and resins .....</b>	<b>2821</b>		12/80	153.1	155.0	153.5	8.4	-1.0
Primary products .....		2821-P	12/80	144.7	145.9	144.5	7.3	-1.0
Thermoplastic resins .....		2821-3	12/80	147.7	147.3	146.1	6.6	-8
Nylon resins .....		2821-311	12/81	102.5	103.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Polyester resins saturated .....		2821-321	12/80	164.9	168.5	167.2	15.4	-8
Low density polyethylene resins .....		2821-331	12/80	164.7	166.1	163.9	15.3	-1.3
For film and sheeting .....		2821-33101	12/80	158.1	160.1	157.1	17.2	-1.9
For all other uses .....		2821-33103	12/80	172.5	173.2	172.3	11.4	-5
High density polyethylene resins .....		2821-341	12/80	165.2	163.0	159.9	6.2	-1.9
For blow molding .....		2821-34101	12/80	167.0	164.4	161.0	7.5	-2.1
For all other uses .....		2821-34102	12/86	172.0	169.9	166.9	5.5	-1.8
Polypropylene resins .....		2821-351	12/80	144.0	140.5	140.5	1.8	0
For injection molding .....		2821-35101	12/80	158.7	156.0	156.0	.6	0
For fiber and filaments .....		2821-35102	12/80	147.7	141.8	141.8	-2.1	0
Styrene plastics materials .....		2821-361	12/80	152.1	152.5	149.5	2.9	-2.0
All other styrene plastic materials including styrene acrylonitrile (SAN) .....		2821-36104	04/82	146.2	151.7	150.5	12.5	-8
Vinyl and vinylidene resins .....		2821-371	12/80	129.1	129.4	129.5	4.4	.1
Polyvinyl chloride .....		2821-37101	12/80	125.4	125.7	125.8	4.4	.1
Other engineering thermoplastic resins .....		2821-381	12/81	101.4	100.2	100.1	1.0	-1
Other non-engineering thermoplastic resins .....		2821-399	12/80	( <sup>3</sup> )	132.5	133.0	( <sup>3</sup> )	.4
Thermosetting resins .....		2821-4	12/80	132.0	139.7	137.5	10.2	-1.6

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Plastic materials and resins—Continued								
Alkyd resins .....		2821-401	12/86	107.6	109.5	109.9	( <sup>3</sup> )	0.4
Phenolic and other tar acid resins .....		2821-421	12/80	166.7	177.7	174.8	21.7	-1.6
Phenolic molding compounds .....		2821-42101	12/80	136.3	140.1	140.1	8.4	0
All other phenolic and other tar acid resins .....		2821-42102	12/80	174.4	187.2	183.6	24.7	-1.9
All other thermosetting resins .....		2821-499	12/80	120.4	129.4	126.2	6.9	-2.5
Secondary products and miscellaneous receipts .....		2821-SM						
Secondary products .....		2821-S	12/80	196.6	200.6	199.0	12.5	-8
Synthetic rubber .....	2822		06/81	109.8	109.0	108.7	3.7	-3
Primary products .....		2822-P	06/81	112.4	111.0	110.7	2.6	-3
Styrene butadiene (SBR) .....		2822-1	06/81	104.2	102.2	100.9	-1.4	-1.3
Styrene butadiene - solid .....		2822-111	06/81	106.2	103.7	102.0	-1.6	-1.6
Polybutadiene .....		2822-2	06/81	85.7	83.4	83.2	6.0	-2
Other synthetic elastomers .....		2822-8	06/81	117.6	118.6	120.0	9.2	1.2
Secondary products and miscellaneous receipts .....		2822-SM						
Cellulosic man-made fibers .....	2823		06/84	116.4	117.8	119.3	10.8	1.3
Primary products .....		2823-P	06/84	116.4	117.8	119.3	10.8	1.3
Rayon .....		2823-2	06/84	121.4	125.7	130.2	21.0	3.6
Staple and tow .....		2823-241	06/84	118.0	123.4	128.4	22.1	4.1
Noncellulosic organic fibers .....	2824		06/81	98.7	101.3	101.1	4.6	-2
Primary products .....		2824-P	06/81	98.7	102.1	101.9	4.3	-2
Yarn and monofilament .....		2824-7	06/81	102.6	106.9	106.4	3.9	-5
Nylon and aramid, excluding producer textured yarn .....		2824-701	06/81	99.9	103.8	104.2	4.5	.4
Textile .....		2824-7012	06/81	101.7	106.1	106.7	8.3	.6
All other drawn equivalent deniers .....		2824-70124	06/81	99.4	101.6	101.6	8.5	0
Polyester, excluding producer textured yarn .....		2824-702	06/81	98.2	107.1	106.9	9.5	-2
Textile, selected deniers .....		2824-7021	06/81	81.7	94.6	94.3	16.1	-3
145-179 drawn equivalent denier .....		2824-70212	06/81	74.8	90.8	90.4	23.7	-4
All other polyester yarn and monofilament, except producer textured .....		2824-70221	06/81	102.1	103.9	103.9	-4.2	0
Producer textured yarn and monofilament .....		2824-703	06/81	108.9	109.8	107.5	-1.3	-2.1
Nylon .....		2824-7032						
Carpet yarn .....		2824-70322	06/81	102.5	103.6	100.9	-2.3	-2.6
Other yarn and monofilament .....		2824-705	06/81	120.1	121.9	121.5	( <sup>3</sup> )	-3
Staple, tow and fiberfill .....		2824-8	06/81	93.2	95.2	95.5	5.1	.3
Nylon and aramid .....		2824-801	06/81	105.7	107.9	108.3	-1.8	.4
Acrylic and modacrylic .....		2824-802	06/81	71.3	73.1	73.2	3.2	.1
Up to 4 denier .....		2824-80201	06/81	82.2	84.6	84.7	3.9	.1
Polyester .....		2824-803	06/81	93.4	95.5	96.0	( <sup>3</sup> )	.5
Staple and tow .....		2824-8031	06/81	90.6	92.6	93.1	( <sup>3</sup> )	.5
Up to 2.5 denier, excluding fiberfill .....		2824-80312	06/81	85.7	89.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Drugs .....	283		12/84	134.2	137.1	136.6	7.3	-4
Biological products .....	2831		03/80	144.4	145.5	145.8	3.0	.2
Primary products .....		2831-P	03/80	141.6	142.5	142.4	2.7	-1
Diagnostic substances .....		2831-A	06/87	103.0	103.8	103.8	2.3	0
Reagents .....		2831-A21	06/87	104.6	104.9	105.6	2.7	.7
Standards & controls .....		2831-A22	06/87	100.6	103.3	99.8	2.0	-3.4
Microbiology, virology & serology products .....		2831-A27	06/87	105.4	103.4	102.0	.1	-1.4
Blood and blood derivatives, for human use .....		2831-1	03/80	117.3	118.3	118.2	9.0	-1
Other blood derivatives or fractions, except those used for passive immunization .....		2831-119	03/80	116.2	116.6	116.4	9.0	-2
Other biologicals for human use, except diagnostics .....		2831-7	06/87	100.2	100.2	100.2	0	0
Allergenic extracts & other biologics for human use .....		2831-725	03/80	213.1	213.1	213.1	0	0
Biological products for veterinary use, except diagnostics .....		2831-8	03/80	83.8	83.9	83.9	.8	0
Vaccines, bacterins, toxoids & other antigens for active immunization .....		2831-814	03/80	86.1	86.2	86.2	1.1	0
Biological products for industrial & other uses .....		2831-9	03/87	137.2	136.0	134.8	4.7	-9
Secondary products and miscellaneous receipts .....		2831-SM						
Miscellaneous receipts .....		2831-M	12/80	164.0	167.2	167.2	3.5	0
Secondary products .....		2831-S	03/80	148.7	150.1	153.7	3.6	2.4
Medicinal chemicals and botanical products (in bulk) .....	2833		06/82	102.5	103.8	103.1	5.6	-7
Primary products .....		2833-P	06/82	98.0	99.9	99.6	7.9	-3
Synthetic organic medicinal chemicals .....		2833-1	06/82	96.6	98.6	98.2	9.2	-4
Other medicinals and botanicals .....		2833-2	06/82	104.1	106.2	106.2	3.2	0
Botanical drugs .....		2833-201	06/82	100.4	101.4	101.4	1.1	0
Other inorganic medicinals .....		2833-204	06/82	74.0	74.3	74.3	5.1	0
Mixtures of two or more substances for therapeutic or prophylactic use .....		2833-205	06/82	111.5	114.0	114.0	5.8	0
Other mixtures of two or more substances .....		2833-20595	06/82	123.6	123.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2833-SM						
Secondary products .....		2833-S	06/82	120.0	117.8	115.5	-2.0	-2.0
Other secondary products .....		2833-SSS	06/82	118.8	118.7	116.4	.3	-1.9
Pharmaceutical preparations .....	2834		06/81	183.6	188.0	187.2	7.8	-4
Primary products .....		2834-P	06/81	187.4	192.0	191.6	7.9	-2
Pharmaceutical preparations, prescription .....		2834-1	06/81	200.0	205.4	205.8	8.5	.2

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Pharmaceutical preparations—Continued								
Analgesics .....		2834-102	06/81	264.0	267.8	267.8	10.3	0
Narcotic analgesics .....		2834-1021	06/81	265.8	267.4	267.4	20.7	0
Non-narcotic analgesics .....		2834-1022	08/81	268.4	272.8	272.8	8.3	0
Aspirin, APC and related .....		2834-10229	10/81	327.8	327.8	327.8	5.3	0
Antiarthritics .....		2834-105	06/81	149.5	150.4	150.4	5.1	0
Anticonvulsants .....		2834-107	06/81	226.4	236.1	236.1	5.7	0
Systemic antihistamines .....		2834-109	06/81	257.4	269.9	269.9	13.5	0
Systemic anti-infectives .....		2834-111	06/81	164.1	166.2	166.3	4.9	.1
Broad and medium spectrum antibiotics .....		2834-1111	06/81	159.6	160.3	155.3	.8	-3.1
Cephalosporins .....		2834-11111	06/81	194.1	194.1	180.9	-3.0	-6.8
Erythromycins .....		2834-11113	06/81	103.4	103.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Tetracyclines .....		2834-11114	06/81	161.7	170.5	166.8	8.2	-2.2
Other broad and medium spectrum antibiotics .....		2834-11119	06/81	117.2	117.0	118.3	6.0	1.1
Systemic penicillins .....		2834-11129	08/81	150.1	148.5	164.6	10.5	10.8
Urinary antibacterials .....		2834-11139	06/81	216.1	236.1	233.1	16.7	-1.3
Bronchial therapy .....		2834-118	06/81	240.9	243.2	242.7	23.3	-2
Cancer therapy products .....		2834-119	06/81	323.5	337.2	337.2	9.2	0
Cardiovascular therapy .....		2834-121	06/81	216.8	220.2	216.8	6.6	-1.5
Antihypertensive drugs .....		2834-12119	06/81	221.1	221.5	213.8	3.0	-3.5
Vasodilators .....		2834-12129	06/81	186.1	194.2	194.2	12.4	0
Other cardiovasculars .....		2834-12191	06/81	215.9	219.7	218.5	7.4	-5
CNS stimulants/antiobesity preparations .....		2834-123	06/81	345.4	353.9	351.9	25.5	-6
Cough and cold preparations .....		2834-125	06/81	212.9	215.0	215.0	7.7	0
Nasal decongestants .....		2834-12512	12/87	119.9	120.4	120.4	( <sup>3</sup> )	0
Dermatological preparations .....		2834-126	06/81	246.6	249.4	249.4	6.4	0
Acne preparations .....		2834-12611	12/87	108.8	108.8	108.8	8.5	0
Fungicides .....		2834-12619	06/81	197.9	202.3	202.3	7.6	0
Topical anti-infectives .....		2834-12631	12/87	100.4	100.7	100.7	.4	0
Antipruritics .....		2834-12641	06/81	213.1	218.3	218.3	13.6	0
Diabetes therapy .....		2834-127	06/81	145.9	150.2	150.2	9.0	0
Diuretics .....		2834-128	06/81	183.5	192.7	192.5	12.5	-1
Hormones .....		2834-135	06/81	131.0	140.2	162.4	11.6	15.8
Muscle relaxants .....		2834-139	06/81	219.6	220.8	220.8	13.0	0
Nutrients and supplements .....		2834-141	06/81	199.4	199.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ophthalmic and otic preparations .....		2834-142	06/81	252.2	262.1	264.0	12.7	.7
Psychotherapeutics .....		2834-144	06/81	284.7	303.5	300.8	12.1	-9
Tranquilizers .....		2834-1441	12/87	110.3	120.5	118.9	12.0	-1.3
Major tranquilizers .....		2834-14411	12/87	104.5	109.9	111.0	8.0	1.0
Minor tranquilizers .....		2834-14412	12/87	115.4	129.9	126.0	15.4	-3.0
Antidepressants .....		2834-1442	12/87	115.2	116.7	116.7	12.3	0
Sedatives .....		2834-145	06/81	378.3	422.3	422.3	15.7	0
Vitamins .....		2834-148	06/81	161.7	169.5	169.5	15.1	0
Adult multivitamins .....		2834-14819	06/81	195.8	207.3	207.3	16.3	0
Miscellaneous prescription pharmaceutical preparations .....		2834-198	06/81	202.5	210.5	209.6	8.0	-4
Pharmaceutical preparations, non-prescription .....		2834-2	06/81	159.6	162.0	162.2	4.9	.1
Analgesics, internal (except antiarthritics) .....		2834-201	06/81	195.1	201.6	201.6	8.0	0
Non-aspirin (including effervescent) .....		2834-20102	06/81	147.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Antacids .....		2834-202	06/81	158.7	163.3	163.3	3.5	0
Antiseptics and antibacterials .....		2834-206	06/81	143.9	150.8	150.8	4.8	0
Cough and cold preparations .....		2834-208	06/81	170.8	174.0	174.3	3.8	.2
Cough syrups, elixirs, expectorants, drops, lozenges, gums, troches .....		2834-20819	06/81	145.7	148.4	148.4	3.8	0
Cold tablets, capsules (including antihistamine cold preparations) .....		2834-20831	06/81	182.1	187.1	187.1	2.7	0
Decongestants .....		2834-20849	06/81	201.3	205.8	205.8	4.4	0
Other cough and cold preparations, inc. decongestant and antihistamine mixtures .....		2834-20851	06/81	172.5	173.0	174.5	4.9	.9
Dermatologicals .....		2834-209	06/81	162.3	162.9	162.9	3.6	0
Acne preparations .....		2834-20901	06/81	142.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Antipruritics .....		2834-20905	12/87	105.5	105.5	105.5	1.2	0
Other dermatologicals .....		2834-20909	06/81	188.3	189.5	189.5	5.7	0
External analgesics and counterirritants .....		2834-211	06/81	107.6	109.0	109.0	1.6	0
Laxatives .....		2834-216	06/81	147.1	149.8	149.8	6.4	0
Nutrients and supplements .....		2834-217	12/87	103.3	103.7	103.7	3.5	0
Vitamins .....		2834-221	06/81	128.8	127.6	128.0	1.3	.3
Adult multivitamins .....		2834-22101	06/81	128.6	127.2	127.2	.5	0
B-complex .....		2834-22102	06/81	128.3	121.5	121.5	-1.0	0
Miscellaneous non-prescription pharmaceutical preparations .....		2834-298	06/81	179.2	181.8	181.8	14.1	0
Secondary products and miscellaneous receipts .....		2834-SM						
Miscellaneous receipts .....		2834-M	06/81	187.4	189.3	189.8	5.0	.3
Resales .....		2834-Z89	06/81	187.4	189.3	189.8	5.0	.3
Secondary products .....		2834-S	06/81	165.8	170.3	166.7	7.5	-2.1
Biological products .....		2831-S	06/81	289.2	289.2	289.4	5.8	.1
Other secondary products .....		2834-SSS	06/81	170.0	187.2	173.3	21.1	-7.4
Cosmetics and toiletries .....		2844-S	12/87	103.9	103.9	103.9	3.9	0
Soap, detergents, and cleaning preparations, perfumes, cosmetics and other toilet preparations .....	284		12/84	113.6	115.0	115.0	5.1	0
Soap and other detergents .....	2841		06/83	115.2	115.5	115.6	5.8	.1
Primary products .....		2841-P	06/83	115.2	115.6	115.7	6.2	.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Soap and other detergents—Continued</b>								
Soap and detergents, nonhousehold .....		2841-1	06/83	120.7	121.3	121.6	5.4	0.2
Acid-type cleaners: .....		2841-1A	06/83	111.9	112.8	112.8	1.8	0
Other acid-type cleaners .....		2841-179	06/83	114.5	120.1	120.1	11.2	0
Synthetic organic detergents, nonhousehold .....		2841-1B	06/83	125.1	125.8	125.8	5.7	0
Dry (powders), anionic base .....		2841-141	06/83	126.5	127.5	127.5	8.1	0
Liquid, anionic base .....		2841-145	06/83	125.9	125.9	125.9	3.2	0
Liquid, cationic and amphoteric .....		2841-146	06/83	130.0	134.5	134.5	11.9	0
Liquid - nonionic base .....		2841-149	06/83	119.8	121.1	121.0	5.9	-1
Soap: chips, flakes, granulated, powdered, including washing .....		2841-112	06/83	122.1	122.6	122.5	4.1	-1
Liquid soap, nonhousehold .....		2841-114	06/83	114.8	115.3	116.9	3.5	1.4
Alkaline detergents, nonhousehold .....		2841-12	06/83	121.9	122.5	122.8	6.8	.2
Liquid dishwashing compounds .....		2841-121	06/83	132.2	132.2	132.2	8.6	0
Dry dishwashing compounds .....		2841-123	06/83	130.9	132.3	132.6	7.8	.2
Other liquid alkaline detergents .....		2841-125	06/83	116.4	116.5	117.0	5.6	.4
Dry alkaline detergents, hard surface cleaners .....		2841-126	06/83	117.5	( <sup>3</sup> )	118.9	6.9	( <sup>3</sup> )
Other dry alkaline detergents .....		2841-128	06/83	128.5	128.5	128.5	6.9	0
Household detergents .....		2841-2	06/83	108.4	108.9	108.9	6.7	0
Synthetic organic detergents, household .....		2841-2A	06/83	108.7	109.3	109.3	7.1	0
Dry .....		2841-2AA	06/83	107.9	108.7	108.7	8.4	0
Heavy duty, phosphate based .....		2841-224	06/83	110.8	110.8	110.8	9.8	0
Liquid synthetic organic detergents, household .....		2841-2AB						
Light duty .....		2841-231	06/83	121.9	121.9	121.9	6.5	0
Household soap, except specialty cleaners .....		2841-3	06/83	131.5	131.5	131.5	6.2	0
Toilet soap .....		2841-311	06/83	132.8	132.8	132.8	6.3	0
Secondary products and miscellaneous receipts .....		2841-SM						
Miscellaneous receipts .....		2841-M	06/83	121.4	121.4	121.4	3.3	0
Resales .....		2841-Z89	06/83	121.4	121.4	121.4	3.3	0
Secondary products .....		2841-S	06/83	111.8	111.8	112.2	4.9	.4
All other secondary products .....		2841-SSS	06/83	116.0	116.0	116.7	3.7	.6
Polishes and sanitation goods .....		2842-S	06/83	126.6	126.7	126.7	6.6	0
Toilet preparations .....		2844-S	06/83	95.8	95.8	95.8	5.2	0
Specialty cleaning, polishing and sanitation preparations .....	2842		06/83	113.0	114.6	115.2	5.2	.5
Primary products .....		2842-P	06/83	114.7	116.3	117.0	6.2	.6
Household bleaches .....		2842-2	06/83	114.0	116.8	116.8	7.8	0
Liquid bleaches (sodium hypochlorite, etc.) .....		2842-243	06/83	112.9	116.5	116.5	8.7	0
Specialty cleaning and sanitation products .....		2842-3	06/83	113.8	115.4	116.4	5.8	.9
Deodorants, nonpersonal .....		2842-3A	06/83	113.5	114.9	114.8	1.9	-1
Other deodorants, nonpersonal .....		2842-385	06/83	104.8	109.6	109.4	7.5	-2
Glass window cleaning preparations .....		2842-311	06/83	105.4	108.3	108.1	3.3	-2
Oven cleaners .....		2842-321	06/83	115.8	117.3	117.3	3.6	0
Toilet bowl cleaners and drain pipe solvents .....		2842-331	06/83	118.0	119.4	124.3	10.8	4.1
Disinfectants for uses other than agricultural .....		2842-332	06/83	116.0	119.7	120.4	5.1	.6
Rug and upholstery cleaners, consumer type preparations .....		2842-351	06/83	94.9	95.2	95.2	10.3	0
Household laundry aids .....		2842-39	06/83	116.7	118.0	118.0	7.2	0
Fabric softeners and rinses .....		2842-394	06/83	116.7	118.0	118.0	7.2	0
Other specialty cleaning products, (ironing aids, sweeping compounds, waterless hand cleaners) .....		2842-398	06/83	108.5	111.1	112.4	4.3	1.2
Polishing preparations and related products .....		2842-4	06/83	117.6	118.3	118.8	5.6	.4
Automobile body polishes and cleaners .....		2842-411	06/83	125.8	127.8	127.8	9.2	0
Furniture polishes and cleaners .....		2842-415	06/83	117.3	117.5	117.5	4.8	0
Floor polish .....		2842-42						
Water emulsion .....		2842-421	06/83	108.7	109.2	109.3	1.1	.1
Liquid (other than water emulsion) .....		2842-423	07/83	115.3	115.3	119.1	7.2	3.3
Related products, including metal polish and polishing cloths and papers .....		2842-498	06/83	122.2	123.4	123.4	6.8	0
Secondary products and miscellaneous receipts .....		2842-SM						
Miscellaneous receipts .....		2842-M						
Resales .....		2842-Z89	06/83	93.3	96.4	96.0	3.6	-4
Secondary products .....		2842-S	06/83	118.2	118.9	119.7	3.4	.7
Soap and other detergents .....		2841-S	06/83	121.0	122.4	123.6	5.7	1.0
All other secondary products .....		2842-SSS	06/83	111.9	112.2	112.4	.2	.2
Agricultural chemicals, n.e.c. .....		2879-S	06/83	121.3	121.3	121.5	2.0	.2
Surface-active agents .....	2843		12/83	120.2	121.3	122.0	10.8	.6
Primary products .....		2843-P	12/83	123.0	123.6	124.3	10.9	.6
Textile and leather assistants and finishes .....		2843-1	12/83	110.9	113.5	116.5	10.3	2.6
Assistants .....		2843-13	12/83	111.6	113.0	116.3	11.2	2.9
Textile .....		2843-131	12/83	113.1	114.9	118.8	13.6	3.4
Leather .....		2843-135	12/83	105.0	105.0	105.5	1.2	.5
Finishes .....		2843-16						
Textile .....		2843-161	12/83	110.5	114.2	114.6	7.9	.4
Bulk surface-active agents (surfactants) .....		2843-5	12/83	126.8	126.8	126.7	10.9	-1
Anionic .....		2843-53	12/83	119.0	120.3	120.3	8.1	0
Phosphoric and polyphosphoric acid esters .....		2843-533	12/83	128.5	131.2	131.2	13.3	0
Sulfonic acids .....		2843-535	03/84	131.6	133.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Sulfuric acid esters .....		2843-537	12/83	107.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other anionic surfactants .....		2843-539	12/83	126.3	133.8	134.0	11.3	.1
Cationic .....		2843-55	12/83	121.1	115.9	115.4	-7	-4

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Surface-active agents—Continued								
Quaternary ammonium salts .....		2843-553	12/83	119.6	( <sup>3</sup> )	119.6	0.7	( <sup>3</sup> )
Other cationic surfactants .....		2843-555	12/83	174.3	174.3	169.0	6.2	-3.0
Nonionic .....		2843-57	12/83	135.6	136.2	136.2	17.0	0
Carboxylic acid esters .....		2843-573	12/83	140.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ethers .....		2843-575	12/83	134.0	134.9	134.9	20.8	0
Other nonionic surfactants .....		2843-579	12/83	122.9	123.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2843-SM						
Secondary products .....		2843-S	12/83	110.2	113.1	113.7	10.3	.5
Toilet preparations .....	2844							
Primary products .....		2844-P	03/80	148.0	151.1	150.5	3.5	-.4
Shaving preparations .....		2844-1	03/80	135.5	136.8	136.9	3.2	.1
Aftershave preparations .....		2844-156	03/80	124.0	126.2	125.3	3.9	-.7
Perfume, toilet water, and cologne .....		2844-2	03/80	155.6	160.8	157.1	1.6	-2.3
Perfume .....		2844-2A	03/80	148.3	150.2	150.2	6.7	0
Perfume oil mixtures and blends .....		2844-211	03/80	141.9	144.6	144.6	3.4	0
Liquid and solid perfume .....		2844-223	03/80	159.3	160.1	160.1	11.3	0
Cologne and toilet water .....		2844-232	03/80	159.1	166.3	160.4	-1.2	-3.5
Cologne .....		2844-23201	12/86	110.4	116.7	110.7	-6.4	-5.1
Toilet water .....		2844-23202	12/86	116.0	118.3	118.4	12.5	.1
Hair preparations .....		2844-3	03/80	145.2	145.9	146.8	4.3	.6
Hair tonics and rinses .....		2844-3A	03/80	140.3	147.9	147.9	5.9	0
Hair tonics (including conditioners) .....		2844-321	03/80	134.3	141.6	141.5	5.9	-.1
Hair dressings and sprays .....		2844-3B	03/80	153.3	153.3	153.3	.3	0
Hair dressings .....		2844-341	03/80	160.6	159.5	159.7	1.4	.1
Hair sprays .....		2844-36A	12/80	122.3	122.3	122.3	.2	0
Aerosol hair sprays .....		2844-363	03/80	154.5	154.5	154.5	.2	0
Shampoos .....		2844-31	03/80	113.9	116.4	116.4	3.1	0
Synthetic organic detergent .....		2844-31A	03/80	111.4	113.8	113.8	3.1	0
Liquid synthetic organic detergent .....		2844-316	03/80	107.4	109.8	109.8	3.3	0
Permanents - both home and commercial .....		2844-337	03/80	154.2	138.5	140.3	5.9	1.3
Hair coloring preparations .....		2844-351	03/80	172.5	172.5	175.3	8.0	1.6
Dentifrices .....		2844-4	03/80	135.1	135.1	133.3	.5	-1.3
Toothpaste .....		2844-421	03/80	130.7	130.7	127.7	-3.0	-2.3
Other cosmetics and toilet preparations .....		2844-5	03/80	154.6	159.9	159.2	4.8	-.4
Creams and lotions .....		2844-51	03/80	148.6	151.6	152.6	3.8	.7
Creams .....		2844-51A	03/80	160.9	163.0	164.5	6.1	.9
Cleansing creams .....		2844-511	03/80	188.7	188.7	194.2	9.0	2.9
Foundation creams .....		2844-512	03/80	145.8	147.7	147.7	2.2	0
Lubricating creams, including hormone creams .....		2844-513	03/80	161.9	168.9	168.8	5.8	-.1
Other creams .....		2844-514	03/80	148.7	148.7	148.7	6.1	0
Lotions and oils .....		2844-51B	03/80	137.7	141.4	141.9	1.3	.4
Suntan lotions and sunscreens, including oils .....		2844-515	03/80	134.1	134.1	134.1	1.3	0
Cleansing lotions .....		2844-516	03/80	( <sup>3</sup> )	( <sup>3</sup> )	111.5	( <sup>3</sup> )	( <sup>3</sup> )
Hand lotions .....		2844-518	03/80	143.1	148.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other lotions & oils, including petroleum jellies but excluding hair, aftershave & bath oils .....		2844-519	03/80	126.4	134.1	134.6	-7.2	.4
Cosmetics .....		2844-52A	03/80	157.4	161.4	161.2	.5	-.1
Lip preparations (lipstick, lip gloss, etc.) .....		2844-521	03/80	125.1	131.3	131.0	-2.5	-.2
Blushers (rouges), excluding lip rouge .....		2844-522	03/80	140.2	151.2	151.2	2.7	0
Eye preparations (mascara, eye shadows, eye liners, eye creams, etc.) .....		2844-523	03/80	195.6	194.4	194.4	2.1	0
Deodorants .....		2844-52B	03/80	168.7	183.4	183.3	11.8	-.1
Underarm deodorants .....		2844-52C	03/80	162.6	178.2	178.1	13.0	-.1
Liquid, cream and roll-on deodorants .....		2844-528	03/80	142.9	151.5	151.4	5.7	-.1
Manicure preparations .....		2844-53	03/80	147.0	147.0	147.5	-1.0	-.3
Powders .....		2844-54	03/80	156.3	156.3	156.3	3.8	0
Face powders .....		2844-543	03/80	165.9	165.9	165.9	1.3	0
Wet application powders, and other powders, including foot powders .....		2844-549	03/80	150.8	150.8	150.8	0	0
Bath oils and salts .....		2844-56						
Bath oils and salts .....		2844-561	03/80	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other cosmetics and toilet preparations .....		2844-59	12/80	119.0	119.0	119.0	6.4	0
Secondary products and miscellaneous receipts .....		2844-SM						
Miscellaneous receipts .....		2844-M	03/80	102.3	103.3	103.3	1.1	0
Resales .....		2844-Z89	12/80	102.1	103.1	103.1	1.0	0
Secondary products .....		2844-S	03/80	207.4	207.6	211.4	3.9	1.8
Paints and Allied Products .....	2851							
Primary products .....		2851-P	06/83	115.9	118.0	118.5	6.9	.4
Architectural coatings, including architectural lacquers .....		2851-1	06/83	114.8	117.1	117.6	6.8	.4
Exterior .....		2851-1A	06/83	121.8	123.4	123.9	8.5	.4
Solvent-type .....		2851-1AA	06/83	115.5	117.8	118.4	6.1	.5
Paints and tinting bases, including barn and roof paints .....		2851-112	12/88	120.7	121.8	122.9	4.2	.9
Stains, including shingle and shake .....		2851-137	06/83	102.4	101.8	102.7	( <sup>3</sup> )	.9
Water-type .....		2851-137	06/83	119.9	125.0	125.9	9.2	.7
Paints and tinting bases, including barn and roof paints .....		2851-141	12/88	111.1	114.3	114.5	7.7	.2
Interior .....		2851-1B	06/83	102.6	104.9	104.9	( <sup>3</sup> )	0
Solvent-type .....		2851-1BA	06/83	127.4	128.5	128.9	10.6	.3
Solvent-type .....		2851-1BA	06/83	126.5	127.0	126.9	8.0	-.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Paints and Allied Products—Continued</b>								
Semigloss, eggshell and satin paints and tinting bases .....		2851-169	06/83	129.5	130.2	130.2	10.4	0
Water-type .....		2851-18	06/83	127.8	129.3	129.9	11.9	.5
Flat paints and tinting bases .....		2851-181	06/83	129.1	131.2	132.0	12.1	.6
Semigloss, eggshell and satin paints and tinting bases .....		2851-183	06/83	122.5	123.5	124.0	9.9	.4
Product finishes for original equipment manufacturers (OEM), excluding marine coatings .....		2851-2	06/83	107.7	109.9	109.8	5.0	-.1
Transportation finishes, except powdered and high-solids coatings .....		2851-2A	06/83	109.3	112.1	110.7	4.8	-1.2
Automobile finishes .....		2851-222	06/83	106.8	110.1	108.3	4.8	-1.6
Other transportation equipment finishes, including aircraft and railroad .....		2851-225	12/88	102.6	104.5	105.3	( <sup>3</sup> )	.8
Wood finishes .....		2851-2B	06/83	106.5	106.9	108.2	3.4	1.2
Wood furniture, cabinet, and fixture finishes .....		2851-237	06/83	110.0	110.2	111.7	3.5	1.4
Wood and composition board flat stock finishes .....		2851-239	12/88	100.0	101.0	101.9	( <sup>3</sup> )	.9
Sheet, strip and coil coatings, including sidings, excluding containers .....		2851-241	06/83	109.3	110.6	111.2	3.8	.5
Container and closure finishes .....		2851-243	06/83	99.3	104.4	103.6	5.2	-.8
Machinery and equipment finishes, including road building and farm implement .....		2851-247	06/83	115.9	118.6	119.0	5.8	.3
Metal furniture and fixture finishes .....		2851-249	06/83	103.2	106.2	106.2	( <sup>3</sup> )	0
High-solids finishes (over 62.5 percent solids) .....		2851-254	06/83	124.6	128.5	130.5	10.3	1.6
Other product finishes, except semi-manufactured (e.g. pigment dispersions, and ink vehicles) .....		2851-267	12/88	102.2	102.4	102.4	( <sup>3</sup> )	0
Special purpose coatings, including all marine coatings .....		2851-3	06/83	113.1	115.4	117.0	6.7	1.4
Industrial maintenance paints (specially formulated) .....		2851-3A	06/83	117.1	119.7	119.8	7.0	.1
Interior .....		2851-301	06/83	122.2	125.3	125.2	9.3	-.1
Exterior .....		2851-305	06/83	114.3	116.7	116.8	5.5	.1
Automotive and machinery refinish coatings .....		2851-3BA	06/83	115.1	116.9	120.6	8.5	3.2
Paints and enamels, except lacquers .....		2851-314	06/83	111.1	112.2	118.7	11.0	5.8
Primers and undercoaters .....		2851-316	06/83	129.5	133.8	133.8	( <sup>3</sup> )	0
Lacquers .....		2851-327	06/83	116.8	117.7	117.7	( <sup>3</sup> )	0
Marine paints and enamels (shelf goods and specially formulated, excluding spar varnish) .....		2851-315	12/88	100.0	104.9	104.8	( <sup>3</sup> )	-.1
Aerosol paints .....		2851-33	07/83	105.1	107.1	106.5	2.0	-.6
Other special purpose coatings .....		2851-398	12/88	100.0	100.8	101.1	( <sup>3</sup> )	.3
Miscellaneous allied paint products .....		2851-5	12/88	100.3	104.7	104.7	( <sup>3</sup> )	0
Thinners for dopes & lacquers & oleoresinous thinners, inc. mixtures & proprietary thinners .....		2851-531	06/83	112.5	122.7	122.7	9.1	0
Misc. related products, inc. brush cleaners, nonpressure wood preservatives, putty, etc. ....		2851-598	12/88	100.4	102.5	102.5	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		2851-SM						
Miscellaneous receipts .....		2851-M	06/83	122.4	123.0	123.0	8.4	0
Resales .....		2851-Z89	06/83	122.5	123.2	123.2	8.5	0
Secondary products .....		2851-S	06/83	130.8	131.4	131.3	( <sup>3</sup> )	-.1
Other secondary products .....		2851-	06/83	( <sup>3</sup> )	118.4	118.4	7.0	0
		SSSSS						
Adhesives and sealants .....		2891-S	12/88	101.9	103.8	103.5	( <sup>3</sup> )	-.3
Industrial organic chemicals .....	286		12/84	124.5	125.4	125.6	12.7	.2
Gum and wood chemicals .....	2861		06/84	116.6	121.7	121.6	13.9	-.1
Primary products .....		2861-P	06/84	111.0	114.8	114.6	9.1	-.2
Other gum and wood chemicals .....		2861-2	06/84	109.7	110.0	109.7	3.2	-.3
Hardwood distillation products .....		2861-25	06/84	115.1	115.2	114.7	3.1	-.4
Charcoal briquets, including blends with lignite or other materials .....		2861-255	06/84	115.3	115.3	114.7	3.1	-.5
Tall oils .....		2861-29	06/84	87.5	88.4	89.3	4.3	1.0
Rosin .....		2861-296	06/84	94.3	90.0	90.0	-2.0	0
Other tall oil derivatives, including rosin acid salts, except tall oil fatty acids .....		2861-298	06/84	83.9	86.2	87.1	.2	1.0
Secondary products and miscellaneous receipts .....		2861-SM						
Secondary products .....		2861-S	06/84	126.4	134.3	134.3	23.8	0
Other secondary products .....		2861-SSS	06/84	126.4	134.3	134.3	23.8	0
Cyclic (coal tar) crudes and intermediates, organic dyes and pigments .....	2865		12/82	112.0	114.7	113.9	8.5	-.7
Primary products .....		2865-P	12/82	120.3	123.9	122.3	10.6	-1.3
Cyclic intermediates .....		2865-1	12/82	124.5	128.1	125.3	11.9	-2.2
Other cyclic intermediates .....		2865-199	12/82	129.0	133.8	131.1	14.0	-2.0
Miscellaneous other cyclic intermediates .....		2865-19999	12/82	120.3	125.0	121.9	10.6	-2.5
Synthetic organic dyes .....		2865-2						
Synthetic organic dyes .....		2865-299	12/82	124.8	127.5	129.5	9.6	1.6
Synthetic organic pigments (lakes and toners) .....		2865-3	12/82	120.3	124.9	124.8	7.4	-.1
Phthalocyanine blue (Blue 15) .....		2865-31111	12/82	122.3	133.0	133.0	10.5	0
Other synthetic organic pigments .....		2865-31199	12/82	119.8	123.0	122.9	6.7	-.1
Secondary products and miscellaneous receipts .....		2865-SM						
Miscellaneous receipts .....		2865-M	12/82	121.5	121.1	120.2	9.4	-.7
Resales .....		2865-Z89	12/82	121.5	121.1	120.2	9.4	-.7
Secondary products .....		2865-S	12/82	95.9	97.3	97.9	3.3	.6
Plastic materials and resins .....		2821-S	12/82	112.5	114.3	114.3	5.1	0
Industrial organic chemicals, n.e.c. ....		2869-S	12/82	87.9	93.7	93.8	7.6	.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Industrial organic chemicals, n.e.c.	2869		12/82	132.0	132.3	132.7	14.0	0.3
Primary products		2869-P	12/82	109.7	111.5	113.0	12.0	1.3
Synthetic organic chemicals, n.e.c.		2869-3	12/82	87.4	88.3	87.3	1.7	-1.1
Flavor and perfume materials		2869-311	12/82	98.4	94.4	91.4	-5.8	-3.2
Chemical compounds, mixed		2869-31112	12/82	109.5	109.5	109.5	4.8	0
Rubber processing chemicals		2869-331	12/82	113.6	115.7	115.7	7.7	0
Plasticizers		2869-351	12/82	66.2	69.5	69.1	3.0	-6
Other plasticizers		2869-35199	12/82	65.7	68.9	68.5	2.9	-6
Ethyl alcohol and other industrial organic chemicals, n.e.c.		2869-5	12/82	120.1	122.3	122.8	15.1	.4
Ethyl alcohol		2869-512	12/82	88.9	94.9	97.5	22.3	2.7
Denatured (special or complete) ethyl alcohol		2869-51212	12/82	106.9	116.6	118.6	32.4	1.7
Other industrial organic chemicals, n.e.c.		2869-599	12/82	136.9	137.4	137.0	14.7	-3
Ethylene		2869-59912	12/82	181.9	181.4	177.6	21.3	-2.1
Propylene, chemical		2869-59913	07/87	129.3	135.8	137.3	23.5	1.1
Miscellaneous other industrial organic chemicals, n.e.c.		2869-59999	12/82	107.0	109.3	109.5	8.1	.2
Miscellaneous end-use chemicals and chemical products, excluding urea		2869-6	12/82	109.9	106.4	117.7	11.5	10.6
Other miscellaneous end-use chemicals and chemical products, excluding urea		2869-699	12/82	109.8	110.1	109.8	-6.1	-3
Miscellaneous cyclic and acyclic chemicals and chemical products		2869-7	12/82	112.0	115.0	115.2	13.2	.2
Acetic acid		2869-721	06/87	172.8	199.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Acetone		2869-722	07/87	98.3	95.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ethylene oxide		2869-736	12/82	239.7	296.5	296.5	( <sup>3</sup> )	0
Formaldehyde		2869-738	12/82	136.2	130.3	126.6	-1.9	-2.8
Propylene glycol		2869-747	12/82	106.2	106.2	106.8	8.6	.6
Alcohols, synthetic, monohydric		2869-754	12/82	93.8	95.2	95.2	6.3	0
Other miscellaneous cyclic and acyclic chemicals and chemical products		2869-799	12/82	105.2	106.1	107.0	7.6	.8
Secondary products and miscellaneous receipts		2869-SM						
Miscellaneous receipts		2869-M	12/82	205.7	179.2	175.6	5.7	-2.0
Resales		2869-Z89	12/82	209.3	182.3	178.6	5.6	-2.0
Secondary products		2869-S	12/82	166.2	166.1	164.2	16.8	-1.1
Plastic materials and resins		2821-S	12/82	176.3	169.4	164.9	-1.1	-2.7
Cyclic crudes and intermediates, organic dyes and pigments		2865-S	12/82	146.5	141.9	140.9	27.9	-7
Other secondary products		2869-SSS	12/82	168.3	174.8	174.5	27.5	-2
Agricultural chemicals	287		12/84	114.1	114.2	112.9	6.4	-1.1
Nitrogenous fertilizers	2873		12/79	133.8	136.0	131.8	10.5	-3.1
Primary products		2873-P	12/79	125.4	128.1	122.8	12.6	-4.1
Synthetic ammonia, nitric acid and ammonium compounds		2873-1	12/79	128.3	132.0	126.1	12.0	-4.5
Nitrate (100% NH4NO3)		2873-1A	12/79	112.5	120.6	120.7	18.1	.1
Nitrate for fertilizer use		2873-15A	12/80	97.2	104.8	104.7	15.9	-1
Solid nitrate		2873-152	12/79	110.3	119.0	118.9	15.9	-1
Explosive nitrate and other uses		2873-153	06/81	98.7	103.3	104.3	26.3	1.0
Nitrogen solutions and other ammonium compounds		2873-1B	12/79	127.4	134.0	126.9	10.4	-5.3
Nitrogen solutions, including mixtures containing urea (100%N)		2873-155	12/79	134.3	142.4	136.8	16.3	-3.9
Anhydrous and aqua ammonia		2873-13	12/79	138.7	138.6	129.3	11.6	-6.7
Anhydrous ammonia		2873-131	12/79	138.7	138.6	129.3	11.6	-6.7
Urea		2873-2	12/79	114.5	113.1	110.2	15.9	-2.6
Fertilizer material of organic origin		2873-3	06/86	102.8	102.8	102.8	3.3	0
Secondary products and miscellaneous receipts		2873-SM						
Secondary products		2873-S	12/79	172.3	172.4	171.8	3.9	-3
Phosphatic fertilizers	2874		12/79	140.2	136.0	132.7	5.6	-2.4
Primary products		2874-P	12/79	132.9	128.1	125.9	2.9	-1.7
Superphosphate and other phosphatic fertilizer materials		2874-2	12/79	124.5	121.7	115.6	-7	-5.0
Superphosphate		2874-2A	12/79	126.2	122.5	116.2	-5.9	-5.1
Triple superphosphates (42% P2O5 and above)		2874-2A1	12/79	124.5	120.8	114.6	-5.9	-5.1
Ammonium phosphates and other phosphatic fertilizer materials		2874-2B	12/79	123.9	121.4	115.4	1.0	-4.9
Ammonium phosphates		2874-251	12/79	124.9	122.4	116.3	1.0	-5.0
Mixed fertilizers (produced from one or more materials made in the same plant)		2874-4	12/79	139.5	137.9	134.1	-2.0	-2.8
Fertilizers, mixing only	2875		12/79	128.9	129.6	129.1	3.4	-4
Primary products		2875-P	12/79	126.4	127.5	127.5	4.2	0
Mixed fertilizers (made by plants which do not manufacture phosphatic fertilizer materials)		2875-4	06/86	112.3	113.3	113.3	4.2	0
Solid, bulk		2875-411	06/86	112.9	114.5	114.3	4.9	-2
Solid, bagged		2875-421	06/86	113.1	113.3	113.2	3.9	-1
Fluid		2875-431	06/86	108.6	109.5	110.4	3.1	.8
Secondary products and miscellaneous receipts		2875-SM						
Miscellaneous receipts		2875-M	12/79	134.0	134.6	132.2	.3	-1.8
Resales		2875-Z89	12/79	133.7	134.3	132.0	.3	-1.7
Secondary products		2875-S	12/79	150.0	145.6	143.4	4.1	-1.5
Agricultural chemicals, n.e.c.	2879		06/82	109.0	110.5	111.0	6.1	.5
Primary products		2879-P	06/82	109.3	111.7	112.4	6.3	.6
Insecticidal preparations primarily for agricultural, garden or health service use		2879-5	06/82	118.9	119.8	120.2	3.0	.3

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Agricultural chemicals, n.e.c.—Continued</b>								
Containing organic compounds .....		2879-525	06/82	117.4	118.3	118.7	3.3	0.3
Carbamate preparations .....		2879-52531	06/82	122.9	122.9	123.1	2.1	.2
Organo-phosphate preparations .....		2879-52541	06/82	120.8	122.2	122.9	4.1	.6
Biological preparations .....		2879-52561	06/86	104.4	108.7	109.8	7.0	1.0
Herbicidal preparations primarily for agricultural, garden or health service use .....		2879-6	06/82	104.4	108.2	109.2	10.1	.9
Containing organic compounds .....		2879-625	06/82	105.8	109.7	110.7	10.1	.9
Phenoxy compound preparations .....		2879-62541	06/82	114.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Urea preparations .....		2879-62561	10/82	108.3	111.4	111.4	9.1	0
Triazine preparations .....		2879-62565	06/82	121.7	124.2	125.1	17.8	.7
Other organic preparations .....		2879-62579	06/82	87.7	93.7	94.1	5.6	.4
Fungicidal preparations primarily for agricultural, garden or health service use .....		2879-7	06/82	97.2	97.8	98.0	6.1	.2
Containing organic compounds .....		2879-725	06/82	103.6	104.2	104.5	6.4	.3
Other pesticidal preparations primarily for agricultural, garden or health service use .....		2879-8	06/82	117.6	118.7	118.9	-5.6	.2
Rodenticides .....		2879-832	12/82	116.9	117.5	117.5	4.7	0
All other pesticidal preparations primarily for agricultural, garden or health service use .....		2879-898	06/82	112.1	113.2	113.4	-7.9	.2
Household pesticidal preparations .....		2879-9	06/82	105.1	107.4	107.4	3.7	0
Insecticides for crawling insects, except fumigants .....		2879-91	06/82	104.2	107.2	107.2	6.0	0
Other household pesticidal preparations, including industrial exterminants .....		2879-998	06/82	109.0	109.3	109.3	.3	0
Secondary products and miscellaneous receipts .....		2879-SM						
Miscellaneous receipts .....		2879-M	12/82	116.5	116.5	116.5	7.9	0
Resales .....		2879-Z89	12/82	( <sup>3</sup> )	117.3	117.3	8.9	0
Secondary products .....		2879-S	06/82	101.1	99.6	99.6	3.6	0
<b>Miscellaneous chemical products .....</b>	<b>289</b>		12/84	112.3	113.5	114.0	8.6	.4
<b>Adhesives and sealants .....</b>	<b>2891</b>		12/83	118.7	120.3	120.2	8.3	-1
Primary products .....		2891-P	12/83	119.4	120.9	120.9	8.7	0
Natural base glues and adhesives .....		2891-3	12/83	120.1	120.2	120.2	6.0	0
Vegetable adhesives .....		2891-35	12/83	110.6	111.2	111.2	6.0	0
Dextrines .....		2891-351	12/83	111.8	112.2	112.2	6.4	0
Other natural base glues and adhesives, from natural gums, shellac, silicate, lacquers, etc. ....		2891-398	12/83	107.0	107.0	107.0	2.0	0
Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives .....		2891-4	12/83	121.4	123.7	123.5	10.7	-2
Epoxy adhesives .....		2891-411	12/83	127.5	128.5	128.5	5.8	0
Vinyl type adhesives .....		2891-44	12/83	117.3	117.9	120.0	12.0	1.8
Polyvinyl acetate, latex type .....		2891-441	12/83	125.9	( <sup>3</sup> )	129.5	16.5	( <sup>3</sup> )
Acrylic adhesives .....		2891-453	12/83	108.9	109.3	109.3	4.9	0
Polyester adhesives .....		2891-455	01/84	116.4	117.3	117.3	4.8	0
Hot melt adhesives, including nylon, polyolefin, and other hot melts ....		2891-465	12/83	118.1	117.9	119.5	8.6	1.4
Rubber and synthetic resin combinations .....		2891-478	12/83	110.4	112.4	112.4	6.0	0
Rubber cement, for sale as such .....		2891-48	12/83	120.8	120.8	120.8	7.6	0
Latex type .....		2891-481	12/83	111.4	111.4	111.4	5.1	0
Solvent type .....		2891-483	01/84	125.9	125.9	125.9	8.8	0
Caulking compounds and sealants .....		2891-5	12/83	112.6	112.3	113.1	3.9	.7
Natural base .....		2891-55	12/83	118.8	122.2	124.5	5.8	1.9
Synthetic base .....		2891-56	12/83	112.2	111.6	112.3	3.7	.6
General performance sealants (PVAC, butyl, vinyl, acrylic, neoprene, etc.) .....		2891-566	12/83	100.5	100.7	100.7	-4.5	0
Special performance sealants (epoxy, urethane, polysulfide, silicone, etc.) .....		2891-567	12/83	119.2	118.5	119.4	5.9	.8
Secondary products and miscellaneous receipts .....		2891-SM						
Secondary products .....		2891-S						
Other secondary products .....		2891-SSS	12/83	113.5	116.0	115.9	5.9	-1
Chemicals and chemical preparations, n.e.c. ....		2899-S	02/84	119.3	126.0	124.8	4.6	-1.0
<b>Explosives .....</b>	<b>2892</b>		12/80	159.7	159.8	160.5	14.6	.4
Primary products .....		2892-P	12/80	142.3	141.2	144.2	8.9	2.1
Explosives, propellants, and blasting accessories (not manufactured in GOCOs) .....		2892-1	12/80	143.3	142.1	145.1	8.3	2.1
Industrial explosives .....		2892-11	12/80	132.9	134.1	138.1	13.3	3.0
ANFO, except slurry .....		2892-117	12/80	139.8	( <sup>3</sup> )	147.6	( <sup>3</sup> )	( <sup>3</sup> )
Water gel and slurries, except permissible slurries .....		2892-118	06/88	99.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Noncap sensitive .....		2892-121	06/88	94.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other industrial explosives .....		2892-127	06/88	105.3	102.9	102.9	( <sup>3</sup> )	0
Propellants .....		2892-133						
Propellants .....		2892-136	06/88	100.4	100.4	102.9	( <sup>3</sup> )	2.5
Blasting accessories .....		2892-15	12/80	145.7	136.8	136.8	-1.9	0
Other blasting accessories (squibs, ignitors, fuse, nonelectric blasting caps, n.e.c.) .....		2892-155	06/88	100.0	88.4	88.4	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		2892-SM						
Miscellaneous receipts .....		2892-M	12/80	268.9	271.4	267.7	( <sup>3</sup> )	-1.4
Contract work and other miscellaneous receipts .....		2892-XY9	06/88	110.9	112.1	110.3	( <sup>3</sup> )	-1.6
Contract work performed by government owned company operated establishments (GOCOs) .....		2892-Y66	06/88	110.9	112.1	110.3	( <sup>3</sup> )	-1.6
Resales .....		2892-Z89	12/80	267.1	267.1	267.1	( <sup>3</sup> )	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Printing ink .....	2893		06/84	112.4	112.6	112.9	1.3	0.3
Primary products .....		2893-P	06/84	111.8	112.0	112.3	1.4	.3
Lithographic and offset ink (black and color) .....		2893-2	06/84	106.9	107.5	107.6	2.9	.1
Publication ink .....		2893-232	06/84	102.7	103.6	103.6	1.6	0
Packaging ink .....		2893-235	06/84	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other lithographic and offset ink .....		2893-239	06/84	112.9	113.5	114.1	3.3	.5
Flexographic ink .....		2893-4	06/84	109.7	109.0	108.5	-.5	-.5
Packaging ink .....		2893-481	06/84	110.7	110.0	109.5	-.5	-.5
Printing ink, n.e.c. ....		2893-5	06/84	113.0	114.2	120.1	7.0	5.2
Other printing ink, including stencil ink .....		2893-598	06/84	106.1	106.1	106.1	1.6	0
Carbon black .....	2895		12/83	79.6	75.2	80.8	-5.6	7.4
Primary products .....		2895-P	12/83	79.6	75.2	80.8	-5.6	7.4
Carbon black .....		2895-111						
West south central region .....		2895-11101	12/83	73.8	69.7	75.3	-7.6	8.0
Chemicals and chemical preparations, n.e.c. ....	2899		06/85	109.5	111.6	111.8	9.7	.2
Primary products .....		2899-P	06/85	109.4	111.7	111.9	8.7	.2
Salt, evaporated and solar .....		2899-1	06/85	99.4	99.6	99.4	1.8	-.2
Evaporated salt .....		2899-121	06/85	98.5	98.8	98.4	1.3	-.4
Essential oils, fireworks and pyrotechnics, sizes, and chemical preparations, n.e.c. ....		2899-5	06/85	112.3	114.9	115.3	10.3	.3
Essential oils, unblended (natural) .....		2899-51	06/85	141.2	141.2	141.2	40.2	0
Fireworks & pyrotechnics, incl. flares, jet fuel igniters, railroad torpedoes, toy pistol caps .....		2899-529	06/85	111.2	111.4	111.3	-2.6	-.1
Automotive chemicals .....		2899-53	06/85	140.2	141.6	141.3	37.9	-.2
Other automotive chemicals, including battery acid, deicing fluid, carbon removing solvents .....		2899-537	06/85	100.2	102.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Drilling mud materials, mud thinners, thickeners, and purifiers .....		2899-541	06/85	116.9	116.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Oil-treating compounds (non-oil base) .....		2899-556	06/85	109.0	116.3	117.0	14.1	.6
Metal-treating compounds (non-oil base) for nitriding, pickling, drawing, and cutting .....		2899-559	06/85	106.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Water-treating compounds .....		2899-57	06/85	106.2	106.5	106.5	1.4	0
Boiler compounds .....		2899-577	06/85	111.2	111.9	111.9	2.7	0
Plating compounds .....		2899-591	06/85	126.4	127.0	129.0	8.0	1.6
Other industrial chemical specialties, including fluxes and plastic wood preparations .....		2899-598	06/85	103.1	107.7	108.2	7.9	.5
Secondary products and miscellaneous receipts .....		2899-SM						
Miscellaneous receipts .....		2899-M						
Resales .....		2899-Z89	06/85	133.8	136.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		2899-S	06/85	103.4	104.4	104.6	5.0	.2
Soaps and other detergents, except specialty cleaners .....		2841-S	06/85	96.8	100.8	100.4	10.0	-.4
Other secondary products .....		2899-SSS	06/85	103.0	104.1	104.4	5.3	.3
Petroleum refining and related products .....	29		12/84	67.9	78.9	81.8	17.2	3.7
Petroleum Refining .....	2911		06/85	65.5	77.1	80.2	18.5	4.0
Primary products .....		2911-P	06/85	66.5	78.0	81.0	18.2	3.8
Fuels .....		2911-1	06/85	64.5	77.9	81.5	21.3	4.6
Gasoline .....		2911-1	06/85	62.8	79.9	87.2	29.2	9.1
Finished motor gasoline .....		2911-13	06/85	62.8	80.0	87.2	29.2	9.0
Leaded regular .....		2911-132	06/85	63.3	85.1	91.6	31.6	7.6
Sales to jobbers, retailers and other resellers .....		2911-1321	06/85	63.1	84.9	91.4	31.7	7.7
Direct sales to end users .....		2911-1322	06/85	68.2	95.9	101.0	32.9	5.3
Premium grades .....		2911-133	06/85	70.2	83.9	91.7	26.8	9.3
Sales to jobbers, retailers and other resellers .....		2911-1331	06/85	70.2	83.9	91.7	26.8	9.3
Direct sales to end users .....		2911-1332	06/85	69.3	88.3	94.0	25.5	6.5
Unleaded regular .....		2911-134	06/85	59.9	77.2	84.6	29.6	9.6
Sales to jobbers, retailers and other resellers .....		2911-1341	06/85	59.9	77.1	84.5	29.6	9.6
Direct sales to end users .....		2911-1342	06/85	59.2	79.3	86.7	31.0	9.3
Jet fuel .....		2911-2	06/85	67.6	72.6	73.2	9.1	.8
Naphtha type jet fuel .....		2911-211	06/85	55.8	63.3	66.3	5.9	4.7
Kerosene type jet fuel .....		2911-213	06/85	70.6	75.0	75.0	10.0	0
Kerosene .....		2911-3	06/85	68.1	69.7	65.9	4.3	-5.5
Light fuel oil .....		2911-4	06/85	69.6	77.9	72.9	5.8	-6.4
Distillates .....		2911-41	06/85	69.6	77.9	72.9	5.8	-6.4
#2 fuel oil to jobbers, retailers and other resellers .....		2911-411	06/85	72.0	76.8	72.7	4.2	-5.3
#2 diesel fuel .....		2911-413	06/85	67.9	78.8	72.6	6.5	-7.9
Sales to jobbers, retailers and other resellers .....		2911-4131	06/85	68.0	79.1	72.6	6.8	-8.2
Direct sales to end users .....		2911-4132	06/85	67.6	78.2	72.8	5.8	-6.9
Other distillates, n.e.c., including #1, #2 fuel direct sales, and other distillates .....		2911-415	06/85	67.9	78.3	76.8	12.9	-1.9
Heavy fuel oil (residual fuel) .....		2911-5	06/85	56.0	62.8	65.7	16.1	4.6
> 1% sulfur .....		2911-51	06/85	49.9	57.6	62.5	16.8	8.5
Sales to resellers, including other refiners .....		2911-511	06/85	55.3	63.0	69.6	24.3	10.5
Direct sales to end users .....		2911-512	06/85	44.2	51.9	55.2	9.3	6.4
Not > 1% sulfur .....		2911-52	06/85	63.3	68.9	69.2	15.1	.4
Sales to resellers, including other refiners .....		2911-521	06/85	66.0	70.1	61.1	2.0	-12.8
Non-fuel products of petroleum refining .....		2911-11	06/85	79.9	80.0	80.0	2.7	0
Lubricating oils and greases, made in refineries .....		2911-7						

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Petroleum Refining—Continued</b>								
Lubricating and similar oils .....		2911-721	06/85	92.5	92.4	90.6	-0.4	-1.9
Asphalt, made in refineries .....		2911-9						
Paving grade .....		2911-921	06/85	49.6	56.9	55.7	-19.7	-2.1
Liquified refinery gases, including aliphatics (feedstock and other uses), made in refineries .....		2911-A	06/85	119.4	115.1	115.4	-2.0	.3
Propane/propylene .....		2911-A1	06/85	126.0	123.2	123.3	-2.4	.1
Propylene .....		2911-A12	06/85	131.7	133.7	136.1	21.4	1.8
Chemical grade .....		2911-A1201	06/85	131.2	( <sup>3</sup> )	137.8	22.7	( <sup>3</sup> )
Butane/butylene .....		2911-A2						
Ethane/ethylene .....		2911-A3						
Ethylene .....		2911-A32	06/85	217.6	217.6	211.8	20.6	-2.7
Miscellaneous petroleum refinery products, n.e.c. ....		2911-D	06/85	100.8	97.5	97.1	27.6	-4
Petroleum coke, made in refineries .....		2911-D21	06/85	50.3	53.3	46.6	-5.5	-12.6
Aromatics, made in refineries .....		2911-D5	06/85	113.0	107.5	108.9	48.6	1.3
Benzene .....		2911-D52	06/85	118.6	104.5	103.9	38.7	-6
Toluene .....		2911-D53	06/85	107.9	99.2	100.0	44.1	.8
<b>Paving and roofing materials</b>								
	295		12/84	93.6	93.7	93.5	-5	-2
<b>Paving mixtures and block</b>								
	2951		06/81	102.4	102.1	101.8	-2.2	-3
Primary products .....		2951-P	06/81	103.4	102.8	102.5	-2.5	-3
Emulsified asphalt, including liquid additives .....		2951-111	06/81	95.0	91.2	90.7	-7.8	-5
Other liquid asphalt & tar paving materials, including cut backs .....		2951-112	06/81	80.2	81.0	79.8	-5.7	-1.5
Asphaltic (bituminous) concrete .....		2951-113	06/81	109.5	109.3	109.0	-1.4	-3
Other paving mixtures and blocks, including liquid additives .....		2951-114	06/81	( <sup>3</sup> )	78.2	78.2	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		2951-SM						
Secondary products .....		2951-S	06/81	118.6	121.4	121.2	-2	-2
<b>Asphalt felts and coatings</b>								
	2952		06/84	96.6	97.2	97.1	1.6	-1
Primary products .....		2952-P	06/84	96.7	97.4	97.2	1.8	-2
Asphalt and tar saturated felts and boards, non-building .....		2952-1	06/84	113.0	113.0	113.0	.2	0
Asphalt and tar products; except felts, coatings, and cements; non-building .....		2952-131	06/84	113.0	113.0	113.0	.2	0
Roofing asphalts and pitches, coatings, and cements .....		2952-2	06/84	87.1	88.3	88.2	1.4	-1
Fibrated asphaltic roofing coatings .....		2952-251	06/84	108.8	108.3	108.4	5.6	.1
Nonfibrated asphaltic roofing coatings .....		2952-255	06/84	98.1	100.7	100.7	3.4	0
Asphaltic roofing cements .....		2952-261	06/84	102.6	102.5	102.6	.9	.1
Other roofing asphalts and pitches, coatings, and cements .....		2952-298	06/84	89.3	90.9	89.7	-2.0	-1.3
Prepared asphalt and tar roofing and siding products .....		2952-3	06/84	97.7	98.3	98.1	2.1	-2
Smooth surface roll roofing including talc, mica, and other fine materials .....		2952-311	06/84	105.1	103.8	103.8	-9.2	0
Smooth asphalt roll roofing, organic base .....		2952-31101	06/84	103.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Self-sealing strip shingles; 244lbs. or less, organic base .....		2952-314	06/84	101.8	102.7	102.6	1.7	-1
Self sealing and regular strip asphalt shingles, fiberglass base .....		2952-325	06/84	84.6	82.9	82.5	2.9	-5
Saturated felts for built-up roofing systems .....		2952-353	06/84	99.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		2952-SM						
Secondary products .....		2952-S	06/84	96.4	96.4	96.4	-3	0
<b>Miscellaneous products of petroleum and coal</b>								
	299		12/84	109.9	111.7	112.4	8.5	.6
<b>Lubricating oils and greases</b>								
	2992		12/80	124.6	125.0	126.0	5.3	.8
Primary products .....		2992-P	12/80	123.7	124.1	125.2	4.9	.9
Lubricating and similar oils .....		2992-1	12/80	125.7	126.1	127.2	5.0	.9
Automotive .....		2992-111	12/80	131.1	131.3	133.1	5.6	1.4
Commercial .....		2992-1111	12/80	138.8	140.9	144.1	14.5	2.3
Commercial motor oil .....		2992-11111	12/80	106.3	108.3	110.9	5.0	2.4
Other commercial oil .....		2992-11112	12/80	165.5	166.3	169.3	19.9	1.8
Retail .....		2992-1112	12/80	125.7	124.2	125.1	-2.0	.7
Retail motor oil .....		2992-11121	12/80	110.2	108.7	109.5	-1.1	.7
Factory fill .....		2992-1113	11/82	115.7	120.6	123.0	( <sup>3</sup> )	2.0
Other factory fill oil .....		2992-11132	06/88	101.8	106.1	108.2	( <sup>3</sup> )	2.0
Industrial .....		2992-121	12/80	111.3	112.0	112.0	2.7	0
General industrial oil .....		2992-12111	12/80	110.3	111.3	111.3	1.6	0
Industrial metalworking oil .....		2992-12113	12/80	110.4	111.5	111.9	2.8	.4
Industrial engine oil .....		2992-12114	06/88	102.3	103.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Lubricating greases .....		2992-2	12/80	110.5	111.0	112.7	3.9	1.5
Automotive greases .....		2992-231	12/80	100.4	100.4	102.7	( <sup>3</sup> )	2.3
Industrial grease .....		2992-232	12/80	117.3	118.3	119.7	4.5	1.2
Other greases .....		2992-234	06/88	102.2	99.7	100.4	( <sup>3</sup> )	.7
Secondary products and miscellaneous receipts .....		2992-SM						
Secondary products .....		2992-S	12/80	144.3	144.3	144.7	17.8	.3
<b>Petroleum and coal products, n.e.c.</b>								
	2999		12/84	106.8	115.4	115.4	27.2	0
Primary products .....		2999-P	12/84	106.8	115.4	115.4	27.2	0
Calcined petroleum coke (not made in refineries) .....		2999-2	12/84	112.7	122.2	122.2	33.4	0
<b>Rubber and miscellaneous plastic products</b>								
	30		12/84	109.3	110.4	110.5	4.0	.1
<b>Tires and inner tubes</b>								
	3011		06/81	101.3	102.7	103.5	4.4	.8

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Tires and inner tubes—Continued</b>								
Primary products .....		3011-P	06/81	97.5	98.6	99.4	3.4	0.8
Passenger car pneumatic tires .....		3011-1	06/81	94.1	94.9	95.9	1.5	1.1
Radials .....		3011-112	06/81	94.8	95.9	97.3	5.9	1.5
Highway standard service .....		3011-1121	06/81	94.8	95.8	97.1	5.7	1.4
15 inch Rim diameter. Original equipment or replacement .....		3011-11213	06/81	( <sup>3</sup> )	96.2	99.3	7.0	3.2
All season. Original equipment or replacement .....		3011-11222	12/88	100.2	101.2	103.2	( <sup>3</sup> )	2.0
Truck/bus tires, including off highway .....		3011-2	06/81	96.0	98.4	99.2	8.2	.8
Radials .....		3011-212	06/81	81.5	83.8	84.5	( <sup>3</sup> )	.8
Light highway truck. Original equipment or replacement .....		3011-21211	06/81	90.9	94.1	94.7	( <sup>3</sup> )	.6
Medium/heavy highway truck. Original equipment or replacement ....		3011-21221	06/81	76.9	78.2	79.2	( <sup>3</sup> )	1.3
Non-radials .....		3011-215	06/81	98.0	99.7	100.3	8.0	.6
Light highway truck. Original equipment or replacement .....		3011-21511	06/81	105.9	106.5	107.6	9.8	1.0
Medium/heavy highway truck. Original equipment or replacement ....		3011-21521	06/81	86.9	90.2	90.2	5.3	0
Other pneumatic and all solid tires .....		3011-3	06/81	115.6	115.7	115.8	4.4	.1
Industrial, utility and garden tractor tires. Original equipment or replacement .....		3011-316	06/81	117.0	116.6	117.3	( <sup>3</sup> )	.6
All other pneumatic, including bicycle. Original equipment or replacement .....		3011-317	06/81	122.6	124.4	124.4	( <sup>3</sup> )	0
Industrial and highway - solid .....		3011-333	06/81	101.3	101.4	101.4	( <sup>3</sup> )	0
Inner tubes .....		3011-4	06/81	111.3	112.5	112.5	( <sup>3</sup> )	0
Truck/bus, incl. off highway .....		3011-423	06/81	105.0	106.9	106.9	( <sup>3</sup> )	0
Tread rubber, tire sundries, and repair materials .....		3011-5	06/81	110.4	112.4	113.5	3.6	1.0
Tread rubber .....		3011-511	06/81	104.3	105.2	106.7	3.0	1.4
Other tire sundries and repair materials, n.e.c. ....		3011-539	06/81	128.6	133.5	133.5	4.6	0
<b>Rubber and plastic footwear .....</b>	<b>3021</b>		12/80	117.4	118.5	120.9	5.5	2.0
Primary products .....		3021-P	12/80	123.4	124.8	126.3	4.6	1.2
Rubber, plastic, and other protective footwear .....		3021-1	12/80	132.0	136.4	136.4	6.9	0
Rubber uppers .....		3021-1A	12/86	108.0	111.4	111.4	6.8	0
Lumberman, pacs, rubbers, and other footwear having rubber uppers .....		3021-142	12/86	111.7	115.5	115.5	7.4	0
Plastic uppers .....		3021-1B	12/86	103.5	107.2	107.2	7.1	0
Non-protective footwear cemented, vulcanized, injection molded, etc. to fabric upper .....		3021-3	12/86	106.1	106.7	108.4	4.1	1.6
Vulcanized to fabric upper .....		3021-302	12/86	106.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Men's .....		3021-30221	12/86	108.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Injection molded or other processes performed .....		3021-303	12/86	108.1	108.6	111.9	4.8	3.0
Men's .....		3021-30321	12/86	103.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3021-SM						
Secondary products .....		3021-S	12/80	92.0	92.0	100.2	13.5	8.9
<b>Rubber and plastics hose and belting .....</b>	<b>3041</b>		12/81	113.5	115.5	115.9	5.4	.3
Primary products .....		3041-P	12/81	114.3	116.9	117.2	5.2	.3
Rubber and plastics belts and belting, flat .....		3041-1	12/81	112.0	117.8	117.6	9.8	-.2
Light weight conveyor and elevator .....		3041-103	12/81	118.9	126.0	127.7	11.4	1.3
Heavy duty conveyor and elevator .....		3041-105	12/81	107.5	112.6	111.8	9.4	-.7
Rubber and plastics transmission belts and belting, other than flat .....		3041-2	12/81	110.1	115.0	114.0	3.9	-.9
Industrial, except fractional .....		3041-231	12/81	105.9	108.5	110.3	11.3	1.7
Rubber hose, mandrel made, and all hydraulic .....		3041-3	12/81	115.3	113.5	116.6	1.1	2.7
Textile, hydraulic .....		3041-312	12/81	131.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Textile, nonhydraulic .....		3041-314	12/81	125.7	122.8	123.1	1.7	.2
Wire, hydraulic .....		3041-316	12/81	115.1	110.7	116.3	-2.6	5.1
Wire, nonhydraulic .....		3041-318	12/81	75.6	80.0	79.1	28.8	-1.1
Rubber hose, long length nonhydraulic, except garden .....		3041-4	12/81	102.3	107.9	107.9	-1.8	0
Textile .....		3041-451	12/81	103.8	109.5	109.5	-1.8	0
All other rubber and plastics hose .....		3041-6	12/81	121.8	121.9	122.2	9.1	.2
Wrapped reinforced .....		3041-63	12/81	128.5	129.0	129.0	8.0	0
Braided or loomed, helical reinforced .....		3041-663	12/81	89.9	89.9	89.9	4.4	0
All other rubber hose .....		3041-674	12/81	113.5	117.2	116.7	4.4	-.4
All other plastics hose .....		3041-68	12/81	146.5	146.3	146.5	12.2	.1
Nonhydraulic .....		3041-684	12/81	154.8	154.5	154.8	13.5	.2
Secondary products and miscellaneous receipts .....		3041-SM						
Miscellaneous receipts .....		3041-M	11/84	97.1	97.1	97.1	7.5	0
Resales .....		3041-Z89	11/84	97.1	97.1	97.1	7.5	0
Secondary products .....		3041-S	12/81	112.0	112.0	113.4	4.8	1.3
<b>Molded, extruded and lathe cut mechanical rubber goods .....</b>	<b>3061</b>		12/88	102.4	103.1	103.1	( <sup>3</sup> )	0
Primary products .....		3061-P	12/88	102.9	103.6	103.7	( <sup>3</sup> )	.1
Molded rubber mechanical goods .....		3061-A	06/83	103.6	104.4	104.5	4.0	.1
Automotive .....		3061-A11	06/83	87.4	87.5	87.5	-1.5	0
Transportation, other than automotive .....		3061-A12	06/83	116.0	116.0	117.1	5.5	.9
Appliances, household and commercial .....		3061-A13	06/83	106.8	107.4	107.4	-2.7	0
Other molded goods .....		3061-A16	06/83	125.1	127.4	127.4	11.0	0
Extruded rubber mechanical goods .....		3061-B	06/83	111.1	111.7	111.7	.9	0
Other tubing .....		3061-B14	06/83	125.3	130.5	130.5	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		3061-SM						
Secondary products .....		3061-S	06/83	112.1	113.6	112.7	.6	-.8
<b>Fabricated rubber products, n.e.c. ....</b>	<b>3069</b>		06/83	109.9	111.0	111.1	3.3	.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Fabricated rubber products, n.e.c.—Continued</b>								
Primary products .....		3069-P	06/83	109.7	111.1	111.1	3.3	0
Industrial products, n.e.c. ....		3069-C	06/83	115.9	117.4	117.3	2.6	-1
Roll covering, including all industry rolls .....		3069-C12	06/83	114.9	114.9	114.9	0	0
All other roll coverings, including graphic arts .....		3069-C1203	06/83	116.8	116.8	116.8	0	0
Other industrial rubber products .....		3069-C39	06/83	125.2	127.0	126.9	4.7	-1
Rubber coated fabrics and rubber clothing .....		3069-D	06/83	109.1	109.8	109.8	1.9	0
Rubber coated fabrics .....		3069-DA	06/83	104.4	104.4	104.4	.1	0
Rubber clothing .....		3069-DB	06/83	114.0	115.5	115.5	3.4	0
Other rubber clothing including bath and shower caps .....		3069-D56	09/85	109.1	110.4	110.4	( <sup>3</sup> )	0
Other rubber goods .....		3069-E	06/83	116.6	117.6	117.6	8.0	0
Hard rubber goods .....		3069-EA						
Other hard rubber goods .....		3069-E19	08/86	108.9	108.9	108.9	( <sup>3</sup> )	0
Boats, pontoons, and life rafts .....		3069-E22	04/85	121.4	126.3	126.3	( <sup>3</sup> )	0
Other rubber goods .....		3069-E28	06/83	115.8	117.4	117.9	9.6	.4
Sponge and foam rubber .....		3069-3	06/83	121.5	125.6	125.6	5.6	0
Chemically blown sponge .....		3069-3B	06/83	121.5	( <sup>3</sup> )	124.2	4.5	( <sup>3</sup> )
Rubber floor and wall coverings .....		3069-4	06/83	104.5	106.9	106.8	2.2	-1
Individual mats .....		3069-4A	06/83	104.4	105.7	105.7	1.2	0
Automotive .....		3069-423	12/83	106.4	106.2	106.2	( <sup>3</sup> )	0
Rubber druggist and medical sundries including household gloves .....		3069-7	06/83	112.5	114.0	114.0	9.9	0
Gloves .....		3069-7A						
Surgical .....		3069-761	12/88	101.5	102.3	102.2	( <sup>3</sup> )	-1
Other rubber druggist and medical sundries .....		3069-778	06/83	114.5	114.7	114.7	10.2	0
Reclaimed rubber .....		3069-8	06/83	92.3	92.4	92.3	( <sup>3</sup> )	-1
Ground vulcanized rubber .....		3069-813	12/88	99.2	100.0	99.2	( <sup>3</sup> )	-8
Compounds or mixtures for sale or interplant transfer .....		3069-9	06/83	102.8	102.8	102.8	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		3069-SM						
Secondary products .....		3069-S	06/83	113.2	113.4	114.1	1.9	.6
Other secondary products .....		3069-SSS	06/83	109.7	109.8	110.5	2.0	.6
<b>Miscellaneous plastic products</b>								
Primary products .....	3079		12/82	117.3	118.5	118.3	3.9	-2
Plastic film and sheet, unsupported .....		3079-P	12/82	117.5	118.5	118.4	3.7	-1
Packaging .....		3079-2	12/82	116.4	116.7	116.5	3.3	-2
Building and construction .....		3079-201	06/87	118.3	117.0	116.5	2.0	-4
Other .....		3079-202	06/87	108.1	109.2	109.2	4.5	0
Plastic piping .....		3079-207	06/87	111.1	114.0	114.1	6.3	.1
Water .....		3079-4	12/82	121.8	122.1	121.1	-2.8	-8
Plastic bottles .....		3079-424	06/87	116.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Plastic foam products .....		3079-5	12/82	119.4	122.5	121.8	11.6	-6
Transportation .....		3079-7	06/87	104.4	104.3	104.3	1.4	0
Packaging .....		3079-741	12/82	101.3	102.5	102.9	3.1	.4
Building and construction .....		3079-742	12/82	104.6	104.3	104.1	.6	-2
Furniture and furnishings .....		3079-744	01/83	117.8	117.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Consumer and institutional .....		3079-745	12/82	114.7	113.6	113.6	2.1	0
Molded plastic products, n. e. c .....		3079-746	12/82	107.4	107.2	107.3	-1.8	.1
Injection molded .....		3079-J	06/87	111.1	112.1	112.1	4.4	0
Compression/transfer molded .....		3079-J61	06/87	111.2	111.9	111.9	4.7	0
Cast .....		3079-J62	06/87	111.3	111.3	111.3	3.0	0
Other .....		3079-J65	06/87	108.7	109.4	109.4	2.1	0
Miscellaneous nonmolded plastic products, n. e. c .....		3079-J66	06/87	115.0	119.1	118.7	5.0	-3
Unsupported rods, tubes, and other shapes .....		3079-K	06/87	110.2	111.8	111.9	3.2	.1
Plastic shoe products .....		3079-K81	12/82	132.2	132.3	132.3	4.8	0
Laminates .....		3079-K88	06/84	109.6	111.4	111.4	2.5	0
Other laminates .....		3079-K91	12/82	112.0	116.9	116.9	4.7	0
Electrical and electronic .....		3079-K9102	06/87	116.7	121.9	121.9	7.5	0
Building and construction .....		3079-K93	12/82	112.6	112.4	112.3	-1.1	-1
Other .....		3079-K94	06/87	118.9	118.9	120.6	2.2	1.4
Secondary products and miscellaneous receipts .....		3079-K99	06/87	108.6	109.7	109.7	2.8	0
Miscellaneous receipts .....		3079-SM						
Reales .....		3079-M	12/82	122.9	123.2	123.2	7.8	0
Secondary products .....		3079-Z89	12/82	125.5	125.9	125.9	8.1	0
		3079-S	12/82	112.7	115.5	113.7	5.7	-1.6
<b>Leather and leather products</b>								
Leather tanning and finishing .....	31		12/84	115.9	117.1	117.2	3.7	.1
<b>Leather tanning and finishing</b>								
Primary products .....	3111		06/81	158.9	160.0	158.4	-3.5	-1.0
Finished cattle hide and kip side leather .....		3111-P	06/81	158.6	160.1	158.2	-4.2	-1.2
Grains, except offal and wetting leather .....		3111-1	06/81	161.3	162.6	160.2	-4.6	-1.5
Sole leather .....		3111-1A	06/81	163.6	164.5	161.8	-5.2	-1.6
Heavy bends .....		3111-115	06/81	180.2	172.4	166.1	-7.3	-3.7
Upper leather, including patent .....		3111-11512	06/81	180.2	172.4	166.1	-7.3	-3.7
Dress and casual shoe, including all patent .....		3111-137	06/81	151.1	154.8	152.2	-6.0	-1.7
Finished splits .....		3111-13711	06/81	153.1	153.8	151.5	-6.7	-1.5
Finished sheep and lamb leather .....		3111-1C	06/81	138.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Garment leather .....		3111-3	06/81	183.4	182.4	185.8	-2.0	1.9
Rough, crust, and wet blue not finished in the same establishment .....		3111-331	06/81	178.8	177.9	181.2	-2.0	1.9
Receipts for contract tanning done for others on their materials .....		3111-5	06/81	170.1	181.2	174.2	-12.1	-3.9
		3111-9	06/81	125.7	126.3	126.3	2.8	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Boot and shoe cut stock and findings .....	3131		12/84	116.0	117.0	116.2	2.2	-0.7
Primary products .....		3131-P	12/84	117.4	117.7	117.9	2.9	.2
Outer soles and innersoles of leather .....		3131-116	12/84	122.3	122.5	122.6	-9	.1
Other leather cut stock .....		3131-131	12/84	121.1	121.5	121.7	3.8	.2
Non-leather stock and findings incl. heels .....		3131-191	12/84	113.2	113.5	113.7	4.0	.2
Secondary products and miscellaneous receipts .....		3131-SM						
Secondary products .....		3131-S	12/84	104.6	109.6	103.0	-1.1	-6.0
Footwear, except rubber .....	314		12/84	115.1	116.4	116.6	4.8	.2
House slippers .....	3142		06/85	121.8	124.6	124.8	3.5	.2
Primary products .....		3142-P	06/85	123.2	126.4	126.6	3.9	.2
House slippers, except slipper socks .....		3142-1	06/85	123.6	126.7	127.0	4.0	.2
Leather house slippers .....		3142-111	06/85	135.6	145.0	145.9	9.4	.6
Men's .....		3142-11133	06/85	129.7	138.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Women's .....		3142-11144	06/85	151.0	163.2	163.2	8.8	0
House slippers, except leather .....		3142-122	06/85	117.9	118.1	118.1	1.1	0
Women's .....		3142-12244	06/85	118.7	118.7	118.7	.9	0
Men's footwear .....	3143		12/80	132.4	133.8	133.5	6.0	-2
Primary products .....		3143-P	12/80	132.7	134.2	133.7	5.9	-4
Men's leather upper footwear .....		3143-1	12/80	134.6	138.2	135.4	5.2	-6
Men's leather upper dress and casual shoes .....		3143-111	12/80	131.7	133.4	131.5	4.0	-1.4
Men's leather upper boots .....		3143-112	12/80	131.3	131.4	131.4	6.7	0
Men's leather upper work shoes or boots .....		3143-113	12/80	144.0	146.7	147.1	5.8	.3
Men's plastic upper footwear .....		3143-2	12/80	116.0	( <sup>3</sup> )	118.5	( <sup>3</sup> )	( <sup>3</sup> )
Men's plastic upper boots .....		3143-217	02/85	115.5	( <sup>3</sup> )	120.3	( <sup>3</sup> )	( <sup>3</sup> )
Men's other upper footwear .....		3143-3	03/81	118.2	122.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3143-SM						
Resales .....		3143-Z89	11/83	100.5	101.3	101.3	7.2	0
Secondary products .....		3143-S	12/80	131.2	132.9	132.9	4.5	0
Women's footwear .....	3144		12/80	111.9	112.4	112.4	2.8	0
Primary products .....		3144-P	12/80	110.1	110.4	110.4	2.6	0
Women's leather upper footwear .....		3144-1	12/80	111.1	111.4	111.4	2.9	0
Women's leather upper dress shoes .....		3144-111	12/80	114.1	114.4	114.4	2.1	0
Women's leather upper casual shoes .....		3144-112	12/80	121.3	123.3	123.2	5.4	-1
Women's leather upper sandals .....		3144-113	12/80	83.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Women's leather upper boots .....		3144-114	12/80	112.5	112.1	112.1	1.3	0
Women's plastic upper footwear .....		3144-2	12/80	107.4	107.9	107.8	2.4	-1
Women's plastic upper dress shoes .....		3144-216	12/80	106.7	106.8	106.5	-3	-3
Women's plastic upper casual shoes .....		3144-217	12/80	113.2	114.3	114.3	5.0	0
Women's other upper footwear .....		3144-3	12/80	113.8	113.4	113.4	2.0	0
Women's other upper casual shoes .....		3144-323	12/80	107.8	( <sup>3</sup> )	106.7	1.1	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3144-SM						
Resales .....		3144-Z89	12/80	122.6	120.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3144-S	12/80	140.9	147.0	147.0	8.0	0
Footwear, except rubber, n.e.c. ....	3149		12/79	127.4	130.3	133.3	6.6	2.3
Primary products .....		3149-P	12/79	125.8	129.2	133.2	7.5	3.1
Youths' and boys' footwear .....		3149-1	12/79	129.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Youths' and boys' leather upper footwear .....		3149-112	12/79	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Misses' footwear .....		3149-2	12/79	111.2	111.2	116.9	6.1	5.1
Misses' leather upper footwear .....		3149-215	12/79	116.4	116.4	126.0	8.2	8.2
Children's footwear .....		3149-3	12/79	131.0	136.0	138.8	8.1	2.1
Children's leather upper footwear .....		3149-318	12/79	134.5	139.6	142.4	6.7	2.0
Children's nonleather upper footwear .....		3149-319	12/79	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Infants' and babies' footwear .....		3149-4	12/79	136.5	139.3	139.3	2.9	0
Infants' and babies' leather upper footwear .....		3149-421	12/79	137.5	141.1	141.1	3.1	0
Infants' and babies' nonleather upper footwear .....		3149-422	05/80	132.5	132.5	132.5	( <sup>3</sup> )	0
Athletic footwear, except rubber .....		3149-5	12/79	118.9	( <sup>3</sup> )	132.9	11.8	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3149-SM						
Resales .....		3149-Z89	11/85	108.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3149-S	12/79	134.3	135.1	135.1	3.0	0
Men's footwear .....		3143-S	12/80	110.0	111.0	111.0	5.6	0
Women's footwear .....		3144-S	12/80	130.5	131.0	131.0	1.7	0
Other secondary products .....		3149-SSS	12/79	201.9	201.9	201.9	0	0
Leather gloves and mittens .....	3151		06/85	110.8	111.9	111.9	3.7	0
Primary products .....		3151-P	06/85	114.9	116.4	116.3	4.2	-1
All leather dress and semidress gloves and mittens .....		3151-2	06/85	116.5	117.3	117.3	4.6	0
Block cut .....		3151-211	06/85	111.7	111.7	111.7	( <sup>3</sup> )	0
Men's and boys' .....		3151-21114	06/85	111.7	111.7	111.7	( <sup>3</sup> )	0
Other than block cut .....		3151-213	06/85	125.8	128.1	128.1	5.5	0
Men's and boys' .....		3151-21317	06/85	124.7	128.1	128.1	6.0	0
Women's and children's .....		3151-21357	06/85	128.2	128.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All leather work gloves and mittens .....		3151-7	06/85	114.4	116.1	116.0	4.0	-1
All grain, excluding welders .....		3151-781	06/85	118.5	119.6	119.6	1.3	0
All split, excluding welders .....		3151-783	06/85	105.2	106.6	106.6	3.1	0
Leather, except all grain and all split, including welders .....		3151-789	06/85	111.5	115.0	114.9	13.0	-1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Leather gloves and mittens—Continued								
Secondary products and miscellaneous receipts		3151-SM						
Miscellaneous receipts		3151-M						
Secondary products		3151-S	06/85	105.7	108.3	108.3	4.6	0
Luggage	3161		12/84	106.7	108.3	108.6	5.8	.3
Primary products		3161-P	12/84	107.0	108.7	108.9	6.0	.2
Hand luggage		3161-1	12/84	103.4	104.6	104.6	6.3	0
Women's hand luggage, all types except zippered		3161-112						
Men's hand luggage, all types except zippered		3161-113	12/84	125.3	127.2	127.2	5.3	0
Hard side		3161-11335	12/84	129.2	129.2	129.2	10.1	0
Zippered hand luggage, men's and women's		3161-114	12/84	117.0	118.5	118.5	9.8	0
Luggage other than hand luggage		3161-2	12/84	114.8	117.4	118.0	5.6	.5
Occupational luggage cases, sample, binocular, and camera cases		3161-253	12/84	109.8	109.8	113.0	6.4	2.9
Briefcases and bags, school bags, envelopes, catalog cases, and zippered ring binders		3161-273	12/84	123.2	130.4	130.4	7.9	0
Musical instrument cases		3161-281	12/84	108.3	108.3	108.6	3.4	.3
Attache cases		3161-284	12/84	119.8	122.6	122.6	4.0	0
Other luggage, including non-canvas knapsacks		3161-298	12/84	100.3	106.5	105.9	6.4	-.6
Secondary products and miscellaneous receipts		3161-SM						
Miscellaneous receipts		3161-M	12/84	105.2	108.1	109.1	6.0	.9
Resales		3161-Z89	12/84	105.6	108.5	109.0	5.0	.5
Secondary products		3161-S	12/84	102.2	102.1	102.1	3.0	0
Handbags and other personal leather goods	317		12/84	113.8	114.0	114.2	3.0	.2
Women's and children's handbags and purses	3171		06/82	123.4	123.1	123.1	1.6	0
Primary products		3171-P	06/82	122.7	122.3	122.3	1.8	0
Women's and children's handbags and purses		3171-5	06/82	122.7	122.3	122.3	1.8	0
All or chiefly leather		3171-511	06/82	130.6	( <sup>3</sup> )	131.9	5.6	( <sup>3</sup> )
All or chiefly plastic		3171-551	06/82	120.2	118.3	118.3	-.5	0
Other materials, except precious metals		3171-571	06/82	113.9	115.0	115.0	1.3	0
Secondary products and miscellaneous receipts		3171-SM						
Secondary products		3171-S	06/82	125.6	125.6	126.1	.4	.4
Personal leather goods, except women's handbags and purses	3172		06/82	122.4	123.5	123.4	4.9	-.1
Primary products		3172-P	06/82	123.1	124.3	123.8	4.7	-.4
Personal leather goods, except women's handbags and purses		3172-5	06/82	123.1	124.3	123.8	4.7	-.4
Billfolds, wallets, French purses and clutches		3172-5A	06/82	126.4	126.4	127.4	9.3	.8
Billfolds, wallets, French purses and clutches, leather		3172-511	06/82	122.2	122.2	123.3	8.3	.9
Billfolds and wallets		3172-51111	06/82	124.8	124.9	125.3	7.4	.3
French purses		3172-51122	06/82	117.0	117.0	118.1	6.5	.9
Clutches		3172-51133	06/82	122.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Travel kits		3172-531	06/82	194.6	194.6	195.4	.9	.4
Other personal goods, except leather		3172-597	06/82	116.7	116.7	116.7	1.4	0
Secondary products and miscellaneous receipts		3172-SM						
Secondary products		3172-S	06/82	113.6	113.6	113.6	3.9	0
Leather goods, n.e.c.	3199		06/85	115.5	116.3	116.3	2.5	0
Primary products		3199-P	06/85	112.7	113.7	113.6	2.4	-.1
Saddlery and harness and accouterments		3199-131	06/85	112.3	112.7	112.7	2.5	0
Industrial leather belting/industrial leather products		3199-191	06/85	131.4	133.4	133.4	1.5	0
Industrial leather products		3199-19112	06/85	114.2	114.2	114.3	.1	.1
Dog collars, leashes and other household pet accessories made of leather/leather-like material		3199-196	06/85	101.7	103.3	102.8	3.0	-.5
Other leather/leather-like goods		3199-197	06/85	108.5	109.1	109.0	3.5	-.1
Secondary products and miscellaneous receipts		3199-SM						
Secondary products		3199-S	06/85	109.5	110.5	110.6	4.2	.1
Stone, clay, glass, and concrete products	32		12/84	106.6	107.6	107.9	2.0	.3
Flat glass	3211		12/80	115.6	113.7	115.8	1.2	1.8
Primary products		3211-P	12/80	115.7	113.6	115.9	1.4	2.0
Other flat glass, made from glass produced in the same establishment		3211-4	12/80	106.3	105.7	105.7	.5	0
Sheet(window), plate and float glass		3211-5	12/80	117.9	114.2	118.1	2.7	3.4
Over .244 inch		3211-516	12/80	122.9	120.7	120.5	-2.0	-.2
Glass and glassware, pressed or blown	322		12/84	108.2	111.3	111.7	4.1	.4
Glass containers	3221		06/82	110.6	114.7	114.4	3.4	-.3
Primary products		3221-P	06/82	110.9	115.0	114.7	3.5	-.3
Glass containers for domestic consumption		3221-1	06/82	110.9	115.0	114.7	3.5	-.3
Narrow neck containers		3221-11	06/82	110.2	114.1	113.8	3.5	-.3
Food		3221-111	06/82	105.2	112.5	112.3	9.1	-.2
Non-alcoholic beverage		3221-115	06/82	107.6	113.4	113.4	4.8	0
Non-refillable		3221-1155	06/82	108.1	113.9	113.9	4.8	0
Beer		3221-116	06/82	113.2	119.4	118.6	4.8	-.7
Non-refillable		3221-1166	06/82	114.2	120.5	119.6	4.8	-.7
Liquor		3221-117	06/82	111.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wine		3221-119	06/82	112.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wide mouth containers		3221-13						
Food		3221-131	06/82	113.8	118.4	118.3	3.6	-.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Pressed and blown glass, n.e.c.	3229		06/83	116.0	117.7	119.4	5.3	1.4
Primary products		3229-P	06/83	116.7	118.6	120.3	5.6	1.4
Table, kitchen, art, and novelty glassware		3229-1	06/83	118.6	119.8	121.2	4.5	1.2
Machine made table, kitchen, art, and novelty glassware		3229-12	06/83	117.7	118.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ornamental, decorative, and novelty glassware and smokers' accessories		3229-128	06/83	119.2	119.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Handmade table, kitchen, art, and novelty glassware		3229-13	06/83	130.2	135.3	137.0	6.0	1.3
Stemware		3229-132	06/83	140.3	149.6	153.4	9.3	2.5
Tableware		3229-133	06/83	119.3	120.4	120.4	2.5	0
Other handmade, including ornamental, decorative, novelty and smokers' accessories		3229-138	06/83	125.7	126.0	125.7	1.8	-2
Lighting and electronic glassware		3229-2	06/83	106.7	106.5	111.2	3.8	4.4
Bowls and enclosing globes and other glass parts for interior lighting		3229-237	06/83	126.0	127.0	127.0	4.6	0
Glass fiber-textile type		3229-3	06/83	117.7	123.1	123.1	11.0	0
Other pressed and blown glassware		3229-4	06/83	128.9	129.4	129.4	1.7	0
Industrial and technical glassware		3229-425	06/83	132.5	133.6	133.6	2.5	0
Other glassware		3229-429	06/83	109.0	109.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts		3229-SM						
Secondary products		3229-S	06/83	105.1	105.1	105.1	.5	0
Products of purchased glass	3231		06/83	114.6	114.8	115.7	1.8	.8
Primary products		3231-P	06/83	114.7	114.8	115.9	1.9	1.0
Laminated glass, including plate, float, and sheet		3231-3	06/83	102.7	103.0	102.8	2.2	-2
For construction and architectural uses		3231-321	06/87	99.9	100.0	99.4	1.4	-6
For automotive uses		3231-341	06/87	101.6	101.9	101.8	1.9	-1
OEM		3231-34101	06/87	99.6	100.0	99.8	.1	-2
Replacement		3231-34102	06/87	107.6	107.6	107.6	7.1	0
Mirrors, plate and float (decorated or undecorated)		3231-5	06/83	117.6	117.8	122.3	5.1	3.8
Framed mirrors		3231-521	06/83	123.8	125.1	130.4	6.9	4.2
Unframed mirrors		3231-541	06/83	114.7	114.7	120.7	4.4	5.2
Automotive mirrors		3231-571	06/83	114.4	113.8	113.9	3.6	.1
Pressed and blown glassware, made from glass purchased or transferred from other establishments		3231-7	06/83	115.2	115.6	116.3	2.1	.6
Consumer glassware		3231-711	06/83	114.8	( <sup>3</sup> )	115.8	1.3	( <sup>3</sup> )
Machine made		3231-71103	06/87	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other glassware, including scientific, laboratory, industrial, etc.		3231-751	06/83	117.1	117.9	119.4	2.6	1.3
Other glass products, made from glass purchased or transferred from other establishments		3231-8	06/83	116.7	116.5	116.6	.4	.1
Stained, leaded, and faceted glass and colored glass slabs		3231-821	06/83	106.8	107.3	106.8	-3	-5
Multiple-glazed, sealed insulating glass units		3231-871	06/83	115.3	114.4	114.4	-5	0
Tempered glass		3231-88	06/87	104.4	104.0	104.1	.3	.1
For automotive use		3231-881	06/83	120.6	120.5	120.6	1.4	.1
OEM		3231-88104	06/87	102.4	102.3	102.4	1.1	.1
For construction and architectural use		3231-883	06/83	104.9	104.3	104.5	-1.0	.2
For other uses		3231-889	06/83	128.9	126.7	126.7	.2	0
Other flat glass products		3231-898	06/83	118.9	120.5	120.5	1.9	0
Secondary products and miscellaneous receipts		3231-SM						
Miscellaneous receipts		3231-M	12/83	101.0	102.2	102.2	1.2	0
Secondary products		3231-S	06/83	117.1	117.2	117.1	-2	-1
Hydraulic cement	3241		06/82	100.7	101.0	101.0	-1.3	0
Primary products		3241-P	06/82	100.7	101.0	101.0	-1.3	0
Portland cement		3241-1	06/82	101.2	101.5	101.5	-1.2	0
Normal portland cement, ASTM Type I		3241-111	06/82	102.4	102.6	102.6	-1.6	0
Northeast region		3241-1111						
Middle Atlantic division		3241-11112	06/82	120.6	121.3	119.0	.8	-1.9
North Central region		3241-1112	06/82	109.8	111.1	111.1	-2.2	0
East North Central division		3241-11121	06/82	118.9	121.2	121.2	-3.3	0
West North Central division		3241-11122	06/82	97.6	97.6	97.6	0	0
South region		3241-1113	06/82	93.7	91.3	91.8	-5.1	.5
South Atlantic division		3241-11131	06/82	111.4	111.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
East South Central division		3241-11132	06/82	104.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
West South Central division		3241-11133	06/82	72.8	70.1	71.0	-8.7	1.3
West region		3241-1114	06/82	93.9	96.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Moderate heat of hydration (moderate sulfate resistance), ASTM Type II		3241-112	06/82	99.8	101.2	100.8	.5	-4
Northeast region		3241-1121	06/82	106.6	108.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Middle Atlantic division		3241-11212	06/82	111.3	113.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
West region		3241-1124	06/82	92.5	95.7	96.0	3.1	.3
Pacific division		3241-11242	06/82	92.6	94.4	94.8	3.0	.4
High early strength, ASTM Type III		3241-113	06/82	89.2	86.3	86.5	-4.0	.2
Other portland cements		3241-117	06/82	94.7	96.7	98.5	3.5	1.9
Other cements		3241-2	06/82	95.1	95.1	95.1	-2.5	0
Structural clay products	325		12/84	111.3	112.1	112.0	1.7	-1
Brick and structural clay tile	3251		12/84	111.1	111.5	111.2	.6	-3
Primary products		3251-P	12/84	111.6	111.9	111.7	.7	-2
Brick, except ceramic glazed and refractory		3251-1	12/84	111.5	111.9	111.7	.7	-2

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Brick and structural clay tile—Continued								
Building or common, and face brick .....		3251-111	12/84	111.6	112.0	111.7	0.7	-0.3
Building or common brick .....		3251-11101	12/84	121.1	121.9	121.9	.7	0
Face brick .....		3251-11102	12/84	109.2	109.5	109.2	.7	-3
Other brick (paving, floor, and sewer) .....		3251-119	12/84	108.4	108.5	108.5	1.1	0
Secondary products and miscellaneous receipts .....		3251-SM						
Ceramic wall and floor tile .....	3253		06/85	109.6	110.3	110.0	1.9	-3
Primary products .....		3253-P	06/85	110.7	111.5	111.2	2.4	-3
Ceramic mosaic .....		3253-11	06/85	110.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Unglazed .....		3253-112	06/85	110.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Quarry tile .....		3253-12	06/85	107.5	( <sup>3</sup> )	106.3	-9	( <sup>3</sup> )
Unglazed .....		3253-122	06/85	107.7	( <sup>3</sup> )	106.4	-1.0	( <sup>3</sup> )
Glazed wall tile .....		3253-131	06/85	113.2	113.2	113.2	3.2	0
Other tile incl. paver, special purpose, decorative thin wall, etc. ....		3253-14	06/85	96.4	107.5	96.4	-9.5	-10.3
Glazed .....		3253-141	06/85	96.2	107.2	96.2	-9.4	-10.3
Clay refractories .....	3255		12/85	108.6	109.9	110.0	.8	.1
Primary products .....		3255-P	12/85	106.5	107.8	107.9	3.8	.1
Bricks and shapes .....		3255-1	12/85	108.3	109.4	109.7	5.1	.3
Fireclay (including semisilica) brick and clay except superduty .....		3255-111	12/85	103.8	108.6	110.1	10.1	1.4
High alumina inc. high alumina ladle brick, 50% alumina and over .....		3255-113	12/85	109.4	110.0	110.0	4.4	0
Insulating firebrick and shapes .....		3255-116	12/85	116.3	116.3	116.3	4.6	0
2300 degrees F to 2799 degrees F .....		3255-11612	12/85	119.5	119.5	119.5	5.8	0
Clay kiln furniture, radiant heater elements, potters' supplies & oth. misc. shaped items .....		3255-117	12/85	112.1	113.5	113.5	2.8	0
Unshaped clay refractories .....		3255-2	12/85	106.4	107.3	107.3	2.9	0
Refractory bonding mortars, wet and dry, less than 50% alumina .....		3255-211	12/85	102.6	102.6	102.6	2.6	0
Plastic refractories and ramming mixes, less than 50% alumina .....		3255-213	12/85	100.6	102.4	102.4	.7	0
High alumina plastic refractories and ramming mixes, 50% alumina and over .....		3255-214	12/85	112.9	112.9	112.9	4.0	0
Castable refractories (hydraulic setting) .....		3255-3	12/85	100.5	103.0	103.0	2.7	0
Castable refractories, less than 50% alumina .....		3255-311	12/85	98.7	100.8	100.8	.8	0
High alumina castable refractories .....		3255-312	12/85	98.9	104.6	104.6	5.2	0
Insulating castables (density up to 105 lbs./cu.ft.) and insulating gunning mixes .....		3255-313	12/85	104.3	105.4	105.4	4.5	0
Secondary products and miscellaneous receipts .....		3255-SM						
Miscellaneous receipts .....		3255-M	12/85	103.7	108.5	108.5	-38.1	0
Secondary products .....		3255-S	12/85	110.5	110.5	110.5	4.0	0
Structural clay products, n.e.c. ....	3259		12/85	108.9	109.3	109.3	3.8	0
Primary products .....		3259-P	12/85	110.2	110.7	110.7	4.3	0
Vitrified clay sewer pipe and fittings .....		3259-1	12/85	114.1	114.9	114.9	5.4	0
Other structural clay products, n.e.c. ....		3259-2	12/85	101.5	101.5	101.5	2.1	0
Other structural clay products incl. terra cotta, drain and flue tile, conduit and adobe .....		3259-298	12/85	103.6	103.6	103.6	1.4	0
Pottery and related products .....	326		12/84	111.2	112.7	113.0	4.1	.3
Vitreous plumbing fixtures .....	3261		06/85	107.3	109.3	109.9	4.4	.5
Primary products .....		3261-P	06/85	106.6	107.2	107.9	3.4	.7
Lavatories, china and earthenware .....		3261-111	06/85	110.0	107.5	110.7	6.2	3.0
Water closet bowls .....		3261-121	06/85	105.8	107.8	107.4	1.9	-4
Siphon jet .....		3261-12101	06/85	107.3	109.9	109.6	2.6	-3
Flush tanks .....		3261-131	06/85	105.4	106.5	107.0	3.5	.5
Other china plumbing fixtures incl. other w.c. bowls, bidets, drinking fountains, sinks, etc. ....		3261-151	06/85	103.1	105.5	105.7	3.3	.2
China and earthenware plumbing fixture accessories and fittings .....		3261-2	06/85	109.5	109.5	109.5	2.7	0
China and earthenware plumbing fixture accessories and fittings .....		3261-211	06/85	109.5	109.5	109.5	2.7	0
Secondary products and miscellaneous receipts .....		3261-SM						
Secondary products .....		3261-S	06/85	110.9	120.5	120.5	9.2	0
Vitreous china food utensils .....	3262		12/83	125.3	123.2	123.5	-.7	.2
Primary products .....		3262-P	12/83	125.2	122.3	122.8	-1.8	.4
Vitreous china and porcelain table and kitchen utensils .....		3262-1						
Tableware (for serving food and drink) .....		3262-11	12/83	125.2	122.3	122.8	-1.8	.4
Hotel or commercial tableware .....		3262-118	12/83	120.3	116.0	116.7	-6.0	.6
Secondary products and miscellaneous receipts .....		3262-SM						
Porcelain electrical supplies .....	3264		12/85	105.1	106.8	107.1	5.1	.3
Primary products .....		3264-P	12/85	104.1	105.7	106.1	4.8	.4
Porcelain, steatite and other ceramic electrical products .....		3264-1	12/85	104.1	105.7	106.1	4.8	.4
Switch and bus insulators, including cap and pin and post types .....		3264-116	12/85	102.5	( <sup>3</sup> )	104.1	9.6	( <sup>3</sup> )
All other, including guy strain insulators and spools .....		3264-117	12/85	99.0	103.7	103.7	-7	0
High-voltage porcelain (wet process) shipped as components for elect. equipment .....		3264-118	12/85	105.1	105.6	105.6	1.4	0
Dry process electrical porcelain incl. parts for radio sets, spark plugs, cleats, etc. ....		3264-129	12/85	106.9	108.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Steatite electrical products .....		3264-141	12/85	102.3	102.6	102.6	.7	0
Beryllia, titanate, and other ceramic electrical products n.e.c. ....		3264-198	12/85	104.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3264-SM						
Secondary products .....		3264-S	12/85	112.1	113.5	113.5	6.3	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Pottery products, n.e.c., including fine earthenware food utensils .....	3268		12/83	115.5	118.1	118.1	5.5	0
Primary products .....		3268-P	12/83	117.1	119.8	119.7	5.8	-1
Art, decorative and novelty pottery .....		3268-1	12/83	120.9	121.1	121.1	1.1	0
China and porcelain .....		3268-111	12/83	128.6	128.6	128.6	-5	0
Earthenware and stoneware .....		3268-131	12/83	114.9	115.2	115.2	2.5	0
Stoneware and fine earthenware food utensils, household and commercial .....		3268-2	12/83	107.3	113.9	113.7	9.7	-2
Tableware .....		3268-211	12/83	96.7	105.6	105.4	12.6	-2
Kitchenware .....		3268-212	12/83	124.9	127.4	127.4	6.0	0
Other pottery products, n.e.c. ....		3268-3	12/83	128.8	128.8	128.8	8.5	0
All other pottery products, incl. chemical stoneware & porcelain, n.e.c. ....		3268-315	12/83	132.7	132.7	132.7	5.7	0
Secondary products and miscellaneous receipts .....		3268-SM						
Concrete, gypsum, and plaster products .....	327		12/84	103.6	103.7	103.9	.7	.2
Concrete block and brick .....	3271		06/81	121.9	122.8	122.9	1.3	.1
Primary products .....		3271-P	06/81	125.0	125.9	126.1	1.4	.2
Concrete block and concrete brick .....		3271-1	06/81	125.0	125.9	126.1	1.4	.2
Concrete block: light, medium, and normal (excluding decorative and paving) .....		3271-11	06/81	126.2	126.8	127.0	1.3	.2
concrete block and brick, except decorative and paving .....		3271-111	06/81	126.1	126.5	127.0	1.4	.4
North Atlantic lightweight block .....		3271-11101	12/87	102.5	102.6	102.9	1.5	.3
North Central lightweight block .....		3271-11102	12/87	101.2	102.1	102.1	1.0	0
South Atlantic lightweight block .....		3271-11103	12/87	101.0	100.9	101.4	1.1	.5
South Central lightweight block .....		3271-11104	12/87	101.5	102.5	101.8	1.3	-7
Western lightweight block .....		3271-11105	12/87	101.9	101.9	104.0	2.7	2.1
Medium weight concrete block, from 105 lbs. but < 125 lbs./cf dry weight .....		3271-115	06/81	129.8	129.7	129.5	.2	-2
North Atlantic medium weight block .....		3271-11501	12/87	105.0	105.0	105.2	.4	.2
North Central medium weight block .....		3271-11502	12/87	101.2	101.2	101.2	.4	0
South Atlantic medium weight block .....		3271-11503	12/87	101.5	101.3	99.9	-1.2	-1.4
Western medium weight block .....		3271-11505	12/87	101.7	101.7	101.7	1.3	0
Normal weight concrete block, 125 lbs. or more/cf dry weight .....		3271-117	06/81	124.6	125.8	125.8	1.6	0
North Atlantic normal weight block .....		3271-11701	12/87	103.1	103.7	104.2	1.3	.5
North Central normal weight block .....		3271-11702	12/87	101.9	102.3	102.3	1.2	0
South Atlantic normal weight block .....		3271-11703	12/87	102.2	105.9	105.3	3.2	-6
South Central normal weight block .....		3271-11704	12/87	101.7	102.4	102.3	2.5	-1
Western normal weight block .....		3271-11705	12/87	100.2	100.2	100.2	.3	0
Decorative block (such as screen block, split block, slump block, shadowal block, etc.) .....		3271-121	06/81	116.0	117.5	117.5	1.5	0
Concrete brick .....		3271-151	06/81	116.7	118.1	118.0	2.3	-1
Paving blocks .....		3271-161	06/81	111.8	122.2	122.2	9.7	0
Secondary products and miscellaneous receipts .....		3271-SM						
Miscellaneous receipts .....		3271-M	06/81	108.2	108.6	108.6	.5	0
Contract work and other miscellaneous receipts .....		3271-XY9	06/81	119.9	119.9	119.9	0	0
Resales .....		3271-Z89	06/81	107.5	108.0	108.1	.6	.1
Secondary products .....		3271-S	06/81	130.9	131.5	132.2	1.2	.5
Concrete products .....	3272		12/79	124.6	125.0	125.2	.5	.2
Primary products .....		3272-P	12/79	123.4	123.7	123.9	.2	.2
Concrete pipe .....		3272-1	12/79	115.9	115.8	115.7	-2.4	-1
Culvert and storm sewer pipe .....		3272-16	12/80	102.2	101.8	101.7	-3.1	-1
Reinforced .....		3272-161	12/79	110.9	110.5	110.3	-3.4	-2
Sanitary sewer pipe .....		3272-17						
Reinforced .....		3272-171	12/79	130.5	130.5	130.5	-4.1	0
Precast concrete products .....		3272-2	12/79	135.4	136.5	136.9	1.8	.3
Slabs and tile .....		3272-213	07/85	114.9	115.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wall panels .....		3272-223	11/84	104.4	106.2	106.2	3.9	0
Burial vaults and boxes .....		3272-234	12/79	141.3	141.3	142.0	2.5	.5
Concrete septic tanks .....		3272-261	12/79	144.5	144.5	144.5	0	0
Other precast concrete products .....		3272-281	12/79	132.6	133.3	134.1	-4	.6
Prestressed concrete products, excluding pipe .....		3272-3	12/79	114.9	115.0	115.4	.8	.3
Solid and hollow cored panels .....		3272-331	12/79	132.0	132.8	133.7	3.6	.7
Dry mixed concrete materials .....		3272-5	12/79	131.5	131.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3272-SM						
Secondary products .....		3272-S	12/79	154.7	156.5	156.5	8.5	0
Ready-mixed concrete .....	3273		06/81	110.5	110.8	110.8	1.1	0
Primary products .....		3273-P	06/81	109.5	109.8	109.7	.9	-1
Ready-mixed concrete .....		3273-111	06/81	109.5	109.8	109.7	.9	-1
Northeast region ready-mixed concrete .....		3273-111A	12/87	102.1	102.0	101.4	1.8	-6
New England ready-mixed concrete .....		3273-11101	12/87	102.2	102.4	101.4	2.5	-1.0
Mid Atlantic ready-mixed concrete .....		3273-11102	12/87	102.1	101.8	101.4	1.4	-4
North Central region ready-mixed concrete .....		3273-111B	12/87	102.1	100.8	101.3	1.1	.5
East North Central ready-mixed concrete .....		3273-11103	12/87	102.9	101.9	102.5	1.7	.6
West North Central ready-mixed concrete .....		3273-11104	12/87	100.8	99.0	99.3	0	.3
Southern region ready-mixed concrete .....		3273-111C	12/87	101.7	102.9	102.5	1.7	-4
South Atlantic ready-mixed concrete .....		3273-11105	12/87	103.4	104.6	104.6	2.1	0
West South Central ready-mixed concrete .....		3273-11106	12/87	100.4	101.7	100.8	1.1	-9

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Ready-mixed concrete—Continued								
East South Central ready-mixed concrete .....		3273-11107	12/87	101.0	101.7	101.6	1.9	-0.1
Western region ready-mixed concrete .....		3273-111D	12/87	98.9	99.1	99.4	-6	.3
Mountain ready-mixed concrete .....		3273-11108	12/87	97.2	96.7	96.8	-3.9	.1
Pacific ready-mixed concrete .....		3273-11109	12/87	99.8	100.6	100.9	1.3	.3
Secondary products and miscellaneous receipts .....		3273-SM						
Miscellaneous receipts .....		3273-M	06/81	115.8	115.0	115.0	-1.4	0
Contract work and other miscellaneous receipts .....		3273-XY9	06/81	138.2	134.7	134.7	-4.8	0
Secondary products .....		3273-S	06/81	117.6	118.7	120.8	4.9	1.8
Lime .....	3274							
Primary products .....		3274-P	12/85	102.3	102.8	102.7	1.0	-1
Quicklime .....		3274-111	12/85	102.6	103.1	103.0	1.1	-1
Hydrated lime .....		3274-151	12/85	102.0	102.5	102.5	.4	0
Gypsum products .....								
Primary products .....		3275-P	06/81	108.7	106.9	107.9	-2.0	.9
1/2 inch regular gypsum board .....		3275-225	06/81	109.5	107.5	108.6	-2.3	1.0
Type X gypsumboard .....		3275-315	06/81	102.2	99.5	100.3	-2.9	2.0
Secondary products .....								
Type X gypsumboard .....								
Cut stone and stone products .....	3281							
Primary products .....		3281-P	12/84	118.7	119.8	119.7	2.8	-1
Dressed dimension granite, including gneiss, syenite, diorite, and cut granite .....								
Building stone .....		3281-1	12/84	118.7	119.1	119.0	2.5	-1
Monumental stone .....		3281-113	12/84	109.6	110.7	110.5	3.0	-2
Other granite products such as paving blocks and curbing .....		3281-113	12/84	91.8	93.4	93.4	-4	0
Dressed dimension limestone, including dolomite, travertine, calcareous tufa, and cut limestone .....		3281-135	12/84	116.7	117.8	117.5	4.3	-3
Building stone .....		3281-198	12/84	102.4	102.5	102.5	1.0	0
Dressed dimension limestone, including dolomite, travertine, calcareous tufa, and cut limestone .....								
Building stone .....		3281-2	12/84	111.7	111.7	111.7	2.1	0
Dressed dimension marble and other stone .....		3281-213	12/84	111.7	111.7	111.7	2.1	0
Building stone, monumental stone, and other marble products .....		3281-3	12/84	139.4	141.6	141.6	1.8	0
Monumental stone .....		3281-337	12/84	148.0	148.0	148.0	0	0
Monumental stone .....		3281-33715	12/84	112.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Abrasives, asbestos, and miscellaneous nonmetallic mineral products .....	329		12/84	107.3	108.8	109.0	2.7	.2
Abrasive products .....	3291							
Primary products .....		3291-P	12/80	130.8	134.6	134.9	4.8	.2
Nonmetallic sized grains, powders, and flour abrasives .....								
Synthetic nonmetallic sized grains, powders, and flour abrasives .....		3291-5	12/80	128.8	133.3	133.7	5.0	.3
Silicon carbide .....		3291-5A	06/87	106.9	108.6	108.6	9.1	0
Aluminum oxide .....		3291-517	12/80	107.1	108.9	108.9	9.4	0
Nonmetallic abrasive products (including diamond abrasives) .....		3291-519	12/80	95.7	95.7	95.7	5.0	0
Resinoid and shellac bond .....		3291-6	12/80	93.4	93.5	93.5	24.3	0
Reinforced .....		3291-6A	12/80	133.6	137.8	139.0	3.5	.9
Nonreinforced .....		3291-6A	06/87	101.8	107.1	107.1	4.0	0
Vitrified bond .....		3291-637	12/80	133.7	143.3	143.3	5.3	0
Diamond wheels .....		3291-642	12/80	129.5	134.2	134.2	2.9	0
Other bond .....		3291-631	12/80	141.6	147.7	148.1	4.5	.3
Nonmetallic coated abrasive products, buffing wheels, polishing wheels, and laps .....		3291-671	06/87	111.7	111.1	116.1	3.6	4.5
Cloth (all bonds) .....		3291-67102	12/80	108.2	106.9	117.6	7.8	10.0
Glue bond .....								
Other shapes .....		3291-7	12/80	146.6	153.5	153.5	4.8	0
Resin and waterproof bond .....		3291-71	06/87	103.9	109.5	109.5	5.4	0
Belts .....		3291-711	06/87	103.4	108.7	108.7	5.1	0
Paper (all bonds) .....		3291-71102	12/80	159.0	167.4	167.4	5.3	0
Glue bond .....		3291-715	06/87	104.0	109.8	109.8	5.6	0
Other shapes .....		3291-71501	12/80	155.1	162.8	162.8	5.0	0
Other (including paper-cloth, vulcanized cloth-fiber combinations) .....		3291-72	06/87	102.9	108.5	108.5	5.4	0
Metal abrasives (including scouring pads) .....		3291-721	06/87	101.5	106.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Steel and iron grit, shot, and sand .....		3291-72102	12/80	156.0	163.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Steel wool .....		3291-739	12/80	136.4	139.7	139.7	2.6	.0
Secondary products and miscellaneous receipts .....		3291-8	12/80	129.5	131.8	132.0	3.9	.2
Miscellaneous receipts .....		3291-811	12/80	114.5	114.6	114.9	1.6	.3
Resales .....		3291-831	12/80	122.9	123.4	123.4	3.8	0
Secondary products .....		3291-SM						
Secondary products .....		3291-M	12/80	159.8	164.7	164.7	4.6	0
Secondary products .....		3291-Z89	12/80	159.8	164.7	164.7	4.6	0
Secondary products .....		3291-S	12/80	130.0	130.4	130.4	3.9	0
Asbestos products .....	3292							
Primary products .....		3292-P	12/85	106.0	106.3	107.5	-5.9	1.1
Asbestos friction materials .....								
Molded brake linings containing asbestos, including all nonwoven types .....		3292-2	12/85	103.0	103.1	104.5	-8.2	1.4
Asbestos disc brake pads .....		3292-215	12/85	103.3	103.3	103.3	1.1	0
Secondary products and miscellaneous receipts .....		3292-221	12/85	101.1	101.1	101.1	1.8	0
Secondary products .....		3292-SM						
Secondary products .....		3292-S	12/85	108.2	109.7	109.7	2.5	0
Gaskets, packing, and sealing devices .....	3293							
Primary products .....		3293-P	12/85	106.9	108.4	108.2	3.3	-2
Primary products .....			12/85	107.3	108.8	108.5	3.3	-3

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Gaskets, packing, and sealing devices—Continued								
Gaskets and gasketing materials .....		3293-2	12/85	109.6	111.4	110.7	4.8	-0.6
Asbestos, compressed (all types of binders) .....		3293-213	12/85	98.4	98.4	98.4	0	0
Cork and cork rubber .....		3293-221	12/85	106.6	108.2	108.2	3.2	0
Rubber (elastomeric) .....		3293-231	12/85	111.1	112.1	111.8	7.6	-3
Metallic .....		3293-251	12/85	120.5	123.4	123.4	7.4	0
Other nonmetallic gaskets, including fluorocarbon gaskets and sheets		3293-298	12/85	101.0	101.0	101.0	.6	0
Packing and sealing devices .....		3293-3	12/85	105.8	107.0	107.0	2.4	0
Packing and seals, rubber .....		3293-311	12/85	104.9	106.0	106.0	1.4	0
Oil and grease seals, radial lip type .....		3293-31121	12/85	100.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Lip-type molded packing, single and multiple units (flange, cup, U-ring, V-ring, etc.) .....		3293-31131	12/85	111.2	118.6	118.6	6.7	0
All other molded packing and seals .....		3293-31139	12/85	107.2	107.2	107.2	1.2	0
Plastics packing and seals, including o-rings .....		3293-341	12/85	100.5	100.5	100.5	.5	0
Packing, except leather, rubber, metal, and plastics .....		3293-362	12/85	113.1	113.9	114.3	6.1	.4
Compression packing for sealing, moving and nonmoving parts .....		3293-36261	12/85	110.2	110.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other packing and seals .....		3293-36269	12/85	114.5	115.8	116.3	9.3	.4
Axial mechanical seals .....		3293-371	12/85	102.9	105.3	105.3	2.3	0
Secondary products and miscellaneous receipts .....		3293-SM						
Miscellaneous receipts .....		3293-M	12/85	104.0	107.9	107.9	3.8	0
Secondary products .....		3293-S	12/85	103.8	103.8	104.4	3.6	.6
Minerals and earths ground or treated .....								
Primary products .....	3295	3295-P	06/85	108.3	109.1	108.9	4.3	-2
Minerals and earths ground or treated .....		3295-1	06/85	110.5	111.5	111.3	5.0	-2
Lightweight aggregate, expanded clay, slag, perlite, haydite, pumice and diatomaceous earth .....		3295-111	06/85	104.3	104.3	104.3	-6	0
Slag, including crushed and ground .....		3295-131	06/85	104.2	104.0	103.6	-6	-4
Natural graphite, ground, refined or blended .....		3295-181	06/85	102.7	103.3	103.3	4.0	0
Clay, including ground crude fire clay, high alumina clay, and silica fire clay .....		3295-184	06/85	111.9	112.2	112.2	3.8	0
Other minerals and earths, ground or treated, incl. feldspar, roof granules and barite .....		3295-198	06/85	116.8	118.7	118.4	9.7	-3
Secondary products and miscellaneous receipts .....		3295-SM						
Secondary products .....		3295-S	06/85	101.4	101.4	101.4	.5	0
Mineral wool .....								
Primary products .....	3296	3296-P	12/81	105.6	106.4	106.7	.8	.3
Mineral wool for structural insulation .....		3296-1	12/81	91.7	91.8	92.5	.7	.8
Loose fiber and granulated fiber .....		3296-111	12/81	90.7	90.7	90.7	-2.2	0
Mineral wool for industrial, equipment, and appliance insulation .....		3296-2	12/81	130.0	132.5	131.8	.6	-5
Blankets (flexible) including fabricated pieces, rolls, and batts .....		3296-235	12/81	144.5	144.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Faced and metal meshed .....		3296-23536	10/82	141.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Acoustical, including pads, boards, patches, etc. ....		3296-283	04/82	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other mineral wool for industrial, equipment, and appliance insulation .....		3296-298	12/81	125.5	129.3	129.3	1.1	0
Nonclay refractories .....								
Primary products .....	3297	3297-P	12/85	107.6	108.6	108.6	5.7	0
Bricks and shapes .....		3297-1	12/85	107.8	109.0	109.0	6.2	0
Magnesite and magnesite-chrome bricks and shapes .....		3297-112	12/85	107.1	108.1	108.1	6.0	0
Other, including basic pouring pit refractories .....		3297-11213	12/85	103.8	104.2	104.2	3.8	0
Mullite bricks and shapes, made predominantly of fused or synthetic mullite .....		3297-115	12/85	104.1	104.7	104.7	4.4	0
Extra-high alumina bricks & shapes, made predominantly of fused and synthetic aluminas .....		3297-116	12/85	112.5	113.4	113.4	7.0	0
All other bricks and shapes, including dolomite, dolomite-magnesite and carbon refractories .....		3297-121	12/85	111.2	111.8	111.8	7.2	.0
Plastic refractories & ramming mixes, wet & dry, and castables of nonhydraulic setting type .....		3297-4	12/85	116.5	117.8	117.8	12.2	0
Basic castables, plastics and ramming mixes (wet and dry types) .....		3297-411	12/85	118.3	118.3	118.3	11.2	0
Gunning mixes, basic and other .....		3297-5	12/85	116.1	116.1	116.1	10.2	0
Other nonclay refractory materials in lump or ground form .....		3297-6	12/85	104.0	106.1	106.1	4.9	0
All other domestic shipments as refractory raw materials .....		3297-612	12/85	106.3	106.8	106.8	5.1	0
Secondary products and miscellaneous receipts .....		3297-SM						
Secondary products .....		3297-S	12/85	104.3	104.3	104.3	4.3	0
Nonmetallic mineral products, n.e.c. ....								
Primary products .....	3299	3299-P	12/85	106.8	106.5	107.0	2.8	.5
Statuary and art goods (factory made) .....		3299-2	12/85	106.5	107.3	106.0	6.2	-1.2
Other nonmetallic mineral products .....		3299-3	12/85	104.2	105.1	103.8	4.3	-1.2
Secondary products and miscellaneous receipts .....		3299-SM						
Secondary products .....		3299-S	12/85	107.7	108.5	108.5	1.8	0
			12/85	103.3	103.9	102.1	3.5	-1.7
			12/85	125.1	125.3	124.7	21.8	-5

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Primary metal industries .....	33		12/84	119.6	119.6	119.3	7.1	-0.3
Blast furnaces, steel works, and rolling and finishing mills .....	331		12/84	108.2	109.0	109.0	3.8	0
Blast furnaces and steel mills .....	3312		06/82	112.8	113.4	113.2	3.5	-2
Primary products .....		3312-P	06/82	112.4	113.3	113.1	3.7	-2
Open die or smith forgings (hammer or press), ferrous .....		3312-B	06/82	97.3	90.5	97.7	12.4	8.0
Alloy steel, excluding stainless and hi-temp .....		3312-B63	06/82	91.9	92.2	92.4	4.3	.2
Other steel mill products, except wire products .....		3312-C	06/82	106.3	110.3	110.2	4.0	-1
Coke oven and blast furnace products .....		3312-1	06/82	88.9	89.6	90.3	3.3	.8
Coke oven products .....		3312-1A	06/82	85.0	84.7	87.0	7.1	2.7
Coke, except screenings and breeze .....		3312-111	06/82	86.3	86.9	89.7	10.2	3.2
Furnace coke .....		3312-11111	06/82	82.3	82.3	85.0	8.6	3.3
Screenings and breeze .....		3312-112	06/82	96.8	105.0	100.2	8.9	-4.6
Blast furnace products .....		3312-1B	06/82	( <sup>3</sup> )	102.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Steel ingots and semifinished shapes and forms .....		3312-2	06/82	111.8	114.3	113.9	4.6	-3
Semifinished products (excluding wire rods), carbon .....		3312-213						
Billets, carbon .....		3312-21311	06/82	112.7	112.7	112.7	4.1	0
Wire rods, carbon .....		3312-219	06/82	107.3	108.3	109.6	5.2	1.2
Semifinished products (excluding wire rods), alloy .....		3312-236	06/82	107.9	108.0	107.7	-2	-3
Billets, alloy .....		3312-23611	06/82	96.1	96.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Semifinished products (excluding wire rods), stainless .....		3312-256	06/82	133.1	163.6	155.8	14.0	-4.8
Wire rods, stainless .....		3312-259	06/82	135.2	158.9	152.4	17.2	-4.1
Tin mill products, h.r. sheets and strip (incl. metallic coated and electrical) .....		3312-3	06/82	121.6	122.3	122.2	4.7	-1
Sheets, h.r., carbon .....		3312-311	06/82	114.3	115.0	114.6	3.1	-3
Sheets and strip, hot dipped galvanized, carbon .....		3312-313	06/82	126.0	129.1	129.3	7.3	.2
Sheets and strip, electrolytic galvanized, carbon .....		3312-315	06/82	118.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other metallic coated sheets and strip, carbon .....		3312-317	06/82	116.3	118.6	118.4	3.1	-2
Strip, h.r., carbon .....		3312-319	06/82	113.0	113.0	113.0	2.2	0
Blackplate .....		3312-324	06/82	140.7	140.7	140.7	7.0	0
Tinplate .....		3312-326	06/82	132.3	131.4	131.6	6.2	.2
Tin free steel .....		3312-328	06/82	134.7	( <sup>3</sup> )	132.6	3.8	( <sup>3</sup> )
Sheets, h.r., alloy .....		3312-331	06/82	122.7	122.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Hot rolled bars, plates and structural shapes .....		3312-4	06/82	111.5	112.6	111.7	2.2	-8
Plates (other than floor plates), carbon .....		3312-413	06/82	106.8	106.8	106.8	.9	0
Heavy structural shapes, carbon .....		3312-41511	06/82	107.2	109.4	107.6	-8	-1.6
Bars, h.r., carbon .....		3312-422	06/82	112.7	112.8	111.1	3.1	-1.5
Bars, h.r., carbon, merchant quality .....		3312-42211	06/82	114.3	114.5	111.6	.2	-2.5
Bars, h.r., carbon, special quality .....		3312-42212	06/82	111.2	111.2	110.7	5.9	-4
Bars, light structurals, carbon .....		3312-424	06/82	113.2	114.7	114.7	1.7	0
Concrete reinforcing bars, carbon .....		3312-425	06/82	116.3	117.0	116.7	3.8	-3
Plates, alloy .....		3312-431	06/82	99.7	99.7	99.7	.7	0
Heavy structural shapes, alloy .....		3312-435	06/82	106.0	106.0	106.0	0	0
Bars, h.r. (including light structurals), alloy .....		3312-441	06/82	119.5	120.8	120.1	3.0	-6
Tool steel, high speed, alloy .....		3312-448	06/82	109.0	109.6	109.5	12.3	-1
Tool steel, other than high speed, alloy .....		3312-449	06/82	122.7	124.4	124.4	9.4	0
Plates, stainless .....		3312-453	06/82	150.7	170.8	166.4	10.6	-2.6
Bars, h.r., stainless .....		3312-461	06/82	133.8	142.9	140.9	2.8	-1.4
Steel wire .....		3312-5	06/82	102.8	104.3	104.1	1.1	-2
Carbon wire .....		3312-5A	06/82	98.4	98.4	98.7	0	.3
Plain wire, carbon .....		3312-511	06/82	97.7	97.7	98.0	-2	.3
Galvanized wire, carbon .....		3312-515	06/82	101.8	( <sup>3</sup> )	102.0	.6	( <sup>3</sup> )
Stainless wire .....		3312-551	06/82	138.1	150.9	147.2	7.4	-2.5
Steel pipe and tubes .....		3312-6	06/82	92.3	92.7	92.7	1.3	0
Pipe and oil country tubular goods, carbon .....		3312-6A	06/82	94.4	94.9	94.9	.9	0
Standard pipe, carbon .....		3312-611	06/82	104.4	104.4	104.4	5.6	0
Oil country tubular goods, carbon .....		3312-619	06/82	89.8	89.8	89.8	.8	0
Casing (OCTG), carbon .....		3312-61911	06/82	88.8	88.8	88.8	1.0	0
Mechanical tubing, carbon .....		3312-6C	06/82	94.0	94.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Pipe and tubing, alloy .....		3312-6E	06/82	80.5	80.5	80.5	1.9	0
Oil country tubular goods, alloy .....		3312-633	06/82	70.7	70.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Casing (OCTG), alloy .....		3312-63311	06/82	70.8	70.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Cold rolled sheets and strip (excl. metallic coated and electrical) .....		3312-7	06/82	119.5	119.5	119.5	3.9	0
Sheets, c.r., carbon .....		3312-711	06/82	119.8	119.8	119.8	4.0	0
Cold finished bars .....		3312-8	06/82	109.1	112.0	110.8	1.5	-1.1
Bars, c.f., stainless .....		3312-851	06/82	117.9	124.0	122.3	3.6	-1.4
Bars, c.f., stainless, 300 series .....		3312-85111	06/82	119.7	128.8	127.0	5.0	-1.4
Secondary products and miscellaneous receipts .....		3312-SM						
Miscellaneous receipts .....		3312-M	06/82	90.7	90.6	89.6	-1.5	-1.1
Contract work and other miscellaneous receipts .....		3312-XY9	06/82	102.3	102.3	101.2	-1.5	-1.1
Secondary products .....		3312-S	06/82	109.1	108.4	108.6	2.6	.2
Other secondary products .....		3312-SSS	06/82	121.2	120.8	119.9	2.0	-7
Steel wire products .....		3315-S	06/82	103.7	( <sup>3</sup> )	104.0	4.3	( <sup>3</sup> )
Electrometallurgical products .....	3313		06/83	150.0	154.2	165.3	32.9	7.2
Primary products .....		3313-P	06/83	152.3	156.9	169.0	35.4	7.7
Ferrosilicon .....		3313-3	06/83	140.0	146.3	147.1	( <sup>3</sup> )	.5
Other ferroalloys and products made in electric and other furnaces, except blast furnaces .....		3313-4	06/83	177.8	180.1	203.8	71.3	13.2

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Electrometallurgical products—Continued</b>								
Ferromolybdenum .....		3313-451	12/88	100.0	101.3	101.7	( <sup>3</sup> )	0.4
Other ferroalloys .....		3313-469	12/88	108.3	108.3	121.7	( <sup>3</sup> )	12.4
Other products made in electric and other furnaces, except blast furnaces .....		3313-498	06/83	110.8	110.2	110.6	6.6	.4
<b>Steel wire and related products - m fpm</b>								
3315			06/82	108.7	110.1	110.2	4.0	.1
Primary products .....		3315-P	06/82	106.9	108.4	108.6	3.6	.2
Noninsulated ferrous wire rope, cable and strand .....		3315-1	06/82	110.7	113.9	113.9	7.7	0
Wire rope and cable .....		3315-111	06/82	113.0	116.3	116.3	8.3	0
Steel nails and spikes .....		3315-2	06/82	106.9	106.9	107.9	1.6	.9
Steel wire nails .....		3315-2A	06/82	108.6	107.6	109.7	4.4	2.0
Bright nails .....		3315-211	06/82	106.2	107.5	108.9	2.8	1.3
Galvanized nails .....		3315-213	06/82	101.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wire staples and tacks, cut nails and spikes .....		3315-2B	06/82	105.7	106.4	106.7	-.3	.3
Steel wire staples .....		3315-223	06/82	105.2	106.0	106.3	-.3	.3
Steel wire .....		3315-5	06/82	102.0	104.2	103.3	4.0	-.9
Carbon wire .....		3315-5A	06/82	98.6	100.1	99.3	1.6	-.8
Plain wire, carbon .....		3315-511	06/82	96.9	98.6	98.8	1.2	.2
Other coated wire, carbon .....		3315-519	06/82	103.6	105.1	102.1	-.4	-2.9
Stainless wire .....		3315-551	06/82	132.5	141.2	139.0	24.8	-1.6
Other fabricated ferrous wire products .....		3315-9	06/82	106.2	106.2	108.0	1.4	1.7
Welded steel wire fabric .....		3315-96	06/82	101.0	101.1	103.0	-.5	1.9
Welded steel wire fabric (concrete reinforcing mesh) .....		3315-961	06/82	101.7	101.6	103.7	-.9	2.1
Other wire products .....		3315-998	06/82	136.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3315-SM						
Secondary products .....		3315-S	06/82	125.9	127.0	127.1	1.9	.1
<b>Cold finishing of steel shapes - m fpm</b>								
3316			06/82	116.7	118.8	118.9	4.3	.1
Primary products .....		3316-P	06/82	117.1	119.3	119.4	4.3	.1
Cold rolled sheets and strip .....		3316-2	06/82	128.0	131.2	130.7	4.7	-.4
Strip, c.f., carbon .....		3316-715	06/82	124.9	125.4	125.6	.2	.2
Cold finished bars .....		3316-8	06/82	100.6	101.1	101.1	2.0	0
Bars, c.f., carbon .....		3316-811	06/82	102.2	102.6	102.6	1.9	0
Bars, c.f., alloy .....		3316-831	06/82	90.5	92.0	92.0	3.6	0
Secondary products and miscellaneous receipts .....		3316-SM						
<b>Steel pipe and tubes - m fpm</b>								
3317			06/82	110.4	112.3	112.1	4.5	-.2
Primary products .....		3317-P	06/82	109.6	111.8	111.2	4.6	-.5
Steel pipe and tubes .....		3317-6	06/82	109.6	111.8	111.2	4.6	-.5
Pipe and oil country tubular goods, carbon .....		3317-6A	06/82	112.3	113.7	113.7	13.5	0
Standard pipe, carbon .....		3317-611	06/82	110.7	114.0	114.0	10.6	0
Line pipe, carbon .....		3317-612	06/82	96.1	96.7	96.7	9.0	0
Pressure tubing, carbon .....		3317-6B	06/82	112.0	113.0	113.0	1.3	0
Pressure tubing, seamless, carbon .....		3317-621	06/82	100.3	100.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Pressure tubing, welded, carbon .....		3317-622	06/82	123.0	124.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Mechanical tubing, carbon .....		3317-6C	06/82	108.3	110.2	110.6	2.2	.4
Mechanical tubing, welded, carbon .....		3317-624	06/82	116.1	118.5	119.0	2.6	.4
Structural pipe and tubing, carbon .....		3317-627	06/82	122.6	122.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Pipe and tubing, alloy .....		3317-6E	06/82	101.9	105.3	103.2	9.3	-2.0
Other pipe and tubing (including standard pipe), stainless .....		3317-669	06/82	148.5	161.4	162.5	29.6	.7
Secondary products and miscellaneous receipts .....		3317-SM						
Secondary products .....		3317-S	06/82	113.9	111.3	115.4	2.1	3.7
<b>Iron and steel foundries</b>								
332			12/84	106.8	107.8	108.0	3.3	.2
<b>Gray iron foundries</b>								
3321			12/80	119.7	120.0	120.1	1.7	.1
Primary products .....		3321-P	12/80	118.9	119.2	119.3	1.6	.1
Cast iron pressure and soil pipe and fittings .....		3321-1	12/80	127.8	128.5	128.5	1.9	0
Pressure pipe and fittings, ductile iron .....		3321-111	12/80	111.8	111.8	111.8	0	0
Pressure pipe, ductile iron .....		3321-11101	06/86	105.4	105.4	105.4	0	0
Pressure pipe fittings, ductile iron .....		3321-11102	06/86	99.9	99.9	99.9	0	0
Pressure pipe and fittings, gray iron .....		3321-121	12/80	123.8	125.2	125.2	4.4	0
Pressure pipe fittings, gray iron .....		3321-12102	06/86	107.8	109.1	109.1	4.5	0
Soil pipe and fittings, gray iron .....		3321-131	12/80	171.1	173.3	173.3	3.8	0
Soil pipe, gray iron .....		3321-13101	06/86	103.0	108.1	108.1	3.0	0
Other ductile iron castings .....		3321-2	06/86	99.1	100.0	99.7	1.5	-.3
Automotive uses .....		3321-222	06/86	99.8	101.0	100.5	.8	-.5
Passenger cars .....		3321-22201	12/80	118.8	120.6	119.9	1.1	-.6
All other automotive uses .....		3321-22202	12/80	99.6	99.6	99.6	-.1	0
Machinery uses .....		3321-233	06/86	102.5	102.4	102.3	3.0	-.1
All other uses .....		3321-239	06/86	98.7	99.2	99.2	2.1	0
Other gray iron castings .....		3321-4	06/86	102.8	102.9	103.1	1.7	.2
Molds and stools for heavy steel ingots .....		3321-429	12/80	102.5	102.5	102.5	-.3	0
Automotive uses .....		3321-439	06/86	101.1	101.4	101.5	1.3	.1
Passenger cars .....		3321-43901	12/80	114.9	115.1	115.1	.4	0
All other automotive uses .....		3321-43902	12/80	121.2	121.8	122.3	3.9	.4
Construction and utility uses .....		3321-449	06/86	105.1	103.7	104.4	.2	.7
All other uses .....		3321-498	06/86	106.8	107.0	107.3	3.2	.3
Secondary products and miscellaneous receipts .....		3321-SM						
Secondary products .....		3321-S	12/80	121.2	122.0	122.0	3.9	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Malleable iron foundries .....	3322		06/81	110.8	109.6	109.6	0.8	0
Primary products .....		3322-P	06/81	110.7	109.6	109.6	.6	0
Standard malleable iron castings .....		3322-131	06/81	115.5	117.3	117.3	4.0	0
Secondary products and miscellaneous receipts .....		3322-SM						
Secondary products .....		3322-S	06/81	109.8	109.0	109.0	2.5	0
Steel investment foundries .....	3324		06/81	151.8	156.9	159.2	7.5	1.5
Primary products .....		3324-P	06/81	150.0	155.7	157.2	7.0	1.0
Carbon and low alloy steel investment castings .....		3324-163	06/81	141.0	141.0	141.0	-3.1	0
High alloy steel investment castings, including stainless steel .....		3324-165	06/81	152.0	159.1	160.9	9.3	1.1
Secondary products and miscellaneous receipts .....		3324-SM						
Secondary products .....		3324-S	06/81	182.1	182.3	194.7	15.2	6.8
Steel foundries, n.e.c. ....	3325		06/81	115.0	116.9	116.6	5.7	-3
Primary products .....		3325-P	06/81	116.9	119.1	118.7	6.7	-3
Carbon steel castings, except investment .....		3325-2	06/81	112.2	114.1	114.0	6.1	-1
Railroad wheels and specialties .....		3325-214	06/81	106.5	106.7	106.7	10.6	0
All other carbon steel castings, including rolls for rolling mills .....		3325-219	06/81	115.3	118.2	118.0	4.1	-2
High alloy steel castings .....		3325-4	06/81	127.1	129.8	129.8	10.5	0
High alloy steel castings, including high manganese and stainless steel .....		3325-431	06/81	128.0	130.8	130.8	10.5	0
Low alloy steel castings .....		3325-5	06/81	121.6	124.2	123.1	5.8	-9
Railway specialties and rolls for rolling mills .....		3325-551	06/81	125.0	126.1	122.8	4.1	-2.6
All other low alloy steel castings .....		3325-559	06/81	118.6	121.7	121.6	6.6	-1
Secondary products and miscellaneous receipts .....		3325-SM						
Secondary products .....		3325-S	06/81	100.7	99.9	99.9	-2.1	0
Primary smelting and refining of nonferrous metals .....	333		12/80	148.1	143.5	137.6	11.2	-4.1
Primary copper .....	3331		06/80	188.2	175.7	161.9	32.1	-7.9
Primary products .....		3331-P	06/80	189.3	175.9	163.7	35.3	-6.9
Smelted copper .....		3331-1						
Refined copper .....		3331-2	06/80	172.0	165.2	147.8	22.1	-10.5
Copper cathode .....		3331-217	06/80	173.0	167.4	148.8	21.2	-11.1
Other refined copper .....		3331-226	12/87	114.8	108.3	98.3	24.9	-9.2
Primary aluminum .....	3334		06/80	162.6	158.2	152.9	-1.4	-3.4
Primary products .....		3334-P	06/80	166.1	162.4	156.7	-1.1	-3.5
Primary aluminum, except extrusion billet .....		3334-7	06/80	163.2	160.0	155.4	-3	-2.9
Aluminum ingot, unalloyed .....		3334-71111	06/80	169.8	164.4	164.2	2.9	-1
Other primary aluminum, except extrusion billet .....		3334-71113	06/80	114.7	115.7	118.8	( <sup>3</sup> )	2.7
Aluminum extrusion billet .....		3334-8	06/80	( <sup>3</sup> )	( <sup>3</sup> )	161.8	-7.0	( <sup>3</sup> )
Primary nonferrous metals, n.e.c. ....	3339		06/80	118.6	119.6	118.9	14.2	-6
Primary products .....		3339-P	06/80	126.4	128.3	127.3	12.1	-8
Other nonferrous metals .....		3339-7	06/80	122.3	123.3	123.7	( <sup>3</sup> )	.3
Other nonferrous metals, unalloyed .....		3339-791	06/88	114.5	114.5	117.5	( <sup>3</sup> )	2.6
Secondary products and miscellaneous receipts .....		3339-SM						
Secondary products .....		3339-S	06/80	71.1	68.7	68.7	( <sup>3</sup> )	0
Secondary nonferrous metals .....	3341		06/80	106.8	104.0	103.2	2.8	-8
Primary products .....		3341-P	06/80	106.6	103.4	103.4	4.7	.0
Copper .....		3341-2	06/80	109.8	104.0	108.3	27.6	4.1
Copper, unalloyed .....		3341-211	06/88	132.0	( <sup>3</sup> )	118.7	( <sup>3</sup> )	( <sup>3</sup> )
Copper, alloyed .....		3341-231	06/80	108.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Brass ingot, alloyed .....		3341-23111	06/80	98.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Lead .....		3341-3	06/80	108.4	96.3	97.8	9.8	1.6
Lead, unalloyed .....		3341-311	06/80	128.3	109.8	110.9	( <sup>3</sup> )	1.0
Antimonial lead .....		3341-321	06/80	105.4	92.1	94.2	9.5	2.3
Zinc .....		3341-4	06/80	183.1	198.5	188.6	34.8	-5.0
Zinc base alloys .....		3341-411	06/80	180.4	195.5	185.8	37.5	-5.0
Precious metals .....		3341-5	06/80	57.2	54.8	53.5	( <sup>3</sup> )	-2.4
Gold .....		3341-515	06/88	90.6	86.2	84.3	( <sup>3</sup> )	-2.2
Silver .....		3341-525	06/88	90.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other nonferrous metals .....		3341-6	06/80	77.4	92.5	93.5	( <sup>3</sup> )	1.1
Aluminum .....		3341-7	06/80	138.0	135.4	134.5	-2.0	-7
Ingot for die casting .....		3341-715	06/88	98.3	95.2	94.7	( <sup>3</sup> )	-5
Other aluminum .....		3341-745	06/88	104.6	103.6	103.1	( <sup>3</sup> )	-5
Secondary products and miscellaneous receipts .....		3341-SM						
Miscellaneous receipts .....		3341-M	06/80	117.8	118.6	112.7	-3.6	-5.0
Sales of nonferrous scrap .....		3341-X16	06/88	103.7	105.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Contract toll work .....		3341-Y85	06/80	93.6	91.7	90.8	( <sup>3</sup> )	-1.0
Rolling, drawing and extruding of nonferrous metals .....	335		12/84	140.9	139.8	139.0	13.3	-6
Rolling, drawing and extruding of copper .....	3351		12/80	165.7	160.9	157.8	20.6	-1.9
Primary products .....		3351-P	12/80	171.1	168.2	163.2	20.4	-3.0
Copper and copper-base alloy wire .....		3351-1	12/80	170.5	159.2	160.8	18.8	1.0
Alloyed .....		3351-131	12/80	139.3	( <sup>3</sup> )	137.1	( <sup>3</sup> )	( <sup>3</sup> )
Bare .....		3351-13114	12/80	148.4	( <sup>3</sup> )	146.0	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Rolling, drawing and extruding of copper—Continued</b>								
Copper and copper-base alloy rod, bar and shapes .....		3351-3	12/80	173.2	177.2	176.2	28.1	-0.6
Unalloyed copper bars, shapes and non-electrical rod .....		3351-311	12/80	181.9	174.6	172.8	29.1	-1.0
Rod .....		3351-31115	12/80	181.4	173.8	174.6	32.4	.5
Bars and shapes .....		3351-31118	12/86	185.3	178.7	167.6	18.4	-6.2
Copper-base alloy rod, bar and shapes .....		3351-332	12/80	170.7	183.7	183.3	27.4	-2
Rod .....		3351-33218	12/80	164.2	178.2	178.6	29.5	.2
Copper and copper-base alloy sheet, strip and plate .....		3351-4	12/80	176.7	176.6	166.5	21.3	-5.7
Unalloyed copper flat products .....		3351-413	12/80	182.8	179.6	167.0	17.1	-7.0
Strip .....		3351-41322	12/80	177.4	174.4	161.6	15.0	-7.3
Copper-base alloy flat products .....		3351-435	12/80	174.4	175.3	166.1	22.8	-5.2
Strip .....		3351-43526	12/80	172.2	173.6	164.6	23.9	-5.2
Copper and copper-base alloy pipe and tube .....		3351-5	12/80	163.8	154.7	147.6	12.1	-4.6
Unalloyed pipe and tube, non-plumbing .....		3351-518	12/80	149.5	144.3	133.0	10.4	-7.8
Copper-base alloy pipe and tube, non-plumbing .....		3351-538	12/80	159.3	156.4	148.8	13.7	-4.9
Secondary products and miscellaneous receipts .....		3351-SM						
Secondary products .....		3351-S	12/80	124.1	110.7	116.4	9.9	5.1
<b>Aluminum sheet, plate, foil and welded tube products .....</b>								
Primary products .....	3353		06/81	136.0	134.9	133.6	4.4	-1.0
Aluminum plate .....		3353-P	06/81	139.0	138.2	136.3	3.7	-1.4
Heat-treatable .....		3353-1	06/81	141.4	145.1	148.0	17.6	2.0
Aluminum sheet .....		3353-113	06/81	152.8	156.8	161.2	21.8	2.8
Aluminum sheet .....		3353-2	06/81	138.6	138.0	135.6	2.4	-1.7
Coiled, nonheat-treatable, bare .....		3353-231	06/81	138.7	136.7	133.8	.8	-2.1
Coiled, nonheat-treatable, bare, all others .....		3353-23115	06/81	155.7	143.6	140.6	-3.2	-2.1
Aluminum foil .....		3353-3						
Plain aluminum foil (under .006 in.) .....		3353-351	06/81	141.4	136.4	136.2	8.6	-.1
<b>Aluminum extruded products .....</b>								
Primary products .....	3354		12/81	143.4	142.9	142.3	6.9	-.4
Extruded aluminum rod, bar, and other extruded shapes except tube .....		3354-P	12/81	147.4	146.9	146.2	8.3	-.5
Extruded rod and bar with alloys other than 2000 and 7000 series .....		3354-1	12/81	149.7	149.3	148.5	8.6	-.5
Rod .....		3354-115	12/81	164.9	160.0	159.2	15.7	-.5
Rod .....		3354-11511	12/81	153.0	148.5	146.9	-.6	-1.1
Bar .....		3354-11512	12/81	174.0	168.9	168.9	32.4	0
Other extruded shapes except tube, with alloys other than 2000 and 7000 series .....		3354-125	12/81	143.7	142.9	142.3	4.3	-.4
Other extruded shapes, circle size 1 to, not including 2 .....		3354-12501	12/81	150.4	150.4	150.4	5.3	0
Other extruded shapes, circle size 2 to, not including 3 .....		3354-12502	12/81	141.3	140.3	139.8	6.5	-.4
Other extruded shapes, circle size 3 to, not including 4 .....		3354-12503	12/81	138.9	137.7	137.1	1.0	-.4
Other extruded shapes, circle size 4 to, not including 5 .....		3354-12504	12/81	144.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other extruded shapes, circle size 5 to, not including 6 .....		3354-12505	12/81	128.0	128.0	128.0	2.3	0
Other extruded shapes, circle size 6 to, not including 10 .....		3354-12506	12/81	164.3	160.2	158.7	4.1	-.9
Other extruded shapes, circle size 10 and over .....		3354-12512	06/87	135.4	134.5	133.6	5.0	-.7
Other extruded shapes except tube, with alloys within 2000 and 7000 series .....		3354-128	12/81	132.5	129.8	128.9	1.2	-.7
Other extruded shapes, circle sizes 1 to, not including 5 .....		3354-12801	12/81	128.5	127.2	127.0	.3	-.2
Aluminum extruded pipe .....		3354-139	06/87	137.4	137.9	136.8	9.9	-.8
Extruded pipe with alloys other than 2000 and 7000 series .....		3354-13911	12/81	143.4	145.4	143.8	11.6	-1.1
Aluminum extruded and drawn tube .....		3354-2	12/81	136.6	136.2	135.8	6.5	-.3
Extruded tube, 6000 series .....		3354-251	12/81	133.1	132.2	131.8	7.9	-.3
Drawn tube, 6000 series .....		3354-253	12/81	138.5	139.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3354-SM						
Secondary products .....		3354-S	12/81	118.6	117.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Aluminum rolling and drawing, n.e.c. ....</b>								
Primary products .....	3355		06/81	134.6	135.1	139.9	6.6	3.6
Aluminum and aluminum-base alloy wire and cable .....		3355-P	06/81	132.5	131.9	135.5	6.5	2.7
Aluminum and aluminum-base alloy wire and cable .....		3355-1	06/81	110.8	( <sup>3</sup> )	115.3	-.8	( <sup>3</sup> )
<b>Rolling, drawing and extruding of nonferrous metals, except copper and aluminum .....</b>								
Primary Products .....	3356		06/82	131.2	133.4	131.6	1.9	-1.3
Nickel and nickel-base alloy mill shapes .....		3356-P	06/82	133.9	137.6	135.6	4.7	-1.5
Rod, bar, and other nickel mill shapes, except wire .....		3356-1	06/82	179.9	186.2	183.5	23.7	-1.5
Rod, bar, and other nickel mill shapes, except wire .....		3356-169	02/85	196.1	198.5	196.4	17.9	-1.1
Titanium mill shapes .....		3356-2	06/82	86.5	100.1	100.1	27.4	0
Forging and extrusion billet .....		3356-274	06/82	87.6	102.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Plate, sheet and strip .....		3356-275	12/87	118.7	136.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other titanium mill shapes, except wire .....		3356-278	12/87	122.9	144.4	144.4	28.1	0
Precious metal mill shapes .....		3356-3	06/82	132.6	128.3	125.3	( <sup>3</sup> )	-2.3
Gold mill shapes .....		3356-382	06/82	135.5	129.7	126.9	( <sup>3</sup> )	-2.2
Sheet and plate .....		3356-38201	12/87	82.5	78.8	77.1	( <sup>3</sup> )	-2.2
Silver mill shapes .....		3356-384	06/82	( <sup>3</sup> )	119.5	116.3	( <sup>3</sup> )	-2.7
Other silver mill shapes, except wire .....		3356-38413	06/82	( <sup>3</sup> )	119.4	116.2	( <sup>3</sup> )	-2.7
Other nonferrous metal mill shapes .....		3356-9	06/82	118.7	125.2	124.3	8.8	-.7
Lead mill shapes .....		3356-954	12/87	103.4	113.2	117.8	17.6	4.1
Other lead mill shapes, except powder and wire .....		3356-95412	06/82	81.2	88.9	92.5	17.5	4.0
Zirconium mill shapes, except wire .....		3356-961	12/87	93.2	93.7	93.7	-7.5	0
Other nonferrous metal wire .....		3356-992	06/82	133.5	146.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3356-SM						
Secondary products .....		3356-S	06/82	134.3	133.3	134.8	3.6	1.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Nonferrous wire drawing and insulating .....	3357		12/82	155.9	154.6	155.0	25.4	0.3
Primary products .....		3357-P	12/82	160.0	157.8	158.4	26.3	.4
Aluminum and aluminum-base alloy bare wire and cable .....		3357-A						
Aluminum and aluminum-base alloy bare wire and cable .....		3357-A11	12/88	132.3	113.9	109.8	( <sup>3</sup> )	-3.6
Copper & copper-base alloy wire & cable for electrical transmission, incl. bare & tinned .....		3357-B						
Bare wire for electrical transmission .....		3357-B51	12/88	107.6	99.0	99.2	( <sup>3</sup> )	.2
Bare strand and cable for electrical transmission .....		3357-B71	12/88	95.5	99.7	100.8	( <sup>3</sup> )	1.1
Other bare nonferrous metal wire .....		3357-C						
Fiber optic cable .....		3357-E						
Fiber optic cable .....		3357-E11	12/88	100.4	100.3	100.2	( <sup>3</sup> )	-1
Electronic wire and cable .....		3357-1	12/82	132.5	135.5	136.2	14.6	.5
Coaxial cable, armored or unarmored .....		3357-115	12/82	144.5	146.9	148.5	14.1	1.1
Rigid and semirigid .....		3357-11501	12/88	100.5	102.0	103.6	( <sup>3</sup> )	1.6
Flexible .....		3357-11502	12/88	100.0	101.9	102.2	( <sup>3</sup> )	.3
Hook-up wire, shielded and nonshielded .....		3357-123	12/82	122.0	121.2	116.2	6.4	-4.1
Less than 135 C temperature rating .....		3357-12302	12/88	106.7	108.5	108.7	( <sup>3</sup> )	.2
Multiconductor electronic wire and cable, shielded and nonshielded .....		3357-125	12/82	133.4	139.5	141.8	19.1	1.6
Flat and ribbon cable .....		3357-12501	12/88	101.2	105.1	105.1	( <sup>3</sup> )	0
Multiconductor cable, excluding flat and ribbon .....		3357-12502	12/88	97.5	102.1	103.9	( <sup>3</sup> )	1.8
Other electronic wire and cable .....		3357-198	12/82	130.2	125.4	130.6	12.4	4.1
Telephone and telegraph wire and cable .....		3357-2	12/82	155.4	167.2	169.1	39.2	1.1
Inside wiring cable .....		3357-246	12/82	192.8	185.9	185.8	( <sup>3</sup> )	-1
Exchange area and toll telephone cable .....		3357-282	12/88	103.6	114.1	115.4	( <sup>3</sup> )	1.1
Thermoplastic insulated, polyethylene covered .....		3357-28202	10/86	144.4	159.1	160.8	35.9	1.1
Other telephone and telegraph wire and cable .....		3357-298	12/82	203.8	205.8	210.5	72.4	2.3
Control and signal wire and cable .....		3357-3	12/82	127.3	129.9	130.6	12.0	.5
Signal wire and cable .....		3357-311	12/82	142.1	142.1	142.1	( <sup>3</sup> )	0
Control wire and cable, excluding elevator cable .....		3357-312	12/82	119.4	122.7	123.6	10.0	.7
Building wire and cable with underwriters' labels .....		3357-4	12/82	195.0	171.5	171.0	25.1	-3
Thermoset insulated (R, RH, RHH, RHW, etc.) .....		3357-439	12/88	93.0	82.8	84.6	( <sup>3</sup> )	2.2
Thermoplastic insulated .....		3357-441	12/88	100.3	86.5	86.7	( <sup>3</sup> )	.2
Flame retardant nylon (THHN, THWN) .....		3357-44101	12/82	197.6	172.9	173.3	36.1	.2
Moisture and heat resistant (THW) .....		3357-44103	12/82	193.7	163.6	164.4	29.7	.5
Nonmetallic branch circuit underground feeder .....		3357-448	12/82	185.8	167.2	163.0	26.2	-2.5
Other building wire and cable .....		3357-458	12/82	168.9	153.2	152.2	33.2	-7
Apparatus wire and cordage .....		3357-6	12/82	126.5	126.1	132.4	18.4	5.0
Flexible cordage .....		3357-612	12/88	101.4	100.8	104.2	( <sup>3</sup> )	3.4
Thermoplastic insulated .....		3357-61202	12/82	104.1	105.0	104.7	5.9	-3
Power supply cord .....		3357-61204	12/88	99.5	101.4	101.4	( <sup>3</sup> )	0
Appliance fixture wire .....		3357-616	12/82	108.6	103.7	103.3	( <sup>3</sup> )	-4
Magnet wire .....		3357-7	12/82	157.2	151.5	152.4	19.4	.6
Film coated, 44 to 7 AWG and larger, class 155 .....		3357-704	12/88	( <sup>3</sup> )	94.2	95.1	( <sup>3</sup> )	1.0
Film coated, 44 to 7 AWG and larger, class 180 .....		3357-705	12/82	152.2	146.7	143.5	13.3	-2.2
Film coated, 44 to 7 AWG and larger, class 200 .....		3357-706	12/82	161.5	156.5	160.5	23.0	2.6
Power wire and cable .....		3357-8	12/82	140.8	139.9	137.4	13.7	-1.8
Plastic and rubber insulated, under 601 volts .....		3357-808	12/88	101.9	101.1	98.9	( <sup>3</sup> )	-2.2
Portable cord and cable .....		3357-80801	12/88	104.3	104.0	97.6	( <sup>3</sup> )	-6.2
Underground distribution cable .....		3357-80802	12/88	100.8	94.6	95.9	( <sup>3</sup> )	1.4
Thermoplastic and thermoset insulated cable .....		3357-80803	10/86	125.6	128.4	127.4	( <sup>3</sup> )	-8
Plastic and rubber insulated, 601 volts and higher .....		3357-831	12/88	101.6	101.6	99.6	( <sup>3</sup> )	-2.0
Thermoplastic and thermoset insulated cable .....		3357-83103	12/88	100.5	100.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other power wire and cable .....		3357-898	12/82	160.5	155.6	157.1	14.5	1.0
Other insulated wire and cable .....		3357-9	12/82	148.3	146.0	145.6	18.1	-3
Automotive insulated wire and cable .....		3357-901	12/82	165.5	155.0	153.8	18.0	-8
Airframe, shipboard, and ground support cable, except coaxial and ignition .....		3357-903	12/82	129.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other insulated or covered wire and cable .....		3357-998	12/82	120.0	122.8	122.8	13.3	0
Secondary products and miscellaneous receipts .....		3357-SM						
Secondary products .....		3357-S	12/82	159.4	176.6	172.6	31.7	-2.3
Nonferrous foundries (castings) .....	336		12/84	117.5	119.0	120.7	9.1	1.4
Aluminum foundries .....	3361		06/83	125.1	126.1	127.2	7.8	.9
Primary products .....		3361-P	06/83	125.0	125.0	126.0	7.0	.8
Aluminum and aluminum-base alloy die castings .....		3361-1	06/83	130.1	130.5	129.6	4.9	-7
Motor vehicle die castings .....		3361-111	06/83	129.9	130.4	128.1	5.6	-1.8
Die castings for passenger cars .....		3361-11111	06/83	130.4	130.9	128.4	6.0	-1.9
Die castings for other motor vehicles .....		3361-11112	06/83	125.7	126.3	125.6	2.3	-6
Aluminum and aluminum-base alloy die castings, other .....		3361-115	06/83	130.3	130.5	131.4	4.2	.7
Die castings for building and construction uses .....		3361-11511	06/83	139.9	140.2	144.0	9.2	2.7
Die castings for industrial machinery uses .....		3361-11512	06/83	122.6	122.7	122.6	.3	-1
Die castings for electrical uses .....		3361-11513	06/83	133.0	132.7	131.2	3.0	-1.1
Other die castings, n.e.c. .....		3361-11514	06/83	122.1	123.6	122.4	2.7	-1.0
Aluminum and aluminum-base alloy sand castings .....		3361-2	06/83	125.5	125.6	127.5	10.4	1.5
Motor vehicle sand castings .....		3361-211	06/83	119.9	119.7	123.5	15.1	3.2
Aluminum and aluminum-base alloy sand castings, other .....		3361-215	06/83	135.9	136.2	136.3	7.2	.1
Other sand castings, n.e.c. .....		3361-21514	06/83	125.9	126.0	126.5	6.6	.4
Aluminum and aluminum-base alloy permanent and semi-permanent mold castings .....		3361-3	06/83	118.3	118.2	122.8	11.5	3.9

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Aluminum foundries—Continued								
Motor vehicle permanent and semi-permanent mold castings .....		3361-311	06/83	119.5	119.3	119.4	9.0	0.1
Aluminum and aluminum-base alloy permanent and semi-permanent mold castings, other .....		3361-315	06/83	117.0	117.0	126.8	14.4	8.4
Other permanent and semi-permanent mold castings, n.e.c. ....		3361-31514	06/83	124.1	124.1	126.4	11.7	1.9
Secondary products and miscellaneous receipts .....		3361-SM						
Secondary products .....		3361-S	06/83	126.2	132.0	133.3	11.6	1.0
Brass, bronze and copper foundries .....	3362		06/83	122.8	125.0	126.5	8.9	1.2
Primary products .....		3362-P	06/83	121.1	123.8	124.9	9.5	.9
Copper and copper-base alloy sand castings .....		3362-1	06/83	120.1	123.6	123.9	7.7	.2
Copper and copper-base alloy sand castings .....		3362-111	06/83	120.1	123.6	123.9	7.7	.2
Other copper and copper-base alloy castings .....		3362-2	06/83	129.1	130.2	133.3	16.8	2.4
Other copper and copper-base alloy castings, n.e.c. ....		3362-214	06/83	127.6	128.6	131.7	16.9	2.4
Secondary products and miscellaneous receipts .....		3362-SM						
Secondary products .....		3362-S	06/83	131.0	131.2	134.2	7.0	2.3
Nonferrous foundries, n.e.c. ....	3369		06/83	127.0	130.2	135.4	14.0	4.0
Primary products .....		3369-P	06/83	125.4	129.5	133.8	15.1	3.3
Zinc and zinc-base alloy castings .....		3369-1	06/83	128.0	133.5	139.2	19.1	4.3
Zinc and zinc-base alloy die castings .....		3369-151	06/83	125.0	130.4	136.0	19.1	4.3
Motor vehicle die castings .....		3369-15111	06/83	114.0	115.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other die castings, n.e.c. ....		3369-15112	06/83	132.9	140.9	146.9	26.6	4.3
Other nonferrous castings, excluding aluminum and copper .....		3369-3	06/83	124.9	124.1	124.1	4.0	0
Other nonferrous castings and cast products, n.e.c. ....		3369-391	06/83	112.2	110.9	110.9	1.0	0
Secondary products and miscellaneous receipts .....		3369-SM						
Secondary products .....		3369-S	06/83	128.8	128.7	137.9	11.2	7.1
Miscellaneous primary metal products .....	339		06/85	116.1	116.2	116.1	3.5	-.1
Metal heat treating .....	3398		06/85	103.7	104.3	104.2	1.1	-.1
Primary products .....		3398-P	06/85	104.4	105.1	105.0	1.0	-.1
Metal heat treating services-South Central .....		3398-3	06/85	104.6	105.5	105.5	1.5	.0
Harden and temper .....		3398-331	06/85	107.9	108.9	108.9	2.3	0
Case hardening .....		3398-332	06/85	102.8	103.8	103.8	1.0	0
Other metal heat treating services .....		3398-333	06/85	100.0	100.8	100.8	.8	0
Metal heat treating services-Michigan .....		3398-4	06/85	100.4	99.9	99.9	-.8	0
Harden and temper .....		3398-441	06/85	100.0	100.0	100.0	0	0
Case hardening .....		3398-442	06/85	101.2	101.2	101.2	-.8	0
Metal heat treating services-North Central .....		3398-6	06/85	104.2	106.2	106.0	1.7	-.2
Harden and temper .....		3398-661	06/85	108.0	110.4	109.9	1.8	-.5
Case hardening .....		3398-662	06/85	100.2	102.6	102.6	2.4	0
Other metal heat treating services .....		3398-663	06/85	102.6	103.2	103.2	.6	0
Metal heat treating services-Pacific Coast .....		3398-7	06/85	106.1	106.9	106.9	.8	0
Harden and temper .....		3398-771	06/85	113.3	114.5	114.5	1.1	0
Other metal heat treating services .....		3398-773	06/85	102.3	102.3	102.3	0	0
Metal heat treating services-Southwest .....		3398-8	06/85	103.8	103.8	103.8	1.3	0
Case hardening .....		3398-882	06/85	105.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other metal heat treating services .....		3398-883	06/85	108.6	108.6	108.6	6.4	0
Secondary products and miscellaneous receipts .....		3398-SM						
Primary metal products, n.e.c. ....	3399		06/85	131.7	131.4	131.3	6.2	-.1
Primary products .....		3399-P	06/85	129.8	129.9	129.8	6.8	-.1
Metal powders, paste, and flakes .....		3399-1	06/85	133.1	133.1	133.2	7.8	.1
Aluminum and aluminum base alloy .....		3399-111	06/85	158.3	158.4	158.4	10.7	0
Copper and copper-base alloy .....		3399-133	06/85	138.1	136.7	138.5	21.5	1.3
Iron and steel .....		3399-155	06/85	116.7	116.9	116.4	5.1	-.4
Other nonferrous powders .....		3399-166	06/85	130.7	129.8	130.1	5.3	.2
Other nonferrous paste and flakes, n.e.c. ....		3399-198	06/85	102.9	102.9	102.9	2.3	0
Other primary metal products .....		3399-2	06/85	112.6	113.7	112.3	2.0	-1.2
Other primary metal products, n.e.c. ....		3399-298	06/85	112.8	114.2	112.4	1.5	-1.6
Secondary products and miscellaneous receipts .....		3399-SM						
Secondary products .....		3399-S	06/85	151.3	147.8	147.3	2.1	-.3
Fabricated metal products, except machinery and transportation equipment .....	34		12/84	110.6	112.0	112.4	5.0	.4
Metal cans and shipping containers .....	341		12/84	102.0	102.6	102.9	1.1	.3
Metal cans .....	3411		06/81	111.5	112.2	112.6	.9	.4
Primary products .....		3411-P	06/81	111.1	111.1	111.5	-.4	.4
Steel cans .....		3411-1	06/81	117.1	116.8	117.1	2.2	.3
Steel cans, food .....		3411-1B	06/81	122.1	121.8	122.2	1.3	.3
Fruit and fruit juice can .....		3411-117	06/81	131.7	132.2	132.0	-1.0	-.2
Vegetable and vegetable juice can .....		3411-119	06/81	113.0	112.1	113.0	2.8	.8
Can, other foods (including soups) .....		3411-131	06/81	132.0	132.0	132.0	-1.4	0
Steel cans, general packaging (including pet food) .....		3411-1C	06/81	119.2	119.0	119.2	4.0	.2
Paint and varnish can .....		3411-137	06/81	127.2	127.2	127.2	3.0	0
Aerosol can .....		3411-139	12/86	109.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Can, other non-food .....		3411-141	06/81	129.0	129.0	129.0	6.5	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Metal cans—Continued</b>								
Aluminum cans .....		3411-2	06/81	104.5	104.9	105.4	-2.1	0.5
Aluminum cans, beverage .....		3411-2A	06/81	104.3	104.8	105.3	-2.1	.5
Soft drink can .....		3411-211	06/81	107.1	107.8	107.5	-1.8	-3
Beer can .....		3411-213	06/81	102.0	102.1	103.9	-2.6	1.8
Metal can components (steel and aluminum) .....		3411-3	06/81	100.7	99.2	99.6	-13.0	.4
Metal can components (steel and aluminum) .....		3411-311	06/81	100.7	99.2	99.6	-13.0	.4
Secondary products and miscellaneous receipts .....		3411-SM						
Secondary products .....		3411-S	06/81	124.4	136.0	136.0	20.5	0
<b>Metal barrels, drums, and pails .....</b>	<b>3412</b>							
Primary products .....		3412-P	06/83	115.3	116.2	115.4	1.9	-7
Steel pails .....		3412-1	06/83	126.0	128.4	128.2	3.1	-2
11 1/4 in. dia.: full removable head .....		3412-121	08/83	136.1	139.9	139.9	4.7	0
All other diameters .....		3412-129	09/83	120.4	122.8	122.8	3.0	0
Steel shipping barrels and drums .....		3412-2	06/83	113.9	114.6	113.2	1.3	-1.2
All exc. 14-in. dia.: 18 gage & heavier: 50 gal. & over: tight head .....		3412-225	06/83	112.4	113.6	113.6	2.1	0
All exc. 14-in. dia.: 18 gage & heavier: 50 gal. & over: open head .....		3412-227	06/83	105.1	105.1	105.1	.7	0
All exc. 14-in. dia.: 19 & 20 gage (incl. 20/18): 50 gal. & over: tight head .....		3412-229	06/83	115.2	115.7	115.9	1.6	.2
All exc. 14-in. dia.: 19 & 20 gage (incl. 20/18): 50 gal. & over: open head .....		3412-231	06/83	105.7	106.6	106.8	1.8	.2
All except 14-in. dia.: 20 gage & heavier: 30-49 gal. ....		3412-233	08/83	119.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All except 14-in. dia.: lighter than 20 gage .....		3412-237	08/83	128.5	130.2	111.8	-8.3	-14.1
Secondary products and miscellaneous receipts .....		3412-SM						
Secondary products .....		3412-S	06/83	105.9	105.9	105.9	5.5	0
<b>Cutlery, hand tools, and general hardware .....</b>	<b>342</b>							
Cutlery .....	<b>3421</b>							
Primary products .....		3421-P	12/83	113.3	116.7	117.0	5.8	.3
Cutlery, scissors, shears, trimmers, and snips .....		3421-1	12/83	115.0	118.9	119.2	6.4	.3
Kitchen cutlery, incl. knives, forks, and cleavers .....		3421-121	12/83	113.0	116.0	116.7	7.2	.6
Pocket knives & other folding blade knives .....		3421-121	12/83	114.1	116.3	120.4	4.9	3.5
Pocket knives & other folding blade knives .....		3421-141	12/83	124.4	131.9	131.9	10.2	.0
Scissors & shears, incl. hshld types, excl. barber, pinking & tail shears, etc. ....		3421-153	12/83	123.4	124.5	124.5	5.8	0
Metal-cutting shears, incl. aviation & tanners' snips, bx, & wire fil. cutters .....		3421-157	12/83	108.1	110.1	110.1	3.3	0
All other scissors & shears, incl. hedge & grass shears & pruners .....		3421-159	12/83	116.8	116.8	116.8	.8	0
Secondary products and miscellaneous receipts .....		3421-SM						
Secondary products .....		3421-S	12/83	111.0	118.7	118.7	8.4	0
<b>Hand and edge tools, n.e.c. ....</b>	<b>3423</b>							
Primary products .....		3423-P	06/83	119.8	121.9	122.3	4.5	.3
Mechanics' hand service tools .....		3423-1	06/83	120.1	122.7	123.2	6.1	.4
Pliers .....		3423-111	06/83	119.7	123.6	124.2	7.1	.5
Slip joint pliers .....		3423-11112	06/83	110.4	114.9	115.0	5.2	.1
Solid joint pliers .....		3423-11113	06/83	113.9	116.5	116.9	2.3	.3
Wrenches .....		3423-113	06/83	109.2	114.3	114.3	6.2	0
Sockets for hand-operated wrenches .....		3423-11321	06/83	123.5	125.7	125.8	4.1	.1
Combination open-end and box wrenches .....		3423-11324	06/83	124.4	126.4	126.4	3.6	0
Torque wrenches .....		3423-11325	06/83	123.3	126.7	126.7	4.6	0
Adjustable wrenches, including pipe wrenches .....		3423-11326	06/83	127.1	132.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other wrenches .....		3423-11327	06/83	122.7	123.3	123.3	4.9	0
Screwdrivers .....		3423-114	06/83	121.3	121.4	121.9	3.8	.4
Automotive jacks, mechanical, excluding hydraulic and pneumatic .....		3423-115	06/83	123.3	125.0	125.0	4.8	0
Tools for automotive use, excluding jacks .....		3423-115	06/83	114.5	115.8	121.5	14.9	4.9
All other mechanics' hand service tools .....		3423-116	06/83	116.9	126.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Edge tools, hand operated .....		3423-117	06/83	117.6	121.7	122.5	8.9	.7
Axes, adzes, and hatchets .....		3423-2	06/83	114.9	116.4	116.1	2.9	-3
Machine knives, except metal cutting .....		3423-231	06/83	113.4	122.1	122.1	8.4	0
Professional and craftsmen's edge hand tools .....		3423-255	06/83	112.0	112.0	109.5	-1.9	-2.2
All other edge tools .....		3423-285	06/83	122.4	123.5	123.5	4.8	0
Files, rasps, and file accessories and other hand tools .....		3423-298	06/83	115.2	115.2	115.2	1.7	0
Shovels, spades, scoops, telegraph spoons, and scrapers .....		3423-3	06/83	123.9	124.6	125.3	6.0	.6
Light forged hammers, under 4 pounds, excluding ball peen hammers .....		3423-311	06/83	133.5	133.5	133.5	6.6	0
Steel goods, including forks, hoes, rakes, weeders, etc. ....		3423-321	06/83	115.3	117.6	117.6	2.0	0
Other hand tools, except edge tools .....		3423-341	06/83	134.0	134.0	134.0	8.5	0
Secondary products - miscellaneous receipts .....		3423-398	06/83	120.6	120.8	122.0	5.7	1.0
Miscellaneous receipts .....		3423-SM						
Secondary products .....		3423-M	06/83	114.9	114.8	114.8	-6.4	0
Secondary products .....		3423-S	06/83	123.1	123.4	124.0	4.9	.5
<b>Hand saws and saw blades .....</b>	<b>3425</b>							
Primary products .....		3425-P	06/83	115.7	116.3	116.8	3.8	.4
Handsaws and handsaw blades .....		3425-1	06/83	116.9	117.6	118.4	4.7	.7
Woodworking power saw blades .....		3425-2	06/83	119.4	120.9	120.9	3.5	0
Circular saw blades .....		3425-2	06/83	107.3	107.7	108.5	3.7	.7
Solid tooth .....		3425-212	06/83	104.0	104.9	104.9	2.3	0
Inserted tooth .....		3425-21211	06/83	108.2	109.0	108.9	2.3	-1
Bandsaw blades .....		3425-21213	06/83	92.8	93.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Bandsaw blades .....		3425-216	06/83	114.8	114.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Hand saws and saw blades—Continued								
All other woodworking power saw blades .....		3425-219	06/83	108.5	( <sup>3</sup> )	111.0	4.1	( <sup>3</sup> )
Metalworking power saw blades .....		3425-3	06/83	125.5	126.2	127.4	6.3	1.0
Bandsaw blades .....		3425-336	06/83	129.2	130.0	131.2	6.8	.9
Other metalworking power saw blades .....		3425-339	06/83	122.6	122.6	131.8	11.1	7.5
Secondary products - miscellaneous receipts .....		3425-SM						
Secondary products .....		3425-S	06/83	107.3	107.3	107.3	1.4	0
Hardware, n.e.c. ....	3429		06/85	104.3	105.3	105.9	6.2	.6
Primary products .....		3429-P	06/85	103.0	104.1	104.6	5.9	.5
Furniture hardware, excluding cabinet hardware .....		3429-2	06/85	109.6	109.6	109.6	2.3	0
Drawer pulls and handles .....		3429-214	06/85	107.6	107.6	107.6	4.7	0
Furniture casters .....		3429-253	06/85	103.3	103.3	103.3	2.8	0
Other furniture hardware .....		3429-298	06/85	113.8	114.0	115.4	4.2	1.2
Builders' hardware .....		3429-4	06/85	110.5	110.8	112.2	5.3	1.3
Doorlocks, locksets, and locktrim, except architectural trim sold separately .....		3429-421	06/85	112.7	111.9	114.3	6.4	2.1
Cylindrical, except deadlocks and latches .....		3429-42111	06/85	118.4	118.3	120.2	9.1	1.6
Tubular, except deadlocks and latches .....		3429-42112	06/85	110.6	108.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Tubular and mortise deadlocks and latches .....		3429-42114	06/85	109.2	109.9	112.0	5.1	1.9
All other types .....		3429-42116	06/85	100.9	101.4	101.5	1.7	.1
Key blanks .....		3429-424	06/85	112.5	118.8	119.3	16.1	.4
Screen and storm door hardware, including hydraulic and pneumatic closers .....		3429-433	06/85	104.5	104.9	107.2	7.3	2.2
Window hardware, including window locks .....		3429-436	06/85	111.5	( <sup>3</sup> )	114.1	5.1	( <sup>3</sup> )
Door controls, closers, and checking devices .....		3429-442	06/85	111.2	111.2	112.3	2.0	1.0
Surface applied .....		3429-44211	06/85	110.0	110.0	111.8	2.5	1.6
Hinges, excluding cabinet hinges, including spring hinges .....		3429-452	06/85	104.6	103.4	106.4	4.8	2.9
Butt hinges: 3 1/2 inch x 3 1/2 inch, and under .....		3429-45211	06/85	104.6	104.6	104.6	4.8	0
Other hinges .....		3429-45213	06/85	113.6	113.6	113.6	4.1	0
Cabinet hardware .....		3429-461	06/85	116.9	121.3	121.5	6.3	.2
Cabinet hinges .....		3429-46111	06/85	111.4	124.5	123.7	15.2	-.6
Cabinet knobs, pulls, catches .....		3429-46113	06/85	110.9	110.9	110.9	1.6	.0
Other cabinet hardware, including drawer slides .....		3429-46114	06/85	115.0	115.0	117.3	4.7	2.0
Hangers, tracks, and related items .....		3429-471	06/85	110.0	110.0	110.7	2.2	.6
Other builders' hardware .....		3429-498	06/85	112.9	113.1	113.1	5.5	0
Motor vehicle hardware .....		3429-6	06/85	97.1	98.6	98.7	6.9	.1
Other motor vehicle hardware .....		3429-698	06/85	94.9	96.6	96.9	10.5	.3
Other transportation equipment hardware, except motor vehicle hardware .....		3429-7	06/85	117.4	124.4	124.4	14.1	0
Marine hardware .....		3429-711	06/85	119.6	121.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Aircraft hardware .....		3429-731	06/85	115.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other hardware, n.e.c. ....		3429-8	06/85	100.1	101.0	101.4	4.1	.4
Casters and wheels, for dollies and industrial handtrucks .....		3429-822	06/85	106.0	107.5	107.5	6.4	0
Trunk and luggage hardware, including locks .....		3429-832	06/85	109.1	109.1	112.8	8.5	3.4
Other hardware .....		3429-898	06/85	109.9	109.7	110.1	6.1	.4
Secondary products and miscellaneous receipts .....		3429-SM						
Secondary products .....		3429-S	06/85	113.8	114.5	115.4	5.8	.8
Heating equipment, except electric and warm air; and plumbing fixtures .....	343		12/84	118.4	121.2	122.0	6.3	.7
Metal sanitary ware .....	3431		12/80	132.6	133.6	135.1	5.2	1.1
Primary products .....		3431-P	12/80	133.6	136.0	137.5	6.3	1.1
Drinking fountains .....		3431-2	12/86	109.7	111.6	113.1	9.1	1.3
Sinks and sink/laundry tray combinations .....		3431-4	12/80	154.6	157.3	159.5	11.7	1.4
Kitchen sinks (cast iron, steel, and stainless steel) .....		3431-426	12/80	146.8	148.7	150.6	11.7	1.3
Bathtubs .....		3431-7	12/80	125.3	127.0	128.7	3.8	1.3
Cast iron bathtubs .....		3431-711	12/80	131.0	134.0	134.5	3.4	.4
Miscellaneous metal sanitary ware .....		3431-9	12/86	108.7	108.9	108.9	.3	0
Urinals, including cast iron .....		3431-946	12/86	115.5	117.7	117.7	8.4	0
Secondary products and miscellaneous receipts .....		3431-SM						
Plumbing fixture fittings and brass goods .....	3432		06/83	132.4	135.6	136.6	8.4	.7
Primary products .....		3432-P	06/83	134.8	138.5	139.6	8.8	.8
Plumbing fixture fittings and brass goods .....		3432-1	06/83	134.8	138.5	139.6	8.8	.8
Bath and shower fittings .....		3432-101	06/83	122.5	127.3	128.5	6.6	.9
Bathtub and shower combination, other than single control .....		3432-10113	06/83	121.9	126.9	129.6	6.4	2.1
Other bath and shower fittings .....		3432-10117	06/83	133.8	138.2	139.2	8.4	.7
Lavatory fittings .....		3432-102	06/83	118.3	122.0	123.0	8.1	.8
Single control, 4 inch centerset .....		3432-10221	06/83	118.1	120.6	120.6	7.2	0
Residential, 4 inch centerset, other than single control .....		3432-10224	06/83	120.9	126.9	127.8	5.7	.7
Sink fittings .....		3432-103	06/83	136.6	141.1	144.0	12.2	2.1
Single control deck-type faucet with spray .....		3432-10334	06/83	122.1	129.5	129.4	6.2	-.1
Single control deck-type faucet without spray .....		3432-10335	06/83	117.5	122.6	122.6	4.2	0
Residential deck-type faucets, other than single control .....		3432-10336	06/83	121.2	126.1	126.1	5.1	0
Other sink fittings .....		3432-10339	06/83	196.6	196.6	209.9	30.8	6.8
Miscellaneous brass goods .....		3432-104	06/83	148.6	151.1	151.4	8.5	.2
Drains and overflows .....		3432-10443	06/83	123.9	126.7	126.7	2.8	0
Single, or single basin faucets .....		3432-10444	06/83	132.0	132.0	132.9	4.2	.7

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Plumbing fixture fittings and brass goods—Continued								
Traps .....		3432-10445	06/83	120.1	120.1	121.7	9.2	1.3
Compression stops, including those with drains .....		3432-10447	06/83	123.9	130.1	130.1	9.5	0
Lawn hose nozzles and lawn sprinklers .....		3432-10451	06/83	174.6	175.0	175.0	5.5	0
Water closet tank flushing controls .....		3432-10453	06/83	133.2	137.5	137.4	6.5	-1
Other miscellaneous items .....		3432-10498	06/83	158.2	162.9	162.8	13.7	-1
Secondary products and miscellaneous receipts .....		3432-SM						
Secondary products .....		3432-S	06/83	136.8	138.2	138.7	8.4	.4
Nonelectric heating equipment .....	3433		06/80	143.0	146.7	147.3	4.9	.4
Primary products .....		3433-P	06/80	142.1	146.2	146.2	5.0	0
Cast iron heating boilers .....		3433-3	06/80	139.0	140.9	140.9	2.6	0
Oil-fired cast iron heating boilers .....		3433-311	06/80	132.7	135.4	135.4	4.3	0
Gas-fired cast iron heating boilers .....		3433-313	06/80	140.6	141.8	141.8	1.1	0
Domestic heating stoves .....		3433-4	06/80	130.6	136.1	133.4	5.5	-2.0
Wood and coal domestic heating stoves, except sheet metal, airtight .....		3433-416	06/80	131.1	137.7	133.7	6.8	-2.9
Other domestic heating stoves .....		3433-422	06/86	110.4	113.2	113.2	2.9	0
Other heating systems .....		3433-6	06/80	146.4	150.6	150.5	4.8	-1
Floor and wall furnaces .....		3433-631	06/80	152.6	155.5	155.5	6.8	0
Gas-fired wall furnaces .....		3433-63113	06/80	151.2	153.4	153.4	7.0	0
Other systems, n.e.c. ....		3433-661	06/80	139.4	145.4	145.1	6.0	-2
Other heating systems, n.e.c. ....		3433-66193	06/86	101.2	106.5	106.0	6.4	-5
Parts for heating systems .....		3433-8	06/80	147.1	152.5	153.8	7.2	.9
Gas burners and parts/attachments .....		3433-811	06/80	135.6	141.6	143.6	6.4	1.4
Gas burners under and equal to 400 MBH .....		3433-81101	06/80	137.9	144.1	144.1	5.6	0
Dual fuel burners and parts/attachments .....		3433-831	06/80	123.6	139.8	139.8	14.5	0
Commercial/industrial dual fuel burners .....		3433-83103	06/80	124.8	133.9	133.9	9.1	0
Other parts, n.e.c. ....		3433-871	06/86	119.3	119.3	120.8	5.0	1.3
Secondary products and miscellaneous receipts .....		3433-SM						
Secondary products .....		3433-S	06/80	145.9	146.8	148.8	3.3	1.4
Other secondary products .....		3433-SSS	06/80	151.6	152.8	155.3	4.0	1.6
Refrigeration and electric heating equipment .....		3585-S	06/80	127.8	127.8	127.8	.0	.0
Fabricated structural metal products .....	344		12/84	114.2	116.0	116.5	5.9	.4
Fabricated structural metal .....	3441		06/82	115.4	117.7	117.3	3.8	-3
Primary products .....		3441-P	06/82	115.3	117.7	117.4	4.4	-3
Fabricated structural metal for buildings .....		3441-1	06/82	117.1	117.7	117.8	2.1	.1
Iron and steel for industrial buildings .....		3441-121	06/82	118.6	119.1	119.4	.4	.3
Industrial buildings and plants .....		3441-12101	06/82	122.4	123.0	123.3	.2	.2
Warehouses .....		3441-12102	06/82	97.3	97.3	97.3	2.2	0
Iron and steel for commercial buildings .....		3441-122	06/82	105.1	105.9	105.8	2.2	-1
Office buildings (high-rise) .....		3441-12201	06/82	102.2	102.2	102.2	2.5	0
Office buildings (low-rise) .....		3441-12202	06/82	105.7	105.9	105.9	1.2	0
Other commercial buildings (low-rise) .....		3441-12207	06/87	111.4	115.2	114.8	4.6	-3
Iron and steel for residential buildings .....		3441-123	06/87	105.5	105.5	105.5	4.0	0
Residential buildings (low-rise) .....		3441-12305	06/87	108.9	108.9	108.9	8.6	0
Iron and steel for public utilities .....		3441-127	06/82	105.4	105.8	106.3	1.8	.5
Iron and steel for other buildings (including rel., med., instit., and educational) .....		3441-128	06/87	124.1	124.1	123.8	11.5	-2
Low-rise buildings .....		3441-12802	06/87	106.5	108.2	107.4	5.4	-7
Fabricated structural metal for bridges, trestles, and viaducts .....		3441-2	06/82	108.7	113.7	115.8	11.9	1.8
Iron, steel, and aluminum for highways .....		3441-212	06/82	108.8	113.7	115.8	12.0	1.8
Other fabricated structural metal .....		3441-3	06/82	113.3	118.4	117.0	7.4	-1.2
Iron and steel for towers and supporting structures .....		3441-342	06/82	118.8	119.1	119.1	2.0	0
Iron and steel for offshore oil and gas platforms .....		3441-353	06/87	99.7	105.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Iron and steel for other uses .....		3441-359	06/87	111.0	116.9	114.6	10.0	-2.0
Secondary products and miscellaneous receipts .....		3441-SM						
Secondary products .....		3441-S	06/82	130.9	133.3	132.8	2.0	-4
Metal doors, sash and trim .....	3442		06/83	123.0	124.9	125.2	6.7	.2
Primary products .....		3442-P	06/83	124.8	126.9	127.1	6.8	.2
Metal doors and frames, except storm doors .....		3442-1	06/83	126.3	129.0	129.6	7.8	.5
Aluminum doors, all types .....		3442-11	06/83	128.4	131.4	131.8	8.7	.3
Aluminum residential doors .....		3442-112	06/83	126.9	126.2	126.7	3.2	.4
Sliding glass patio doors .....		3442-11216	06/83	125.8	124.6	125.1	1.7	.4
All other residential doors, including garage .....		3442-11218	06/83	118.9	120.8	121.0	14.9	.2
Aluminum commercial and institutional doors .....		3442-113	06/83	128.1	136.6	137.0	17.3	.3
All other commercial and institutional doors .....		3442-11323	06/83	131.8	148.0	146.9	( <sup>3</sup> )	-7
Iron and steel doors, all types .....		3442-12	06/83	125.3	128.2	128.8	7.7	.5
Iron and steel industrial doors .....		3442-121	06/83	123.6	125.2	125.2	( <sup>3</sup> )	0
Iron and steel residential doors .....		3442-122	06/83	127.7	132.4	132.7	( <sup>3</sup> )	.2
Garage doors .....		3442-12227	06/83	125.0	129.5	130.2	( <sup>3</sup> )	.5
Insulated steel entrance doors .....		3442-12229	06/83	126.6	132.4	132.5	( <sup>3</sup> )	.1
All other residential doors .....		3442-12231	06/83	131.5	133.2	133.2	( <sup>3</sup> )	0
Iron and steel commercial and institutional doors .....		3442-123	06/83	119.3	120.5	122.9	3.1	2.0
Overhead and sliding doors .....		3442-12332	08/83	118.5	120.7	121.5	( <sup>3</sup> )	.7
All other commercial and institutional doors .....		3442-12336	06/83	113.8	113.8	114.0	.5	.2
Aluminum doorframes .....		3442-142	06/83	120.2	120.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Steel doorframes, 16 gauge and heavier .....		3442-143	06/83	119.0	119.3	122.6	3.8	2.8

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Metal doors, sash and trim—Continued</b>								
Metal window sash and frames, except storm sash .....		3442-2	06/83	123.3	123.9	123.7	5.7	-0.2
Aluminum window sash and frames .....		3442-21	06/83	124.1	124.6	124.4	5.8	-.2
Residential aluminum window sash and frames .....		3442-211	06/83	120.0	120.6	120.8	5.9	.2
Single and double-hung .....		3442-21121	06/83	118.5	118.9	119.1	6.5	.2
Horizontal sliding .....		3442-21124	06/83	115.6	116.1	116.0	3.1	-.1
All other residential window sash and frames .....		3442-21129	06/83	157.0	157.4	157.4	7.5	0
Nonresidential aluminum window sash and frames .....		3442-212	06/83	140.0	140.2	139.3	4.5	-.6
Single and double-hung .....		3442-21241	06/83	153.7	153.7	153.7	( <sup>3</sup> )	0
Projected and awning .....		3442-21245	06/88	104.1	104.1	100.2	( <sup>3</sup> )	-3.7
All other nonresidential window sash and frames .....		3442-21249	06/83	132.6	133.1	133.1	2.9	0
Steel window sash and frames, all types .....		3442-22	06/83	( <sup>3</sup> )	113.9	113.9	2.4	0
Steel window sash and frames, all types .....		3442-221	06/83	( <sup>3</sup> )	113.9	113.9	2.4	0
Metal molding and trim and storefronts .....		3442-3	06/83	123.3	137.7	138.2	19.7	.4
Metal storefronts, sold complete at factory .....		3442-351	06/83	143.1	154.7	154.7	( <sup>3</sup> )	0
Metal combination screen and storm sash and doors .....		3442-4	06/83	126.1	126.6	126.6	3.8	0
Metal storm sash .....		3442-411	06/83	134.7	134.7	134.7	( <sup>3</sup> )	0
Aluminum and steel combination screen and storm sash .....		3442-412	06/83	124.5	124.8	124.8	( <sup>3</sup> )	0
Aluminum and steel combination screen and storm doors .....		3442-413	06/83	125.5	126.3	126.2	6.7	-.1
Metal window and door screens and weatherstrip .....		3442-5	06/83	120.2	120.1	120.1	3.5	0
Metal screen doors .....		3442-511	06/83	116.7	( <sup>3</sup> )	116.3	2.9	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3442-SM					( <sup>3</sup> )	0
Miscellaneous receipts .....		3442-M	07/83	102.2	105.6	105.6	( <sup>3</sup> )	0
Secondary products .....		3442-S	06/83	121.0	121.1	122.1	4.4	.8
<b>Fabricated plate work .....</b>								
	3443		03/80	133.9	136.3	137.4	7.2	.8
Primary products .....		3443-P	03/80	135.8	138.5	139.9	7.6	1.0
Heat exchangers and steam condensers .....		3443-1	03/80	163.1	166.1	166.9	9.5	.5
Bare tube heat exchangers .....		3443-111	03/80	176.4	178.7	179.6	9.1	.5
Fin tube heat exchangers .....		3443-115	03/80	142.4	147.4	148.0	8.0	.4
Steam condensers .....		3443-151	03/80	168.1	169.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Fabricated steel plate .....		3443-2	03/80	124.4	125.2	125.8	7.7	.5
Steel plate for trash containers and all other containers .....		3443-245	12/86	112.9	114.7	119.7	9.5	4.4
Weldments .....		3443-251	03/80	140.2	142.0	142.0	6.6	0
Other fabricated steel plate .....		3443-299	12/86	112.9	113.1	113.2	9.2	.1
Steel power boilers (over 15 psi) and parts/attachments .....		3443-3	03/80	107.6	110.3	111.3	-2.0	.9
Water tube boilers up to 100,000 lbs./hr. ....		3443-31	03/80	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Gas cylinders .....		3443-4	03/80	121.8	123.6	123.5	4.4	-.1
Carbon steel gas cylinders .....		3443-412	12/86	111.1	112.6	112.5	3.4	-.1
All other types of gas cylinders .....		3443-418	12/86	125.9	128.4	128.4	7.4	0
Metal tanks made at plant, standard, pressure .....		3443-5	03/80	117.0	119.6	120.4	( <sup>3</sup> )	.7
Metal tanks made at plant, standard, non-pressure .....		3443-7	03/80	126.3	126.9	132.0	9.4	4.0
Bulk storage tanks, standard, non-pressure .....		3443-71	03/80	121.8	122.5	130.3	10.7	6.4
Carbon steel storage tanks, 6000 gal. and less .....		3443-711	03/80	122.2	123.9	141.9	21.7	14.5
Carbon steel storage tanks over 6000 gal. ....		3443-713	03/80	124.4	124.4	124.4	2.8	0
Custom tanks and vessels made at the plant .....		3443-8	03/80	135.2	139.8	142.1	12.5	1.6
Carbon steel customized tanks and vessels, non-LPG .....		3443-802	03/80	124.2	127.8	131.7	13.4	3.1
Carbon steel tanks & vessels, 3/4 inch & less wall thickness .....		3443-80201	03/80	139.4	143.7	148.7	16.4	3.5
All other types of customized tanks and vessels, non-LPG .....		3443-804	12/86	125.7	131.6	129.5	10.9	-1.6
All other types of tanks & vessels, 3/4 inch & less wall thickness .....		3443-80401	12/86	136.1	146.0	142.5	11.2	-2.4
Custom tanks and vessels made at plant and field assembled .....		3443-9	03/80	126.7	127.5	127.7	-.3	.2
Petroleum storage tanks, field assembled .....		3443-926	03/80	112.4	113.5	113.6	-1.1	.1
Secondary products and miscellaneous receipts .....		3443-SM						
<b>Sheet metal work .....</b>								
	3444		12/82	126.6	128.0	129.3	7.1	1.0
Primary products .....		3444-P	12/82	123.0	124.4	125.8	7.5	1.1
Metal roofing and roof drainage equipment .....		3444-4	12/82	116.2	118.2	122.2	7.0	3.4
Metal roofing, steel, all types .....		3444-411	12/82	99.5	102.6	111.3	11.6	8.5
Roof drainage equipment including eave troughs, steel .....		3444-423	12/82	163.4	168.3	161.3	-.9	-4.2
Roof drainage equipment including eave troughs, aluminum .....		3444-429	12/82	123.5	119.8	119.8	3.8	0
Metal flooring and siding .....		3444-5	12/82	112.8	112.8	114.1	7.4	1.2
Metal siding, steel .....		3444-516	12/82	106.5	106.4	110.9	14.2	4.2
Metal siding, aluminum, for residential use, including mobile homes .....		3444-517	12/82	125.9	125.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Noninsulated .....		3444-51702	12/82	125.9	125.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other sheet metal work .....		3444-6	12/82	127.1	128.8	129.9	6.8	.9
Cornices, skylights, ceiling domes, copings, and gravel stops .....		3444-611	01/84	100.3	100.3	100.3	3.8	0
Stovepipe, furnace smokepipe, elbows, and ducts, steel .....		3444-634	12/82	117.8	119.9	119.9	4.2	0
Air-conditioning ducts, including dust collecting ducts, steel .....		3444-637	12/82	117.8	118.0	118.3	5.6	.3
Restaurant, hotel, and kitchen sheet metal equipment, steel .....		3444-644	12/82	175.5	183.3	186.1	11.1	1.5
Metal awnings, canopies, carports, and patios, prefabricated types, aluminum .....		3444-646	12/82	138.8	140.4	140.4	3.9	0
Soffits, fascia, and shutters, aluminum .....		3444-651	12/82	138.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other sheet metal work, steel .....		3444-662	12/82	119.9	122.7	123.1	5.9	.3
Mail collection or storage boxes .....		3444-66201	12/87	107.7	107.7	107.7	7.1	0
Precision sheet metal parts, not stamped .....		3444-66203	12/82	116.2	120.3	120.9	8.7	.5
Other steel sheet metal work .....		3444-66209	12/82	118.4	120.6	120.6	4.6	0
Other sheet metal work, aluminum .....		3444-664	12/82	133.8	133.7	134.6	9.4	.7
Other sheet metal work of metals other than steel or aluminum .....		3444-698	12/82	136.9	137.8	139.0	13.3	.9
Secondary products and miscellaneous receipts .....		3444-SM						
Miscellaneous receipts .....		3444-M	12/82	178.0	178.0	178.0	3.6	0
Resales .....		3444-Z89	08/84	175.0	175.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3444-S	12/82	121.0	122.8	123.5	6.1	.6

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Architectural and ornamental metalwork .....	3446		12/83	118.2	119.8	120.5	4.1	0.6
Primary products .....		3446-P	12/83	118.5	120.3	120.9	4.6	.5
Architectural and ornamental metalwork .....		3446-1	12/83	118.5	120.3	120.9	4.6	.5
Warm air or air conditioning grilles, registers and air diffusers .....		3446-11	12/83	108.7	108.5	108.7	3.2	.2
Iron and steel .....		3446-111	12/83	102.6	102.2	102.6	-.8	.4
Aluminum .....		3446-113	12/83	116.2	116.5	116.2	8.1	-.3
Stairs .....		3446-13	12/83	112.8	114.7	114.9	2.9	.2
Industrial class .....		3446-131	01/84	109.4	113.5	114.0	( <sup>3</sup> )	.4
Commercial class .....		3446-135	12/83	120.4	121.6	121.5	2.8	-.1
Railings .....		3446-14	12/83	108.1	109.1	110.2	( <sup>3</sup> )	1.0
Steel, excluding stainless steel .....		3446-143	12/83	108.6	110.0	112.3	4.1	2.1
Iron and stainless steel .....		3446-144	12/88	100.0	100.0	100.0	( <sup>3</sup> )	0
Other metals, including combinations of metals and other materials .....		3446-149	12/88	100.0	100.9	100.9	( <sup>3</sup> )	0
Grating and grating treads .....		3446-15	12/83	130.5	133.8	133.8	4.5	0
Steel grating and grating treads .....		3446-151	12/83	130.1	133.7	133.7	4.2	0
Aluminum grating and grating treads .....		3446-152	12/83	( <sup>3</sup> )	132.1	132.1	4.2	0
Framing material for walls and ceilings (load and non-load bearing studs) .....		3446-16	12/83	120.6	119.4	119.4	-1.5	.0
Scaffolding and shoring .....		3446-18	12/83	109.4	111.1	111.1	2.8	0
Scaffolding .....		3446-181	12/83	109.0	110.7	110.7	3.1	0
Other architectural and ornamental metalwork .....		3446-19	12/83	112.9	116.8	117.8	8.4	.9
Fences, gates and posts .....		3446-192	12/83	108.9	115.4	116.1	( <sup>3</sup> )	.6
Window guards .....		3446-193	12/83	121.8	126.1	128.2	5.3	1.7
Other architectural and ornamental metalwork .....		3446-199	12/83	113.2	114.0	115.3	5.0	1.1
Iron and stainless steel .....		3446-19912	12/88	100.0	100.0	100.0	( <sup>3</sup> )	0
Steel, excluding stainless steel .....		3446-19913	12/83	111.2	112.0	114.8	5.5	2.5
Other metals .....		3446-19914	12/88	100.0	101.4	101.0	( <sup>3</sup> )	-.4
Secondary products and miscellaneous receipts .....		3446-SM						
Miscellaneous receipts .....		3446-M	12/84	100.0	100.0	100.0	( <sup>3</sup> )	0
Secondary products .....		3446-S	12/83	117.8	118.8	119.4	1.3	.5
Fabricated structural metal .....		3441-S	12/83	( <sup>3</sup> )	124.0	127.1	2.5	2.5
Metal doors, sash and trim .....		3442-S	12/83	( <sup>3</sup> )	117.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other secondary products .....		3446-SSS	12/83	122.2	123.4	123.4	.8	0
Prefabricated metal buildings .....	3448		12/81	111.2	113.0	113.6	5.7	.5
Primary products .....		3448-P	12/81	110.3	111.7	112.6	5.3	.8
Prefab. metal bldg. sys., excl. farm service bldgs., resid. bldgs., & parts for prefab. bldgs .....		3448-1	12/81	108.1	109.3	110.3	5.3	.9
Industrial and commercial .....		3448-115	12/81	108.2	109.4	110.6	5.6	1.1
Industrial .....		3448-11512	12/87	102.9	102.2	102.4	3.4	.2
Commercial .....		3448-11514	12/87	105.6	107.5	108.9	6.5	1.3
Institutional, medical, religious, public & educational .....		3448-118	12/87	103.1	104.2	104.2	3.2	0
Other prefabricated and portable metal buildings and parts .....		3448-2	12/81	114.0	115.9	116.6	5.3	.6
Other farm service bldgs., steel and aluminum, excl. wood frame bldgs .....		3448-215	12/81	110.7	114.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Small utility bldgs., incl. tool sheds, cabanas, storage houses, etc., steel and aluminum .....		3448-221	12/81	117.2	117.8	117.8	5.3	0
Steel .....		3448-22117	12/87	108.2	109.5	109.5	4.4	0
Dwellings and other non-farm bldgs. incl. vacation homes, etc.; steel and aluminum .....		3448-235	12/81	131.0	135.4	137.0	8.4	1.2
Aluminum .....		3448-23516	12/87	109.8	113.6	114.7	8.2	1.0
Steel .....		3448-23518	12/87	104.8	108.2	110.3	9.1	1.9
Panels, parts, or sections for prefab. bldgs., not sold as a complete unit, steel & aluminum .....		3448-254	12/81	107.2	107.6	107.9	1.5	.3
Secondary products and miscellaneous receipts .....		3448-SM						
Secondary products .....		3448-S	12/81	126.2	132.6	132.0	17.6	-.5
Miscellaneous metal work .....	3449		12/84	110.4	111.5	111.0	4.5	-.4
Primary products .....		3449-P	12/84	111.0	111.8	111.1	4.1	-.6
Bar joists and fabricated concrete reinforcing bars .....		3449-4	12/84	105.5	105.1	103.9	5.6	-1.1
Fabricated concrete reinforcing bars .....		3449-452	12/84	108.3	108.5	108.5	4.6	0
Other miscellaneous metal building materials and curtain wall .....		3449-5	12/84	121.4	124.5	124.8	( <sup>3</sup> )	.2
Secondary products and miscellaneous receipts .....		3449-SM						
Secondary products .....		3449-S	12/84	105.5	110.6	110.6	4.8	0
Screw machine products, and bolts, nuts, screws, rivets, and washers .....	345		12/84	107.2	107.4	108.4	3.7	.9
Screw machine products .....	3451		12/83	115.4	116.9	117.1	4.5	.2
Primary products .....		3451-P	12/83	116.4	117.8	118.0	4.6	.2
Automotive screw machine products .....		3451-1	12/83	119.0	119.6	119.6	3.7	0
Other screw machine products .....		3451-2	12/83	114.7	116.7	117.0	5.1	.3
Aircraft .....		3451-222	12/83	98.7	98.7	98.7	( <sup>3</sup> )	0
Ordnance .....		3451-223	12/83	146.1	148.8	148.4	1.6	-.3
Household appliances, including radio and television .....		3451-242	12/83	139.4	141.8	141.9	12.0	.1
Electric and electronic equipment .....		3451-252	12/88	103.2	105.7	105.7	( <sup>3</sup> )	0
Machinery .....		3451-262	12/83	101.8	102.5	102.3	.7	-.2
All other end uses, except automotive .....		3451-298	12/83	110.8	113.2	114.2	5.5	.9
Secondary products .....		3451-S	12/83	( <sup>3</sup> )	104.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Bolts, nuts, screws, rivets, and washers</b> .....	<b>3452</b>		06/82	108.7	108.3	109.7	3.3	1.3
Primary products .....		3452-P	06/82	108.4	108.1	109.8	3.9	1.6
Externally threaded fasteners, except aircraft .....		3452-4	06/82	111.4	110.8	110.8	1.1	0
Mine roof bolts .....		3452-411	11/82	123.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Hex bolts, including heavy, tap, and joint .....		3452-412	06/82	95.8	96.6	96.6	1.4	0
Square and round bolts and plow numbers 3, 4, 6, 7, and track .....		3452-413	06/82	112.2	112.2	112.2	-6	0
High-strength structural and bent bolts .....		3452-416	06/82	115.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Studs .....		3452-421	06/82	101.6	101.5	102.2	3.4	.7
Flanged, self-locking, set, lag, and wood screws .....		3452-433	12/87	105.2	106.9	106.9	.8	0
Cap screws .....		3452-436	12/87	109.0	111.1	110.7	7.5	-4
Machine screws .....		3452-437	06/82	109.1	109.7	109.3	2.2	-4
Thread-forming tapping screws .....		3452-441	06/82	110.4	111.2	111.8	4.1	.5
Thread-cutting, self-drilling, and thread-rolling screws .....		3452-442	06/82	103.2	103.9	103.9	2.7	0
Other externally threaded fasteners, except aircraft .....		3452-469	06/82	114.2	114.8	114.6	1.3	-2
Internally threaded fasteners, except aircraft .....		3452-5	06/82	96.7	99.3	99.3	3.5	0
Flanged, square, sheet metal, weld, wing, and cage nuts .....		3452-501	06/82	112.8	115.6	115.6	4.1	0
Hex nuts .....		3452-502	06/82	92.3	96.1	96.1	4.7	0
Locknuts: prevailing torque and free spinning .....		3452-511	06/82	113.2	114.8	115.6	2.9	.7
Other internally threaded fasteners, including all nonmetallic .....		3452-539	06/82	113.4	113.7	113.7	1.5	0
Nonthreaded fasteners, except aircraft .....		3452-6	06/82	108.5	110.6	110.6	5.6	0
Solid rivets, all sizes .....		3452-601	06/82	105.5	107.0	105.9	3.2	-1.0
Tubular, split, and blind rivets .....		3452-603	06/82	108.9	108.9	108.9	7.2	0
Pins, machine type .....		3452-621	06/82	107.7	104.2	104.2	-1.6	0
Washers, all types .....		3452-631	06/82	104.8	103.9	104.6	4.3	.7
Other nonthreaded fasteners, including all nonmetallic .....		3452-649	06/82	112.8	120.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Aircraft/aerospace fasteners .....		3452-7	06/82	106.6	107.4	116.9	10.5	8.8
Bolts, all KSI tensile .....		3452-701	06/82	112.2	115.4	115.4	6.0	0
Screws, all types, and studs, all types .....		3452-712	12/87	103.4	( <sup>3</sup> )	138.9	36.3	( <sup>3</sup> )
Nuts, all types .....		3452-731	06/82	106.4	106.4	106.4	-1.8	0
Washers, all types .....		3452-761	12/87	111.2	111.2	111.2	( <sup>3</sup> )	0
Pins, all types .....		3452-763	06/82	115.3	119.8	124.0	13.6	3.5
Other formed fasteners .....		3452-8	06/82	112.2	104.5	105.6	3.4	1.1
All other, including ordnance .....		3452-898	04/84	116.0	105.5	107.0	-1.4	1.4
Secondary products and miscellaneous receipts .....		3452-SM						
Miscellaneous receipts .....		3452-M	06/82	110.2	112.4	112.3	4.5	-1
Secondary products .....		3452-S	06/82	111.8	106.1	106.1	-5.9	0
<b>Metal forgings and stampings</b> .....	<b>346</b>		12/84	105.4	107.1	107.1	5.3	0
<b>Iron and steel forgings</b> .....	<b>3462</b>		12/83	103.8	106.3	106.3	9.2	0
Primary products .....		3462-P	12/83	105.3	107.4	107.3	8.4	-1
Hot impression die impact, press and upset ferrous forgings .....		3462-5	12/83	106.5	108.8	108.5	9.4	-3
Carbon steel .....		3462-511	12/83	109.2	111.4	111.2	5.8	-2
Alloy steel, except stainless and high-temperature .....		3462-513	12/83	106.0	108.2	107.7	8.0	-5
Stainless steel .....		3462-515	12/83	111.3	113.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
High-temperature iron, nickel and cobalt-base alloys .....		3462-517	12/83	97.6	100.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Cold impression die impact, press and upset ferrous forgings .....		3462-6	12/83	106.0	108.8	108.5	3.7	-3
Carbon steel .....		3462-611	12/83	110.9	115.0	114.7	3.7	-3
Seamless rolled-ring ferrous forgings .....		3462-7	12/83	103.5	105.4	106.4	8.8	.9
Open die or smith (hammer or press) ferrous forgings .....		3462-8	12/83	99.1	100.9	100.9	6.0	0
Carbon steel .....		3462-811	12/83	95.9	96.3	96.3	.4	0
Alloy steel, except stainless and high-temperature .....		3462-813	12/83	98.0	99.7	99.7	4.8	0
Secondary products and miscellaneous receipts .....		3462-SM						
Secondary products .....		3462-S	12/83	89.5	95.6	96.4	19.3	.8
<b>Nonferrous forgings</b> .....	<b>3463</b>		12/83	113.8	116.7	116.6	5.9	-1
Primary products .....		3463-P	12/83	117.6	121.4	121.3	7.4	-1
Hot impression die impact, press and upset nonferrous forgings .....		3463-5	12/83	115.4	119.6	119.4	6.2	-2
Aluminum and aluminum alloy .....		3463-521	12/83	127.9	133.8	132.3	5.3	-1.1
Titanium and titanium alloy .....		3463-523	12/83	89.5	89.7	92.1	6.2	2.7
Copper and copper alloy .....		3463-525	12/83	135.3	142.7	142.3	15.3	-3
Cold impression die impact, press and upset nonferrous forgings .....		3463-6	12/83	123.3	124.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Aluminum and aluminum alloy .....		3463-621	12/83	123.3	124.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Automotive stampings</b> .....	<b>3465</b>		12/82	109.1	109.9	110.0	1.7	.1
Primary products .....		3465-P	12/82	108.6	109.4	109.6	1.7	.2
Original equipment automotive stampings .....		3465-1	12/82	108.1	108.8	108.8	1.5	0
Passenger car stampings .....		3465-111	12/82	108.3	109.1	109.1	1.7	0
Body panels .....		3465-11111	12/82	104.9	105.7	105.7	.7	0
Chassis parts .....		3465-11112	12/82	116.3	116.9	116.9	3.7	0
Truck and bus stampings .....		3465-113	12/82	105.9	106.0	106.0	.3	0
Body panels .....		3465-11313	12/82	105.0	105.0	105.0	0	0
Chassis parts .....		3465-11314	12/82	108.0	108.2	108.2	.7	0
Secondary products and miscellaneous receipts .....		3465-SM						
Secondary products .....		3465-S	12/82	110.7	111.2	111.2	2.4	0
<b>Metal crowns and closures</b> .....	<b>3466</b>		12/83	112.2	113.3	113.2	6.0	-1
Primary products .....		3466-P	12/83	111.8	113.0	112.8	6.1	-2
Metal commercial closures(caps) .....		3466-1	12/83	111.1	112.5	112.6	8.0	.1
Screw thread and lug type(nonvacuum) .....		3466-103	12/83	107.6	108.7	108.9	7.0	.2

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Metal crowns and closures—Continued</b>								
Tin mill products .....		3466-10331	12/83	107.6	108.7	108.9	7.0	0.2
Metal caps (vacuum) .....		3466-142	12/83	114.2	116.1	116.1	8.8	0
Continuous thread .....		3466-14244	12/83	97.8	99.5	99.5	3.0	0
Other metal closures, except crowns .....		3466-3	12/83	108.3	108.3	108.3	1.0	0
All other metal closures, (roll-ons, snips, tabs, etc.) .....		3466-364	12/83	108.2	108.2	108.2	( <sup>3</sup> )	0
Soft drink .....		3466-36411	12/83	108.2	108.2	108.2	( <sup>3</sup> )	0
Metal crowns .....		3466-4	12/83	112.7	115.5	114.1	6.3	-1.2
Soft drink containers .....		3466-415	12/83	111.4	116.9	114.2	6.8	-2.3
Conventional type .....		3466-41517	12/83	109.3	114.6	112.0	6.8	-2.3
<b>Metal stampings, n.e.c. ....</b>	<b>3469</b>		06/84	116.3	118.9	118.8	7.9	-1
Primary products .....		3469-P	06/84	115.6	118.5	118.3	8.4	-2
Job stampings, except automotive .....		3469-2	06/84	116.0	118.2	117.8	6.4	-3
Recreational vehicle stampings ( motor homes, travel trailers, etc. ) .....		3469-201	12/88	100.0	100.0	105.5	( <sup>3</sup> )	5.5
Motor and generator stampings .....		3469-205	12/88	100.0	100.0	100.0	( <sup>3</sup> )	0
Aviation stampings .....		3469-211	06/84	109.7	110.9	111.0	8.2	.1
Agricultural equipment stampings .....		3469-215	06/84	117.6	117.6	117.6	( <sup>3</sup> )	0
Electrical equipment stampings, except refrigerator and laundry .....		3469-225	06/84	110.9	113.3	111.6	3.4	-1.5
Furniture stampings .....		3469-231	06/84	108.7	108.7	108.7	( <sup>3</sup> )	0
Office machine stampings .....		3469-241	06/84	113.6	115.7	115.7	5.9	0
Radio, television and phonograph stampings .....		3469-251	12/88	100.1	108.9	106.9	( <sup>3</sup> )	-1.8
Stove, heater and air conditioner stampings .....		3469-271	06/84	113.4	115.7	114.8	2.0	-8
Other industrial equipment stampings .....		3469-289	06/84	119.0	123.4	123.0	3.9	-3
Other job stampings .....		3469-298	06/84	117.9	119.3	118.7	7.8	-5
Stamped and spun utensils, cooking and kitchen, aluminum .....		3469-4	06/84	119.8	139.7	139.1	19.7	-4
Stamped and spun utensils, cooking and kitchen, except aluminum .....		3469-5	06/84	109.9	108.3	109.6	8.5	1.2
Other utensils, including commercial, hospital and outdoor, stainless steel .....		3469-515	10/84	139.8	132.9	132.9	( <sup>3</sup> )	0
Other stamped and spun utensils, cooking and kitchen, including vitreous enamel .....		3469-598	06/84	126.8	126.9	127.5	6.4	.5
Other stamped and pressed metal end products .....		3469-9	06/84	115.6	115.6	115.8	8.6	.2
Other stamped and pressed metal end products .....		3469-998	06/84	112.5	112.7	113.3	9.9	.5
Secondary products and miscellaneous receipts .....		3469-SM						
Secondary products .....		3469-S	06/84	119.7	120.4	120.7	4.4	.2
<b>Coating, engraving, and allied services .....</b>	<b>347</b>		12/84	114.6	115.7	115.7	6.2	0
<b>Metal plating and polishing .....</b>	<b>3471</b>		12/84	115.9	116.8	116.8	7.2	0
Primary products .....		3471-P	12/84	116.5	117.5	117.3	7.5	-2
Metal plating and polishing .....		3471-1	12/84	116.5	117.5	117.3	7.5	-2
Electroplating-rack .....		3471-101	12/84	114.6	115.6	115.3	6.2	-3
Electroplating-barrel .....		3471-102	12/84	122.4	123.0	123.0	15.7	0
Engineering plating - hard chrome, hard nickel .....		3471-103	12/84	115.5	117.5	117.2	4.3	-3
Anodizing .....		3471-104	12/84	119.5	120.5	120.5	8.7	0
Hard coat anodizing .....		3471-10431	12/84	115.5	115.5	115.5	4.9	0
Other anodizing .....		3471-10432	12/84	120.4	121.7	121.7	9.5	0
Mechanical surface preparation .....		3471-105	12/84	110.0	110.4	110.8	2.7	.4
Polishing and buffing .....		3471-10541	12/84	109.1	109.6	109.7	2.0	.1
Other surface finishing .....		3471-10543	12/84	119.9	119.9	122.3	10.9	2.0
Other plating .....		3471-106	12/84	113.6	114.2	114.4	2.4	.2
Secondary products and miscellaneous receipts .....		3471-SM						
Secondary products .....		3471-S	12/84	108.2	108.2	109.3	1.0	1.0
<b>Metal coating and allied services .....</b>	<b>3479</b>		12/84	112.8	114.0	114.3	4.9	.3
Primary products .....		3479-P	12/84	114.0	115.4	115.3	5.3	-1
Metal coating and allied services .....		3479-1	12/84	114.0	115.4	115.3	5.3	-1
Printing, etching and engraving metal nameplates .....		3479-101	12/84	120.5	121.7	121.8	6.4	.1
Other printing, etching and engraving .....		3479-102	12/84	153.8	155.6	157.6	4.0	1.3
Galvanizing and other hot dip coating .....		3479-103	12/84	117.7	122.9	121.0	12.6	-1.5
After fabrication galvanizing, excluding all steel company operations .....		3479-10312	12/84	122.4	132.5	128.7	20.3	-2.9
Hot dip coating other than zinc .....		3479-10314	12/84	111.9	113.1	113.1	2.2	0
Organic coatings .....		3479-104	12/84	109.3	108.6	109.5	1.4	.8
Coil coating .....		3479-10421	12/84	108.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Spray coating, including electrostatic coating .....		3479-10422	12/84	113.4	112.8	114.5	2.8	1.5
All other organic coating .....		3479-10423	12/84	104.0	106.9	108.0	5.9	1.0
Secondary products and miscellaneous receipts .....		3479-SM						
Secondary products .....		3479-S	12/84	104.3	104.6	106.7	2.3	2.0
<b>Ordnance and accessories, except vehicles and guided missiles .....</b>	<b>348</b>		06/85	110.4	110.0	110.3	1.5	.3
<b>Small arms ammunition, 30mm and under .....</b>	<b>3482</b>		06/85	106.9	106.8	106.8	4.4	0
Primary products .....		3482-P	06/85	108.5	108.4	108.4	5.7	0
Cartridges for small firearms (rifles and sidearms) .....		3482-1	06/85	101.3	101.3	101.3	2.8	0
Centerfire pistols, including cartridges interchangeable between rifles and pistols .....		3482-114	06/85	114.2	114.3	114.3	1.3	0
Shipped to government (Federal, State, and local) .....		3482-11441	06/85	112.2	112.3	112.3	3.4	0
Ammunition components .....		3482-3	06/85	103.1	103.1	103.1	10.4	0
Wads, shot cases (primed or unprimed), bullets, bullet jackets, and cases .....		3482-369	06/85	103.7	103.7	103.7	12.4	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Ammunition, except small arms, n.e.c. ....	3483		12/85	105.7	105.4	105.7	0.7	0.3
Primary products .....		3483-P	12/85	101.0	100.5	101.0	1.0	.5
Artillery ammunition and component parts, over 30mm (or 1.18 inches) ..		3483-1	12/85	101.9	101.3	101.3	-1.9	0
Complete rounds, loaded .....		3483-111	12/85	103.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Artillery component parts .....		3483-171	12/85	104.3	( <sup>3</sup> )	104.3	-7.8	( <sup>3</sup> )
Primers .....		3483-17111	12/85	88.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Fuses .....		3483-17114	12/85	101.2	( <sup>3</sup> )	101.2	-6.8	( <sup>3</sup> )
Ammunition, except for small arms, n.e.c. ....		3483-3	12/85	99.8	99.5	100.5	4.8	1.0
Other ammunition and ammunition parts, n.e.c., except small arms .....		3483-341	12/85	113.2	113.2	113.2	1.8	0
Small arms, 30 mm and under .....	3484		06/85	120.1	120.1	121.0	6.3	.7
Primary products .....		3484-P	06/85	121.7	120.6	121.7	6.6	.9
Pistols and revolvers .....		3484-2	06/85	121.2	121.4	121.4	3.7	0
Centerfire pistols and revolvers .....		3484-201	06/85	118.1	118.1	118.1	4.3	0
Rimfire pistols and revolvers .....		3484-202	06/85	132.0	133.1	133.1	1.7	0
Rifles .....		3484-3	06/85	120.4	117.5	122.0	5.3	3.8
Centerfire rifles .....		3484-301	06/85	119.2	116.4	119.8	4.5	2.9
Semiautomatic centerfire rifles .....		3484-30121	06/85	116.1	120.7	124.1	1.1	2.8
Shotguns .....		3484-4	06/85	127.6	( <sup>3</sup> )	123.2	6.6	( <sup>3</sup> )
Repeating shotguns .....		3484-401	06/85	128.4	( <sup>3</sup> )	123.9	7.5	( <sup>3</sup> )
Other small arms .....		3484-5	06/85	116.3	116.3	116.3	5.1	0
Other small arms .....		3484-501	06/85	116.3	116.3	116.3	5.1	0
Parts and attachments for small arms .....		3484-6	06/85	116.8	118.7	118.7	7.6	0
Parts and attachments for small arms .....		3484-601	06/85	116.8	118.7	118.7	7.6	0
Small arms shipped to U.S. military .....		3484-7	06/85	124.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3484-SM						
Secondary products .....		3484-S	06/85	113.6	113.6	113.6	0	0
Ordnance and accessories, n.e.c. ....	3489		12/85	101.7	100.8	100.9	-3.1	.1
Primary products .....		3489-P	12/85	99.8	98.2	98.2	-8.3	0
Ordnance and accessories, n.e.c., incl. rocket projectors, torpedo tubes, and their parts .....		3489-2	12/85	96.2	94.3	94.4	-12.2	.1
Ordnance and accessories, n.e.c., and their parts .....		3489-201	12/85	96.2	94.3	94.4	-12.2	.1
Ordnance and accessories, n.e.c., and their parts - domestic sales ..		3489-20121	12/85	96.0	93.6	93.6	-14.8	0
Secondary products and miscellaneous receipts .....		3489-SM						
Secondary products .....		3489-S	12/85	118.2	117.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Miscellaneous fabricated metal products .....	349		12/84	115.6	116.6	117.3	6.1	.6
Steel springs, except wire .....	3493		06/81	110.4	111.3	111.3	2.3	0
Primary products .....		3493-P	06/81	109.3	110.0	110.2	2.1	.2
Hot formed springs .....		3493-1	06/81	108.0	108.6	108.9	2.0	.3
Hot formed coil springs .....		3493-121	06/81	107.5	108.2	108.8	2.4	.6
Locomotive, railroad car, and other helical springs .....		3493-12116	06/81	116.0	117.7	117.7	5.1	0
Hot formed leaf springs .....		3493-131	06/81	106.4	106.8	106.8	1.4	0
Replacement leaf springs (including exports) for cars, buses, and trucks ..		3493-13151	06/81	111.6	112.4	112.4	1.2	0
Original equipment leaf springs other than for passenger cars .....		3493-13158	06/81	100.5	100.5	100.5	1.6	0
Cold formed springs .....		3493-2						
Cold formed flat springs made of sheet and strip .....		3493-271	06/81	115.6	116.9	116.4	2.7	-4
Secondary products and miscellaneous receipts .....		3493-SM						
Miscellaneous receipts .....		3493-M	06/81	127.4	124.4	117.7	-7.6	-5.4
Secondary products .....		3493-S	06/81	113.6	116.3	116.3	4.8	0
Valves and pipe fittings .....	3494		12/82	120.0	121.9	123.3	8.9	1.1
Primary products .....		3494-P	12/82	120.6	122.7	124.1	9.2	1.1
Fluid power valves .....		3494-2	12/82	114.9	116.9	116.9	4.5	0
Hydraulic valves .....		3494-212	12/82	110.3	111.3	111.3	2.0	0
Manually operated directional control valves .....		3494-21201	12/82	113.7	114.7	114.7	3.2	0
Solenoid operated directional control valves .....		3494-21202	12/82	101.3	102.0	102.0	1.1	0
Other directional control valves .....		3494-21203	12/82	107.1	107.6	107.6	.8	0
Flow control valves (including check valves) .....		3494-21205	12/82	110.3	114.5	114.5	3.7	0
Servovalves and combination valves .....		3494-21206	12/82	110.5	110.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other hydraulic valves .....		3494-21207	12/82	113.0	113.0	113.0	1.3	0
Pneumatic valves .....		3494-224	12/82	125.3	129.5	129.5	9.6	0
Pressure control valves .....		3494-22403	12/82	133.2	( <sup>3</sup> )	136.4	15.3	( <sup>3</sup> )
Other pneumatic valves .....		3494-22405	12/82	119.6	127.3	127.3	8.7	0
Metal valves for piping systems and equipment, except plumbing and heating valves .....		3494-3	12/82	115.2	117.3	119.3	8.9	1.7
Gates, globes, angles, checks, etc. ....		3494-312	12/82	114.8	117.5	120.9	9.4	2.9
Water works or municipal valves (IBBM, AWWA, UL) .....		3494-31201	12/82	120.1	120.1	128.4	10.8	6.9
Fire hydrants .....		3494-31202	12/82	126.2	126.2	136.3	5.0	8.0
Iron valves (excluding IBBM, AwwA, UL) .....		3494-31203	12/82	121.8	121.8	122.2	2.5	.3
Cast carbon steel valves (all pressures) .....		3494-31204	12/82	101.5	102.3	103.6	4.9	1.3
Forged carbon steel valves (all pressures) .....		3494-31205	12/82	92.9	95.0	95.0	3.5	0
Brass and bronze valves (125 lb w.s.p. and over) .....		3494-31207	12/82	124.9	127.9	127.7	9.5	-2
Pop safety valves and relief valves (over 15 lb w.s.p.) .....		3494-349	12/82	128.7	133.1	133.1	11.5	.0
Ball valves, all metals, pressures, and types .....		3494-363	12/82	115.0	118.2	118.2	7.3	0
Iron and steel ball valves .....		3494-36301	12/82	112.6	114.2	114.2	6.5	0
Brass and bronze ball valves .....		3494-36302	12/82	123.1	131.3	131.3	9.4	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Valves and pipe fittings—Continued</b>								
Butterfly valves, all metals, pressures, and types .....		3494-367	12/82	106.8	106.9	108.5	8.7	1.5
Iron butterfly valves, including ductile .....		3494-36701	12/82	106.3	106.5	109.9	7.4	3.2
Steel (cast and fabricated) butterfly valves .....		3494-36702	12/82	107.2	107.2	107.2	9.8	0
Plug valves, all metals, pressures, and types .....		3494-375	12/82	114.5	114.9	118.1	9.6	2.8
Iron plug valves, including ductile .....		3494-37501	12/82	107.9	107.9	112.2	10.8	4.0
Carbon steel plug valves .....		3494-37502	12/82	108.0	108.0	112.0	6.4	3.7
Other alloy plug valves, including alloy steel .....		3494-37503	12/82	136.5	138.3	138.3	14.4	0
Other metal valves and specialties .....		3494-398	12/82	112.1	114.7	115.6	6.9	.8
Plumbing and heating valves and specialties, excluding plumbers' brass goods .....		3494-4	12/82	114.8	114.8	116.5	4.6	1.5
Other plumbing and heating valves 15 lb w.s.p. and under .....		3494-419	12/82	108.2	108.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Automatic regulating and control valves .....		3494-5	12/82	123.1	124.3	124.3	4.9	0
Pneumatic actuated control valves .....		3494-505	12/82	129.2	129.3	129.3	7.5	0
Self-contained direct actuated pressure regulator valves .....		3494-531	12/82	121.3	125.0	124.7	5.6	-2
Flow regulator valves for gas, vapors, or liquids .....		3494-545	12/82	113.7	117.4	117.4	5.6	0
Other regulator valves .....		3494-548	12/82	121.9	123.0	123.0	1.8	0
Solenoid valves .....		3494-6	12/82	125.7	127.6	128.4	5.1	.6
Solenoid valves .....		3494-655	12/82	125.7	127.6	128.4	5.1	.6
Metal fittings, flanges, and unions for piping systems .....		3494-7	12/82	138.0	140.0	142.5	19.3	1.8
Forged carbon steel fittings, flanges, and unions .....		3494-723	12/82	122.9	127.2	136.9	31.6	7.6
Threaded type .....		3494-72302	12/82	120.0	120.0	120.0	6.9	0
Butt-welding type (fittings only) .....		3494-72304	12/82	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Stainless and alloy steel fittings, flanges, and unions .....		3494-725	12/82	108.6	109.2	109.2	1.8	0
Socket-weld and threaded type .....		3494-72501	12/82	95.8	95.8	95.8	3.5	0
Butt-welding type .....		3494-72502	12/82	( <sup>3</sup> )	118.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Pipe couplings .....		3494-785	12/82	124.9	124.9	124.9	13.8	0
All other metal fittings and unions for piping systems .....		3494-798	12/82	104.0	104.0	106.0	7.7	1.9
Fluid power hose and tube fittings .....		3494-8	12/82	110.4	113.6	113.6	4.2	0
Fittings for metal and plastic tubing .....		3494-815	12/82	115.0	117.8	117.8	2.6	0
Hose end fittings and hose assemblies for fluid power systems .....		3494-841	12/82	108.0	111.5	111.5	5.2	0
Other hose connectors .....		3494-84104	12/82	110.3	110.3	110.3	1.8	0
Parts and components for valves and pipe fittings (sold separately) .....		3494-9	12/82	130.7	135.4	135.4	6.0	0
Secondary products and miscellaneous receipts .....		3494-SM						
Miscellaneous receipts .....		3494-M	12/82	94.5	94.5	94.5	9.9	0
Secondary products .....		3494-S	12/82	125.3	127.1	129.6	7.1	2.0
<b>Wire springs .....</b>	<b>3495</b>		<b>12/82</b>	<b>111.3</b>	<b>112.5</b>	<b>112.5</b>	<b>2.0</b>	<b>0</b>
Primary products .....		3495-P	12/82	111.7	113.0	113.0	2.3	0
Precision mechanical springs .....		3495-2	12/82	120.5	121.6	121.7	2.8	.1
Compression type, shipments to O.E.M. ....		3495-212	12/82	118.9	121.3	121.2	3.0	-1
Automotive .....		3495-21211	12/82	104.6	105.0	104.8	1.1	-2
Other machinery .....		3495-21215	12/82	120.1	123.0	123.3	3.6	.2
Consumer goods .....		3495-21217	12/82	112.3	113.9	113.9	7.4	0
Other .....		3495-21219	12/82	109.5	112.7	112.5	3.0	-2
Compression type, other shipments .....		3495-214	12/82	117.4	114.1	114.1	0	0
Extension type .....		3495-215	12/82	126.2	127.4	127.1	3.7	-2
Torsion type .....		3495-217	12/82	116.7	115.8	116.9	1.8	.9
Other wire springs .....		3495-3	12/82	104.7	106.1	106.1	1.6	0
Other upholstery and furniture springs .....		3495-319	12/82	104.5	106.8	106.8	3.7	0
Other wire springs .....		3495-398	12/82	101.7	105.2	105.2	3.4	0
Secondary products and miscellaneous receipts .....		3495-SM						
Secondary Products .....		3495-S	12/82	108.1	108.7	108.5	.4	-2
<b>Miscellaneous fabricated wire products .....</b>	<b>3496</b>		<b>12/82</b>	<b>112.7</b>	<b>114.3</b>	<b>114.9</b>	<b>5.9</b>	<b>.5</b>
Primary products .....		3496-P	12/82	112.8	114.5	114.9	6.0	.3
Noninsulated ferrous wire rope, cable and strand .....		3496-1	12/82	114.4	116.0	116.0	10.4	0
Steel wire rope and cable .....		3496-111	12/82	110.8	110.8	110.8	11.4	0
Ferrous wire cloth and other ferrous woven wire products .....		3496-4	12/82	113.7	116.4	116.4	8.2	0
Insect wire screening .....		3496-411	12/82	100.3	106.1	105.9	6.0	-2
Steel fencing and fence gates .....		3496-6	12/82	114.1	123.2	122.7	8.8	-4
Chain link fencing .....		3496-613	12/82	113.5	122.6	122.1	8.8	-4
Steel nails, spikes, brads, staples and tacks .....		3496-7	12/82	112.5	111.3	110.4	1.7	-8
Bright nails .....		3496-711	12/82	130.4	128.4	129.2	1.7	.6
Other ferrous fabricated wire products .....		3496-8	12/82	113.4	114.2	115.2	5.2	.9
Wire chain, tire .....		3496-841	12/82	118.1	118.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wire carts .....		3496-873	12/82	116.8	( <sup>3</sup> )	121.3	8.5	( <sup>3</sup> )
Other ferrous wire products .....		3496-898	12/82	106.8	108.7	109.0	2.2	.3
Secondary products and miscellaneous receipts .....		3496-SM						
Secondary products .....		3496-S	12/82	113.6	115.2	117.4	6.7	1.9
<b>Metal foil and leaf .....</b>	<b>3497</b>		<b>12/84</b>	<b>118.7</b>	<b>119.6</b>	<b>119.4</b>	<b>6.6</b>	<b>-2</b>
Primary products .....		3497-P	12/84	112.9	114.0	113.8	9.1	-2
Laminated aluminum foil rolls and sheets for flexible packaging uses .....		3497-2	12/84	103.6	104.9	104.7	8.5	-2
Polyethylene coated or laminated, foil and paper combination .....		3497-215	12/84	106.7	109.0	109.0	13.3	0
Other foil and paper combinations .....		3497-216	12/84	103.5	103.6	103.6	5.9	0
Non-food products .....		3497-21614	12/84	112.2	112.4	112.4	6.2	0
Converted unmounted aluminum foil for nonpackaging applications .....		3497-3	12/84	111.1	112.0	112.0	9.2	0
Unmounted or coated (plain or printed) .....		3497-352	12/84	117.4	119.6	119.6	12.6	0
Other metal foil and leaf .....		3497-4	12/84	122.8	122.7	121.7	8.1	-8
Other metal foil and leaf including composition ( combination of two or more metals) .....		3497-411	12/84	122.8	122.7	121.7	8.1	-8

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Metal foil and leaf—Continued								
Secondary products and miscellaneous receipts .....		3497-SM						
Fabricated pipe and fabricated pipe fittings .....	3498		06/81	134.5	132.9	133.5	3.3	0.5
Primary products .....		3498-P	06/81	129.4	127.5	128.2	1.1	.5
Iron and steel pipe, tube, and fittings .....		3498-1	06/81	125.5	123.4	124.0	-3	.5
Iron and steel pipe and pipe fittings (including custom work for contractors) .....		3498-101	06/81	120.6	119.3	119.5	0	.2
Petrochemical, papermill, and water sewage treatment .....		3498-10111	12/86	103.7	101.0	101.0	-4.7	0
Other iron and steel pipe and fittings .....		3498-10114	06/81	125.4	125.6	125.9	-9	.2
Iron and steel tubing and fittings .....		3498-102	06/81	132.7	129.6	130.7	-7	.8
Welded tubing .....		3498-10203	06/81	132.4	128.4	129.8	-1.4	1.1
Other iron and steel tubing and fittings .....		3498-10204	01/82	153.0	153.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Nonferrous pipe, tube, and fittings .....		3498-5	06/81	158.7	158.3	160.3	10.8	1.3
Aluminum and aluminum base alloy pipe, tube, and fittings .....		3498-501	06/81	123.4	120.8	132.4	11.6	9.6
Copper and copper base alloy pipe, tube, and fittings .....		3498-502	08/81	171.2	171.2	171.2	19.7	0
Other nonferrous pipe, tube, and fittings .....		3498-503	06/81	162.5	162.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3498-SM						
Secondary products .....		3498-S	04/82	110.1	110.1	110.1	-2.5	0
Fabricated metal products, n.e.c. ....	3499		06/85	113.4	114.3	114.4	4.1	.1
Primary products .....		3499-P	06/85	110.9	111.9	112.0	4.6	.1
Safes and vaults .....		3499-1	06/85	111.8	111.8	111.8	4.1	0
Safes and chests .....		3499-101	06/85	127.2	127.2	127.2	7.3	0
All other bank and security vaults and equipment .....		3499-198	06/85	99.7	99.7	99.7	3.9	0
Metal strapping .....		3499-3	06/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Metal strapping .....		3499-357	06/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other fabricated metal products .....		3499-4	06/85	110.8	112.1	112.1	4.2	0
Metal ladders .....		3499-401	06/85	121.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other metal ladders .....		3499-40147	06/85	120.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Permanent magnets, except ceramic .....		3499-455	06/85	105.8	107.1	107.8	4.2	.7
Metal spools and reels .....		3499-475	06/85	113.9	115.9	115.9	( <sup>3</sup> )	0
Other fabricated metal products .....		3499-498	06/85	110.2	111.3	111.1	3.4	-2
Secondary products and miscellaneous receipts .....		3499-SM						
Miscellaneous receipts .....		3499-M	06/85	141.5	141.5	141.5	( <sup>3</sup> )	0
Resales .....		3499-Z89	06/85	136.4	( <sup>3</sup> )	136.4	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3499-S	06/85	111.8	112.6	113.1	4.7	.4
Machinery, except electrical .....	35		12/84	108.9	109.9	110.2	4.2	.3
Engines and Turbines .....	351		12/84	107.0	108.1	108.3	3.9	.2
Turbines and turbine generator sets .....	3511		06/82	119.0	119.7	119.9	5.5	.2
Primary products .....		3511-P	06/82	118.6	119.5	119.7	6.6	.2
Steam, gas, and hydraulic turbine generator set units and parts .....		3511-1	06/82	110.0	110.0	110.0	4.9	0
Mechanical drive steam, gas, and hydraulic turbines, nonlocomotive steam engines and parts .....		3511-2	06/82	127.0	128.2	128.5	7.0	.2
Steam turbines, steam engines and parts .....		3511-21	06/82	130.1	131.9	131.9	10.3	0
Steam turbines .....		3511-211	06/82	111.4	112.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Gas turbines, except aircraft, and parts and accessories .....		3511-23						
Parts and accessories for gas turbines, except aircraft .....		3511-235	06/82	139.5	140.1	140.9	3.5	.6
Secondary products .....		3511-S	06/82	131.7	131.7	131.7	( <sup>3</sup> )	0
Internal combustion engines, n.e.c. ....	3519		12/82	108.1	109.3	109.7	3.4	.4
Primary products .....		3519-P	12/82	109.4	109.8	110.1	2.5	.3
Gasoline engines, under 11 h.p. (except auto) .....		3519-1	12/82	107.1	107.1	108.0	3.3	.8
Gasoline engines, 11 h.p. and over (except auto) .....		3519-2	12/82	118.5	119.0	119.2	4.4	.2
Gasoline engines, 11 - 60.9 h.p. (except auto) .....		3519-2A	12/82	113.5	113.5	113.9	4.9	.4
Gasoline engines, 11 - 20.9 h.p. ....		3519-212	12/88	( <sup>3</sup> )	100.0	100.4	( <sup>3</sup> )	.4
Gasoline engines, 61 h.p. and over (except auto) .....		3519-2B	02/83	123.0	124.0	124.0	3.9	0
Gasoline engines, 61 - 150.9 h.p. ....		3519-222	12/88	85.4	( <sup>3</sup> )	85.4	( <sup>3</sup> )	( <sup>3</sup> )
Diesel, semidiesel, and dual fuel engines (except automotive) .....		3519-3	12/82	104.3	104.7	104.9	2.1	.2
Diesel, semidiesel and dual fuel, under 151 h.p. ....		3519-3A	12/82	99.9	101.7	103.4	.9	1.7
Diesel, semidiesel and dual fuel, 151 h.p. and over .....		3519-3B	12/82	105.2	105.3	105.4	2.6	.1
Diesel, semidiesel and dual fuel, 201 - 250.9 h.p. ....		3519-321	12/82	( <sup>3</sup> )	94.6	94.6	( <sup>3</sup> )	0
Diesel, semidiesel and dual fuel, 251 - 300.9 h.p. ....		3519-323	12/88	102.2	102.2	102.2	( <sup>3</sup> )	0
Diesel, semidiesel and dual fuel, 301 - 350.9 h.p. ....		3519-325	12/82	112.5	113.3	113.3	( <sup>3</sup> )	0
Diesel, semidiesel and dual fuel, 1501 h.p. and over .....		3519-333	12/82	126.0	126.8	127.1	( <sup>3</sup> )	.2
Diesel, semidiesel, and dual fuel engines (automotive) .....		3519-4	12/82	( <sup>3</sup> )	108.5	108.5	1.9	0
Parts and accessories .....		3519-9	12/82	110.1	110.3	110.7	1.2	.4
Cylinder liners (sleeves) .....		3519-904	12/88	100.0	101.0	101.0	( <sup>3</sup> )	0
Cylinder heads .....		3519-905	12/88	99.8	102.9	103.6	( <sup>3</sup> )	.7
Crankshafts, engine .....		3519-908	12/88	100.0	100.9	100.9	( <sup>3</sup> )	0
Fuel injection systems, engine .....		3519-916	12/82	116.3	115.1	115.1	-2	0
Other parts and accessories .....		3519-998	12/88	99.7	100.2	100.8	( <sup>3</sup> )	.6
Secondary products and miscellaneous receipts .....		3519-SM						
Miscellaneous receipts .....		3519-M	12/82	97.5	97.5	99.2	4.6	1.7
Resales .....		3519-Z89	12/82	93.1	93.1	94.7	4.6	1.7
Secondary products .....		3519-S	12/82	102.2	109.2	109.2	8.7	0
Other secondary products .....		3519-SSS	12/82	114.8	124.0	124.0	15.7	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Farm and garden machinery and equipment .....	352		12/84	104.7	106.8	107.4	4.8	0.6
Farm machinery and equipment .....	3523		12/82	109.7	112.3	113.0	4.7	.6
Primary products .....		3523-P	12/82	110.0	112.6	113.3	4.4	.6
Commercial turf and grounds mowing equipment, including parts and attachments .....		3523-A	12/82	111.9	113.0	113.7	2.5	.6
Gang rotary cutting units, reel and rotary .....		3523-A15	12/82	124.5	124.5	124.5	1.9	0
Parts and attachments for commercial turf and grounds mowing equipment .....		3523-A31	12/82	97.3	99.9	100.2	0	.3
Commercial turf and grounds care equipment, except mowing, including parts and attachments .....		3523-B	12/82	124.4	124.1	124.1	3.8	0
Wheel tractors and attachments, except: contractors' type, lawn and garden, and motor tillers .....		3523-1	12/82	106.0	112.6	114.0	8.5	1.2
Two-wheel drive farm type tractors, including front-wheel assist types .....		3523-1A	12/82	104.9	114.1	116.1	11.4	1.8
Four-wheel drive farm type tractors, including tractors with equal size tires, front and rear .....		3523-1B	12/82	106.5	106.5	106.5	.8	0
Under 200 pto horsepower .....		3523-131	12/82	116.5	116.5	116.5	2.9	0
250 pto horsepower and over .....		3523-135	12/82	100.4	100.4	100.4	0	0
Attachments for wheel tractors, farm type and nonfarm (industrial) type .....		3523-187	12/82	116.7	116.7	116.7	2.8	0
Farm dairy machines, sprayers and dusters, farm elevators and farm blowers .....		3523-2	12/82	117.9	117.4	117.5	4.0	.1
Sprayers and dusters .....		3523-2B	12/82	115.4	115.4	115.6	4.2	.2
Power sprayers, field and row crop types .....		3523-22	12/82	113.8	113.7	114.0	3.5	.3
Tractor mounted .....		3523-221	12/82	92.2	( <sup>3</sup> )	92.2	4.4	( <sup>3</sup> )
Other than tractor mounted .....		3523-224	12/82	97.8	97.6	98.4	2.1	.8
Other sprayers .....		3523-256	12/87	105.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Farm elevators and blowers .....		3523-2C	12/82	117.4	115.9	115.9	3.4	0
Planting, seeding, and fertilizing machinery .....		3523-3	12/82	108.4	109.2	110.1	2.5	.8
Planting and seeding machinery .....		3523-3A	12/82	107.7	108.3	108.4	0	.1
Fertilizing machinery .....		3523-3B	12/82	110.9	111.9	114.9	6.7	2.7
Manure spreaders, conveyor type .....		3523-357	12/82	100.9	103.4	104.9	4.0	1.5
Harrows, rollers, pulverizers, stalk cutters, and similar equipment .....		3523-4	12/82	111.4	112.0	112.4	1.4	.4
Stalk shredders and cutters and rotary mowers .....		3523-4A	12/82	113.4	115.0	115.0	4.5	0
Harrows and combination tillage equipment .....		3523-4B	12/82	108.5	( <sup>3</sup> )	109.3	.1	( <sup>3</sup> )
Harvesting machinery .....		3523-5	12/82	107.6	111.4	111.5	1.5	.1
Field forage harvesters .....		3523-5A	12/82	107.7	107.7	107.7	4.1	0
Field forage harvesters, shear-bar, self-propelled types and pull types .....		3523-563	12/82	108.9	108.9	108.9	5.2	0
Combines (harvester-threshers), except peanut combines .....		3523-511	12/82	108.3	113.3	113.5	1.2	.2
Other harvesting machinery, including picker-shellers and cotton strippers .....		3523-582	12/82	112.3	112.9	112.9	3.4	0
Haying machinery .....		3523-6	12/82	110.3	110.7	110.7	1.9	0
Pull type mower conditioners and windrowers with conditioner, all types .....		3523-619	12/87	101.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Hay balers, all types .....		3523-655	12/82	110.0	110.7	110.7	1.5	0
Plows and listers, excluding turf and grounds machinery .....		3523-7	12/82	115.3	115.7	115.7	5.4	0
Chisel plows, deep tillage .....		3523-766	12/82	108.6	108.6	108.5	3.5	-.1
Farm machinery and equipment, n.e.c., excluding parts .....		3523-8	12/82	114.8	115.0	115.6	3.8	.5
Cultivators .....		3523-8A	12/82	120.1	117.7	120.2	5.4	2.1
Corn and cotton type cultivators (shank and sweep type) .....		3523-806	12/82	116.4	113.4	116.4	7.0	2.6
Field cultivators .....		3523-816	12/82	124.6	123.5	124.5	2.0	.8
Machines for preparing crops for market or use .....		3523-8B	12/82	111.1	111.4	111.4	2.2	0
Feed grinders, feed mixers, and burr mills .....		3523-826	12/82	113.3	113.3	113.3	2.7	0
Farm poultry equipment .....		3523-8C	12/82	( <sup>3</sup> )	105.1	105.1	( <sup>3</sup> )	0
Barn and barnyard equipment .....		3523-8D	12/82	117.0	117.0	118.2	4.0	1.0
Self-propelled irrigation systems .....		3523-8E	12/82	112.3	( <sup>3</sup> )	112.3	( <sup>3</sup> )	( <sup>3</sup> )
Self-propelled irrigation systems, center-pivot .....		3523-893	12/82	111.8	( <sup>3</sup> )	111.8	( <sup>3</sup> )	( <sup>3</sup> )
Hog equipment .....		3523-8P	12/82	112.1	112.1	112.1	2.7	0
Farm wagons and other farm transportation equipment .....		3523-8W	12/82	126.3	130.0	130.1	2.7	.1
Other farm transportation equipment .....		3523-W78	12/82	114.4	115.1	115.7	1.4	.5
Parts for farm machinery and equipment, excl. comm. turf and grounds equip .....		3523-9	12/82	112.3	112.5	113.3	4.7	.7
Farm machinery and equipment parts sold to original equipment mfrs .....		3523-9A	12/82	110.9	110.9	110.9	4.4	0
Farm machinery and equipment parts sold for replacement and repair .....		3523-9B	12/82	108.6	109.1	110.8	1.6	1.6
Parts for cultivators and weeders .....		3523-932	12/82	106.8	121.0	121.0	2.0	0
Parts for sprayers and dusters .....		3523-951	12/82	109.6	109.9	109.9	1.7	0
Parts for harvesting machinery .....		3523-994	12/82	103.7	104.5	104.5	.8	0
Secondary products and miscellaneous receipts .....		3523-SM						
Miscellaneous receipts .....		3523-M	12/82	105.9	109.0	108.2	12.2	-.7
Resales .....		3523-Z89	12/82	104.4	107.5	107.3	12.1	-.2
Secondary products .....		3523-S	12/82	109.3	109.5	109.7	5.6	.2
Other secondary products .....		3523-SSS	12/82	109.6	108.3	108.3	5.5	0
Construction machinery and equipment .....		3531-S	12/82	105.3	108.2	108.7	5.8	.5
Lawn and garden equipment .....	3524		12/82	111.5	112.0	112.0	4.7	0
Primary products .....		3524-P	12/82	112.1	112.6	112.6	4.6	0
Consumer nonriding lawn, garden, and snow equipment .....		3524-1	12/82	109.4	109.4	109.6	4.8	.2
Lawn mowers .....		3524-11	12/82	108.8	108.8	108.8	5.0	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Lawn and garden equipment—Continued</b>								
Rotary, push type, gasoline engine powered .....		3524-111	12/82	111.2	111.2	111.2	5.1	0
Rotary, self-propelled, gasoline engine powered .....		3524-112	12/82	104.1	104.1	104.1	5.0	0
Reel, all types .....		3524-113	12/82	109.2	109.2	109.2	5.1	0
Rotary garden (motor) tillers .....		3524-121	12/82	112.0	112.0	112.0	2.4	0
Snow throwers (snow blowers), except attachment types .....		3524-14	12/82	103.7	104.4	107.0	3.3	2.5
Single stage .....		3524-141	12/82	104.9	104.9	113.2	8.0	7.9
Dual stage .....		3524-142	06/83	101.9	103.0	103.0	1.1	0
Powered lawn edgers/trimmers .....		3524-15	12/82	110.8	110.8	110.8	8.7	0
Fixed blade, gasoline engine or electric powered .....		3524-154	12/82	118.0	118.0	118.0	8.8	0
Other consumer nonriding lawn, garden, and snow equipment .....		3524-19	12/82	115.6	115.6	115.7	4.2	.1
Yard vacuums and blowers .....		3524-193	12/82	109.6	109.6	109.9	2.1	.3
All other equipment, incl. powered hedge trimmers, 2 wheel walking tractors, and lawn sweepers .....		3524-194	12/82	118.2	118.2	118.2	5.5	0
<b>Parts and attachments for consumer nonriding lawn, garden, and snow equipment .....</b>								
Attachments .....		3524-3	12/82	115.4	115.5	115.5	.7	0
Parts .....		3524-311	12/82	121.3	121.6	121.6	2.8	0
Parts .....		3524-312	12/82	113.3	113.3	113.3	.3	0
Consumer riding lawn, garden, and snow equipment .....		3524-4	12/82	120.9	123.3	122.2	6.1	-.1
Garden tractors .....		3524-41	12/82	123.8	125.7	125.6	5.3	-.1
Under 16.0 hp .....		3524-416	12/87	103.9	104.1	103.9	3.0	-.2
16.0 hp and over .....		3524-417	12/82	123.1	125.9	125.9	6.8	0
Lawn tractors and riding mowers .....		3524-42	12/82	119.3	120.5	120.3	6.6	-.2
Front engine lawn tractors and riding mowers .....		3524-421	12/82	117.9	119.6	119.4	6.0	-.2
10.0 hp and over .....		3524-42113	12/82	114.0	116.3	116.0	6.2	-.3
Rear engine lawn tractors and riding mowers .....		3524-422						
6.0 hp and over .....		3524-42213	12/82	122.0	122.0	122.0	7.4	0
<b>Parts and attachments for consumer riding lawn, garden, and snow equipment .....</b>								
Attachments .....		3524-5	12/82	100.3	100.4	100.9	2.2	.5
Parts .....		3524-517	12/82	120.3	120.3	121.2	3.7	.7
Parts .....		3524-521	10/83	81.7	81.9	82.0	( <sup>3</sup> )	.1
Secondary products and miscellaneous receipts .....		3524-SM						
Secondary products .....		3524-S	12/82	104.8	105.3	105.3	6.8	0
<b>Construction, mining, and materials handling machinery and equipment .....</b>								
	353		12/84	108.4	109.1	109.0	3.5	-.1
<b>Construction machinery .....</b>								
	3531		12/80	129.9	130.7	130.9	4.7	.2
Primary products .....		3531-P	12/80	127.7	128.5	128.7	4.7	.2
Off hwy wheel tractors .....		3531-1						
Off hwy wheel tractors, including wheeled log skidders and rubber-tired dozers .....		3531-101	12/80	131.9	132.5	132.5	1.8	0
Tracklaying tractors .....		3531-2	12/80	133.5	133.5	133.5	6.3	0
Parts/ attach. for tracklaying tractors, off-hwy wheel tractors, tractor shovel loaders .....		3531-3	12/80	117.8	119.1	119.1	3.0	0
Parts/ attach. for tracklaying tractors, off-hwy wheel tractors, tractor shovel loaders .....		3531-305	12/80	117.8	119.1	119.1	3.0	0
Power cranes, excavators, and draglines, incl. parts/ attach .....		3531-4	12/80	133.8	135.3	135.8	7.3	.4
Cranes .....		3531-4A	06/86	112.7	114.6	115.3	8.6	.6
Cable operated cranes .....		3531-41103	12/80	143.5	143.5	145.9	9.8	1.7
Hydraulic cranes .....		3531-41104	12/80	141.6	147.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Excavators .....		3531-411	06/86	110.0	110.0	110.0	2.9	0
Hydraulic operated excavators .....		3531-41102	12/80	137.9	137.9	137.9	3.8	0
Front end attachments for power cranes, draglines, and excavators .....		3531-481	12/80	132.7	132.7	133.5	2.3	.6
Parts for power cranes, draglines, and excavators .....		3531-485	12/80	123.9	125.2	125.2	10.4	0
Mixers, pavers, and related equip. excl. parts .....		3531-6	12/80	115.6	116.3	117.4	2.5	.9
Concrete equipment .....		3531-611	06/86	108.4	108.4	110.4	4.8	2.1
Mixers .....		3531-61101	06/86	108.4	108.4	110.3	4.7	1.8
Bituminous equipment .....		3531-622	06/86	104.0	104.0	104.2	1.1	.2
Other bituminous equip. incl. reclaimers/planers and stab. mixers .....		3531-62204	06/86	99.9	99.9	101.0	1.5	1.1
Tractor shovel loaders excluding parts/ attachments .....		3531-7	12/80	139.7	139.9	139.9	3.5	0
Wheel type .....		3531-711	06/86	109.9	110.0	110.0	3.4	0
Wheel shovel loader, 4 wheel dr., up to 3 1/2 cu. yd. capacity .....		3531-71101	12/80	145.1	146.1	146.1	4.5	0
Skid steer, 4 wheel drive .....		3531-71104	06/86	98.8	98.8	98.8	0	0
Scrapers, graders, rollers, off-hwy trucks/haulers, and attach. for mounting .....		3531-8	12/80	123.1	123.5	124.0	6.8	.4
Motor graders, light maintainers .....		3531-821	06/86	108.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Rollers, all types incl. self-propelled vibratory compactors .....		3531-831	12/80	145.3	145.5	145.2	1.7	-.2
Construction machinery for mounting on tractors, shovel loaders, etc. All other machinery for mounting incl. forklifts, logging arches, sidebooms, pipehandlers, etc. ....		3531-841	06/86	111.2	111.8	111.8	9.5	0
Off-hwy equipment .....		3531-84166	06/86	105.3	106.1	106.1	5.7	0
Miscellaneous constr. mach./equip., incl. other constr. machinery parts		3531-851	06/86	111.7	112.0	113.1	7.5	1.0
Parts/ attachments for constr. mach./ equip. excl. cranes, draglines, shovels, tractors .....		3531-9	12/80	121.0	121.9	122.1	2.6	.2
Sold to o.e.m. ....		3531-9A	06/86	102.1	102.9	103.2	2.6	.3
Sold for replacement/repair .....		3531-98411	12/80	116.7	116.7	117.9	( <sup>3</sup> )	1.0
Miscellaneous construction machinery and equipment .....		3531-98611	12/80	112.2	113.4	113.3	3.4	-.1
Continuous ditchers/ trenchers, self-propelled .....		3531-911	06/86	103.2	104.1	104.2	2.8	.1
Portable crushing, screening, or washing plants and combinations ...		3531-91102	12/80	142.4	144.4	143.9	1.1	-.3
		3531-91105	12/80	137.6	139.6	139.6	3.3	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Construction machinery—Continued</b>								
Snow clearing attachments for mounting .....		3531-91106	12/80	120.1	123.5	123.7	1.6	0.2
All other miscellaneous construction machinery .....		3531-91108	06/86	104.0	105.3	105.4	2.0	.1
Secondary products and miscellaneous receipts .....		3531-SM						
Miscellaneous receipts .....		3531-M	12/80	159.6	159.6	160.1	6.2	.3
Resales .....		3531-Z89	08/84	116.9	116.9	117.3	7.1	.3
Secondary products .....		3531-S	12/80	140.4	141.8	141.9	3.7	.1
Other secondary products .....		3531-SSS	06/86	93.2	93.6	93.8	3.9	.2
<b>Mining machinery and equipment .....</b>								
Primary products .....	3532		06/81	121.7	122.5	123.0	5.9	.4
Underground mining machinery .....		3532-P	06/81	123.8	124.6	124.9	6.0	.2
Crushing, pulverizing, and screening machinery .....		3532-5	06/81	134.6	134.6	134.6	7.1	0
Crushers, stationary types, including skid-mounted (gyratory, impact, jaw, and roll) .....		3532-7	06/81	126.8	130.2	131.1	7.5	.7
Drills and other mining machinery, except parts .....		3532-727	06/81	136.9	140.1	140.1	6.2	0
All other mining machinery and equipment, including impact breakers .....		3532-8	06/81	115.4	118.6	118.6	7.4	0
Parts and attachments for mining machinery and equipment .....		3532-898	12/81	113.8	118.1	118.1	7.9	0
Parts and attachments for mining machinery sold separately, excluding drill bits .....		3532-9	06/81	116.6	116.9	117.4	5.2	.4
All other mining drill bits .....		3532-975	06/81	119.4	120.1	120.4	5.2	.2
Secondary products and miscellaneous receipts .....		3532-991	12/87	108.8	105.8	107.4	5.3	1.5
Miscellaneous receipts .....		3532-SM						
Resales .....		3532-M	06/81	113.1	113.1	115.3	4.5	1.9
Secondary products .....		3532-Z89	06/81	117.5	117.5	119.7	4.5	1.9
Construction machinery .....		3532-S	06/81	113.2	114.5	114.6	4.6	.1
Other secondary products .....		3531-S	06/81	113.2	117.0	116.5	8.2	-.4
		3532-SSS	06/81	111.5	111.6	111.9	2.9	.3
<b>Oilfield and gasfield machinery and equipment .....</b>								
Primary products .....	3533		12/80	126.4	127.1	126.0	1.7	-.9
Rotary oilfield and gasfield drilling machinery and equipment .....		3533-P	12/80	122.2	123.1	123.4	1.7	.2
Rotary drilling surface equipment .....		3533-1	12/86	108.4	109.6	110.2	2.9	.5
Elevators, spiders, slips, hooks, links, connectors .....		3533-11	12/86	103.3	105.6	106.8	5.3	1.1
Other rotary drilling surface machinery and equipment including kelly joints .....		3533-115	12/80	132.7	137.5	137.9	10.4	.3
Rotary drilling subsurface equipment .....		3533-121	12/86	108.6	114.7	122.0	18.1	6.4
Bits .....		3533-14	12/86	113.0	113.2	113.2	.9	0
Tungsten-carbide insert bits .....		3533-141	12/80	148.9	148.9	148.9	1.0	0
Steel-toothed bits .....		3533-14101	12/80	150.2	150.2	150.2	0	0
Other subsurface drilling equipment .....		3533-14102	12/80	148.8	148.8	148.8	3.3	0
Other subsurface drilling equipment including subsea drilling risers .....		3533-149	12/86	97.6	98.6	98.4	.8	-.2
		3533-14903	12/86	95.1	96.7	96.5	.5	-.2
Other oilfield and gasfield drilling machinery and equipment and parts .....		3533-2	12/86	108.6	108.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Oilfield and gasfield production machinery and equipment .....		3533-3	12/80	116.9	117.7	117.7	.4	.0
On-land and offshore bottom support wellhead equipment .....		3533-31	12/80	125.0	125.6	125.6	.8	0
Casing and tubing heads and supports .....		3533-313	12/86	108.8	110.4	110.4	2.1	0
Rodlifting machinery and equipment - surface and subsurface .....		3533-35	12/80	99.4	103.1	103.6	4.1	.5
Sucker rods .....		3533-357	12/80	82.1	82.1	83.3	1.1	1.5
Permanent packers and accessories .....		3533-362	12/80	126.8	124.1	124.1	-7.9	0
Separating, metering, and treating equipment for oil and gas (located on well site) .....		3533-371	12/80	112.9	116.1	114.6	3.2	-1.3
Parts for oil and gas field production machinery and tools, sold separately .....		3533-382	12/86	103.4	103.7	103.8	.9	.1
Other oil and gas field production machinery and tools .....		3533-398	12/86	106.0	106.0	106.0	-.1	0
Drilling rigs .....		3533-5	12/86	100.5	100.5	100.5	1.9	0
Oilfield and gasfield derricks and well surveying machinery .....		3533-9	12/86	90.5	90.5	90.5	-5.2	0
Secondary products and miscellaneous receipts .....		3533-SM						
Miscellaneous receipts .....		3533-M	12/80	159.6	159.6	148.7	.3	-6.8
Other miscellaneous receipts .....		3533-X98	12/80	133.3	133.3	133.3	.5	0
Resales .....		3533-Z89	09/86	157.8	157.8	143.8	.3	-8.9
Secondary products .....		3533-S	12/80	122.6	122.9	123.3	5.2	.3
Valves and fittings .....		3494-S	12/86	112.3	112.7	113.6	2.4	.8
Other secondary products .....		3533-SSS	12/80	124.9	125.3	125.6	7.8	.2
Pumps and pumping equipment .....		3561-S	12/80	112.0	112.0	112.0	1.5	0
<b>Elevators and moving stairways .....</b>								
Primary products .....	3534		06/81	117.4	117.5	117.7	2.6	.2
Elevators and moving stairways, parts and attachments .....		3534-P	06/81	115.9	116.0	116.2	2.7	.2
Geared electric passenger elevators, except residence lifts .....		3534-1	06/81	115.4	115.6	115.8	2.6	.2
Hydraulic passenger elevators .....		3534-105	06/81	105.7	106.0	106.2	.7	.2
Freight elevators .....		3534-112	06/81	112.2	112.5	112.7	5.5	.2
Hydraulic freight elevators .....		3534-114	06/81	148.9	149.6	149.6	( <sup>3</sup> )	0
Other non-farm elevators, incl. sidewalk elev., dumb waiters, man lifts, residence lifts, etc. ....		3534-11415	06/81	106.9	107.5	107.5	( <sup>3</sup> )	0
Parts and attachments for elevators and moving stairways (sold separately) .....		3534-196	06/81	131.9	131.9	131.9	7.4	0
Miscellaneous receipts .....		3534-197	06/81	141.5	141.5	141.5	0	0
		3534-M	06/81	120.9	120.9	120.9	2.3	0
<b>Conveyors and conveying equipment .....</b>								
Primary products .....	3535		06/84	110.0	110.7	111.6	3.0	.8
		3535-P	06/84	109.2	110.1	111.2	3.7	1.0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Conveyors and conveying equipment—Continued</b>								
Unit handling conveyors and conveying systems, except hoists and farm elevators .....		3535-3	06/84	106.4	107.2	107.3	1.5	0.1
Gravity conveyors (skate wheel and roller) .....		3535-311	06/84	104.8	106.9	108.0	2.7	1.0
Trolley conveyors (overhead systems) .....		3535-312	06/84	106.0	( <sup>3</sup> )	106.0	.1	( <sup>3</sup> )
Light to medium duty .....		3535-31211	12/88	100.0	( <sup>3</sup> )	100.0	( <sup>3</sup> )	( <sup>3</sup> )
Powered conveyors (belt and roller) .....		3535-314	06/84	104.5	105.6	105.5	1.6	-.1
Light to medium duty .....		3535-31411	06/84	106.2	107.5	107.4	1.6	-.1
Heavy duty .....		3535-31412	06/84	101.8	102.6	102.6	( <sup>3</sup> )	0
All other conveyors, such as pallet .....		3535-317	06/84	113.0	114.1	114.3	1.1	.2
Parts and accessories for unit handling conveyors and conveying systems (sold separately) .....		3535-4	06/84	122.9	122.9	122.9	10.1	0
Bulk material handling conveyors and conveying systems, except hoists and farm elevators .....		3535-5	06/84	108.5	108.8	111.3	3.5	2.3
Conveyors and elevators .....		3535-511	06/84	108.2	108.9	111.3	4.0	2.2
Belt conveyors and systems .....		3535-51111	06/84	111.3	112.3	113.4	3.6	1.0
Screw conveyors .....		3535-51112	08/84	105.1	108.8	108.8	( <sup>3</sup> )	0
Bucket elevators .....		3535-51113	06/84	111.0	111.0	111.0	-.8	0
Pneumatic conveyors .....		3535-51114	08/84	104.2	104.2	117.0	( <sup>3</sup> )	12.3
Portable conveyors, except farm .....		3535-51115	06/84	100.0	100.0	100.0	( <sup>3</sup> )	0
Vibrating conveyors .....		3535-51117	09/84	100.0	95.7	95.7	( <sup>3</sup> )	0
All other conveyors and elevators, such as apron, flight, and drag .....		3535-51118	06/84	107.8	107.8	109.0	3.2	1.1
Unloading and reclaiming systems .....		3535-512	06/84	117.2	112.5	117.6	( <sup>3</sup> )	4.5
Vibrating feeders .....		3535-51212	12/88	100.0	100.0	109.1	( <sup>3</sup> )	9.1
Loading and storing systems .....		3535-513	06/84	104.4	( <sup>3</sup> )	104.8	.6	( <sup>3</sup> )
Parts and access. for bulk material handling conveyors and conveying systems, sold separately .....		3535-6	06/84	114.7	117.5	118.5	8.5	.9
Belt conveyor idlers .....		3535-611	06/84	117.3	118.2	118.2	8.3	0
All other parts, attachments, and accessories, sold separately .....		3535-613	06/84	113.8	117.5	118.9	9.3	1.2
Secondary products and miscellaneous receipts .....		3535-SM						
Miscellaneous receipts .....		3535-M	06/84	107.8	107.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3535-S	06/84	119.5	120.1	120.1	1.1	0
<b>Hoists, cranes and monorails</b> .....	<b>3536</b>							
Primary products .....		3536-P	12/84	108.0	108.4	108.3	2.0	-.1
Hoists .....		3536-1	12/84	111.7	111.9	111.9	1.1	0
Hand chain hoists, ratchet lever, and wire rope pullers .....		3536-111	12/84	118.4	119.3	119.3	5.7	0
Electric chain hoists (roller and link) .....		3536-113	12/84	114.8	114.8	114.8	5.0	0
Electric wire rope hoists .....		3536-116	12/84	108.1	108.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other hoists .....		3536-138	12/84	109.7	109.7	109.7	-1.5	0
Parts and attachments for hoists (sold separately) .....		3536-145	12/84	113.1	113.1	113.1	2.2	.0
Overhead traveling cranes and monorail systems .....		3536-2	12/84	106.1	107.0	107.0	4.2	0
Cranes, except construction power cranes .....		3536-21	12/84	107.0	108.1	108.1	4.8	0
Electric overhead traveling cranes .....		3536-212	12/84	107.0	108.1	108.1	5.0	0
Single top running bridge type .....		3536-21207	12/84	100.8	100.8	100.8	1.1	0
Double top running bridge type .....		3536-21208	12/84	107.8	108.8	108.8	5.9	0
Under running bridge type .....		3536-21209	12/84	113.0	113.0	113.0	4.0	0
Other overhead traveling cranes .....		3536-216	12/84	107.6	107.6	107.6	2.9	0
Parts and attachments for cranes and monorail systems (sold separately) .....		3536-26	12/84	99.8	100.0	100.0	.8	0
Secondary products and miscellaneous receipts .....		3536-SM						
Miscellaneous receipts .....		3536-M	12/84	104.0	104.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3536-S	12/84	101.1	101.1	101.1	.1	0
<b>Industrial trucks and tractors</b> .....	<b>3537</b>							
Primary products .....		3537-P	12/79	126.5	128.2	128.9	5.2	.5
Industrial trucks and tractors, motorized and hand powered .....		3537-1	12/79	126.1	127.7	128.5	5.0	.6
Internal combustion trucks and tractors .....		3537-1A	12/79	121.7	123.9	124.2	5.7	.2
Internal combustion trucks .....		3537-13	12/79	121.4	123.6	123.9	5.7	.2
Internal combustion trucks under 6000 lb. capacity .....		3537-136	12/79	114.2	118.2	118.0	6.6	-.2
Internal combustion trucks, 6000 - 14,999 lb. capacity .....		3537-137	12/79	122.6	124.6	125.3	5.2	.6
Internal combustion trucks, over 14,999 lb. capacity .....		3537-138	12/79	144.9	144.6	144.9	5.4	.2
Motorized handtrucks .....		3537-111	12/79	116.8	117.8	117.8	3.7	0
Operator-riding electric trucks .....		3537-123	12/79	118.2	119.8	119.9	4.6	.1
Other powered trucks and tractors .....		3537-149	12/86	108.5	108.5	108.5	4.6	0
Handlift trucks, handtrucks, trailers, and dollies .....		3537-16	12/79	147.1	147.1	147.1	6.7	0
Other handtrucks, trailers, and dollies .....		3537-165	12/79	141.9	141.9	141.9	6.6	0
All other industrial trucks and tractors .....		3537-197	12/86	99.7	99.7	103.2	3.5	3.5
Parts, attachments, and accessories for industrial trucks and tractors .....		3537-3	12/86	105.5	107.1	107.8	5.2	.7
Secondary products and miscellaneous receipts .....		3537-SM						
Miscellaneous receipts .....		3537-M	12/86	115.4	118.5	118.5	14.6	0
Resales .....		3537-Z89	12/86	96.1	99.4	99.2	1.0	-.2
Secondary products .....		3537-S	12/79	117.4	119.2	119.2	1.5	0
<b>Machine tools, metal cutting types</b> .....	<b>3541</b>							
Primary products .....		3541-P	06/83	118.0	119.4	119.4	5.4	0
Boring machines .....		3541-1	06/83	117.2	118.2	118.2	4.9	0
Drilling machines .....		3541-2	06/83	105.1	105.2	107.6	4.5	2.3
All drilling machines valued at \$2500 each or more .....		3541-2B	06/83	111.6	111.6	112.2	3.4	.5
Multiple spindle drilling machines .....		3541-261	06/83	109.7	109.7	110.2	3.4	.5
			08/83	109.8	109.8	109.8	2.7	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Machine tools, metal cutting types—Continued</b>								
Adjustable joint and fixed center types .....		3541-26152	08/83	113.4	113.4	113.4	( <sup>3</sup> )	0
Grinding, polishing, buffing, honing, and lapping machines .....		3541-4	06/83	131.3	131.9	132.2	9.3	.2
All grinding, polishing, buffing, honing, and lapping machines valued under \$2500 .....		3541-4A	06/83	140.6	140.6	140.6	7.2	0
All grinding, polishing, buffing, honing, and lapping machines valued under \$2500 each .....		3541-401	06/83	140.6	140.6	140.6	7.2	0
All grinding, polishing, buffing, honing, and lapping machines valued at \$2500 each or more .....		3541-4B	06/83	130.9	131.5	131.9	9.4	.3
External cylindrical grinding machines .....		3541-409	06/83	140.4	141.0	141.0	8.7	0
Plain, including angular wheel types .....		3541-40911	06/88	116.0	117.1	117.1	( <sup>3</sup> )	0
Internal cylindrical grinding machines, including centerless plain and chucking type .....		3541-423	06/83	125.8	126.2	126.2	( <sup>3</sup> )	0
Surface grinding machines, all types .....		3541-431	06/88	105.8	106.7	107.7	( <sup>3</sup> )	.9
Tool and cutter grinding machines .....		3541-452	07/83	114.1	114.1	116.8	9.6	2.4
All other grinding machines, n.e.c., including thread grinding machines .....		3541-492	06/83	130.5	132.7	132.4	( <sup>3</sup> )	-.2
Turning machines (lathes), all types .....		3541-5	06/83	106.2	107.6	106.7	5.4	-.8
Horizontal numerically controlled turning machines, valued at \$2500 each or more .....		3541-519	06/83	99.4	99.9	97.8	2.0	-2.1
Horizontal spindle numerically controlled turning machines, small .....		3541-51911	06/83	95.0	95.8	95.6	2.8	-.2
Vertical numerically controlled turning machines, valued at \$2500 each or more .....		3541-528	06/83	100.5	100.5	100.9	10.6	.4
Vertical spindle turning machines .....		3541-52824	06/83	98.1	98.1	98.5	( <sup>3</sup> )	.4
Non-numerically controlled turning machines .....		3541-59	06/83	112.4	115.7	115.7	7.0	0
All lathes (turning machines) valued at \$2500 each or more .....		3541-59B	06/83	112.6	115.9	115.9	7.0	0
Milling machines .....		3541-6	06/83	110.4	113.0	113.0	3.1	0
All milling machines valued at \$2500 each or more .....		3541-6B	06/83	110.4	113.0	113.0	3.1	0
General purpose, knee or bed .....		3541-621	06/83	106.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other metal cutting type machine tools .....		3541-7	06/83	124.4	125.6	125.1	4.5	-.4
Machining centers .....		3541-71	06/83	107.8	109.3	109.4	4.5	.1
Drill, mill, bore, horizontal (automatic tool change) .....		3541-716	06/83	111.1	112.9	113.1	6.0	.2
Y - axis travel less than 27 inches .....		3541-71611	06/83	119.6	119.6	121.5	( <sup>3</sup> )	1.6
Y - axis travel 27 inches through 40 inches .....		3541-71613	06/83	102.7	102.7	102.7	( <sup>3</sup> )	0
Y - axis travel over 40 inches .....		3541-71615	06/83	110.1	115.0	113.9	( <sup>3</sup> )	-1.0
Station type machines .....		3541-732	06/83	135.1	136.1	135.3	4.7	-.6
Dial or rotary, trunnion and center column .....		3541-73231	06/83	114.9	115.5	114.9	( <sup>3</sup> )	-.5
Transfer .....		3541-73235	06/83	138.8	139.9	139.1	( <sup>3</sup> )	-.6
Other metal cutting machine tools .....		3541-79	06/83	115.4	116.7	116.1	3.9	-.5
All other metal cutting machine tools, n.e.c. valued at \$2500 each or more .....		3541-79B	06/83	115.4	116.8	116.1	3.5	-.6
Sawing and cutoff machines .....		3541-794	06/83	117.4	117.4	118.1	.9	.6
Miscellaneous metal cutting machine tools .....		3541-797	06/83	134.5	134.5	135.5	9.1	.7
Parts for metal cutting type machine tools, sold separately, and rebuilt machine tools .....		3541-9	06/83	115.1	115.6	116.1	( <sup>3</sup> )	.4
Parts for metal cutting type machine tools, sold separately .....		3541-911	06/83	115.2	115.6	116.3	2.6	.6
Secondary products and miscellaneous receipts .....		3541-SM						
Miscellaneous receipts .....		3541-M	06/83	118.6	130.1	130.4	16.3	.2
Contract work and other miscellaneous receipts .....		3541-XY9	06/88	109.2	128.7	128.7	( <sup>3</sup> )	0
Resales .....		3541-289	06/83	114.5	114.5	115.1	2.6	.5
Secondary products .....		3541-S	06/83	122.4	123.2	122.7	3.6	-.4
<b>Metal forming machine tools</b>								
Primary products .....	3542	3542-P	06/81	124.2	126.6	126.6	4.1	0
Punching, shearing, bending, and forming machines .....		3542-1	06/81	125.3	128.1	128.1	4.1	0
Bending and forming machinery .....		3542-131	06/81	116.0	117.4	117.4	1.7	0
Press brakes .....		3542-13113	06/81	115.0	116.3	116.3	1.8	0
Other bending and forming machines including folders .....		3542-13118	12/86	131.9	132.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Presses, except forging .....		3542-2	06/81	105.7	108.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Mechanical presses .....		3542-211	06/81	120.7	123.4	123.4	4.2	0
Open back inclinable-gap type .....		3542-2111	06/81	115.8	118.8	118.8	3.9	0
Vertical, straight-sided and arch frame .....		3542-21111	06/81	125.1	137.4	137.4	15.3	0
Hydraulic presses .....		3542-21112	06/81	116.4	122.9	122.9	8.8	0
Rebuilt metal forming machine tools and parts for metal forming machine tools .....		3542-212	06/81	132.7	134.8	134.8	4.9	0
Parts for metal forming machine tools .....		3542-4	06/81	134.7	139.6	139.6	5.0	0
Secondary products and miscellaneous receipts .....		3542-413	06/81	134.9	138.6	138.6	4.4	0
Secondary products .....		3542-SM						
Secondary products .....		3542-S	06/81	124.8	124.8	124.8	4.1	0
<b>Industrial patterns</b>								
Primary products .....	3543	3543-P	12/84	107.6	107.8	110.2	4.5	2.2
Industrial patterns, except shoe patterns .....		3543-1	12/84	107.4	107.6	110.1	4.3	2.3
Foundry patterns .....		3543-115	12/84	107.4	107.6	110.1	4.3	2.3
All other industrial patterns, except shoe patterns .....		3543-198	12/84	106.1	106.1	109.1	4.8	2.8
Secondary products and miscellaneous receipts .....		3543-SM	12/84	112.9	113.5	114.7	3.1	1.1
Secondary products .....		3543-S	12/84	109.1	111.2	111.2	7.0	0

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Special tools, dies, jigs, fixtures and industrial molds .....	3544		06/81	119.9	120.3	120.9	2.8	0.5
Primary products .....		3544-P	06/81	120.7	121.1	121.7	3.0	.5
Special tools, dies, jigs and fixtures .....		3544-1	06/81	123.1	123.6	124.5	3.9	.7
Jigs and fixtures, all types .....		3544-11	06/81	136.9	137.2	141.3	5.6	3.0
All other jigs and fixtures (holding, positioning, layout, assembly), under 1,000 pounds .....		3544-117	06/81	113.8	113.8	124.5	14.6	9.4
Dies, metal cutting only .....		3544-12	06/81	119.0	119.6	119.6	4.0	0
Forming and drawing dies .....		3544-1E	06/81	125.5	125.6	125.6	5.1	0
Forming and drawing dies, 500 pounds weight and under .....		3544-122	06/81	128.9	129.3	129.3	1.5	0
Stamping dies, including lamination and blanking dies .....		3544-1F	06/81	109.9	110.3	110.3	3.7	0
Stamping dies, progressive type, high-speed steel .....		3544-127	06/81	105.3	106.4	106.4	2.2	0
Stamping dies, progressive type, other steel including carbide .....		3544-128	12/86	101.4	101.4	101.4	1.4	0
All other stamping type dies (punch, trim, notch, perforate, etc.) .....		3544-129	06/81	112.7	112.7	112.7	4.6	0
Components and parts for dies .....		3544-1K	12/86	106.3	( <sup>3</sup> )	105.7	3.0	( <sup>3</sup> )
Other components and parts for dies, including standard punches, springs, etc. ....		3544-179	06/81	125.7	( <sup>3</sup> )	124.6	1.1	( <sup>3</sup> )
Other specially designed tooling, prototypes, and models .....		3544-19	10/82	112.7	112.7	112.7	0	0
Industrial molds .....		3544-2	06/81	115.9	116.2	116.2	1.4	0
Metal industrial molds for casting metal .....		3544-21	06/81	117.9	117.9	117.9	1.5	0
Metal diecasting molds .....		3544-211	06/81	119.4	119.4	119.4	1.4	0
Metal industrial molds for molding rubber, including tire molds .....		3544-23						
Metal industrial molds for molding plastic .....		3544-25	06/81	112.6	113.0	113.0	.9	0
Metal injection molds for plastic .....		3544-251	06/81	112.3	112.8	112.9	1.1	.1
Secondary products and miscellaneous receipts .....		3544-SM						
Secondary products .....		3544-S	06/81	110.9	110.9	112.3	2.0	1.3
Other secondary products .....		3544-SSS	06/81	109.7	109.7	109.7	.5	0
Machine tool accessories .....	3545		06/83	110.1	111.3	112.0	3.3	.6
Primary products .....		3545-P	06/83	109.3	110.1	110.7	3.2	.5
Small cutting tools for machine tools and metalworking machinery .....		3545-1	06/83	107.2	107.7	108.0	2.7	.3
Twist drills, gun drills, combined drills, countersinks and counterbores .....		3545-12	06/83	108.5	108.9	109.3	2.3	.4
Twist drills .....		3545-121	06/83	107.5	107.6	108.1	1.5	.5
Carbon steel and high speed steel .....		3545-1211	06/83	107.3	107.3	107.9	1.7	.6
1/2 inch and under diameter, straight shank .....		3545-12117	06/83	109.6	109.6	110.4	2.0	.7
Over 1/2 inch diameter, taper shank .....		3545-12118	06/83	103.8	104.5	104.5	2.5	0
Over 1/2 inch diameter, straight shank .....		3545-12119	09/83	98.5	98.5	98.5	( <sup>3</sup> )	0
Carbide, solid and tipped, excluding blanks and tips sold separately and masonry drills .....		3545-12121	09/83	112.6	112.7	113.3	.9	.5
Gun drills, combined drills, countersinks and counterbores .....		3545-122	06/83	113.2	114.7	114.7	6.0	0
Reamers, all types, excluding gun reamers .....		3545-13	06/83	104.8	106.2	106.3	2.3	.1
High speed steel, including blades sold separately .....		3545-133	06/83	105.4	107.7	107.7	3.7	0
Carbide, solid and tipped, excluding tips and blanks sold separately .....		3545-136	11/83	102.6	102.6	103.1	( <sup>3</sup> )	.5
End mills and milling cutters .....		3545-15	06/83	108.5	109.0	109.0	.8	0
End mills, solid and tipped, die sinking, contour, router, tracer, hollow mills, etc. ....		3545-151	06/83	106.6	107.5	107.5	1.4	0
High speed steel .....		3545-1511	06/83	108.8	109.5	109.5	1.5	0
Carbide, solid and tipped, excluding blades sold separately .....		3545-1512	09/83	97.4	98.7	98.8	1.2	.1
Single and double point tools and circular form tools .....		3545-16	06/83	122.2	123.4	123.9	6.3	.4
Circular form tools, including semifinished blanks .....		3545-161	06/83	109.5	110.3	111.9	( <sup>3</sup> )	1.5
Single and double point tools .....		3545-162	06/83	125.6	127.0	127.0	6.7	0
Other materials .....		3545-16268	06/83	128.6	135.3	135.3	13.6	0
Threading tools .....		3545-17	06/83	106.8	108.0	108.5	2.0	.5
Taps, excluding taps in threading sets and screw plates and inserted chaser types .....		3545-171	06/83	107.0	107.8	107.8	1.2	0
High speed steel .....		3545-1712	06/83	105.8	106.7	106.7	1.3	0
Ground thread .....		3545-17122	06/83	105.8	106.9	106.9	1.2	0
Dies, with two or more thread-forming edges integral with the body .....		3545-173	06/83	110.1	112.1	115.7	5.1	3.2
Blanks, tips, and inserts .....		3545-18	06/83	104.6	105.0	105.0	2.7	0
Molded blanks and tips, including carbide, cast alloy, and ceramic .....		3545-181	06/83	87.5	89.1	89.1	4.2	0
Inserts, indexable, and throwaway types .....		3545-182	06/83	110.8	110.8	110.8	( <sup>3</sup> )	0
Carbide .....		3545-1821	06/83	110.6	110.6	110.6	2.5	0
Utility ground .....		3545-18211	06/83	109.0	109.0	109.0	( <sup>3</sup> )	0
Precision ground .....		3545-18213	06/83	113.2	113.2	113.2	( <sup>3</sup> )	0
Pressed to size, including inserts with center holes and with molded chip breakers .....		3545-18214	06/83	105.3	105.3	105.3	7.0	0
Other types of cutting tools for machine tools, including rotary burrs, files and spade drills .....		3545-19	06/83	107.3	107.4	108.2	5.7	.7
Carbon steel .....		3545-192	06/83	116.9	116.9	119.2	( <sup>3</sup> )	2.0
High speed steel .....		3545-194	06/83	107.7	107.7	107.7	3.6	0
Carbide, solid and tipped, excluding tips and blanks sold separately .....		3545-198	06/83	99.8	100.2	100.6	.6	.4
Precision measuring tools (inspection, quality control, tool room, and machinists' tools) .....		3545-2	06/83	119.1	121.2	121.4	3.3	.2
Fixed size limit gauges, thread type .....		3545-215	06/83	94.9	95.7	96.9	( <sup>3</sup> )	1.3
Dial indicators .....		3545-261	06/83	123.7	126.7	126.7	( <sup>3</sup> )	0
Other machinists' precision tools, incl. dividers and surface texture measuring machines .....		3545-299	06/88	101.4	103.8	103.8	( <sup>3</sup> )	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Machine tool accessories—Continued</b>								
Other attachments and accessories for machine tools and metalworking machinery .....		3545-3	06/83	112.4	113.1	114.8	4.3	1.5
Tool holders .....		3545-31	06/83	112.8	114.0	113.9	4.4	-1
Turning tool holders (mechanically clamping for inserts and bits), except box tools .....		3545-312	06/83	112.1	112.3	112.3	3.3	0
Boring bars and heads .....		3545-314	06/83	114.5	115.0	115.0	3.2	0
Special tooling and attachments for screw and automatic machines .....		3545-316	06/83	108.5	108.5	108.8	( <sup>3</sup> )	.3
Drilling, reaming, and tapping chucks .....		3545-317	06/83	101.6	101.6	101.6	( <sup>3</sup> )	0
Other tool holders, including other chucks, drill heads, tool posts, turrets, sleeves, etc. ....		3545-318	06/83	120.4	123.6	123.2	7.3	-3
Work holding devices .....		3545-34	06/83	110.0	110.5	115.4	6.1	4.4
Other work holding and positioning devices, including vises, mandrels, clamps, stops, etc. ....		3545-349	06/83	110.2	110.8	117.0	7.5	5.6
Other attachments and accessories and tool room specialties .....		3545-399	06/88	100.6	100.9	102.1	( <sup>3</sup> )	1.2
Secondary products and miscellaneous receipts .....		3545-SM						
Miscellaneous receipts .....		3545-M	01/87	108.1	111.0	111.0	( <sup>3</sup> )	0
Resales .....		3545-Z89	01/87	109.9	114.6	114.6	( <sup>3</sup> )	0
Secondary products .....		3545-S	06/83	111.7	114.8	119.1	7.9	3.7
<b>Power driven hand tools</b>								
Primary products .....	3546		12/80	134.2	134.6	134.7	4.2	.1
Power driven hand tools, electric and battery powered .....		3546-P	12/80	131.7	132.2	132.1	3.9	-1
Circular saws: armature mounted primarily on sleeve bearings .....		3546-1	12/80	129.9	129.9	129.9	3.8	0
Impact wrenches .....		3546-112	12/80	103.8	103.8	103.8	4.4	0
Drills: armature mounted primarily on other than sleeve bearings .....		3546-125	12/80	155.1	155.1	155.1	.2	.0
Over 1/4 inch chuck size to under 1/2 inch .....		3546-182	12/80	135.9	135.9	135.9	4.3	0
Grinders, polishers, and circular sanders except bench grinders .....		3546-18207	12/80	125.9	125.9	125.9	7.4	0
Right angle grinders, polishers, and circular sanders .....		3546-183	12/80	151.7	153.5	153.5	3.2	0
Sanders, except circular .....		3546-18326	12/80	157.3	159.9	159.9	3.1	0
Belt .....		3546-184	12/80	135.9	135.9	135.9	4.6	0
Oscillating, reciprocating and vibrating .....		3546-18433	12/80	141.8	141.8	141.8	8.0	0
Power driven hand tools, pneumatic, hydraulic and powder actuated .....		3546-18434	12/80	130.7	130.7	130.7	1.6	0
Drills, screwdrivers, nutrunners - pneumatic .....		3546-2	12/80	139.9	141.9	141.7	4.0	-1
Grinders, polishers, sanders - pneumatic .....		3546-238	12/80	142.1	144.0	146.0	4.0	1.4
Other pneumatic powered hand tools and hydraulic powered hand tools .....		3546-243	12/80	145.5	148.2	146.8	1.9	-9
Parts, attachments, and accessories for pneumatic, hydraulic and powder actuated tools .....		3546-249	12/80	143.5	143.5	143.5	6.2	0
Secondary products and miscellaneous receipts .....		3546-255	12/80	147.2	147.0	147.0	4.2	0
Secondary products .....		3546-SM						
Secondary products .....		3546-S	12/80	128.9	129.4	131.0	4.1	1.2
<b>Rolling mill machinery</b>								
Primary products .....	3547		12/81	120.6	124.6	124.6	9.4	0
Hot rolling mill machinery, except tube rolling .....		3547-P	12/81	122.5	125.1	125.1	8.1	0
Hot rolling mill machinery, except tube rolling .....		3547-1						
<b>Metalworking machinery, not elsewhere classified</b>								
Primary products .....	3549		06/83	118.9	120.8	121.2	4.8	.3
Assembly machines .....		3549-P	06/83	118.7	120.9	121.1	4.9	.2
In-line transfer, synchronous .....		3549-2	06/83	116.0	116.4	116.3	3.2	-1
Special purpose and all other types .....		3549-215	11/84	112.8	113.4	112.8	3.4	-5
Welding and cutting apparatus, except electric .....		3549-219	06/83	114.7	114.7	115.5	3.6	.7
Gas welding and cutting equipment .....		3549-3	06/83	120.7	122.4	122.4	4.7	0
Torches, including welding torches and gas air torches .....		3549-36	06/83	119.6	120.1	121.0	3.6	.7
Other gas welding and cutting equipment, exclude pressure containers, include kits .....		3549-361	08/83	111.9	113.6	113.6	2.4	0
Spare parts, accessories, attachments, adaptors, etc., n.e.c., sold separately .....		3549-369	06/83	118.8	118.8	119.0	3.1	.2
Tips .....		3549-37	06/83	122.4	126.0	124.6	6.4	-1.1
Cutting tip .....		3549-371	06/83	117.0	117.0	117.0	6.0	0
Regulators, gas pressure .....		3549-37156	06/83	117.0	117.0	117.0	6.0	0
All others .....		3549-377	06/83	126.2	127.6	127.6	7.4	0
Spare parts, accessories, attachments, adaptors, except for gas equip., sold separately .....		3549-378	10/83	123.9	132.6	128.6	5.8	-3.0
Automotive maintenance equipment .....		3549-391	06/83	102.8	102.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Wheel balancers .....		3549-4	06/83	109.7	111.9	112.8	3.7	.8
Parts for automotive maintenance equipment .....		3549-422	06/83	96.0	96.9	96.9	3.3	0
All other automotive maintenance equipment .....		3549-428	06/83	120.3	120.3	124.6	3.6	3.6
Other metalworking machinery .....		3549-429	06/83	111.4	114.8	116.2	5.2	1.2
Machines for weaving and wire fabricating and wire drawing machines and draw benches .....		3549-5	06/83	124.3	127.8	127.8	6.8	0
Coil handling equipment (conversion or straightening) .....		3549-511	06/83	128.6	138.1	138.1	8.5	0
All other metalworking machinery n.e.c. ....		3549-541	06/83	120.6	120.6	120.6	8.1	0
Secondary products and miscellaneous receipts .....		3549-598	06/83	124.6	127.6	127.6	5.3	0
Miscellaneous receipts .....		3549-SM						
Resales .....		3549-M	06/83	108.9	109.3	109.3	.4	0
Secondary products .....		3549-Z89	06/83	117.1	117.8	117.8	.6	0
Secondary products .....		3549-S	06/83	128.0	128.2	130.2	5.5	1.6
<b>Special industry machinery, except metalworking machinery</b>								
	355		12/84	115.4	116.9	117.3	4.8	.3

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Textile machinery .....	3552		12/80	143.3	144.5	146.2	4.1	1.2
Primary products .....		3552-P	12/80	144.4	145.7	147.7	4.3	1.4
Textile machinery .....		3552-1	12/80	148.5	149.1	151.2	5.9	1.4
Fiber-to-fabric textile machinery .....		3552-1B	06/86	106.3	107.4	107.5	3.6	.1
Other fiber to fabric machinery, except parts and attachments .....		3552-154	06/86	105.2	105.5	105.6	2.9	.1
Other textile machinery .....		3552-1C	06/86	112.9	112.9	112.9	6.2	0
Bleaching, dyeing, and finishing equipment .....		3552-185	12/80	137.9	137.9	137.9	11.3	0
Other textile machinery .....		3552-199	12/80	134.0	134.0	134.0	1.5	0
Parts and attachments for textile machinery .....		3552-2	12/80	140.4	142.5	144.5	3.0	1.4
Textile machinery turnings and shapes .....		3552-211	12/80	180.4	180.4	180.4	4.3	0
Parts and attachments for other textile machinery, including printing .....		3552-299	12/80	124.6	124.6	132.4	6.3	6.3
Woodworking machinery .....	3553		12/80	123.2	123.9	123.9	4.9	0
Primary products .....		3553-P	12/80	127.3	128.0	128.0	4.6	.0
Woodworking machinery, excluding home workshop types, incl. parts .....		3553-1	12/80	117.6	118.8	118.8	3.5	0
Sawmill equipment .....		3553-112	12/80	124.0	125.2	125.2	4.9	0
Sawing machines, except sawmill equipment .....		3553-162	12/80	126.0	126.0	126.0	-1.4	0
Straight-line machinery, including jointers, moulders, planers, sanders, surfacers, etc. ....		3553-173	12/80	127.6	131.5	131.3	5.2	-2
Boring machinery, carving machinery, dovetailers, mortisers, routers, shapers, and tenoners .....		3553-175	12/80	119.1	118.4	118.4	.4	0
Parts, attachments and accessories: cutting tools other than saw blades .....		3553-185	12/80	76.6	( <sup>3</sup> )	76.3	-4	( <sup>3</sup> )
All other parts, attachments, and accessories, excluding saw blades ..		3553-187	12/80	111.3	115.1	114.7	8.1	-3
Other woodworking machinery, including lathes, clamping machinery, presses, roll coaters, etc. ....		3553-198	12/80	155.2	154.8	155.2	4.5	.3
Secondary products and miscellaneous receipts .....		3553-SM						
Miscellaneous receipts .....		3553-M	04/81	51.6	51.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Resales .....		3553-Z89	04/81	51.6	51.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3553-S	12/80	132.1	133.8	134.1	9.4	.2
Paper industries machinery .....	3554		06/82	126.8	128.9	130.1	8.6	.9
Primary products .....		3554-P	06/82	124.6	127.1	128.6	9.7	1.2
Pulp mill machinery .....		3554-2	06/82	115.5	122.0	122.7	11.3	.6
Parts and attachments for pulp mill machinery (sold separately) .....		3554-281	06/82	110.0	117.2	118.4	10.7	1.0
Papermill machinery .....		3554-3	06/82	127.2	128.2	131.1	13.0	2.3
Paper machines .....		3554-342	06/82	137.3	137.3	141.2	15.3	2.8
Parts and attachments for papermill machinery (sold separately) .....		3554-381	06/82	110.7	112.9	114.7	9.3	1.6
Paper and paperboard converting equipment .....		3554-4	06/82	129.2	131.8	132.3	6.3	.4
Corrugated boxmaking machines, including corrugators .....		3554-453	06/82	130.6	132.3	132.3	5.6	0
Other paper/paperboard equip., incl. drum, can and tubemaking, coating and laminating mach. ....		3554-459	06/82	124.1	127.9	128.7	7.7	.6
Parts and attachments for paper and paperboard converting mach. (sold separately) .....		3554-481	06/82	138.2	140.2	140.3	3.9	.1
Secondary products and miscellaneous receipts .....		3554-SM						
Miscellaneous receipts .....		3554-M	06/82	141.9	142.5	142.7	1.0	.1
Secondary products .....		3554-S	06/82	128.4	128.8	128.8	7.2	0
Printing trades machinery .....	3555		12/82	123.3	124.0	123.9	2.9	-1
Primary products .....		3555-P	12/82	122.6	123.5	123.4	3.0	-1
Lithographic printing presses .....		3555-1	12/82	135.4	135.5	135.5	2.5	0
Web-fed .....		3555-13	12/88	101.5	101.6	101.6	( <sup>3</sup> )	0
Newspaper presses, web-fed .....		3555-132	08/83	130.2	( <sup>3</sup> )	130.2	3.0	( <sup>3</sup> )
Business forms presses, web-fed .....		3555-133	12/82	148.2	148.2	148.2	2.3	0
Commercial presses, web-fed .....		3555-135	12/82	120.6	120.9	120.9	2.1	0
Printing presses, other than lithographic .....		3555-2	12/82	120.8	125.2	125.2	4.3	0
Flexographic presses, sheet-fed and web-fed .....		3555-238	12/82	126.0	126.6	126.6	( <sup>3</sup> )	0
Typesetting machinery and equipment, excluding justifying typewriters ..		3555-3	12/88	100.0	99.1	99.1	( <sup>3</sup> )	0
Photographic typesetting machinery, including integral computer .....		3555-343	12/88	100.0	99.0	99.0	( <sup>3</sup> )	0
Binding machinery and equipment .....		3555-6	12/88	100.5	102.0	103.0	( <sup>3</sup> )	1.0
Saddle, perfect and hardcase binding equipment .....		3555-661	12/88	100.0	101.4	103.1	( <sup>3</sup> )	1.7
Other binding machinery and equipment, incl. folding equipment .....		3555-665	12/82	134.5	135.3	135.3	( <sup>3</sup> )	0
Collating and gathering machines .....		3555-667	12/82	( <sup>3</sup> )	132.3	134.5	( <sup>3</sup> )	1.7
Printing trades machinery, n.e.c. ....		3555-7	12/88	100.0	101.4	100.6	( <sup>3</sup> )	-8
Parts, attachments and accessories for printing presses, incl. dryers, folders and reels .....		3555-783	12/82	130.0	131.1	130.0	4.3	-8
Parts, attachments and accessories for bindery machinery .....		3555-787	12/82	125.3	125.6	125.6	( <sup>3</sup> )	0
Parts, attachments and accessories for other printing trades machinery .....		3555-789	12/82	115.7	120.5	120.5	-1.1	0
Other printing machinery and equipment, including platens .....		3555-799	12/82	109.1	109.1	106.8	-3.0	-2.1
Secondary products and miscellaneous receipts .....		3555-SM						
Miscellaneous receipts .....		3555-M	12/82	132.5	132.5	132.5	1.3	0
Contract work and other miscellaneous receipts .....		3555-XY9	12/88	100.0	100.0	100.0	( <sup>3</sup> )	0
Resales .....		3555-Z89	12/88	101.0	101.0	101.0	( <sup>3</sup> )	0
Food products machinery .....	3556		12/83	120.7	121.8	122.2	4.3	.3
Primary products .....		3556-P	12/83	124.4	125.7	126.1	6.3	.3
Dairy and milk products plant machinery .....		3556-1	12/83	120.5	121.9	121.3	8.2	-5
Other dairy and milk machinery, including separators and sterilizing equipment .....		3556-198	12/83	116.8	116.8	116.8	4.0	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Food products machinery—Continued</b>								
Commercial food products machinery .....		3556-2	12/83	123.6	125.3	126.5	6.0	1.0
Commercial food products machinery, except bakery equipment .....		3556-2A	12/88	100.5	101.2	102.5	( <sup>3</sup> )	1.3
Slicers .....		3556-212	12/83	120.3	124.2	124.4	( <sup>3</sup> )	0
Choppers, grinders, cutters, dicers, and similar machines .....		3556-221	12/88	100.0	100.1	102.9	( <sup>3</sup> )	2.8
Other commercial food preparation machinery, including tenderizers (power driven) .....		3556-249	12/83	120.3	121.4	122.6	5.0	1.0
Bakery machinery and equipment .....		3556-2B	12/88	101.0	103.7	104.1	( <sup>3</sup> )	.4
Dough mixers .....		3556-261	12/83	124.2	124.2	124.2	( <sup>3</sup> )	0
Bake ovens .....		3556-273	12/83	109.8	112.3	112.3	( <sup>3</sup> )	0
Other bakery machinery and equipment .....		3556-292	12/88	100.0	103.2	104.0	( <sup>3</sup> )	.8
Parts and attachments for commercial food preparation machinery .....		3556-251	12/83	138.7	142.0	142.0	( <sup>3</sup> )	0
Industrial food products machinery .....		3556-3	12/83	117.1	117.9	117.9	6.6	0
Meat and poultry processing machinery .....		3556-313	12/83	118.2	119.1	118.7	2.2	-.3
Preparation machinery (fruit and vegetable canning) .....		3556-323	12/83	104.0	104.0	104.0	( <sup>3</sup> )	0
Other industrial food products machinery, including fish and shellfish processing machinery .....		3556-358	12/83	112.3	113.2	113.1	3.7	-.1
Parts and attachments for industrial food products machinery .....		3556-383	12/83	129.9	130.0	130.4	17.7	.3
Secondary products and miscellaneous receipts .....		3556-SM						
Miscellaneous receipts .....		3556-M	12/83	87.7	87.9	87.9	-8.7	0
Resales .....		3556-Z89	12/83	85.5	85.9	85.9	-10.8	0
Secondary products .....		3556-S	12/83	132.9	133.7	134.0	3.7	.2
<b>Special industry machinery, n.e.c.</b>								
Primary products .....	3559		12/81	130.1	132.4	132.7	4.7	.2
Chemical manufacturing industries machinery, equipment, and parts .....		3559-P	12/81	128.5	129.9	130.2	3.7	.2
Chemical mixers .....		3559-1	12/81	119.4	126.0	126.0	8.3	0
Foundry machinery and equipment, including parts, excluding patterns and molds .....		3559-112	12/81	107.9	107.9	107.9	2.5	0
Other foundry machinery and equipment, including core-making machines and flasks .....		3559-2	12/81	130.3	130.6	130.6	2.8	0
Plasticsworking machinery and equipment, and parts, excluding patterns and molds .....		3559-296	06/87	107.9	108.3	108.3	5.0	0
Extrusion machines .....		3559-3	12/81	132.5	133.9	134.1	4.0	.1
Injection molding machines .....		3559-333	12/81	139.7	142.8	142.8	6.8	0
Other plasticsworking machinery and equipment .....		3559-351	12/81	140.3	140.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Granulators and pelletizers .....		3559-371	06/87	105.0	106.1	106.2	2.9	.1
Other plasticsworking machinery .....		3559-379	06/87	107.3	107.3	108.5	4.3	1.1
Parts for plasticsworking machinery .....		3559-381	06/87	105.0	106.5	106.5	3.1	0
Rubberworking machinery and equipment, and parts, excluding molds .....		3559-381	06/87	105.0	106.1	106.8	4.1	.7
Other special industry machinery and equipment, and parts, n.e.c. ....		3559-4	12/81	118.6	118.6	118.6	-3	0
Tobacco manufacturing machinery and equipment, and parts .....		3559-5	12/81	129.5	130.2	130.5	3.2	.2
Concrete products machinery and equipment, and parts .....		3559-532	12/81	147.1	147.1	147.1	6.4	0
Glassmaking machinery and equipment, and parts .....		3559-546	12/81	123.2	123.2	124.0	5.9	.6
Fuel fired kilns (cement, wood, and chemical processing) and parts .....		3559-552	12/81	135.7	135.7	135.7	3.4	0
Semiconductor manufacturing machinery (except ovens) and parts .....		3559-592	12/81	119.4	119.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other special industry machinery, and parts .....		3559-595	06/87	102.6	102.9	102.9	2.1	0
Other special industry machinery and parts .....		3559-598	06/87	105.2	106.0	106.6	1.8	.6
Other special industry machinery and parts .....		3559-59819	06/87	104.2	104.9	105.5	1.6	.6
Secondary products and miscellaneous receipts .....		3559-SM						
Miscellaneous receipts .....		3559-M	12/81	151.0	166.7	167.5	16.6	.5
Resales .....		3559-Z89	06/83	125.2	127.4	128.0	11.1	.5
Secondary products .....		3559-S	12/81	125.4	127.3	127.2	3.5	-.1
<b>Pumps and pumping equipment</b>								
Primary products .....	3561		12/83	112.5	113.8	114.0	5.4	.2
Industrial pumps, except hydraulic fluid power pumps .....		3561-P	12/83	112.3	113.9	114.1	5.9	.2
Reciprocating pumps .....		3561-1	12/83	117.2	119.1	118.9	7.0	-.2
Power-operated, other than steam .....		3561-11	12/83	107.0	107.0	107.0	.5	0
Turbine pumps, vertical, including deep well .....		3561-113	12/83	107.0	107.0	107.0	.5	0
Submersible, over 5 hp .....		3561-12	12/83	115.9	120.8	121.4	10.9	.5
Other than submersible .....		3561-125	12/83	121.1	122.2	122.2	12.1	0
16 inch diameter bowl size and under .....		3561-129	12/83	113.6	120.2	121.0	10.3	.7
Centrifugal pumps .....		3561-12909	12/83	112.0	118.6	119.4	10.6	.7
Single stage, single suction, close coupled .....		3561-13	12/83	118.6	120.3	119.9	7.7	-.3
3/4 inch and 1 inch discharge outlet .....		3561-131	12/83	117.2	120.2	120.2	5.9	0
2 inch and 2 1/2 inch discharge outlet .....		3561-13112	12/83	112.2	119.5	119.5	7.5	0
3 inch and 4 inch discharge outlet .....		3561-13115	12/83	120.6	120.8	120.8	8.1	0
Over 4 inch discharge outlet .....		3561-13116	12/83	119.8	122.8	122.8	2.8	0
Single stage, single suction, frame mounted .....		3561-13119	12/83	98.7	98.7	98.7	.3	0
3/4 inch and 1 inch discharge outlet .....		3561-132	12/83	120.9	124.0	122.7	7.9	-1.0
2 inch and 2 1/2 inch discharge outlet .....		3561-13222	03/84	152.1	153.7	153.7	21.5	0
3 inch discharge outlet .....		3561-13224	12/83	129.8	( <sup>3</sup> )	135.2	14.4	( <sup>3</sup> )
4 inch to 6 inch discharge outlet .....		3561-13225	12/83	113.1	115.3	116.0	3.6	.6
Single stage, double suction .....		3561-13226	12/83	119.9	120.7	121.1	7.4	.3
Under 4 inch discharge outlet .....		3561-133	12/83	109.5	112.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Multistage (single or double suction) .....		3561-13342	12/83	127.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2 inch and 3 inch discharge outlet .....		3561-134	12/83	122.5	122.5	122.5	12.8	0
Submersible centrifugal pumps (except submersible sump pumps) ...		3561-13454	07/84	125.5	125.5	125.5	14.5	0
Submersible effluent pumps (less than 1 inch solids handling capacity) .....		3561-136	12/83	120.7	120.7	121.3	5.1	.5
		3561-1361	02/84	102.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Pumps and pumping equipment—Continued</b>								
Submersible solids handling pumps (solids 1 inch to 2 inch, inclusive) .....		3561-1362	12/83	127.9	127.9	127.9	10.4	0
Submersible non-clog pumps (greater than 2 inch solids handling capacity) .....		3561-1363	12/83	123.1	123.1	123.1	2.7	0
All other centrifugal pumps (including can, etc.) .....		3561-137	12/83	126.7	126.7	126.7	8.8	0
2 inch to 6 inch discharge outlet .....		3561-13766	12/83	116.3	116.3	116.3	2.9	0
Rotary pumps .....		3561-14	12/83	122.7	124.8	124.7	5.5	-1
100 p.s.i. and under, designed pressure .....		3561-141	12/83	118.2	121.5	121.3	5.8	-2
11-99 g.p.m. designed capacity .....		3561-14172	12/83	120.4	122.9	122.3	3.9	-5
101-250 p.s.i., designed pressure .....		3561-142	12/83	122.3	124.1	124.1	6.0	0
11-99 g.p.m., designed capacity .....		3561-14275	12/83	119.1	123.1	123.1	7.1	0
Diaphragm pumps, all sizes .....		3561-181	12/83	111.8	111.9	111.9	4.7	0
Other industrial pumps .....		3561-198	12/83	110.4	110.4	110.4	2.1	0
Hydraulic fluid power pumps .....		3561-2	12/83	110.9	113.2	113.2	3.9	0
Gear type .....		3561-281	12/83	106.0	107.7	107.6	3.5	-1
Internal .....		3561-28102	12/83	101.2	101.6	101.4	1.5	-2
External .....		3561-28103	12/83	108.0	110.3	110.3	4.3	0
Axial piston .....		3561-285						
Variable .....		3561-28512	12/83	112.2	114.3	114.3	4.3	0
Domestic water systems and sump pumps .....		3561-3						
Domestic water systems .....		3561-312	12/83	110.0	110.6	110.6	6.1	0
Jet pump and convertible jet pump systems .....		3561-31213	12/83	117.0	118.4	118.4	9.4	0
Submersible pump systems, 5 hp and under .....		3561-31225	12/83	104.6	105.0	105.0	4.1	0
Domestic hand and windmill pumps, pump jacks, and cylinders (sold separately) .....		3561-31271	12/83	113.9	113.9	113.9	6.2	0
Oil-well and oil-field pumps and other pumps .....		3561-5	12/83	91.8	91.8	91.8	2.8	0
Oil-well and oil field pumps, except boiler feed .....		3561-51	12/83	86.8	86.8	86.8	2.7	0
Other pumps (except automotive) such as oil burner, appliance, fire engine, etc. ....		3561-597	12/83	115.0	115.3	115.3	3.2	0
Parts and attachments for pumps and pumping equipment, excluding compressors .....		3561-6	12/83	114.0	115.5	116.5	6.7	.9
Parts and attachments for pumps and pumping equipment, excluding compressors .....		3561-613	12/83	114.0	115.5	116.5	6.7	.9
Secondary products and miscellaneous receipts .....		3561-SM						
Miscellaneous receipts .....		3561-M	12/83	113.3	113.3	113.2	3.3	-1
Resales .....		3561-Z89	12/83	110.4	111.0	110.9	3.2	-1
Secondary products .....		3561-S	12/83	113.9	114.8	115.1	2.6	.3
Valves and pipe fittings .....		3494-S	12/83	125.2	125.3	125.3	.6	0
Other secondary products .....		3561-SSS	12/83	108.4	109.7	110.1	3.8	.4
<b>Ball and roller bearings .....</b>	<b>3562</b>		<b>06/83</b>	<b>121.8</b>	<b>127.6</b>	<b>126.6</b>	<b>14.3</b>	<b>-.8</b>
Primary products .....		3562-P	06/83	120.5	125.9	124.9	12.9	-.8
Ball bearings, complete .....		3562-1	06/83	133.1	140.0	136.2	18.2	-2.7
Single row max. capacity ball bearings: annular, including self-aligning: ground or precision .....		3562-114	06/83	127.9	( <sup>3</sup> )	127.8	29.1	( <sup>3</sup> )
Angular contact ball bearings: annular, including self-aligning: ground or precision .....		3562-118	06/83	141.2	146.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other regular single row conrad ball bearings: annular, including self-aligning .....		3562-122	06/83	139.5	149.2	141.8	25.4	-5.0
Over 52 mm. O.D. to 100 mm. O.D.; ground or precision .....		3562-12205	06/83	128.4	155.7	130.8	11.6	-16.0
Over 100 mm. O.D.; ground or precision .....		3562-12207	06/83	134.1	139.8	141.5	15.7	1.2
Other precision (ABEC 5 + up) single row conrad ball bearings: annular, including self-aligning .....		3562-123	06/83	125.1	130.3	130.3	4.4	0
9 mm. O.D. thru 30 mm. O.D.; ground or precision .....		3562-12309	06/83	135.1	143.4	143.4	6.7	0
Unground, including self-aligning (less than ABEC 1) .....		3562-125	06/83	180.6	180.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Thrust ball bearings .....		3562-131	06/83	124.4	124.4	124.4	5.2	0
Ground thrust ball bearings .....		3562-13133	06/83	124.4	124.4	124.4	5.2	0
Other ball bearings .....		3562-151	06/83	135.8	151.2	152.2	17.3	.7
Taper (including thrust) roller bearings, complete .....		3562-2	06/83	109.9	109.9	109.9	7.0	0
Taper roller bearings, complete, including finished cups and cones shipped separately .....		3562-231	06/83	109.9	109.9	109.9	7.0	0
Roller bearings, except taper, complete .....		3562-3	06/83	122.8	133.4	134.2	15.7	.6
Cylindrical roller bearings .....		3562-301	06/83	117.7	131.6	131.6	18.1	0
Regular cylindrical roller bearings (ABEC 1 and 3) .....		3562-30111	06/83	117.7	131.6	131.6	18.1	0
Spherical roller bearings including hourglass and barrel .....		3562-321	06/83	120.4	131.3	134.9	20.9	2.7
Double row spherical roller bearings .....		3562-32125	06/83	127.3	141.5	146.3	26.4	3.4
Needle roller bearings .....		3562-341	06/83	131.7	139.7	139.7	12.1	0
Other roller bearings .....		3562-398	06/83	125.8	128.2	128.9	4.6	.5
Mounted bearings, except plain .....		3562-4	06/83	124.7	133.3	133.3	14.5	0
Mounted ball bearings, unit and/or split mounted .....		3562-417	06/83	125.0	132.9	132.9	14.7	0
Ball and roller bearing parts and components, including balls and rollers sold separately .....		3562-9	06/83	104.5	109.7	109.3	4.7	-.4
Balls .....		3562-911	06/83	111.0	111.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other antifriction ball bearing components and parts .....		3562-921	06/83	122.6	122.6	122.6	1.7	0
Other antifriction roller bearing components and parts .....		3562-941	06/83	103.3	110.6	110.6	7.1	.0
Secondary products and miscellaneous receipts .....		3562-SM						
Secondary products .....		3562-S	06/83	115.2	125.9	125.9	17.2	0
<b>Air and gas compressors .....</b>	<b>3563</b>		<b>06/84</b>	<b>111.9</b>	<b>112.8</b>	<b>113.3</b>	<b>6.3</b>	<b>.4</b>

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Air and gas compressors—Continued</b>								
Primary products .....		3563-P	06/84	111.0	112.1	112.7	6.6	0.5
Air and gas compressors and vacuum pumps .....		3563-1	06/84	112.1	113.5	113.9	7.9	.4
Air compressors .....		3563-11	06/84	109.6	111.1	111.1	5.2	0
Stationary air compressors, reciprocating, single acting .....		3563-111	06/84	109.3	110.3	110.3	5.9	0
Over 1.5 h.p. to 5 h.p. ....		3563-11102	08/84	106.2	106.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Stationary air compressors, reciprocating, double acting .....		3563-112	06/84	110.0	114.3	114.3	9.1	0
150 h.p. and under .....		3563-11201	06/84	110.0	114.3	114.3	9.1	0
Stationary air compressors, rotary positive .....		3563-113	06/84	107.3	107.3	107.3	2.5	0
Discharge pressure 51 psig and over, 150 h.p. and under .....		3563-11302	08/84	107.4	107.4	107.4	2.0	0
Portable air compressors .....		3563-115	06/84	110.1	113.2	113.2	5.1	0
Gas compressors .....		3563-12	06/84	115.5	116.1	117.3	11.8	1.0
Gas compressors, stationary, centrifugal and axial .....		3563-126	06/84	123.8	125.3	125.3	17.2	0
Natural gas .....		3563-12601	06/84	131.3	133.8	133.8	20.1	0
Other pumps and compressors .....		3563-13	06/84	114.6	120.3	120.3	7.0	0
Other compressors .....		3563-13112	06/84	103.0	103.0	103.0	5.0	0
Vacuum pumps, moderate vacuum .....		3563-13113	06/84	117.8	121.0	121.0	5.6	0
Air and gas compressor and vacuum pump parts and attachments, except refrigeration .....		3563-2	06/84	108.3	108.7	110.2	5.3	1.4
Air and gas compressor and vacuum pump parts and attachments, except refrigeration .....		3563-201	06/84	108.3	108.7	110.2	5.3	1.4
Industrial spraying equipment .....		3563-5	06/84	110.1	110.1	110.1	.6	0
Power paint spraying outfits and liquid power sprayer, except agricultural and flame .....		3563-511	06/84	110.1	110.1	110.1	.6	0
Secondary products and miscellaneous receipts .....		3563-SM						
Secondary products .....		3563-S	06/84	116.8	117.7	117.7	4.8	0
<b>Fans And Blowers</b>								
Primary products .....	3564	3564-P	12/83	117.6	118.5	118.8	4.9	.3
Centrifugal blowers and fans .....		3564-3	12/83	116.8	117.5	117.7	4.2	.2
Classes I and II fans (over 1.5 inches to 6.75 inches max. total pressure) .....		3564-319	12/83	104.6	104.6	105.8	6.1	1.1
Furnace and lightweight air conditioning blowers .....		3564-323	05/84	107.9	107.9	110.0	4.2	1.9
Industrial fans, excluding blowers .....		3564-324	12/83	111.6	113.0	113.0	4.5	0
Propeller fans and accessories, axial fans, and power roof ventilators .....		3564-4	12/83	129.7	133.0	133.5	7.8	.4
Axial fans .....		3564-413	12/83	125.2	122.6	124.1	2.2	1.2
Axial fans, directly connected to driver .....		3564-41311	12/83	126.7	123.4	124.5	1.3	.9
Axial fans, belt driven .....		3564-41312	12/83	119.6	120.0	122.7	6.1	2.3
Propeller fans and accessories, industrial .....		3564-433	05/84	132.2	145.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Propeller fans, industrial, directly connected to driver .....		3564-43311	05/84	132.2	145.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Power roof ventilators and parts .....		3564-441	12/83	122.7	126.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Power roof ventilators: centrifugal .....		3564-44112	12/83	121.0	121.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Dust collection and other air purification equip. for heat, ventil., and air cond. systems .....		3564-5						
Air filters for air conditioners and furnaces, of 2400 cfm and under .....		3564-543	12/83	109.2	111.2	111.9	1.4	.6
Dust collection and other air purification equip. for industrial gas cleaning systems .....		3564-6						
Other equipment .....		3564-66216	12/83	115.1	113.8	113.4	2.0	-.4
Secondary products and miscellaneous receipts .....		3564-SM						
Secondary products .....		3564-S	12/83	120.6	121.4	122.0	3.7	.5
<b>Packing, packaging and bottling machinery</b>								
Primary products .....	3565	3565-P	12/88	100.7	101.7	102.2	( <sup>3</sup> )	.5
Packing, packaging and bottling machinery, excl. parts .....		3565-3	12/88	100.4	101.4	102.0	( <sup>3</sup> )	.6
Forming, filling, and sealing machinery, bag or pouch (must perform all three functions) .....		3565-3A	12/88	100.3	101.5	102.1	( <sup>3</sup> )	.6
Vertical type .....		3565-305	12/88	100.0	104.2	104.4	( <sup>3</sup> )	.2
Filling machinery .....		3565-305	12/88	100.0	100.0	100.4	( <sup>3</sup> )	.4
Liquids .....		3565-3B	12/88	100.0	100.8	100.8	( <sup>3</sup> )	0
Cartoning and multipacking machinery .....		3565-312	12/88	100.0	100.6	100.6	( <sup>3</sup> )	0
Bag opening, filling, and closing machinery .....		3565-301	12/88	100.1	102.3	102.3	( <sup>3</sup> )	0
Wrapping, banding, bundling, fastening, and sleeve wrapping machinery .....		3565-303	12/88	100.0	100.1	102.0	( <sup>3</sup> )	1.9
Shrink film packaging machinery, including shrink tunnels .....		3565-306	12/88	100.0	102.8	103.5	( <sup>3</sup> )	.7
Labeling, code marking, imprinting and leaflet/coupon inserting machinery .....		3565-307	12/88	( <sup>3</sup> )	( <sup>3</sup> )	104.1	( <sup>3</sup> )	( <sup>3</sup> )
Case forming, opening, loading, unloading, and sealing machinery .....		3565-315	12/88	101.4	101.6	102.2	( <sup>3</sup> )	.6
Capping, sealing, lidding, incl. can sealing machinery, excl. filling machinery .....		3565-316	12/88	100.0	100.4	105.2	( <sup>3</sup> )	4.8
Accumulating, collating, feeding, and unscrambling machinery .....		3565-317	12/88	101.7	105.1	105.1	( <sup>3</sup> )	.0
Other machinery, incl. combinations of mach. classified in more than one of the above .....		3565-318	12/88	100.3	102.1	104.7	( <sup>3</sup> )	2.5
Parts for bottling and packaging machinery .....		3565-321	12/88	100.0	100.0	100.0	( <sup>3</sup> )	0
Parts for bottling and packaging machinery .....		3565-4	12/88	101.1	101.1	101.5	( <sup>3</sup> )	.4
Secondary products and miscellaneous receipts .....		3565-491	12/88	101.1	101.1	101.5	( <sup>3</sup> )	.4
Miscellaneous receipts .....		3565-SM						
Resales .....		3565-M	12/88	102.4	102.4	102.4	( <sup>3</sup> )	0
Secondary products .....		3565-Z89	12/88	102.4	102.4	102.4	( <sup>3</sup> )	0
Secondary products .....		3565-S	12/88	102.4	103.5	103.9	( <sup>3</sup> )	.4
Secondary products .....		3565-SS	12/88	102.4	103.5	103.9	( <sup>3</sup> )	.4

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Speed changers, drives, and gears .....	3566		12/83	114.9	115.4	115.7	4.4	0.3
Primary products .....		3566-P	12/83	114.7	115.3	115.5	4.8	.2
Mechanical-variable speed changers, excluding electric motor .....		3566-111	12/83	113.8	114.8	114.8	6.2	0
Industrial high speed drives, fixed ratio .....		3566-121	12/83	112.3	112.3	113.3	3.4	.9
Speed reducers, fixed ratio, enclosed, except gear motors .....		3566-2	12/83	120.0	120.1	120.2	6.7	.1
Worm gear reducers .....		3566-21	12/83	134.0	134.0	134.7	4.7	.5
3-inch to 5.99-inch centers .....		3566-218	12/83	121.0	121.0	121.0	1.3	0
Below 3-inch centers .....		3566-219	12/83	118.2	118.2	119.8	6.0	1.4
Helical, herringbone, spur and spiral bevel reducers .....		3566-22	12/83	113.8	114.3	114.3	8.9	0
15-inch low-speed centers and below .....		3566-228	12/83	116.5	115.5	115.5	7.3	0
Shaft mounted reducers and screw conveyor drives .....		3566-23	12/83	118.1	117.0	117.0	3.5	0
Hollow shaft diameter, 2-1/2 inches and below .....		3566-235	12/83	117.2	115.9	115.9	3.0	0
Gear motors .....		3566-3	12/83	116.7	117.5	117.6	5.2	.1
Worm gear motors, including 'C' flange units .....		3566-33	12/83	118.1	118.7	118.7	( <sup>3</sup> )	0
Helical, herringbone, spur, or spiral bevel gear motors, including								
scoop-mounted units .....		3566-34	12/83	115.6	116.5	116.7	3.6	.2
Below 1/6 horsepower .....		3566-343	12/83	102.3	104.8	105.3	( <sup>3</sup> )	.5
Loose gears, pinions, and racks excluding spare parts for reducers .....		3566-4	12/83	109.8	110.4	110.7	3.7	.3
Coarse pitch (below 19.9 diametral pitch) .....		3566-411	12/83	109.2	109.7	109.7	3.6	0
Helical, herringbone, and spur gears .....		3566-4114	12/83	106.3	107.2	107.2	3.6	0
24 inches and below .....		3566-41142	12/83	107.9	109.0	109.0	4.6	0
Above 24 inches diameter through 72 inches diameter .....		3566-41143	12/83	105.1	105.7	105.7	2.5	0
Worms and worm gearing .....		3566-4115	12/83	114.6	114.6	114.6	4.2	0
Others, including bevel gears and racks .....		3566-4116	12/83	113.1	113.0	113.0	3.5	0
Fine pitch (19.99 diametral pitch and finer) .....		3566-421	12/83	115.0	116.7	119.0	4.4	2.0
Parts and components for speed changers, drives, and gears .....		3566-551	12/83	119.1	120.8	120.8	3.0	0
Secondary products and miscellaneous receipts .....		3566-SM						
Secondary products .....		3566-S	12/83	115.6	115.7	116.0	.8	.3
Other secondary products .....		3566-SSS	12/83	115.9	116.0	116.6	1.6	.5
Other power transmission equipment .....		3568-S	12/83	115.4	115.4	115.4	.1	0
Industrial process furnaces and ovens .....	3567		06/81	130.2	131.3	132.0	4.3	.5
Primary products .....		3567-P	06/81	127.8	129.0	129.8	4.1	.6
Electric industrial furnaces, ovens, and kilns, excluding induction .....		3567-1	06/81	132.9	133.4	133.9	2.9	.4
Electric furnaces .....		3567-11	12/86	107.6	107.6	108.0	3.2	.4
Metal melting .....		3567-111	12/81	111.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Metal processing and heat treating (such as annealing, hardening,								
carburizing, etc.) .....		3567-118	12/86	105.8	106.2	106.4	.9	.2
Other electric furnaces .....		3567-119	12/86	112.2	( <sup>3</sup> )	112.6	7.6	( <sup>3</sup> )
Electric industrial ovens and kilns, including infrared .....		3567-19	12/86	104.0	105.7	106.0	2.2	.3
Fuel-fired industrial furnaces, ovens, and kilns .....		3567-2	06/81	120.0	122.7	123.1	5.5	.3
Fuel-fired furnaces .....		3567-21	12/86	104.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other, including hot rolling, forging, forming, and extruding .....		3567-219	12/86	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Fuel-fired ovens and kilns .....		3567-29	12/86	107.3	( <sup>3</sup> )	109.2	2.7	( <sup>3</sup> )
High frequency induction and dielectric heating equipment .....		3567-4	06/81	133.1	134.1	133.5	.5	-.4
Induction furnaces and heating equipment .....		3567-41	12/86	103.7	104.4	104.0	.5	-.4
Electrical heat equip. for industrial use, n.e.c. (exc. soldering								
irons) and parts and attach .....		3567-5	06/81	131.7	132.5	134.4	5.9	1.4
Industrial electric heating units and devices, except heating units								
for electric furnaces .....		3567-55						
All other industrial heating units and devices, incl. immersion								
heaters, compound pots, etc. ....		3567-559	06/81	144.5	144.5	146.8	6.5	1.6
Parts and attach. for ind. furn. and ovens, including electric								
heating units .....		3567-59	06/81	126.8	129.1	130.4	4.4	1.0
Secondary products and miscellaneous receipts .....		3567-SM						
Miscellaneous receipts .....		3567-M	12/86	93.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3567-S	06/81	146.4	147.1	147.1	5.1	.0
Other secondary products .....		3567-SSS	06/81	147.6	147.6	147.6	4.5	0
Power transmission equipment, n.e.c. ....	3568		12/84	113.0	113.6	114.4	4.6	.7
Primary products .....		3568-P	12/84	113.1	113.3	113.5	3.7	.2
Plain bearings and bushings .....		3568-1	12/84	107.0	110.3	110.1	9.7	-.2
Plain bearings and bushings, unmounted, machined, excluding carbon,								
graphite, automotive .....		3568-115	12/84	106.0	109.2	108.9	9.9	-.3
Mounted bearings, plain .....		3568-151	12/84	116.2	( <sup>3</sup> )	120.0	7.0	( <sup>3</sup> )
Power transmission equipment, n.e.c., excluding plain bearings and								
bushings .....		3568-3	12/84	114.3	113.9	114.1	2.7	.2
Clutches .....		3568-31	12/84	114.1	115.1	115.4	2.7	.3
Friction type .....		3568-311	12/84	106.6	108.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other clutches .....		3568-319	12/84	122.6	122.9	123.5	3.3	.5
Flexible couplings .....		3568-32	12/84	114.4	115.2	115.2	1.3	0
1-inch nominal bore and over, other than gear type .....		3568-322	12/84	118.7	120.0	120.0	4.0	0
Chains for sprocket drives .....		3568-33	12/84	109.9	109.1	109.1	4.2	0
ASA standard roller chain, 3-inch and under in pitch .....		3568-332	12/84	103.0	104.5	104.5	6.5	0
Sprockets .....		3568-34	12/84	109.2	109.2	109.2	4.5	0
For ASA standard roller chains .....		3568-343	12/84	110.4	110.4	110.4	4.7	0
Packaged hydraulic drives, universal joints, and flexible shafts .....		3568-37	12/84	113.9	113.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Universal joints .....		3568-375	12/84	108.8	108.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other power transmission equipment .....		3568-39						
All other mechanical power transmission equipment .....		3568-398	12/84	120.9	119.2	120.0	2.4	.7

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Power transmission equipment, n.e.c.—Continued								
Secondary products and miscellaneous receipts .....		3568-SM						
Secondary products .....		3568-S	12/84	110.3	112.6	115.9	7.7	2.9
Ball and roller bearings .....		3562-S	12/84	111.5	( <sup>3</sup> )	120.7	12.2	( <sup>3</sup> )
Other secondary products .....		3568-SSS	12/84	116.0	119.9	120.6	6.5	.6
General industrial machinery, n.e.c. ....	3569		12/84	115.0	116.2	116.5	3.9	.3
Primary products .....		3569-P	12/84	116.1	117.5	117.7	3.9	.2
Filters and strainers, except fluid power .....		3569-3	12/88	100.3	102.1	101.9	( <sup>3</sup> )	-.2
Containment (housing) devices .....		3569-3A	12/88	100.4	103.0	102.7	( <sup>3</sup> )	-.3
Pressurized, including filters which also dehydrate and/or deaerate		3569-301	12/88	100.0	106.6	106.3	( <sup>3</sup> )	-.3
Media .....		3569-3B	12/88	100.0	100.4	100.5	( <sup>3</sup> )	.1
Reusable (cleanable) .....		3569-311	12/88	100.0	101.4	101.7	( <sup>3</sup> )	.3
Nonreusable, including disposable (throw away) filter cartridges .....		3569-312	12/88	100.0	100.0	100.0	( <sup>3</sup> )	0
Filters for hydraulic and pneumatic fluid power systems .....		3569-7	12/88	100.7	101.5	101.5	( <sup>3</sup> )	0
General industrial machinery, n.e.c. ....		3569-9	12/84	116.6	117.6	118.1	4.4	.4
Lubrication systems (industrial, centralized, and automatic) .....		3569-941	12/84	132.0	132.0	134.4	15.7	1.8
Centrifugals and separators, exc. cream, grain, and berry .....		3569-951	12/84	128.7	128.7	128.7	.7	0
Automatic fire sprinkler equipment .....		3569-961	05/86	131.2	135.1	137.2	( <sup>3</sup> )	1.6
Hydraulic jacks .....		3569-973	12/84	112.1	113.8	113.6	3.6	-.2
Other general industrial machinery and equipment, incl. low pressure								
air and gas dehydrators .....		3569-998	12/84	114.6	115.6	116.2	5.1	.5
Secondary products and miscellaneous receipts .....		3569-SM						
Miscellaneous receipts .....		3569-M	12/84	112.6	113.5	113.2	1.4	-.3
Resales .....		3569-Z89	12/84	122.2	123.2	123.2	2.1	0
Secondary products .....		3569-S	12/84	107.5	107.8	108.7	4.8	.8
Calculating and accounting machines .....	3574		06/85	96.6	97.9	97.9	2.0	0
Primary products .....		3574-P	06/85	94.4	96.0	96.0	2.5	0
Electronic calculating machines, except rebuilt types .....		3574-2	06/85	88.2	90.9	90.9	4.1	0
Accounting machines and cash registers .....		3574-3	06/85	104.2	104.2	104.2	.5	0
Coin and currency handling machines .....		3574-341	06/85	113.0	113.0	113.0	1.4	0
Electronic cash register type point of sale retail devices .....		3574-353	06/85	99.2	99.2	99.2	0	0
Other calculating and accounting machines .....		3574-398	06/85	102.6	( <sup>3</sup> )	102.9	-.9	( <sup>3</sup> )
Parts and attachments for adding, calculating and accounting machines								
and cash registers .....		3574-5	06/85	94.2	94.2	94.2	0	0
Produced by complete machine manufacturers .....		3574-511	06/85	94.2	94.2	94.2	0	0
Secondary products and miscellaneous receipts .....		3574-SM						
Scales and balances, except laboratory .....	3576		12/80	111.5	111.8	111.8	.8	0
Primary products .....		3576-P	12/80	112.6	112.9	112.9	.8	0
Motor truck scales .....		3576-1	12/80	115.0	115.4	115.4	2.2	0
Industrial scales .....		3576-3	12/80	113.8	114.6	114.6	.5	0
Bench and portable scales .....		3576-321	12/80	117.6	117.6	117.6	-10.4	0
Floor scales .....		3576-323	12/80	116.5	116.5	116.5	1.4	0
Miscellaneous industrial scales, incl. crane, tank, hopper, conveyor,								
counting & over-under .....		3576-329	12/80	103.6	103.6	103.6	2.5	0
Household and person-weighing scales .....		3576-5	12/80	138.8	139.1	139.1	1.2	0
Bathroom scales .....		3576-541	12/80	132.2	130.3	130.3	-1.4	0
Accessories and attachments for scales and balances .....		3576-7	12/80	106.8	106.8	106.8	-2.3	0
Parts for scales and balances .....		3576-8	12/80	114.0	114.0	114.0	5.7	0
Secondary products and miscellaneous receipts .....		3576-SM						
Miscellaneous receipts .....		3576-M	12/80	88.3	88.3	88.3	-.1	.0
Resales .....		3576-Z89	12/87	100.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3576-S	12/80	103.2	103.2	103.2	4.1	0
Office machines, not elsewhere classified, and typewriters .....	3579		06/85	108.1	108.1	108.8	4.1	.6
Primary products .....		3579-P	06/85	104.8	104.0	104.1	1.5	.1
Duplicating machines and parts .....		3579-3	06/85	112.8	113.5	115.1	4.0	1.4
Mailing, letter handling, collating, and addressing machines .....		3579-5	06/85	107.4	105.3	104.1	-1.3	-1.1
Forms handling equipment, bursters, decollators, and imprinters .....		3579-534	06/85	107.7	108.3	98.5	-8.7	-9.0
Mailing machines, include sorting, tying, canceling machinery,								
postage meters, etc. ....		3579-541	06/85	105.1	105.1	105.1	2.2	0
Addressing machines, include labeling machines, plates, plate								
embossers & addresser-printers .....		3579-547	06/85	104.2	104.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other office machines, not elsewhere classified, and parts .....		3579-6	06/85	108.6	107.6	107.8	3.5	.2
Check handling machines include canceling, cutting, dating,								
endorsing, numbering machines .....		3579-631	06/85	121.1	121.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Time recording and time stamp machines .....		3579-633	06/85	109.1	109.7	111.6	3.2	1.7
All other office machines, include pencil sharpeners and rebuilds,								
except typewriter rebuilds .....		3579-698	06/85	108.4	107.4	107.5	3.4	.1
Parts and attachments, not elsewhere classified, sold separately .....		3579-699	06/85	100.9	98.1	98.1	.4	0
Standard typewriters and automatic typing and word processing								
machines and parts .....		3579-7	06/85	99.3	98.5	98.5	.5	0
Word processing machines .....		3579-712	06/85	( <sup>3</sup> )	97.5	97.5	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		3579-SM						
Miscellaneous receipts .....		3579-M	06/85	112.7	112.7	115.8	5.9	2.8
Contract work and other miscellaneous receipts .....		3579-XY9	06/85	117.1	117.1	118.9	4.0	1.5
Resales .....		3579-Z89	06/85	112.3	112.3	115.6	6.1	2.9
Secondary products .....		3579-S	06/85	115.4	117.4	118.6	10.2	1.0
Other secondary products .....		3579-SSS	06/85	115.5	117.5	118.7	10.2	1.0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Refrigeration and service industry machinery .....	358		12/84	110.5	111.4	111.9	4.3	0.4
Automatic merchandising machines .....	3581		06/82	109.3	109.3	109.9	3.6	.5
Primary products .....		3581-P	06/82	109.6	109.6	110.2	3.5	.5
Automatic merchandising machines, coin-operated, excluding parts .....		3581-1	06/82	108.0	108.0	108.6	3.6	.6
Vending machines for beverages .....		3581-11	06/82	102.6	102.6	103.4	3.0	.8
Soft drink .....		3581-115	06/82	97.8	97.8	98.2	2.5	.4
Canned beverage (refrigerated) .....		3581-11501	06/82	96.2	96.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Vending machines for confections and foods .....		3581-12	06/82	113.8	113.8	113.8	4.0	0
Confections and foods, other than bagged snacks and chips .....		3581-126	06/87	106.9	106.9	106.9	5.8	0
Bagged snacks and chips .....		3581-128	06/82	109.4	109.4	109.4	2.7	0
Other vending machines, incl. cigarettes, water, ice and stamps .....		3581-13						
Cigarettes .....		3581-131	06/87	106.3	106.3	106.3	6.3	0
Commercial laundry equipment .....	3582		12/82	127.9	131.2	131.0	4.5	-.2
Primary products .....		3582-P	12/82	116.7	120.2	119.9	5.0	-.2
Laundry equipment .....		3582-1	12/82	113.9	117.7	117.4	5.8	-.3
Washer-extractor combinations .....		3582-113	12/82	119.7	120.8	120.7	5.0	-.1
Other than coin-operated .....		3582-11312	12/82	120.8	122.1	121.9	5.5	-.2
Drying tumblers .....		3582-114	12/82	120.2	121.0	121.0	2.7	0
Coin-operated, over 16-pounds load .....		3582-11411	12/82	120.1	120.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other than coin-operated .....		3582-11412	12/82	121.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Laundry presses .....		3582-116	12/82	122.4	( <sup>3</sup> )	129.3	8.7	( <sup>3</sup> )
Other commercial laundry equipment .....		3582-117	12/82	112.2	123.4	121.3	9.1	-1.7
Commercial laundry equipment parts, attachments and accessories .....		3582-118	12/82	91.3	91.3	91.3	1.7	0
For washer-extractor combinations and drying tumblers .....		3582-11811	12/82	105.6	105.6	105.6	5.8	0
Dry cleaning equipment .....		3582-2	12/82	128.9	130.5	130.5	1.9	0
Secondary products and miscellaneous receipts .....		3582-SM						
Miscellaneous receipts .....		3582-M						
Resales .....		3582-Z89	06/87	103.5	104.5	104.5	1.3	0
Secondary products .....		3582-S	12/82	181.8	181.8	181.8	-.4	0
Refrigeration and heating equipment .....	3585		12/82	113.6	114.4	115.0	4.2	.5
Primary products .....		3585-P	12/82	113.5	114.4	115.0	4.3	.5
Heat transfer equipment, except room and unitary air cond. and dehumidifiers .....		3585-1	12/82	118.2	118.4	119.9	4.6	1.3
Central station air conditioning units, motor driven fan type .....		3585-112	12/82	127.0	134.4	134.4	6.5	0
Air-cooled refrigerant condensers remote type .....		3585-132	12/82	104.9	107.4	107.4	4.7	0
Shell-and-tube, coil, u-tube; and tube-in-tube liquid coolers .....		3585-136	12/82	124.3	( <sup>3</sup> )	128.1	7.9	( <sup>3</sup> )
Unit coolers (refrigeration) .....		3585-141						
Ceiling and wall-mounted types .....		3585-14101	12/82	124.2	127.5	127.5	8.8	.0
Finned coils, air-conditioning and refrigeration type .....		3585-142	12/82	114.0	113.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Coil sales by oem for resale or assembly into equip. by other manuf. (all types) .....		3585-143	12/82	113.0	113.3	113.5	6.5	.2
Centrifugal liquid chilling packages .....		3585-154	12/82	112.3	113.1	115.0	4.5	1.7
Hermetic type .....		3585-15401	12/82	110.6	111.6	113.1	2.3	1.3
Mobile vehicle refrigeration systems .....		3585-156	12/82	114.7	116.0	115.9	2.3	-.1
Mobile vehicle mechanical air conditioning systems .....		3585-161	12/82	117.5	117.2	119.4	3.0	1.9
For passenger automobiles and light trucks and vans .....		3585-1611	12/82	117.8	118.6	121.2	4.6	2.2
Sub-compact to compact automobiles .....		3585-16111	12/82	118.1	114.2	118.1	2.4	3.4
Ice-making machines .....		3585-175	12/82	120.1	120.5	120.5	7.6	0
Self-contained .....		3585-1751	12/82	120.1	120.6	120.6	7.9	0
Ice-cube makers .....		3585-17511	12/82	115.1	115.6	115.6	7.8	0
Flake and chip machines .....		3585-17512	12/82	139.9	140.5	140.5	( <sup>3</sup> )	0
Not self-contained .....		3585-1752	12/82	109.5	108.9	108.9	3.4	0
Reciprocating liquid chilling packages .....		3585-185	12/82	131.2	131.4	131.4	10.5	0
Unitary air conditioners .....		3585-2	12/82	109.6	111.3	110.8	3.5	-.4
Air conditioners, except window and wall types .....		3585-21	12/82	114.9	118.4	115.8	1.9	-2.2
Single package (with or without evaporator fan) .....		3585-211	12/82	114.9	118.4	115.8	1.9	-2.2
Horizontal .....		3585-2111	12/82	117.0	121.3	118.1	2.3	-2.6
Under 54,000 btu/hr .....		3585-21114	12/82	110.6	114.6	112.0	2.5	-2.3
Year-round air conditioners, single packages and remote condenser types, except heat pumps .....		3585-25	12/82	110.2	111.4	111.7	3.9	.3
Under 44,000 btu/hr .....		3585-252	12/82	117.2	119.4	119.4	5.7	0
44,000 to 134,999 btu/hr .....		3585-257	12/82	108.3	109.5	109.4	4.0	-.1
135,000 btu/hr and over .....		3585-258	12/82	105.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Heat pumps, except room air conditioners .....		3585-26	12/82	108.8	110.0	109.7	1.7	-.3
Single package .....		3585-265	12/82	111.2	114.7	113.2	2.2	-1.3
Split system .....		3585-266	12/82	107.2	106.8	107.4	1.3	.6
Split system air conditioning units .....		3585-29						
Air conditioning condensing units .....		3585-295	12/82	107.9	109.4	109.2	4.6	-.2
22,000 to 26,999 btu/hr .....		3585-29572	01/83	110.4	110.9	111.6	.8	.6
27,000 to 32,999 btu/hr .....		3585-29573	12/82	113.9	116.2	116.2	14.9	0
33,000 to 38,999 btu/hr .....		3585-29574	12/82	101.4	103.1	102.4	.5	-.7
Commercial refrigeration equipment .....		3585-3	12/82	122.4	124.1	124.4	6.3	.2
Refrigerated enclosures, include self-contained units, remote units w/wo cond. units .....		3585-31	12/82	124.4	126.7	127.0	6.4	.2
Reach-in refrig. and reach-in vert. display cabinets, with solid or glazed doors .....		3585-311	12/82	129.4	130.6	133.0	8.3	1.8

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Refrigeration and heating equipment—Continued</b>								
For normal temp. application, i.e., not intended for frozen foods, ice cream, etc. ....	3585-31115		12/82	134.0	134.4	139.0	10.7	3.4
For low temperature application .....	3585-31118		12/82	123.6	126.0	125.5	5.3	-.4
Sectional coolers or cooling rooms of the prefabricated (factory produced) type .....	3585-312		12/82	123.5	123.5	124.0	6.0	.4
Display cases for meats, dairy products, produce, other perishables, normal temp .....	3585-313		12/82	128.8	130.9	130.2	4.2	-.5
Closed .....	3585-3131		12/82	118.2	118.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Open, self-service .....	3585-3132		12/82	130.7	133.1	132.3	4.8	-.6
One level .....	3585-31323		12/82	132.0	136.2	137.5	5.8	1.0
Multi level .....	3585-31328		12/82	130.0	131.5	129.8	4.3	-1.3
Display cases and cabinets for frozen foods, ice cream, etc., except coin operated .....	3585-314		12/82	115.7	123.0	121.9	7.2	-.9
Frozen food display cases, open self-service .....	3585-3141		12/82	116.5	124.4	123.1	7.7	-1.0
One level .....	3585-31413		12/82	114.9	124.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Multi level .....	3585-31414		12/82	118.5	( <sup>3</sup> )	122.0	( <sup>3</sup> )	( <sup>3</sup> )
Mechanical drinking water coolers .....	3585-343		12/82	107.8	108.4	108.7	2.7	.3
Mechanical beverage cooling and dispensing equipment except coin-operated .....	3585-361		12/82	122.2	122.2	122.2	11.4	0
Bulk beverage dispensers, including malt dispensers and pre-cooler cabinets .....	3585-36157		12/82	121.5	121.5	121.5	13.3	0
Other commercial refrigeration, retarders, egg refrigeration, environment control equip., etc. ....	3585-397		12/82	119.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Compressors and compressor units, all refrigerants .....	3585-4		12/82	104.5	104.7	104.7	2.9	0
10 hp and under, hermetic type motor compressors .....	3585-412		12/82	109.3	109.3	109.3	3.5	0
2.5 hp and under .....	3585-41211		12/82	108.7	108.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3 hp to 10 hp .....	3585-41236		12/82	110.6	110.6	110.6	3.3	0
Over 10 hp (open and hermetic types) .....	3585-414		12/82	115.0	116.2	116.2	5.0	0
Auto air conditioning compressors .....	3585-418		02/83	96.1	( <sup>3</sup> )	96.4	1.8	( <sup>3</sup> )
Open type, with or without motor .....	3585-41859		02/83	96.1	( <sup>3</sup> )	96.4	1.8	( <sup>3</sup> )
Condensing units, all refrigerants except ammonia .....	3585-5		12/82	115.4	115.3	115.3	5.6	0
Air-cooled .....	3585-51		12/82	113.5	113.6	113.6	4.6	0
Hermetic type under 15 hp .....	3585-512		12/82	113.3	113.3	113.3	4.6	0
Over 3 hp but under 15 hp .....	3585-51209		12/82	114.2	114.2	114.2	5.9	0
Water and air-cooled, open and hermetic type, 15 hp and over .....	3585-569		12/82	124.1	123.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Room air conditioners and dehumidifiers .....	3585-6							
Room air conditioners .....	3585-612		12/82	109.7	110.5	112.7	2.8	2.0
Under 6,000 btu/hr .....	3585-61231		05/85	105.5	105.5	105.5	5.0	0
Refrigeration and a/c equip. n.e.c., including soda fountain and beer dispensing equip. ....	3585-7		12/82	119.6	122.0	122.9	6.1	.7
Soda fountain equipment .....	3585-711		12/82	124.7	124.7	125.2	1.0	.4
Evaporative air coolers .....	3585-794		12/82	102.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other refrigeration machinery and air conditioning equipment .....	3585-796		12/82	113.6	119.0	118.9	4.9	-.1
Other components and accessories for air conditioning and refrigeration equipment .....	3585-798		12/82	121.3	123.7	124.8	6.5	.9
Warm air furnaces, except floor and wall; and parts and attachments .....	3585-8		12/82	115.9	118.4	118.5	3.9	.1
Forced-air type furnaces (cast iron and steel) .....	3585-811		12/82	116.7	119.5	119.5	3.9	0
Gas .....	3585-81107		12/82	116.9	118.0	118.1	3.0	.1
Secondary products and miscellaneous receipts .....	3585-SM							
Miscellaneous receipts .....	3585-M		12/82	114.1	113.5	114.0	4.5	.4
Resales .....	3585-Z89		12/82	121.8	121.0	121.6	8.6	.5
Secondary products .....	3585-S		12/82	111.2	110.9	111.9	3.7	.9
Other secondary products .....	3585-SSS		12/82	112.1	112.7	113.9	6.1	1.1
Mobile vehicle parts and accessories .....	3714-S		12/82	113.0	111.4	112.5	2.3	1.0
<b>Measuring and dispensing pumps</b> .....	<b>3586</b>		<b>06/84</b>	<b>112.0</b>	<b>113.9</b>	<b>113.8</b>	<b>2.4</b>	<b>-.1</b>
Primary products .....	3586-P		06/84	108.0	109.3	109.2	2.4	-.1
Gasoline dispensing pumps, computing type (filling station type) .....	3586-1		06/84	103.0	104.6	104.5	1.3	-.1
Single dispensing units .....	3586-111		06/84	104.8	104.9	104.9	.3	0
With suction pumping units .....	3586-11112		06/84	104.4	104.6	104.6	.4	0
Multiple dispensing units .....	3586-115		12/88	99.6	102.1	101.9	( <sup>3</sup> )	-.2
Lubricating oil and grease dispensing equipment .....	3586-2		06/84	115.0	124.7	124.1	10.3	-.5
Lubricating oil pumps, including barrel pumps .....	3586-212		06/84	118.2	131.9	132.2	18.2	.2
Grease dispensing equipment, including pumps and guns .....	3586-213		06/84	113.1	120.2	120.5	( <sup>3</sup> )	.2
Other measuring and dispensing pumps and parts and attachments .....	3586-3		06/84	110.1	109.1	109.1	( <sup>3</sup> )	0
Other measuring and dispensing pumps, incl. noncomputing gasoline dispensing pumps .....	3586-314		12/88	99.9	102.5	102.5	( <sup>3</sup> )	0
Parts and attachments for measuring and dispensing pumps .....	3586-315		12/88	100.0	95.5	95.6	( <sup>3</sup> )	.1
<b>Service industry machinery, n.e.c.</b> .....	<b>3589</b>		<b>06/82</b>	<b>123.2</b>	<b>124.9</b>	<b>125.4</b>	<b>5.0</b>	<b>.4</b>
Primary products .....	3589-P		06/82	123.5	124.9	125.5	4.8	.5
Commercial cooking and food warming equipment .....	3589-1		06/82	125.8	126.3	127.0	5.3	.6
Nonelectric commercial cooking and food warming equipment .....	3589-11		06/82	132.2	133.0	133.1	7.6	.1
Commercial cooking stoves, ranges, ovens, and broilers .....	3589-111		06/82	131.2	131.6	131.6	7.1	0
Deep fat fryers .....	3589-114		12/87	109.8	109.8	109.8	8.3	0
Other commercial cooking equipment, including griddles, toasters, coffee urns, etc. ....	3589-115		12/87	110.9	111.8	112.3	7.6	.4
Electric and electronic commercial cooking and food warming equipment .....	3589-16		06/82	124.3	124.9	126.0	5.4	.9

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1988 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Service industry machinery, n.e.c.—Continued								
Commercial electric ranges, ovens, and broilers .....		3589-161	06/82	129.7	129.4	135.0	8.3	4.3
Commercial food warming equipment, including hot food server units and steam tables .....		3589-165	06/82	118.5	119.4	119.4	3.6	0
Other commercial cooking equipment .....		3589-167	06/82	124.3	125.1	125.3	5.6	.2
Deep fat fryers .....		3589-16723	07/82	139.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other commercial cooking equipment, incl. griddles, toasters, coffee urns, etc. ....		3589-16728	12/87	105.0	105.9	106.0	3.8	.1
Parts and accessories for commercial cooking and food warming equipment .....		3589-185	12/87	96.6	96.6	96.6	-3.3	0
Service industry machines and parts .....		3589-2	06/82	122.7	124.5	125.1	4.4	.5
Water softeners and water heaters .....		3589-21	12/87	106.2	108.0	108.0	2.9	0
Water heaters, except boilers .....		3589-211	12/87	110.0	110.7	110.7	6.5	0
Farm, household, and commercial water softeners .....		3589-215	06/82	123.5	126.4	126.4	1.7	0
Floor maintenance machinery, commercial and industrial, excl. vacuum cleaners .....		3589-24	12/87	104.2	104.7	104.8	2.8	.1
Floor scrubbing and sanding machines, commercial type .....		3589-242	06/82	127.6	130.4	130.4	3.8	0
Floor waxing and polishing machines, commercial and industrial type .....		3589-245	06/82	134.3	134.5	134.6	3.8	.1
Commercial dishwashing machines .....		3589-27	06/82	124.2	128.7	128.7	9.9	0
Conveyor type .....		3589-273	06/82	124.4	129.4	129.4	10.3	0
All other types .....		3589-275	12/87	109.8	113.3	113.3	9.4	0
Sewage treatment equipment .....		3589-281	06/82	129.5	129.4	131.6	5.7	1.7
Clarifier .....		3589-28113	06/82	123.9	124.9	125.9	4.6	.8
Other sewage treatment equipment .....		3589-28117	06/82	136.6	133.2	134.5	-1.5	1.0
Commercial car washing machinery .....		3589-282	06/82	123.4	123.4	123.4	-6	0
Garbage and trash compactors, commercial and industrial .....		3589-283	06/82	126.0	125.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
High pressure (over 1000 psi) cleaning and blasting machinery, excl. foundry mach .....		3589-285	12/87	100.6	107.9	107.9	( <sup>3</sup> )	0
Parts and accessories for service industry machines .....		3589-293	06/82	116.5	118.7	119.2	4.4	.4
Other industrial and commercial service machines, incl. carpet shampoos .....		3589-294	12/87	102.7	103.9	104.3	4.1	.4
Commercial and industrial vacuum cleaners .....		3589-3	06/82	121.9	123.0	123.0	5.4	.0
Portable, including parts and attachments .....		3589-311	06/82	121.1	122.2	122.2	5.6	0
Secondary products and miscellaneous receipts .....		3589-SM						
Miscellaneous receipts .....		3589-M	06/82	122.7	125.3	125.3	4.4	0
Resales .....		3589-Z89	06/82	109.1	111.3	111.3	4.3	0
Secondary products .....		3589-S	06/82	122.0	125.1	125.1	9.7	0
Miscellaneous machinery, except electrical .....	359		12/84	106.8	108.4	108.7	4.4	.3
Carburetors, pistons, piston rings, and valves .....	3592		12/82	113.8	114.4	116.1	3.6	1.5
Primary products .....		3592-P	12/82	111.8	112.5	114.4	3.7	1.7
Carburetors .....		3592-1	12/82	110.6	111.8	116.0	5.4	3.8
Carburetors, new .....		3592-1A	12/82	109.6	110.9	115.0	5.3	3.7
Carburetors for motor vehicles .....		3592-111	12/82	109.9	111.4	115.9	6.3	4.0
Carburetors for motor vehicles-replacement .....		3592-11101	12/82	135.5	135.5	135.5	6.2	0
Rebuilt carburetors, all types .....		3592-171	12/82	126.5	126.5	131.0	4.5	3.6
Rebuilt carburetors for motor vehicles .....		3592-17101	12/82	126.5	126.5	131.0	4.5	3.6
Pistons and piston rings .....		3592-2	12/82	106.7	105.7	105.7	1.6	0
Pistons, all types except rough castings .....		3592-2A	12/82	105.3	102.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Piston rings, all types .....		3592-2B	12/82	107.6	107.6	107.6	.8	0
Piston rings, oil type .....		3592-248	12/82	100.3	100.3	100.3	.9	0
Piston rings, compression type .....		3592-249	12/82	109.8	109.8	109.8	.8	0
Piston rings, compression type for motor vehicle use .....		3592-255	12/82	107.0	107.0	107.0	0	0
Piston rings, compression type for motor vehicle use-OEM .....		3592-25502	12/82	107.0	107.0	107.0	0	0
Piston rings, compression type for all other uses .....		3592-257	12/82	122.5	122.5	122.5	4.2	0
Valves, intake and exhaust .....		3592-3	12/82	122.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Valves, intake and exhaust for all other uses .....		3592-363	12/82	102.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3592-SM						
Secondary products .....		3592-S	12/82	124.1	124.4	125.5	3.1	.9
Other secondary products .....		3592-SSS	12/82	136.7	137.5	137.5	5.4	0
Motor vehicle parts and accessories .....		3714-S	12/82	115.8	( <sup>3</sup> )	117.7	1.6	( <sup>3</sup> )
Machinery, except electrical, not elsewhere classified .....	3599		06/84	108.5	110.2	110.2	4.5	0
Primary products .....		3599-P	06/84	108.4	109.8	109.8	4.3	0
Pneumatic and hydraulic cylinders, accumulators, cushions, and shock absorbers .....		3599-2	06/84	110.7	111.4	111.4	5.8	0
Hydraulic cylinders .....		3599-219	06/84	109.8	110.7	110.7	5.0	0
Tie-rod types .....		3599-21911	06/84	114.9	116.2	116.2	6.3	0
Telescoping .....		3599-21913	06/84	102.6	103.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Miscellaneous machinery products .....		3599-4	06/84	112.5	116.9	115.8	8.1	-.9
Metal bellows .....		3599-425	06/84	129.8	( <sup>3</sup> )	147.4	21.3	( <sup>3</sup> )
Other miscellaneous machinery products .....		3599-498	06/84	104.8	106.6	106.7	4.3	.1
Receipts for machine shop jobwork .....		3599-5	06/84	107.4	108.5	108.7	3.5	.2
Automotive .....		3599-512	06/84	105.6	104.9	105.6	3.9	.7
Aerospace .....		3599-513	06/84	112.3	113.6	113.4	3.2	-.2
Electronics .....		3599-515	06/84	110.7	110.7	112.3	3.2	1.4
Fabricated metal products .....		3599-517	06/84	112.8	117.0	117.0	10.5	0
Machinery, parts and accessories .....		3599-519	06/84	114.2	116.1	116.2	3.0	.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Machinery, except electrical, not elsewhere classified—Continued</b>								
Mining, construction, and oilfield equipment .....		3599-521	06/84	103.4	103.4	103.8	0.9	0.4
Appliances .....		3599-523	06/84	106.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Chemical and petroleum .....		3599-527	06/84	111.4	111.4	111.4	2.1	0
Food processing and packaging .....		3599-529	06/84	104.6	104.6	104.6	0	0
Electrical machinery .....		3599-531	06/84	99.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Agricultural equipment .....		3599-533	06/84	103.5	103.5	103.5	2.9	0
All other customers .....		3599-539	06/84	105.3	106.7	106.5	3.9	-2
Maintenance and repair .....		3599-541	06/84	100.0	100.8	100.8	1.3	0
<b>Secondary products and miscellaneous receipts</b>								
Miscellaneous receipts .....		3599-M	06/84	106.3	113.3	113.3	6.0	0
Resales .....		3599-Z89	06/84	87.8	87.8	87.8	-2.7	0
Secondary products .....		3599-S	06/84	114.1	114.4	114.4	6.0	0
Electrical and electronic machinery, equipment, and supplies .....	36		12/84	106.0	106.7	106.8	2.3	.1
Electric transmission and distribution equipment .....	361		12/84	109.8	112.3	112.8	7.0	.4
Transformers .....	3612		06/81	121.1	123.2	123.6	7.8	.3
Primary products .....		3612-P	06/81	119.8	121.9	122.4	7.6	.4
Distribution transformers .....		3612-1	06/81	122.0	123.6	125.0	( <sup>3</sup> )	1.1
Liquid immersed .....		3612-101	06/81	122.2	123.8	125.1	8.6	1.1
Pole type, 500 KVA or less, single phase .....		3612-10111	06/81	117.6	118.5	119.7	8.9	1.0
Pad mount, 500 KVA or less, single phase .....		3612-10112	06/81	124.5	126.2	127.1	8.8	.7
500 KVA or less, three phase .....		3612-10114	06/81	127.1	130.6	132.6	8.2	1.5
Dry-type .....		3612-102	03/82	106.1	106.1	108.6	( <sup>3</sup> )	2.4
500 KVA or less, single phase .....		3612-10221	03/82	( <sup>3</sup> )	( <sup>3</sup> )	108.1	( <sup>3</sup> )	( <sup>3</sup> )
Power transformers .....		3612-2	06/81	106.8	111.5	111.1	9.6	-4
Small power transformers, one and three phase .....		3612-201	06/81	116.5	118.1	118.6	6.3	.4
501-2500 KVA, liquid immersed .....		3612-20121	06/81	122.1	127.8	128.2	6.8	.3
All secondary unit substation, liquid or dry type .....		3612-20131	06/81	97.1	96.3	94.3	( <sup>3</sup> )	-2.1
Large power transformers, one and three phase, liquid immersed .....		3612-202	06/81	( <sup>3</sup> )	107.0	106.2	11.9	-7
10001-30000 KVA, without LTC .....		3612-20242	06/81	( <sup>3</sup> )	( <sup>3</sup> )	81.5	( <sup>3</sup> )	( <sup>3</sup> )
Fluorescent lamp ballasts .....		3612-3	06/81	131.0	130.8	131.0	7.8	.2
Corrected power factor type .....		3612-302	06/81	131.4	131.2	131.4	7.9	.2
Specialty and all other transformers .....		3612-4	06/81	128.0	129.1	129.9	5.6	.6
Open core and coil, and all units end-bell enclosed, 250 KVA and less .....		3612-401	06/81	129.0	129.0	129.0	3.0	0
Instrument transformers, indoor and outdoor .....		3612-403	06/81	120.2	120.2	121.6	( <sup>3</sup> )	1.2
General purpose, one and three phase .....		3612-404	06/81	118.8	119.7	121.9	3.7	1.8
All other transformers including luminous tube, ignition, and saturable core reactors .....		3612-408	06/81	147.4	151.3	152.3	13.2	.7
Secondary products and miscellaneous receipts .....		3612-SM						
Secondary products .....		3612-S	06/81	138.0	139.7	139.7	16.3	0
Other secondary products .....		3612-SSS	12/88	100.5	101.8	101.8	( <sup>3</sup> )	0
Switchgear and switchboard apparatus .....	3613		06/85	110.1	113.1	113.6	6.5	.4
Primary products .....		3613-P	06/85	110.4	112.9	113.7	6.4	.7
Switchgear, except ducts and control circuit relays .....		3613-1	06/85	112.9	112.5	111.2	6.3	-1.2
Metal-clad switchgear using power circuit breakers, all voltages, excl. load interrupter .....		3613-109	06/85	123.6	118.7	115.2	6.8	-2.9
Metal-enclosed load interrupter switchgear assemblies, all voltages incl. parts .....		3613-111	06/85	95.3	95.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Automatic and manual control panels (generators, transformers, etc.) .....		3613-112	06/85	114.1	114.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Metal-enclosed air circuit breaker switchgear assemblies .....		3613-114	06/85	117.8	128.7	125.7	9.1	-2.3
Outdoor power switching equip., incl. attachments and bus supports, but exc. power fuses .....		3613-141	06/85	113.4	115.8	115.8	14.5	0
Distribution cutouts .....		3613-183	06/85	118.7	121.9	121.9	6.6	0
Power circuit breakers, all voltages .....		3613-2	06/85	103.1	104.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Panelboards, distribution boards and other switching and interrupting devices .....		3613-3	06/85	109.6	113.8	117.2	9.4	3.0
Panelboards, including enclosing cabinets 750 volts and below .....		3613-31	06/85	110.5	116.0	118.7	10.3	2.3
Circuit breaker .....		3613-312	06/85	113.2	118.9	121.6	9.4	2.3
Distribution switchboards, 750 volts and below .....		3613-32	06/85	108.2	112.8	112.9	7.4	.1
Circuit breaker .....		3613-3217	06/85	106.3	109.1	109.2	8.0	.1
Other including theater switchboard .....		3613-3219	06/85	115.6	116.1	116.1	2.2	0
Switches, exc. snap, toggle and rotary switches, 750 volts and below .....		3613-33	06/85	110.2	114.5	120.8	11.0	5.5
Knife switches, enclosed general duty .....		3613-3322	06/85	112.4	120.9	121.5	7.0	.5
Other switches, including open knife and motor contact switches .....		3613-3333	06/85	111.7	111.7	111.7	4.9	0
Other switchgear apparatus incl. air cir. breakers sold separately .....		3613-398	06/85	108.6	109.6	109.6	5.5	0
Fuses and fuse equipment, under 2,300 volts, excluding power distribution cutouts .....		3613-4	06/85	114.6	118.1	118.4	5.2	.3
Nonrenewable cartridge fuses .....		3613-451	06/85	122.6	125.4	125.4	5.3	0
Other fuses and open fuse material, incl. cutouts, clips, bases, etc. .....		3613-493	06/85	105.4	109.3	110.1	5.0	.7
Molded case circuit breakers .....		3613-5	06/85	112.7	116.3	116.7	7.7	.3
Industrial type, 1000 v. and below, incl. attachments or accessories .....		3613-511	06/85	118.4	119.3	119.0	8.4	-3
Residential or light duty type, 1000 v. and below .....		3613-512	06/85	106.4	112.7	113.9	7.3	1.1
Relays, control circuit .....		3613-7	06/85	110.9	111.0	110.9	1.6	-.1
A.c. and d.c. magnetic control circuit relays, excluding overload relays .....		3613-711	06/85	111.3	111.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Switchgear and switchboard apparatus—Continued								
Secondary products and miscellaneous receipts .....		3613-SM					( <sup>3</sup> )	( <sup>3</sup> )
Miscellaneous receipts .....		3613-M	06/85	99.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Resales .....		3613-Z89	06/85	99.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3613-S	06/85	116.4	116.9	118.3	5.6	1.2
Other secondary products .....		3613-SSS	06/85	120.4	122.0	121.9	3.7	-1
Current-carrying wiring devices .....		3643-S	06/85	121.7	121.6	127.2	( <sup>3</sup> )	4.6
Electrical industrial apparatus .....	362		12/84	111.8	113.2	113.4	4.9	.2
Electric motors and generators .....	3621		06/83	121.1	122.9	123.1	6.5	.2
Primary products .....		3621-P	06/83	120.2	122.3	122.5	6.4	.2
Fractional horsepower motors and generators .....		3621-1	06/83	118.0	120.1	120.0	6.6	-1
Automobile accessory motors .....		3621-111	06/83	97.0	97.0	97.0	.1	0
Aircraft and space motors (excluding generators) .....		3621-112	12/87	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Universal motors (cased) .....		3621-115	06/83	131.7	138.5	138.4	8.5	-1
Direct current motors and generators .....		3621-17	06/83	108.5	113.9	112.9	3.4	-9
Case diameter: up to 3 inches .....		3621-171	06/83	107.4	110.1	110.1	4.4	0
Case diameter: 3 3/4 inches to 9 inches .....		3621-172	06/83	108.8	116.4	114.6	2.6	-1.5
Alternating current motors .....		3621-18	06/83	126.0	128.5	128.3	9.1	-2
Skeleton type shaded pole motors .....		3621-181	06/83	110.3	( <sup>3</sup> )	110.9	1.8	( <sup>3</sup> )
Conventional type shaded pole motors .....		3621-182	06/83	119.2	120.7	121.4	9.9	.6
Case diameter: up to 3 3/4 inches .....		3621-18201	06/83	114.1	115.4	116.3	12.3	.8
Case diameter: 3 3/4 inches to 9 inches .....		3621-18202	06/83	125.9	127.6	127.6	4.8	.0
Other A.C. motors, excluding clock type .....		3621-183	06/83	129.2	132.1	131.6	9.5	-4
Case diameter: up to 5 3/8 inches, less than 1 hp .....		3621-18301	06/83	118.1	123.4	123.4	7.6	0
Case diameter: 5 3/8 inches to 9 inches, less than 1 hp .....		3621-18302	06/83	131.5	133.8	133.2	9.8	-4
Integral horsepower motors and generators, except for land transportation equipment .....		3621-2	06/83	116.1	119.2	120.0	7.2	.7
D.C. motors and generators .....		3621-2C	06/83	125.4	127.9	129.7	7.5	1.4
1 to 200 h.p. (3/4 to 150 kw) .....		3621-231	06/83	122.3	124.7	126.5	7.5	1.4
A.C. generators, except turbine driven, arc welding, and aerospace .....		3621-2D	06/83	96.3	96.9	96.9	1.0	0
3/4 to 400 kw .....		3621-241	06/83	107.7	108.6	108.6	1.7	0
Over 400 kw .....		3621-242	07/83	86.7	87.1	87.1	.5	0
A.C. motors .....		3621-21	06/83	117.3	120.9	121.7	8.0	.7
Single phase, all h.p. ratings .....		3621-222	06/83	94.7	95.6	95.6	1.4	0
Polyphase-induction .....		3621-223	06/83	118.4	121.8	123.0	8.1	1.0
1 to 500 h.p. .....		3621-22301	06/83	122.6	126.6	128.2	9.6	1.3
Prime mover generator sets, exc. steam or hydraulic turbine .....		3621-4	06/83	126.4	126.8	126.8	8.1	0
Gas and/or gasoline driven (A.C. and D.C. output) .....		3621-411	06/83	148.2	148.2	148.2	1.6	0
Fractional horsepower motor-generator sets .....		3621-7						
Other rotating equipment .....		3621-71	06/83	125.8	128.6	128.6	6.4	0
Synchros, servos, rate generators, resolvers, and combinations .....		3621-753	06/83	123.8	126.2	126.2	6.9	0
Integral horsepower motor-generator sets .....		3621-8	06/83	135.8	135.8	135.8	0	0
Synchronous converters and double current generators .....		3621-811	06/83	112.2	112.2	112.2	1.4	0
Parts and supplies for motors and generators .....		3621-9	12/87	105.4	105.8	105.8	4.8	0
Parts and supplies for motors, generators and sets .....		3621-911	06/83	117.8	118.3	118.3	4.8	0
Secondary products and miscellaneous receipts .....		3621-SM						
Secondary products .....		3621-S	06/83	122.4	122.4	122.4	3.1	0
Other secondary products .....		3621-SSS	06/83	116.5	116.5	116.5	2.8	0
Industrial controls .....	3622		06/85	109.7	110.5	110.9	4.1	.4
Primary products .....		3622-P	06/85	109.7	110.4	110.8	4.3	.4
General industrial controls .....		3622-A	06/85	113.7	113.8	113.9	5.1	.1
Starters, contactors and motor control centers .....		3622-1	06/85	115.1	114.8	114.9	5.4	.1
Full voltage starters, AC, 1000 volts or less .....		3622-112	06/85	121.2	121.2	121.2	6.0	0
Non-combination full voltage starter .....		3622-11201	06/85	120.8	120.8	120.8	5.8	0
Combination full voltage AC starter .....		3622-11202	06/85	121.9	121.9	121.9	6.4	0
Contactor, AC, 1000 volts or less .....		3622-113	06/85	115.6	118.3	118.3	4.7	0
Motor control center, 1000 volts or less .....		3622-116	06/85	110.5	( <sup>3</sup> )	109.7	6.4	( <sup>3</sup> )
Other starters, contactors and controls .....		3622-119	06/85	104.8	103.6	104.1	1.1	.5
Medium voltage starter or contactor, 1001-7200 volts .....		3622-11918	06/85	98.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Pilot or control circuit device .....		3622-2	06/85	118.4	118.8	119.2	5.6	.3
Limit switch or other position sensor, solid state or mechanical .....		3622-231	06/85	117.6	118.0	118.8	5.5	.7
Mechanical .....		3622-23101	06/85	120.4	120.4	120.4	6.0	0
Interval timers, and other industrial pilot circuit devices .....		3622-242	06/85	114.1	115.6	115.5	4.3	-1
Industrial pushbuttons, selector switches, pilot lights, foot switches and push button stations .....		3622-244	06/85	121.4	121.4	121.4	6.1	0
Brake, clutch or related electrically operated device (excluding dynamic braking controls) .....		3622-321	06/85	108.0	110.0	110.0	4.8	0
Other general purpose controls and accessories .....		3622-497	06/85	108.8	108.8	108.8	4.4	0
Specific application industrial controls .....		3622-B	06/85	103.3	104.5	105.4	3.3	.9
Rheostat or resistor for use in motor field circuit, sold separately .....		3622-381	06/85	106.1	106.1	106.1	0	0
Crane and hoist controls .....		3622-648	06/85	122.5	122.5	122.5	2.3	0
Control for packaged adjustable speed drive .....		3622-696	06/85	104.1	108.5	109.7	5.4	1.1
Machine tool controls .....		3622-7	06/85	83.9	83.9	83.9	0	0
Digital readout numerical control (including dial and plugboard type) .....		3622-759	06/85	103.5	103.5	103.5	0	0
Other specific, special or definite purpose controls and devices .....		3622-8	06/85	106.8	107.7	109.1	2.8	1.3
Definite purpose contactor or starter, 600 volts or less .....		3622-849	06/85	107.3	111.9	111.9	5.4	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Industrial controls—Continued</b>								
Programmable controller, sold separately .....		3622-871	06/85	102.6	102.7	105.2	1.6	2.4
Other special controls except programmable controllers .....		3622-876	06/85	110.2	111.0	111.8	3.4	.7
Resistance welding control .....		3622-87601	06/85	113.5	113.5	115.9	3.2	2.1
AC or DC control panel or other specific purpose control .....		3622-87602	06/85	108.8	110.0	110.0	3.4	0
Renewal parts .....		3622-999	06/85	114.0	115.8	115.8	2.4	0
<b>Secondary products and miscellaneous receipts</b>								
Contract work and other miscellaneous receipts .....		3622-SM						
Secondary products .....		3622-XY9	06/85	127.7	127.7	127.7	7.6	0
Switchgear, switchboards, control circuit relays and related devices .....		3622-S	06/85	104.4	106.6	106.6	2.5	0
Other secondary products .....		3613-S	06/85	100.4	104.7	104.7	4.3	0
		3622-SSS	06/85	108.2	108.4	108.4	.9	0
<b>Welding apparatus, electric</b>								
Primary products .....	3623	3623-P	12/84	113.9	116.2	116.3	5.7	.1
Arc welding machines, components, and accessories, excluding electrodes .....			12/84	114.1	116.2	116.1	5.5	-.1
Arc welding machines .....		3623-1	12/84	111.3	114.2	114.1	4.4	-.1
Transformer type, A.C., 300 amps and under .....		3623-11	12/84	113.4	117.0	117.0	5.2	0
Rectifier types, incl. A.C.-D.C. ....		3623-114	12/84	111.9	116.4	116.2	7.1	-.2
Components and accessories for arc welding apparatus, excluding electrodes .....		3623-12	12/84	114.8	117.7	117.7	4.1	0
All other accessories for arc welding machines, excluding electrodes and welding rods .....		3623-12	12/84	107.2	108.7	108.7	2.9	0
Arc welding electrodes .....		3623-159	12/84	108.5	110.4	110.4	2.0	0
Stick electrodes, straightened and cut lengths, including solid, cored, covered and bare .....		3623-2	12/84	116.9	118.7	118.7	7.7	0
Mild steel .....		3623-21	12/84	117.7	119.8	119.8	7.8	0
Coiled/spooled continuous wire electrodes for including arc weld and inert gas shielded .....		3623-211	12/84	113.4	115.8	115.8	5.5	0
Solid wire .....		3623-22	12/84	115.7	117.0	117.0	7.3	0
Mild steel .....		3623-221	12/84	118.8	119.0	119.0	7.5	0
Cored wire (shielded) .....		3623-22152	12/84	121.6	121.9	121.9	5.3	0
Mild steel .....		3623-222	12/84	111.4	114.3	114.3	7.2	0
Resistance welders, components, accessories, and electrodes .....		3623-22261	12/84	111.4	114.3	114.3	7.2	0
Flash, upset, butt and all other resistance type welders .....		3623-3	12/84	113.2	114.1	113.8	2.0	-.3
Resistance welder accessories, including electrode holders .....		3623-352	12/84	121.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3623-381	12/84	142.6	142.2	140.0	5.6	-1.5
Miscellaneous receipts .....		3623-SM						
Secondary products .....		3623-M	12/84	119.5	122.3	123.7	13.7	1.1
Other secondary products .....		3623-S	12/84	110.8	113.4	113.8	3.3	.4
		3623-SSS	12/84	110.8	113.4	113.8	3.3	.4
<b>Carbon and graphite products</b>								
Primary products .....	3624	3624-P	06/85	97.8	99.5	99.8	3.1	.3
Carbon and graphite electrodes .....		3624-1	06/85	96.5	98.2	98.3	3.1	.1
Graphite electrodes .....		3624-156	06/85	89.6	90.9	90.9	2.1	0
Carbon and graphite products, excluding electrodes .....		3624-9	06/85	85.6	87.1	87.1	2.7	0
Brushes, contacts, and brushplates .....		3624-91	06/85	104.7	107.0	107.3	4.4	.3
Automotive brushes, including replacement and coded, excluding auto accessory brushes .....		3624-91	06/85	105.0	106.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other fractional horsepower brushes & contacts, including replacement & miniature brushes .....		3624-913	06/85	103.8	105.5	105.5	1.7	0
All other industrial brushes and contacts .....		3624-915	06/85	107.3	112.0	112.0	4.5	0
Carbon & graphite products except electrodes, brushes, contacts & brushplates .....		3624-98	06/85	104.3	106.3	106.7	4.6	.4
Products with mechanical application excluding metallic oilless bearings .....		3624-983	06/85	107.1	110.2	109.6	5.7	-.5
Products with other applications including chemical, metallurgical, & refractory usages .....		3624-989	06/85	104.8	108.0	107.5	1.2	-.5
Secondary products and miscellaneous receipts .....		3624-SM						
Secondary products .....		3624-S	06/85	105.3	109.1	112.3	6.6	2.9
Other secondary products .....		3624-SSS	06/85	101.8	101.8	108.0	6.1	6.1
<b>Electrical industrial apparatus, n.e.c.</b>								
Primary products .....	3629	3629-P	12/85	100.5	100.9	100.6	-1.4	-.3
Rectifying apparatus, except electronic .....		3629-2	12/85	98.3	98.9	98.9	-3.1	0
Semiconductor power conversion apparatus .....		3629-211	12/85	100.1	101.2	101.4	1.5	.2
Semiconductor battery chargers .....		3629-21111	12/85	100.8	102.1	102.4	1.5	.3
Other rectifying (power conversion) apparatus .....		3629-212	12/85	104.5	107.1	107.7	2.9	.6
Other electrical equipment for industrial use .....		3629-3	12/85	97.2	97.2	97.2	1.9	0
Other miscellaneous electrical industrial apparatus, n.e.c., including thermic generators .....		3629-319	12/85	107.4	107.4	108.1	2.7	.7
Secondary products and miscellaneous receipts .....		3629-SM						
Secondary products .....		3629-S	12/85	109.4	109.2	107.3	7.8	-1.7
<b>Household appliances</b>								
Primary products .....	363		12/84	101.5	102.2	102.3	1.7	.1
<b>Household cooking equipment and parts</b>								
Primary products .....	3631	3631-P	06/81	107.9	108.6	108.5	-.5	-.1
Electric, electronic, and microwave household cooking units and parts .....		3631-1	06/81	106.4	107.1	107.0	-1.2	-.1
Free-standing electric ranges and ovens .....		3631-1A	06/81	101.0	102.1	101.9	-2.2	-.2
			06/81	112.6	113.9	114.4	.1	.4

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Household cooking equipment and parts—Continued								
Free-standing ranges 23 to 32 inches in width .....		3631-112	06/81	111.9	113.1	113.7	0.2	0.5
Low oven .....		3631-11201	06/81	111.2	112.6	113.0	0	.4
Other than free-standing electric ranges .....		3631-1B	06/81	123.2	127.4	125.1	2.1	-1.8
Built-in ranges .....		3631-121	06/81	115.7	119.3	119.3	3.8	0
Surface cooktops .....		3631-21113	06/81	113.8	116.4	116.4	2.2	0
Microwave cooking equipment .....		3631-1C	06/81	78.4	78.4	78.4	-6.2	0
Portable microwave ovens .....		3631-174	06/81	( <sup>3</sup> )	70.0	70.0	-8.4	0
Gas household units and parts .....		3631-3	06/81	116.9	117.0	117.0	1.2	.0
Standard type gas ranges .....		3631-3A	06/81	116.5	116.6	116.6	.5	0
Free-standing ranges .....		3631-312	06/81	115.4	115.5	115.5	.3	0
Free-standing gas ranges over 32 inches .....		3631-31211	06/81	121.0	121.0	121.0	2.4	0
Free-standing gas ranges over 24 to 32 inches in width .....		3631-31213	06/81	113.4	113.5	113.5	.1	0
Free-standing gas ranges 24 inches and under in width .....		3631-31215	06/81	123.1	123.5	123.5	-1.8	0
Nonstandard type gas ranges .....		3631-3B						
Outdoor cooking equipment and all other household cooking equipment except gas and electric .....		3631-4						
Outdoor cooking equipment .....		3631-4A	06/81	116.3	116.3	116.3	-2.2	0
Permanently installed outdoor cooking units .....		3631-411						
Portable outdoor cooking units .....		3631-412	06/81	113.6	113.6	113.6	-3.2	0
Other fuel consuming .....		3631-41213	06/81	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3631-SM						
Secondary products .....		3631-S	06/81	120.5	120.5	120.5	3.0	0
Other secondary products .....		3631-SSS	06/81	115.5	115.5	115.5	( <sup>3</sup> )	0
Household refrigerators and freezers .....								
Primary products .....	3632	3632-P	12/81	109.8	110.0	110.0	1.9	0
Household refrigerators, including combination refrigerator-freezers, complete units .....			12/81	111.8	112.1	112.1	2.5	0
14.4 cubic feet and under .....		3632-1	12/81	111.9	112.1	112.1	2.2	0
17.5 to 19.4 cubic feet .....		3632-102	12/81	107.9	108.5	108.5	1.2	0
Home and farm freezers, complete units for freezing and/or storing food .....		3632-143	12/81	109.6	110.1	110.0	2.0	-1
Secondary products and miscellaneous receipts .....		3632-2	04/82	106.9	107.7	107.7	( <sup>3</sup> )	0
Secondary products .....		3632-SM						
		3632-S	12/81	103.2	103.2	103.2	.5	0
Household laundry equipment .....								
Primary products .....	3633	3633-P	12/79	131.2	131.8	132.0	.2	.2
Household mechanical washing machines, dryers, and washer-dryer combinations .....			12/79	132.0	132.6	132.6	-2	0
Washing machines, mechanical, electric .....		3633-1	12/79	127.8	128.4	128.4	-2	0
Fully automatic and semi-automatic, standard size .....		3633-1A	12/79	123.5	124.1	124.2	.2	.1
Dryers, mechanical .....		3633-131	12/79	123.1	123.8	123.8	0	0
Electric .....		3633-15	12/79	135.9	136.5	136.4	-8	-1
Other equipment and parts .....		3633-155	12/79	138.9	139.7	139.5	-1.6	-1
Secondary products and miscellaneous receipts .....		3633-3						
Miscellaneous receipts .....		3633-SM						
Secondary products .....		3633-M						
		3633-S	12/79	126.3	127.6	129.0	2.2	1.1
Electric housewares and fans .....								
Primary products .....	3634	3634-P	12/82	107.1	108.3	108.7	3.4	.4
Electric fans, except industrial, excluding parts .....		3634-1	12/82	105.5	107.0	107.3	2.7	.3
Kitchen ventilating and exhaust fans, including range and oven hoods .....		3634-18	12/82	103.1	102.3	102.5	2.9	.2
Electric range hoods, ducted and nonducted .....		3634-18	12/82	108.2	107.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other kitchen ventilating and exhaust fans .....		3634-184	12/82	107.9	107.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other household fans, excluding roof ventilators, furnace and air conditioning fans .....		3634-187	12/82	109.0	106.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Small household appliances, excluding parts .....		3634-198	12/82	94.4	93.4	94.4	3.9	1.1
Automatic coffeemakers .....		3634-5	12/82	105.4	107.0	107.5	2.5	.5
Vacuum, percolator, and drip coffeemakers .....		3634-53	12/82	96.9	95.9	99.7	.2	4.0
Air space heaters .....		3634-525	12/82	96.0	95.0	98.8	.3	4.0
Portable room heaters .....		3634-54	12/82	119.8	122.9	122.5	6.0	-3
Fan-forced type .....		3634-541	12/82	111.2	113.8	113.4	5.4	-4
Space heater for fixed installation, all types .....		3634-54101	12/82	111.4	114.2	113.8	5.4	-4
Baseboard, excluding glass panel type .....		3634-545	12/82	125.2	128.5	128.1	6.2	-3
All others, excluding warm air furnaces .....		3634-54501	12/82	122.1	128.2	128.2	9.7	0
Electric fry pans (skillet) .....		3634-54502	12/82	128.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Corn poppers .....		3634-542	12/82	102.7	104.9	104.9	6.5	0
Household food preparation appliances .....		3634-548	06/87	103.3	105.8	105.8	4.6	0
Food mixers, including standard attachments .....		3634-57	12/82	101.3	100.7	101.5	-1	.8
Stand mixers .....		3634-571	12/82	103.4	( <sup>3</sup> )	104.4	1.7	( <sup>3</sup> )
Blenders (liquifiers) .....		3634-57102	06/87	98.7	( <sup>3</sup> )	101.8	4.0	( <sup>3</sup> )
All other household food preparation appliances .....		3634-57103	12/82	101.8	( <sup>3</sup> )	101.8	-9	( <sup>3</sup> )
Blankets and all other electric bed coverings .....		3634-578	12/82	93.3	90.2	90.2	-7.5	0
All other electric appliances .....		3634-583	12/82	104.3	107.6	107.6	2.3	0
All other electric appliances .....		3634-598	12/82	109.2	113.9	113.9	5.7	0
Parts and attachments for small electric appliances .....		3634-59805	12/82	118.2	123.3	123.3	5.7	0
Electrothermal .....		3634-9						
Secondary products and miscellaneous receipts .....		3634-912	12/82	109.8	114.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
		3634-91201	12/82	108.0	116.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
		3634-SM						

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Electric housewares and fans—Continued								
Miscellaneous receipts .....		3634-M						
Resales .....		3634-Z89	01/86	98.0	97.7	99.5	5.2	1.8
Secondary products .....		3634-S	12/82	119.8	119.6	119.6	6.7	0
Household vacuum cleaners .....	3635		12/82	108.2	110.2	110.1	2.5	-1
Primary products .....		3635-P	12/82	107.4	109.2	109.2	2.5	0
Household vacuum cleaners, including parts and attachments .....		3635-1	12/82	107.4	109.2	109.2	2.5	0
Hand held vacuum cleaners .....		3635-111	12/82	114.9	118.0	118.0	17.1	0
Upright vacuum cleaners .....		3635-133	12/82	108.4	110.7	110.5	1.9	-2
Canister, tank, and all other general purpose vacuum cleaners .....		3635-137	12/82	106.4	107.4	107.6	1.9	.2
Complete power units, central system type .....		3635-141	12/82	108.1	113.0	113.0	3.1	0
Secondary products and miscellaneous receipts .....		3635-SM						
Secondary products .....		3635-S	12/82	115.1	119.7	119.7	4.8	0
Other secondary products .....		3635-SSS	12/82	114.2	119.4	119.4	5.5	0
Household appliances, n.e.c. ....		3639-S	12/82	115.9	119.9	120.0	4.3	.1
Sewing machines .....	3636		12/83	112.6	115.8	115.5	4.6	-3
Primary products .....		3636-P	12/83	112.2	115.4	115.0	4.5	-3
Industrial sewing machines, including parts and attachments .....		3636-2	12/83	111.6	114.7	114.4	4.6	-3
Parts & attachments for industrial sewing machinery .....		3636-2B5	12/83	121.1	123.3	123.3	5.2	0
All other parts and attachments .....		3636-2B503	12/83	115.5	119.7	119.9	2.0	.2
Household appliances, not elsewhere classified .....	3639		12/82	110.8	110.8	110.5	2.0	-3
Primary products .....		3639-P	12/82	109.4	109.5	109.0	2.0	-5
Electric water heaters .....		3639-1	12/82	116.2	116.0	116.2	4.3	.2
Electric water heaters, storage type .....		3639-101	12/82	116.2	116.0	116.2	4.3	.2
Electric water heaters, storage type, 34 gallons and under .....		3639-10111	12/82	133.7	133.7	133.7	5.6	0
Electric water heaters, storage type, 35 to 44 gallons .....		3639-10112	12/82	117.6	116.8	113.9	3.0	-2.5
Electric water heaters, storage type, 45 to 54 gallons .....		3639-10114	12/82	104.8	103.3	105.9	4.9	2.5
Electric water heaters, storage type, 55 gallons and over .....		3639-10115	12/82	106.7	110.3	111.4	3.2	1.0
Non-electric water heaters .....		3639-2	12/82	117.7	119.7	118.0	2.8	-1.4
Gas water heaters, direct fired storage type .....		3639-212	12/82	116.6	118.5	116.7	2.6	-1.5
Gas water heaters, direct fired storage type, 34 gallons and under ..		3639-21202	12/82	108.5	( <sup>3</sup> )	103.6	-7	( <sup>3</sup> )
Gas water heaters, direct fired storage type, 35 to 44 gallons .....		3639-21204	12/82	110.3	111.5	113.2	5.1	1.5
Gas water heaters, direct fired storage type, 45 to 54 gallons .....		3639-21206	12/82	126.5	128.8	125.7	.9	-2.4
Gas water heaters, direct fired storage type, 55 gallons and over .....		3639-21208	12/82	120.7	126.2	126.2	7.5	0
Other major household appliances, n.e.c. ....		3639-5	12/82	102.1	101.1	101.1	.4	0
Secondary products and miscellaneous receipts .....		3639-SM						
Miscellaneous receipts .....		3639-M						
Resales .....		3639-Z89	12/82	118.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3639-S	12/82	123.6	( <sup>3</sup> )	123.6	2.1	0
Electric lighting and wiring equipment .....	364		12/84	111.3	112.9	113.2	4.6	.3
Electric lamps .....	3641		12/83	106.9	107.3	107.1	-8	-2
Primary products .....		3641-P	12/83	106.3	106.7	106.5	-1.0	-2
Photographic incandescent lamps .....		3641-1	12/83	119.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Large incandescent lamps, except photographic and Christmas tree .....		3641-2	12/83	100.2	101.2	101.2	1.8	0
General lighting .....		3641-21	12/83	95.2	( <sup>3</sup> )	96.3	4.0	( <sup>3</sup> )
White lamps, 15-150 watts, 100-130 volts .....		3641-211	12/83	89.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Reflector, 100-130 volts .....		3641-23	12/83	112.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
R-type (blown glass) .....		3641-232	12/83	112.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Tungsten halogen (quartz iodine), excluding 650 watt sungun lamps ..		3641-26	12/83	68.1	( <sup>3</sup> )	68.0	-4.4	( <sup>3</sup> )
Miniature incandescent lamps, except Christmas tree .....		3641-3	12/83	104.4	104.4	102.7	1.8	-1.6
Electric discharge lamps, except Christmas tree .....		3641-4	12/83	108.9	107.6	107.7	-11.6	.1
Fluorescent, hot cathode .....		3641-42	12/83	108.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Miscellaneous electrical discharge .....		3641-43	12/83	110.8	110.0	110.4	-24.8	.4
Sodium, photo-chemical and other miscellaneous electrical discharge .....		3641-433	12/83	116.5	113.3	114.9	-18.2	1.4
Secondary products and miscellaneous receipts .....		3641-SM						
Current-carrying wiring devices .....	3643		12/81	126.9	127.8	128.2	2.7	.3
Primary products .....		3643-P	12/81	126.0	126.8	126.9	2.2	.1
Current-carrying wiring devices .....		3643-1	12/81	126.0	126.8	126.9	2.2	.1
Lampholders .....		3643-1A	12/81	145.1	155.7	155.7	10.2	0
Special purpose switches .....		3643-1D	12/81	115.7	116.0	116.0	.8	0
Dimmers and all other special purpose switches .....		3643-177	12/81	129.4	131.3	131.3	3.2	0
Wire connectors .....		3643-1E	12/81	125.0	125.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Attachment plug caps and flanged inlets, excluding pin and sleeve .....		3643-1F	12/86	105.9	109.1	109.4	5.6	.3
Convenience and power outlets, excluding pin and sleeve .....		3643-1G	12/81	96.1	95.2	95.2	1.0	.0
Convenience and power outlets: 2-pole, 3-wire and up (flush), nonlocking, 15 amps and under .....		3643-131	12/81	109.6	107.5	107.6	1.9	.1
All other current-carrying wiring devices .....		3643-198	12/81	129.0	129.0	129.0	.7	0
Secondary products and miscellaneous receipts .....		3643-SM						
Secondary products .....		3643-S	12/81	130.2	131.9	133.4	5.6	1.1
Other secondary products .....		3643-SSS	12/81	132.1	133.7	135.4	5.7	1.3
Noncurrent-carrying wiring devices .....	3644		12/81	140.2	142.7	143.7	8.6	.7
Primary products .....		3644-P	12/81	138.3	141.0	142.2	9.1	.9

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Noncurrent-carrying wiring devices—Continued</b>								
Electrical transmission line and utility pole hardware .....		3644-1	12/81	112.7	118.3	118.6	6.9	0.3
Pole and transmission line hardware, commercially available .....		3644-111	12/81	110.9	116.7	117.1	7.0	.3
All other commercially available pole and transmission line hardware .....		3644-11113	12/81	94.2	100.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Electrical conduit and conduit fittings .....		3644-2	12/81	139.7	140.6	142.8	11.0	1.6
Electrical conduit, raceways, and wireways .....		3644-21	12/86	113.6	111.0	113.4	5.1	2.2
Flexible nonmetallic conduit, including plastics and liquid-tight .....		3644-217	12/86	102.9	102.9	103.9	1.6	1.0
Metal raceways and wireways, including fittings: surface and underfloor .....		3644-218	12/81	126.5	129.4	127.9	2.6	-1.2
Electrical conduit fittings .....		3644-28	12/86	122.7	129.1	130.1	21.1	.8
Rigid metal conduit fittings: cast conduit bodies, covers, and gaskets .....		3644-281	12/81	175.5	177.4	177.4	9.1	0
All other rigid metal conduit fittings, including couplings, nipples, bends, and elbows .....		3644-282	12/81	137.5	140.0	140.0	7.2	0
EMT fittings (couplings and connectors), all types .....		3644-284	12/81	144.1	151.3	152.8	22.2	1.0
Cable, cord, and flexible conduit fittings .....		3644-286	04/82	164.4	184.2	187.7	46.4	1.9
All other electrical metal conduit fittings .....		3644-287	12/81	118.1	120.2	119.8	7.1	-.3
All other noncurrent-carrying wiring devices .....		3644-3	12/81	154.4	158.1	158.0	7.1	-.1
Stamped metal boxes, covers, and accessories, including stamped conduit boxes .....		3644-33	12/81	156.4	161.7	161.8	4.6	.1
Stamped metal switch and receptacle boxes .....		3644-331	12/81	150.8	154.4	154.6	5.0	.1
Stamped metal outlet boxes .....		3644-332	12/81	175.5	180.3	180.3	3.3	0
Stamped metal covers .....		3644-333	12/81	127.9	134.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Cast metal boxes, covers, gaskets, and accessories .....		3644-34	12/81	173.6	175.3	174.4	16.3	-.5
Junction type .....		3644-343	12/81	137.6	140.3	138.4	8.0	-1.4
Plastic boxes and covers .....		3644-357	12/81	135.8	135.8	135.8	6.5	0
All other noncurrent-carrying wiring devices, including floor boxes and covers .....		3644-375	12/81	135.1	137.9	137.9	6.7	0
Secondary products and miscellaneous receipts .....		3644-SM						
Miscellaneous receipts .....		3644-M	12/86	108.6	114.8	114.7	5.6	-.1
Resales .....		3644-Z89	12/86	108.7	114.9	114.9	5.7	0
Secondary products .....		3644-S	12/81	148.6	148.9	149.4	7.3	.3
Current-carrying wiring devices .....		3643-S	12/81	156.7	158.0	158.0	7.8	0
Other secondary products .....		3644-SSS	12/81	146.6	146.5	147.3	7.2	.5
<b>Residential lighting fixtures</b>								
Residential lighting fixtures .....	3645		12/83	121.1	122.3	123.2	5.6	.7
Primary products .....		3645-P	12/83	119.7	120.9	122.0	6.4	.9
Electric residential fixtures, except portable including parts .....		3645-1	12/83	117.8	119.2	119.1	5.6	-.1
Incandescent interior including bath or kitchen .....		3645-11	12/83	118.6	120.3	120.2	5.4	-.1
Ceiling or pendant .....		3645-111	12/83	120.0	121.9	121.8	5.5	-.1
Wall or bracket .....		3645-113	12/83	111.6	112.1	112.1	5.4	0
Incandescent outdoor .....		3645-12	12/83	118.0	118.5	118.4	3.3	-.1
Fixture attached to house .....		3645-115	12/83	124.2	124.9	124.9	4.5	0
Fixture not attached to house .....		3645-117	12/83	97.1	( <sup>3</sup> )	96.7	-1.0	( <sup>3</sup> )
Portable electric residential fixtures .....		3645-7	12/83	121.8	122.9	125.2	7.2	1.9
Incandescent portable lamps complete with shade .....		3645-71	12/83	122.2	123.6	126.1	8.2	2.0
Floor, bridge, and torch lamps .....		3645-7121	12/83	125.8	123.3	128.5	6.3	4.2
Table lamps .....		3645-7123	12/83	126.7	129.8	132.2	10.4	1.8
Other portable lamps .....		3645-7129	12/83	127.3	127.3	128.7	5.1	1.1
Secondary products and miscellaneous receipts .....		3645-SM						
Secondary products .....		3645-S	12/83	134.0	134.9	134.9	.7	0
<b>Commercial lighting fixtures</b>								
Commercial lighting fixtures .....	3646		06/81	126.0	130.8	130.2	5.5	-.5
Primary products .....		3646-P	06/81	125.5	129.6	128.9	4.5	-.5
Electric lighting fixtures, commercial and institutional types .....		3646-2	06/81	122.9	127.8	126.8	5.0	-.8
Incandescent fixtures, except portable .....		3646-201	06/81	134.5	140.1	136.9	3.3	-2.3
Utilitarian and ornamental types, surface or pendant .....		3646-20111	06/81	143.9	145.2	145.2	.9	0
Utilitarian and ornamental types, recessed .....		3646-20115	06/81	141.0	145.5	145.5	7.5	0
Mercury and other high-intensity discharge fixtures .....		3646-202	06/81	139.8	147.7	144.5	8.2	-2.2
Fluorescent fixtures, except portable .....		3646-203	06/81	117.4	121.9	121.7	5.2	-.2
Recessed air handling .....		3646-20351	06/81	118.4	122.1	120.6	7.3	-1.2
Recessed non-air handling .....		3646-20353	06/81	111.8	117.2	117.2	5.0	0
Striplights .....		3646-20354	06/81	116.3	119.9	120.7	3.6	.7
Ceiling systems .....		3646-20355	06/81	119.0	118.6	118.7	7.8	.1
Plastic wraparound .....		3646-20356	06/81	115.9	120.7	120.1	4.3	-.5
Surface or pendant .....		3646-20358	06/81	129.3	135.9	135.9	5.9	0
Component or renewal parts for commercial or institutional fixtures, sold separately .....		3646-204	06/81	130.4	132.2	132.2	4.1	0
Electric lighting fixtures, industrial types .....		3646-3	06/81	137.0	137.3	138.0	2.8	.5
General fixtures, except portable .....		3646-305	06/81	135.2	135.8	136.7	4.0	.7
Fluorescent fixtures .....		3646-30513	06/81	136.7	137.8	140.0	6.5	1.6
Mercury and other high-intensity discharge fixtures .....		3646-30521	06/81	124.8	125.1	125.1	2.8	0
Secondary products and miscellaneous receipts .....		3646-SM						
Secondary products .....		3646-S	06/81	129.8	143.1	142.8	15.3	-.2
<b>Vehicular lighting equipment</b>								
Vehicular lighting equipment .....	3647		12/83	105.7	107.5	107.1	4.2	-.4
Primary products .....		3647-P	12/83	103.9	106.0	105.6	2.6	-.4
Vehicular lighting equip., motor vehicle & other than motor vehicle use, excl. bulbs .....		3647-1	12/83	103.9	106.0	105.6	2.6	-.4

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Vehicular lighting equipment—Continued</b>								
Motor vehicle incandescent lighting equipment .....		3647-11	12/83	102.3	103.9	103.5	2.0	-0.4
Spot, fog, and auxiliary motor vehicle lighting equipment .....		3647-111	12/83	105.1	113.8	112.2	6.9	-1.4
Spot, fog, and auxiliary lighting equipment: domestic replacement .....		3647-1111	12/83	111.7	120.9	117.8	4.3	-2.6
All other motor vehicle lighting equipment .....		3647-112	12/83	102.0	102.8	102.6	1.4	-.2
All other motor vehicle lighting equipment: domestic replacement .....		3647-1121	12/83	110.2	112.2	110.9	1.6	-1.2
Tail light fixture .....		3647-11213	12/83	113.6	114.8	114.7	2.6	-.1
All other lighting equipment .....		3647-11214	12/83	106.6	108.1	107.7	3.8	-.4
All other motor vehicle lighting equipment shipped to U.S. motor vehicle mfg. as original equip .....		3647-1122	12/83	100.1	100.7	100.7	1.4	0
Tail light fixture .....		3647-11223	12/83	99.1	99.6	99.6	.8	0
All other lighting equipment .....		3647-11224	12/83	105.5	106.5	106.6	3.5	.1
Other than motor vehicle lighting equipment including fluorescent fixtures .....		3647-12	12/83	119.2	126.0	124.6	8.3	-1.1
Watercraft lighting equipment .....		3647-123	12/83	128.8	134.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other lighting equipment .....		3647-124	12/83	109.2	109.1	109.1	.2	0
Secondary products and miscellaneous receipts .....		3647-SM						
Secondary products .....		3647-S						
Other secondary products .....		3647-SSS	12/83	110.6	111.8	111.5	7.6	-3
<b>Lighting equipment, n.e.c.</b>								
Primary products .....	3648	3648-P	06/85	107.4	108.7	110.0	6.9	1.2
Outdoor lighting equipment, including parts .....		3648-5	06/85	108.4	108.9	110.7	7.7	1.7
Street and highway lighting luminaires, including bridge and tunnel lighting .....		3648-51	06/85	106.0	105.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Floodlighting, area, sports, and site lighting luminaires .....		3648-52	06/85	105.8	106.8	106.5	5.1	-3
Mercury/other high-intensity discharge types, general purpose floodlighting .....		3648-524	06/85	102.1	102.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Special purpose lighting, including sign, service station island, underwater fountain and pool .....		3648-528	06/85	112.4	116.6	116.6	11.2	0
Site lighting, under 20 foot mounting .....		3648-529	06/85	107.0	107.0	107.0	9.7	0
Bldg. mounted (such as high-intensity discharge, incandescent and quartz) .....		3648-532	06/85	96.2	103.1	100.2	1.7	-2.8
Aviation ground lighting equipment for fixed based airports .....		3648-53	06/85	109.0	109.0	109.0	0	0
Runway (excl. runway approach), taxiway, and ramp (incl. fixtures, regulators, insul. transf.) .....		3648-536	06/85	108.2	108.2	108.2	0	0
Poles, standards, newels, brackets, and accessories .....		3648-54	06/85	119.9	119.9	125.3	13.9	4.5
For area lighting, sports and other off-street use; steel poles w/brackets (under 60 ft) .....		3648-547	06/85	106.2	106.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other floodlighting and area lighting equipment .....		3648-55	06/85	104.2	105.9	105.9	2.1	0
All other outdoor lighting equipment .....		3648-552	06/85	108.7	111.1	111.1	3.0	0
Other electric and nonelectric lighting equipment, including parts and accessories .....		3648-9	06/85	107.7	108.0	108.4	2.1	.4
Other, incl. miners' lights, emergency warning lights, and generator flashlights .....		3648-919	06/85	112.0	112.0	112.0	3.5	0
Other electric and nonelectric lighting equipment, except hand portable .....		3648-92	06/85	106.2	106.8	106.8	2.8	0
Other incandescent, incl. marine markers or beacons, railway route lighting equipment .....		3648-922	06/85	99.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Parts and accessories for other electric lighting fixtures, n.e.c. ....		3648-925	06/85	116.8	116.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Nonelectric lighting equipment, including parts .....		3648-93	06/85	75.8	75.8	76.0	1.2	.3
Other nonelectric lighting fixtures and equip., complete units, incl. carbide lamps .....		3648-932	06/85	110.7	110.7	113.6	8.7	2.6
Parts and accessor. for nonelectric, incl. reflectors /fittings, incandescent mantles, etc. ....		3648-933	06/85	128.7	128.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3648-SM						
Secondary products .....		3648-S	06/85	103.4	107.7	107.6	4.4	-.1
Commercial lighting fixtures .....		3648-S	06/85	96.5	102.9	102.9	5.6	0
Other secondary products .....		3648-SSS	06/85	112.2	113.7	113.6	3.1	-.1
<b>Radio and television receiving equipment, except communication types</b>								
Radio and t.v.'s, phonographs, and related equipment .....	365		12/84	97.4	97.6	97.7	0	.1
<b>Radio and t.v.'s, phonographs, and related equipment</b>								
Primary products .....	3651	3651-P	03/80	90.4	90.8	90.7	.1	-.1
Television receivers, including combination models .....		3651-2	03/80	88.3	88.7	88.6	1.3	-.1
Console and combination TV receivers .....		3651-2C	03/80	77.7	78.0	78.0	.4	0
Console and console TV receiver, color .....		3651-204	03/80	83.9	83.9	83.8	2.3	-.1
Console TV receiver, color, remote control .....		3651-20401	12/86	83.9	83.9	83.9	2.4	0
Console TV receiver, color, nonremote .....		3651-20402	12/86	95.6	95.6	95.1	5.5	-.5
Table and portable .....		3651-21	03/80	92.3	92.3	93.1	-2.2	.9
Color TV over 17 inch .....		3651-216	03/80	72.0	72.5	72.5	-1.0	0
Color TV over 17 inch, remote control .....		3651-2161	03/80	71.8	72.3	72.3	-1.1	0
Color TV over 17 inch, remote control .....		3651-21601	12/86	91.2	91.9	91.9	-2.9	0
High fidelity equipment and components .....		3651-4	03/80	91.2	91.9	91.9	-2.9	0
Consumer high fidelity components .....		3651-4B	03/80	110.5	110.8	110.2	6.1	-.5
Amplifiers, receivers, preamplifiers, and tuners .....		3651-421	12/86	100.7	101.0	100.5	6.1	-.5
Other home audio & video eqpt. (turntables, arms, TV chassis sold sep.) .....		3651-425	03/80	103.4	104.5	104.9	1.9	.4
Other equipment and accessories, including speakers .....		3651-5	03/80	109.0	109.0	107.6	1.6	-1.3
			03/80	121.4	122.0	121.8	2.7	-.2

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Radio and t.v.'s, phonographs, and related equipment—Continued</b>								
Loudspeaker systems .....		3651-5A	03/80	113.9	114.7	114.7	1.1	0
Bookshelf type .....		3651-556	03/80	98.0	98.5	98.5	-4	0
Floor standing .....		3651-557	03/80	126.6	127.2	127.2	1.9	0
Loudspeakers sold separately .....		3651-554	03/80	120.9	121.2	120.8	4.3	-3
Secondary products and miscellaneous receipts .....		3651-SM						
Secondary products .....		3651-S	03/80	145.6	146.5	146.5	-3.2	0
<b>Phonograph records and prerecorded tapes .....</b>								
Primary products .....	3652	3652-P	12/84	100.0	99.6	100.4	0	.8
Disc records .....		3652-1	12/84	103.4	103.3	104.0	.1	.7
45 r.p.m. for own label .....		3652-122	12/84	112.1	114.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
33 1/3 r.p.m. for own label, stereo and quadraphonic .....		3652-131	12/84	99.8	98.4	99.9	-1.7	1.5
33 1/3 r.p.m. on contract basis for others, stereo and quadraphonic .....		3652-135	12/84	96.9	98.0	98.0	-4	0
Other records, including 33 1/3 r.p.m. monaural, 78 r.p.m., electric transcriptions, ex. video .....		3652-162	12/84	107.9	107.9	107.9	.7	0
Audio tapes .....		3652-2	12/84	99.3	97.3	99.4	.5	2.2
Cassette for own label .....		3652-284	12/84	98.5	94.7	98.7	1.4	4.2
Cassette on contract for others .....		3652-288	12/84	95.3	95.3	95.3	-7	0
Secondary products and miscellaneous receipts .....		3652-SM						
Miscellaneous receipts .....		3652-M						
Communication equipment .....	366		12/85	104.8	105.2	105.2	1.4	0
<b>Telephone &amp; telegraph apparatus .....</b>								
Primary products .....	3661	3661-P	12/85	108.8	109.3	109.6	2.0	.3
Line transmission (carrier) equipment .....		3661-A	12/85	109.6	110.0	110.5	2.6	.5
Digital (except optical) .....		3661-A12	12/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Digital multiplex .....		3661-A72	12/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Switching equipment .....		3661-B	12/85	102.6	102.6	102.5	-2.7	-1
Central office switches (common carrier) .....		3661-B1	12/85	109.7	109.7	109.5	-8	-2
Digital .....		3661-B15	12/85	106.5	106.5	106.2	-1.1	-3
Private branch exchange (PBX) .....		3661-B2	12/85	96.4	96.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Analog PBX .....		3661-B21	12/85	97.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Digital PBX .....		3661-B25	12/85	95.1	95.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
400 or fewer lines .....		3661-B2501	12/85	95.8	95.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Over 400 lines .....		3661-B2502	12/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other telephone switching equipment .....		3661-B5	12/85	92.1	92.1	92.1	-8.7	0
Other telephone switching equipment .....		3661-B51	12/85	92.1	92.1	92.1	-8.7	0
User terminals and interface equipment .....		3661-C	12/85	101.6	101.5	101.6	2.3	.1
Telephone sets .....		3661-C1	12/85	90.9	90.6	90.9	-1.5	.3
Basic set .....		3661-C13	12/85	87.9	87.5	87.9	-2.2	.5
Other telephone sets/stations .....		3661-C15	12/85	97.8	97.8	97.8	-2	0
Key set .....		3661-C1501	12/85	103.2	103.2	103.2	0	0
Other sets/stations .....		3661-C1509	12/85	76.6	76.6	76.6	-4.3	0
Modems, sold separately .....		3661-C3	12/85	115.8	115.8	115.8	8.8	0
Other telephone & telegraph apparatus .....		3661-D	12/85	104.7	106.4	105.9	3.2	-5
Other telephone & telegraph apparatus .....		3661-D1234	12/85	104.7	106.4	105.9	3.2	-5
Secondary products and miscellaneous receipts .....		3661-SM						
Miscellaneous receipts .....		3661-M	12/85	113.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3661-S	12/85	100.2	101.2	101.5	1.8	.3
<b>Radio &amp; television communication equipment .....</b>								
Primary products .....	3662	3662-P	12/85	102.8	103.1	102.9	1.2	-2
Broadcast, studio, and related electronic equipment .....		3662-A	12/85	103.0	103.5	103.2	1.2	-3
Studio equipment, audio and video including amplifiers, consoles, cameras, power supplies .....		3662-A11	12/85	104.6	105.0	105.1	2.0	.1
Broadcast transmitters and related transmission equipment .....		3662-A21	12/85	98.1	98.5	98.5	.7	0
Cable TV and CCTV equipment, and theater or commercial sound equipment .....		3662-A31	12/85	110.9	( <sup>3</sup> )	110.9	12.0	( <sup>3</sup> )
Communication equipment, except broadcast and wired telephone or telegraph .....		3662-B	12/85	108.6	109.1	109.3	1.3	.2
Point-to-point transmitters, receivers and power amplifiers, ex. satellite, amateur .....		3662-B33	12/85	105.3	104.8	104.1	1.6	-7
Space satellite communications and telemetering systems and equipment, sold sep .....		3662-B43	12/85	114.1	112.8	112.8	5.0	0
Mobile radio, airborne, marine, and ground, (except amateur, CB and portable.) .....		3662-B45	12/85	100.3	( <sup>3</sup> )	100.3	.5	( <sup>3</sup> )
Portable, amateur and citizens' band (CB) radio equipment .....		3662-B48	12/85	109.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other communications systems, equipment and devices sold separately .....		3662-B52	12/85	107.3	( <sup>3</sup> )	102.0	-1.0	( <sup>3</sup> )
Intercommunications, alarm, and traffic control systems and equipment .....		3662-C	12/85	100.5	101.3	101.3	3.3	0
Alarm systems, including intrusion, smoke, and heat detecting types .....		3662-C14	12/85	102.9	103.1	105.1	1.9	1.9
Vehicular and pedestrian traffic control equipment, including railway, excl. airborne .....		3662-C26	12/85	101.5	101.5	105.1	2.9	3.5
Search, detection, and tracking systems and equipment .....		3662-D	12/85	100.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Radar systems and equipment .....		3662-D21	12/85	103.9	105.4	104.9	1.5	-5
Sonar search, detection, tracking and communications systems and equipment .....		3662-D22	12/85	101.6	102.9	102.3	3.2	-6
			12/85	108.9	109.2	108.1	-3	-1.0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Radio &amp; television communication equipment—Continued</b>								
Meteorological, geophysical, CCDP sold separately, and other electronic sys. & eqpt .....		3662-D31	12/85	103.0	105.6	105.6	3.5	0
Electronic warfare and missile systems and equipment .....		3662-E	12/85	98.1	98.4	98.4	.4	0
Jamming and other active countermeasures equipment .....		3662-E11	12/85	100.8	102.2	102.2	3.3	0
Missile and space vehicle systems and equipment .....		3662-E13	12/85	96.7	96.7	96.7	-.8	0
Specialized electronic intelligence acquisition and analysis equipment .....		3662-E15	12/85	98.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Navigation systems and equip., incl. ground, airborne, ship and underwater .....		3662-F	12/85	99.2	99.2	99.2	1.3	0
Airborne navigation systems and equipment .....		3662-F22	12/85	98.5	98.5	98.5	.9	0
Surface and underwater marine, and ground .....		3662-F34	12/85	103.7	103.7	103.7	1.6	0
Other electronic equipment and devices related to radio technology, n.e.c. ....		3662-H	12/85	107.0	106.8	106.6	.8	-.2
Laser systems and equipment, except light communication types .....		3662-H63	12/85	103.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other electronic equipment n.e.c., including scientific, and consumer .....		3662-H99	12/85	108.7	108.7	108.5	1.8	-.2
Secondary products and miscellaneous receipts .....		3662-SM						
Miscellaneous receipts .....		3662-M	12/85	101.2	100.0	100.0	-1.7	0
Secondary products .....		3662-S	12/85	100.7	101.3	101.3	2.9	0
<b>Electronic components and accessories .....</b>	<b>367</b>		12/84	104.6	105.0	105.1	1.3	.1
<b>Electron tubes, all types .....</b>	<b>3671</b>		12/85	106.7	106.3	106.9	1.2	.6
Primary products .....		3671-P	12/85	109.8	109.2	110.1	2.7	.8
Transmitting, power and special purpose tubes .....		3671-3	12/85	117.7	116.7	118.2	2.8	1.3
Power and special purpose tubes .....		3671-301	12/85	124.9	124.1	125.7	4.8	1.3
Thyratrons and other gas and vapor tubes .....		3671-30121	12/85	165.2	165.2	165.2	18.2	0
Light emitting devices .....		3671-303	12/85	118.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Industrial and military cathode ray tubes .....		3671-30385	12/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Semiconductors and related devices .....</b>	<b>3674</b>		06/81	107.5	107.6	107.3	-.7	-.3
Primary products .....		3674-P	06/81	92.5	92.8	92.4	-.1	-.4
Integrated circuits .....		3674-1	06/81	87.5	87.8	87.1	-1.8	-.8
Digital monolithic integrated circuits .....		3674-1A	06/81	80.7	81.2	80.3	-1.0	-1.1
Bipolar .....		3674-12	06/81	94.7	94.3	90.9	-6.4	-3.6
Memory .....		3674-121	06/81	64.3	64.3	64.3	7.3	0
Random access (RAM) .....		3674-12103	06/81	116.1	116.1	116.1	25.1	0
Logic .....		3674-122	06/81	108.8	108.1	103.1	-10.0	-4.6
TTL (transistor transistor logic) .....		3674-12216	06/81	89.1	85.1	83.3	-7.5	-2.1
Other logic types .....		3674-12226	06/81	147.6	157.5	143.1	-14.5	-9.1
MOS (metal oxide on silicon) .....		3674-13	06/81	67.8	68.7	69.0	2.5	.4
Microprocessor .....		3674-13128	06/81	76.3	77.3	77.3	13.8	0
MOS, except microprocessors .....		3674-132	06/81	66.0	66.9	67.3	.4	.6
MOS memory .....		3674-13231	06/81	64.3	64.3	65.0	4.5	1.1
Other MOS digital devices .....		3674-13232	06/81	74.3	76.1	76.3	-2.9	.3
Analog integrated circuit devices .....		3674-1B						
Analog integrated circuit devices .....		3674-14	06/81	92.5	91.7	91.9	-2.2	.2
Amplifier .....		3674-14A						
Amplifier .....		3674-14116	06/81	96.1	96.1	96.1	0	0
Interface .....		3674-14B						
Regulator, reference, conversion and other miscellaneous types ...		3674-14C						
Voltage regulator or reference .....		3674-14117	06/81	107.3	107.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Data conversion .....		3674-14218	06/81	91.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Special consumer and other analog integrated circuits .....		3674-14321	06/81	92.8	92.2	92.4	-5.1	.2
Hybrid integrated circuits .....		3674-11	06/81	120.4	120.4	120.4	-4.2	0
Film interconnected devices .....		3674-111	06/81	122.5	122.5	122.5	-4.3	0
Thick film, silk screen process .....		3674-11109	06/81	95.9	95.9	95.9	-.7	0
<b>Transistors .....</b>		3674-2	06/81	80.5	80.5	79.9	.6	-.7
Signal .....		3674-21	06/81	60.7	60.8	59.2	2.1	-2.6
Signal .....		3674-21163	06/81	60.7	60.8	59.2	2.1	-2.6
Power .....		3674-22	06/81	99.3	99.3	99.3	0	0
Regular power transistors .....		3674-222A	06/81	94.0	94.0	94.0	0	0
10 watts and over, regular .....		3674-22267	06/81	64.1	64.1	64.1	0	0
<b>Diodes and rectifiers .....</b>		3674-3	06/81	124.1	124.1	124.1	-2.7	0
Signal diodes and assemblies .....		3674-31122	06/81	68.2	68.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Other semiconductor devices and parts .....</b>		3674-9	06/81	101.2	101.4	101.4	3.2	0
Optoelectronic devices .....		3674-91	06/81	90.4	90.4	90.5	-.1	.1
Light emitting diodes (LED) .....		3674-91A						
Light emitting diodes (LED) .....		3674-91282	06/81	92.6	92.6	92.6	.1	0
Other optoelectronic devices .....		3674-91193	06/81	94.7	94.7	94.8	-.4	.1
Thyristors .....		3674-921						
Other finished semiconductor devices .....		3674-922	06/81	95.8	95.8	95.8	0	0
Semiconductor parts and semi-finished devices .....		3674-925	06/81	100.4	100.4	100.4	4.1	0
Semi-finished dice and wafers .....		3674-92595	06/81	93.3	93.3	93.3	3.9	0
Semiconductor parts .....		3674-92597	06/81	112.1	112.1	112.1	4.7	0
Secondary products and miscellaneous receipts .....		3674-SM						
Secondary products .....		3674-S	06/81	121.0	121.0	121.0	-11.5	0
Other secondary products .....		3674-SSS	06/81	102.2	102.2	102.2	-4.6	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Electronic capacitors .....	3675		06/81	96.9	100.4	100.4	3.5	0
Primary products .....			06/81	95.9	99.6	99.5	3.2	-1
Tantalum electrolytic capacitors .....		3675-P	06/86	97.2	99.3	96.6	-3.0	-2.7
Slug and wire solid dry electrolytic capacitors .....		3675-B11	06/86	94.2	96.8	93.6	-3.7	-3.3
Metal case, hermetic .....		3675-B1101	06/81	74.7	( <sup>3</sup> )	76.3	2.3	( <sup>3</sup> )
Aluminum electrolytic capacitors .....		3675-C	06/81	110.3	115.2	117.1	4.7	1.6
Metal case tubular capacitors .....		3675-C11	06/86	118.2	123.3	125.4	4.8	1.7
Standard 5/8-inch diameter and up .....		3675-C1101	06/81	119.4	124.0	125.8	2.1	1.5
Ceramic dielectric capacitors .....		3675-E	06/81	77.5	77.4	78.3	-3.1	1.2
Fixed tubular, fixed disc .....		3675-E11	06/81	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Stand-off tubular and disc and all two-terminal ceramic devices .....		3675-E12	06/86	122.5	117.7	116.5	-3	-1.0
Monolithic ceramic capacitors .....		3675-E2	06/86	97.4	97.4	98.9	-3.9	1.5
Monolithic chips .....		3675-E21	06/81	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Monolithic leaded radial .....		3675-E22	06/81	74.2	74.2	76.2	-7.5	2.7
Monolithic leaded axial .....		3675-E23	06/81	35.5	35.1	35.1	-3.6	0
Secondary products and miscellaneous receipts .....		3675-SM						
Secondary products .....		3675-S	06/81	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other secondary products .....		3675-SSS	06/86	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Resistors for electronic applications .....	3676		12/80	125.0	126.2	126.8	4.6	0.5
Primary products .....		3676-P	12/80	126.2	127.3	128.1	4.9	.6
Fixed nonwirewound discrete resistors .....		3676-1	12/80	130.9	133.7	136.2	7.4	1.9
Carbon composition .....		3676-132	10/84	153.4	156.8	158.8	5.0	1.3
Fixed wirewound discrete resistors .....		3676-2	12/80	117.4	117.4	117.4	3.3	0
Precision, high temperature .....		3676-212	12/80	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ultraprecision .....		3676-213	12/80	114.5	114.5	114.5	.7	0
Nonprecision .....		3676-214	12/80	128.0	128.0	128.0	4.4	0
Variable nonwirewound resistors .....		3676-3	12/80	127.5	130.3	129.8	6.2	-.4
Fixed resistor networks .....		3676-6	12/80	77.1	77.1	77.1	-4.2	0
Thick film .....		3676-612	12/80	83.9	83.9	83.9	-4.2	0
Secondary products and miscellaneous receipts .....		3676-SM						
Miscellaneous receipts .....		3676-M	01/84	130.5	138.0	138.0	6.3	0
Electronic coils, transformers, and other inductors .....	3677		06/82	121.2	122.0	122.2	3.5	.2
Primary products .....		3677-P	06/82	122.3	123.6	123.8	3.9	.2
Radio frequency coils .....		3677-113	06/86	122.8	122.8	122.8	7.6	0
Audio transformers .....		3677-132	06/82	118.2	118.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Low frequency chokes .....		3677-133	06/82	126.6	128.5	128.5	3.2	0
Plate and filament (power) transformers .....		3677-141	06/82	111.9	115.3	115.2	7.3	-.1
Pulse transformers .....		3677-161	06/82	118.0	118.0	118.0	1.9	0
Toroidal windings, except complete magnetic amplifiers .....		3677-191	06/82	148.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other inductors for electronic applications .....		3677-192	06/82	131.3	132.2	133.7	4.7	1.1
Secondary products and miscellaneous receipts .....		3677-SM						
Secondary products .....		3677-S	06/82	107.3	105.8	105.8	-1.5	0
Other secondary products .....		3677-SSS	06/82	104.2	102.8	102.8	-1.5	0
Connectors for electronic applications .....	3678		12/80	129.4	129.9	132.6	2.8	2.1
Primary products .....		3678-P	12/80	128.8	129.5	132.7	3.7	2.5
Coaxial connector (radio frequency) .....		3678-1	12/80	172.3	172.6	173.9	8.7	.8
Cylindrical connectors .....		3678-2	12/80	133.2	133.9	134.1	-.2	.1
Heavy duty and standard .....		3678-225	12/80	154.8	154.5	154.7	-.1	.1
Miniature .....		3678-229	12/80	116.2	117.1	117.1	-2.1	0
Subminiature .....		3678-231	12/80	139.2	140.6	141.3	2.6	.5
Rack and panel connector (rectangular) .....		3678-3	12/80	116.7	116.9	117.2	1.1	.3
Integral shell and similar types .....		3678-335	12/80	120.8	120.8	120.9	.1	.1
Subminiature and other .....		3678-338	12/80	114.3	114.7	115.1	1.8	.3
Printed circuit connector .....		3678-4	12/80	114.5	114.6	120.6	5.5	5.2
Card insertion type .....		3678-444	12/80	112.9	113.1	122.9	9.1	8.7
Two-piece type .....		3678-447	12/80	115.6	115.6	115.6	0	0
Other special types .....		3678-5	12/80	125.3	126.7	132.6	4.2	4.7
Miscellaneous special purpose type connectors .....		3678-554	12/80	118.2	119.6	125.1	4.3	4.6
Other special purpose types .....		3678-556	12/80	111.8	111.8	111.8	.2	0
Connector parts .....		3678-6	12/86	104.2	104.2	105.9	1.6	1.6
Secondary products and miscellaneous receipts .....		3678-SM						
Secondary products .....		3678-S	12/80	126.0	126.0	126.7	0	.6
Electronic components, n.e.c. .....		3679-S	12/80	125.0	125.0	127.0	.1	1.6
Electronic components, n.e.c. .....	3679		06/82	113.8	114.2	114.1	2.0	-.1
Primary products .....		3679-P	06/82	118.3	118.5	118.8	2.5	.3
Relays for electronic (low current) applications .....		3679-A	06/82	140.4	( <sup>3</sup> )	140.4	1.5	( <sup>3</sup> )
Switches, mechanical (for electronic applications) .....		3679-B	06/82	115.2	119.6	119.6	4.2	0
Other switches: DIP, snap action, thumbwheel and other .....		3679-B13	06/82	118.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other switches .....		3679-B12	06/82	118.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Filters, crystals, power converters and related components .....		3679-C	06/82	138.9	137.2	139.1	11.4	1.4
Filters and crystals .....		3679-C01	06/82	130.5	131.6	134.0	29.5	1.8
Piezoelectric devices .....		3679-C018	12/86	107.9	109.4	112.4	10.1	2.7
Oscillator crystals .....		3679-C0181	12/86	110.7	110.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Crystal blanks .....		3679-C0184	12/86	99.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Static power converters and other pulse and frequency regulators or generators .....		3679-C02	06/82	145.7	141.6	143.2	.9	1.1
Static power supply converters, regulated .....		3679-C0243	06/82	139.3	138.0	140.0	4.2	1.4
Magnetic recording media (unrecorded) .....		3679-F	06/82	82.5	82.9	83.1	-.4	.2
Video tape, instrumentation tape, floppy disc and other .....		3679-F05	06/82	65.1	65.1	65.1	-1.2	0
Video tape .....		3679-F03	06/82	63.1	63.1	63.1	-1.6	0
Transducers .....		3679-G	06/82	112.6	109.3	109.3	7.8	0
Other transducers with electrical or electronic input or output .....		3679-G03	06/82	114.3	110.6	110.6	8.3	0
Other transducers (including thermal and optical except those covered under crystals) .....		3679-G0321	12/86	127.4	111.0	111.0	10.9	0
Printed circuits and cable assemblies .....		3679-H	06/82	114.6	114.2	114.7	1.4	.4
Cable harness assemblies for electronic applications .....		3679-H01	06/82	109.3	111.5	111.5	2.7	0
Printed circuit boards and related circuitry on passive substrates .....		3679-H02	06/82	115.2	114.5	115.1	1.2	.5
Single sided PC board .....		3679-H0201	06/82	107.8	110.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Double sided PC board .....		3679-H0202	06/82	116.8	116.0	116.4	1.9	.3
Multilayer PC board .....		3679-H0203	06/82	119.5	116.9	118.3	-.7	1.2
Complex component assemblies, packs and modules .....		3679-J	06/82	122.7	122.7	122.7	-.6	0
Active complex components .....		3679-J01	06/82	127.3	127.3	127.3	0	0
Microwave components (except tubes, semiconductors and antenna) .....		3679-K	06/82	128.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other microwave devices (except subassemblies) .....		3679-K02	06/82	128.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Electronic components, n.e.c.—Continued								
Parts and hardware for electronic components .....		3679-Q	06/82	126.3	128.5	128.5	4.0	0
Other n.e.c. ....		3679-Q04	06/82	128.2	130.7	130.7	4.5	0
Secondary products and miscellaneous receipts .....		3679-SM						
Resales .....		3679-Z89	12/86	90.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products .....		3679-S	06/82	108.2	109.1	108.0	.8	-1.0
Other secondary products .....		3679-SSS	06/82	109.8	110.8	110.8	1.3	0
Miscellaneous electrical machinery, equipment, and supplies .....	369		12/84	106.6	107.1	107.2	1.7	.1
Storage batteries .....	3691		12/84	110.2	109.6	108.8	-.4	-.7
Primary products .....		3691-P	12/84	110.4	109.8	109.0	-.5	-.7
Lead acid batteries, 1.5 cubic foot or less .....		3691-3	12/84	108.1	107.4	106.4	-1.3	-.9
Starting, lighting and ignition (SLI) type .....		3691-31	12/84	107.8	107.0	105.9	-1.8	-1.0
For OEM .....		3691-311	12/84	101.4	103.5	102.3	-5.6	-1.2
For replacement .....		3691-312	12/84	109.4	107.8	106.8	-.8	-.9
Other than SLI .....		3691-32						
For replacement .....		3691-322	12/84	113.0	113.9	114.1	6.6	.2
Lead acid batteries, larger than 1.5 cubic foot .....		3691-4	12/84	119.9	119.9	119.9	2.1	0
Motive power type .....		3691-41	12/84	120.4	120.4	120.4	2.1	0
Industrial truck .....		3691-411	12/84	121.0	121.0	121.0	2.1	0
Other motive power .....		3691-419	12/84	116.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Primary batteries, dry and wet .....	3692		12/80	128.4	128.7	132.0	4.9	2.6
Primary products .....		3692-P	12/80	130.1	130.4	134.1	4.8	2.8
Le Clanche type civilian batteries .....		3692-1	12/80	141.6	141.7	147.0	4.0	3.7
General purpose (flashlight) cell .....		3692-121						
General purpose D size .....		3692-12112	12/80	143.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Multiple cell batteries .....		3692-131	12/80	138.9	139.1	143.2	3.1	2.9
Lantern battery .....		3692-13111	12/80	136.6	136.7	141.7	3.7	3.7
Dry cells, except Le Clanche and military .....		3692-2	12/80	117.4	117.4	122.0	3.6	3.9
Alkaline cells .....		3692-212	12/80	129.9	129.9	135.6	4.1	4.4
AA size .....		3692-21213	12/80	129.2	129.2	134.3	1.8	3.9
All other sizes .....		3692-21215	12/80	141.4	141.4	150.0	( <sup>3</sup> )	6.1
Secondary products and miscellaneous receipts .....		3692-SM						
Secondary products .....		3692-S	12/80	160.0	160.0	160.0	16.0	0
X-ray and electromedical equipment .....	3693		06/85	103.9	104.8	104.8	1.2	0
Primary products .....		3693-P	06/85	102.8	103.7	103.7	1.2	0
Irradiation equipment, including X-ray, beta-ray, gamma-ray, and nuclear .....		3693-1	06/85	104.3	105.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Diagnostic medical X-ray equipment .....		3693-111	06/85	99.3	100.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
X-ray equipment accessories .....		3693-151	06/85	115.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Electromedical and electrotherapeutic equipment, except irradiation equipment .....		3693-2	06/85	101.7	102.5	102.4	.8	-.1
Diagnostic electromedical equipment .....		3693-21	06/85	93.7	93.7	93.7	0	0
Electrocardiograph .....		3693-211	06/85	101.2	101.2	101.2	.4	0
Ultrasonic scanning devices .....		3693-214	06/85	86.9	( <sup>3</sup> )	86.9	0	( <sup>3</sup> )
All other diagnostic electromedical equipment .....		3693-219	06/85	102.0	102.0	102.0	-.3	0
Electrotherapeutic equipment .....		3693-22	06/85	99.4	100.6	100.5	1.4	-.1
Pacemakers .....		3693-221	06/85	101.4	102.0	101.7	.7	-.3
Patient monitoring equipment .....		3693-23	06/85	104.0	104.1	104.1	.1	0
All other patient monitoring equipment .....		3693-234	06/85	104.1	104.3	104.3	.2	0
Parts and accessories for electromedical and electrotherapeutic equipment .....		3693-251	06/85	119.6	121.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3693-SM						
Miscellaneous receipts .....		3693-M	07/85	113.3	113.3	113.8	.6	.4
Resales .....		3693-Z89	08/85	112.8	112.7	113.3	.7	.5
Secondary products .....		3693-S	06/85	109.5	109.8	110.5	2.1	.6
Electrical equipment for internal combustion engines .....	3694		12/82	112.4	113.3	113.3	2.1	0
Primary products .....		3694-P	12/82	108.7	109.7	109.7	2.0	0
Ignition harness and cable sets .....		3694-1	12/82	109.7	110.6	110.6	2.5	0
Ignition harness sets .....		3694-11	12/82	108.4	108.7	108.7	1.4	0
Ignition harness sets, automotive type .....		3694-111	12/87	101.6	101.8	101.8	1.5	0
Cable sets .....		3694-13						
Cable sets, automotive type .....		3694-131	12/82	112.6	114.9	114.9	4.9	0
Battery charging alternators, generators, and regulators .....		3694-2	12/82	108.4	109.6	109.9	1.0	.3
Battery charging alternators and generators .....		3694-22	12/82	107.0	107.9	108.2	.2	.3
Alternators and generators, factory rebuilt automotive type .....		3694-228	12/82	110.3	113.5	114.7	2.0	1.1
Regulators for battery charging generators .....		3694-24	12/87	104.6	107.8	107.8	9.4	0
Regulators, passenger car & light truck type, new .....		3694-241	12/82	120.7	124.9	124.9	( <sup>3</sup> )	0
Starting motors .....		3694-3	12/82	109.7	111.1	110.9	1.1	-.2
Rebuilt automotive starting motors .....		3694-381	12/82	127.7	133.0	132.4	2.6	-.5
Spark plugs .....		3694-4	12/82	108.9	109.2	109.2	2.7	0
Spark plugs, automotive type .....		3694-411	12/82	108.0	108.0	108.0	2.6	0
Other complete electric equipment for internal combustion engines .....		3694-5	12/82	105.3	106.4	106.4	2.2	0
Ignition coils .....		3694-51						
Ignition coils, motor vehicle type .....		3694-511	01/83	116.7	119.1	119.1	4.6	0
Distributors .....		3694-53	04/83	94.9	94.9	94.9	1.1	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Electrical equipment for internal combustion engines—Continued								
Distributors, motor vehicle type .....		3694-531	04/83	94.4	94.4	94.4	1.1	0
Engine electronic equipment, including control modules .....		3694-551	12/87	102.9	102.7	102.7	2.0	0
Other ignition equipment .....		3694-561	12/82	101.8	102.1	102.1	.3	0
Other complete electrical equipment .....		3694-598	12/82	103.2	103.9	103.9	1.4	0
Components and parts for engine electrical equipment .....		3694-6	12/82	115.9	116.7	116.7	3.5	0
Parts for distributors .....		3694-63	12/82	127.6	128.7	128.7	3.6	0
Distributor heads and rotors .....		3694-632	12/82	118.2	118.5	118.5	5.8	0
Breaker point sets .....		3694-634	12/82	132.7	134.5	134.5	1.9	0
Other component parts for engine electrical equipment .....		3694-698	12/82	102.8	103.5	103.5	.7	0
Secondary products and miscellaneous receipts .....		3694-SM						
Resales .....		3694-Z89	01/83	114.2	115.2	114.9	4.1	-.3
Secondary products .....		3694-S	12/82	122.8	123.7	123.5	1.1	-.2
Other secondary products .....		3694-SSS	12/82	111.2	112.2	112.2	2.5	0
Motor vehicle parts and accessories .....		3714-S	12/82	129.2	130.7	130.4	2.8	-.2
Electrical equipment and supplies, not elsewhere classified .....	3699		12/85	107.7	107.4	108.0	4.0	.6
Primary products .....		3699-P	12/85	108.4	107.7	108.4	4.1	.6
Other electrical equipment, not elsewhere classified .....		3699-4	12/85	105.6	105.4	105.4	3.2	0
Other electric lamp components .....		3699-421	12/85	103.4	102.8	102.8	1.0	0
Other electrical equipment and supplies, not elsewhere classified .....		3699-495	12/85	109.7	109.7	109.7	2.3	0
Appliance wire and flexible cord sets .....		3699-611	12/85	133.8	129.9	129.9	8.6	0
Secondary products and miscellaneous receipts .....		3699-SM						
Secondary products .....		3699-S	12/85	115.7	120.0	120.0	7.4	0
Transportation equipment .....	37		12/84	111.3	110.8	111.4	4.1	.5
Motor vehicles and motor vehicle equipment .....	371		12/84	110.9	109.4	110.3	3.3	.8
Motor vehicles and passenger car bodies .....	3711		06/82	117.9	115.7	116.7	3.3	.9
Primary products .....		3711-P	06/82	117.7	115.4	116.5	3.3	1.0
Passenger cars .....		3711-111	06/82	115.8	113.0	114.5	2.6	1.3
Trucks, truck tractors and truck chassis .....		3711-2	06/82	121.6	120.3	120.4	4.5	.1
Trucks, truck tractors and truck chassis: 10,000 lbs. and less .....		3711-201	06/82	129.1	126.8	127.0	4.1	.2
Trucks, truck tractors and truck chassis: 10,001 to 19,500 lbs. ....		3711-202	11/82	120.0	122.4	120.1	1.5	-1.9
14,001 to 16,000 lbs. ....		3711-20217	06/87	109.7	109.9	110.2	7.6	.3
Trucks, truck tractors and truck chassis: over 19,500 lbs. ....		3711-203	06/87	104.1	104.7	104.5	5.8	-.2
26,001 to 33,000 lbs. ....		3711-20325	06/87	107.8	111.7	111.7	10.8	0
33,001 lbs. or more .....		3711-20326	06/87	103.5	104.0	103.7	3.7	-.3
Buses and fire department vehicles .....		3711-3	06/82	112.9	114.0	116.8	4.3	2.5
Buses .....		3711-3A	06/82	114.0	115.2	118.3	4.3	2.7
Fire department vehicles .....		3711-3B	06/82	116.6	117.1	118.1	3.7	.9
Secondary products and miscellaneous receipts .....		3711-SM						
Secondary products .....		3711-S	06/82	115.6	116.3	117.6	4.8	1.1
Other secondary products .....		3711-SSS	06/82	117.2	117.9	119.2	4.7	1.1
Truck and bus bodies .....	3713		12/82	120.5	122.4	122.9	6.4	.4
Primary products .....		3713-P	12/82	122.7	124.4	124.9	6.7	.4
Truck, bus and other vehicle bodies (sold separately) .....		3713-1	12/82	123.2	125.0	125.4	7.0	.3
Truck bodies .....		3713-1A	12/82	124.0	125.7	126.3	6.3	.5
Vans (unit/body cab) .....		3713-121	12/82	125.5	125.5	125.9	5.0	.3
Multistop .....		3713-12111	03/83	113.4	113.4	114.2	4.4	.7
All other vans, including panel .....		3713-12114	12/87	105.5	105.5	105.5	5.5	0
General cargo vans .....		3713-122	12/87	106.6	106.8	108.0	6.4	1.1
Refrigerator (except food service) .....		3713-12211	12/87	105.5	106.2	106.2	4.5	0
All other general cargo vans .....		3713-12213	12/87	107.4	107.4	109.0	7.8	1.5
Beverage trucks .....		3713-125	12/82	118.1	118.8	118.8	4.7	0
Specialized bodies .....		3713-13	12/87	106.7	109.0	109.3	7.1	.3
Wrecker .....		3713-131	12/82	114.5	115.4	115.4	6.9	0
Utility (line and service, repair type) .....		3713-13602	01/83	122.8	125.7	125.7	6.6	0
Refuse and garbage (packer type) .....		3713-139	12/82	123.6	126.1	126.7	8.2	.5
Front loading .....		3713-13901	12/82	115.6	116.4	119.0	9.0	2.2
Rear loading .....		3713-13902	12/82	125.5	128.8	128.8	9.1	0
Dump .....		3713-133	12/82	133.7	134.6	134.9	6.1	.2
Stake/platform/grain .....		3713-134	12/82	124.0	128.6	131.6	8.0	2.3
All other bodies for transporting goods .....		3713-135	12/82	124.3	125.1	125.2	3.6	.1
Bus bodies .....		3713-1B	12/82	115.4	115.4	117.0	4.4	1.4
School buses .....		3713-161	12/82	114.2	114.2	114.2	1.9	0
Other vehicle bodies .....		3713-1C	12/87	108.3	110.4	110.4	8.6	0
Other bodies, including truck cabs, truck beds, truck kits .....		3713-156	12/87	108.3	110.4	110.4	8.6	0
Complete vehicles produced on purchased chassis .....		3713-2	12/82	120.4	121.6	122.3	4.9	.6
Emergency vehicles and hearses .....		3713-2A	12/82	126.7	127.6	128.0	5.3	.3
Ambulances .....		3713-221	12/82	125.3	128.4	128.4	7.9	0
Fire department vehicles .....		3713-223	12/82	126.0	126.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Buses .....		3713-2B	12/82	118.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other highway vehicles .....		3713-2C						
Trucks .....		3713-241	12/82	113.3	114.6	114.9	3.2	.3
Secondary products and miscellaneous receipts .....		3713-SM						
Secondary products .....		3713-S	12/82	113.8	116.2	117.6	5.3	1.2
Other secondary products .....		3713-SSS	12/82	115.4	115.7	119.4	5.4	3.2
Truck trailers .....		3715-S	12/82	108.7	109.8	109.8	2.7	0

See footnotes at end of table.

Table 5. Producer price indexes for the net output of selected industries and their products—Continued

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Motor vehicle parts and accessories .....	3714		12/82	106.6	107.0	107.2	2.0	0.2
Primary products .....		3714-P	12/82	106.2	106.6	106.8	2.0	.2
Rebuilt parts .....		3714-10	12/82	119.9	121.9	123.6	5.0	1.4
Water pumps .....		3714-323	12/82	123.2	122.1	122.1	-.9	0
Clutch disc and pressure plates .....		3714-326	12/82	107.2	107.2	107.2	.3	0
Gasoline engines .....		3714-331	12/82	123.4	123.4	129.4	6.2	4.9
Other rebuilt parts .....		3714-398	12/82	118.7	123.4	123.4	6.2	0
Gasoline engines and gasoline engine parts, new .....		3714-2	12/88	100.1	100.2	100.4	( <sup>3</sup> )	.2
Gasoline engines, new .....		3714-201	04/83	114.4	114.5	114.5	3.1	0
All other parts and accessories for gasoline automotive engines, new .....		3714-235	12/88	100.0	100.4	100.5	( <sup>3</sup> )	.1
Filters, new .....		3714-4	12/82	101.5	101.1	101.1	0	0
Oil filters, light duty (car and light truck) .....		3714-401	12/88	100.7	100.6	100.6	( <sup>3</sup> )	0
Air filters, light duty (car and light truck) .....		3714-405	12/88	99.1	99.5	99.5	( <sup>3</sup> )	0
Exhaust system parts, new .....		3714-5	12/88	100.5	100.8	100.8	( <sup>3</sup> )	0
Mufflers, including standard, sports or glass packs & resonators .....		3714-501	12/82	115.1	115.8	115.8	4.6	0
Pipes .....		3714-502	12/82	102.9	103.5	103.5	2.2	0
Drive train components, new, except wheels and brakes .....		3714-6	12/88	100.6	100.9	101.1	( <sup>3</sup> )	.2
Transmissions and transmission parts, except auxiliary .....		3714-61	12/82	106.4	106.8	106.8	1.3	0
Car and light truck type transmissions .....		3714-611	12/88	101.2	101.2	101.2	( <sup>3</sup> )	0
Automatic transmissions .....		3714-61103	04/83	111.5	111.5	111.5	1.8	0
Transmission parts .....		3714-613	12/88	100.2	100.4	100.4	( <sup>3</sup> )	0
Parts for manual transmissions .....		3714-61313	12/82	103.5	104.8	104.8	1.4	0
Parts for automatic transmissions .....		3714-61314	12/82	104.6	104.7	104.7	-.2	0
Gear shifters .....		3714-631	12/88	100.0	99.6	99.6	( <sup>3</sup> )	0
Drive shafts .....		3714-632	12/88	99.5	( <sup>3</sup> )	100.6	( <sup>3</sup> )	( <sup>3</sup> )
Axles and axle parts .....		3714-635	12/88	100.4	100.3	100.6	( <sup>3</sup> )	.3
Motor vehicle wheels, new .....		3714-7	12/88	99.5	99.9	100.6	( <sup>3</sup> )	.7
Car and light truck type wheels .....		3714-71	12/82	112.3	112.9	113.9	2.3	.9
Steel .....		3714-711	12/88	99.3	99.5	100.2	( <sup>3</sup> )	.7
Aluminum .....		3714-712	12/88	( <sup>3</sup> )	102.7	104.4	( <sup>3</sup> )	1.7
Brake parts and assemblies, new .....		3714-8	12/88	100.2	100.3	100.3	( <sup>3</sup> )	0
Brake assemblies (disc/caliper) .....		3714-804	12/82	88.5	88.6	88.6	( <sup>3</sup> )	0
Brake rotor/discs .....		3714-806	12/88	100.2	100.5	100.5	( <sup>3</sup> )	0
Brake drums .....		3714-807	12/88	100.9	100.9	100.9	( <sup>3</sup> )	0
Antiskid systems and other brake parts .....		3714-812	12/88	100.1	100.0	100.2	( <sup>3</sup> )	.2
All other motor vehicle parts and accessories, new .....		3714-9	12/88	100.1	100.7	100.9	( <sup>3</sup> )	.2
Bumper assemblies, bumpers, and parts .....		3714-901	12/88	100.0	100.0	105.5	( <sup>3</sup> )	5.5
Automotive frames .....		3714-902	12/88	100.0	101.6	101.7	( <sup>3</sup> )	.1
Heaters, heater cores, and other heater parts .....		3714-904	12/88	102.9	103.8	103.8	( <sup>3</sup> )	0
Shock absorbers .....		3714-905	12/88	100.2	100.2	100.2	( <sup>3</sup> )	0
Steering idler arms, drag links, and control arms .....		3714-907	12/82	105.1	108.3	108.3	6.2	0
Ball joints .....		3714-908	12/82	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Windshield wiper blades .....		3714-914	12/88	100.0	100.4	101.3	( <sup>3</sup> )	.9
All other parts and accessories .....		3714-919	12/82	103.4	103.7	103.8	1.0	.1
Secondary products and miscellaneous receipts .....		3714-SM						
Miscellaneous receipts .....		3714-M	12/82	109.0	108.2	109.3	( <sup>3</sup> )	1.0
Resales .....		3714-Z89	12/82	110.3	110.4	111.9	5.5	1.4
Secondary products .....		3714-S	12/82	113.1	113.6	113.9	1.7	.3
Internal combustion engines, n.e.c. .....		3519-S	04/83	( <sup>3</sup> )	93.6	93.6	.5	0
Engine electrical equipment .....		3694-S	12/82	105.2	105.4	105.4	2.1	0
Other secondary products .....		3714-SSS	12/82	116.6	117.1	117.4	1.9	.3
Truck trailers .....	3715		12/79	124.3	124.8	125.1	4.7	.2
Primary products .....		3715-P	12/79	123.0	123.5	123.6	4.5	.1
Truck trailers and chassis (10000 lbs. per axle and over) .....		3715-1	12/79	121.8	122.3	122.4	4.4	.1
Vans .....		3715-1A	12/79	122.9	123.5	123.5	4.8	0
Closed top vans .....		3715-11	12/80	118.9	119.5	119.5	5.0	0
Closed top vans, insulated, semi-insulated and refrigerated .....		3715-101	12/80	123.1	123.8	123.8	5.1	0
Tank trailers .....		3715-1B	12/79	132.4	133.7	133.7	6.1	0
All other tanks .....		3715-132	12/86	130.3	130.3	130.3	18.7	0
Complete trailer units (10000 lbs. per axle and over), except vans and tanks .....		3715-1D	12/80	118.5	118.7	119.1	4.3	.3
Bulk commodity trailers, except vans .....		3715-133	12/79	105.1	111.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Platform trailers .....		3715-137	12/79	118.6	119.4	120.2	6.0	.7
Low-bed heavy haulers .....		3715-141	12/79	126.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Low-bed heavy haulers under 40 ton capacity .....		3715-138	12/80	131.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Low-bed heavy haulers 40 ton and over capacity .....		3715-139	12/80	115.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Dump trailers and chassis, highway type .....		3715-143	12/79	128.1	128.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other trailer units, except detachable .....		3715-149	12/79	121.9	117.2	117.2	5.8	0
Truck trailers and chassis (under 10,000 lbs. per axle) .....		3715-2	11/84	122.5	123.3	123.3	4.9	0
Secondary products and miscellaneous receipts .....		3715-SM						
Secondary products .....		3715-S	12/79	140.8	140.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other secondary products .....		3715-SSS	12/79	143.3	143.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Motor homes built on purchased chassis .....	3716		06/84	120.8	120.8	120.8	4.8	0
Primary products .....		3716-P	06/84	121.2	121.3	121.3	4.8	0
Conventional (type A) .....		3716-101	06/84	119.1	119.1	119.1	4.7	0
Chopped van or mini (type C) .....		3716-105	06/84	125.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Converted vans .....		3716-121	06/84	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3716-SM						

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Aircraft and parts .....	372		06/85	110.0	111.0	111.2	5.8	0.2
Aircraft .....	3721		12/85	107.3	108.4	108.9	7.8	.5
Primary products .....		3721-P	12/85	107.1	108.5	108.5	8.9	0
Modifications, conversions and overhaul of previously accepted aircraft .....		3721-4	12/85	94.8	96.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
For civilian customers .....		3721-451	12/85	102.1	103.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Complete civilian aircraft .....		3721-5	12/85	106.7	108.0	108.0	4.2	0
Fixed wing powered .....		3721-51	12/85	106.5	107.9	107.9	4.5	0
Single engine .....		3721-511	12/85	111.9	112.4	112.4	1.4	0
Multiengine .....		3721-521	12/85	106.4	107.8	107.8	4.5	0
Less than 10,000 pounds (empty weight) .....		3721-5213	12/85	108.5	109.0	109.0	4.9	0
10,000 pounds to 33,000 pounds (empty weight) .....		3721-5215	12/85	105.2	109.5	109.5	10.3	0
Rotary wing (helicopters, autogiros) .....		3721-53	12/85	109.4	109.5	109.5	.6	0
2,200 pounds and over (empty weight) .....		3721-533	12/85	113.4	113.7	113.7	.3	0
Secondary products and miscellaneous receipts .....		3721-SM						
Secondary products .....		3721-S	12/85	105.5	105.5	109.1	7.3	3.4
Other secondary products .....		3721-SSS	12/85	99.8	100.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Aircraft equipment, not elsewhere classified .....		3728-S	12/85	106.3	106.3	110.5	9.3	4.0
Aircraft engines and engine parts .....	3724		12/85	105.2	106.1	106.2	2.3	.1
Primary products .....		3724-P	12/85	104.5	105.8	105.9	2.3	.1
Aircraft engines for U.S. military customers .....		3724-1	12/85	100.0	100.6	100.8	2.6	.2
Aircraft engines for other than U.S. military customers .....		3724-2						
Aircraft engines for other than U.S. military customers .....		3724-201	12/85	109.3	111.0	109.8	1.9	-1.1
Aeronautical services on aircraft engines .....		3724-3	12/85	103.0	103.0	103.0	0	0
All other aeronautical services on aircraft engines .....		3724-33	12/85	103.0	103.0	103.0	0	0
All other aeronautical services on aircraft engines for other than U.S. military customers .....		3724-333	12/85	106.1	106.1	106.1	0	0
Aircraft engine parts and accessories .....		3724-4	12/85	105.2	107.1	107.8	3.2	.7
Aircraft engine parts and accessories for U.S. military customers .....		3724-413	12/85	94.2	98.1	100.4	4.9	2.3
Aircraft engine parts and accessories for other than U.S. military customers .....		3724-453	12/85	112.2	112.8	112.5	2.2	-3
Secondary products and miscellaneous receipts .....		3724-SM						
Secondary products .....		3724-S	12/85	108.3	108.3	108.3	2.8	0
Turbines and turbine generator sets .....		3511-S	12/85	111.8	111.8	111.8	-1.1	0
Other secondary products .....		3724-SSS	12/85	104.3	104.3	104.3	2.7	0
Aircraft parts and auxiliary equipment, n.e.c. ....	3728		06/85	112.4	112.6	112.7	3.5	.1
Primary products .....		3728-P	06/85	113.8	113.9	114.1	4.4	.2
Aircraft parts and equipment, including helicopter rotors and parts .....		3728-1	06/85	112.7	112.8	113.0	4.1	.2
Aircraft hydraulic subassemblies .....		3728-12	06/85	106.8	107.2	107.9	4.4	.7
For military aircraft (built to military specifications) .....		3728-1731	06/85	108.1	109.0	109.0	6.3	0
For civilian aircraft .....		3728-1755	06/85	105.7	105.6	107.0	2.7	1.3
Other aircraft subassemblies and parts .....		3728-15	06/85	113.5	113.7	113.9	4.7	.2
For military aircraft (built to military specifications) .....		3728-1987	06/85	114.6	114.5	114.8	5.8	.3
For civilian aircraft .....		3728-1995	06/85	112.2	112.7	112.7	3.2	0
Secondary products and miscellaneous receipts .....		3728-SM						
Radio and TV communication equipment .....		3662-S	09/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Aircraft engines and engine parts .....		3724-S	06/85	114.5	( <sup>3</sup> )	114.5	5.9	( <sup>3</sup> )
Other secondary products .....		3728-SSS	06/85	111.0	111.1	111.1	1.6	0
Ship and boat building and repairing .....	373		12/84	114.0	113.7	113.9	3.6	.2
Ship building and repairing .....	3731		12/85	108.4	107.8	107.9	3.6	.1
Primary products .....		3731-P	12/85	108.6	108.0	108.0	3.6	0
Self-propelled ships, new, nonmilitary .....		3731-3	12/85	103.6	99.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Passenger ships .....		3731-323	12/88	100.2	100.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Commercial fishing vessels .....		3731-331	12/88	100.0	100.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other self-propelled nonmilitary ships .....		3731-339	12/88	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ship repair, conversion, reconversion, U.S. military .....		3731-4	12/85	109.4	109.6	110.1	.1	.5
Military sea transport conversion/reconversion .....		3731-421	12/88	( <sup>3</sup> )	100.4	100.4	( <sup>3</sup> )	0
Military sea transport repairs .....		3731-429	12/88	100.0	100.0	99.8	( <sup>3</sup> )	-2
U.S. military repair, except m.s.t. ....		3731-439	12/85	109.8	110.0	110.6	.2	.5
Ship repair, conversion, reconversion, nonmilitary .....		3731-6	12/85	103.9	104.3	104.4	3.7	.1
Maritime administration repair .....		3731-619	12/85	110.6	113.5	119.2	( <sup>3</sup> )	5.0
Nonmilitary conversion/reconversion, except m.a. ....		3731-653	12/85	109.9	109.9	109.9	( <sup>3</sup> )	0
Nonmilitary repair, except m.a. ....		3731-659	12/85	103.1	103.3	102.9	3.1	-4
Secondary products and miscellaneous receipts .....		3731-SM						
Secondary products .....		3731-S						
Other secondary products .....		3731-SSS	12/85	102.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Boat building and repairing .....	3732		12/81	127.7	129.5	129.8	4.0	.2
Primary products .....		3732-P	12/81	128.0	129.7	130.0	4.3	.2
Outboard motorboats .....		3732-2	12/81	130.4	133.4	133.5	4.8	.1
Wood and metal .....		3732-24	12/88	100.3	105.3	105.5	( <sup>3</sup> )	.2
Other outboard motorboats .....		3732-245	12/88	102.1	102.8	104.2	( <sup>3</sup> )	1.4
Plastics (reinforced), fiberglass .....		3732-25	12/88	100.4	100.9	100.9	( <sup>3</sup> )	0
Runabouts .....		3732-251	12/88	100.2	100.7	100.7	( <sup>3</sup> )	0
16 ft. to 16 ft. 11 in. LOA .....		3732-25103	12/88	100.7	101.3	101.3	( <sup>3</sup> )	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Boat building and repairing—Continued</b>								
17 ft. or more LOA .....		3732-25104	12/88	100.1	100.6	100.6	( <sup>3</sup> )	0
Cabin cruisers .....		3732-253	12/88	100.9	101.6	101.6	( <sup>3</sup> )	0
Other outboard motorboats .....		3732-255	12/88	101.5	102.4	102.4	( <sup>3</sup> )	0
Inboard motorboats .....		3732-3	12/81	130.3	131.5	132.0	4.6	.4
Military .....		3732-311	12/88	100.8	100.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Non-military .....		3732-32	12/88	101.3	102.2	102.7	( <sup>3</sup> )	.5
Runabouts .....		3732-321	12/81	130.4	132.8	135.5	10.1	2.0
Less than 26 ft. LOA .....		3732-32101	12/88	100.1	102.0	104.1	( <sup>3</sup> )	2.1
Cabin cruisers .....		3732-322	12/81	132.0	133.1	133.3	3.7	.2
Less than 26 ft. LOA .....		3732-32201	12/88	101.3	101.3	101.3	( <sup>3</sup> )	0
26 ft. to less than 40 ft. LOA .....		3732-32202	12/88	100.6	102.0	102.0	( <sup>3</sup> )	0
40 ft. to less than 65 ft. LOA .....		3732-32203	12/88	101.9	102.2	102.4	( <sup>3</sup> )	.2
65 ft. and over LOA .....		3732-32204	12/88	102.6	102.6	104.2	( <sup>3</sup> )	1.6
Inboard-outdrive motorboats .....		3732-4	12/81	126.5	127.9	127.9	4.1	0
Other inboard-outdrive boats .....		3732-421	12/88	100.5	101.7	101.6	( <sup>3</sup> )	-.1
Less than 26 ft. LOA .....		3732-42101	12/88	100.3	100.9	100.9	( <sup>3</sup> )	0
26 ft. or more LOA .....		3732-42102	12/88	100.6	102.6	102.6	( <sup>3</sup> )	0
All other boats .....		3732-7	12/81	120.0	120.4	121.0	4.0	.5
Sailboats .....		3732-71	12/81	119.4	120.0	120.7	3.9	.6
With auxiliary power .....		3732-711	12/81	122.7	123.5	123.9	2.7	.3
16 ft. or more LOA .....		3732-71103	12/88	100.6	101.3	101.7	( <sup>3</sup> )	.4
Without auxiliary power .....		3732-712	12/81	116.0	116.0	117.7	( <sup>3</sup> )	1.5
16 ft. or more LOA .....		3732-71203	12/88	100.6	100.6	101.1	( <sup>3</sup> )	.5
Other boats .....		3732-72	12/81	120.8	120.9	120.9	( <sup>3</sup> )	0
Canoes .....		3732-721	12/88	100.5	100.7	100.7	( <sup>3</sup> )	0
All other boats, n.e.c. ....		3732-723	12/88	104.2	104.2	104.2	( <sup>3</sup> )	0
Boat repair, military and non-military .....		3732-8	12/81	137.2	141.0	141.2	( <sup>3</sup> )	.1
Repair of non-military boats .....		3732-821	12/81	137.2	141.0	141.2	( <sup>3</sup> )	.1
Secondary products and miscellaneous receipts .....		3732-SM						
Miscellaneous receipts .....		3732-M	12/88	102.1	105.0	104.6	( <sup>3</sup> )	-.4
Resales .....		3732-Z89	12/88	102.1	105.0	104.6	( <sup>3</sup> )	-.4
Secondary products .....		3732-S	12/81	113.0	113.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Railroad equipment</b> .....	3743		06/84	107.3	109.3	110.0	6.6	.6
Primary products .....		3743-P	06/84	108.3	110.7	110.7	6.9	0
Locomotives and locomotive parts .....		3743-1	06/84	109.3	110.4	110.4	7.7	0
Locomotive parts .....		3743-1B	06/84	109.6	109.6	109.6	13.9	0
All other, except wheels and axles .....		3743-172	06/84	109.6	109.6	109.6	13.9	0
Passenger and freight train cars, new .....		3743-2	06/84	108.1	112.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Freight train cars, new .....		3743-2A	06/84	107.7	111.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Street, subway, trolley, and rapid transit cars, rebuilt rail cars, and rail car parts .....		3743-3	06/84	107.0	107.3	107.3	4.2	0
Parts and accessories for railroad and street cars .....		3743-3D	06/84	108.9	109.1	109.1	4.3	0
All other, except wheels and axles .....		3743-372	06/84	107.9	108.2	108.2	3.9	0
Secondary products and miscellaneous receipts .....		3743-SM						
<b>Motorcycles, bicycles, and parts</b> .....	3751		12/84	106.3	106.4	106.3	1.7	-.1
Primary products .....		3751-P	12/84	108.6	108.7	108.7	2.3	0
Bicycles, adult tricycles, unicycles & parts (excl. childrns 2-whl sdwkcycls w/semi-pneu trs) .....		3751-1	12/84	107.6	107.7	107.6	1.7	-.1
Bicycles, complete, with one or both wheels 25 inches or more .....		3751-111	12/84	106.0	106.0	106.0	2.4	0
Five speed or over bicycles, complete, with one or more wheels 25 inches or more .....		3751-11103	12/84	104.2	104.2	104.2	.9	0
Bicycles, complete, with both wheels less than 25 inches .....		3751-151	12/84	105.5	105.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Parts for bicycles, including frame sets and motorbike parts interchangeable with bicycle parts .....		3751-171	12/84	115.7	116.6	116.0	.4	-.5
Motorcycles, motorbikes, mopeds, motorscooters, trail vehicles and parts .....		3751-2	12/84	109.9	109.9	109.9	2.7	0
Parts, including sidecars, but excluding motorbike parts interchangeable with bicycle parts .....		3751-253	12/84	105.2	105.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3751-SM						
Miscellaneous receipts .....		3751-M	12/84	107.9	109.4	109.9	1.8	.5
Resales .....		3751-Z89	12/84	107.9	109.4	109.9	1.8	.5
Secondary products .....		3751-S	12/84	95.9	95.9	95.9	0	0
<b>Miscellaneous transportation equipment</b> .....	379		12/84	109.2	110.8	110.9	6.2	.1
<b>Travel trailers and campers</b> .....	3792		06/84	118.1	118.7	118.8	6.2	.1
Primary products .....		3792-P	06/84	119.6	120.4	120.5	7.1	.1
Travel trailers (with rigid structures) .....		3792-1	06/84	120.1	120.3	120.2	6.7	-.1
16 to 24 feet, 11 inches in length .....		3792-133	06/84	119.9	120.2	120.0	6.0	-.2
25 feet and over in length, including park models .....		3792-135	06/84	120.9	120.9	120.9	7.9	0
Camping trailers, truck campers, pickup covers and parts .....		3792-2	06/84	118.6	120.6	121.2	8.0	.5
Collapsible camping trailers .....		3792-242	06/84	123.1	125.9	125.9	8.7	0
Pickup caps or box covers .....		3792-247	06/84	105.1	105.1	107.1	5.8	1.9
Parts and components, excluding appliances and furnishings .....		3792-259	06/84	116.3	118.9	118.9	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		3792-SM						
Secondary products .....		3792-S	06/84	112.8	112.8	112.8	1.9	0
Motor homes on purchased chassis .....		3716-S	06/84	116.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Transportation equipment, not elsewhere classified .....	3799		06/85	108.3	109.2	109.7	3.8	0.5
Primary products .....		3799-P	06/85	108.9	109.9	110.0	3.6	.1
Self-propelled golf carts and industrial in-plant personnel carriers and parts .....		3799-3	06/85	111.3	111.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Self-propelled golf carts (electric and gas powered) and in-plant personnel carriers .....		3799-382	06/85	111.3	111.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Transportation equipment, not elsewhere classified .....		3799-9	06/85	106.7	107.2	107.2	3.4	0
Automobile trailers, complete, excluding travel, boat and camping trailers .....		3799-931	06/85	107.1	107.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Boat trailers .....		3799-991	06/85	114.1	114.1	114.1	2.0	0
All-terrain vehicles, electric or gas driven (off-road, flotation wheels or full tracks) .....		3799-992	06/85	116.2	117.1	117.3	7.6	.2
Parts for all-terrain vehicles .....		3799-994	06/85	101.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other miscellaneous transportation equipment and parts, including chassis for auto trailers .....		3799-998	06/85	105.2	105.6	105.6	3.9	.0
Secondary products and miscellaneous receipts .....		3799-SM						
Miscellaneous receipts .....		3799-M	06/85	100.0	100.0	108.2	8.2	8.2
Resales .....		3799-Z89	06/85	100.0	100.0	109.8	9.8	9.8
Secondary products .....		3799-S	06/85	107.1	106.9	107.2	3.4	.3
Measuring and controlling instruments; photographic, medical, optical goods; watches, clocks .....	38		12/84	108.8	110.0	110.5	3.0	.5
Engineering and scientific instruments .....	3811		12/85	111.5	112.5	111.9	4.4	-.5
Primary products .....		3811-P	12/85	111.5	112.8	111.9	3.9	-.8
Aeronautical, nautical, and navigational instruments, excl. aircraft eng. instr. and systems .....		3811-1	12/85	112.1	114.6	112.7	3.4	-1.7
Flight and navigational sensors, transmitters, and displays .....		3811-12	12/85	112.4	117.0	113.2	2.8	-3.2
Air speed indicators, including machmeters and air data computers .....		3811-124	12/85	120.7	( <sup>3</sup> )	120.5	( <sup>3</sup> )	( <sup>3</sup> )
Acceleration indicators and systems components .....		3811-125	12/85	110.2	( <sup>3</sup> )	106.4	1.5	( <sup>3</sup> )
Other aerospace and navigational instruments .....		3811-1291	12/85	110.5	113.8	112.3	2.9	-1.3
Airframe equipment instruments .....		3811-14	12/85	117.8	115.5	117.9	7.0	2.1
All other aeronautical, nautical, and navigational instruments .....		3811-15	12/85	113.3	112.9	112.9	3.2	0
Nautical instruments, all types, including temperature, speed, pitch, etc. ....		3811-152	12/85	109.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other aerospace flight instruments .....		3811-153	12/85	113.8	113.4	113.4	3.6	0
Laboratory and scientific apparatus .....		3811-2	12/85	113.7	114.2	114.1	5.0	-.1
Laboratory furnaces and ovens .....		3811-231	12/85	107.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other laboratory and scientific apparatus .....		3811-2911	12/85	114.2	114.3	114.3	4.4	0
Components, parts, and accessories for laboratory and scientific apparatus (sold sep.) .....		3811-29112	12/85	105.3	105.8	105.3	8.2	-.5
Surveying and drafting instruments, and associated equip. and laboratory furniture .....		3811-3	12/85	99.6	100.7	100.0	1.2	-.7
Drafting instrum. and machines, manual and auto., slide rules, etc., incl. parts sold sep. ....		3811-334	12/85	81.7	( <sup>3</sup> )	81.7	-6.5	( <sup>3</sup> )
Laboratory furniture, incl. cabinets, cases, benches, tables, stools, and reagent shelves .....		3811-338	12/85	103.0	103.7	103.7	3.2	0
Secondary products and miscellaneous receipts .....		3811-SM						
Miscellaneous receipts .....		3811-M	12/85	109.6	109.6	109.6	( <sup>3</sup> )	0
Secondary products .....		3811-S	12/85	112.9	113.3	113.3	3.0	0
Other secondary products .....		3811-SSS	12/85	113.5	113.1	113.2	2.6	.1
Measuring and controlling devices, n.e.c. ....		3829-S	12/85	106.8	106.8	108.4	2.9	-.2
Optical instruments and lenses .....		3832-S	12/85	113.1	116.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Measuring and controlling instruments .....	382		12/84	109.1	110.4	111.3	2.8	.8
Environmental controls .....	3822		12/79	150.8	151.9	152.6	2.8	.5
Primary products .....		3822-P	12/79	150.7	151.6	152.5	2.9	.6
Building environment comfort controls .....		3822-1	12/79	163.6	164.5	165.6	3.3	.7
Temperature responsive building controls .....		3822-121	12/79	156.6	156.9	157.9	1.9	.6
Temperature responsive, pneumatic .....		3822-12101	12/79	169.9	168.7	171.7	( <sup>3</sup> )	1.8
Temperature responsive, non-pneumatic .....		3822-12102	12/79	150.0	151.1	151.1	1.5	0
Miscellaneous automatic building comfort controls .....		3822-189	12/79	187.2	189.2	189.3	4.0	.1
Appliance temperature and related controls, automatic .....		3822-2	12/79	112.7	113.8	114.0	1.5	.2
Temperature responsive appliance controls .....		3822-211	12/79	112.2	113.3	113.4	1.4	.1
Other appliance regulating controls .....		3822-215	12/79	113.5	114.7	114.9	1.5	.2
Secondary products and miscellaneous receipts .....		3822-SM						
Secondary products .....		3822-S	12/79	153.8	156.6	156.6	3.1	0
Industrial process control instruments .....	3823		06/83	119.9	121.6	122.4	3.6	.7
Primary products .....		3823-P	06/83	122.7	124.0	124.5	3.1	.4
General purpose/receiver-type instruments and related equipment .....		3823-1	06/83	116.7	119.2	119.3	3.8	.1
Electronic systems: unified architecture .....		3823-103	06/83	118.9	120.9	121.4	5.1	.4
Controllers .....		3823-10335	06/83	123.3	126.2	126.5	2.6	.2
Non-control .....		3823-10336	06/83	117.6	118.8	119.4	8.1	.5
Electronic systems: non-unified architecture .....		3823-104	06/88	101.5	105.1	105.1	( <sup>3</sup> )	0
Controllers .....		3823-10445	06/88	99.5	108.2	108.2	( <sup>3</sup> )	0
Non-control .....		3823-10446	06/88	102.9	105.4	105.4	( <sup>3</sup> )	0
Pneumatic systems (3 to 15 and 3 to 27 p.s.i. standard signals) .....		3823-106	06/83	115.1	115.1	115.1	1.5	0
Controllers .....		3823-10665	06/83	113.1	113.1	113.1	.8	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Industrial process control instruments—Continued</b>								
Temperature instruments, excluding receiver type .....		3823-2	06/83	125.2	129.0	131.7	8.5	2.1
Electrical and electronic measuring types .....		3823-201	06/83	121.1	123.2	128.7	11.2	4.5
Controllers .....		3823-20145	06/83	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Non-control .....		3823-20146	06/83	113.2	116.9	116.9	4.0	0
Primary temperature sensors .....		3823-3	06/83	115.4	116.7	123.9	13.0	6.2
Thermocouples and thermocouple lead wire .....		3823-358	06/83	120.4	122.3	129.2	15.6	5.6
Primary temperature sensors other than thermocouples .....		3823-359	06/83	103.4	103.4	110.8	7.6	7.2
Pressure and draft measuring instruments, excluding receiver-type .....		3823-4	06/83	115.3	117.6	116.9	2.2	-6
Controllers .....		3823-461	06/83	117.7	128.6	124.9	7.9	-2.9
Non-control .....		3823-462	06/83	114.6	115.1	115.1	1.0	0
Flow and liquid level instruments .....		3823-5	06/83	114.8	115.2	115.2	1.9	0
Differential pressure types .....		3823-501	06/83	117.0	117.1	117.1	1.4	0
Primary sensors .....		3823-50165	06/83	124.9	124.9	124.9	3.2	0
Controllers .....		3823-50166	06/83	126.5	128.1	128.1	( <sup>3</sup> )	0
Non-control .....		3823-50167	06/83	113.9	113.9	113.9	.6	0
Float and displacement instruments and associated elements .....		3823-504	06/83	114.2	117.3	117.3	3.7	0
Turbine, mass-flow, and other types and associated elements .....		3823-505	06/83	108.5	108.5	108.5	1.8	0
Continuous process instruments for on-stream gas and liquid analysis .....		3823-7	06/83	113.5	111.9	112.3	-3.3	.4
Other industrial process instruments and parts for all industrial process instruments .....		3823-9	06/83	131.0	131.1	131.2	2.0	.1
Valve actuators and positioners, sold separately .....		3823-915	06/83	118.7	118.7	118.7	0	0
Other non-electronic industrial process instruments .....		3823-918	06/83	109.8	109.8	109.8	.5	0
Parts, supplies, accessories, and other equipment n.e.c. ....		3823-999	06/83	151.0	151.3	151.5	3.7	.1
Secondary products and miscellaneous receipts .....		3823-SM						
Miscellaneous receipts .....		3823-M	06/83	96.2	103.5	103.5	3.3	0
Contract work and other miscellaneous receipts .....		3823-XY9	06/88	92.7	( <sup>3</sup> )	92.6	( <sup>3</sup> )	( <sup>3</sup> )
Resales .....		3823-Z89	06/83	110.6	131.4	131.4	20.1	0
Secondary products .....		3823-S	06/83	116.7	118.8	122.0	7.7	2.7
<b>Fluid meters and counting devices</b>								
Primary products .....	3824							
Integrating and totalizing meters for gas and liquid .....		3824-P	12/85	106.4	108.4	108.1	2.9	-3
Liquid meters, positive displacement with registers and counters .....		3824-2	12/85	106.5	109.0	108.7	2.7	-3
Water meters, consumption registering .....		3824-23	12/85	107.5	110.4	109.5	2.1	-8
Small meters, up to and including 1 inch .....		3824-234	12/85	102.3	103.9	102.5	-2.3	-1.3
Large meters, over 2 inch .....		3824-23433	12/85	100.1	100.1	99.6	-5.0	-5
Liquid fuel dispensing meters, excluding service station dispensing pumps .....		3824-2437	12/85	109.8	109.8	112.9	3.9	2.8
Other liquid meters; industrial bulk plants, pipeline, batching, treatment facilities .....		3824-241	12/85	115.7	115.7	115.7	7.2	0
Parts and components for gas and liquid meters (sold separately) .....		3824-288	12/85	115.0	124.6	124.3	9.2	-2
Counting devices .....		3824-29	12/85	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Revolution counters, digital incl. totalizing, measuring wheels and vehicle operation registers .....		3824-3	12/85	110.2	112.3	112.7	3.3	.4
Mechanical input .....		3824-36	12/85	116.5	119.7	119.4	5.9	-3
Electronic input .....		3824-361	12/85	114.5	114.5	114.5	8.4	0
Motor vehicle instruments, except electric .....		3824-367	12/85	110.9	114.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Speedometers for motor vehicles .....		3824-4	12/85	( <sup>3</sup> )	96.2	95.8	( <sup>3</sup> )	-4
Other motor vehicle indicating instruments, except electric (fuel level, oil pressure, etc.) .....		3824-411	12/85	( <sup>3</sup> )	90.0	90.0	( <sup>3</sup> )	0
Other motor vehicle indicating instruments, except electric (fuel level, oil pressure, etc.) .....		3824-498	12/85	( <sup>3</sup> )	112.9	111.6	( <sup>3</sup> )	-1.2
<b>Electrical measuring and integrating instruments</b>								
Primary products .....	3825							
Integrating instruments .....		3825-P	12/83	108.2	109.6	111.0	2.1	1.3
Watt-hour meters, AC single phase (except combined types) .....		3825-1	12/83	109.5	110.2	111.6	2.2	1.3
Test equipment for electrical and electronic components, circuits, equipment and motors .....		3825-112	12/83	104.1	104.1	104.5	-6	.4
Voltage, current, resistance, power and energy testing and measuring eqpt .....		3825-2	12/83	102.3	100.9	101.7	-1.7	.8
Multimeters .....		3825-21	12/83	111.8	112.7	112.8	1.1	.1
Analog multimeters, electronic and all electrical multimeters .....		3825-21A	12/83	122.6	122.9	123.1	7.9	.2
Analog electronic multimeters .....		3825-21A1	12/83	108.9	109.7	109.7	.9	0
Digital and digital/analog electronic multimeters .....		3825-21129	12/83	110.3	110.3	110.3	.6	0
Other voltage, current or resistance measuring equipment (except panel meters) .....		3825-21128	12/83	125.8	125.8	125.8	.7	0
Analog electronic and electrical, except panel .....		3825-21B	12/83	108.3	109.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Analog electronic .....		3825-21B1	12/83	131.7	131.8	132.0	12.4	.2
Electrical .....		3825-21B2	12/83	133.7	133.7	133.9	13.4	.1
Power and energy test and measurement equipment .....		3825-21221	12/83	131.0	131.1	131.1	14.6	0
Power and energy testing eqpt. (except integrating meters) .....		3825-21222	12/83	149.1	149.1	150.6	7.8	1.0
Frequency or time interval measuring and counting equipment .....		3825-21C	12/83	113.4	114.1	114.1	.8	0
Waveform measuring and analyzing equipment .....		3825-213	12/83	113.4	114.1	114.1	.8	0
Other waveform measuring equipment (including spectrum analyzers & low frequency oscillographs) .....		3825-22A	12/83	107.4	109.9	109.9	-3.7	.0
Signal generating equipment .....		3825-22B	12/83	121.6	122.0	122.0	3.7	0
Radio frequency (20 kilohertz to 890 megahertz) .....		3825-2222	12/83	118.4	121.0	121.0	3.9	0
Microwave (890 megahertz and above) .....		3825-222C	12/83	113.1	113.1	113.1	1.8	0
Field strength and intensity measuring equipment .....		3825-22357	12/83	113.0	113.0	113.0	2.5	0
Electronic .....		3825-22359	12/83	110.2	110.2	110.2	-1.4	0
Electronic .....		3825-22D	12/83	130.0	135.4	135.4	9.5	0
Electronic .....		3825-22481	12/83	130.0	135.4	135.4	9.5	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Electrical measuring and integrating instruments—Continued</b>								
Multiple function test equipment .....		3825-24	12/83	95.4	95.9	95.8	-9.5	-0.1
Component part test sets .....		3825-24A	12/83	103.3	104.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Automated semiconductor test systems (operating under program control) .....		3825-24465	12/83	105.2	105.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Equipment and subassembly test equipment (including loaded printed circuit board testers) .....		3825-245	12/83	102.2	103.0	102.8	-4	-2
Other test and analysis equipment and associated devices .....		3825-26	12/83	114.3	115.6	116.0	2.7	.3
Microwave test equipment n.e.c. ....		3825-26652	12/83	118.1	118.1	118.1	6.0	0
Standards and calibration equipment for testing and measuring instruments .....		3825-26672	12/83	126.2	126.3	130.7	5.7	3.5
Associated devices for test and measurement equipment (probes, decade boxes, shunts) .....		3825-26682	12/83	115.7	115.7	115.7	.9	0
Other test equipment, not elsewhere classified .....		3825-26698	12/83	111.8	113.5	113.5	2.0	0
<b>Electrical indicating and recording instruments</b>								
Panel meters .....		3825-3	12/83	103.7	103.7	111.2	9.1	7.2
Digital and analog with LED, LCD or neon gas discharge readout ..		3825-31	12/83	111.3	111.3	111.6	3.9	.3
Analog, conventional indicator movement, generally + or - 2% accuracy .....		3825-31108	12/83	96.7	96.7	96.7	-6	0
AC types .....		3825-312	12/83	117.5	117.5	117.5	4.9	0
DC types (including rectifier and self-contained thermocouple types) .....		3825-31212	12/83	109.6	109.7	109.6	4.6	-1
All other panel types including motor vehicle ammeter and voltmeter, typically 3% or < accuracy .....		3825-31213	12/83	119.5	119.5	119.5	5.0	0
Electrical recording instruments .....		3825-31666	12/83	122.5	122.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Electrical recording instruments .....		3825-36	12/83	100.9	100.9	109.3	9.0	8.3
Secondary products and miscellaneous receipts .....		3825-SM						
Secondary products .....		3825-S	12/83	100.8	103.0	105.3	-2.4	2.2
<b>Measuring and controlling devices, not elsewhere classified</b>								
Primary products .....	3829	3829-P	06/85	108.7	109.0	109.3	2.2	.3
Aircraft engine instruments, except flight .....		3829-1	06/85	109.8	110.1	110.5	2.4	.4
Pressure ratio and pressure and vacuum sensors, transmitters, displays and controls .....		3829-148	06/85	104.1	104.3	104.3	.8	0
All other aircraft engine instruments, except flight, and parts and components therefor .....		3829-198	06/85	110.3	111.9	111.9	2.5	0
Physical properties testing & inspection equipment, and kinematic testing & measuring equipment .....		3829-198	06/85	111.3	111.3	111.3	.8	0
Physical properties testing equipment incl. hardness, stress, torsion, wear, strength & similar .....		3829-2	06/85	110.6	111.1	112.3	4.4	1.1
Electrical and electronic types (including components and parts sold separately) .....		3829-229	06/85	111.6	112.3	112.3	4.6	0
Other types (including components and parts sold separately) .....		3829-22933	06/85	111.9	112.5	112.5	4.7	0
Physical properties inspection equipment incl. flaw detection, thickness measuring and similar .....		3829-22935	06/85	110.0	111.0	111.0	3.8	0
Electrical and electronic types (including components and parts sold separately) .....		3829-253	06/85	111.7	111.8	111.7	3.3	-1
Other types (including components and parts sold separately) .....		3829-25357	06/85	112.0	112.0	112.0	4.5	0
Kinematic testing and measuring equipment (including components and parts sold separately) .....		3829-25359	06/85	111.0	111.3	111.0	.4	-3
Vibration testing and measuring equipment .....		3829-291	06/85	107.6	108.4	113.0	5.3	4.2
Acceleration and all other kinematic testing and measuring equipment .....		3829-29192	06/85	109.4	109.4	116.1	5.7	6.1
Commercial, meteorological, and general purpose instruments .....		3829-29193	06/85	102.9	105.7	105.5	4.5	-2
Other commercial & industrial instruments, except aircraft, incl. compasses, altimeters & parts .....		3829-3	06/85	115.6	118.2	118.2	5.0	0
Nuclear radiation detection and monitoring instruments .....		3829-333	06/85	112.0	113.3	113.2	3.2	-1
Radiation detecting elements, including ion chambers and solid state detectors, sold separately .....		3829-4	06/85	107.3	105.9	106.1	-2	.2
Pulse analyzers, single and multichannel, including nuclear spectrometers .....		3829-402	06/85	102.3	103.6	103.6	3.1	0
Other nuclear radiation detection & monitoring instruments & parts & components sold separately .....		3829-422	06/85	114.0	114.0	114.0	3.7	.0
Secondary products and miscellaneous receipts .....		3829-439	06/85	103.5	100.9	101.5	-1.8	.6
Miscellaneous receipts .....		3829-SM						
Resales .....		3829-M	06/85	100.1	100.9	100.9	1.2	0
Secondary products .....		3829-Z89	06/85	88.8	91.1	91.1	3.6	0
Engineering and scientific devices .....		3829-S	06/85	108.7	109.5	109.3	2.4	-2
Process control instruments .....		3811-S	06/85	129.6	130.5	130.5	( <sup>3</sup> )	0
Other secondary products .....		3823-S	06/85	107.5	110.1	110.1	5.6	0
		3829-SSS	06/85	106.2	106.5	106.2	1.5	-3
<b>Optical and analytical instruments</b>								
Primary products .....	3832	3832-P	12/85	104.8	105.6	105.7	2.6	.1
Sighting, tracking, and fire-control equipment, optical type .....		3832-4	12/85	105.2	105.9	106.1	2.9	.2
Optical instruments, components, and lenses, except ophthalmic .....		3832-5	12/85	94.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Optical components, incl. mirrors, filters, gratings, coatings, prisms, etc. ....		3832-514	12/85	105.9	107.4	108.2	3.7	.7
Unmounted lenses, except ophthalmic focus lenses .....		3832-515	12/85	115.3	120.0	119.8	7.4	-2
Other optical instruments .....		3832-517	12/85	105.4	107.0	107.0	3.3	0
Analytical and scientific instruments (except optical) .....		3832-6	12/85	103.7	103.7	104.8	1.8	1.1
Chromatographic instruments .....		3832-63	12/85	107.5	108.1	108.1	2.8	0
			12/85	109.1	109.5	109.2	-1.4	-3

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Optical and analytical instruments—Continued								
Gas .....		3832-631	12/85	100.0	101.0	100.3	0.3	-0.7
Liquid .....		3832-632	12/85	118.8	118.8	118.8	-2.9	0
Spectrophotometric instruments .....		3832-64	12/85	117.8	118.7	119.1	4.2	.3
Ultraviolet, visible and colorimeters .....		3832-644	12/85	115.1	117.2	117.7	5.0	.4
Other, including near ultraviolet and Raman .....		3832-647	12/85	109.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Thermal analysis instrum., incl. thermogravimetric analyzers, quantitative thermal analyzers .....		3832-651	12/85	102.9	102.9	102.9	1.9	0
Mass spectroscopy instrumentation .....		3832-671	12/85	118.4	117.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Clinical laboratory instrumentation .....		3832-68	12/85	95.5	96.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Parts, components, and accessories for analytical and scientific instruments sold separately .....		3832-696	12/85	129.2	129.2	129.2	( <sup>3</sup> )	0
Secondary products and miscellaneous receipts .....		3832-SM						
Miscellaneous receipts .....		3832-M	12/85	106.8	106.8	106.8	0	0
Contract work and other miscellaneous receipts .....		3832-XY9	12/85	106.8	106.8	106.8	0	0
Other secondary products .....		3832-SSS	12/85	101.6	103.0	103.0	1.3	0
Surgical, medical, and dental instruments and supplies .....	384		12/84	113.9	114.9	115.6	3.2	.6
Surgical and medical instruments and apparatus .....								
Primary products .....	3841		06/82	114.0	115.6	115.8	4.8	.2
Surgical and medical instruments and apparatus, except furniture .....		3841-P	06/82	114.1	115.4	115.9	5.1	.4
Surgical instruments, incl. suture needle, excl. eye, ear, nose & throat instr. & surg. cutlery .....		3841-1	06/82	110.5	111.5	112.0	3.9	.4
Eye, ear, nose and throat instruments .....		3841-112	06/82	117.2	123.4	123.3	5.6	-1
Orthopedic instruments and apparatus, such as bone drills and bone plates .....		3841-114	06/82	126.4	126.4	126.4	-3.6	0
Diagnostic apparatus .....		3841-115	06/82	147.8	143.5	145.0	5.3	1.0
Metabolism and blood pressure diagnostic apparatus .....		3841-12	06/82	130.4	130.6	130.6	1.5	0
Syringes and needles .....		3841-121	06/82	136.1	138.0	138.0	1.4	0
Anesthetic apparatus, including instruments and parts .....		3841-14	06/82	104.9	104.9	104.9	2.7	0
Blood transfusion and I.V. equipment .....		3841-171	06/82	117.8	122.6	122.6	4.1	0
Other surgical and medical instruments .....		3841-182	06/82	111.2	114.7	114.7	4.4	0
Catheters .....		3841-189	06/82	107.2	108.0	109.4	5.2	1.3
All other surgical and medical instruments .....		3841-18901	06/82	113.6	113.6	113.6	1.2	0
Hospital furniture, excluding beds and chairs .....		3841-18908	06/82	138.1	140.3	139.5	7.6	-6
Secondary products and miscellaneous receipts .....		3841-2	06/82	145.4	149.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Miscellaneous receipts .....		3841-SM						
Resales .....		3841-M	01/83	133.2	( <sup>3</sup> )	135.3	3.9	( <sup>3</sup> )
Secondary products .....		3841-Z89	01/83	133.2	( <sup>3</sup> )	135.3	3.9	( <sup>3</sup> )
All other secondary products .....		3841-S	10/82	99.4	101.3	100.9	3.5	-4
		3841-SSS	10/82	115.6	117.9	117.4	3.3	-4
Surgical, orthopedic and prosthetic appliances and supplies .....								
Primary products .....	3842		06/83	125.8	126.5	127.6	2.9	.9
Surgical, orthopedic, and prosthetic appliances and supplies .....		3842-P	06/83	127.4	127.9	129.4	2.1	1.2
Surgical dressings .....		3842-1	06/83	127.3	127.5	128.6	.9	.9
Other surgical dressings .....		3842-1A	06/83	97.3	97.5	99.2	1.5	1.7
Surgical sponges .....		3842-129	06/83	100.4	100.8	103.3	2.4	2.5
All other surgical dressings .....		3842-12902	06/83	97.0	97.4	100.2	2.0	2.9
Surgical, orthopedic and prosthetic appliances and supplies except surgical dressings .....		3842-1B	06/83	111.0	( <sup>3</sup> )	112.2	3.3	( <sup>3</sup> )
Orthopedic appliances (braces), including parts .....		3842-1B	06/83	141.3	141.6	142.4	.8	.6
Disposable surgical drapes, including O/B and O/R packs .....		3842-111	06/83	199.1	199.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Disposable incontinent pads, bed pads, and adult diapers .....		3842-131	06/83	101.7	101.4	101.4	1.2	0
Artificial limbs (prosthetic), including parts .....		3842-132	06/83	122.1	122.1	124.3	8.1	1.8
Surgical corsets .....		3842-135	06/83	146.0	150.6	150.6	7.0	0
Other surgical, orthopedic, and prosthetic appliances and supplies .....		3842-171	06/83	122.3	123.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Surgical implants .....		3842-198	06/83	138.1	138.1	138.3	5.8	.1
All other surgical, orthopedic and prosthetic appliances and supplies .....		3842-19801	06/83	146.3	146.3	146.6	7.4	.2
Personal industrial safety devices .....		3842-19803	06/83	125.1	125.1	125.1	2.9	0
Respiratory protection equipment, including gas, abrasive and canister masks .....		3842-3	06/83	129.7	131.0	134.2	5.8	2.4
Other personal safety devices .....		3842-311	06/83	133.9	135.8	137.7	6.3	1.4
All other personal safety devices .....		3842-371	06/83	118.8	118.8	123.7	5.4	4.1
Electronic hearing aids .....		3842-37103	06/83	116.1	116.1	119.9	4.3	3.3
Electronic hearing aids .....		3842-4	06/83	109.1	109.1	109.1	-2	0
Secondary products and miscellaneous receipts .....		3842-413	06/83	109.1	109.1	109.1	-2	0
Secondary products .....		3842-SM						
Surgical and medical instruments and apparatus .....		3842-S	06/83	119.0	121.0	121.1	4.8	.1
All other secondary products .....		3841-S	06/83	119.6	123.5	123.4	6.7	-1
		3842-SSS	06/83	118.8	120.4	120.5	4.2	.1
Dental equipment and supplies .....								
Primary products .....	3843		06/85	110.9	112.4	112.8	.6	.4
Dental casting metals .....		3843-P	06/85	112.4	114.2	114.6	1.1	.4
Precious dental casting metals .....		3843-1	06/85	107.3	110.9	107.5	-10.8	-3.1
Dental gold alloys .....		3843-111	06/85	107.1	110.9	107.3	-12.4	-3.2
Other precious dental casting alloys .....		3843-11101	06/85	106.9	109.4	103.4	-19.5	-5.5
Denture materials .....		3843-11102	06/85	107.9	116.1	120.3	17.4	3.6
Denture base materials .....		3843-2	06/85	125.7	136.3	136.3	20.1	0
		3843-241	06/85	107.8	107.8	107.8	.5	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Dental equipment and supplies—Continued</b>								
Dental professional and laboratory equipment .....		3843-3	06/85	111.5	113.3	114.8	3.4	1.3
Dental professional equipment .....		3843-301	06/85	111.6	113.6	114.9	3.3	1.1
Dental chairs .....		3843-30142	06/85	110.2	113.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Instrument delivery systems .....		3843-30143	06/85	112.7	116.9	117.1	3.9	.2
Dental hand pieces .....		3843-30144	06/85	112.5	112.8	112.6	.4	-.2
Other dental professional equipment, including sterilizers, except X-ray .....		3843-30145	06/85	111.0	111.0	115.5	4.9	4.1
Dental supplies .....		3843-4	06/85	113.0	112.7	114.2	2.0	1.3
Dental materials .....		3843-401	06/85	120.8	114.7	118.9	.7	3.7
Alloys for amalgams .....		3843-40121	06/85	121.8	108.2	114.5	-4.3	5.8
Waxes, dental gypsums and other consumable supplies .....		3843-40173	06/85	116.4	112.7	117.4	2.1	4.2
Dental instruments .....		3843-402	06/85	107.9	108.5	108.5	2.4	0
Dental hand instruments .....		3843-40257	06/85	102.5	103.6	103.7	4.7	.1
Other dental supplies .....		3843-498	06/85	109.5	112.7	112.7	2.7	0
<b>Ophthalmic goods</b>								
Ophthalmic goods .....	3851		12/83	113.1	113.5	113.9	1.4	.4
Primary products .....		3851-P	12/83	111.7	112.0	112.1	.8	.1
Ophthalmic fronts and temples .....		3851-1	12/83	134.2	134.2	134.2	1.8	0
Complete frames, all types .....		3851-118	12/83	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Glass ophthalmic focus lenses .....		3851-2	12/83	96.9	97.2	97.2	3.1	0
Single vision glass lenses .....		3851-231	12/83	111.2	111.2	111.2	4.0	0
Bifocal glass lenses .....		3851-241	12/83	89.6	90.1	90.1	2.6	0
Plastic ophthalmic focus lenses .....		3851-3	12/83	98.5	99.4	99.4	1.1	0
Single vision plastic lenses .....		3851-325	12/83	100.9	100.9	100.9	.2	0
Multifocal plastic lenses .....		3851-327	12/83	96.8	98.2	98.2	1.8	0
Contact lenses .....		3851-4	12/83	94.1	95.1	94.4	1.9	-.7
Hard contact lenses .....		3851-412	12/83	105.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Soft contact lenses .....		3851-413	12/83	82.9	( <sup>3</sup> )	83.4	4.3	( <sup>3</sup> )
Other ophthalmic goods .....		3851-5	12/83	118.0	118.0	118.7	-1.1	.6
Industrial eye protectors and parts thereof .....		3851-541	12/83	137.4	137.4	137.4	3.0	0
Other ophthalmic goods and accessories .....		3851-592	12/83	117.8	117.8	119.8	4.0	1.7
Secondary products and miscellaneous receipts .....		3851-SM						
Secondary products .....		3851-S	12/83	120.4	121.9	121.4	3.9	-.4
Other secondary products .....		3851-SSS	12/83	120.4	121.9	121.4	3.9	-.4
<b>Photographic equipment and supplies</b>								
Photographic equipment and supplies .....	3861		12/83	107.4	108.8	109.0	3.0	.2
Primary products .....		3861-P	12/83	106.9	108.2	108.2	3.9	0
Still picture equipment .....		3861-1	12/83	110.5	112.7	111.8	4.3	-.8
Still cameras .....		3861-101	12/83	105.9	106.1	106.6	5.5	.5
Other still cameras, except photocopy, blueprint, and microfilm types .....		3861-10102	12/83	129.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Commercial finishing and processing equipment .....		3861-103	12/83	117.9	120.0	116.9	-1.1	-2.6
All other still picture equipment and accessories .....		3861-104	12/83	114.2	122.7	120.1	8.6	-2.1
Motion picture equipment .....		3861-2	12/83	113.4	113.6	113.6	4.2	0
8 or 16 mm cameras and projectors .....		3861-201	12/83	110.7	110.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
35 mm or larger cameras and projectors .....		3861-202	12/83	141.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other motion picture equipment and accessories, including all projection screens .....		3861-204	12/83	120.5	120.8	120.9	3.1	.1
Microfilming, blueprinting, brownprinting, and whiteprinting equipment .....		3861-4	12/83	118.6	120.3	121.2	3.1	.7
Prepared photographic chemicals .....		3861-5	12/83	113.6	114.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Office copy toners .....		3861-501	12/83	89.8	92.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All other prepared photographic chemicals .....		3861-502	12/83	131.6	131.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Sensitized silver halide materials, except x-ray .....		3861-6	12/83	109.4	111.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Silver halide film, plates, and slides .....		3861-601	12/83	115.5	115.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Silver halide paper and cloth, all uses .....		3861-602	12/83	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Sensitized materials, non-silver halide type .....		3861-7	12/83	116.2	( <sup>3</sup> )	117.2	6.4	( <sup>3</sup> )
Diazo type materials .....		3861-701	12/83	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3861-SM						
Secondary products .....		3861-S	12/83	117.8	119.5	121.4	6.5	1.6
<b>Watches, clocks, and watchcases</b>								
Watches, clocks, and watchcases .....	3873		06/83	106.8	108.0	108.0	3.5	0
Primary products .....		3873-P	06/83	105.4	105.6	105.6	1.1	0
Clocks, timing mechanisms, time switches, and clock movements .....		3873-1	06/83	113.2	113.5	113.6	3.8	.1
Clocks w/balance wheel & hairspring or other oscillatory device w/built-in frequency time base .....		3873-1A	06/83	116.5	117.4	117.5	3.7	.1
Clocks w/watch movements or modules or w/clock movements or modules less than 1.77 inches wide .....		3873-131	06/83	117.9	115.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Clocks ex. those w/watch movements or modules & clock movements or modules less than 1.77" wide .....		3873-134	06/83	116.4	117.5	117.5	3.7	0
Household wall clocks, except alarm and chime & strike .....		3873-13433	06/83	109.8	111.8	111.8	3.4	0
All other household clocks, except alarm but including chime & strike, desk, mantel, etc. ....		3873-13435	06/83	123.7	125.7	125.7	7.5	0
Clocks with other time base .....		3873-1B	06/83	109.6	109.6	109.6	1.4	0
Clocks w/watch movements or modules or w/clock movements or modules less than 1.77 inches wide .....		3873-141	06/83	101.3	101.3	101.3	-2.6	0
Clocks ex. those w/watch movements or modules & clock movements or modules less than 1.77" wide .....		3873-144	06/83	109.7	109.7	109.7	1.5	0
Household wall clocks, except alarm and chime & strike .....		3873-14443	06/83	115.1	115.1	115.1	1.5	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Watches, clocks, and watchcases—Continued								
All other household clocks, except alarm but including chime & strike, desk, mantel, etc. ....		3873-14445	07/83	116.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Timing mechanisms, not for timepiece use, excluding time recording and time stamping machines .....		3873-1C	06/83	114.2	114.2	114.2	7.2	0
All other timing mechanisms .....		3873-156	06/83	117.1	117.1	117.1	.3	0
Watches with imported movements or modules .....		3873-4	06/83	107.0	107.0	107.0	-4	0
Watches without balance wheel and hairspring .....		3873-4B	06/83	109.4	109.4	109.4	-1.0	0
Watches with movements other than solid state .....		3873-422	06/83	99.2	99.2	99.2	.1	0
Watches w/domestic movement or module, watch movements, clockcases & parts for clocks & watches .....		3873-5	06/83	99.7	99.7	99.7	0	0
Secondary products and miscellaneous receipts .....		3873-SM						
Miscellaneous receipts .....		3873-M	06/83	118.8	121.9	121.9	15.2	0
Resales .....		3873-Z89	06/83	118.8	121.9	121.9	15.2	0
Miscellaneous manufacturing industries .....	39		12/85	110.1	111.2	111.5	4.2	.3
Jewelry, silverware, and plated ware .....	391		12/85	113.7	114.6	114.6	2.2	0
Jewelry, precious metal .....	3911		12/85	114.8	115.3	115.1	1.6	-2
Primary products .....		3911-P	12/85	115.3	115.4	115.2	1.1	-2
Jewelry made of platinum metals and karat gold .....		3911-1	12/85	117.1	117.3	117.0	.8	-3
Rings, complete .....		3911-111	12/85	115.6	116.4	116.1	0	-3
Fraternal, college, and school rings .....		3911-11111	12/85	121.3	122.6	122.6	4.1	0
Wedding rings .....		3911-11112	12/85	117.9	120.6	120.3	-2	-2
Other rings .....		3911-11114	12/85	111.5	111.1	110.7	-2.1	-4
Ring mountings .....		3911-115	12/85	105.4	107.6	107.6	3.2	0
Women's and children's jewelry, excl. watch attachments and rings .....		3911-131	12/85	121.3	120.4	120.3	3.9	-1
Jewelry made of precious metals, except platinum metals and karat gold .....		3911-2	12/85	108.5	108.4	108.2	2.6	-2
Women's and children's jewelry, excl. watch attachments and rings .....		3911-231	12/85	110.8	110.7	110.5	3.8	-2
Secondary products and miscellaneous receipts .....		3911-SM						
Miscellaneous receipts .....		3911-M	12/85	113.0	113.0	113.0	0	0
Contract work and other miscellaneous receipts .....		3911-XY9	12/85	111.1	111.1	111.1	0	0
Secondary products .....		3911-S	12/85	109.7	115.0	114.9	7.3	-1
Other secondary products .....		3911-SSS	12/85	108.3	110.4	110.3	6.3	-1
Silverware, plated ware and stainless steel ware .....	3914		06/85	119.1	122.4	123.9	6.5	1.2
Primary products .....		3914-P	06/85	120.9	124.8	126.5	7.4	1.4
Holloware, including ecclesiastical ware, novelties, trophies, and other plated ware .....		3914-1	06/85	122.1	123.4	123.7	5.4	.2
Sterling silver .....		3914-111	06/85	143.0	149.2	149.7	5.1	.3
Electrosilver plated .....		3914-131	06/85	118.8	118.7	118.7	3.8	0
Pewter .....		3914-153	06/85	105.2	106.0	106.0	2.9	0
All other holloware, including unplated and plated with metal other than silver or pewter .....		3914-166	06/85	120.6	120.6	122.1	13.1	1.2
Flatware and carving sets made wholly of metal .....		3914-2	06/85	119.8	126.0	128.7	8.9	2.1
Sterling silver .....		3914-211	06/85	149.3	157.3	157.3	6.4	0
Stainless steel .....		3914-255	06/85	99.6	103.9	107.1	10.2	3.1
Secondary products and miscellaneous receipts .....		3914-SM						
Secondary products .....		3914-S	06/85	117.0	117.1	118.1	2.7	.9
Jewelers' materials and lapidary work .....	3915		06/85	103.0	104.2	104.2	2.4	0
Primary products .....		3915-P	06/85	103.0	104.2	104.2	2.5	0
Jewelers' findings and materials .....		3915-1	06/85	109.2	111.0	111.1	3.4	.1
Jewelers' findings, such as joints, pins, clasps and other unassembled products .....		3915-113	06/85	103.2	105.5	105.5	4.4	0
Machine chain .....		3915-131	06/85	123.9	124.7	124.8	2.0	.1
Secondary products and miscellaneous receipts .....		3915-SM						
Secondary products .....		3915-S	06/85	107.5	109.3	109.3	2.4	0
Other secondary products .....		3915-SSS	06/85	108.4	112.9	112.9	4.5	0
Musical instruments .....	3931		06/85	113.3	113.9	115.8	5.0	1.7
Primary products .....		3931-P	06/85	112.9	113.6	114.6	4.4	.9
Pianos .....		3931-1	06/85	117.1	118.5	117.9	7.8	-5
Verticals, uprights or consoles, over 37 inches in height .....		3931-115	06/85	115.1	116.7	116.0	7.7	-6
Organs .....		3931-2	06/85	107.4	107.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Electronic organs .....		3931-251	06/85	105.9	106.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Piano and organ parts .....		3931-3						
Piano parts and materials, except benches .....		3931-311	06/85	109.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other musical instruments .....		3931-4	06/85	118.3	119.0	120.0	4.8	.8
Secondary products and miscellaneous receipts .....		3931-SM						
Toys and amusement, sporting, and athletic goods .....	394		12/85	109.2	110.6	110.7	4.9	.1
Dolls .....	3942		12/85	99.2	101.7	100.5	2.7	-1.2
Primary products .....		3942-P	12/85	99.7	101.7	100.6	2.7	-1.1
Dolls and stuffed toy animals .....		3942-1	12/85	99.7	101.7	100.6	2.7	-1.1
Stuffed dolls .....		3942-111	12/85	82.4	84.0	84.0	7.0	0
Dolls, complete, 13 inches and under, except stuffed dolls .....		3942-113						
Stuffed toy animals .....		3942-121	12/85	96.8	95.3	95.3	-3	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1988 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Games, toys, and children's vehicles, except dolls and bicycles .....	3944		06/85	111.2	112.4	112.4	5.4	0
Primary products .....		3944-P	06/85	110.9	112.4	112.5	4.9	.1
Games, excluding toys and hobbies .....		3944-1	06/85	109.4	113.0	113.0	4.3	0
Board games .....		3944-101	06/85	111.6	115.5	115.5	4.1	0
Children's board games (under 12 years) .....		3944-10181	06/85	107.1	110.2	110.2	3.8	0
Sports-oriented action and skill games .....		3944-185	06/85	113.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Puzzles .....		3944-189	06/85	102.4	101.1	101.4	-9	.3
Other games .....		3944-195	06/85	110.4	115.7	115.7	6.0	0
Toys, excluding games and hobbies .....		3944-4	06/85	110.7	111.5	111.5	4.8	0
Non-powered trans. toys, nonriding, excl model kits, units sold without accessories .....		3944-401	06/85	101.3	100.3	100.5	6.2	.2
Plastic, over 6 inches in length .....		3944-40121	06/85	106.6	106.3	106.5	4.7	.2
Other, over 6 inches in length .....		3944-40123	06/85	95.1	93.9	93.9	7.2	0
Sets, (sold with accessories) .....		3944-40128	06/85	106.6	103.6	103.6	6.7	0
Mechanical power toys, excl. road racing sets, scale model railroads, cars, boats, planes, etc. ....		3944-417	06/85	109.5	109.5	109.5	5.1	0
Infants toys, n.e.c. ....		3944-431	06/85	114.9	115.0	115.0	5.4	0
Pre-school toys, n.e.c., excluding infant toys .....		3944-433	06/85	117.4	118.7	118.7	3.5	0
Pre-school playsets .....		3944-435	06/85	118.1	118.0	118.0	6.1	0
Toy guns, gun sets, and rifles .....		3944-437	06/85	109.5	109.7	110.8	2.9	1.0
Housekeeping and cooking toys, including tea sets and play tools .....		3944-443	06/85	111.6	117.2	117.9	6.5	.6
Other toys not listed above .....		3944-498	06/85	112.3	112.8	112.5	5.9	-3
Hobbies, models: crafts and stru. kits, sets, & individual units; scientific equip., kit or set .....		3944-5	06/85	116.9	118.1	118.3	5.5	.2
Operating models .....		3944-512	06/85	131.9	131.9	131.9	8.5	0
Operating cars, boats, planes, and other models in individual units, kits, and sets .....		3944-51213	06/85	131.9	131.9	131.9	8.5	0
Crafts: kits and supplies individually packaged or in bulk, excluding glass beads .....		3944-523	06/85	108.5	110.7	111.1	3.0	.4
Secondary products and miscellaneous receipts .....		3944-SM						
Secondary products .....		3944-S	06/85	105.8	105.3	105.3	3.4	0
Other secondary products .....		3944-SSS	06/85	105.4	104.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Sporting and athletic goods, n.e.c. ....	3949		12/85	108.5	110.2	110.6	4.2	.4
Primary products .....		3949-P	12/85	108.4	110.0	110.4	4.0	.4
Fishing tackle and equipment .....		3949-1	12/85	107.0	107.0	107.0	-2	0
Fishing tackle .....		3949-11	12/85	108.3	108.3	108.3	1.8	0
Fishing reels .....		3949-115	12/85	111.8	111.8	111.8	3.3	0
Fishing equipment .....		3949-12	12/85	106.0	106.0	106.0	-1.6	0
Casting plugs, spinners, and spoons; flies, lures, and similar artificial baits .....		3949-124	12/85	96.8	96.8	96.8	-5.9	0
Other fishing equipment, including creels, fish and bait buckets, floats, sinkers .....		3949-128	12/85	117.0	117.0	117.0	3.1	0
Golf equipment .....		3949-2	12/85	109.7	110.6	110.8	3.4	.2
Golf balls .....		3949-231	12/85	104.5	102.1	102.9	.4	.8
Golf clubs .....		3949-242	12/85	110.1	110.1	110.1	3.6	0
Irons .....		3949-24241	12/85	108.5	108.8	108.8	1.4	0
Woods .....		3949-24245	12/85	113.2	112.5	112.7	8.2	.2
Golf bags .....		3949-257	12/85	103.6	103.6	103.6	2.7	0
Playground, gymnasium, and gymnastic equipment .....		3949-4	12/85	107.2	108.3	111.7	6.6	3.1
Health, physical fitness, and exercising equipment, including barbells and dumbbells .....		3949-467	12/85	98.4	100.4	106.0	7.8	5.6
Other sporting and athletic goods .....		3949-5	12/85	108.6	111.0	110.9	4.6	-1
Bowling alleys and supplies .....		3949-522	12/85	107.8	110.0	110.0	5.1	0
Underwater sports and skin diving equipment, such as aqualungs, face masks, fins .....		3949-577	12/85	121.8	128.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Lawn tennis equipment .....		3949-581	12/85	105.9	104.2	104.2	-1.3	0
Other sporting and athletic goods, including table tennis, water skiing, skeet, badminton .....		3949-598	12/85	119.8	120.5	120.2	6.5	-2
Secondary products and miscellaneous receipts .....		3949-SM						
Miscellaneous receipts .....		3949-M	12/85	110.4	110.2	110.2	3.8	0
Resales .....		3949-Z89	12/85	110.4	110.2	110.2	3.8	0
Secondary products .....		3949-S	12/85	105.2	111.0	111.8	8.5	.7
Pens, pencils, and other office and artists' materials .....	395		12/85	108.5	109.0	109.2	2.8	.2
Pens, mechanical pencils, and parts .....	3951		12/85	107.0	107.8	107.8	1.5	0
Primary products .....		3951-P	12/85	109.0	110.0	110.0	2.3	0
Ball point pens, complete, including roller pens .....		3951-2	12/85	110.6	110.8	110.8	2.6	0
Refillable .....		3951-212	12/85	114.1	114.3	114.4	3.6	.1
Non-refillable .....		3951-214	12/85	103.3	103.3	103.3	.5	0
Soft-tip pens (fine point marker) .....		3951-3	12/85	101.2	101.2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Pen and mechanical pencil parts & refill cartridges .....		3951-7	12/85	106.2	( <sup>3</sup> )	106.2	.3	( <sup>3</sup> )
Refill ink cartridges for ball point pens .....		3951-717	12/85	102.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Secondary products and miscellaneous receipts .....		3951-SM						
Miscellaneous receipts .....		3951-M	12/85	115.8	118.8	118.8	1.4	0
Secondary products .....		3951-S	12/85	91.5	91.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Lead pencils and art goods .....	3952		12/85	110.1	110.1	110.4	2.5	.3
Primary products .....		3952-P	12/85	108.8	108.8	109.2	1.5	.4

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Lead pencils and art goods—Continued</b>								
Wood-cased pencils, crayons, and chalk .....		3952-1	12/85	101.4	101.4	101.4	0	0
Pencils .....		3952-111	12/85	100.3	( <sup>3</sup> )	100.3	0	( <sup>3</sup> )
Black graphite pencils .....		3952-11111	12/85	98.8	( <sup>3</sup> )	98.8	0	( <sup>3</sup> )
Crayons and chalk, except artists' .....		3952-113	12/85	112.1	112.1	112.1	.2	0
Artists' equipment and supplies .....		3952-2	12/85	112.3	112.3	112.9	2.2	.5
Artists' equipment, including airbrushes, drawing tables and other equipment .....		3952-211	12/85	111.7	110.8	110.8	.1	0
Other art materials, including modeling clay, chalk and water colors .....		3952-213	12/85	113.0	114.3	115.6	4.9	1.1
Secondary products and miscellaneous receipts .....		3952-SM						
Secondary products .....		3952-S	12/85	117.0	117.1	117.1	8.0	0
<b>Marking devices .....</b>	<b>3953</b>		12/85	109.5	109.8	109.8	3.5	0
Primary products .....		3953-P	12/85	111.1	111.6	111.6	4.0	0
Rubber and vinyl stamps .....		3953-1	12/85	114.4	115.3	115.3	2.9	0
Hand stamps .....		3953-113	12/85	109.9	111.2	111.2	2.3	0
Mechanical hand stamps .....		3953-2	12/85	115.4	116.5	116.5	5.3	0
Self-inkers, including daters .....		3953-223	12/85	116.8	119.1	119.1	11.1	0
Time and numbering stamps .....		3953-225	12/85	110.9	110.9	110.9	0	0
Embossing seals .....		3953-3	12/85	119.1	121.0	121.0	13.9	0
Notary .....		3953-313	12/85	125.8	129.4	129.4	21.4	0
Metal hand stamps .....		3953-4	12/85	112.3	112.3	112.3	3.5	0
Steel embossing and incising heads and dies .....		3953-435	12/85	119.7	119.7	119.7	12.6	0
Other marking devices .....		3953-5	12/85	104.6	104.6	104.6	3.6	0
Other marking devices, n.e.c. ....		3953-598	12/85	108.3	108.3	108.3	3.6	0
Secondary products and miscellaneous receipts .....		3953-SM						
Secondary products .....		3953-S	12/85	109.3	109.3	109.3	3.8	0
<b>Carbon paper and inked ribbons .....</b>	<b>3955</b>		12/85	106.1	106.3	106.9	3.7	.6
Primary products .....		3955-P	12/85	106.6	106.8	107.4	3.7	.6
Inked ribbons .....		3955-1	12/85	99.5	99.9	100.0	3.4	.1
Typewriter film ribbons .....		3955-114	12/85	85.8	87.6	87.6	.9	0
Computer ribbons .....		3955-117	12/85	96.9	97.2	97.2	2.6	0
Other inked ribbons .....		3955-119	12/85	112.9	112.9	113.9	5.7	.9
Carbon and stencil paper .....		3955-2	12/85	113.8	113.8	114.9	3.9	1.0
Coated carbon paper, one time .....		3955-231	12/85	113.4	113.4	113.4	.4	0
<b>Costume jewelry, costume novelties, buttons, and miscellaneous notions .....</b>	<b>396</b>		12/85	105.7	107.1	107.1	4.6	0
<b>Costume jewelry and costume novelties, except precious metal .....</b>	<b>3961</b>		06/85	108.9	110.0	110.1	4.9	.1
Primary products .....		3961-P	06/85	106.7	107.9	108.1	5.6	.2
Costume jewelry and costume novelties made of base metal, whether electroplated or not .....		3961-1	06/85	107.2	108.7	109.0	6.0	.3
Men's jewelry, excluding watch attachments and rings .....		3961-112	06/85	118.6	126.6	128.6	14.3	1.6
Women's and children's jewelry and novelties, excluding watch attachments and rings .....		3961-113	06/85	106.1	106.1	106.1	4.7	0
Secondary products and miscellaneous receipts .....		3961-SM						
Secondary products .....		3961-S	06/85	120.0	120.7	120.0	1.7	-.6
<b>Artificial flowers .....</b>	<b>3962</b>		12/85	105.7	107.8	106.4	3.2	-1.3
Primary products .....		3962-P	12/85	106.4	108.8	107.1	3.7	-1.6
Artificial flowers, feathers and plumes .....		3962-2	12/85	102.3	102.8	103.5	3.6	.7
Artificial and preserved flowers and plants .....		3962-221	12/85	104.2	104.7	105.6	1.9	.9
Plastic type .....		3962-22115	12/85	106.7	106.8	107.5	.7	.7
Other materials .....		3962-22117	12/85	102.3	103.1	104.3	3.1	1.2
Secondary products and miscellaneous receipts .....		3962-SM						
Secondary products .....		3962-S	12/85	102.0	102.7	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>Buttons .....</b>	<b>3963</b>		12/85	109.6	111.8	115.2	8.0	3.0
Primary products .....		3963-P	12/85	107.4	109.7	113.4	8.3	3.4
Buttons and parts, except for precious or semiprecious metals and stones .....		3963-1	12/85	107.4	109.7	113.4	8.3	3.4
Plastic .....		3963-131	12/85	105.5	107.9	107.9	3.4	0
Polyester .....		3963-13141	12/85	107.2	110.3	110.3	4.4	0
Other buttons, fabric covered, wood, bone and hoof, vegetable, ivory, leather, pearl or shell .....		3963-198	12/85	125.4	128.8	128.8	12.4	0
Secondary products and miscellaneous receipts .....		3963-SM						
<b>Needles, pins, and fasteners .....</b>	<b>3964</b>		12/85	107.2	108.8	108.7	4.0	-.1
Primary products .....		3964-P	12/85	107.2	108.8	108.8	3.9	0
Zippers and slide fasteners .....		3964-1	12/85	109.2	111.5	111.3	4.7	-.2
Plastic zippers and slide fasteners .....		3964-111	12/85	103.4	103.9	103.8	.8	-.1
Other plastics .....		3964-11118	12/85	112.0	114.7	113.7	5.2	-.9
Metal zippers and slide fasteners .....		3964-121	12/85	113.8	117.4	117.1	7.6	-.3
Brass .....		3964-12118	12/85	99.8	106.6	105.8	6.8	-.8
Needles, pins, fasteners, and similar notions .....		3964-2	12/85	104.9	105.8	106.0	3.0	.2
Snap fasteners .....		3964-211	12/85	101.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Other snap fasteners: 4-part, riveted, etc. ....		3964-21118	12/85	101.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Buckles .....		3964-221	12/85	115.9	117.8	117.8	5.7	0

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Needles, pins, and fasteners—Continued								
Metal buckles for wearing apparel, incl. fabric covered .....		3964-22117	12/85	118.0	119.4	119.4	5.6	0
Other fasteners and apparel trimming, incl. tape fasteners .....		3964-231	12/85	107.0	108.7	109.1	4.2	.4
Secondary products and miscellaneous receipts .....		3964-SM						
Secondary products .....		3964-S	12/85	108.6	110.0	109.3	5.1	-.6
Miscellaneous manufacturing industries .....	399		12/85	109.6	110.7	111.2	4.8	.5
Brooms and brushes .....	3991		12/85	107.9	108.0	108.9	3.4	.8
Primary products .....		3991-P	12/85	108.6	108.8	109.7	3.5	.8
Brooms .....		3991-1	12/85	105.7	106.9	106.9	2.9	0
Household floor brooms .....		3991-111	12/85	104.8	107.2	107.2	5.5	0
Other brooms (industrial, whisk, toy, hearth, street, stable, etc.) .....		3991-112	12/85	106.4	106.7	106.7	1.1	0
Paint and varnish brushes and rollers .....		3991-2	12/85	107.3	107.6	109.7	4.5	2.0
Whitewash, kalsomine, paperhanging, marking, and stenciling brushes .....		3991-211	12/85	108.1	108.2	111.6	5.2	3.1
Pure bristle .....		3991-21115	12/85	105.7	106.3	106.3	2.3	0
Synthetic bristle and other materials, including mixtures .....		3991-21116	12/85	109.3	109.3	114.4	6.7	4.7
Paint rollers, roller frames, replacement rollers, and paint pads .....		3991-212						
Replacement rollers .....		3991-21217	12/85	108.1	108.6	108.6	3.7	0
Other brushes .....		3991-3	12/85	110.2	110.0	110.5	3.2	.5
Personal brushes .....		3991-311	12/85	116.2	114.6	114.8	2.0	.2
Other, including shaving brushes .....		3991-31117	12/85	102.6	99.1	99.2	-2.8	.1
Maintenance brushes (floorsweeps and brushes, scrub brushes, dusting brushes, etc.) .....		3991-312	12/85	103.5	104.3	104.3	2.7	.0
Household, including any twisted-in-brushes .....		3991-31215	12/85	100.4	101.4	101.4	2.6	0
Industrial, including any twisted-in-wire brushes .....		3991-31216	12/85	106.4	106.9	106.9	2.5	0
Industrial brushes, except maintenance, including power-driven rotary brushes .....		3991-313	12/85	112.9	112.9	112.9	4.3	0
Other brushes, including artists' brushes and hair pencils, excl. artists' airbrushes .....		3991-314	12/85	114.4	114.4	118.6	6.4	3.7
Secondary products and miscellaneous receipts .....		3991-SM						
Secondary products .....		3991-S	12/85	106.1	106.3	106.3	5.7	0
Other secondary products .....		3991-SSS	12/85	104.6	105.0	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Signs and advertising displays .....	3993		12/85	108.9	109.4	109.5	2.7	.1
Primary products .....		3993-P	12/85	108.2	108.8	108.9	3.1	.1
Electric signs .....		3993-1	12/85	107.0	107.0	107.0	2.1	0
Luminous tubing signs .....		3993-101	12/85	110.0	110.0	110.0	2.5	0
Fluorescent signs .....		3993-102	12/85	108.9	108.9	108.9	2.1	0
Non-electric signs .....		3993-2	12/85	108.7	109.3	109.8	3.9	.5
Metal signs .....		3993-201	12/85	108.8	108.8	108.8	4.8	0
Wood signs .....		3993-202	12/85	110.7	114.1	113.7	7.9	-.4
Plastic signs, non-illuminated .....		3993-203	12/85	106.9	107.7	108.4	2.6	.6
Other non-electric signs .....		3993-204	12/85	116.9	117.6	118.5	5.8	.8
Advertising specialties .....		3993-3	12/85	108.7	109.9	109.9	3.1	0
Advertising specialties .....		3993-301	12/85	108.7	109.9	109.9	3.1	0
Secondary products and miscellaneous receipts .....		3993-SM						
Miscellaneous receipts .....		3993-M	12/85	112.0	112.0	112.0	0	0
Secondary products .....		3993-S	12/85	120.7	121.9	121.9	2.4	0
Burial caskets .....	3995		12/84	112.7	115.8	115.8	3.7	0
Primary products .....		3995-P	12/84	112.7	115.8	115.9	3.7	.1
Metal caskets and coffins, completely lined and trimmed, adult sizes only .....		3995-1	12/84	111.7	115.6	115.6	3.7	0
Steel, excluding stainless .....		3995-113	12/84	111.5	115.3	115.4	3.8	.1
Other metal caskets and coffins .....		3995-115	12/84	113.4	117.5	117.8	3.9	.3
Wood caskets and coffins, completely lined and trimmed, adult sizes only .....		3995-2	12/84	117.6	119.1	119.2	4.7	.1
Cloth covered, softwood .....		3995-211	12/84	120.2	122.7	123.0	4.6	.2
Hardwood .....		3995-252	12/84	116.7	118.0	118.0	4.7	0
Other caskets and coffins and metal vaults .....		3995-3	12/84	110.4	112.6	112.6	2.0	0
Hard surface floor coverings .....	3996		12/85	115.3	115.3	115.3	6.8	0
Primary products .....		3996-P	12/85	115.1	115.1	115.1	6.6	0
Sheet vinyl flooring .....		3996-111	12/85	116.4	116.4	116.4	6.9	0
Floor tile .....		3996-122	12/85	113.1	113.1	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Manufacturing industries, n.e.c. ....	3999		12/85	109.6	111.2	111.9	6.2	.6
Primary products .....		3999-P	12/85	110.3	112.3	113.1	6.9	.7
Chemical fire extinguishing equipment .....		3999-1	12/85	103.4	111.5	111.5	15.5	0
Hand portable extinguishers .....		3999-113	12/85	104.2	114.2	114.2	16.9	0
Dry chemical .....		3999-11312	12/85	106.7	117.3	117.3	18.1	0
Matches .....		3999-3						
Paper stem .....		3999-361	12/85	123.9	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Candles .....		3999-4	12/85	107.8	107.8	113.7	9.0	5.5
Miscellaneous fabricated products .....		3999-9	12/85	109.7	111.3	111.3	5.0	0
Other miscellaneous fabricated products .....		3999-998	12/85	110.2	111.2	111.2	4.1	0
Secondary products and miscellaneous receipts .....		3999-SM						
Miscellaneous receipts .....		3999-M	12/85	101.6	97.2	97.2	-3.2	0
Secondary products .....		3999-S	12/85	107.3	108.7	108.3	4.2	-.4

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
<b>Services Industries</b>								
Railroads, line haul operations .....	4011		12/84	105.8	106.1	106.1	0.9	0
Farm products .....		4011-A1	12/84	108.9	109.0	108.6	4.0	-4
Grain .....		4011-A11	12/84	109.2	109.2	108.8	4.5	-4
Metallic ores .....		4011-A2	12/84	105.2	105.6	105.8	1.8	.2
Iron ores .....		4011-A21	12/84	103.0	103.2	103.5	2.7	.3
Coal .....		4011-A3	12/84	104.9	105.2	105.2	-1	0
Bituminous coal .....		4011-A31	12/84	104.9	105.2	105.2	-1	0
Non-metallic minerals .....		4011-A4	12/84	107.3	108.0	107.9	1.4	-1
Food products .....		4011-A5	12/84	103.8	103.1	103.3	-6	.2
Wood or lumber products .....		4011-A6	12/84	105.8	106.0	105.7	-2	-3
Lumber or dimension stocks .....		4011-A61	12/84	106.3	105.7	105.2	-2.0	-5
Pulp, paper, or allied products .....		4011-A7	12/84	104.7	105.4	105.1	.7	-3
Chemical or allied products .....		4011-A8	12/84	108.3	109.0	108.9	1.4	-1
Potassium or sodium inorganic compounds .....		4011-A81	12/84	107.3	108.8	108.4	2.0	-4
Petroleum or coal products .....		4011-A9	12/84	105.1	104.7	104.8	-1.9	.1
Clay, concrete, glass, or stone products .....		4011-B1	12/84	108.5	108.8	108.9	.9	.1
Primary metal products .....		4011-B2	12/84	111.2	112.1	112.0	1.9	-1
Primary iron or steel products .....		4011-B21	12/84	106.7	107.5	107.4	1.0	-1
Transportation equipment .....		4011-B3	12/84	104.3	106.0	106.4	2.5	.4
Motor vehicles .....		4011-B31	12/84	106.5	109.7	109.6	2.7	-1
Motor vehicle parts or accessories .....		4011-B32	12/84	107.6	108.3	108.6	2.1	.3
Waste or scrap materials .....		4011-B4	12/84	105.8	106.1	107.1	1.2	.9
Shipper assn or similar traffic .....		4011-B5	12/84	100.2	100.5	100.4	.4	-1
Miscellaneous mixed shipments .....		4011-B6	12/84	100.9	101.6	101.3	.3	-3
Deep sea foreign transportation of freight .....	4412		06/88	106.2	105.2	106.9	( <sup>3</sup> )	1.6
Primary services .....		4412-P	06/88	105.9	104.9	106.5	( <sup>3</sup> )	1.5
Inbound liner .....		4412-1	06/88	93.4	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Outbound liner .....		4412-2	06/88	114.8	117.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Domestic deep sea transportation .....	4424		06/88	100.3	101.9	102.8	( <sup>3</sup> )	.9
Primary services .....		4424-P	06/88	100.4	101.9	102.8	( <sup>3</sup> )	.9
Noncontiguous area transportation .....		4424-1	06/88	97.7	101.5	102.9	( <sup>3</sup> )	1.4
Crude petroleum .....		4424-121	06/88	97.8	102.0	103.6	( <sup>3</sup> )	1.6
Other noncontiguous area transportation .....		4424-151	06/88	97.2	99.8	100.2	( <sup>3</sup> )	.4
Coastwise transportation .....		4424-2	06/88	104.0	103.6	103.9	( <sup>3</sup> )	.3
Refined petroleum products .....		4424-241	06/88	106.5	105.8	106.7	( <sup>3</sup> )	.9
Other coastwise transportation .....		4424-251	06/88	98.1	98.2	97.4	( <sup>3</sup> )	-8
Secondary services .....		4424-S	06/88	( <sup>3</sup> )	99.6	99.6	( <sup>3</sup> )	0
Air transportation, certificated carriers .....	4511		12/87	102.9	102.0	102.4	.5	.4
Scheduled air cargo transportation .....		4511-1	12/87	105.5	104.2	104.8	1.5	.6
Property .....		4511-111	12/87	105.1	103.2	103.9	.7	.7
Freight .....		4511-11101	12/87	113.2	121.6	120.5	14.8	-9
Express .....		4511-11102	12/87	95.5	95.5	95.5	-2.4	0
Mail .....		4511-112	12/87	95.5	95.5	95.5	-2.4	0
Air courier services .....		4511-3						
Air courier services .....		4511-311	12/87	101.2	( <sup>3</sup> )	98.6	-1.4	( <sup>3</sup> )
Pipe lines, except natural gas .....	46		12/86	94.5	94.4	94.4	-3	0
Crude petroleum pipe lines .....	4612		06/86	92.3	92.3	92.3	-4	0
Trans Alaskan pipe lines .....		4612-111	06/86	85.9	85.9	85.9	-7	0
Non-Trans Alaskan pipe lines .....		4612-121	06/86	100.0	100.0	100.0	0	0
Refined petroleum pipe lines .....	4613		06/86	100.8	100.4	100.4	-4	0
Radio broadcasting .....	4832		06/88	101.0	102.5	104.5	( <sup>3</sup> )	2.0
Primary services .....		4832-P	06/88	100.7	102.4	104.3	( <sup>3</sup> )	1.9
Local station commercial advertising .....		4832-1	06/88	101.8	103.9	105.5	( <sup>3</sup> )	1.5
Commercials sold by daypart .....		4832-101	06/88	102.3	104.6	106.0	( <sup>3</sup> )	1.3
Morning drive .....		4832-10111	06/88	99.9	102.4	101.8	( <sup>3</sup> )	-6
Midday .....		4832-10112	06/88	104.6	109.5	114.4	( <sup>3</sup> )	4.5
Afternoon drive .....		4832-10113	06/88	101.5	102.2	102.5	( <sup>3</sup> )	.3
Evening .....		4832-10114	06/88	103.9	103.8	104.6	( <sup>3</sup> )	.8
Commercials sold in package plans .....		4832-103	06/88	100.9	102.6	104.6	( <sup>3</sup> )	1.9
Other local station services .....		4832-2	06/88	101.5	102.5	102.2	( <sup>3</sup> )	-3
Network sales .....		4832-3	06/88	80.5	( <sup>3</sup> )	81.1	( <sup>3</sup> )	( <sup>3</sup> )
Scrap and waste materials .....	5093		12/86	153.3	152.6	151.3	6.7	-9
Primary products .....		5093-P	12/86	158.6	157.5	156.0	8.3	-1.0
Metal scrap .....		5093-A	12/86	183.7	181.8	179.8	13.9	-1.1
Ferrous scrap .....		5093-1	12/86	176.5	174.0	172.9	8.8	-6
Carbon steel scrap .....		5093-11	12/86	171.0	165.7	166.6	7.3	.5
Heavy melting scrap .....		5093-111	12/86	158.4	156.6	159.5	6.1	1.9
Heavy melting scrap - domestic shipments .....		5093-111D	12/86	158.8	157.9	160.6	5.7	1.7
Northeast .....		5093-11112	12/86	159.6	162.7	166.1	16.2	2.1
Chicago .....		5093-11113	12/86	155.6	153.5	155.2	2.0	1.1

See footnotes at end of table.

**Table 5. Producer price indexes for the net output of selected industries and their products—Continued**

Industry and product <sup>1</sup>	Industry code	Product code	Index base	Index			Unadjusted percent change to May 1989 from —	
				Jan. 1989 <sup>2</sup>	Apr. 1989 <sup>2</sup>	May 1989 <sup>2</sup>	May 1988	Apr. 1989
Scrap and waste materials—Continued								
Ohio and Lake Erie .....		5093-11114	12/86	162.3	( <sup>3</sup> )	153.0	0.3	( <sup>3</sup> )
South .....		5093-11115	12/86	167.4	162.8	171.1	12.4	5.1
West .....		5093-11116	12/86	158.8	175.2	179.7	14.8	2.6
Bundles .....		5093-112	12/86	158.9	156.3	154.7	7.1	-1.0
Bundles - domestic shipments .....		5093-112D	12/86	167.6	165.1	163.4	9.5	-1.0
Northeast .....		5093-11212	12/86	164.7	156.0	159.9	1.5	2.5
Chicago .....		5093-11213	12/86	159.9	152.1	148.7	7.6	-2.2
Ohio and Lake Erie .....		5093-11214	12/86	164.3	150.7	150.1	1.9	-4
Shredded scrap .....		5093-113	12/86	144.0	147.7	151.2	13.6	2.4
Shredded scrap - domestic shipments .....		5093-113D	12/86	138.4	136.4	138.3	15.3	1.4
South .....		5093-11315	12/86	152.3	151.4	153.4	14.1	1.3
Cut plate and structural scrap .....		5093-114	12/86	163.9	157.8	158.7	6.9	.6
Cut plate and structural scrap - domestic shipments .....		5093-114D	12/86	163.9	157.8	158.7	6.9	.6
Northeast .....		5093-11412	12/86	145.9	147.7	149.9	9.4	1.5
South .....		5093-11415	12/86	156.1	150.9	150.8	6.1	-1
Other carbon steel scrap .....		5093-115	12/86	242.9	219.7	219.7	6.9	0
Other carbon steel scrap - domestic shipments .....		5093-115D	12/86	208.4	194.9	194.9	3.2	0
Stainless and alloy steel scrap .....		5093-12	12/86	292.4	308.7	284.8	19.2	-7.7
Stainless and alloy steel scrap - domestic shipments .....		5093-121D	12/86	281.4	( <sup>3</sup> )	267.1	22.6	( <sup>3</sup> )
Cast iron scrap .....		5093-13	12/86	135.0	140.2	140.3	7.2	.1
Cast iron scrap - domestic shipments .....		5093-131D	12/86	137.4	142.8	142.8	7.1	0
Northeast .....		5093-13112	12/86	127.3	128.0	128.0	7.4	0
Chicago .....		5093-13113	12/86	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Ohio and Lake Erie .....		5093-13114	12/86	130.5	126.2	128.0	-2	1.4
West .....		5093-13116	12/86	193.7	204.6	205.7	17.7	.5
Nonferrous scrap .....		5093-2	12/86	193.4	192.3	189.0	20.8	-1.7
Aluminum scrap .....		5093-21	12/86	188.2	184.6	184.1	1.8	-3
Aluminum scrap - domestic shipments .....		5093-21D	12/86	184.8	181.4	180.4	2.0	-6
Aluminum scrap - new .....		5093-211	12/86	179.1	174.4	173.1	4.3	-7
Solids and clippings .....		5093-21111	12/86	173.3	169.4	170.1	5.4	.4
Aluminum scrap - old .....		5093-212	12/86	192.1	190.3	189.7	-6	-3
Used cans .....		5093-21211	12/86	192.8	195.8	194.8	-7	-5
Other old scrap .....		5093-21212	12/86	190.6	179.2	179.5	-6	.2
Aluminum scrap - exports .....		5093-21E	12/86	210.2	205.4	208.3	1.1	1.4
Copper and brass scrap .....		5093-22	12/86	197.1	202.2	197.3	24.7	-2.4
Copper and brass scrap - domestic shipments .....		5093-22D	12/86	195.5	199.8	195.1	24.3	-2.4
No. 1 heavy wire .....		5093-221	12/86	198.0	193.5	192.5	27.7	-5
No. 2 wire, mixed .....		5093-222	12/86	218.0	229.3	226.2	34.2	-1.4
Other copper and brass scrap .....		5093-224	12/86	185.0	190.4	180.7	21.8	-5.1
Copper and brass scrap - export shipments .....		5093-22E	12/86	213.3	227.3	220.3	27.9	-3.1
Lead scrap .....		5093-23	12/86	183.7	147.0	129.2	-9.7	-12.1
Lead scrap - domestic shipments .....		5093-231D	12/86	183.7	147.0	129.2	-9.7	-12.1
Waste paper .....		5093-B	12/86	99.1	100.2	99.6	-14.8	-6
Corrugated .....		5093-51	12/86	71.8	71.4	68.8	-27.7	-3.6
Northeast .....		5093-511	12/86	71.8	65.1	64.7	-27.8	-6
North Central .....		5093-512	12/86	69.7	72.4	66.3	-31.7	-8.4
South .....		5093-513	12/86	77.9	79.2	78.0	-19.4	-1.5
West .....		5093-514	12/86	69.4	71.5	71.5	-28.0	0
News .....		5093-52	12/86	71.5	63.1	61.6	-48.2	-2.4
Northeast .....		5093-521	12/86	48.3	40.6	40.7	-66.3	.2
North central .....		5093-522	12/86	88.4	75.8	70.4	-38.7	-7.1
South .....		5093-523	12/86	95.1	84.2	91.9	-25.2	9.1
West .....		5093-524	12/86	78.3	79.6	70.6	-39.2	-11.3
Mixed papers .....		5093-53	12/86	113.3	90.3	85.1	-27.1	-5.8
Northeast .....		5093-531	12/86	94.6	86.2	85.5	-36.2	-1.1
North central .....		5093-532	12/86	137.4	109.3	105.1	-16.2	-3.8
South .....		5093-533	12/86	96.5	84.3	73.2	-36.6	-13.2
West .....		5093-534	12/86	105.9	105.9	91.4	-31.9	-13.7
High grades: pulp substitutes and deinking .....		5093-54	12/86	128.5	133.2	135.5	2.8	1.7
Northeast .....		5093-541	12/86	120.6	125.1	125.7	1.6	.5
North central .....		5093-542	12/86	125.8	129.4	134.1	4.6	3.6
South .....		5093-543	12/86	152.5	156.6	157.1	4.3	.3
West .....		5093-544	12/86	149.3	164.3	163.0	-4.6	-8
Waste paper exports .....		5093-55	12/86	105.3	117.0	113.9	-11.7	-2.6
Waste paper exports .....		5093-551	12/86	105.3	117.0	113.9	-11.7	-2.6
Waste materials other than metal and paper .....		5093-C	12/86	108.1	108.5	108.5	1.7	0
Waste rags and textile waste .....		5093-6	12/86	109.0	109.0	109.0	7.3	0
Waste rags and textile waste .....		5093-611	12/86	109.0	109.0	109.0	7.3	0
Wiping cloths .....		5093-7	12/86	99.6	99.6	99.6	0	0
Wiping cloths .....		5093-711	12/86	99.6	99.6	99.6	0	0
Other waste materials and scrap, including rubber scrap and oil waste .....		5093-8	12/86	115.7	117.1	117.1	-4.9	0
Other waste materials and scrap, including rubber scrap and oil waste .....		5093-811	12/86	115.7	117.1	117.1	-4.9	0

<sup>1</sup> Industry and product class indexes may include products not shown separately.

<sup>2</sup> Data for January 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

<sup>3</sup> Not available.

<sup>4</sup> Seasonal product—no price available this month.  
n.e.c. = Not elsewhere classified.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
All commodities .....			110.5	112.3	113.1	6.2	0.7
Industrial commodities .....			109.6	111.7	112.4	5.9	.6
Farm products, processed foods and feeds .....			115.0	115.1	116.9	8.1	1.6
Farm products .....	01		112.0	110.5	114.9	12.4	4.0
Fresh and dried fruits and vegetables .....	011		109.4	112.3	127.5	26.0	13.5
Fresh fruits .....	0111		110.9	104.5	109.4	-3.7	4.7
Citrus fruits .....	01		118.5	115.7	132.9	-7.8	14.9
Grapefruits .....	0101		154.7	135.1	156.0	5.1	15.5
Lemons .....	0104		117.2	120.3	122.8	5.2	2.1
Valencia oranges .....	0105		106.8	109.6	123.6	6.0	12.8
Navel oranges .....	0106		79.5	76.8	92.0	-24.8	19.8
Other fruits .....	02		108.1	100.5	100.9	-1.7	.4
Delicious apples .....	0215		95.1	110.9	98.4	(?)	-11.3
Mcintosh apples .....	0216		95.6	117.9	117.9	2.4	0
Grapes .....	0218		141.0	(?)	(?)	(?)	(?)
Pears .....	0221		97.8	(?)	(?)	(?)	(?)
Strawberries .....	0222		100.5	39.1	55.8	-39.0	42.7
Fresh and dried vegetables .....	0113		109.2	119.3	142.9	54.8	19.8
Dried vegetables, bulk .....	01						
Beans, dried .....	0101		(?)	(?)	120.3	65.7	(?)
Fresh vegetables, except potatoes .....	02		93.4	107.1	140.4	58.6	31.1
Cabbage .....	0211		81.2	99.1	136.7	-13.8	37.9
Carrots .....	0212		89.0	116.2	116.2	17.5	0
Celery .....	0213		109.7	85.6	169.0	23.2	97.4
Sweet corn .....	0214		164.8	194.3	141.3	50.0	-27.3
Lettuce .....	0215		111.4	92.5	65.1	-22.6	-29.6
Onions .....	0216		120.0	93.6	99.1	-3.1	5.9
Tomatoes .....	0217		71.0	114.5	233.7	168.3	104.1
Snap beans .....	0218		117.7	174.8	171.2	26.3	-2.1
Sweet potatoes .....	03		152.1	165.9	189.9	-7.6	14.5
Sweet potatoes, New York .....	0331		153.5	166.3	198.3	-5.5	19.2
Sweet potatoes, Chicago .....	0332		159.4	176.1	184.5	-12.3	4.8
White potatoes .....	04		148.1	152.7	150.8	50.0	-1.2
Western, Chicago .....	0441		146.1	169.0	166.2	56.8	-1.7
Midwestern, Chicago .....	0442		138.7	133.3	125.3	36.9	-6.0
Eastern, New York .....	0443		146.9	180.5	195.8	88.3	8.5
Western, New York .....	0444		173.9	178.0	180.7	33.4	1.5
Western, Los Angeles .....	0445		142.7	138.8	132.2	53.0	-4.8
Grains .....	012		115.2	109.8	114.1	37.6	3.9
Wheat .....	0121		114.0	109.2	114.4	42.8	4.8
Hard red winter, no. 1, ord. protein, Kansas City .....	0101		110.1	108.3	115.0	49.7	6.2
Hard red spring, no. 1, ord. Minneapolis .....	0102		111.5	109.4	114.6	40.4	4.8
Soft white, no. 1, Portland, Oregon .....	0103		119.2	108.0	111.9	42.4	3.6
Soft red winter, no. 2, St. Louis .....	0104		135.5	124.5	130.0	39.9	4.4
Hard amber durum, no. 1, Minneapolis .....	0105	12/84	119.1	116.2	112.7	15.4	-3.0
Other grains .....	0122		115.3	109.6	113.4	35.0	3.5
Barley .....	01						
Barley, No. 2, feed, Minn. ....	0101		114.9	132.2	130.6	27.5	-1.2
Corn .....	02						
Corn, No. 2, Chicago .....	0205		113.0	106.9	111.1	36.7	3.9
Oats .....	03						
Oats, No. 2, Minneapolis .....	0311		155.3	118.1	117.0	.9	-9
Rye .....	04						
Rye, No. 2, Minneapolis .....	0415		79.1	79.1	77.7	45.2	-1.8
Livestock .....	013		104.5	105.9	106.9	-4.4	.9
Cattle .....	0131		111.7	117.3	116.5	-1.7	-7
Steers .....	01		111.3	116.8	116.5	.4	-3
Choice .....	0111		111.9	117.7	117.3	.4	-3
Select .....	0122		117.0	(?)	123.4	.7	(?)
Cows .....	02		107.1	110.9	108.8	-11.6	-1.9
Commercial .....	0231		106.9	110.8	108.8	-11.6	-1.8
Cutter .....	0241		123.4	125.7	118.4	-12.2	-5.8
Calves .....	03		125.3	143.4	141.0	20.7	-1.7
Calves, choice, New York auction .....	0351		93.8	101.6	102.6	-2.0	1.0
Choice, South St. Paul .....	0353		150.2	177.7	172.1	40.1	-3.2
Hogs .....	0132		80.8	67.3	74.6	-15.9	10.8
Barrows and gilts .....	01		81.6	67.6	75.0	-16.6	10.9
Barrows and gilts, 220-240 pounds .....	0161		78.2	67.2	76.4	-11.2	13.7
Barrows and gilts, 270-300 lb. ....	0171		94.8	68.7	(?)	(?)	(?)
Sows .....	02						

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Hogs--Continued	0132						
Sows, 300-400 pounds	0281		72.1	63.7	69.3	-7.0	8.8
Lambs	0133						
Choice	0191		(?)	138.0	126.9	-5.3	-8.0
Live poultry	014		122.4	138.4	155.0	38.1	12.0
Chickens	0141						
Broilers and fryers	02		129.5	142.1	162.3	32.6	14.2
Turkeys	0142		98.1	126.2	130.3	68.6	3.2
Plant and animal fibers	015		95.8	105.0	108.1	4.2	3.0
Raw cotton	0151						
Raw Cotton	0101		92.6	102.6	105.9	5.2	3.2
Domestic apparel wool	0152						
64's, staple 2 3/4 in. and up	0101		151.3	141.9	140.6	-9.1	-9
62's, staple 3 in. and up	0106		183.2	152.7	152.7	-18.9	0
60's, staple 3 in. and up	0107		159.0	142.6	142.6	-10.3	0
58's, staple 3 1/4 in. and up	0108		150.7	143.8	143.8	-12.5	0
54's staple 3 1/2 in. and up	0111		148.0	149.6	149.6	-5.0	0
54's staple 3 1/2 in. and up	0111		145.8	149.3	142.2	5.3	-4.8
Fluid milk	016		96.4	90.0	89.7	5.2	-3
Milk eligible for fluid use	0161						
Milk, fluid use	0102		97.0	90.6	90.1	5.0	-6
Milk, fluid use	0102		97.0	90.6	90.1	5.0	-6
Milk, manufacturing grade	0162						
Milk, manufacturing grade	0101		94.2	87.6	88.5	6.2	1.0
Milk, manufacturing grade	0101		94.2	87.6	88.5	6.2	1.0
Eggs	017		127.3	110.8	107.0	51.1	-3.4
Eggs	0171						
Eggs, jumbo	02	12/84	108.9	95.8	93.5	34.3	-2.4
Eggs, jumbo, grade A	0201	12/84	108.9	95.8	93.5	34.3	-2.4
Eggs, extra large	03	12/84	122.4	106.8	102.9	47.8	-3.7
Eggs, extra large, grade A	0301	12/84	123.5	106.4	102.8	52.3	-3.4
Eggs, extra large, grade AA	0302	12/84	119.5	107.5	102.9	39.2	-4.3
Eggs, large	04		129.3	112.5	108.3	50.4	-3.7
Eggs, large, grade A	0401	12/84	124.0	106.5	102.9	54.7	-3.4
Eggs, large, grade AA	0402	12/84	121.4	108.6	103.8	41.8	-4.4
Eggs, medium	05	12/84	123.7	105.4	104.2	58.8	-1.1
Eggs, medium, grade A	0501	12/84	123.7	103.6	104.4	66.2	.8
Eggs, medium, grade AA	0502	12/84	123.6	109.4	103.8	44.6	-5.1
Eggs, small	06	12/84	94.6	91.1	80.4	114.4	-11.7
Eggs, small, grade A	0601	12/84	94.6	91.1	80.4	114.4	-11.7
Hay, hayseeds and oilseeds	018		153.2	142.1	151.4	18.5	6.5
Hay	0181						
Alfalfa	0101		195.6	195.6	218.6	81.0	11.8
Alfalfa	0101		195.6	195.6	218.6	81.0	11.8
Hayseeds	0182						
Alfalfa hayseeds	0101		160.4	158.8	157.2	9.9	-1.0
Clover hayseeds	0111		135.8	135.8	129.9	-12.0	-4.3
Clover hayseeds	0111		148.5	146.6	146.6	18.6	0
Oilseeds	0183						
Peanuts	0111		143.6	130.7	137.5	7.8	5.2
Cottonseed	0121		(?)	(?)	124.2	-6.2	(?)
Cottonseed	0121		146.9	(?)	(?)	(?)	(?)
Soybeans	0131		134.3	120.9	127.9	8.1	5.8
Other farm products	019		99.7	98.6	99.2	8.4	.6
Leaf tobacco	0192						
Leaf tobacco	0101		94.4	93.1	93.7	14.3	.6
Processed foods and feeds	02		116.6	117.5	118.1	6.2	.5
Cereal and bakery products	021						
Bakery products	0211						
White pan bread	01		132.0	133.7	134.4	8.0	.5
White pan bread	0106		128.4	131.5	133.0	11.7	1.1
White pan bread, northeast	0107		131.9	134.4	136.2	11.1	1.3
White pan bread, north central	0107		136.9	137.2	140.9	16.5	2.7
White pan bread, south	0108		120.2	126.1	126.0	9.9	-1
White pan bread, west	0109		127.0	129.1	130.4	8.8	1.0
Other bread	04		129.8	132.5	133.5	10.6	.8
White hearth bread	0401		135.7	137.1	138.7	11.4	1.2

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Bakery products—Continued	0211						
Dark wheat bread	0402		124.5	127.1	128.5	11.1	1.1
Rye bread	0403		136.5	142.8	140.9	15.9	-1.3
Other variety bread	0404		131.8	134.2	134.6	3.9	.3
Bread type rolls	05		129.7	128.5	130.3	11.7	1.4
Hamburger and weiner rolls	0501		130.5	127.5	130.2	11.3	2.1
Brown and serve rolls	0502		133.0	134.6	137.0	13.1	1.8
Other bread type rolls	0504		124.6	126.8	126.7	11.2	-1.
Sweet yeast goods	07		120.6	121.1	121.1	5.9	0
Other sweet yeast goods	0702		118.1	118.8	118.8	5.6	0
Soft cakes	08		147.6	147.8	147.6	5.3	-1.
Snack cakes	0801		152.0	152.2	153.1	5.4	.6
Other soft cakes	0802		137.9	137.9	135.3	5.0	-1.9
Pies	09		150.9	151.2	151.6	5.6	.3
Snack pies	0901		156.3	159.7	161.1	7.8	.9
Other pies	0902		139.2	134.2	132.7	1.2	-1.1
Pastries	11						
Pastries	1101		( <sup>2</sup> )	132.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Cake type doughnuts	12						
Cake type doughnuts	1201		107.9	121.0	122.5	5.0	1.2
Cookies, crackers, and related products	21		136.2	137.5	137.5	5.0	0
Cookies, ice cream cones, and toaster pastries	2103	06/83	126.9	127.7	127.8	4.4	.1
Crackers, cracker sandwiches and pretzels	2104	06/83	141.2	143.0	142.9	5.8	-1.
Flour and flour base mixes and doughs	0212						
Flour	03		111.9	111.5	113.2	13.0	1.5
Wheat flour	0301	06/83	114.8	113.7	115.9	19.2	1.9
Flour base mixes and doughs	04		110.7	109.6	111.8	19.1	2.0
Flour base mixes and doughs	0401	06/83	113.9	114.6	115.7	4.1	1.0
Milled rice	0213						
Head rice	01		103.7	103.1	107.7	-13.7	4.5
Medium grain milled rice	0101		104.4	103.8	108.0	-15.6	4.0
Long grain milled rice	0102		103.9	105.9	109.0	-9.6	2.9
Other milled rice and byproducts	02		104.9	103.6	108.1	-17.1	4.3
Other milled rice and byproducts	0201	06/84	85.7	85.7	92.0	2.6	7.4
Other cereals	0214						
Pasta products	02	06/85	132.1	133.9	136.0	14.8	1.6
Macaroni, spaghetti, vermicelli, & other macaroni prod	0201	06/85	111.0	113.3	122.7	14.4	8.3
Noodle products	0202	06/85	110.6	112.9	125.6	13.8	11.2
Other cereals except pasta products	09	06/85	112.3	115.1	112.9	16.6	-1.9
Cornmeal, grits, and hominy	0902	06/83	126.1	127.5	127.4	14.9	-1.
Breakfast cereals, ready to serve	0904	12/83	101.9	99.0	101.2	13.5	2.2
Breakfast cereals, cooked	0905	12/83	145.2	145.8	145.8	13.6	0
Manufactured starch	0907	06/85	144.4	144.4	144.4	19.5	0
Manufactured starch	0907	06/85	105.0	112.3	111.1	20.4	-1.1
Meats, poultry, and fish	022		109.8	112.1	113.3	5.2	1.1
Meats	0221						
Beef and veal	01		102.8	103.2	103.5	1.3	.3
USDA choice beef carcasses	0102		107.4	112.2	111.7	8.7	-4.
Other USDA graded and ungraded beef carcasses	0107	12/88	109.5	115.6	115.3	10.2	-3.
Primal and fabricated beef cuts	0111		104.4	109.2	107.0	( <sup>2</sup> )	-2.0
Boneless beef including hamburger	0113		100.4	104.9	105.3	9.5	.4
Variety meats (edible organs)	0115		103.6	109.5	106.8	2.7	-2.5
Pork	04		87.3	67.5	67.5	-30.2	0
Whole carcass pork	0401		95.4	88.5	90.0	-10.4	1.7
Sliced bacon	0421		138.8	106.2	113.1	( <sup>2</sup> )	6.5
Hams and picnics, except canned	0432	12/88	70.3	65.0	63.2	-13.9	-2.8
Other smoked pork	0434	12/88	100.4	90.3	90.1	( <sup>2</sup> )	-2.
Boiled ham, barbecued pork, and other cooked pork	0435	12/88	100.4	99.2	104.8	( <sup>2</sup> )	5.6
Primal and fabricated cuts	0441	12/88	101.2	98.9	88.9	( <sup>2</sup> )	-10.1
Variety meats (edible organs)	0443	12/88	111.6	105.3	108.5	( <sup>2</sup> )	3.0
Other meats	05		123.2	107.5	119.0	( <sup>2</sup> )	10.7
Fresh sausage, pork sausage, breakfast links, etc.	0571	12/88	101.1	102.2	102.2	.7	0
Dry and semidry sausage	0572	12/88	101.8	104.0	103.6	( <sup>2</sup> )	-4.
Frankfurters and wieners	0573	12/88	100.5	100.7	100.6	( <sup>2</sup> )	-1.
Other sausage, smoked and cooked	0574	12/88	101.6	103.3	102.9	( <sup>2</sup> )	-4.
Other canned meats	0579	12/88	101.1	101.3	101.9	( <sup>2</sup> )	.6
Frozen ground meat patties	0581	12/88	99.5	99.6	99.3	( <sup>2</sup> )	-1.3
Frozen portion control, other than meat patties	0582	12/88	101.1	104.8	103.1	( <sup>2</sup> )	-1.6
Miscellaneous processed, frozen, or cooked meats	0583	12/88	100.0	102.1	102.4	( <sup>2</sup> )	.3
Processed poultry	0222						
Young chicken	03		116.3	125.1	132.2	25.2	5.7
Whole broilers, wet ice, grade A, bulk	0316		117.9	125.8	136.5	25.6	8.5
Other wet ice pack bulk broilers	0317		120.6	128.0	141.9	29.4	10.9
Tray pack broilers	0319		116.2	126.2	132.6	19.1	5.1
Frozen broilers	0321		113.1	120.8	131.4	27.7	8.8
Mature chicken: hens/fowl	05		115.6	120.6	127.6	17.2	5.8
Turkeys	06		123.5	127.4	122.9	33.4	-3.5
Turkeys	06		99.4	117.5	116.8	39.9	-6

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Processed poultry--Continued .....	0222						
Whole young hens, grade A, frozen .....	0602		93.8	109.3	112.6	47.2	3.0
Whole young toms, grade A frozen .....	0603		91.5	113.2	118.4	47.0	2.8
Other young turkey .....	0604		106.7	119.3	117.9	27.5	-1.2
Further processed poultry/small game .....	08		120.5	125.7	127.6	15.6	1.5
Turkey, cooked or smoked .....	0804		117.3	123.5	122.8	15.1	-6
Chicken, cooked or smoked .....	0805		117.3	121.8	125.5	15.9	3.0
Unprocessed and packaged fish .....	0223		151.6	158.3	157.5	4.4	-5
Unprocessed fin fish .....	01		178.1	211.1	210.8	16.4	-1
Haddock .....	0101		263.0	225.1	220.2	1.1	-2.2
Halibut .....	0102		110.9	121.7	121.7	-2.2	0
Salmon .....	0103		134.5	165.1	165.1	19.0	0
Fresh packaged fish and seafood .....	02		176.8	177.5	173.4	.6	-2.3
Frozen packaged fish and seafood .....	03		123.1	123.9	123.3	-1.3	-5
Frozen packaged fish, excluding shellfish .....	0311	12/82	128.1	128.0	126.2	-2.6	-1.4
Frozen packaged shellfish and other seafood .....	0313	12/82	103.0	104.2	104.7	.1	.5
Canned and cured seafood .....	04		110.7	110.4	110.7	7.4	.3
Dairy products .....	023		107.1	105.5	105.7	5.6	.2
Fluid milk products .....	0231		111.3	111.0	110.7	5.7	-3
Packaged fluid milk and related products .....	03	12/82	110.1	109.7	109.3	5.8	-4
Fluid whole milk .....	0301		110.7	110.1	109.7	5.7	-4
Lowfat milk (1/2-2%) .....	0302	12/82	109.9	109.6	109.1	7.3	-5
Skim milk .....	0303	12/82	116.7	116.6	116.7	5.0	.1
Cream: light, heavy, sour, half & half, and whipped .....	0304	12/82	107.5	108.1	108.1	1.7	0
Cottage cheese .....	04						
Cottage cheese .....	0401	12/82	114.9	114.3	114.4	7.3	.1
Other milk products .....	05						
Other milk products .....	0501	12/82	111.1	112.2	112.7	4.5	.4
Butter .....	0232		89.1	88.5	88.5	-3	0
Natural, processed, and imitation cheese .....	0233		102.1	96.9	97.7	6.0	.8
Natural cheese, except cottage cheese .....	02		100.8	94.4	95.4	4.6	1.1
Processed cheese and related products .....	03		103.6	100.2	100.8	7.2	.6
Imitation cheese .....	04	06/88	124.4	124.4	124.4	( <sup>2</sup> )	0
Ice cream and frozen desserts .....	0234		113.2	114.3	114.7	4.5	.3
Ice cream and ices .....	0201	06/83	111.7	112.8	113.1	4.4	.3
Condensed and evaporated milk .....	0235		104.5	103.2	103.5	6.7	.3
Dry milk products .....	02						
Dry milk products .....	0201	12/83	97.9	93.0	93.6	5.5	.6
Liquid milk products .....	03	12/83	119.0	122.2	122.2	9.1	0
Canned milk products, consumer type ca .....	0301	12/83	121.9	128.0	128.0	8.5	0
Condensed and evaporated milk products .....	0303	12/83	105.7	99.0	99.0	12.4	0
Processed fruits and vegetables .....	024		119.0	119.1	119.9	7.3	.7
Canned fruits and juices .....	0241		122.5	122.0	122.0	1.8	0
Canned fruits .....	01		119.1	119.6	119.4	4.6	-2
Canned fruit juices .....	02		126.7	125.2	125.5	-1	.2
Frozen fruits, juices and ades .....	0242		126.7	119.6	122.3	-6.6	2.3
Frozen fruits .....	02		116.3	117.7	117.7	.9	0
Frozen blueberries .....	0206		128.7	138.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Frozen juices and ades .....	03		127.9	119.2	122.4	-7.8	2.7
Frozen orange juice .....	0301		136.4	125.4	130.6	-8.0	4.1
Frozen lemonade .....	0302		126.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Frozen grape juice .....	0303		101.4	100.6	105.2	.3	4.6
Grapefruit juice .....	0304		142.6	144.0	144.0	-10.8	0
Other frozen fruit and berry juice, concentrate .....	0311		113.9	107.3	106.5	-9.7	-7
Citrus pulp .....	0321		107.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Dried and dehydrated fruits .....	0243		101.1	102.9	102.3	3.0	-6
Prunes .....	0101		111.3	114.9	114.0	4.0	-8
Raisins .....	0102		89.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other dried and dehydrated fruit .....	0111	12/82	107.3	114.5	111.7	7.1	-2.4
Canned vegetables and juices .....	0244		118.7	119.4	119.7	16.0	.3
Canned vegetables, excl. hominy and mushrooms .....	0102	12/87	120.8	121.3	121.8	19.2	.4
Canned hominy and mushrooms .....	0105	12/87	118.9	124.0	124.0	21.1	0
Catsup and other tomato sauces .....	0127	12/87	111.5	111.5	111.7	12.8	.2
Canned vegetable juices .....	0139	12/87	107.8	113.2	113.3	12.4	.1
Frozen vegetables .....	0245		113.2	115.3	115.3	8.3	0
Frozen green peas .....	0101		( <sup>2</sup> )	119.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Frozen green beans .....	0103		125.7	128.0	128.1	21.5	.1
Frozen broccoli .....	0104		( <sup>2</sup> )	112.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Frozen Brussels sprouts .....	0105		96.9	96.9	96.9	4.0	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Frozen vegetables—Continued .....	0245						
Frozen French fried potatoes .....	0108		117.2	119.7	118.7	4.8	-0.8
Other frozen potato products .....	0109		101.3	100.6	102.8	10.1	2.2
Frozen cauliflower .....	0111		99.7	101.9	101.8	8.6	-1
Frozen succotash .....	0113		105.0	111.9	111.1	16.9	-7
Other frozen combinations .....	0115		94.8	96.3	96.3	.4	0
Frozen carrots .....	0116		119.5	119.7	122.2	10.6	2.1
Frozen sweet cut corn, yellow .....	0117		107.9	117.4	116.7	31.3	-6
Frozen sweet cob corn, yellow .....	0118		109.2	111.3	112.0	13.6	.6
Other frozen vegetables .....	0121		117.1	118.1	117.7	2.6	-3
Dried and dehydrated vegetables .....	0246		135.0	143.5	149.4	26.6	4.1
Potatoes, instant mashed .....	0101		173.2	188.0	200.5	41.5	6.6
Onions .....	0103	12/82	87.4	(?)	89.8	2.5	(?)
Other dried and dehydrated vegetables .....	0111	12/82	96.3	(?)	95.3	2.5	(?)
Sugar and confectionery .....	025		117.8	120.0	119.6	5.7	-3
Raw cane sugar .....	0252						
Raw cane sugar .....	0101		111.0	112.3	113.8	1.8	1.3
Refined sugar .....	0253		115.8	116.1	117.0	9.8	.8
Granulated sugar .....	03	06/82	116.4	116.4	117.4	8.0	.9
Consumer units and individual services .....	0301	06/82	119.1	119.8	119.8	8.3	0
Commercial units and bulk .....	0302	06/82	115.3	115.0	116.5	7.9	1.3
Liquid sugar or sugar syrup .....	06	06/82	117.8	119.0	119.1	17.0	.1
Confectionery materials .....	0254		94.5	101.1	99.1	16.0	-2.0
Chocolate coatings .....	0104	06/83	107.9	100.2	96.2	-5.4	-4.0
Other chocolate and cocoa products .....	0105	06/83	100.8	100.7	96.5	-3.4	-4.2
Corn sweeteners .....	0107	06/85	102.5	117.1	116.2	33.7	-8
Confectionery end products .....	0255		136.1	137.9	137.1	2.2	-6
Chewing gum .....	02						
Chewing gum .....	0201		134.1	134.1	134.1	0	0
Candy and nuts .....	03	06/83	119.5	120.3	120.0	1.6	-2
Chocolate and chocolate-type confectionery products .....	0301	06/83	117.2	117.8	117.2	-7	-5
Nonchocolate-type confectionery products .....	0302	06/83	119.4	120.0	120.0	5.6	0
Other confectionery products .....	0303	06/83	125.2	126.8	126.8	2.9	0
Sweetening syrups and molasses .....	04	12/85	125.4	144.8	137.0	18.2	-5.4
Beverages and beverage materials .....	026		116.5	119.4	119.5	4.7	.1
Alcoholic beverages .....	0261		112.2	115.5	116.5	4.4	.9
Malt beverages .....	01		114.3	118.1	118.6	3.8	.4
Bottled beer .....	0101		110.1	115.2	115.2	4.4	0
Canned beer .....	0103		116.9	119.8	120.8	3.4	.8
Barrels and kegs .....	0105	06/82	120.4	124.7	124.7	3.5	0
Other malt beverages .....	0107	06/82	101.0	103.4	103.6	3.2	.2
Distilled liquor, except brandy .....	02		111.5	114.1	117.0	6.3	2.5
Bottled liquor, except brandy .....	0215	06/83	109.0	111.6	114.4	5.1	2.5
Wines, brandy and brandy spirits .....	04	12/83	106.6	109.2	109.9	5.3	.6
Grape table wines .....	0431	12/83	104.1	104.8	105.5	2.1	.7
Other fruit and berry wines .....	0433	12/83	108.0	108.0	108.0	0	0
Dessert wines .....	0434		105.4	105.4	100.3	-7.6	-4.8
Sparkling wines .....	0435	12/83	104.4	104.9	104.9	-2.1	0
Soft drinks .....	0262		116.3	118.4	118.0	3.3	-3
Cola, excluding diet cola .....	01		119.7	121.3	120.9	2.7	-3
Cola, bottled, excluding diet cola .....	0106		123.8	123.8	123.7	1.7	-1
Cola, cans, excluding diet cola .....	0121		111.6	115.9	115.1	3.7	-7
Cola, bulk, excluding diet cola .....	0131		117.7	117.7	117.7	7.5	0
Other carbonated drinks .....	05		112.2	115.2	114.5	4.7	-6
Carbonated orange soda .....	0502		114.3	113.8	113.6	7.0	-2
Lemon, lime and lemon-lime .....	0503		115.6	117.6	116.2	3.9	-1.2
Root beer and sarsaparilla .....	0504		103.8	104.4	104.4	2.4	0
Ginger ale .....	0505		99.4	99.4	99.4	3.6	0
Other carbonated nondiet soda .....	0509		111.8	115.7	115.2	4.9	-4
Diet cola .....	0511		110.8	116.2	114.7	4.9	-1.3
Other carbonated diet soda .....	0519		120.8	123.6	124.0	4.6	.3
Noncarbonated soft drinks .....	06		117.3	117.9	118.1	-2	.2
Other noncarbonated fruit drinks and ades .....	0609		115.3	116.2	116.5	-2	.3
Packaged beverage materials .....	0263		116.1	119.2	119.8	3.7	.5
Coffee (whole bean, ground, & instant) .....	01		114.4	119.1	119.0	3.7	-1
Soluble (instant) coffee .....	0103		113.8	117.9	117.9	2.8	0
Ground roasted and whole bean coffee .....	0104	06/88	99.6	103.8	103.8	(?)	0
Tea .....	03		121.6	121.6	121.6	-2	0
Tea, in consumer packages .....	0313	12/85	103.1	103.1	103.1	-2	0
Other beverage materials .....	0264		125.5	128.8	126.9	14.5	-1.5

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Other beverage materials—Continued .....	0264						
Malt and malt byproducts .....	0101		112.1	115.6	115.6	52.7	0
Liquid beverage bases, not used for soft drinks .....	0109	12/85	108.8	108.9	108.9	2.3	0
Liquid beverage bases, used for soft drinks .....	0111	12/85	120.3	124.8	121.6	12.2	-2.6
Flavoring syrups for fountain, ice cream, home bev. ....	0113	12/85	109.2	109.2	109.3	1.3	.1
Fats and oils .....	027		114.1	113.9	117.2	2.8	2.9
Animal fats and oils .....	0271		98.7	94.4	97.2	5.8	3.0
Lard .....	0109	12/88	104.4	100.2	106.0	( <sup>2</sup> )	5.8
Edible tallow and stearin .....	0113	12/88	106.2	101.0	98.1	( <sup>2</sup> )	-2.9
Crude vegetable oils .....	0272		108.9	107.4	114.7	.5	6.8
Crude soybean oil .....	0102	12/87	117.6	116.2	125.1	.2	7.7
Cottonseed oil, crude .....	0111		125.7	123.3	121.4	-1.8	-1.5
Vegetable oils, refined .....	0275	06/85	72.1	71.3	74.5	6.9	4.5
Cottonseed oil, refined .....	0101	06/85	67.1	64.5	67.9	2.1	5.3
Shortening and cooking oil .....	0276		117.2	117.9	119.3	2.8	1.2
Shortening, consumer sizes .....	0101		98.2	98.1	97.5	3.3	-6
Shortening, animal or veg/animal, commercial .....	0103		108.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Shortening, 100% vegetable, commercial .....	0105		131.6	133.6	138.0	.8	3.3
Hydrogenated oils, other than baking .....	0107		111.9	106.7	107.6	1.5	.8
Margarine .....	0109		120.7	122.3	124.2	5.3	1.6
Salad and cooking oils .....	0111		118.5	119.4	120.0	2.6	.5
Miscellaneous processed foods .....	028		126.2	129.3	129.5	6.6	.2
Jams, jellies, and preserves .....	0281		112.2	111.3	116.7	5.2	4.9
Pickles and pickle products .....	0282		129.0	129.9	127.3	3.7	-2.0
Processed eggs .....	0283		99.6	116.7	118.9	58.1	1.9
Frozen or liquid whole eggs .....	0101		98.2	117.3	113.3	44.7	-3.4
Dried whole eggs .....	0102		97.4	108.8	105.1	46.8	-3.4
Canned specialties .....	0284		122.7	127.1	128.4	6.7	1.0
Canned dry beans .....	0102	12/82	122.3	123.8	123.8	8.7	0
Canned specialty foods .....	0103	12/82	110.6	112.6	111.4	0	-1.1
Canned soups .....	0104	12/82	130.9	139.4	143.9	10.1	3.2
Frozen specialties .....	0285		125.1	125.1	127.3	4.4	1.8
Frozen pies and other baked goods .....	0109	12/82	126.1	130.0	130.2	5.2	.2
Frozen dinners, meat pies, ethnic foods .....	0111	12/82	128.9	126.5	130.5	4.3	3.2
Other frozen specialties .....	0113	12/82	112.8	114.5	114.0	3.4	-4
Meat sauces .....	0286		138.6	140.5	138.6	13.6	-1.4
Other miscellaneous processed foods .....	0289		129.8	133.6	133.0	6.5	-4
Mayonnaise, salad dressings, and sandwich spreads .....	0102	12/86	112.9	113.1	113.4	6.3	.3
Flavoring extracts, emulsions & other liquid flavors .....	0151	12/85	101.8	101.8	101.8	.8	0
Miscellaneous flavoring powders and tablets .....	0153	12/85	106.1	108.7	109.0	5.5	.3
Fruit, crushed or whole for fountain & ice cream use .....	0155	12/85	114.2	114.1	114.7	-3	.5
Food colorings .....	0157	12/85	90.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Manufactured ice .....	0161	12/85	103.4	104.8	105.1	2.6	.3
Chips (potato, corn, etc.) .....	0172	12/85	105.9	112.0	109.3	9.4	-2.4
Cider and vinegar .....	0174	12/85	107.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other food preparations .....	0175	12/85	111.7	114.9	115.2	5.3	.3
Prepared animal feeds .....	029		124.3	119.1	118.0	10.2	-9
Grain by-product feeds .....	0291		108.1	105.9	104.7	30.7	-1.1
Wheat mill feed .....	0103	06/83	112.1	108.3	102.1	42.0	-5.7
Gluten feed, corn .....	0107		105.8	100.6	96.6	-2.7	-4.0
Vegetable cake and meal feeds .....	0292		124.5	110.8	108.8	4.1	-1.8
Cottonseed cake and meal .....	0101		130.8	124.3	108.1	23.8	-13.0
Soybean meal .....	0111		123.5	109.1	107.8	2.7	-1.2
Corn gluten meal .....	0113	06/85	168.8	172.5	178.0	3.6	3.2
Formula feeds .....	0293		125.4	120.5	119.7	11.9	-7
Poultry feeds: egg-type, broiler and turkey .....	0102	12/86	141.7	133.6	134.1	12.6	.4
Dairy cattle feeds, complete .....	0104	12/86	128.1	127.9	124.3	17.4	-2.8
Dairy cattle feeds, supplements and concentrates .....	0106	12/86	135.0	126.9	125.9	9.5	-8
Swine feeds, complete .....	0108	12/86	129.4	126.3	124.5	13.5	-1.4
Swine feeds, supplements and concentrates .....	0112	12/86	130.2	121.9	121.4	6.0	-4
Beef cattle feeds, complete .....	0114	12/86	131.1	130.5	129.4	9.2	-8
Beef cattle feeds, supplements and concentrates .....	0116	12/86	114.9	113.5	113.6	11.3	.1
Other poultry and livestock feeds .....	0118	12/86	124.9	123.5	122.0	7.9	-1.2

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Miscellaneous feedstuffs .....	0294		129.9	130.1	129.4	8.7	-0.5
Pet food .....	02		132.0	134.0	134.1	8.6	.1
Dog and cat food .....	0202	12/85	112.5	114.3	114.4	8.5	.1
Other pet and specialty feeds .....	0203	12/85	120.3	( <sup>2</sup> )	120.3	9.5	( <sup>2</sup> )
Other than pet food .....	03		124.7	120.4	117.1	9.3	-2.7
Meat meal and meat and bone meal .....	0301		135.0	128.8	122.0	4.0	-5.3
Dry rendered tankage .....	0303		128.4	120.3	114.8	-2	-4.6
Fish scrap and meal .....	0305		147.8	136.2	128.8	-3.8	-5.4
Grain, ground, rolled .....	0307		80.2	79.8	79.4	10.3	-5
Sugar beet pulp, all forms .....	0313	06/82	141.5	145.7	142.5	18.4	-2.2
Feed grade condensed and evaporated mi .....	0315	12/83	104.0	106.4	104.4	1.9	-1.9
Cottonseed hulls .....	0319	06/85	163.4	109.1	165.9	28.1	52.1
<b>Textile products and apparel .....</b>	<b>03</b>		<b>111.0</b>	<b>111.7</b>	<b>111.9</b>	<b>2.8</b>	<b>.2</b>
Synthetic fibers .....	031		100.6	104.0	104.7	7.9	.7
Unprocessed filament yarns .....	0315		103.5	107.7	107.8	7.3	.1
Cellulosic .....	01		127.5	127.5	128.1	8.6	.5
Non-cellulosic .....	02		98.9	103.3	103.4	7.2	.1
Nylon textile yarn, selected deniers .....	0214		97.5	101.6	102.2	8.3	.6
Polyester textile yarn, deniers 56-89; 145-179 .....	0221		81.3	94.2	93.9	16.1	-3
Fibrous glass yarn .....	0231		125.7	131.5	131.5	11.1	0
Unprocessed filament, ex. nylon, polyester and glass .....	0233	06/83	119.4	121.1	120.7	( <sup>2</sup> )	-3
Staple, tow, and fiberfill .....	0318		95.1	97.7	98.8	8.7	1.1
Cellulosic .....	01		115.7	120.9	125.9	22.1	4.1
Rayon staple and tow .....	0101		90.7	92.6	93.0	5.3	.4
Non-cellulosic .....	02		97.1	99.1	99.5	-1.8	.4
Nylon and aramid .....	0201		73.8	75.6	75.7	3.1	.1
Acrylic and modacrylic .....	0202		94.0	96.1	96.6	( <sup>2</sup> )	.5
Polyester .....	0203						
Processed yarns and threads .....	032		108.5	110.5	110.4	2.4	-.1
Yarns .....	0326		107.2	108.9	108.9	2.0	0
Cotton .....	01		97.9	99.7	99.3	-4.1	-.4
Gray combed cotton yarn .....	0102	12/82	106.9	107.1	108.1	-2.2	.9
Gray carded cotton yarn .....	0104	12/82	89.8	93.9	92.3	-9.2	-1.7
Interplant transfers of gray cotton yarn .....	0106	12/88	99.9	100.5	100.5	( <sup>2</sup> )	0
Finished cotton yarn .....	0107	12/82	116.1	117.3	117.1	5.2	-2
Wool .....	02		98.6	101.9	101.9	4.8	0
Gray spun wool yarn .....	0201	12/88	100.2	105.9	105.9	( <sup>2</sup> )	0
Synthetic .....	03		110.0	111.6	111.8	3.1	.2
Rayon and/or acetate yarn .....	0301	12/82	109.8	115.1	117.9	12.6	2.4
Acrylic and/or modacrylic yarn .....	0303	12/82	102.8	107.4	103.9	2.3	-3.3
Polyester spun yarn .....	0305	12/82	104.5	105.5	106.5	-2	.9
Interplant transfers of gray synthetic yarn .....	0306	12/88	96.3	96.3	96.3	( <sup>2</sup> )	0
Textured polyester filament yarn .....	0307	12/82	118.1	122.7	122.7	( <sup>2</sup> )	0
Textured nylon filament yarn .....	0309	12/82	108.9	109.5	108.3	.1	-1.1
Textured yarns except nylon and polyester .....	0311	06/83	118.8	120.7	121.8	( <sup>2</sup> )	.9
Other synthetic yarn .....	0313	06/83	107.9	107.9	107.7	1.0	-2
Covered elastic yarn .....	0315	06/84	114.1	115.4	115.4	7.5	0
Other throwing and winding mill products .....	04	12/88	102.3	101.4	101.5	( <sup>2</sup> )	.1
Rewound plied and novelty yarn, produced by others .....	0401	12/88	102.2	( <sup>2</sup> )	98.4	( <sup>2</sup> )	( <sup>2</sup> )
Thrown filament yarns, except textured .....	0402	12/88	102.4	102.6	102.6	( <sup>2</sup> )	0
Commission throwing/texturing filament yar .....	05	12/88	100.0	101.9	101.9	( <sup>2</sup> )	0
Threads .....	0327		124.1	130.2	128.7	8.0	-1.2
Cotton finished .....	01		129.2	139.6	133.3	9.8	-4.5
Synthetic and silk, finished .....	03		119.7	124.9	124.9	7.5	0
Synthetic and silk thread, home use .....	0335	06/84	111.3	114.4	114.4	( <sup>2</sup> )	0
Synthetic and silk thread, industrial use .....	0337	06/84	111.3	116.5	116.5	8.4	0
Unfinished thread .....	04	12/88	100.0	102.0	102.0	( <sup>2</sup> )	0
Gray fabrics .....	033		115.5	114.1	113.9	-.3	-2
Broadwovens .....	0337		116.5	114.6	114.4	-1.3	-2
Cotton .....	01		112.4	111.0	110.8	-4.6	-2
Sheeting .....	0103		90.6	87.1	86.8	-8.7	-3
Sateen .....	0113		126.1	112.7	112.7	-11.0	0
Twill weaves .....	0115		105.7	107.6	108.1	-1.0	.5
Other gray cotton .....	0123	06/87	( <sup>2</sup> )	109.0	108.8	-3.1	-2
Wool .....	02						
Wool broadwoven fabric .....	0201	06/85	112.3	112.7	112.6	2.6	-.1
Synthetic .....	03		114.3	112.3	112.1	-.1	-2
Filament rayon and/or acetate fabric .....	0301	06/87	118.5	120.3	120.2	10.3	-.1
Filament polyester fabric .....	0303	06/87	109.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Filament nylon fabric .....	0305	06/87	120.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Plain printcloth, spun polyester/cotton blend .....	0363		119.3	112.7	113.1	-7.1	.4
Twill weaves .....	0379	06/87	102.4	99.2	98.4	-9.5	-.8

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Broadwovens--Continued .....	0337						
Spun/filament yarn fabrics .....	0381	06/87	106.5	103.5	103.6	-0.5	0.1
Other gray fabrics .....	0383	06/87	109.3	105.2	105.5	-2.8	.3
Knits .....	0338		107.4	108.2	108.2	2.2	0
Circular knits, except hosiery .....	03						
Circular knits, except hosiery .....	0301		108.6	109.5	109.5	1.7	0
Warp knits, except hosiery .....	04						
Warp knits, except hosiery .....	0401		106.0	106.7	106.7	2.8	0
Other fabrics .....	0339						
Tire cord fabric .....	0101	06/84	107.8	107.9	107.9	7.7	0
Finished fabrics .....	034		111.7	113.0	113.5	3.8	.4
Broadwovens .....	0342		112.8	114.0	114.2	3.4	.2
Cotton .....	01		102.5	103.1	103.8	.2	.7
Corduroy .....	0106	06/87	110.8	112.4	113.3	3.8	.8
Twill, excluding denim .....	0112	06/87	107.3	107.1	107.3	2.9	.2
Broadcloth .....	0115	06/87	101.1	102.1	102.8	.9	.7
Blue indigo denim .....	0117	06/87	98.0	96.1	99.3	-9.3	3.3
Other finished fabrics .....	0119	06/87	105.7	108.3	108.2	2.6	-1
Wool .....	02		126.4	129.0	128.4	10.7	-5
Apparel fabrics .....	0203	06/85	116.0	118.5	117.9	11.8	-5
Non-apparel fabrics and felts .....	0207	06/85	119.7	121.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Synthetic .....	03		115.8	116.9	117.1	3.2	.2
Filament polyester fabric .....	0301	06/87	109.2	110.6	110.8	3.7	.2
Other filament fabrics .....	0303	06/87	105.0	106.9	107.0	4.9	.1
Broadcloth .....	0305	06/87	108.0	108.1	108.1	1.3	0
Twill weaves .....	0307	06/87	104.5	103.9	102.9	-5	-1.0
Spun/filament yarn fabric .....	0309	06/87	103.4	102.9	103.1	.1	.2
Other finished fabric .....	0311	06/87	107.6	108.7	109.4	3.2	.6
Knits .....	0343		105.4	106.3	106.5	2.0	.2
Circular knit outerwear fabric .....	04		103.1	102.6	102.7	-.9	.1
Single knit .....	0403		106.9	106.7	106.7	-.2	0
Double and rib knit .....	0413		103.6	102.1	102.4	-3.3	.3
Other circular knit fabric .....	05		112.2	113.7	114.1	.7	.4
Underwear and nightwear fabric .....	0501		120.6	124.9	126.4	.6	1.2
High pile fabric .....	0503		111.5	111.1	111.1	.8	0
All other circular knit fabrics .....	0505		106.6	107.3	107.3	.8	0
Warp knit outerwear fabric .....	06		111.0	116.3	117.3	9.7	.9
Warp knit underwear and nightwear fabric .....	07						
Warp knit underwear and nightwear fabric .....	0703		106.9	108.8	108.8	4.0	0
Other warp knit fabric .....	08		108.5	109.4	109.5	6.1	.1
Narrow fabrics .....	0344		105.0	107.3	106.5	4.6	-.7
Woven narrow fabric .....	0202	06/84	102.4	104.1	103.1	3.5	-1.0
Braided narrow fabric .....	0203	06/84	114.6	119.5	119.5	8.8	0
Nonwovens and felt goods .....	0345		122.7	125.0	128.6	7.8	2.9
Nonwoven fabrics .....	0321		121.9	124.5	128.8	9.2	3.5
Pressed wool felt .....	0331	12/85	136.7	136.7	137.5	4.8	.6
Punched or needled felt .....	0332	12/85	105.7	106.6	106.8	-.8	.2
Coated fabrics, not rubberized .....	0346	06/85	107.9	108.6	108.7	2.6	.1
Vinyl coated or laminated fabric .....	0102	06/85	107.2	108.1	108.1	1.8	0
Polyurethane and other coated or laminated fabric .....	0103	06/85	109.1	109.7	109.9	4.1	.2
Embroideries and lace goods .....	0347	06/85	115.1	116.4	116.7	4.6	.3
Embroideries .....	01	06/85	114.7	116.1	116.4	4.5	.3
Schiffli machine embroideries .....	0105	06/85	123.6	127.6	127.4	3.9	-.2
Other embroideries and needlework on fabric .....	0106	12/85	111.7	112.2	112.6	4.5	.4
Lace goods .....	02	12/85	117.1	118.2	118.2	7.3	0
Apparel & other fabricated textile prods .....	038		112.1	112.5	112.6	2.5	.1
Apparel .....	0381		113.7	114.0	114.2	2.9	.2
Women's .....	01		113.2	113.5	113.6	2.9	.1
Skirts, including uniforms .....	0122		120.1	112.6	117.1	-.3	4.0
All other outerwear, n.e.c. ....	0143	06/83	106.2	106.4	106.4	1.0	0
Sweaters, jackets, and jerseys .....	0144	12/84	107.0	110.9	111.0	4.0	.1
Suits .....	0146	12/84	111.6	111.6	104.5	-.2	-6.4
Slacks, jeans, and dungarees .....	0151	12/84	99.6	99.6	98.6	-.7	-1.0
Blouses, waists & shirts exc. knit sport & sweat .....	0152		138.4	138.1	138.1	3.8	0
Knit outerwear sportshirts, incl. sweatshirts .....	0153		133.0	133.0	133.0	1.7	0
Separate tailored suit-type jackets, incl. uniforms .....	0162		103.9	111.2	110.9	5.9	-.3
Tailored coats, ex. fur, all leather & raincoats .....	0163		89.9	93.8	93.4	1.7	-.4
Leather coats and jackets .....	0166	12/85	112.2	112.2	117.0	6.3	4.3
Raincoats and other waterproof outer garments .....	0167		124.5	124.5	127.6	2.5	2.5
Finished full-fashioned hosiery .....	0168	06/84	100.0	100.0	100.0	0	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Apparel—Continued .....	0381						
Finished seamless and simulated seamed hosiery .....	0169	06/84	104.4	104.8	105.1	2.4	0.3
Unfinished seamless and simulated seamed hosiery .....	0171	06/84	105.2	105.3	106.3	1.2	.9
Brassieres .....	0174		118.3	119.3	116.7	2.1	-2.2
Girdles, corsets, combinations and accessories .....	0175		127.7	128.9	128.9	4.1	0
Panties .....	0176		116.3	117.2	117.4	1.4	.2
Slips, half slips, and petticoats .....	0177		110.5	110.5	110.5	1.4	0
Nightwear .....	0178		109.6	110.0	110.3	1.4	.3
Ladies' robes, dressing gowns and housecoats .....	0179		103.9	103.9	104.8	2.8	.9
Underwear, except slips and panties .....	0181	06/83	( <sup>2</sup> )	120.9	122.7	( <sup>2</sup> )	1.5
Bathing suits .....	0182		131.1	131.4	117.5	7.1	-10.6
Washable service apparel .....	0188		111.2	112.5	112.5	8.3	0
Men's and boys' .....	02		115.0	115.7	115.8	3.2	.1
Men's business & other suits, regular & light weight .....	0206		122.6	122.9	122.8	6.9	-1
Men's & boys' dress, sport, & uniform trousers .....	0215		112.0	112.6	113.4	4.3	.7
Men's & boys' denim jeans & casual slacks .....	0217		116.0	116.8	116.6	1.2	-2
Men's & boys' jeans & jean-cut casual slacks, oth fa .....	0219		103.9	104.0	104.1	-2	.1
Men's and boys' work clothing .....	0221		107.4	109.7	109.2	2.9	-5
Men's and boys' work shirts .....	0228	06/83	113.9	115.6	115.6	5.6	0
Men's sport coats & jackets, business type & other .....	0256		122.1	122.2	122.1	5.3	-1
Men's/boys' sweaters, jackets, and jerseys .....	0258	12/84	109.7	110.8	110.5	3.8	-3
Men's & boys' raincoats & other waterproof outergar. ....	0266	06/85	107.8	108.9	110.2	2.9	1.2
Men's and boys' leather coats and jackets .....	0267	12/85	124.1	127.0	127.0	2.9	0
Men's finished hosiery .....	0272		114.0	115.0	115.0	2.0	0
Men's unfinished hosiery .....	0273	06/84	103.8	104.6	101.3	-2.4	-3.2
Men's and boys' knit undershirts .....	0274		116.1	116.1	116.1	3.4	0
Men's and boys' knit shorts and briefs .....	0275		108.4	109.2	109.4	1.5	.2
Men's and boys' robes and dressing gowns .....	0279	06/85	103.9	108.8	108.8	4.7	0
Men's/boys' swimwear, athletic shorts & oth. outerwr .....	0281	12/84	112.8	114.1	114.2	1.1	.1
Men's and boy's neckwear .....	0282		116.6	116.8	116.8	3.7	0
Boys' dress and sport trousers .....	0292		99.2	99.2	99.2	3.5	0
Men's/boys' shirts, excl. sport & sweatshirts .....	0296	12/84	119.0	119.3	119.3	6.4	0
Men's/boys' woven sportshirts .....	0297	12/84	103.6	104.6	104.3	2.2	-3
Men's/boys' knit sportshirts incl. sweatshirts .....	0298	06/83	104.3	104.6	105.5	3.1	.9
Girls', children's and infants' .....	03		110.7	109.6	110.1	2.8	.5
Dresses/blouses/shirts, ex. knit sport & sweatshirts .....	0349	12/84	109.5	110.6	111.0	2.9	.4
Knit sport and sweatshirts .....	0351	12/84	111.0	107.4	109.8	9.4	2.2
Coats, coat and legging, and snowpant sets .....	0352	12/84	( <sup>2</sup> )	105.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other outerwear, n.e.c. ....	0355	12/84	98.6	95.8	95.8	-1.9	0
Infants' and children's ankle hosiery .....	0363	06/84	106.8	106.8	106.8	.8	0
Infants' and children's knee-high hosiery .....	0364		104.1	104.1	104.1	.2	0
Other infants' and children's finished hosiery .....	0365	06/84	102.5	101.7	101.8	-5	.1
Underwear .....	0368	06/82	130.5	133.1	133.5	5.5	.3
Nightwear .....	0369	06/82	117.0	118.5	118.4	3.8	-1
Miscellaneous apparel and accessories .....	04	12/83	110.2	109.3	109.4	-1.0	.1
Fur products .....	0407	12/83	111.3	106.0	105.6	-13.1	-4
Millinery .....	0409	06/85	103.7	103.7	106.5	7.0	2.7
Hats and hat bodies, except cloth and millinery .....	0411	06/85	113.9	114.8	114.8	5.3	0
Cloth hats and caps .....	0412	06/85	109.1	109.3	109.3	4.6	0
Fabric workgloves and mittens .....	0419	06/85	107.8	108.2	108.2	1.2	0
Waterproof outergarments, n.e.c. ....	0421	06/85	116.0	117.5	116.9	3.1	-5
Belts, other than leather .....	0425	06/85	104.1	103.4	104.1	3.3	.7
Knit products, n.e.c. ....	0429	12/85	100.6	105.6	105.6	5.0	0
Apparel and accessories, n.e.c. ....	0441	12/85	106.1	106.8	106.8	2.5	0
Contract work on apparel .....	05	06/87	105.5	106.3	106.3	2.2	0
Contract work on apparel .....	0501	06/87	105.5	106.3	106.3	2.2	0
Textile housefurnishings .....	0382		105.1	105.8	105.9	1.4	.1
Bed clothes .....	01		105.5	106.0	106.2	1.2	.2
Bedsprads and bedsets .....	0102		107.2	107.5	107.2	.4	-3
Comforters .....	0136	06/87	89.7	87.8	88.0	( <sup>2</sup> )	.2
Blankets .....	0138	06/87	106.7	110.3	109.7	4.2	-5
Other textile housefurnishings .....	03	06/83	105.5	106.2	106.3	1.4	.1
Towels and washcloths .....	0303		103.3	104.0	103.9	1.5	-1
Draperies .....	0307		116.6	117.8	117.8	.7	0
Curtains, except lace .....	0308	06/84	108.4	108.5	108.6	1.4	.1
Other textile housefurnishings .....	0311	06/83	103.7	104.5	105.0	1.9	.5
Fabricated products, n.e.c. ....	0383		108.1	108.6	108.6	.4	0
Camping equipment .....	02		111.5	113.0	113.0	1.5	0
Camping tents .....	0212		117.6	118.6	118.6	2.0	0
Industrial and other fabricated products .....	03		108.2	108.7	108.7	.4	0
Men's/boys' suit, coat findings & hat, .....	0305	12/83	117.2	117.7	117.5	2.8	-2
Automotive trimmings .....	0308	12/83	105.7	105.7	105.7	3.4	0
Other trimmings and findings .....	0311	12/83	105.2	105.2	105.2	2.0	0
Hard fiber cordage and twine .....	0323	06/85	75.9	74.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Soft fiber cordage and twine, except cotton .....	0324	06/85	119.7	120.7	121.9	5.9	1.0
Tarpaulins and other covers .....	0332		122.2	125.8	121.7	3.0	-3.3
Textile bags .....	0341	12/85	105.4	106.3	106.3	2.2	0
Tents, other than camping tents .....	0343	12/85	102.7	102.7	104.3	3.8	1.6
Awnings .....	0344	12/85	122.6	123.1	123.1	5.4	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Fabricated products, n.e.c.—Continued .....	0383						
All other industrial and fabricated products .....	0351	12/85	97.0	97.5	97.5	-5.7	0
Miscellaneous textile products/services .....	039	06/85	109.3	109.4	109.7	4.5	.3
Textile materials n.e.c. & proc. textile .....	0391	06/85	112.9	112.9	113.2	5.7	.3
Textile fibers, yarns, and fabrics, n.e.c. ....	01	06/85	117.8	117.4	117.1	3.9	-3
Scouring and combing mill products, n.e.c. ....	0102	06/85	147.4	142.1	138.3	2.0	-2.7
Padding and upholstery filling .....	0104	12/85	104.1	105.6	107.4	6.4	1.7
Other non-fabricated products, n.e.c. ....	0109	06/85	104.7	106.8	107.1	2.2	.3
Textile waste .....	02	12/85	113.1	113.4	114.2	7.1	.7
Waste rags and textile waste .....	0202	12/86	109.0	109.0	109.0	7.3	0
Used wiping cloths .....	0203	12/86	99.6	99.6	99.6	0	0
Contract work on textile products .....	0392	06/87	103.6	103.8	104.1	1.7	.3
Commission finishing of broadwoven fabrics .....	0101	06/87	104.3	103.8	104.4	1.5	.6
Commission knitting of gray fabric .....	0103	06/87	102.5	103.2	103.6	1.8	.4
Comm. knitting/finishing or finishing only of knits .....	0105	06/87	103.5	104.1	104.1	1.9	0
<b>Hides, skins, leather, and related products .....</b>	<b>04</b>		<b>131.2</b>	<b>136.1</b>	<b>134.6</b>	<b>0</b>	<b>-1.1</b>
Hides and skins .....	041		181.2	222.2	207.8	( <sup>2</sup> )	-6.5
Cattle hides .....	0411		181.2	222.6	208.0	-11.3	-6.6
Other hides, skins, and pelts .....	0417	12/88	102.6	110.2	110.2	( <sup>2</sup> )	0
Leather .....	042		166.6	169.2	166.7	-5.5	-1.5
Finished cattlehide and kipside leather .....	0421		160.8	162.3	159.8	-4.9	-1.5
Sole leather .....	01		177.4	169.7	163.5	-7.3	-3.7
Heavy bends .....	0102		187.7	179.5	173.0	-7.3	-3.6
Upper leather, including patent .....	02		155.2	159.0	156.3	-6.1	-1.7
Dress and casual shoe .....	0201		158.1	158.8	156.4	-6.7	-1.5
Other grains except offal .....	03		167.0	165.5	164.2	-3.0	-8
Finished splits .....	04						
Finished splits .....	0401		166.8	174.2	174.2	.9	0
Finished sheep and lamb leather .....	0423		167.5	167.7	170.8	-1.4	1.8
Garment leather .....	0103		176.9	176.1	179.3	-2.0	1.8
Footwear .....	043		118.1	119.4	119.8	4.9	.3
Men's footwear .....	0431		124.1	125.5	125.2	6.2	-2
Men's leather upper footwear .....	01		125.4	127.0	126.3	5.3	-6
Dress and casual shoes .....	0113		125.2	126.8	125.0	4.1	-1.4
Boots .....	0115		117.3	117.4	117.4	6.6	0
Work shoes or boots .....	0117		131.0	133.5	133.9	5.9	.3
Houseslippers, except slipper socks .....	0118	06/85	129.7	138.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Men's non-leather upper footwear .....	03		112.2	112.4	114.5	14.3	1.9
Plastic upper footwear .....	0301		112.3	( <sup>2</sup> )	114.7	( <sup>2</sup> )	( <sup>2</sup> )
Men's other upper dress and casual shoes .....	0303	06/83	97.4	101.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Women's footwear .....	0432		113.4	114.1	114.0	2.8	-1
Women's leather upper footwear .....	01		114.2	115.1	115.1	3.2	0
Dress shoes .....	0101		112.6	112.8	112.8	2.1	0
Casual shoes .....	0103		123.9	125.9	125.9	5.4	0
House slippers, except slipper socks .....	0104	06/85	151.0	163.2	163.2	8.8	0
Sandals .....	0105		84.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Boots .....	0107		108.7	108.4	108.4	1.3	0
Women's plastic upper footwear .....	03		109.5	110.0	109.9	2.4	-1
Dress shoes .....	0301		103.1	103.2	103.0	-3	-2
Casual shoes .....	0303		109.6	110.6	110.6	4.9	0
Women's other non-leather upper footwear .....	04		125.9	126.3	126.3	2.0	0
Casual footwear .....	0403		104.3	( <sup>2</sup> )	103.3	1.2	( <sup>2</sup> )
House slippers, except slipper socks .....	0407	06/85	118.7	118.7	118.7	.9	0
Children's footwear (size 8 1/2 - 12) .....	0433		117.5	121.3	123.5	7.2	1.8
Children's leather upper footwear .....	0141		121.8	126.4	129.0	6.8	2.1
Misses' footwear (size 12 1/2 - 2 1/2) .....	0434		113.8	113.8	119.7	6.1	5.2
Misses' leather upper footwear .....	0147		114.1	114.1	123.5	8.2	8.2
Youths', boys' ftwear. (size 12 1/2-6) .....	0435		115.2	115.2	115.2	3.0	0
Infants', babies' ftwear. (size 1-8) .....	0436		119.0	121.5	121.5	2.9	0
Infants' and babies' leather upper footwear .....	0159		121.8	125.0	125.0	3.1	0
Infants' and babies' non-leather upper footwear .....	0161		117.6	117.6	117.6	( <sup>2</sup> )	0
Athletic footwear .....	0437		110.1	116.2	123.1	11.8	5.9

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Other footwear .....	0438						
Other leather and related products .....	044		121.4	122.7	122.7	3.8	0
Luggage and small leather goods .....	0441		120.5	121.5	121.5	4.2	0
Hand luggage .....	0112	12/84	103.4	104.6	104.6	6.3	0
Luggage other than hand luggage .....	0113	12/84	114.8	117.4	118.0	5.6	.5
Women's & children's handbags & purses .....	0128	06/82	122.7	122.3	122.3	1.8	0
Other personal leather goods .....	0132	06/82	123.1	124.3	123.8	4.7	-4
Gloves .....	0442		116.6	118.1	118.1	4.2	0
All leather dress & semidress gloves and mittens .....	0103	06/85	116.5	117.3	117.3	4.6	0
All leather work gloves and mittens .....	0104	06/85	114.4	116.1	116.0	4.0	-1
Industrial leather .....	0443		134.5	136.5	136.6	1.6	.1
Industrial leather belting/other industrial products .....	0103	06/85	131.4	133.4	133.4	1.5	0
Footwear cut stock .....	0444		134.9	135.3	135.5	2.9	.1
Boot and shoe cut stock and findings .....	0102	12/84	117.4	117.7	117.9	2.9	.2
Leather/leather-like goods, n.e.c. ....	0445		107.2	109.4	109.5	3.6	.1
Leather/leather-like goods, other than belts .....	0101	06/85	107.5	108.2	108.1	2.9	-1
Leather belts .....	0111	06/85	107.0	110.7	111.0	4.4	.3
<b>Fuels and related products and power .....</b>	<b>05</b>		<b>68.1</b>	<b>74.1</b>	<b>76.1</b>	<b>11.3</b>	<b>2.7</b>
Coal .....	051		94.1	94.2	94.8	-4	.6
Anthracite .....	0511		103.3	103.1	103.0	2.8	-1
Prepared anthracite shipped .....	01		101.2	100.9	100.8	3.5	-1
Bituminous coal .....	0512		94.1	94.1	94.7	-4	.6
Spot sales of prepared bituminous coal .....	02		92.4	89.3	89.6	-4.6	.3
Steam electric utilities .....	0209		94.7	91.0	91.2	-5.4	.2
Metallurgical/coke producers .....	0212		85.9	84.8	84.8	.1	0
All other industrial users .....	0215	06/83	88.0	86.6	88.3	-1.7	2.0
Contract sales of prepared bituminous coal .....	03		96.0	95.7	96.6	-1	.9
Steam electric utilities .....	0301		99.5	99.3	100.4	-3	1.1
Metallurgical/coke producers .....	0303		81.2	83.3	82.9	4.1	-5
All other industrial users .....	0306		95.0	92.4	92.8	-1.5	.4
Prepared bituminous coal, resid./comm. use .....	05	12/86	79.8	79.8	79.8	3.4	0
Prepared bituminous coal for export .....	06	12/86	88.0	87.9	88.4	2.4	.6
Prepared bituminous coal, intracomp. trans .....	07	12/86	90.8	93.9	93.8	.5	-1
Unprepared coal .....	08		96.0	95.8	96.1	-3.6	.3
Coke oven products .....	052		88.8	88.6	91.0	7.1	2.7
Coke .....	0522						
Coke .....	0101		85.6	86.2	89.0	10.3	3.2
Other coke furnace products .....	0198	12/86	113.1	108.1	108.5	-5.2	.4
Gas fuels .....	053		75.2	74.9	77.7	7.9	3.7
Natural gas <sup>3</sup> .....	0531		82.6	81.6	84.4	9.0	3.4
Interstate .....	0102		81.8	81.9	85.0	11.3	3.8
Intrastate .....	0103		95.0	90.6	92.9	3.5	2.5
Liquefied petroleum gas .....	0532		49.8	52.8	55.8	.9	5.7
Propane .....	0104		48.2	48.4	50.5	-9.0	4.3
Butane .....	0105		41.3	39.1	38.5	-23.9	-1.5
Ethane .....	0106		65.4	54.5	51.6	7.9	-5.3
Other natural gas liquids .....	0107	06/84	49.2	60.7	68.2	19.6	12.4
Electric power .....	054		110.6	111.3	112.6	4.6	1.2
Commercial power, 40 kw demand .....	0542		108.9	109.7	111.3	5.0	1.5
New England .....	1101		96.3	99.5	99.4	7.3	-1
Mid-Atlantic .....	1204		96.9	99.3	99.9	6.4	.6
East North Central .....	1307		109.6	110.6	110.9	4.0	.3
West North Central .....	1411		125.0	126.2	126.5	1.9	.2
South Atlantic .....	1514		116.1	117.0	117.2	-6	.2
East South Central .....	1617		117.2	118.1	117.7	4.6	-3
West South Central .....	1721		103.1	102.2	100.3	-2.9	-1.9
Mountain .....	1824		107.8	107.4	108.8	2.0	1.3
Pacific .....	1927		118.7	117.6	128.0	18.8	8.8
Industrial power, 500 kw demand .....	0543		112.0	112.5	113.6	4.3	1.0
New England .....	1101		97.5	100.8	99.5	7.6	-1.3
Mid-Atlantic .....	1204		110.5	111.9	113.6	6.9	1.5
East North Central .....	1307		113.2	113.5	113.7	1.6	.2
West North Central .....	1411		128.2	129.2	129.8	1.2	.5

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Industrial power, 500 kw demand—Continued .....	0543						
South Atlantic .....	1514		111.8	114.1	114.4	2.1	0.3
East South Central .....	1617		123.6	124.0	123.5	4.5	-4
West South Central .....	1721		105.4	104.6	100.8	-2.3	-3.6
Mountain .....	1824		108.3	108.4	109.6	1.3	1.1
Pacific .....	1927		106.3	104.9	116.0	19.7	10.6
Crude petroleum (domestic production) .....	0561		49.7	58.6	59.8	16.1	2.0
Petroleum products, refined .....	057		54.4	64.9	67.7	20.0	4.3
Gasoline .....	0571		55.4	70.6	76.9	29.0	8.9
Leaded regular motor gasoline .....	02		55.3	74.5	80.1	31.5	7.5
Sales to jobbers, retailers and other resellers .....	0202		55.2	74.2	79.8	31.5	7.5
Sales to end users .....	0203		61.1	86.0	90.6	32.8	5.3
Premium grade motor gasolines .....	03		63.4	75.7	82.8	27.0	9.4
Sales to jobbers, retailers and other resellers .....	0302		62.0	74.0	81.0	27.0	9.5
Sales to end users .....	0303		63.0	80.3	85.5	25.6	6.5
Unleaded regular gasoline .....	04		53.2	68.5	75.0	29.5	9.5
Sales to jobbers, retailers and other resellers .....	0402		52.8	67.9	74.4	29.4	9.6
Sales to end users .....	0403		52.5	70.3	76.8	30.8	9.2
Kerosene and jet fuels .....	0572		54.6	58.3	58.3	8.6	0
Kerosene .....	02						
Kerosene .....	0201		54.8	56.1	53.0	4.1	-5.5
Jet fuels .....	03		54.5	58.5	59.0	9.1	.9
Kerosene-type .....	0301		57.0	60.5	60.4	9.8	-2
Naphtha-type .....	0303	06/85	55.8	63.3	66.3	5.9	4.7
Light fuel oils .....	0573		54.9	61.5	57.5	5.9	-6.5
Fuel oil no. 2 .....	02						
Fuel oil no.2 to resellers .....	0201		56.2	60.0	56.8	4.2	-5.3
#2 diesel fuel .....	03		54.2	62.9	58.0	6.4	-7.8
Other light fuel oils .....	04						
Other light fuel oils .....	0401	06/85	67.9	78.3	76.8	12.9	-1.9
Residual fuels .....	0574		42.1	47.3	49.4	16.0	4.4
Sales to resellers .....	07	06/85	59.0	65.5	67.0	16.7	2.3
Containing < 1% sulfur .....	0701		46.2	49.1	42.8	1.9	-12.8
Containing > 1% sulfur .....	0702		46.8	53.3	58.9	24.5	10.5
Sales to end users .....	08						
Sales to end users .....	0801	06/85	53.3	60.4	64.1	15.5	6.1
Finished lubricants .....	0576		107.2	107.4	106.8	2.5	-6
Lubricating grease .....	03		104.1	104.6	106.3	4.0	1.6
Lubricating grease .....	0303	06/85	101.8	102.3	103.9	3.9	1.6
Lubricating and similar oils .....	04						
Lubricating and similar oils .....	0401	06/85	100.6	100.7	99.9	2.4	-8
Petroleum and coal products, n.e.c. ....	058	12/84	59.1	65.8	63.8	-8.3	-3.0
Petroleum and coal products, n.e.c. ....	0581						
Petroleum coke .....	0111	06/85	50.3	53.3	46.6	-5.5	-12.6
Asphalt (liquid) .....	0112	06/85	49.6	56.9	55.7	-19.7	-2.1
Other petroleum and coal products .....	0119	12/84	107.2	115.8	115.8	27.3	0
<b>Chemicals and allied products</b> .....	<b>06</b>		<b>123.7</b>	<b>125.1</b>	<b>125.0</b>	<b>9.1</b>	<b>-1</b>
Industrial chemicals .....	061		117.2	117.8	118.1	13.2	.3
Basic inorganic chemicals <sup>4</sup> .....	0613		106.9	107.7	107.9	7.6	.2
Alkalies and chlorine .....	01		98.2	100.6	102.2	14.8	1.6
Chlorine liquid .....	0101		121.6	114.2	113.4	-10.4	-7
Natural sodium carbonate .....	0103		104.3	105.6	106.8	9.1	1.1
Sodium hydroxide, liquid (caustic soda) .....	0104		89.6	94.2	96.7	32.8	2.7
Other inorganic chemicals .....	02		109.6	109.9	109.8	6.0	-1
Aluminum hydroxide .....	0206	06/87	137.3	130.9	135.9	32.6	3.8
Lime,inc. quick, hydrated & dead burned dolomite .....	0213		98.3	98.8	98.8	1.2	0
Hydrochloric acid .....	0221		103.8	104.9	104.3	-12.6	-6
Sulfuric acid .....	0232	06/87	111.0	109.0	109.4	3.0	.4
Other inorganic acids .....	0242	12/82	107.2	106.6	106.6	9.9	0
Barite .....	0252	12/84	78.9	78.9	78.9	-1	0
Sodium tripolyphosphate (STPP) .....	0268	06/87	98.2	99.8	99.8	1.6	0
Rock salt .....	0271	12/84	111.0	113.3	105.3	1.5	-7.1
Sulfur .....	0272	12/84	96.5	96.5	96.5	10.9	0
Processed or refined potassium salts .....	0274	12/84	114.9	116.3	116.7	4.5	.3
Gypsum .....	0276	12/84	101.8	101.8	101.8	1.4	0
Other inorganic chemicals .....	0282	12/82	111.9	112.6	112.4	5.3	-2
Basic organic chemicals <sup>4</sup> .....	0614		120.2	120.8	121.1	15.3	.2
Primary .....	01		121.7	117.8	116.8	26.4	-8

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Basic organic chemicals—Continued	0614						
Benzene	0101		130.6	115.7	114.7	39.0	-0.9
Ethylene	0121		183.2	183.0	178.7	21.1	-2.3
Propylene, chemical grade	0131		90.4	91.7	95.2	22.8	3.8
Toluene	0141		128.9	122.7	123.7	49.2	.8
Intermediate	02		123.9	127.5	126.0	12.2	-1.2
Acetone	0202	06/87	99.2	96.4	(?)	(?)	(?)
Ethylene oxide	0221		231.1	279.6	279.6	(?)	0
Formaldehyde	0231		142.8	126.4	122.7	-9.2	-2.9
Other intermediate organic chemicals	0299	06/87	114.5	118.8	117.5	11.9	-1.1
Other basic organics	03		104.6	105.6	107.5	12.2	1.8
Acetic acid	0301		156.9	180.6	(?)	(?)	(?)
Ethanol (ethyl alcohol)	0341		99.3	(?)	(?)	(?)	(?)
Propylene glycol	0375		116.1	118.7	119.4	11.1	.6
Other basic organics	0399	06/87	119.0	119.4	121.8	11.7	2.0
Paints and allied products	062		119.7	122.2	123.2	10.5	.8
Prepared paint	0621		116.4	118.4	118.9	7.0	.4
Architectural coatings	01		123.8	125.5	126.0	8.6	.4
Interior water based paint	0101		128.9	130.4	131.1	12.0	.5
Interior solvent based paint	0131		126.5	127.0	126.9	8.0	-1
Exterior solvent based paint	0171	06/83	120.7	121.8	122.9	4.2	.9
Exterior water based paint	0181	06/83	111.1	114.3	114.5	7.7	.2
OEM finishes	02						
OEM finishes	0201	06/83	107.7	109.9	109.8	5.0	-1
Special purpose coatings	03						
Special purpose coatings	0301	06/83	113.1	115.4	117.0	6.7	1.4
Paint materials	0622		127.4	130.5	132.4	17.2	1.5
Paint resins	01		116.9	118.2	117.3	20.2	-8
Alkyd resins	0132	12/86	107.6	109.5	109.9	(?)	.4
Paint colors	02		134.1	135.4	136.5	9.4	.8
Iron oxide pigments	0206	06/83	126.5	127.8	127.8	3.7	0
Titanium pigments	0209		138.8	142.1	144.9	16.8	2.0
Colored lead pigments	0212	06/83	182.0	156.8	156.7	1.8	-1
Phthalocyanine blue (blue 15)	0216		121.6	131.9	131.9	10.0	0
All other organic pigments	0298	06/87	113.2	116.1	116.1	6.7	0
All other inorganic pigments	0299	06/83	124.5	120.9	120.8	1.3	-1
Paint solvents	03		99.7	94.9	98.1	38.4	3.4
Paint fillers	04		109.7	110.8	110.9	3.5	.1
Kaolin and ball clay	0407		126.8	128.0	128.1	3.6	.1
Talc, soapstone and pyrophyllite	0409		116.1	118.1	117.9	1.7	-2
Allied and miscellaneous paint products	0623	06/83	114.4	119.1	119.1	5.0	0
Thinners for dopes, lacquers & oleoresinous thinners	0112	12/88	100.0	109.1	109.1	(?)	0
Misc. related prod., inc putty, brush cleaners, etc.	0113	12/88	100.4	102.5	102.5	(?)	0
Drugs and pharmaceuticals	063		155.5	159.1	158.6	7.6	-3
Medicinal and botanical chemicals	0631		98.6	100.6	100.3	8.4	-3
Synthetic organic medicinal chemicals, bulk	0201	06/82	96.6	98.6	98.2	9.2	-4
Other medicinals and botanicals, bulk	0202	06/82	104.1	106.2	106.2	3.2	0
Preparations, ethical (prescription)	0635		177.4	182.2	182.5	8.5	.2
Systemic anti-infectives	01		137.4	139.2	138.9	4.8	-2
Cephalosporins	0111		165.1	165.1	153.8	-3.0	-6.8
Erythromycins	0113		115.4	115.4	(?)	(?)	(?)
Tetracyclines	0114		132.3	139.5	136.5	8.2	-2.2
Other broad and medium spectrum antibiotics	0119		113.4	113.2	114.4	5.9	1.1
Systemic penicillins	0129	06/87	106.6	105.4	116.9	10.5	10.9
Urinary antibacterials	0139		194.8	212.8	210.2	16.7	-1.2
Anti-arthritis	02		129.5	130.3	130.3	5.2	0
Sedatives	03		327.1	365.0	365.0	15.7	0
Cardiovascular therapy	06		196.8	200.0	196.9	6.6	-1.6
Antihypertensive drugs	0611		201.6	201.9	194.9	3.0	-3.5
Vasodilators	0612		168.5	175.8	175.8	12.5	0
Other cardiovasculars	0619		196.1	199.6	198.5	7.4	-6
Diabetes therapy	07		129.0	132.8	132.8	9.0	0
Hormones	08		124.4	133.2	154.3	11.6	15.8
Diuretics	09		168.1	176.4	176.3	12.5	-1
Dermatologicals	11		169.2	171.3	171.3	6.9	0
Fungicides	1111		167.8	171.6	171.6	7.6	0
Antipruritics	1112		191.5	196.2	196.2	13.6	0
Acne preparations	1113	12/87	108.8	108.8	108.8	8.5	0
Topical anti-infectives	1114	12/87	100.4	100.7	100.7	.4	0
Analgesics, internal	13		196.8	199.5	199.5	11.3	0
Narcotic analgesics	1312	12/87	120.0	120.7	120.7	20.7	0
Non-narcotic analgesics	1323		137.4	139.7	139.7	8.3	0
Cough and cold preparations	15		185.1	186.9	186.9	7.7	0
Nasal decongestants	1512	12/87	119.9	120.4	120.4	(?)	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Preparations, ethical (prescription)—Continued	0635						
Vitamins	16		161.2	168.8	168.8	15.0	0
Multivitamins	1611		181.9	192.6	192.6	16.4	0
Miscellaneous ethical preparations	99		221.1	229.8	226.7	10.5	-.5
Anticonvulsants	9914		212.1	221.1	221.1	5.7	0
Systemic antihistamines	9915		231.3	242.5	242.5	13.6	0
Bronchial therapy	9916		240.4	242.6	242.2	23.3	-2
Cancer therapy products	9917		249.3	259.9	259.9	9.2	0
CNS stimulants	9918		289.9	297.1	295.4	25.5	-6
Muscle relaxants	9922		197.1	198.1	198.1	13.0	0
Nutrients and supplements	9923		176.6	176.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Ophthalmic and otic preparations	9924		208.9	217.1	218.7	12.7	.7
Psychotherapeutics	9925		240.9	256.8	254.5	12.1	-.9
Other miscellaneous ethical preparations	9999		174.2	181.1	180.4	8.0	-.4
Preparations, proprietary (over counter)	0636		149.3	151.6	151.8	5.3	.1
Vitamins	01		123.1	121.9	122.4	1.4	.4
Adult multivitamins	0111		123.0	121.8	121.8	.5	0
B-complex	0112		125.1	118.4	118.4	-1.0	0
Cough and cold preparations	02		147.8	150.5	150.8	3.8	.2
Cough syrups, expectorants, drops, lozenges, etc.	0221		133.4	135.8	135.8	3.7	0
Cold tablets, capsules	0222		154.7	158.9	158.9	2.7	0
Decongestants	0223		176.3	180.2	180.2	4.3	0
Other cough and cold preparations	0229		151.0	151.5	152.7	4.9	.8
Laxatives	03		141.4	143.9	143.9	6.4	0
Analgesics, internal	04		173.5	179.2	179.2	8.0	0
Non-aspirin	0412		132.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
External analgesics and counterirritants	06		104.3	105.6	105.6	1.5	0
Antiseptics and antibacterials	07		129.1	135.2	135.2	4.7	0
Antacids	08		145.6	149.8	149.8	3.5	0
Dermatologicals	09		152.2	152.7	152.7	3.5	0
Acne preparations	0911		131.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Antipruritics	0915	12/87	105.5	105.5	105.5	1.2	0
Other dermatologicals	0919		170.6	171.7	171.7	5.7	0
Miscellaneous proprietary preparations	99		166.6	168.4	168.7	10.5	.2
Nutrients and supplements	9917	12/87	103.3	103.7	103.7	3.5	0
Other miscellaneous proprietary preparations	9999		171.3	173.8	173.8	14.0	0
Biological products	0637		134.8	135.5	135.4	2.7	-.1
Blood & derivatives, human use	11		113.2	113.4	113.3	8.4	-.1
Other blood derivatives	1104		112.4	112.7	112.6	9.0	-.1
Vaccines, toxoids, & antigens	12		162.9	162.9	162.9	-.8	0
Diagnostics & other biologicals	14		148.6	149.8	149.7	2.1	-.1
Diagnostic substances	1402		119.1	120.0	120.0	2.3	0
Allergenic products	1403		179.8	179.8	179.8	0	0
Biologicals for veterinary use	15		91.1	91.1	91.1	.8	0
Vaccines & viruses, vet. use	1514		91.1	91.1	91.1	1.0	0
Biological prod. for indus. & other uses	16	06/87	114.7	113.7	112.7	4.7	-.9
Fats and oils, inedible	064		103.2	99.7	96.9	-8.5	-2.8
Fats and oils, inedible	0641						
Fish and marine animal oil	0121		130.9	126.0	115.4	-18.0	-8.4
Tallow, incl. inedible animal stearin	0151		99.9	95.9	94.1	-8.1	-1.9
Grease, other than wool grease	0181	12/82	114.8	112.4	108.7	-6.4	-3.3
Agricultural chemicals and chemical prod	065		112.0	112.7	112.1	7.9	-.5
Mixed fertilizers	0651		108.4	108.8	108.1	2.7	-.6
Fertilizer materials	0652		110.8	109.7	108.1	10.6	-1.5
Nitrogenates	01		107.7	110.0	104.8	13.2	-4.7
Anhydrous ammonia	0105		111.6	111.5	104.0	11.6	-6.7
Solid & solution nitrate	0111		87.7	94.0	94.1	18.1	.1
Nitrogen solutions	0126		116.9	124.0	119.0	16.2	-4.0
Urea	0136		101.6	100.4	97.8	15.9	-2.6
Phosphates	02		112.1	108.1	109.7	8.4	1.5
Phosphate rock, processed	0259	12/82	82.8	86.7	88.1	8.2	1.6
Triple superphosphates	0263		119.6	116.0	110.1	-5.9	-5.1
Ammonium phosphates	0265		110.8	108.6	103.2	1.1	-5.0
Other agricultural chemicals	0653		111.2	113.9	114.6	6.7	.6
Nonhousehold insecticides	0101	06/82	118.9	119.8	120.2	3.0	.3
Nonhousehold herbicides	0102	06/82	104.4	108.2	109.2	10.1	.9
Nonhousehold fungicides	0103	06/82	97.2	97.8	98.0	6.1	.2
Other nonhousehold pesticides	0104	06/82	117.6	118.7	118.9	-5.6	.2
Household pesticides	0105	06/82	105.1	107.4	107.4	3.7	0
Plastic resins and materials	066		140.3	141.3	140.0	7.6	-.9
Thermoplastic resins	0662		144.5	144.3	143.2	7.1	-.8

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Thermoplastic resins—Continued .....	0662						
Polyester resins, saturated .....	02						
Polyester resins saturated .....	0201		148.9	152.1	150.9	15.3	-0.8
Low density polyethylene resins .....	03		195.1	194.0	192.2	14.9	-9
PE resin, low, film and sheeting .....	0301		202.0	204.6	200.8	17.2	-1.9
PE resin, low, for all other users, except LDPE .....	0303		164.5	165.2	164.3	11.5	-5
High density polyethylene resins .....	04		165.2	163.0	159.9	6.2	-1.9
PE resin, high, blow molding .....	0401		167.0	164.4	161.0	7.5	-2.1
PE resin, high, for all other users .....	0402	12/86	172.0	169.9	166.9	5.5	-1.8
Polypropylene resins .....	05		122.3	119.3	119.3	1.2	0
Polypropylene for injection molding .....	0501		126.3	124.2	124.2	.6	0
Polypropylene for fiber and filament .....	0502		134.1	128.8	128.8	-2.1	0
Styrene plastics materials .....	06		135.3	136.1	133.4	3.4	-2.0
All other styrene plastic materials .....	0609	06/83	146.3	151.8	150.5	12.4	-9
Vinyl and vinylidene resins .....	07		139.0	139.3	139.4	4.3	.1
Polyvinyl chloride .....	0701		139.6	140.0	140.1	4.5	.1
Nylon resins .....	08	06/83	93.9	94.9	94.9	4.4	0
Other thermoplastic resins .....	09		111.5	112.3	113.5	7.0	1.1
Other nonengineering thermoplastic resins .....	0901		( <sup>2</sup> )	117.9	118.4	( <sup>2</sup> )	.4
Other engineering thermoplastic resins .....	0902	06/83	95.2	94.0	93.9	1.0	-1
Thermosetting resins .....	0663		122.4	130.0	127.8	10.7	-1.7
Phenolic & tar acid resins .....	02		156.7	166.8	164.2	21.3	-1.6
Phenolic molding compounds .....	0201		128.7	132.2	132.2	8.3	0
All other phenolic & tar acid resins .....	0202		164.4	176.5	173.1	24.7	-1.9
All other thermosetting resins .....	05		117.0	125.8	123.0	7.0	-2.2
All other thermosetting resins .....	0599		116.1	124.8	121.8	6.9	-2.4
Other chemicals and allied products .....	067		115.7	117.4	117.4	6.1	0
Soap and synthetic detergents .....	0671		119.7	120.2	120.2	6.1	0
Soaps & synth. detergents, ex. glycerin .....	04	06/83	115.0	115.4	115.5	6.4	.1
Soaps and detergents, nonhousehold .....	0401	06/83	120.7	121.3	121.6	5.4	.2
Household detergents .....	0402		111.8	112.3	112.3	6.6	0
Household soap, except specialty cleaners .....	0403	06/83	131.5	131.5	131.5	6.2	0
Specialty cleaning, polish, & san. prods .....	0672	06/83	114.9	116.6	117.3	6.1	.6
Household bleaches .....	0101	06/83	114.0	116.8	116.8	7.8	0
Specialty cleaning and sanitation products .....	0102	06/83	113.8	115.4	116.4	5.8	.9
Polishing preparations and related products .....	0103	06/83	117.6	118.3	118.8	5.6	.4
Cosmetics and other toilet preparations .....	0675		117.6	120.1	119.3	2.9	-7
Shaving preparations .....	02		105.3	106.2	106.2	2.5	0
Aftershave preparations .....	0205		100.7	102.4	101.7	3.9	-7
Perfume, cologne & toilet water .....	03		122.7	126.9	123.9	1.3	-2.4
Perfume .....	0301		121.0	122.6	122.6	6.7	0
Cologne and toilet water .....	0305		123.3	128.8	124.3	-1.1	-3.5
Hair preparations .....	04		117.8	118.5	119.1	4.6	.5
Synthetic organic detergent shampoo .....	0405		101.4	103.6	103.6	3.1	0
Hair tonics (inc. conditioners) .....	0411		107.7	113.5	113.5	5.9	0
Hair dressings .....	0421		125.0	124.2	124.4	1.5	.2
Hair spray (aerosol) .....	0425		110.5	110.5	110.5	.2	0
Home and commercial permanents .....	0431		126.4	113.5	115.0	5.9	1.3
Hair coloring .....	0441		156.6	156.6	159.1	8.0	1.6
Dentifrices .....	05		108.9	108.9	107.4	-4	-1.4
Toothpaste .....	0501		106.2	106.2	103.7	-3.1	-2.4
Creams .....	06		127.4	129.4	130.5	5.9	.9
Cleansing creams .....	0601		131.5	131.5	135.3	8.9	2.9
Foundation creams .....	0602		126.3	127.9	127.9	2.2	0
Lubricating creams .....	0603		121.9	127.2	127.1	5.7	-1
Other creams .....	0604		130.3	130.3	130.3	6.0	0
Lotions and oils .....	07		115.7	119.6	120.1	-9	.4
Suntan & sunscreen .....	0701		124.3	124.3	124.3	1.3	0
Cleansing lotion and cosmetic oils .....	0702		( <sup>2</sup> )	( <sup>2</sup> )	114.5	( <sup>2</sup> )	( <sup>2</sup> )
Hand lotions .....	0704		120.1	124.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other lotions and oils .....	0705		105.0	111.4	111.9	-7.2	.4
Cosmetics .....	08		122.2	125.0	124.9	.8	-1
Lip preparations .....	0801		95.6	100.4	100.2	-2.4	-2
Blushes .....	0802		119.8	129.1	129.1	2.7	0
Eye preparations .....	0803		148.4	147.5	147.5	2.1	0
Deodorant .....	09		115.0	123.7	123.6	9.1	-1
Cream, liquid and roll-on deodorant .....	0902		118.7	125.8	125.7	5.7	-1
Manicure preparations .....	11		119.3	119.3	119.7	-8	.3
Powders .....	12		125.8	125.8	125.8	4.0	0
Face powder .....	1202		129.6	129.6	129.6	1.3	0
Wet application powder .....	1203		123.7	123.7	123.7	0	0
Other cosmetics and toiletries .....	19						
Other cosmetics and toiletries .....	1901		112.9	112.9	112.9	6.4	0
Misc. chemical prod. and preparations .....	0679		112.2	114.1	114.5	8.3	.4
Essential oils .....	01		159.8	159.8	159.8	55.8	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Misc. chemical prod. and preparations--Continued .....	0679						
Explosives .....	02		116.1	115.1	117.5	9.0	2.1
Other blasting accessories .....	0225		139.7	130.4	130.4	-6.1	0
ANFO, except slurry .....	0231		115.9	( <sup>2</sup> )	122.3	( <sup>2</sup> )	( <sup>2</sup> )
Water gel and slurries, except permissible slurries .....	0232		100.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other industrial explosives .....	0233		126.2	126.0	128.5	( <sup>2</sup> )	2.0
Propellants .....	0235	06/88	100.4	100.4	102.9	( <sup>2</sup> )	2.5
Industrial gases .....	03		111.3	119.1	118.1	7.7	-8
Acetylene .....	0301		111.0	116.8	116.8	5.2	0
Carbon dioxide .....	0302		94.0	95.6	95.6	2.2	0
Nitrogen .....	0303		103.0	102.4	99.5	-2.1	-2.8
Oxygen .....	0304		113.3	136.5	136.5	20.5	0
Adhesives and sealants .....	04	12/83	120.4	121.9	122.0	8.8	.1
Natural base glues and adhesives .....	0401	12/83	120.1	120.2	120.2	6.0	0
Synthetic resin and rubber adhesives .....	0402	12/83	121.4	123.7	123.5	10.7	-2
Caulking compounds and sealants .....	0403	12/83	112.6	112.3	113.1	3.9	.7
Surface active agents .....	05	12/83	125.5	125.7	125.9	10.9	.2
Textile and leather assistants and .....	0501	12/83	110.9	113.5	116.5	10.3	2.6
Bulk surfactants .....	0502	12/83	126.8	126.8	126.7	10.9	-1
Gum and wood chemicals .....	06	06/84	107.1	110.0	110.3	7.7	.3
Hardwood distillation products .....	0603	06/84	115.1	115.2	114.7	3.1	-4
Tall oils .....	0606		115.8	117.1	118.3	4.4	1.0
Other miscellaneous chemical products .....	09		102.0	103.1	103.8	6.1	.7
Salt, evaporated and solar .....	0904	06/85	99.4	99.6	99.4	1.8	-2
Carbon, black .....	0918	12/83	79.6	75.2	80.8	-5.6	7.4
Printing ink .....	0919	06/84	111.8	112.0	112.3	1.4	.3
Automotive chemicals .....	0951	06/85	140.2	141.6	141.3	37.9	-2
Water-treating compounds .....	0961	06/85	106.2	106.5	106.5	1.4	0
Other chemical preparations, n.e.c. ....	0999	06/85	108.1	111.7	112.4	7.4	.6
<b>Rubber and plastic products</b> .....	<b>07</b>		<b>111.9</b>	<b>112.9</b>	<b>113.0</b>	<b>3.9</b>	<b>.1</b>
Rubber and rubber products .....	071		105.8	106.7	107.1	4.4	.4
Rubber, except natural rubber .....	0711		109.8	108.5	108.2	2.7	-3
Synthetic rubber .....	02		110.5	109.1	108.8	2.6	-3
Styrene butadiene-solid .....	0219		112.5	109.8	108.0	-1.7	-1.6
Other synthetic rubber .....	0299		110.0	110.9	112.2	9.1	1.2
Reclaimed rubber .....	0321		95.6	95.7	95.6	( <sup>2</sup> )	-1
Tires, tubes, tread, & repair materials .....	0712		95.9	97.1	98.0	4.8	.9
Tires .....	01		95.5	96.7	97.6	4.9	.9
Passenger car pneumatic tires, radials .....	0103		91.4	92.4	93.8	5.9	1.5
Truck/bus tires, including off-highway .....	0105		95.3	97.7	98.4	8.1	.7
Other pneumatic and all solid tires .....	0121	06/83	108.1	108.2	108.5	( <sup>2</sup> )	.3
Truck/bus inner tubes .....	0223		100.2	102.0	102.0	( <sup>2</sup> )	0
Tread rubber, tire sundries, & repair matl .....	03		106.6	108.4	109.6	3.5	1.1
Tread rubber, natural and synthetic .....	0351		101.5	102.5	103.9	3.0	1.4
Other tire sundries and repair materials, n.e.c. ....	0353		125.4	130.2	130.2	4.7	0
Miscellaneous rubber products .....	0713		115.8	117.2	117.4	4.6	.2
Footwear .....	01		117.3	118.6	120.1	4.6	1.3
Protective footwear .....	0107		120.6	124.6	124.6	6.9	0
Non-protective footwear, fabric upper .....	0108	12/86	106.1	106.7	108.4	4.1	1.6
Rubber belts and belting .....	03		108.2	113.0	112.4	6.4	-5
Conveyor and elevator .....	0361		113.4	119.2	119.1	10.0	-1
Non-flat rubber and plastic belts .....	0369	06/83	101.5	104.3	105.5	8.0	1.2
Rubber hose .....	04		115.3	116.1	116.9	5.4	.7
Hose, long length, textile, nonhydraulic .....	0453		101.4	106.9	107.0	-1.7	.1
Hose, braided or loomed, helical reinforced .....	0463		91.2	91.2	91.2	4.3	0
Hose, hydraulic .....	0481		108.7	106.3	110.3	-1.3	3.8
Hose, mandrel made, textile, nonhydraulic .....	0482		125.7	122.8	123.1	1.7	.2
Hose, mandrel made, wire, nonhydraulic .....	0483		75.6	80.0	79.1	28.8	-1.1
All other rubber hose .....	0484		112.1	115.8	115.3	4.4	-4
Rubber roll covering .....	05		126.6	126.6	126.6	2.7	0
Paper mill roll covering .....	0502		120.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Steel mill roll covering .....	0503		127.8	127.8	127.8	2.7	0
All other, roll covers .....	0504		139.7	139.7	139.7	2.0	0
Miscellaneous rubber products, n.e.c. ....	06	06/83	111.8	112.9	112.9	4.3	0
Molded rubber mechanical goods .....	0602	06/83	103.6	104.4	104.5	4.0	.1
Extruded and lathe cut, mechanical rubber goods .....	0603	06/83	113.3	113.8	113.8	.7	0
Industrial rubber products, n.e.c. ....	0604	06/83	125.2	126.8	126.7	4.5	-1
Rubber clothing and coated fabrics .....	0605	06/83	109.1	109.8	109.8	1.9	0
Other rubber goods .....	0606	06/83	116.6	117.6	117.6	8.0	0
Sponge and foam rubber .....	0607	06/83	121.5	125.6	125.6	5.6	0
Rubber floor and wall coverings .....	0608	06/83	104.5	106.9	106.8	2.2	-1
Rubber druggist and medical sundries, exc. gloves .....	0611	06/83	112.9	114.6	114.6	10.5	0
Compounds or mixtures .....	0612	06/83	102.8	102.8	102.8	( <sup>2</sup> )	0
Rubber gloves .....	0613	12/88	101.5	102.3	102.2	( <sup>2</sup> )	-1
<b>Plastic products</b> .....	<b>072</b>		<b>117.8</b>	<b>118.8</b>	<b>118.8</b>	<b>3.7</b>	<b>0</b>

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Plastic construction products .....	0721		122.2	122.5	122.5	0.7	0
Plumbing products .....	0601		127.1	127.4	126.4	-2.8	-8
Other plastic construction products .....	0602		118.7	119.0	119.8	3.5	.7
Unsupp. plastic film/sheet/other shapes .....	0722		118.0	119.7	119.8	5.6	.1
Unsupported plastic film/sheet/other shapes .....	0501	12/82	116.9	118.6	118.7	5.6	.1
Laminated plastic sheets, rods, and tube .....	0723		108.6	113.4	113.4	4.7	0
Plastic packaging .....	0725						
Plastic packaging .....	02		119.4	119.9	119.3	5.1	-5
Plastic packaging .....	0201	12/82	119.4	119.9	119.3	5.1	-5
Plastic parts and components for mfg. ....	0726		110.3	110.6	110.9	1.3	.3
Parts for transportation equip. ....	01		109.0	110.0	110.3	2.5	.3
Parts for transportation equipment .....	0105	12/82	108.1	109.1	109.4	2.5	.3
Other parts and components for mfg. ....	02		110.9	110.5	110.7	-2	.2
Other parts and components for manufacturing .....	0205	12/82	110.9	110.6	110.8	-2	.2
Consumer, institut., & comm. prod., nec. ....	0728		120.8	120.9	121.0	.2	.1
Consumer, institution & commercial products, n.e.c. ....	0201	12/82	120.2	120.2	120.4	.2	.2
Other plastic products .....	0729	12/82	116.9	117.9	117.9	3.8	0
Plastic furniture components and furnishings .....	0101	12/82	111.2	110.3	110.3	1.2	0
All other plastic products .....	0199	06/87	110.4	111.4	111.4	4.0	0
<b>Lumber and wood products .....</b>	<b>08</b>		<b>120.1</b>	<b>124.9</b>	<b>126.4</b>	<b>6.1</b>	<b>1.2</b>
Lumber .....	081		119.8	126.7	128.0	3.4	1.0
Softwood lumber .....	0811		118.5	128.7	131.1	8.2	1.9
Douglas fir, dressed .....	01		135.9	154.3	160.3	21.4	3.9
Boards under 2" thick .....	0125		134.9	152.1	157.2	19.5	3.4
2" lumber .....	0126		136.1	150.8	153.6	19.6	1.9
Timbers & lumber over 2" thick .....	0127		135.5	178.2	204.5	35.1	14.8
Southern pine, dressed .....	02		110.0	106.1	104.6	-9.6	-1.4
Boards under 2" thick .....	0245		114.5	111.8	111.4	-4.4	-4
2" lumber .....	0246		109.8	104.3	102.0	-12.1	-2.2
Timbers & lumber over 2" thick .....	0247		93.7	95.4	95.1	-11.2	-3
Other species, dressed .....	03		118.4	128.1	130.7	7.7	2.0
Western species (ex. Douglas fir) .....	0332	12/86	104.3	113.8	116.0	8.3	1.9
Rough softwood lumber .....	04		108.4	119.9	122.8	9.0	2.4
Eastern species .....	0411	12/86	107.0	111.4	111.6	5.2	.2
Western species .....	0412	12/86	113.9	129.4	133.6	10.5	3.2
Flooring, siding, and cut stock .....	05		124.4	148.4	148.7	14.8	.2
Softwood flooring .....	0501		128.8	128.8	(?)	(?)	(?)
Woodsiding .....	0502		107.4	107.3	105.2	-7.1	-2.0
Softwood cut stock .....	0503		134.3	163.2	163.9	17.2	.4
Hardwood lumber .....	0812		127.2	128.2	127.3	-4.9	-7
Rough hardwood lumber .....	01		131.4	132.8	131.9	-7.4	-7
Oak .....	0107		128.4	130.0	128.2	-14.2	-1.4
Gum .....	0109		114.7	114.7	114.7	.3	0
Poplar .....	0133		115.8	115.9	116.0	-3.3	.1
Misc. hardwood species, ex. oak, gum, and poplar .....	0197		133.9	135.6	135.3	-1.1	-2
Dressed hardwood lumber, ex. siding .....	02		120.7	120.9	121.2	-3.3	.2
Oak .....	0201		109.5	109.3	109.3	-8.1	0
Other than oak .....	0202		130.0	130.5	131.1	.1	.5
Hardwood dimension .....	03		129.1	130.2	128.5	2.2	-1.3
Hardwood dimension stock .....	0311	06/84	110.5	111.4	109.6	2.0	-1.6
Wood frames for household furniture .....	0312	06/84	116.3	116.9	116.8	2.6	-1
Hardwood flooring .....	04						
Hardwood flooring .....	0401	06/84	103.4	102.4	102.3	-3.1	-1
Millwork .....	082		123.5	127.5	128.0	5.3	.4
General millwork .....	0821		125.1	129.7	130.4	6.0	.5
Wood kitchen cabinets and cabinetwork .....	0101		115.6	118.1	118.2	3.8	.1
Vanities and other cabinetwork .....	0103	06/84	111.8	115.4	115.5	3.8	.1
Wood window units .....	0112	06/83	116.9	120.1	121.0	5.6	.7
Wood sash .....	0122	06/83	119.8	121.8	121.8	3.9	0
Wood window and door frames .....	0132	06/83	99.0	107.6	110.9	12.0	3.1
Wood doors, flush and panel, interior and exterior .....	0142	06/83	113.8	117.5	117.8	8.0	.3
Other wood doors, incl. garage, screen, storm, etc. ....	0152	06/83	116.0	118.7	119.6	5.6	.8
Wood mouldings, ex. prefinished from purchased mldgs .....	0162	06/83	110.0	123.4	122.0	4.3	-1.1
Wood frames, frame moulding, and framed pictures .....	0174	06/84	123.8	124.5	130.0	13.1	4.4
Other millwork products .....	0183	06/83	125.8	129.4	129.5	5.3	.1
Prefabricated structural members .....	0822		116.4	118.2	118.1	.8	-1
Roof trusses .....	0101		112.4	113.5	112.9	-5	-5
Floor trusses .....	0102		116.0	116.7	116.6	-2.6	-1

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Prefabricated structural members—Continued .....	0822						
Glued-laminated lumber .....	0103		110.3	114.1	115.3	5.6	1.1
Other fabricated structural wood products .....	0106		118.5	( <sup>2</sup> )	120.9	1.3	( <sup>2</sup> )
Miscellaneous millwork products .....	0823						
Miscellaneous millwork products .....	0199	06/84	113.2	115.5	115.8	4.2	.3
Plywood .....	083		105.9	111.3	113.3	13.0	1.8
Softwood plywood .....	0831		112.4	118.2	118.9	14.4	.6
Western, inland and other non-southern .....	01		119.4	129.2	130.2	22.6	.8
Unsanded, cdx .....	0111		113.8	114.8	117.6	9.7	2.4
Unsanded, except cdx .....	0112		113.8	121.5	123.0	20.6	1.2
Sanded, including a-c .....	0117	12/86	119.0	135.5	135.0	33.3	-4
Southern .....	02		100.6	98.9	98.8	.2	-1
Cdx .....	0201		99.8	97.1	96.0	-2.2	-1.1
Unsanded, except cdx .....	0203		105.1	101.4	102.7	2.2	1.3
Sanded, including a-c .....	0221		103.8	120.4	124.7	14.8	3.6
Softwood plywood type products .....	03						
Softwood plywood-type products .....	0301		117.6	139.7	142.6	16.4	2.1
Hardwood plywood and related products .....	0832		94.6	99.0	100.3	6.6	1.3
Hardwood plywood .....	0103	06/85	105.8	111.7	113.0	7.5	1.2
Hardwood plywood products, incl. reinforced panels .....	0105	06/85	103.3	103.4	105.1	2.1	1.6
Softwood plywood veneer, ex. rein./backe .....	0833		122.9	132.9	149.8	27.8	12.7
Hardwood plywood veneer .....	0834	06/85	105.8	106.9	107.3	1.8	.4
Hardwood plywood veneer .....	0101	06/85	105.8	106.9	107.3	1.8	.4
Other wood products .....	084		108.5	111.4	112.6	5.7	1.1
Wood pallets and skids .....	0841						
Wood pallets and skids .....	0111		119.5	120.8	122.1	2.9	1.1
Boxes .....	0842		110.9	112.1	112.9	4.9	.7
Nailed or lock-corner wooden boxes .....	0101	06/85	104.6	105.7	105.7	3.4	0
Wooden box and crate shook .....	0102	06/85	114.1	114.1	114.1	2.2	0
Wirebound boxes .....	0124	12/85	105.8	105.8	106.3	2.6	.5
Veneer and plywood containers, except boxes & crates .....	0125	12/85	107.4	115.6	115.6	7.6	0
Stack and tight cooperage .....	0126	12/85	108.2	110.5	113.6	12.9	2.8
Other sawmill & planing mill products .....	0849		103.7	107.8	109.1	7.6	1.2
Sawmill & planing mill prods., non-contrac .....	01		103.9	108.1	109.5	7.9	1.3
Wood chips .....	0101		93.3	97.2	98.7	8.7	1.5
Railway and mine ties .....	0102		113.7	113.6	113.7	.1	.1
Misc. sawmill products .....	0103		102.1	103.3	105.1	2.3	1.7
Shingles, shakes, cooperage stock and excelsior .....	0105	12/85	146.3	152.7	151.8	3.8	-6
Mfg of lumber owned by others (contract wk .....	02	12/86	101.9	104.0	104.0	2.5	0
Contract or custom work .....	0201	12/86	101.9	104.0	104.0	2.5	0
Logs, bolts, timber and pulpwood .....	085		120.8	125.5	128.3	7.9	2.2
Logs, bolts, timber and pulpwood .....	0851						
Softwood logs, bolts and timber .....	01		129.7	136.4	140.1	10.0	2.7
Douglas fir logs, bolts and timber .....	0101		135.4	143.7	150.6	16.0	4.8
Other softwood logs and bolts .....	0102		126.0	131.6	133.2	5.7	1.2
Hardwood logs, bolts and timber .....	02						
Hardwood logs, bolts and timber .....	0201		117.5	118.2	118.2	2.2	0
Pulpwood .....	03		88.7	88.5	88.5	1.0	0
Softwood pulpwood .....	0301		83.9	83.6	83.6	1.3	0
Hardwood pulpwood .....	0302		96.6	97.5	97.5	.4	0
Other roundwood products .....	04	06/86	100.9	99.1	100.4	-8	1.3
Prefabricated wood buildings & component .....	086	12/84	109.8	110.8	110.8	3.0	0
Prefabricated wood buildings & component .....	0861						
Precut packages sold as complete units .....	0102	12/84	109.9	110.0	110.0	.3	0
Panelized buildings sold as complete units .....	0103	12/84	114.5	117.5	117.4	7.2	-1
Modular buildings shipped with floor & walls .....	0104	12/84	109.0	109.4	109.4	1.7	0
Treated wood and contract wood preservin .....	087	06/85	106.6	106.9	111.2	9.7	4.0
Treated wood and contract wood preservin .....	0871						
Treated wood .....	01	06/85	106.3	106.4	111.1	10.3	4.4
Poles, piles, and posts .....	0101	06/85	105.0	105.3	114.6	16.5	8.8
Other wood products .....	0102	06/85	106.4	106.4	107.5	5.8	1.0
Contract wood preserving .....	02	06/85	103.1	105.6	105.1	2.7	-5
Pulp, paper, and allied products .....	09		135.1	137.5	137.9	6.4	.3

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Pulp, paper, and prod., ex. bldg. paper .....	091		129.5	132.7	133.3	7.4	0.5
Woodpulp .....	0911		151.4	155.7	158.4	16.4	1.7
Paper-making woodpulp .....	02		168.9	173.6	177.2	17.0	2.1
Softwood sulfate, bleached and semibleached .....	0211		176.2	180.7	185.2	22.6	2.5
Hardwood sulfate, bleached and semibleached .....	0212		159.7	165.0	167.3	7.2	1.4
Sulfite and other woodpulp .....	0223	12/82	124.7	128.2	129.8	10.5	1.2
Special alpha and dissolving woodpulp .....	03		124.8	129.6	130.6	20.0	.8
Pulp, other than wood, inc pulp mill bypro .....	04	12/82	140.8	143.4	143.4	5.1	0
Other pulp, including byproducts .....	0411	12/82	140.8	143.4	143.4	( <sup>2</sup> )	0
Wastepaper .....	0912		157.4	159.1	158.2	-14.8	-6
News .....	01		155.2	137.0	133.7	-48.2	-2.4
Northeast .....	0121	12/86	48.3	40.6	40.7	-66.3	.2
North Central .....	0122	12/86	88.4	75.8	70.4	-38.7	-7.1
South .....	0123	12/86	95.1	84.2	91.9	-25.2	9.1
West .....	0124	12/86	78.3	79.6	70.6	-39.2	-11.3
Mixed papers .....	02		155.4	123.9	116.7	-27.2	-5.8
Northeast .....	0221	12/86	94.6	66.2	65.5	-36.2	-1.1
North Central .....	0222	12/86	137.4	109.3	105.1	-16.2	-3.8
South .....	0223	12/86	96.5	84.3	73.2	-36.6	-13.2
West .....	0224	12/86	105.9	105.9	91.4	-31.9	-13.7
Corrugated .....	03		191.0	190.1	183.1	-27.8	-3.7
Northeast .....	0321	12/86	71.8	65.1	64.7	-27.8	-6
North Central .....	0322	12/86	69.7	72.4	66.3	-31.7	-8.4
South .....	0323	12/86	77.9	79.2	78.0	-19.4	-1.5
West .....	0324	12/86	69.4	71.5	71.5	-28.0	0
High grades (pulp substitutes & deinking) .....	07	12/86	128.5	133.2	135.5	2.8	1.7
Northeast .....	0721	12/86	120.6	125.1	125.7	1.6	.5
North Central .....	0722	12/86	125.8	129.4	134.1	4.6	3.6
South .....	0723	12/86	152.5	156.6	157.1	4.3	.3
West .....	0724	12/86	149.3	164.3	163.0	-4.6	-8
Exports (all grades) .....	08	12/86	105.3	117.0	113.9	-11.7	-2.6
Paper .....	0913		128.7	131.3	131.0	7.3	-2
Writing papers, excluding newsprint .....	01		129.8	132.1	132.3	8.8	.2
Uncoated groundwood, publishing and printing .....	0111		119.3	118.4	118.9	5.2	.4
No. 3 clay coated, 2-sides .....	0113		127.8	129.7	131.2	7.5	1.2
No. 5 clay coated, 2-sides .....	0115		129.6	129.9	129.8	6.0	-1
Clay coated, 2-sides, excl. no. 3 & no. 5 .....	0116		130.5	132.8	132.3	7.0	-4
Clay coated, 1-side .....	0117		131.9	133.6	133.6	6.8	0
Offset uncoated book paper .....	0122		127.0	127.3	127.8	10.1	.4
Uncoated publishing & printing free sheet, ex offset .....	0123		122.1	122.1	123.1	8.6	.8
Unwatermarked bond, no. 4 grade .....	0131		129.4	133.9	133.9	16.7	0
Watermarked bond .....	0132		134.2	137.1	136.9	7.5	-1
12 lb. form bond, in rolls .....	0133		130.1	129.7	129.7	5.1	0
15 lb. form bond, in rolls .....	0134		125.3	125.9	124.9	6.8	-8
Form bond, in rolls, excluding 12 lb. and 15 lb. ....	0135		129.4	129.0	128.1	6.1	-7
Other bond .....	0136		138.9	141.7	142.5	14.1	.6
Other misc. free sheet, n.e.c., inc. body stock .....	0137		140.2	144.8	145.5	11.2	.5
Cover and text papers .....	0148		135.9	139.0	139.0	7.0	0
Newsprint .....	02						
Newsprint .....	0291		126.5	128.2	124.1	-3.0	-3.2
Packaging and industrial converting paper .....	03		130.2	134.7	135.0	6.8	.2
Wrapping paper, unbleached kraft .....	0301		158.6	169.1	169.1	7.6	0
Wrapping paper, except unbleached kraft .....	0302		121.4	125.5	125.2	7.7	-2
Shipping sack, unbleached kraft .....	0304		133.2	144.4	144.4	8.4	0
Bag and sack paper, unbleached kraft .....	0307		139.9	149.2	149.2	7.6	0
Bag and sack paper, excluding unbleached kraft .....	0308		129.2	132.9	131.0	6.1	-1.4
Packaging/industrial converting, unbl. kraft, n.e.c. ....	0311		136.0	143.5	143.5	7.4	0
Packaging/indust. converting, ex. unbl. kraft, n.e.c. ....	0312		119.6	122.8	123.8	9.7	.8
Glassine, greaseproof, and vegetable parchment .....	0314		142.6	141.7	142.8	3.3	.8
Coated and laminated single and multi-web paper .....	0321	12/87	110.7	113.7	114.2	9.6	.4
Coated and laminated single and multi-web film .....	0322	12/87	112.9	113.4	113.4	2.9	0
Tissue paper .....	0323	06/83	146.0	148.7	151.1	5.4	1.6
Special industrial paper .....	04						
Special industrial paper .....	0401		131.9	133.1	132.8	13.6	-2
Coated and laminated paper, n.e.c. ....	05						
Coated and laminated paper, n.e.c. ....	0501	12/82	126.9	127.5	128.5	8.3	.8
Paperboard .....	0914		137.7	143.8	143.5	7.6	-2
Corrugated paperboard in sheets and rolls .....	05						
Corrugated paperboard in sheets and rolls .....	0551		133.7	133.3	134.5	2.8	.9
Paperboard, ex. corrugated paperboard .....	11	12/82	144.5	151.4	150.9	7.9	-3
Unbleached linerboard .....	1101	12/82	163.9	173.5	173.5	6.8	0
Bleached pkg. & ind. converting paperboard .....	1103	12/82	124.8	129.7	129.7	17.1	0
Semicheical paperboard .....	1104	12/82	151.7	162.5	159.5	4.2	-1.8
Recycled paperboard .....	1105	12/82	128.0	130.7	129.8	4.6	-7
Converted paper and paperboard products .....	0915		127.6	130.5	131.8	8.0	1.0
Sanitary paper products, including stock .....	01		117.9	122.5	125.4	9.8	2.4

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Converted paper and paperboard products—Continued	0915						
Sanitary napkins, tampons and wadding stock	0102	06/83	108.8	109.8	109.8	-5.7	0
Facial tissues	0113	12/87	106.6	(?)	(?)	(?)	(?)
Napkins and napkin stock	0114	12/87	107.2	108.0	109.0	6.2	.9
Toilet tissue and stock	0115	12/87	107.1	113.2	118.1	13.0	4.3
Disposable diapers	0116	12/87	100.8	(?)	(?)	(?)	(?)
Towels and towel stock	0117	12/87	115.0	117.2	118.2	11.3	.9
Other sanitary paper products, inc. stock, n.e.c.	0121	12/87	103.6	104.5	105.0	2.2	.5
Paper bags and shipping sacks	02		151.9	156.2	155.4	13.5	-5
Grocers' and variety bags (paper)	0214	12/83	195.3	210.9	210.5	17.5	-2
Specialty bags and liners	0216	12/83	123.5	122.2	121.1	11.0	-9
Shipping sacks and multiwall bags, all	0218	12/83	148.7	152.5	152.2	11.9	-2
Paper boxes and containers	03		127.0	128.9	129.9	5.3	.8
Corrugated shipping containers	0301	06/87	111.9	112.1	113.1	2.4	.9
Setup paperboard boxes	0322	12/83	112.3	114.8	114.8	4.6	0
Folding paperboard boxes, including retail food	0332	12/83	119.7	122.1	122.4	7.7	.2
Paperboard fiber drums	0337		130.4	130.5	130.4	8.0	-1
Solid fiber boxes and containers	0346		147.9	147.9	147.9	0	0
Milk and milk-type containers	0351		127.4	130.7	131.8	5.2	.8
Cups and liquid-tight containers	0352	06/85	120.5	128.9	129.3	14.4	.3
Other sanitary food containers	0359	06/85	108.6	114.6	116.9	13.6	2.0
Packaging accessories	04		138.7	139.2	139.5	5.1	.2
Gummed products	0431		119.5	119.1	119.6	5.6	.4
Cor. & solid fiber pallets, pads, & part	0441		171.6	(?)	(?)	(?)	(?)
Wrapping products (gift wrap, etc.)	0451	06/85	115.2	116.1	116.1	3.8	0
Office supplies and accessories	06		119.7	122.2	122.2	7.4	0
Envelopes	0636	12/84	113.3	114.8	115.1	6.9	.3
Inked ribbons	0642	12/85	99.5	99.9	100.0	3.4	.1
Carbon and stencil paper	0644	12/85	113.8	113.8	114.9	3.9	1.0
File folders	0645		125.2	126.9	126.5	7.0	-3
Index cards	0647		123.8	(?)	129.9	7.5	(?)
Rolls for adding machines & other business machines	0649		112.9	115.8	115.8	12.6	0
Stationery	0652	06/85	106.7	110.6	110.6	2.0	0
Tablets and related products	0653	06/85	130.6	137.4	136.3	13.6	-8
Fiber and composite cans & related product	07		131.5	132.7	134.9	10.8	1.7
Food products, including pet food	0755	12/85	105.9	108.2	108.3	5.5	.1
Cores and tubes	0757	12/85	112.4	112.9	113.0	4.5	.1
All vulcanized fiber prods. inc. cans, tubes, etc.	0759	12/85	111.3	112.1	112.2	5.0	.1
Pressed and molded pulp goods	08	06/85	108.4	109.6	111.0	8.8	1.3
Other molded pulp goods	0812	06/85	108.5	109.8	111.2	9.2	1.3
Misc. converted paper or paperboard product	09	12/84	115.0	116.0	116.6	8.5	.5
Pasted, lined, laminated or surface coated	0901	12/84	120.4	121.2	123.2	13.0	1.7
Wall coverings	0902	06/85	101.8	102.2	102.2	2.7	0
Other converted paper and board products	0999	12/84	117.8	119.3	119.3	7.6	0
Pressure sensitive products	0916	12/82	119.1	120.8	120.7	5.0	-1
Pressure - sensitive products	01	12/82	119.1	120.8	120.7	5.0	-1
Building paper & building board mill pro	092		112.9	115.1	115.5	1.9	.3
Hardboard, particleboard & fiberboard pr	0922		109.6	111.9	112.4	.6	.4
Hardboard, particleboard, and fiberboard	01		111.0	114.4	115.3	1.2	.8
Hardboard	0101		103.7	103.7	103.4	2.5	-3
Particleboard, platen-type (mat-formed)	0123	12/82	121.6	127.3	128.9	.9	1.3
Fiberboard	0131	06/84	88.7	88.7	88.8	.2	.1
Fabricated hardboard products	02						
Fabricated hardboard products	0201	06/84	98.8	98.5	98.4	-6	-1
Building board, const. paper & felt stoc	0923	12/85	111.8	113.7	113.2	7.3	-4
Board: asphalt, hardpressed, insul. roofin	01	12/85	111.9	112.0	111.3	7.4	-6
1/2" board	0101	12/85	100.2	100.0	96.8	-3.6	-3.2
Other board sizes	0109	12/85	114.8	114.9	114.9	10.1	0
Publications, printed matter & printing	093		139.7	141.2	141.5	5.6	.2
Newspapers	0931		156.7	157.3	158.0	6.4	.4
Circulation	01		135.2	136.3	136.3	2.2	0
Subscriptions, through intermediary	0111		131.6	132.9	132.9	2.9	0
Subscriptions, direct to reader	0112		147.8	150.4	150.3	4.6	-1
Single-copy sales, through intermediary	0121		128.7	129.0	129.0	.5	0
Single-copy sales, direct to reader	0122		139.4	139.4	139.4	0	0
Advertising	02		163.4	163.9	164.7	7.5	.5
Classified advertising	0211		174.0	174.1	175.4	9.0	.7
Retail, mfg., & other commercial ads, national	0221		177.9	177.9	178.6	6.5	.4
Retail, mfg., & other commercial ads, regional	0222		158.8	159.4	160.2	7.2	.5
Insertion of preprinted advertising	0223	06/86	109.7	110.7	110.7	6.1	0
Periodicals	0932		153.3	155.2	154.6	5.7	-4
Circulation	01		141.7	142.3	142.0	4.6	-2
Industrial periodicals	0121		136.9	136.9	136.9	5.1	0
Professional periodicals	0123		152.1	154.0	153.8	5.1	-1

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Periodicals—Continued	0932						
Women's periodicals subscriptions	0131		120.1	120.1	120.1	3.2	0
Women's periodicals, single-copy sales	0132		137.5	137.5	137.5	9.6	0
General interest periodicals, subscriptions	0133		160.8	161.7	161.6	3.2	-1.1
General interest periodicals, single-copy sales	0134		134.9	136.8	134.9	7.5	-1.4
Religious periodicals	0141		129.8	129.8	129.8	3.8	0
Advertising	02		162.0	164.7	163.9	6.5	-5
General farm periodicals	0211		143.6	143.6	143.6	4.5	0
Specialized farm periodicals	0212		163.6	163.6	163.6	5.8	0
Industrial periodicals	0221		143.0	144.3	144.3	7.4	0
Merchandising periodicals	0222		148.9	151.2	150.8	7.0	-3
Professional periodicals	0223		162.0	162.2	162.3	5.4	.1
Women's periodicals	0231		165.0	171.5	171.5	7.0	0
General interest periodicals	0233		180.5	183.1	182.3	6.2	-4
General news periodicals	0235		156.4	156.4	156.4	5.6	0
Other periodicals, n.e.c.	0243		145.2	148.5	148.0	7.5	-3
Book publishing	0933		140.8	143.3	143.1	6.6	-1
Textbooks	01		166.3	170.6	171.6	10.3	.6
Technical, scientific & professional books	02		133.4	135.6	136.2	6.6	.4
Religious books	03		136.5	136.6	136.8	3.8	-1
General books	04		129.3	131.2	129.4	3.5	-1.4
Mass market, rack size	0414		136.2	140.4	127.7	-5.1	-9.0
Adult trade and juvenile	0416	06/88	105.1	106.2	106.6	( <sup>2</sup> )	.4
Bookclub and mail order	0417	06/88	102.6	103.5	105.0	( <sup>2</sup> )	1.4
General reference books	05		120.7	121.4	121.4	3.3	0
Other books, incl. music books & pamphlets	08	06/88	103.3	103.7	103.4	( <sup>2</sup> )	-3
Other books, except pamphlets	0801	06/88	104.3	104.9	104.4	( <sup>2</sup> )	-5
Pamphlets	0802	06/88	100.8	100.8	100.8	( <sup>2</sup> )	0
Book printing	0934		123.0	124.3	124.5	6.4	.2
Books, printed and bound, lithographic	0102	12/83	118.5	120.0	120.2	6.0	.2
Printed or printed and bound, not lith	0103	12/83	114.9	114.9	114.9	6.2	0
Pamphlets, etc., printed or printed an	0104	12/83	127.6	128.5	128.5	3.5	0
Manifold business forms	0935		125.2	127.3	128.2	7.2	.7
Unit set forms	0101	12/83	124.1	127.0	127.7	6.7	.6
Manifold books	0102	12/83	122.0	125.0	124.2	6.8	-6
Custom continuous forms	0103	12/83	127.5	128.4	130.4	8.8	1.6
Stock continuous forms	0104	12/83	119.6	122.3	122.1	5.5	-2
Miscellaneous publishing	0936		124.6	126.2	126.2	4.6	0
Catalogs and directories, publishing	0101	06/84	121.1	122.0	121.8	4.3	-2
Business service publications	0102	06/84	125.8	126.4	126.4	4.0	0
Other miscellaneous publishing	0103	06/84	134.2	134.4	134.4	6.5	0
Greeting card publishing	0104	12/85	111.5	115.0	115.0	2.9	0
Commercial printing	0937		122.5	124.0	124.2	4.4	.2
Magazine and periodical printing	01	06/82	118.1	118.5	118.1	2.5	-3
Lithographic	0102	06/82	120.8	121.1	120.6	2.6	-4
Gravure	0103	06/82	105.4	106.6	106.6	( <sup>2</sup> )	0
Label and wrapper printing for packaging	02	06/82	119.0	120.1	120.2	5.7	.1
Letterpress	0201	06/82	121.4	121.4	121.8	5.7	.3
Lithographic	0202	06/82	116.6	119.0	118.7	6.7	-3
Gravure	0203	06/82	117.5	119.3	119.4	4.0	.1
Catalog and directory printing	03	06/82	111.9	113.1	113.7	3.9	.5
Lithographic	0302	06/82	119.1	120.7	121.5	4.7	.7
Financial and legal printing	04	06/82	129.3	131.5	132.1	4.8	.5
Lithographic	0402	06/82	121.1	123.2	123.7	5.0	.4
Advertising printing	05	06/82	126.5	128.2	128.4	4.5	.2
Lithographic	0502	06/82	122.3	124.1	124.3	5.0	.2
Gravure	0503	06/82	( <sup>2</sup> )	112.1	112.1	( <sup>2</sup> )	0
Other general job printing	06	06/82	127.9	130.4	130.4	5.3	0
Letterpress	0601	06/82	136.0	139.4	138.1	7.0	-9
Lithographic	0602	06/82	123.9	126.2	126.5	4.7	.2
Gravure	0603	06/82	120.8	123.5	123.6	6.4	.1
Commercial printing, n.e.c.	11	12/88	100.1	100.6	101.2	( <sup>2</sup> )	.6
Screen printing, excluding textiles	1101	06/82	121.7	122.5	123.5	1.7	.8
Engraving	1102	12/84	114.2	114.6	114.7	4.2	.1
Blankbooks, binders, and bookbinding wor	0938		114.9	117.0	119.0	6.9	1.7
Blankbooks, looseleaf binders, and devices	01	06/85	116.3	118.2	121.0	8.2	2.4
Blankbook making	0101	06/85	120.9	123.3	126.3	7.8	2.4
Looseleaf binders and devices	0102	06/85	109.1	110.1	112.9	9.5	2.5
Bookbinding and related work	02	12/85	109.3	111.8	111.9	3.5	.1
Hardcover bookbinding	0201	12/85	109.2	111.0	111.0	2.1	0
Other bookbinding	0202	12/85	108.7	111.5	111.5	4.1	0
Services for the printing trade	0939		107.4	108.7	108.7	2.5	0
Typesetting	01	06/85	108.3	109.9	109.4	2.8	-5
Photoengraving	02	06/85	107.3	108.0	108.0	.9	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Services for the printing trade—Continued .....	0939						
Electrotyping and stereotyping .....	03	12/85	108.1	108.7	108.7	1.7	0
Lithographic platemaking services .....	04	12/85	105.0	106.1	106.6	2.3	.5
Preparation of lithographic plates .....	0401	12/85	105.0	108.4	109.1	4.7	.6
Other lithographic platemaking services .....	0402	12/85	106.1	106.4	106.9	1.5	.5
<b>Metals and metal products .....</b>	<b>10</b>		<b>125.3</b>	<b>125.3</b>	<b>124.9</b>	<b>6.4</b>	<b>-3</b>
<b>Iron and steel .....</b>	<b>101</b>		<b>119.7</b>	<b>120.4</b>	<b>120.3</b>	<b>4.6</b>	<b>-1</b>
Iron ore .....	1011		82.8	82.8	82.8	0	0
Pellets .....	0117		79.3	( <sup>2</sup> )	79.3	0	( <sup>2</sup> )
<b>Iron and steel scrap .....</b>	<b>1012</b>		<b>188.1</b>	<b>184.3</b>	<b>184.2</b>	<b>7.5</b>	<b>-1</b>
Carbon steel scrap .....	11	12/86	171.2	165.8	166.8	7.4	.6
Heavy melting, Northeast .....	1102	12/86	159.6	162.7	166.1	16.2	2.1
Heavy melting, Chicago .....	1103	12/86	155.6	153.5	155.2	2.0	1.1
Heavy melting, Ohio and Lake Erie .....	1104	12/86	162.3	( <sup>2</sup> )	153.0	.3	( <sup>2</sup> )
Heavy melting, South .....	1105	12/86	167.4	162.8	171.1	12.4	5.1
Heavy melting, West .....	1106	12/86	158.8	175.2	179.7	14.8	2.6
Bundles, Northeast .....	1112	12/86	164.7	156.0	159.9	1.5	2.5
Bundles, Chicago .....	1113	12/86	159.9	152.1	148.7	7.6	-2.2
Bundles, Ohio and Lake Erie .....	1114	12/86	164.3	150.7	150.1	1.9	-4
Shredded scrap, South .....	1125	12/86	152.3	151.4	153.4	14.1	1.3
Cut plate and structural scrap, Northeast .....	1132	12/86	145.9	147.7	149.9	9.4	1.5
Cut plate and structural scrap, South .....	1135	12/86	156.1	150.9	150.8	6.1	-1
Stainless and alloy steel scrap .....	12	12/86	235.1	238.9	228.1	8.2	-4.5
Ohio and Lake Erie .....	1204	12/86	130.5	126.2	128.0	-2	1.4
Cast iron scrap .....	13	12/86	134.0	143.4	142.8	10.4	-4
Northeast .....	1302	12/86	127.3	128.0	128.0	7.4	0
West .....	1306	12/86	193.7	204.6	205.7	17.7	.5
<b>Foundry and forge shop products .....</b>	<b>1015</b>		<b>112.8</b>	<b>114.0</b>	<b>114.3</b>	<b>5.0</b>	<b>.3</b>
Pressure & soil pipe & fittings, cast iron .....	02		134.5	135.3	135.3	2.0	0
Soil pipe & fittings, gray & ductile iron .....	0235		169.0	171.2	171.2	3.8	0
Pressure pipe and fittings, ductile iron .....	0237		109.6	109.6	109.6	0	0
Pressure pipe and fittings, gray iron .....	0239		121.1	122.5	122.5	4.5	0
Motor vehicle castings, gray/ductile iron .....	03		109.5	110.0	110.0	1.2	0
Castings for passenger cars, grey iron .....	0321		112.6	112.8	112.8	.5	0
Castings for other motor vehicles, grey iron .....	0322		106.7	107.3	107.7	3.9	.4
Castings for passenger cars, ductile iron .....	0323		105.7	107.2	106.6	1.0	-6
Castings for other motor vehicles, ductile iron .....	0324		97.4	97.4	97.4	-1	0
Gray & ductile iron castings, other .....	04		107.9	107.9	108.1	2.2	.2
Molds & stools for heavy steel ingots .....	0423		93.6	93.6	93.6	-3	0
Castings for construction & utility use .....	0425		( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Ductile iron castings, other .....	0427		111.6	112.2	112.1	2.6	-1
Grey iron castings, other .....	0429		111.2	111.5	111.8	3.1	.3
Malleable iron castings .....	05		107.4	105.2	105.2	-7	0
Standard malleable iron castings .....	0511		110.5	112.2	112.2	4.0	0
Steel investment castings .....	06		136.1	141.4	142.7	7.1	.9
Carbon and low alloy steel investment castings .....	0614		129.0	129.0	129.0	-3.2	0
High alloy steel investment castings .....	0621		137.3	143.7	145.4	9.3	1.2
Other steel castings, carbon steel .....	07		108.1	110.3	110.1	5.4	-2
Railroad wheels and specialties .....	0712		108.9	109.1	109.1	10.5	0
All other carbon steel castings .....	0736		107.9	110.6	110.4	4.1	-2
Other steel castings, high alloy steel .....	08		123.7	126.4	126.4	10.5	0
All other high alloy steel castings .....	0818		123.7	126.4	126.4	10.5	0
Other steel castings, low alloy steel .....	09		111.5	114.4	114.1	6.4	-3
Railway specialties and rolls for rolling mills .....	0907		117.9	119.0	115.8	4.0	-2.7
All other low alloy steel castings .....	0917		111.4	114.3	114.2	6.5	-1
Open die or smith forgings, ferrous .....	12	06/82	99.4	96.1	100.6	10.9	4.7
Carbon steel .....	1261	06/82	106.6	92.1	106.8	16.6	16.0
Alloy steel, excluding stainless and h .....	1263	06/82	93.0	94.0	94.1	4.6	.1
Other forge shop products .....	13	06/82	109.5	111.7	111.5	9.5	-2
Seamless rolled ring forgings, ferrous .....	1329	06/82	129.5	130.3	130.8	17.2	.4
Closed die forging, carbon steel .....	1351		109.7	112.2	112.0	5.6	-2
Closed die forging, alloy steel .....	1353		104.1	106.0	105.5	7.7	-5
Closed die forgings, stainless steel .....	1355	12/83	111.3	113.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Closed die forgings, other ferrous .....	1357	12/83	97.6	100.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Blast and electric furnace products .....</b>	<b>1016</b>		<b>128.6</b>	<b>132.6</b>	<b>134.2</b>	<b>15.3</b>	<b>1.2</b>
Blast furnace products .....	02	06/82	104.5	113.7	104.5	-10.6	-8.1
Electric furnace products .....	03	06/82	146.0	146.8	155.1	31.3	5.7
Ferrosilicon .....	0312		128.8	134.6	135.3	( <sup>2</sup> )	.5
Other electric furnace products .....	0315	06/83	169.3	164.8	170.3	43.1	3.3
Ferromolybdenum .....	0317	12/88	100.0	101.3	101.7	( <sup>2</sup> )	.4
<b>Steel mill products .....</b>	<b>1017</b>		<b>114.0</b>	<b>115.2</b>	<b>114.9</b>	<b>3.8</b>	<b>-3</b>
Semifinished steel mill products .....	02	06/82	112.6	115.6	115.1	4.7	-4
Semifinished steel mill products .....	0299		112.7	115.7	115.2	4.7	-4
Hot rolled sheet and strip, incl. tin mill .....	03	06/82	121.6	122.3	122.2	4.7	-1

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Steel mill products—Continued .....	1017						
Hot rolled bars, plates, & structural shap .....	04	06/82	111.5	112.6	111.7	2.2	-0.8
Steel wire .....	05	06/82	103.7	106.0	105.3	3.4	-7
Plain wire, carbon steel .....	0511		97.5	98.3	98.6	.5	.3
Galvanized wire, carbon steel .....	0515	06/82	98.4	(?)	98.6	4.7	(?)
Other coated wire, carbon steel .....	0519	06/82	103.5	104.9	102.1	-4	-2.7
Wire, stainless steel .....	0551	06/82	135.3	146.0	143.1	15.2	-2.0
Steel pipe and tubes .....	06	06/82	100.7	101.8	101.7	2.3	-1
Standard pipe, carbon .....	0611	06/82	105.2	105.6	105.6	6.2	0
Line pipe, carbon .....	0612		90.3	93.1	93.1	-5.7	0
Casing (OCTG), carbon .....	0614		(?)	(?)	(?)	(?)	(?)
Pressure tubing, seamless, carbon .....	0621	06/82	99.9	99.9	(?)	(?)	(?)
Pressure tubing, welded, carbon .....	0622	06/82	123.0	124.9	(?)	(?)	(?)
Mechanical tubing, seamless, carbon .....	0623		86.4	86.4	86.4	2.0	0
Mechanical tubing, welded, carbon .....	0624		116.3	118.6	119.2	2.7	.5
Structural pipe and tubing, carbon .....	0627	06/82	122.5	122.5	(?)	(?)	(?)
Casing (OCTG), alloy .....	0634		65.2	65.2	(?)	(?)	(?)
Other pipe and tubing, incl. std. pipe, stainless .....	0669	06/82	148.5	161.4	162.5	29.6	.7
Cold rolled sheets and strip .....	07	06/82	123.3	124.7	124.6	5.1	-1
Sheets, c.r., carbon .....	0711		119.1	119.0	118.9	3.7	-1
Strip, c.r., carbon .....	0715		123.3	123.7	123.8	.1	.1
Sheets and strip, c.r., alloy .....	0733	06/82	112.7	112.7	112.7	2.2	0
Strip, c.r., stainless .....	0755		128.4	128.3	128.3	3.8	0
Cold finished bars .....	08	06/82	104.5	106.0	105.5	1.9	-5
Bars, c.f., carbon .....	0811		102.2	102.5	102.3	1.5	-2
Bars, c.f., alloy .....	0831		87.7	88.5	88.5	2.0	0
Bars, c.f., stainless, 300 series .....	0852		120.4	129.5	127.7	5.0	-1.4
Other steel mill products .....	09	06/82	106.3	110.3	110.2	4.0	-1
Nonferrous metals .....	102		149.9	146.5	144.0	11.4	-1.7
Nonferrous metal ores .....	1021		129.2	113.2	107.6	9.0	-4.9
Copper ores .....	02	06/88	167.9	141.2	130.4	(?)	-7.6
Silver ores .....	04	12/83	78.2	70.0	63.8	-23.8	-8.9
Gold ores .....	05	06/85	122.0	117.2	115.4	-15.0	-1.5
Uranium-radium-vanadium ores .....	08	12/85	60.7	52.4	52.4	-39.9	0
Primary nonferrous metals .....	1022		168.9	161.1	153.1	7.8	-5.0
Primary nonferrous metals, except precious .....	01		177.4	169.0	160.5	9.3	-5.0
Primary aluminum ingot, unalloyed .....	0117		157.1	152.2	152.0	3.0	-1
Primary aluminum, other types, except extrusion bill .....	0119		106.0	106.9	109.7	(?)	2.6
Aluminum extrusion billet .....	0121		181.0	173.3	159.1	-7.0	-8.2
Cobalt .....	0122		64.0	64.0	64.0	12.1	0
Domestic copper cathode .....	0123		212.5	205.6	182.8	21.1	-11.1
Lead, pig, common .....	0127		149.9	131.1	133.0	4.4	1.4
Zinc, slab, prime Western .....	0132		200.1	226.4	213.9	49.1	-5.5
Zinc, slab, special high grade .....	0133		195.4	226.8	214.2	48.2	-5.6
Antimony .....	0136		95.4	93.2	93.2	-6.7	0
Cadmium metal, 99.90 pct. min. ....	0141		382.6	315.5	321.1	-14.0	1.8
Magnesium, pig ingot .....	0151		121.6	121.6	121.6	6.5	0
Titanium sponge .....	0156		95.4	95.4	95.4	6.1	0
Other refined copper, domestic .....	0162	06/83	123.6	116.6	105.8	24.8	-9.3
Other nonferrous metals, unalloyed .....	0181	06/88	114.5	114.5	117.5	(?)	2.6
Precious metals .....	02		93.8	91.2	88.5	-14.2	-3.0
Gold, refined .....	0271		106.9	101.7	99.4	-16.3	-2.3
Silver, bar, refined, .999 fine .....	0272		74.3	73.1	70.3	-14.4	-3.8
Platinum .....	0273		111.7	111.7	111.5	-6	-2
Nonferrous scrap .....	1023		198.6	196.7	193.3	19.8	-1.7
Copper base scrap .....	01		185.7	190.5	185.9	24.7	-2.4
No. 1 copper scrap, including wire .....	0101	12/86	198.0	193.5	192.5	27.7	-5
No. 2 copper scrap, including wire .....	0102	12/86	218.0	229.3	226.2	34.2	-1.4
Other copper and brass scrap .....	0104	12/86	185.0	190.4	180.7	21.8	-5.1
Copper and brass scrap, exports .....	0199	12/86	213.3	227.3	220.3	27.9	-3.1
Aluminum base scrap .....	02		227.9	221.8	220.4	.9	-6
Solids and clippings, new scrap .....	0201	12/86	173.3	169.4	170.1	5.4	.4
Used beverage can scrap .....	0205	12/86	192.8	195.8	194.8	-7	-5
Other old scrap .....	0206	12/86	190.6	179.2	179.5	-6	.2
Aluminum scrap, exports .....	0299	12/86	210.2	205.4	208.3	1.1	1.4
Other nonferrous scrap nec. ....	03		178.3	173.8	169.0	70.2	-2.8
Lead scrap .....	0301	12/86	183.7	147.0	129.2	-9.7	-12.1
Secondary nonferrous metals .....	1024		138.9	133.5	133.9	5.4	.3
Aluminum, except extrusion billet .....	02		187.6	184.5	183.4	-1.4	-6
Ingot for die casting .....	0221	06/88	98.3	95.2	94.7	(?)	-5
Other aluminum .....	0224		181.0	179.4	178.6	2.1	-4
Refined copper .....	03		152.6	138.2	145.4	28.3	5.2
Copper, unalloyed .....	0301		149.8	(?)	134.7	(?)	(?)
Brass ingot, alloyed .....	0302		123.9	(?)	(?)	(?)	(?)
Refined lead .....	04		122.6	110.8	112.6	13.5	1.6
Lead, unalloyed .....	0401		161.7	138.3	139.7	(?)	1.0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
<b>Secondary nonferrous metals--Continued</b>							
Antimonial lead, alloyed	1024 0402		148.3	129.7	132.6	9.5	2.2
Refined zinc	05		170.5	184.8	175.6	37.5	-5.0
Precious metals	06		102.9	98.8	96.4	-14.2	-2.4
Gold	0601		106.7	101.6	99.3	( <sup>2</sup> )	-2.3
Other nonferrous metals	07		97.3	113.8	114.1	44.8	.3
<b>Nonferrous mill shapes</b>							
Aluminum mill shapes	1025 01		140.6	140.6	138.7	8.9	-1.4
Sheet, rolled, bare, all others	0107		138.3	137.1	136.3	5.7	-6
Foil, plain (under .006 inches)	0111		151.8	140.0	137.0	-3.3	-2.1
Tube, extruded, 6000 alloy series	0121		135.1	130.2	130.0	8.5	-2
Tube, drawn, 6000 alloy series	0123		134.5	133.6	133.1	7.8	-4
Bar, extruded, other than 2000 and 7000 alloy series	0132		132.0	133.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Pipe, extruded	0135		178.7	173.5	173.4	32.3	-1
Rod, extruded, other than 2000 and 7000 alloy series	0147		144.4	146.4	144.8	11.6	-1.1
Extrusion, solid, circle size under 3	0151		155.2	150.6	148.9	-7	-1.1
Extrusion, solid, circle size 3 to under 4	0152		147.1	146.6	146.3	5.9	-2
Extrusion, solid, circle size 4 to under 5	0153		142.3	141.0	140.4	1.0	-4
Extrusion, solid, circle size 5 to 9	0154		144.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Extrusion, solid, circle size 10 and over	0156	06/87	149.0	146.8	146.1	3.3	-5
Extrusion, solid, in 2000 and 7000 alloy series	0157		135.4	134.5	133.6	5.0	-7
Copper and brass mill shapes	02		138.0	134.0	132.4	2.0	-1.2
Copper-base alloy strip	0231		191.1	190.3	184.1	21.7	-3.3
Copper-base alloy rod	0232		172.7	174.0	165.0	24.0	-5.2
Copper-base alloy tube, non-plumbing	0233		193.2	209.7	210.1	29.5	.2
Copper tubing, non-plumbing	0253		148.7	155.1	147.5	20.7	-4.9
Copper rod	0256		166.4	168.9	155.8	16.2	-7.8
Copper strip	0263	12/86	210.0	201.2	202.2	32.3	.5
Other copper and copper-alloy mill shapes	0265	12/86	176.7	173.7	161.0	15.1	-7.3
Nickel alloy mill shapes	04		183.3	176.8	166.0	17.6	-6.1
Other nickel mill shapes, except wire	0465	12/87	139.6	144.4	142.3	23.5	-1.5
Titanium mill shapes	05		170.0	172.1	170.3	17.9	-1.0
Titanium flat products	0502	12/87	87.2	101.5	101.5	27.5	0
Other titanium mill shapes, except wire	0503	12/87	118.7	136.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other mill shapes	19		126.1	148.0	148.0	29.5	0
Gold mill shapes, except wire	1901	06/82	103.9	104.5	102.5	-5.0	-1.9
Silver mill shapes, except wire	1902	06/83	135.5	129.7	126.9	( <sup>2</sup> )	-2.2
Zirconium mill shapes, except wire	1951	12/87	( <sup>2</sup> )	58.5	58.9	( <sup>2</sup> )	-2.7
Lead mill shapes, except wire	1997	06/83	93.2	93.7	93.7	-7.5	0
Other nonferrous metal wire	1998	06/83	79.2	86.7	90.3	17.6	4.2
			132.8	145.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Nonferrous wire and cable</b>							
Electric wire and cable	1026 0301	12/82	149.2	147.3	148.0	21.1	.5
Telephone and telegraph wire and cable	0303	12/82	132.5	135.5	136.2	14.6	.5
Control and signal wire and cable	0305	12/82	155.4	167.2	169.1	39.2	1.1
Building wire and cable	0307	12/82	127.3	129.9	130.6	12.0	.5
Apparatus wire and cordage	0309	12/82	195.0	171.5	171.0	25.1	-3
Magnet wire	0311	12/82	126.5	126.5	132.4	18.4	5.0
Power wire and cable	0313	12/82	157.2	151.5	152.4	19.4	.6
Copper and copper-alloy wire & cable, bare & thinned	0314	12/86	140.8	139.9	137.4	13.7	-1.8
Automotive primary wire	0317		160.9	153.6	154.6	22.0	.7
Airframe, shipboard and ground support cable	0323	12/82	165.0	154.5	153.3	18.0	-8
Appliance wire and flexible cord sets	0324	12/85	129.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other insulated and covered wire and cable, copper	0325	12/82	133.8	129.9	129.9	8.6	0
Aluminum wire and cable, bare	0331	06/87	120.0	122.8	122.8	13.3	0
Fiber optic cable	0333	12/88	122.2	118.0	123.8	0	4.9
Other bare nonferrous metal	0335	12/88	100.4	100.3	100.2	( <sup>2</sup> )	-1
			100.4	99.0	99.3	( <sup>2</sup> )	.3
<b>Nonferrous forge shop products</b>							
Hot impressed die, in part, press, & upse	1027 0111	12/83	118.7	122.5	122.4	8.3	-1
Other forgings	0122	12/83	115.4	119.6	119.4	6.2	-2
			136.2	137.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Nonferrous foundry shop products</b>							
Castings, alum./alum.-base alloy	1028 02		126.8	128.0	129.5	8.5	1.2
Motor vehicle die castings	0201		129.1	129.2	130.0	6.7	.6
Other die castings	0203	06/83	134.4	134.9	132.5	5.6	-1.8
Sand castings	0204	06/83	130.2	130.4	131.3	4.3	.7
Perm. and semi-perm. mold castings	0205	06/83	125.5	125.6	127.5	10.4	1.5
Copper and copper-base alloy castings	03	06/83	118.3	118.2	122.8	11.5	3.9
Copper and copper-base alloy sand castings	0301	06/83	120.4	123.6	124.2	9.2	.7
Other copper/copper-base alloy castings	0302	06/83	120.1	123.6	123.9	7.7	.2
Zinc Castings	04		129.1	130.2	133.3	16.8	2.4
Zinc and zinc-base alloy castings	0401						
Other nonferrous castings	06	06/83	127.8	133.4	139.0	19.0	4.2
			124.9	124.1	124.1	4.0	0
<b>Metal containers</b>							
Metal cans and can components	103 1031		110.1	110.2	110.5	.1	.3
Steel cans	02		109.8	109.8	110.2	-1	.4
Fruit and fruit juice cans	0209		117.3	117.0	117.3	2.2	.3
			120.2	120.7	120.5	-1.1	-2

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Metal cans and can components--Continued .....	1031						
Vegetable and vegetable juice cans .....	0211		106.6	105.8	106.6	2.8	0.8
All other food (including soup) cans .....	0215		122.7	122.7	122.7	-1.4	0
Paint and varnish cans .....	0218		117.9	117.9	117.9	3.0	0
Aerosol cans .....	0219		112.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
All other non-food cans .....	0222		125.9	125.9	125.9	6.5	0
Aluminum cans .....	03		99.6	100.0	100.5	-2.0	.5
Soft drink cans .....	0301		101.2	101.9	101.6	-1.8	-3
Beer cans .....	0302		97.1	97.2	98.9	-2.7	1.7
Metal can component (steel and aluminum) .....	04						
Metal can components (steel and aluminum) .....	0401		92.4	90.9	91.4	-13.0	.6
Barrels, drums, and pails .....	1032		115.9	116.9	116.0	1.6	-8
Steel pails .....	0101		126.0	128.4	128.2	3.1	-2
Steel shipping barrels and drums .....	0102		114.2	114.9	113.5	1.3	-1.2
Hardware .....	104		117.3	119.2	119.8	6.0	.5
Hardware, n.e.c. ....	1041		114.1	115.7	116.4	6.2	.6
Builders hardware .....	01		126.1	126.2	127.8	4.9	1.3
Doorlocks, locksets, locktrim, exc.arch. trim .....	0122	06/85	112.7	111.9	114.3	6.4	2.1
Hinges, exc. cabinet hinges, incl. spring hinges .....	0124	06/85	104.6	103.4	106.4	4.8	2.9
Door controls, closers and checking devices .....	0132	06/85	111.2	111.2	112.3	2.0	1.0
Key blanks .....	0139	06/85	112.5	118.8	119.3	16.1	.4
Hangers, tracks and related items .....	0141	06/85	110.0	110.0	110.7	2.2	.6
Window hardwood .....	0144	06/85	111.5	( <sup>2</sup> )	114.1	5.1	( <sup>2</sup> )
Cabinet hinges .....	0146		139.9	156.4	155.3	15.2	-.7
Cabinet hardware .....	0147	06/85	119.6	119.6	120.4	2.2	.7
Others builders hardware .....	0148	06/85	112.9	113.1	113.1	5.5	0
Screen and storm door hardware .....	0149	06/85	104.5	104.9	107.2	7.3	2.2
Transportation equipment hardware .....	03		103.7	107.0	107.1	8.8	.1
Motor vehicle hardware .....	0311	06/85	97.1	98.6	98.7	6.9	.1
Marine hardware .....	0321	06/85	119.6	121.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Aircraft hardware .....	0331	06/85	115.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Furniture hardware .....	04		122.7	122.7	122.7	2.4	0
Other hardware, n.e.c. ....	05	06/85	100.1	101.0	101.4	4.1	.4
Hand and edge tools .....	1042		124.4	126.9	127.2	5.6	.2
Axes, adzes, and hatchets .....	0106		107.1	115.4	115.4	8.5	0
Adjustable wrench, including pipe .....	0133		121.4	122.0	122.0	5.0	0
Screwdrivers .....	0141		129.0	130.8	130.8	4.7	0
Wrench socket .....	0147		128.0	130.1	130.1	3.6	0
All other wrenches .....	0149	06/83	123.6	126.4	126.5	4.2	.1
Pliers .....	0151		112.5	117.1	117.2	5.2	.1
Hammers, light forged .....	0161		113.5	115.7	115.7	1.9	0
Steel goods (forks, hoes, rakes, etc.) .....	0166		136.3	136.3	136.3	8.6	0
All other mechanics' hand service tools .....	0178	06/83	117.2	123.0	124.1	10.4	.9
All other edge tools .....	0179	06/83	117.3	118.5	118.0	2.8	-.4
Other hand tools, except edge tools .....	0183	06/83	122.9	123.6	124.5	6.0	.7
Plumbing fixtures and brass fittings .....	105		133.8	136.7	137.8	7.3	.8
Vitreous china fixtures .....	1052		122.2	122.9	123.7	3.4	.7
Plumbing fixtures .....	0112	06/85	106.5	107.2	107.9	3.5	.7
Fixture accessories and fittings .....	0113	06/85	109.5	109.5	109.5	2.7	0
Brass fittings .....	1054		141.6	145.4	146.6	8.8	.8
Bath and shower fittings .....	0211	06/83	122.5	127.3	128.5	6.6	.9
Lavatory fittings .....	0215	06/83	118.3	122.0	123.0	8.1	.8
Sink fittings .....	0219	06/83	136.6	141.1	144.0	12.2	2.1
Miscellaneous brass goods .....	0223	06/83	148.6	151.1	151.4	8.5	.2
Metal sanitary ware .....	1056		109.0	111.0	112.3	6.2	1.2
Drinking fountains .....	0103	12/86	109.7	111.6	113.1	9.1	1.3
Sinks and sink laundry tray combinations .....	0105	12/86	117.8	119.8	121.5	11.7	1.4
Bath tubs .....	0107	12/86	104.2	105.6	107.0	3.8	1.3
Urinals .....	0109	12/86	115.5	117.7	117.7	8.4	0
Heating equipment .....	106		121.8	124.8	124.7	5.0	-.1
Steam and hot water equipment .....	1061		126.1	127.1	127.1	1.6	0
Gas heating boilers .....	0102		121.3	122.3	122.3	1.1	0
Oil heating boilers .....	0103		121.8	124.2	124.2	4.3	0
Warm air furnaces .....	1062		117.2	119.4	119.4	3.9	0
Gas-fired wall furnaces .....	0136		128.3	130.2	130.2	7.0	0
Forced air, gas .....	0142		118.3	119.4	119.5	2.9	.1
Conversion burners and parts .....	1063		119.3	128.1	129.1	9.9	.8
Gas burners, 400 mbh and under .....	0121		122.1	127.6	127.6	5.5	0
Com./ind. dual fuel burners .....	0136		118.0	126.6	126.6	9.1	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Domestic heating stoves .....	1064		115.2	120.3	117.7	5.8	-2.2
Wood/coal stoves, air tight .....	0126		(?)	(?)	(?)	(?)	(?)
Other domestic heating stoves .....	0137	06/86	110.4	113.2	113.2	2.9	0
Water heaters, domestic .....	1066		118.4	119.6	118.9	3.8	-6
Electric .....	0101		117.5	117.3	117.5	4.4	.2
Gas .....	0113		119.2	121.1	119.3	2.7	-1.5
Other systems and other parts .....	1067		126.8	128.5	129.6	5.5	.9
Other heating systems .....	01		114.6	119.1	119.3	6.4	.2
Other heating systems, n.e.c. ....	0126		111.5	116.4	116.0	5.6	-.3
Other parts, n.e.c. ....	02		134.9	134.9	136.6	4.9	1.3
Fabricated structural metal products .....	107		118.2	119.8	120.4	5.8	.5
Metal doors, sash, and trim .....	1071		127.6	130.0	130.3	7.2	.2
Metal doors and frames, exc. storm .....	02	06/83	126.8	129.4	130.0	7.9	.5
Aluminum doors .....	0201	06/83	128.4	131.4	131.8	8.7	.3
Iron and steel doors .....	0203	06/83	125.3	128.2	128.8	7.7	.5
Steel door frames .....	0205		124.6	125.1	127.9	3.9	2.2
Aluminum door frames .....	0206	06/88	109.9	110.2	(?)	(?)	(?)
Metal window sash and frames, exc. storm .....	03	06/83	123.5	124.0	123.8	5.6	-.2
Aluminum window sash and frames .....	0309	06/83	124.1	124.6	124.4	5.8	-.2
Steel window sash and frames .....	0311		(?)	113.9	113.9	2.4	0
Metal molding and trim and storefronts .....	04						
Metal molding and trim and storefronts .....	0413	06/83	123.3	137.7	138.2	19.7	.4
Storm sash and doors .....	05						
Storm sash and doors .....	0515	06/83	126.1	126.6	126.6	3.8	0
Screens and weatherstrip .....	06						
Screens and weatherstrip .....	0617	06/83	120.2	120.1	120.1	3.5	0
Metal tanks .....	1072		107.9	110.2	111.6	6.8	1.3
Bulk storage tank, 6000 gallons or less .....	0112		113.1	114.2	126.8	17.4	11.0
Bulk storage tank, over 6000 gallons .....	0113		111.1	111.2	112.9	3.9	1.5
Non-LPG gas cylinders .....	0122		108.8	110.4	110.3	4.5	-.1
Custom tanks, 3/4 inch and less .....	0138		118.6	123.6	125.9	15.0	1.9
Petroleum storage tanks .....	0147		95.8	96.7	96.8	-1.1	.1
All other customized tanks, field assembled .....	0148	12/86	(?)	(?)	(?)	(?)	(?)
Sheet metal products .....	1073		124.5	126.0	127.4	7.5	1.1
Roofing, steel .....	0101		99.5	102.5	111.3	11.6	8.6
Roof drainage equipment, steel .....	0107	06/83	160.7	165.6	158.6	-.9	-4.2
Roof drainage equipment, aluminum .....	0108	06/83	126.7	122.9	122.9	3.9	0
Siding, aluminum .....	0109	12/82	122.5	122.6	(?)	(?)	(?)
Siding, steel .....	0116	06/83	111.2	111.1	115.8	14.2	4.2
Soffits, fascia, and shutters, aluminum .....	0119	06/83	139.1	(?)	(?)	(?)	(?)
Stovepipe, furnace smokepipe, elbows & ducts, steel .....	0145	12/82	117.8	119.9	119.9	4.2	0
Air conditioning ducts, incl. dust collecting, steel .....	0146	12/82	117.8	118.0	118.3	5.6	.3
Cornices, skylights, ceiling domes, coping, etc. ....	0156	12/87	111.9	111.9	111.9	3.9	0
Restaurant, hotel & kitchen sheet metal equipment .....	0164	12/82	(?)	(?)	(?)	(?)	(?)
Awnings, canopies, and carports, prefab., aluminum .....	0165	12/82	138.8	140.4	140.4	3.9	0
Other sheet metal work, steel .....	0166	12/82	119.9	122.7	123.1	5.9	.3
Other sheet metal work, aluminum .....	0167	12/82	133.8	133.7	134.6	9.4	.7
Other sheet metal work, not steel or aluminum .....	0169	06/83	135.1	136.1	137.2	13.3	.8
Struct., arch., pre-eng. metal products .....	1074		115.4	116.5	116.6	3.6	.1
Fabricated iron and steel pipe and fitting .....	02		116.6	116.4	116.6	.7	.2
Petrochemical, paper mill, & water sewage treatment .....	0212	12/86	103.7	101.0	101.0	-4.7	0
Other iron and steel pipe and fittings .....	0214		119.5	119.6	119.9	-.9	.3
Fabricated iron and steel tube and fitting .....	03		126.3	120.5	121.7	-3.0	1.0
Welded tubing .....	0302		124.3	120.5	121.8	-1.5	1.1
Other iron and steel tube and fittings .....	0304	06/83	144.1	144.1	(?)	(?)	(?)
Nonferrous pipe and tube fabrication .....	04		146.2	145.6	148.1	10.0	1.7
Aluminum pipe and tube fabrication .....	0401		116.3	113.9	124.7	11.5	9.5
Copper pipe and tube fabrication .....	0402		151.2	151.2	151.2	19.7	0
Other nonferrous pipe and tube fabrication .....	0403		159.1	159.1	(?)	(?)	(?)
Fabricated structural metal .....	05		115.8	118.0	117.8	4.2	-.2
Fabricated structural metal for buildings .....	0501		117.0	117.5	117.6	2.0	.1
Fabricated structural metal for bridges .....	0511		110.6	115.6	117.7	11.9	1.8
Other fabricated structural metal .....	0512	06/82	113.3	118.4	117.0	7.4	-1.2
Miscellaneous metal work .....	07		103.5	104.3	104.6	4.7	.3
Fabricated concrete reinforcing bars .....	0791		103.3	103.4	103.4	4.6	0
Architectural and ornamental metalwork .....	08	12/83	115.5	117.1	117.5	3.8	.3
Warm air or air conditioning grilles, .....	0801	12/83	108.7	108.5	108.7	3.2	.2
Stairs .....	0803	12/83	112.8	114.7	114.9	2.9	.2
Railings .....	0804	12/83	108.1	109.1	110.2	2.5	1.0
Grating and grating treads .....	0805	12/83	130.5	133.8	133.8	4.5	0
Light gauge metal framing .....	0806	12/83	120.6	119.4	119.4	-1.5	0
Ground supported scaffolding and shor .....	0808	12/83	109.4	111.1	111.1	2.8	0
Other architectural and ornamental met .....	0809	12/83	112.9	116.8	117.8	8.4	.9

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Heat exchangers and condensers .....	1075		132.7	135.4	136.1	9.3	0.5
Bare tube heat exchangers .....	0101		136.9	138.7	139.4	9.2	.5
Fin tube heat exchangers .....	0102		123.2	127.5	128.0	7.9	.4
Steam condensers .....	0107		149.0	150.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Fabricated steel plate .....	1076		117.2	118.1	118.8	8.3	.6
Weldments .....	0111		125.8	127.4	127.4	6.6	0
Steel plate for containers .....	0112	12/86	112.9	114.7	119.7	9.5	4.4
Other fabricated steel plate .....	0121		114.4	114.7	114.8	9.1	.1
Steel power boilers .....	1077		95.4	97.3	98.1	-1.7	.8
Prefabricated metal buildings .....	1079		110.9	112.5	113.4	5.5	.8
Prefab. metal bldg systems, ex. farm svcs .....	01		108.6	110.0	111.0	5.4	.9
Industrial and commercial .....	0115		108.9	110.1	111.3	5.6	1.1
Public and educational .....	0118		108.0	110.4	110.4	4.2	0
Other prefab. & portable metal buildings .....	02		114.2	116.4	117.1	6.1	.6
Other farm service buildings, steel and aluminum .....	0215		107.0	110.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Small utility bldgs, incl. tool sheds, cabanas, etc. ....	0221		117.4	118.0	118.0	5.3	0
Dwellings & other non-farm buildings .....	0235		122.8	126.9	128.4	8.4	1.2
Panels, parts, & sections for prefab bldgs .....	03						
Panels, parts, sections for prefabricated buildings .....	0354		107.7	108.2	108.4	1.5	.2
Miscellaneous metal products .....	108		115.3	116.3	116.5	4.0	.2
Bolts, nuts, screws, rivets, and washers .....	1081		109.2	109.1	110.7	3.8	1.5
Externally thread. fasteners, ex. aircraft .....	02	06/82	112.2	112.0	112.0	1.3	0
Hex bolts .....	0206	06/82	95.8	96.6	96.6	1.4	0
Square and round bolts .....	0207	06/82	112.2	112.2	112.2	-6	0
Studs .....	0208	06/82	101.6	101.5	102.2	3.4	.7
Flanged self locking sets, lag and wood screws .....	0209	06/82	155.2	157.6	157.6	.8	0
Machine screws .....	0221		110.7	111.3	110.9	2.2	-4
Cap screws .....	0231		121.6	124.0	123.5	7.5	-4
Tapping screws .....	0236		110.5	111.2	111.8	4.1	.5
Mine roof bolts .....	0241		111.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
High-strength structural and bent bolts .....	0246		114.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Thread-cutting & rolling, & self drilling screws .....	0256	06/82	103.2	103.9	103.9	2.7	0
Other externally threaded fasteners .....	0261	06/82	114.2	114.8	114.6	1.3	-2
Internally thread. fasteners, ex. aircraft .....	03	06/82	96.7	99.3	99.3	3.5	0
Nonthreaded fasteners, except aircraft .....	04	06/82	108.5	110.6	110.6	5.6	0
Aircraft-aerospace fasteners .....	05	06/82	106.6	107.4	116.9	10.5	8.8
Other formed fasteners .....	06	06/82	112.2	104.5	105.6	3.4	1.1
Lighting fixtures .....	1083		121.1	123.4	123.6	5.3	.2
Residential .....	02		125.9	127.0	126.9	5.7	-1
Incandescent interior, including bath .....	0221	12/83	117.8	119.2	119.1	5.6	-1
Incandescent outdoor .....	0222		126.4	127.0	126.9	3.4	-1
Commercial/institutional or industrial .....	03		119.8	123.4	122.9	4.5	-4
Commercial incandescent fixtures, surface or pendant .....	0301		131.5	132.8	132.8	1.0	0
Commercial incandescent fixtures, recessed .....	0303		136.6	141.0	141.0	7.4	0
Commercial H.I.D. fixtures, mercury and other types .....	0311		125.1	132.3	129.3	8.1	-2.3
Commercial floor. fixtures, recessed air handling .....	0321		112.6	116.2	114.8	7.3	-1.2
Commercial floor. fixtures, recessed non-air .....	0323		106.1	111.3	111.3	5.1	0
Commercial fluorescent strip lights .....	0325		111.1	114.6	115.3	3.6	.6
Commercial fluorescent ceiling systems .....	0327		116.8	116.4	116.5	7.8	.1
Commercial fluorescent fixtures, plastic wraparound .....	0329		111.7	116.4	115.8	4.4	-5
Commercial fluorescent fixtures, surface or pendant .....	0333		119.2	125.3	125.3	5.9	0
Component or renewal parts for commercial fixtures .....	0345		126.2	128.0	128.0	4.1	0
Industrial fluorescent fixtures, general types .....	0361		123.3	124.3	126.3	6.5	1.6
Industrial H.I.D. fixtures, mercury and other types .....	0371		122.1	122.3	122.3	2.8	0
Vehicular .....	04		110.8	113.7	113.0	3.5	-6
Motor vehicle incandescent lighting .....	0401	12/83	102.3	103.9	103.5	2.0	-4
All other vehicular lighting equipment .....	0402	12/83	119.2	126.0	124.6	8.3	-1.1
Lighting equipment, n.e.c. ....	05		128.0	128.5	130.5	7.3	1.6
Outdoor lighting equipment, including parts .....	0522	06/85	108.8	109.3	111.7	10.3	2.2
Other electric and non-electric lighting .....	0524	06/85	107.7	108.0	108.4	2.1	.4
Ammunition, except for small arms .....	1085	12/85	101.0	100.5	101.0	1.0	.5
Ordnance and accessories, n.e.c. ....	1086	12/85	99.8	98.2	98.2	-8.3	0
Fabricated ferrous wire products .....	1088	06/82	110.2	111.1	112.0	4.9	.8
Ferrous wire rope, cable and strand .....	01	06/82	102.5	104.6	104.6	7.7	0
Wire rope and cable .....	0111	06/82	106.1	108.3	108.3	8.4	0
Composite wire strand, rope and cable .....	0121	06/82	114.2	120.0	120.0	5.1	0
Wire strand, other than composite types .....	0199	06/82	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Steel nail and spikes .....	02	06/82	107.0	105.4	107.8	2.1	2.3
Bright nails .....	0211		109.1	106.5	111.2	6.5	4.4
Galvanized nails .....	0213		105.2	101.0	102.8	-5	1.8
Other wire nails .....	0219	06/82	109.8	104.9	106.1	5.3	1.1
Steel wire staples .....	0223	06/82	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
<b>Fabricated ferrous wire products—Continued</b>	<b>1088</b>						
Steel fencing and fence gates	06	06/82	113.8	115.5	116.2	6.9	0.6
Chain link fencing	0613		119.2	121.6	121.4	2.1	-2
Wire fence, woven and welded	0621		107.6	106.1	107.9	4.3	1.7
Fence posts, gates and fittings	0635	06/82	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Ferrous wire cloth, other woven wire prod.	07	06/82	115.5	118.0	118.1	7.3	.1
Insect wire screening	0721		98.7	104.4	104.2	5.9	-2
Woven wire netting	0771	06/82	107.4	109.3	109.6	3.7	.3
Wire cloth and other woven wire products	0799	06/82	117.6	120.3	120.3	8.0	0
Other fabricated ferrous wire products	09	06/82	113.2	113.5	114.9	3.5	1.2
Wire chain, tire	0941	06/82	127.0	127.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Barbed and twisted steel wire	0951		105.9	105.8	105.7	5.2	-1
Welded steel wire fabric for concrete reinforcing	0961		107.3	107.6	109.1	-2.2	1.4
Other steel wire fabric	0965	06/82	105.0	104.6	104.5	3.1	-1
Wire carts	0973	12/82	116.8	( <sup>2</sup> )	121.3	8.5	( <sup>2</sup> )
Other wire products	0999	06/82	123.5	123.9	125.7	4.4	1.5
<b>Other miscellaneous metal products</b>	<b>1089</b>		117.5	118.6	118.6	4.4	0
Hot formed springs	02		102.4	102.8	103.3	1.7	.5
Orig. equip. leaf springs, except for passenger cars	0216		99.8	99.8	99.8	1.7	0
Replacement leaf springs for motor vehicles	0217		98.1	98.8	98.8	1.2	0
Locomotive, railroad car & other helical springs	0225		111.4	113.0	113.0	5.1	0
Cold formed springs	03		113.8	115.1	114.6	2.8	-4
Wire springs	04		112.4	113.7	113.7	2.2	0
Precision mechanical springs	0424		120.8	122.0	122.0	2.7	0
Other wire springs	0425	12/82	104.7	106.1	106.1	1.6	0
Other metal products	05		117.9	118.9	119.0	3.1	.1
Original equipment automobile stampings	0506		107.8	108.5	108.5	1.5	0
Automotive screw machine products	0521	12/83	119.0	119.6	119.6	3.7	0
Other screw machine products	0522	12/83	114.7	116.7	117.0	5.1	.3
Metal powders, paste, and flake	0564	06/85	133.1	133.1	133.2	7.8	-1
Nonferrous nails, brads, staples, tacks, etc.	0566	06/85	112.6	113.7	112.3	2.0	-1.2
Other fabricated metal products	0589	06/85	110.8	112.1	112.1	4.2	0
Metal crowns and closures	06	12/83	111.3	112.6	112.4	6.2	-2
Metal commercial closures (caps)	0611	12/83	111.1	112.5	112.6	8.0	.1
Other metal closures, except crowns	0615	12/83	108.3	108.3	108.3	1.0	0
Metal crowns	0617	12/83	112.7	115.5	114.1	6.3	-1.2
Metal stampings n.e.c.	07	06/84	116.0	117.5	117.2	7.1	-3
Job stampings, non-automotive	0701		128.0	130.5	130.0	6.4	-4
Other stamped and pressed metal end products	0731	06/84	115.6	115.6	115.8	8.6	.2
Metal foil and leaf	08	12/84	112.0	113.3	113.1	9.3	-2
Laminated aluminum foil rolls and sheets	0811	12/84	103.6	104.9	104.7	8.5	-2
Converted unmounted alum. foil for nonpkg appl.	0821	12/84	111.1	112.0	112.0	9.2	0
Other metal foil and leaf	0831	12/84	122.8	122.7	121.7	8.1	-8
<b>Metal treatment services</b>	<b>109</b>	12/84	113.3	114.4	114.3	5.5	-1
<b>Metal treatment services</b>	<b>1091</b>						
Metal plating and polishing	01	12/84	116.5	117.5	117.3	7.5	-2
Metal coating and allied services	02	12/84	114.0	115.4	115.3	5.3	-1
Metal heat treating	03	06/85	104.4	105.0	105.0	1.0	0
Metal heat treating - South Central	0333	06/85	104.6	105.5	105.5	1.5	0
Metal heat-treating - Michigan	0334	06/85	100.4	99.9	99.9	-8	0
Metal heat treating - North Central	0336	06/85	104.2	106.2	106.0	1.7	-2
Metal heat treating - Pacific Coast	0337	06/85	106.1	106.9	106.9	.8	0
Metal heat treating - Southwest	0338	06/85	103.8	103.8	103.8	1.3	0
<b>Machinery and equipment</b>	<b>11</b>		115.6	116.6	116.9	3.5	.3
<b>Agricultural machinery and equipment</b>	<b>111</b>		114.2	116.1	116.7	3.7	.5
<b>Farm and garden tractors</b>	<b>1111</b>		113.2	117.6	119.1	7.3	1.3
Farm tractors, wheel type	02	12/82	105.2	112.1	113.7	8.8	1.4
Farm tractors, two wheel drive	0201		108.3	117.8	119.9	11.4	1.8
Farm tractors, four wheel drive	0211	12/82	106.5	106.5	106.5	.8	0
Garden tractors	05						
Garden tractors	0522		129.9	131.9	131.8	5.4	-1
Farm tractor parts and attachments	52	12/82	113.5	112.1	113.5	4.4	1.2
Attachments	5221	12/82	116.7	116.7	116.7	2.8	0
<b>Agricultural machinery excl. tractors</b>	<b>1112</b>		114.2	114.7	115.0	.8	.3
Plows	01		121.7	122.2	122.1	5.3	-1
Plows	0111	12/82	115.4	115.8	115.8	5.4	0
Harrows, rollers, and stalk cutters	02		113.2	113.8	114.2	1.4	.4
Stalk shredders and cutters	0211	12/82	113.4	115.0	115.0	4.5	0
Harrows and combination tillage equipment	0221	12/82	108.5	( <sup>2</sup> )	109.3	.1	( <sup>2</sup> )
Planting, seeding, and fertilizing mach.	03		111.6	112.2	113.3	2.0	1.0
Planting and seeding machinery	0311	12/82	107.7	108.3	108.4	0	.1
Fertilizing machinery	0321	12/82	110.9	111.9	114.9	6.7	2.7
Cultivators	04		124.6	123.1	124.6	6.2	1.2
Cultivators	0411	12/82	122.0	120.4	121.9	6.2	1.2

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Agricultural machinery excl. tractors--Continued	1112						
Sprayers and dusters	05		116.0	116.1	116.3	4.2	0.2
Sprayers and dusters	0511	12/82	114.7	114.7	114.9	4.3	.2
Harvesting machinery	06		118.5	118.6	118.7	-2.0	.1
Harvesting machinery	0611	12/82	112.5	112.7	112.8	-1.9	.1
Haying machinery	07		113.3	113.8	113.8	2.0	0
Haying machinery	0711	12/82	109.5	109.9	109.9	1.9	0
Crop preparation machinery	08		113.0	112.8	112.8	1.7	0
Crop preparation machinery	0811	12/82	111.3	111.1	111.2	1.8	.1
Farm elevators and blowers	09		120.5	118.9	118.9	3.4	0
Farm wagons & other farm transport equip.	11		116.4	119.6	119.7	2.6	.1
Farm wagons and other farm transportation equipment	1111	12/82	115.0	118.2	118.3	2.5	.1
Commercial turf and grounds mowing equip.	12	12/82	111.9	113.0	113.7	2.5	.6
Commercial turf & grounds moving equipment	1211	12/82	111.9	113.0	113.7	2.5	.6
Comm. turf & grounds care eq., parts & att	13	06/83	123.9	123.5	123.5	3.8	0
Parts for farm machinery, excl. tractors	51		107.0	108.8	108.9	1.4	.1
Parts, farm machinery, sold for replacement/repair	5192	12/82	105.5	108.1	108.3	1.6	.2
Attachments, farm machinery, ex. tractors	52	12/82	107.4	106.2	106.2	.7	0
Agricultural equipment	1113		118.0	118.6	118.8	7.5	.2
Poultry equipment	01		106.7	107.3	107.3	1.1	0
Barnyard and hog equipment	02		113.7	113.7	114.6	3.7	.8
Water systems	03		111.4	112.0	112.0	6.2	0
Irrigation systems	04	12/82	112.4	112.4	112.4	6.2	0
Self-propelled irrigation systems, center pivot	0401	12/82	111.8	( <sup>2</sup> )	111.8	( <sup>2</sup> )	( <sup>2</sup> )
Parts, agricultural equipment	51	12/82	129.9	131.4	131.4	14.5	0
Construction machinery and equipment	112		115.1	116.0	116.2	4.6	.2
Power cranes, excavators, and equipment	1121		120.9	122.4	122.7	7.4	.2
Excavators	04		122.9	122.9	122.9	2.9	0
Cranes	06		121.5	123.7	124.1	8.0	.3
Cable operated cranes	0608		125.5	125.5	127.6	9.8	1.7
Hydraulic operated cranes	0609		123.4	128.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Front end attachments and parts	07		114.7	115.8	115.9	9.5	.1
Front end attachments for cranes and excavators	0701		114.2	114.2	114.9	2.3	.6
Parts for cranes and excavators	0702		113.6	114.8	114.8	10.3	0
Construction equipment for mounting	1122		117.7	118.8	118.9	8.1	.1
Const. equip. for mounting, ex. snow clearing attach	0301	06/86	111.2	111.8	111.8	9.5	0
Snow clearing attachments for mounting	0302		114.8	118.0	118.2	1.6	.2
Specialized construction machinery	1123		118.1	118.6	118.4	4.9	-.2
Continuous ditchers/trenchers, self propelled	0301		114.1	115.7	115.3	1.1	-.3
Portable crushing, screening, and washing plants	0303		116.4	118.1	118.1	3.3	0
Rollers	0304		131.1	131.2	131.0	1.7	-.2
Portable air compressors	1124		110.3	113.4	113.4	5.1	0
Portable air compressors	01		110.3	113.4	113.4	5.1	0
Scrapers and graders	1125		116.2	116.4	116.4	3.7	0
Motor graders, light maintainers	0115	06/86	108.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Parts and other equipment	1126		104.9	105.6	105.8	2.2	.2
Parts/attach., ex cranes/excav./tractors	01		99.9	100.6	100.9	2.5	.3
Parts and attachments sold to oem	0101		99.4	99.4	100.5	( <sup>2</sup> )	1.1
Parts and attachments for replacement and repair	0102		100.4	101.5	101.4	3.4	-.1
Other construction equipment	02		110.3	110.9	111.0	1.6	-.1
Other miscellaneous construction machinery	0207	06/86	104.0	105.3	105.4	2.0	-.1
Mixers, pavers, spreaders, etc.	1127		107.5	108.4	109.9	3.2	1.4
Concrete equipment	0155	06/86	106.4	108.1	110.4	4.8	2.1
Bituminous equipment	0156	06/86	104.0	104.0	104.2	1.1	.2
Tractors, other than farm	1128		116.3	116.9	116.9	3.7	0
Wheel type	01		113.2	113.7	113.7	1.8	0
Crawler type	02		119.1	119.1	119.1	6.3	0
Tractor parts and attachments	03						
Tractor parts and attachments	0305	06/86	105.0	106.2	106.1	3.0	-.1
Tractor shovel loaders	04		115.2	115.4	115.4	3.5	0
Off-highway equipment	1129		116.9	117.2	118.3	7.4	.9
Metalworking machinery and equipment	113		116.0	117.3	117.6	4.1	.3
Metalworking machinery n. e. c.	113-A	06/83	120.5	122.4	122.4	5.1	0
Assembly machines	01						
Assembly machines	0101	06/83	116.0	116.4	116.3	3.2	-.1
Other metalworking machinery	02						
Other metalworking machinery	0201	06/83	124.3	127.8	127.8	6.8	0
Rolling mill machinery	113-B	12/87	107.3	109.5	109.5	8.1	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Power driven hand tools .....	1132		115.6	116.0	115.9	3.9	-0.1
Power hand tools, electric/battery powered .....	06	06/86	107.2	107.2	107.2	3.9	0
Power hand tools, pneumatic/hydr./powder .....	08	06/86	109.5	111.0	110.8	3.8	-2
Welding machines and equipment .....	1133		120.3	122.3	122.3	5.1	0
Arc welding mach., components ex electrode .....	01		116.6	119.4	119.4	4.2	0
Arc welding machines .....	0172	12/84	113.4	117.0	117.0	5.2	0
Components for arc welding mach., exc. electrodes .....	0174	12/84	107.2	108.7	108.7	2.9	0
Resistance welders, components & electrode .....	02		122.2	123.1	122.8	1.9	-2
Arc welding electrodes .....	03		122.8	124.7	124.7	7.7	0
Gas welding machines and equipment .....	04		122.8	124.5	124.5	4.7	0
Industrial process furnaces and ovens .....	1134		122.1	123.3	124.0	4.1	.6
Electric, excluding induction & dielectric .....	01		121.6	122.1	122.5	2.9	.3
Electric furnaces .....	0108	12/86	107.6	107.6	108.0	3.2	.4
Electric industrial ovens and kilns, incl. infrared .....	0109	12/86	104.0	105.7	106.0	2.2	.3
Fuel-fired .....	02		117.0	119.6	120.1	5.5	.4
Fuel-fired furnaces .....	0218	12/86	104.8	(?)	(?)	(?)	(?)
Fuel-fired ovens and kilns .....	0219	12/86	107.3	(?)	109.2	2.7	(?)
Induction and dielectric heating equip. ....	03		125.5	126.4	125.9	.6	-.4
Induction furnaces and heating equipment .....	0326	12/86	103.7	104.4	104.0	.5	-.4
Otr. indus. elec. heat. units; parts/attac .....	05		127.1	127.9	129.7	5.8	1.4
Parts, attachments, and components .....	0543		119.1	121.3	122.5	4.4	1.0
Other industrial electric heating units .....	0545		139.8	139.8	142.0	6.6	1.6
Cutting tools and accessories .....	1135		113.0	113.8	114.6	3.5	.7
Small cutting tools .....	01		109.0	109.6	109.8	2.6	.2
Small cutting tools .....	0116	06/83	107.2	107.7	108.0	2.7	.3
Precision measuring tools .....	02		123.1	125.3	125.5	3.4	.2
Precision measuring tools .....	0243	06/83	119.1	121.2	121.4	3.3	.2
Metalworking power saw blades .....	03	06/83	133.7	134.2	139.0	8.6	3.6
Bandsaw blade .....	0327	06/83	129.2	130.1	131.2	6.8	.8
Other metal working power saw blades .....	0332	06/83	122.6	122.6	131.8	11.1	7.5
Other machine tool attachments & acc. ....	05						
Other machine tool attachments & accessories .....	0501	06/83	112.4	113.1	114.8	4.3	1.5
Abrasive products .....	1136		113.2	117.0	117.4	5.0	.3
Nonmetallic sized abrasives .....	01		83.0	84.4	84.3	9.1	-.1
Nonmet. bonded abrasives and diamond wheel .....	03		114.0	117.6	118.6	3.5	.9
Nonmetallic coated abrasive products .....	05		128.0	134.1	134.1	4.9	0
Metal abrasives, including scouring pads .....	31		116.7	118.7	118.9	4.0	.2
Metal cutting machine tools .....	1137		121.4	122.6	122.6	5.1	0
Boring machines .....	11		105.3	105.4	107.9	4.6	2.4
Drilling machines .....	12						
Drilling machines .....	1231	06/83	111.6	111.6	112.2	3.4	.5
Grinding machines .....	13		132.4	133.0	133.3	9.3	.2
Lathes .....	14		107.2	108.6	107.6	5.4	-.9
Milling machines .....	15						
Milling machines .....	1511	06/83	110.4	113.0	113.0	3.1	0
Multi-function machines, n/c .....	16		104.6	106.1	106.3	4.5	.2
Station type machines .....	18	06/83	135.1	136.1	135.3	4.7	-.6
Other metal cutting machine tools .....	19		117.3	118.6	117.9	3.8	-.6
Parts for metal cutting machine tools .....	51		123.0	123.5	124.2	2.6	.6
Metal forming machine tools .....	1138		115.1	117.7	117.7	4.1	0
Punching, bending and forming machines .....	21		108.2	109.8	109.8	2.0	0
Press brakes .....	2104		125.8	126.4	(?)	(?)	(?)
Other bending/forming machines, including folders .....	2119	12/86	105.7	108.2	(?)	(?)	(?)
Presses .....	23		111.0	113.5	113.5	4.2	0
Mechanical presses .....	2308	12/86	101.9	104.5	104.5	3.9	0
Other metal forming machines .....	25		119.7	123.2	123.2	6.2	0
Other metal forming mach. tools, inc. rebuilt tools .....	2508	12/86	108.7	111.5	111.5	6.1	0
Parts for metal forming machine tools .....	51		119.3	122.7	122.7	4.4	0
Tools, dies, jigs, fixtures & ind. molds .....	1139		112.5	112.9	113.4	2.9	.4
Special dies, tools, jigs, and fixtures .....	01		112.5	112.9	113.8	4.0	.8
Jigs/fixtures; other types, under 1000 lbs. ....	0103		114.0	114.0	124.7	14.7	9.4
Forming and drawing dies, 500 lbs. and under .....	0107		124.3	124.6	124.6	1.5	0
Stamping dies, progressive type, high speed steel .....	0111		100.9	102.0	102.0	2.3	0
Stamping dies, progressive type, other steel .....	0112	12/86	101.4	101.4	101.4	1.4	0
All other stamping-type dies .....	0114		108.3	108.3	108.3	4.5	0
Other components and parts for dies .....	0125		120.7	(?)	119.7	1.1	(?)
Other specially designed tooling and prototypes .....	0129	12/86	101.2	101.2	101.2	0	0
Industrial molds .....	03		112.8	113.2	113.2	1.1	0
Die casting molds .....	0301		117.2	117.2	117.2	1.5	0
Injection molds for plastic products .....	0305		109.2	109.7	109.7	1.0	0
Other molds for plastic products .....	0306	12/86	(?)	(?)	(?)	(?)	(?)
General purpose machinery and equipment .....	114		116.6	118.1	118.6	5.9	.4

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Pumps, compressors, and equipment .....	1141		112.7	114.2	114.6	6.2	0.4
Industrial pumps .....	02		115.3	117.2	117.0	7.1	-2
Reciprocating pumps .....	0202		100.0	100.0	100.0	.5	0
Turbine pumps .....	0211		114.6	119.5	120.0	10.9	.4
Rotary pumps .....	0231		124.6	126.8	126.7	5.6	-1
Centrifugal pumps .....	0241	12/83	118.6	120.3	119.9	7.7	-3
Diaphragm pumps .....	0251		111.8	111.9	111.9	4.7	0
Other industrial pumps .....	0261	12/83	110.4	110.4	110.4	2.1	0
Stationary air compressors .....	03		112.0	113.3	113.3	5.2	0
Stationary air compressors .....	0311	06/84	108.7	109.9	109.9	5.2	0
Stationary gas compressors .....	04		114.3	114.9	116.1	11.8	1.0
Other compressors .....	05						
Other compressors .....	0501	06/84	103.0	103.0	103.0	5.0	0
Vacuum pumps .....	06						
Vacuum pumps .....	0601	06/84	115.9	122.4	122.4	7.3	0
Air/gas compress. & vac. pump pts./attach. ....	07						
Air & gas compressor & vacuum pump parts & attachmts .....	0701	06/84	108.3	108.7	110.2	5.3	1.4
Industrial spraying equipment .....	08						
Industrial spraying equipment .....	0801	06/84	110.1	110.1	110.1	.6	0
Measuring & dispensing pumps .....	09	06/84	108.1	110.0	109.9	2.9	-1
Gasoline dispensing pumps, computing type .....	0901	06/84	103.0	104.6	104.5	1.3	-1
Lubricating-oil and grease dispensing equipment .....	0903	06/84	115.0	124.7	124.1	10.3	-5
Other measuring and dispensing pumps .....	0905	06/84	110.1	109.1	109.1	( <sup>2</sup> )	0
Other pumps, including parts .....	12	12/83	114.0	115.4	116.3	6.3	.8
Other pumps .....	1201	12/83	115.0	115.3	115.3	3.2	0
Parts and attachments for pumps .....	1211	12/83	114.0	115.5	116.5	6.7	.9
Elevators, escalators, and other lifts .....	1142		105.4	105.5	105.7	2.7	.2
Elevators & escalators .....	01		102.8	103.0	103.2	3.4	.2
Geared electric passenger elevators .....	0102		99.0	99.2	99.4	.7	.2
Hydraulic passenger elevators .....	0105		108.9	109.1	109.3	5.5	.2
Hydraulic freight elevators .....	0107		94.4	95.0	95.0	( <sup>2</sup> )	0
Other non-farm elevators, including dumbwaiters, etc .....	0109		124.5	124.5	124.5	7.4	0
Elevator and escalator parts & attachments .....	02						
Parts and attachments for elevators and escalators .....	0221		124.3	124.3	124.3	0	0
Fluid power equipment .....	1143		117.6	119.6	119.6	4.7	0
Fluid power pumps .....	01		116.8	119.2	119.2	3.8	0
Fluid power valves .....	02		117.8	119.9	119.9	4.5	0
Cyls., accumulators, cushions, shock absorbers .....	03						
Cylinders, accumulators, cushions, shock absorbers .....	0311	06/84	110.7	111.4	111.4	5.8	0
Fluid power hose and tube fittings .....	04		110.7	113.9	113.9	4.3	0
Industrial material handling equipment .....	1144		109.5	110.5	111.3	3.9	.7
Conveying equipment .....	02		110.8	111.6	112.8	3.7	1.1
Unit handling convey/convey sys hoists/farm elevators .....	0212	06/84	106.4	107.2	107.3	1.5	.1
Parts/acces. for unit handling conveyors & conv. sys .....	0214	06/84	122.9	122.9	122.9	10.1	0
Bulk mtl hndlg conveyors & conveying sy ex ho & farm .....	0216	06/84	108.5	108.8	111.3	3.5	2.3
Pts & access for bulk mtl hndlg conveyors & conv sys .....	0218	06/84	114.7	117.5	118.5	8.5	.9
Industrial trucks and tractors .....	03		106.4	107.7	108.5	5.0	.7
Electric trucks, operator-riding .....	0351		103.0	104.4	104.5	4.7	.1
Motorized handtrucks .....	0352		98.3	99.2	99.2	3.8	0
Internal combustion trucks, under 6,000 lbs. ....	0361		101.6	105.3	105.1	6.6	-2
Internal combustion trucks, 6,000 - 14,999 lbs. ....	0362		105.0	106.7	107.3	5.2	.6
Internal combustion trucks, 15,000 lbs. and over .....	0363		118.3	118.1	118.4	5.4	.3
Other powered trucks and tractors .....	0366	12/86	108.5	108.5	108.5	4.6	0
Handtrucks, trailers and dollies, ex. handlifts .....	0375		110.9	110.9	110.9	6.6	0
All other industrial trucks and tractors .....	0377	12/86	103.8	104.2	106.7	4.0	2.4
Parts, attachments, and accessories .....	0378	12/86	105.5	107.1	107.8	5.2	.7
Hoists, cranes and stacking machines .....	04		113.0	113.7	113.7	2.7	0
Hoists, including parts .....	0481	12/84	111.7	111.9	111.9	1.1	0
Cranes and stacking machines, including parts .....	0485	12/84	105.9	107.0	107.0	4.3	0
Mechanical power transmission equipment .....	1145		119.7	120.2	120.4	4.4	.2
Speed changers, drives, gears .....	01		117.6	118.1	118.3	4.8	.2
Speed reducers, fixed ratio, enclosed .....	0106	12/83	120.0	120.1	120.2	6.7	.1
Gear motors .....	0107	12/83	116.7	117.5	117.6	5.2	.1
Loose gear, pinions and racks .....	0108	12/83	109.8	110.4	110.7	3.7	.3
Mechanical-variable speed changers .....	0109	12/83	113.8	114.8	114.8	6.2	0
Industrial high speed drives .....	0112	12/83	112.3	112.3	113.3	3.4	.9
Parts/components for speed changers, .....	0114	12/83	119.1	120.8	120.8	3.0	0
Other power transmission equipment .....	02	12/84	114.2	114.6	114.8	4.0	.2
Plain bearings and bushings .....	0201	12/84	107.0	110.3	110.1	9.7	-2
Clutches .....	0202	12/84	114.1	115.1	115.4	2.7	.3
Flexible couplings .....	0203	12/84	114.4	115.2	115.2	1.3	0
Chains for sprocket drives .....	0204	12/84	109.9	109.1	109.1	4.2	0
Sprockets .....	0205	12/84	109.2	109.2	109.2	4.5	0
Packaged hydraulic drives/univ. joints/flex. shafts .....	0207	12/84	113.9	113.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other power transmission equipment inc. sheaves .....	0209	12/84	119.6	118.3	119.0	2.1	.6
Scales and balances .....	1146		105.9	106.2	106.2	.9	0

See footnotes at end of table.



**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Food products machinery--Continued .....	1161						
Dairy industry machinery .....	01		123.1	124.6	124.0	8.2	-0.5
Commercial food production machinery .....	04		125.3	127.1	128.2	6.0	.9
Industrial food production machinery .....	05	12/83	117.1	117.9	117.9	6.6	0
Textile machinery and equipment .....	1162						
Textile machinery .....	12	06/86	121.4	122.8	124.2	4.5	1.1
Textile machinery .....	1201	06/86	110.8	111.3	112.8	5.8	1.3
Industrial sewing machines .....	66		113.1	116.3	115.9	4.5	-3
Textile machinery parts and attachments .....	77		119.7	121.5	123.1	2.9	1.3
Textile machinery parts and attachments .....	7701	06/86	107.4	109.0	110.5	2.9	1.4
Woodworking machinery and equipment .....	1163						
Other than for home workshops .....	01		117.0	117.6	117.8	4.4	.2
Sawmill equipment .....	0101		112.0	113.2	113.1	3.4	-.1
Sawing machines, except sawmill equipment .....	0103		119.6	120.8	120.8	4.9	0
Straight-line machinery: planers, sanders, etc. ....	0104		109.5	109.5	109.5	-1.4	0
Boring and carving machinery, dovetailers, etc. ....	0105		111.9	115.4	115.1	5.2	-3
Other woodworking machinery: lathes, presses, etc. ....	0106		107.7	107.0	107.1	.5	.1
Parts/attachments: cutting tools, ex. sawblades .....	0107		148.1	147.8	148.1	4.4	.2
All other parts, attachments, and accessories .....	0108		76.2	( <sup>2</sup> )	76.0	-3	( <sup>2</sup> )
Woodworking power saw blades .....	05		108.4	112.2	111.7	8.0	-4
Solid tooth .....	0521		112.7	113.1	114.2	4.2	1.0
Inserted tooth .....	0522		114.0	114.9	114.8	2.2	-1
Other woodworking power saw blades .....	0525	06/83	95.8	96.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Paper industries machinery .....	1164						
Pulp mill machinery .....	0103	06/82	124.7	127.3	128.7	9.6	1.1
Papermill machinery .....	0105	06/82	115.5	122.0	122.7	11.3	.6
Paper and paperboard converting equipment .....	0107	06/82	127.2	128.2	131.1	13.0	2.3
Printing trades machinery and equipment .....	1165						
Printing presses, offset .....	01		122.0	123.4	123.1	2.8	-2
Web fed printing presses .....	0112	12/82	130.5	130.5	130.6	2.3	.1
Type setting and casting machinery .....	0211	12/82	130.2	130.3	130.3	2.3	0
Bookbinding machinery and equipment .....	05		97.4	99.3	99.3	( <sup>2</sup> )	0
Bookbinding machinery and equipment .....	0511	12/82	131.4	133.3	134.7	6.0	1.1
Printing presses, other than lithographic .....	06		130.2	132.1	133.5	6.0	1.1
Printing presses, other than lithographic .....	0611	12/82	120.8	125.2	125.2	4.3	0
Other printing machinery and equipment .....	09	12/82	121.6	123.2	122.3	2.9	-7
Other printing machinery and equipment .....	0911	12/82	121.6	123.2	122.3	( <sup>2</sup> )	-7
Other special industry machinery .....	1166						
Rubberworking machinery .....	01		125.8	127.4	127.6	3.9	.2
Plasticworking machinery .....	03		119.6	119.6	119.6	-3	0
Extrusion machinery .....	0301		132.1	133.5	133.8	4.0	.2
Injection molding machinery .....	0304		130.0	132.9	132.9	6.7	0
Other plasticworking machinery and parts .....	0306		138.3	138.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Chemical industry machinery .....	04		124.8	126.2	126.6	3.3	.3
Chemical mixers .....	0412		114.6	121.1	121.1	8.5	0
Automotive maintenance equipment .....	05	06/83	106.3	106.3	106.3	2.4	0
Miscellaneous industry machinery .....	06		109.7	111.9	112.8	3.7	.8
Fuel fired kilns and parts .....	0621		128.0	128.7	128.9	3.5	.2
Tobacco machinery and parts .....	0624		113.9	113.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Concrete machinery and parts .....	0626		142.7	142.7	142.7	6.4	0
Glassmaking machinery and parts .....	0627		119.4	119.4	120.2	6.0	.7
Foundry machinery and parts .....	0632	06/83	125.9	125.9	125.9	3.5	0
Semiconductor manufacturing machinery and parts .....	0638	06/87	122.4	122.7	122.7	2.8	0
Other machinery and parts .....	0645	06/87	102.6	102.9	102.9	2.1	0
Packing and packaging machinery .....	1167						
Filling and capping machines .....	01		137.1	138.5	139.4	4.8	.6
Form-fill-seal machines .....	0103		144.7	148.2	148.2	5.9	0
Capping, sealing, and lidding machines .....	0107	12/83	160.2	167.0	167.2	7.7	.1
Filling machines .....	0108	12/83	121.6	125.7	125.7	( <sup>2</sup> )	0
Machinery for processing pkgs. & bottles .....	03		118.3	119.3	119.3	2.3	0
Casing machines .....	0302		124.6	124.9	127.5	3.5	2.1
Labeling and coding machinery .....	0307	12/83	123.8	124.2	130.2	5.9	4.8
Other packing & packaging machinery & pa .....	04	12/83	116.8	117.0	117.7	2.2	.6
Wrapping, banding, bundling and fastening machines .....	0401	12/83	125.0	126.0	126.6	4.8	.5
Parts for packing and packaging machinery .....	0403	12/83	129.5	132.5	132.9	5.6	.3
Other packing and packaging machinery .....	0404	12/88	107.8	107.8	108.2	5.0	.4
Service industry machinery and parts .....	1168						
Nonelectric commercial cooking equipment .....	0101	06/82	100.1	100.7	101.2	( <sup>2</sup> )	.5
Electrical commercial cooking equipment .....	0102	06/82	122.9	124.3	124.9	4.8	.5
Electric commercial cooking equipment .....	0104	06/82	132.2	133.0	133.1	7.6	.1
Commercial dishwashing machines .....	0105	06/82	124.3	124.9	126.0	5.4	.9
Sewage treatment equipment .....	0106	06/82	128.1	128.8	128.8	2.9	0
Commercial car washing machinery .....	0107	06/82	124.2	128.7	128.7	9.9	0
Garbage and trash compactors .....	0108	06/82	129.5	129.4	131.6	5.7	1.7
			123.4	123.4	123.4	-6	0
			126.0	125.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Service industry machinery and parts—Continued .....	1168						
Commercial and industrial vacuum cleaners & parts .....	0111	06/82	121.9	123.0	123.0	5.4	0
Water softeners .....	0113	12/87	105.1	107.3	107.3	1.9	0
Water heaters .....	0115	12/87	110.0	110.7	110.7	6.5	0
High pressure cleaning and blasting machinery .....	0116	12/87	100.6	107.9	107.9	( <sup>2</sup> )	0
Other industrial and commercial service machines .....	0118	06/82	119.6	120.9	121.4	4.0	.4
Parts & acces. ex. cooking equip. & vacuum parts .....	0121	06/82	116.5	118.7	119.2	4.4	.4
Parts and access. for commercial cooking equipment .....	0122	12/87	96.6	96.6	96.6	-3.3	0
Commercial laundry & dry cleaning equip. ....	1169	12/82	117.2	120.6	120.4	5.1	-2
Laundry equipment .....	01	12/82	117.2	121.7	121.3	6.2	-3
Washer-extractor combinations .....	0103	12/82	119.7	120.8	120.7	5.0	-1
Drying tumblers .....	0104	12/82	120.2	121.0	121.0	2.7	0
Laundry presses .....	0106	12/82	122.4	( <sup>2</sup> )	129.3	8.7	( <sup>2</sup> )
Other commercial laundry equipment .....	0107	12/82	112.2	123.4	121.3	9.1	-1.7
Dry cleaning equipment .....	02	12/82	133.1	135.6	135.6	2.9	0
Parts, attachments, and accessories .....	03	12/82	101.5	101.5	101.5	1.0	0
For commercial laundry equipment .....	0301	12/82	91.3	91.3	91.3	1.7	0
Electrical machinery and equipment .....	117		116.2	116.9	117.1	2.4	.2
Wiring devices .....	1171		127.2	129.1	129.7	5.4	.5
Current carrying .....	01		118.5	119.2	119.3	1.7	.1
Attach. plug cap & flanged inlet, ex. pin & sleeve .....	0106	12/86	105.9	109.1	109.4	5.6	.3
Convenience and power outlet: 2-pole, 3-wire and up .....	0113		107.2	105.2	105.3	1.9	.1
Dimmers and all other special purposes switches .....	0123		120.6	122.4	122.4	3.2	0
Other current carrying wiring devices .....	0137		124.8	124.8	124.8	.7	0
Noncurrent carrying .....	02		137.9	141.3	142.6	9.7	.9
Porcelain and steatite insulators .....	0251	12/85	105.0	108.9	110.2	9.3	1.2
Stamped metal covers .....	0261	12/86	112.6	118.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Plastic boxes and covers .....	0264		141.0	141.0	141.0	6.4	0
Stamped metal outlet box .....	0266		168.7	173.3	173.3	3.3	0
Stamped metal switch and receptacle box .....	0267		148.1	151.6	151.8	5.1	.1
Metal raceway and wireway: surface and underfloor .....	0276		119.8	122.6	121.1	2.6	-1.2
Fittings: cast conduit body, cover, and gasket .....	0278		179.9	181.9	181.9	9.1	0
Fittings, except cast conduit body, cover, & gasket .....	0279		137.9	140.4	140.4	7.1	0
EMT fittings .....	0281		130.0	136.5	137.9	22.3	1.0
Cable, cord and flexible conduit fittings .....	0282	06/83	164.4	184.2	187.7	46.4	1.9
Other electrical metal conduit fittings .....	0283		113.1	115.2	114.7	7.0	-4
Cast metal box, cover, gasket, & access.: junction .....	0284		137.5	140.2	138.4	8.1	-1.3
Commercial pole and transmission line hardware .....	0286		116.0	122.0	122.5	7.0	.4
Flexible nonmetallic conduit .....	0294	12/86	102.9	102.9	103.9	1.6	1.0
Other noncurrent-carrying wiring devices .....	0298		129.8	132.5	132.5	6.7	0
Integrating and measuring instruments .....	1172		116.4	117.2	118.1	1.7	.8
Integrating instruments .....	04						
Integrating instruments .....	0401	12/83	104.1	104.1	104.5	-6	.4
Test equip.- elect. character. & signals .....	05						
Test equipment-electrical characterist .....	0501		117.8	118.7	118.8	1.0	.1
Indicating and recording instruments .....	06						
Indicating and recording instruments .....	0601	12/83	103.7	103.7	111.2	9.1	7.2
Motors, generators, motor generator sets .....	1173		126.7	128.8	129.0	6.6	.2
Fractional horsepower motors & generators .....	03	06/83	119.9	122.0	122.0	6.6	0
Automobile accessory motors .....	0301	06/83	97.0	97.0	97.0	.1	0
Direct current motors and generators .....	0302	06/83	108.5	113.9	112.9	3.4	-9
Alternating current motors .....	0303	06/83	126.0	128.5	128.3	9.1	-2
Universal motors (cased) .....	0307	06/83	131.7	138.5	138.4	8.5	-1
Integral horsepower motors .....	04	06/83	116.3	119.4	120.2	7.2	.7
Motors and generators, d.c. ....	0401	06/83	125.4	127.9	129.7	7.5	1.4
Generators, a.c., exc. turbine driven .....	0402	06/83	96.3	96.9	96.9	1.0	0
Motors, a.c. ....	0403	06/83	117.3	120.9	121.7	8.0	.7
Fractional horsepower motor-gen. sets .....	05						
Fractional horsepower motor-gen. sets .....	0501	06/83	125.7	128.4	128.4	6.3	0
Integral horsepower motor-gen. sets .....	06						
Integral horsepower motor-gen. sets .....	0601	06/83	135.8	135.8	135.8	0	0
Prime mover gen. sets .....	07						
Prime mover gen. sets .....	0701	06/83	126.4	126.8	126.8	8.1	0
Parts and supplies .....	09						
Parts/supplies for motors, gen., & motor-gen. sets .....	0901	06/83	117.8	118.3	118.3	4.8	0
Transformers and power regulators .....	1174		113.8	115.3	116.1	7.7	.7
Fluorescent lamp ballasts .....	02		124.3	124.2	124.3	7.8	.1
Correct power factor type .....	0205		124.6	124.5	124.7	7.9	.2
Distribution transformers .....	03		109.6	110.9	112.0	8.4	1.0
Liquid immersed, pole type, single phase .....	0301		107.4	108.1	109.3	9.0	1.1
Liquid immersed, pad mount, single phase .....	0303		110.2	111.8	112.5	8.8	.6
Liquid immersed, three phase .....	0307		117.7	120.9	122.7	8.1	1.5
Dry type, single or three phase .....	0315		128.0	128.0	130.9	( <sup>2</sup> )	2.3
Small power transformers .....	05		111.0	112.2	112.4	7.3	.2
501-2500 KVA, liquid immersed .....	0501		112.0	117.3	117.7	6.9	.3

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Transformers and power regulators--Continued	1174						
Secondary unit substation	0511		91.3	90.5	88.7	(?)	-2.0
Large power transformers	06		105.3	110.1	111.3	13.3	1.1
10001-30000 KVA, w/o LTC	0623		(?)	(?)	82.0	(?)	(?)
Specialty and all other transformers	07		122.7	123.3	124.3	4.8	.8
Open core/coil and units end-bell enclosed	0701		123.8	123.8	123.8	3.1	0
Instrument transformers	0705		120.2	120.2	121.6	(?)	1.2
General purpose transformers	0711		113.1	113.9	116.0	3.6	1.8
Other transformers	0731		143.8	147.7	148.6	13.2	.6
Switchgear, switchboard, etc. equipment	1175		116.8	118.3	118.9	5.2	.5
Industrial controls	07		115.3	116.0	116.4	4.3	.3
Switchgear exc. ducts & contr. circuit relay	11	06/85	112.9	112.5	111.2	6.3	-1.2
Power circuit breakers, all types	12						
Power circuit breakers, all types	1201	06/85	103.1	104.1	(?)	(?)	(?)
Panelboards & switching & interrupting devs	13	06/85	109.6	113.8	117.2	9.4	3.0
Fuses/equip. < 2300 volts ex. power dist c	14	06/85	114.6	118.1	118.4	5.2	.3
Molded case circuit breakers	15	06/85	112.7	116.3	116.7	7.7	.3
Relays, control circuit	17	06/85	110.9	111.0	110.9	1.6	-1
Communication and related equipment	1176		103.9	104.3	104.2	1.6	-1
Telephone and telegraph equipment	01	12/85	108.5	109.0	109.3	2.1	.3
Line transmission equipment	0111	12/85	143.1	143.0	146.9	11.5	2.7
Switching equipment	0121	12/85	102.6	102.6	102.5	-2.7	-1
Telephone sets	0131	12/85	90.9	90.6	90.9	-1.5	.3
Modems	0133	12/85	115.8	115.8	115.8	8.8	0
Other telephone and telegraph apparatus	0141	12/85	104.7	106.4	105.9	3.2	-5
Radio & television communication equipment	02	12/85	103.1	103.5	103.2	1.2	-3
Broadcast, studio and related equipment	0201	12/85	104.6	105.0	105.1	2.0	.1
Mobile pt.-to-pt. related communication radio equip.	0202	12/85	105.3	104.8	104.1	1.6	-7
Intercom, alarm & traffic control systems	0203	12/85	102.9	103.1	105.1	1.9	1.9
Radar, sonar & other search/detection/tracking equip	0204	12/85	103.9	105.4	104.9	1.5	-5
Electronic warfare & missile systems & equipment	0205	12/85	98.1	98.4	98.4	.4	0
Navigation systems for aircraft, ships & ground	0206	12/85	99.2	99.2	99.2	1.3	0
Other electronic equipment & devices, n.e.c.	0209	12/85	107.0	106.8	106.6	.8	-2
Electric lamps/bulbs and parts	1177		123.8	124.0	124.0	-1.6	0
Incandescent	01		123.2	124.3	124.2	3.5	-1
General lighting	0101		113.3	(?)	114.6	3.9	(?)
Reflector lamps	0105		129.1	(?)	(?)	(?)	(?)
Photographic bulbs and flashes	0111	12/83	119.3	(?)	(?)	(?)	(?)
Other large incandescent	0112	12/83	94.9	(?)	94.9	-1.0	(?)
Other than incandescent	02		127.8	126.2	126.4	-12.0	.2
Flourescent, hot cathode	0221	12/83	108.2	(?)	(?)	(?)	(?)
Other electric discharge	0222	12/83	110.8	110.0	110.4	-24.8	.4
Parts for electric lamps/bulbs	03	12/85	100.0	99.6	99.6	3.4	0
Electronic components and accessories	1178		119.0	119.3	119.5	1.8	.2
Power, transmitter, special purpose tubes	03		145.2	143.9	145.8	2.8	1.3
Capacitors	11		97.0	98.8	98.7	-1.1	-1
Aluminum electrolytic, 5/8-inch diameter and up	1102		121.3	125.9	127.8	2.1	1.5
Tantalum, slug and wire dry electrolytic, metal case	1112		89.7	(?)	90.9	1.5	(?)
Ceramic dielectric	1121		118.7	118.4	118.3	0	-1
Ceramic monolithic, lead radial	1123		73.8	73.8	75.7	-7.6	2.6
Ceramic monolithic, lead axial	1124		49.1	48.6	48.6	-3.6	0
Resistors for electric applications	12		111.1	112.6	113.4	5.4	.7
Thick film resistor networks	1272		81.6	81.6	81.6	-4.1	0
Nonprecision, fixed wirewound	1281	06/86	106.3	106.3	106.3	4.4	0
Ultraprecision, fixed wirewound	1284		112.0	112.0	112.0	.7	0
Carbon composition, fixed nonwirewound	1287	06/86	123.1	125.8	127.4	4.9	1.3
Relays	21		137.3	137.2	137.2	1.5	0
Switches, mechanical (electronic appl.)	22	06/82	115.2	119.6	119.6	4.2	0
Connectors	24		124.9	125.2	126.8	2.6	1.3
Coaxial connectors (radio frequency)	2411		161.4	161.6	162.9	8.7	.8
Cylindrical connectors, h.d. and std.	2421		138.9	138.7	138.9	-1	.1
Miniature cylindrical	2422		119.1	119.9	119.9	-2.1	0
Subminiature cylindrical	2423		137.5	138.9	139.6	2.6	.5
Rack and panel, integral shell	2431		111.5	111.5	111.6	.1	.1
Rack and panel, other	2432		107.7	108.1	108.4	1.8	.3
Printed circuit, card insertion	2441		109.5	109.8	119.4	9.3	8.7
Printed circuit, two-piece type	2442		116.4	116.4	116.4	0	0
Miscellaneous special types	2467		112.2	112.2	112.2	.2	0
Parts for connectors	2471	12/86	104.2	104.2	105.9	1.6	1.6
Magnetic recording media	25						
Magnetic recording media	2599	06/82	82.5	82.9	83.1	-4	.2
Part for electronic components	27		121.4	123.5	123.5	4.0	0
Parts for electronic components, n.e.c.	2799	06/82	126.3	128.5	128.5	4.0	0
Filters, crystals, and transducers	28	06/82	121.0	120.1	121.4	19.8	1.1
Filters and crystals	2891	06/82	130.5	131.6	134.0	29.5	1.8
Transducers	2892	06/82	112.6	109.3	109.3	7.8	0
Diodes	31		119.0	119.0	119.0	-2.6	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Electronic components and accessories—Continued	1178						
Signal diodes or assemblies	3102		79.9	79.9	(?)	(?)	(?)
Transistors	35		78.7	78.8	78.0	0.9	-1.0
Signal transistor	3507		63.5	63.7	62.0	2.1	-2.7
Power transistor, 10 watts and over	3515		63.1	63.1	63.1	0	0
Optoelectronic devices	37		88.4	88.4	88.4	-2	0
Light emitting diode or array	3703		85.2	85.2	85.2	0	0
Other optoelectronic devices, excluding solar cells	3717		98.3	98.4	98.5	-4	.1
Digital bi-polar integrated circuits	41		106.0	104.9	101.6	-5.5	-3.1
Bipolar logic, TTL	4103		87.2	83.3	81.6	-7.5	-2.0
Bipolar logic, except TTL	4112		147.9	157.9	143.4	-14.5	-9.2
Bipolar memory, RAM	4116		149.3	149.3	149.3	25.1	0
Digital MOS integrated circuits	42		79.1	79.9	80.4	3.6	.6
MOS, memory	4221		81.6	81.7	82.5	4.6	1.0
MOS, except memory	4223		73.8	75.6	75.8	-2.9	.3
MOS, microprocessor	4225		78.9	79.9	79.9	14.0	0
Linear integrated circuits	45		92.8	90.8	91.3	-2.7	.6
Amplifier	4552		94.8	94.8	94.8	0	0
Other analog integrated circuits	4558		101.3	100.9	101.1	-2.6	.2
Hybrid integrated circuits	46		122.6	122.6	122.6	-4.3	0
Thick film	4609		95.7	95.7	95.7	-7	0
Other semiconductor devices and parts	48		104.3	104.4	104.4	3.8	0
Other finished semiconductor devices	4801		96.2	96.2	96.2	0	0
Dice and wafers	4815		96.7	96.7	96.7	3.9	0
Other semiconductor parts, except dice and wafers	4817		117.2	117.3	117.3	4.7	0
Printed circuits and cable assemblies	51	06/82	114.3	114.0	114.5	1.4	.4
Printed circuit boards and forms	5191	06/82	115.2	114.5	115.1	1.2	.5
Cable assemblies, electronic	5192	06/82	109.3	111.5	111.5	2.7	0
Static power, pulse & frequency converters	52	06/82	145.7	141.6	143.2	.9	1.1
Electronic transformers and coils	53	06/82	123.2	124.3	124.6	4.1	.2
Audio transformers	5305	06/82	118.2	118.2	(?)	(?)	(?)
Power transformers	5309	06/82	111.9	115.3	115.2	7.3	-1
Toroidal windings, all types	5317	06/82	148.7	(?)	(?)	(?)	(?)
Other inductors for electronic applications	5319	06/82	128.5	129.0	129.6	4.8	.5
MW components, ex tubes, semicon., antenna	57	06/82	128.3	128.3	128.4	.9	.1
Complex component assemb., packs, modules	61	06/82	122.7	122.7	122.7	-6	0
Miscellaneous electrical mach and equip	1179		105.0	105.6	105.7	1.2	.1
Storage batteries	01		100.4	99.8	99.1	-4	-7
Lead acid batteries, 1.5 cubic foot or less	0103	12/84	108.1	107.4	106.4	-1.3	-9
Lead acid batteries, larger than 1.5 cubic foot	0104	12/84	119.9	119.9	119.9	2.1	0
Primary batteries, dry and wet	02		120.2	120.1	123.6	3.3	2.9
Dry cell size d flashlight battery	0211		133.4	(?)	(?)	(?)	(?)
Lantern and other multiple dry cells	0215		116.2	116.3	119.7	3.0	2.9
Alkaline cell size aa battery	0217		116.0	116.0	120.6	1.8	4.0
Alkaline cell, all other sizes	0223		119.8	119.8	127.0	(?)	6.0
Carbon and graphite products	03		91.0	92.8	93.0	3.7	.2
Graphite electrodes	0324		77.7	79.1	79.1	2.7	0
Automotive generator brushes	0331		108.1	109.4	(?)	(?)	(?)
Contacts, brushplates and brushes, except automotive	0333	06/85	105.9	109.4	109.4	3.4	0
Other carbon and graphite products, mechanical	0341	06/85	107.1	110.2	109.6	5.7	-5
Other carbon and graphite products, non-mechanical	0343	06/85	103.3	105.0	105.7	4.2	.7
X-ray and electromedical equipment	05		110.7	111.5	111.5	1.0	0
Irradiation equipment	0512	06/85	104.3	105.4	(?)	(?)	(?)
Diagnostic electromedical equipment	0514	06/85	93.7	93.7	93.7	0	0
Electrotherapeutic equipment	0516	06/85	99.4	100.6	100.5	1.4	-1
Patient monitoring equipment	0518	06/85	104.0	104.1	104.1	.1	0
Parts and accessories for electromedical equipment	0524	06/85	119.6	121.6	(?)	(?)	(?)
Engine electrical equipment	06		109.5	110.4	110.4	2.0	0
Cable sets and ignition wiring harnesses	0601	12/82	109.7	110.6	110.6	2.5	0
Regulators for battery charging generators	0602	12/82	120.4	124.2	124.2	9.5	0
Battery charging alternators and generators	0603	12/82	107.0	107.9	108.2	.2	.3
Starting motors	0604	12/82	109.7	111.1	110.9	1.1	-2
Spark plugs	0605	12/82	108.9	109.2	109.2	2.7	0
Other engine electrical equipment	0606	12/82	107.7	108.6	108.6	2.5	0
Electrical equipment, n.e.c.	07	12/85	110.9	110.8	110.8	3.2	0
Porcelain electrical supplies, ex insulators	08	12/85	103.6	104.1	104.1	2.8	0
Electrical industrial apparatus, n.e.c.	29	12/85	98.6	99.2	99.4	-2.1	.2
Rectifying apparatus	2902	12/85	100.1	101.2	101.4	1.5	.2
Industrial coil windings & other misc. equipment	2903	12/85	107.2	107.2	107.9	2.8	.7
Miscellaneous instruments	118		121.0	122.1	122.1	3.0	0
Environmental controls	1181		115.7	116.5	117.1	2.8	.5
Building comfort controls	01		123.1	123.8	124.6	3.1	.6
Appliance regulation controls	02		97.1	98.0	98.2	1.6	.2
Process control instruments	1182	06/83	122.0	122.8	123.3	2.8	.4
Display and control receiver type instruments	0111	06/83	116.7	119.2	119.3	3.8	.1
Temperature instruments, excl. receiver type	0121	06/83	121.6	124.6	128.8	10.0	3.4
Pressure and draft instruments, excl. receiver type	0131	06/83	115.3	117.6	116.9	2.2	-6

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Process control instruments—Continued .....	1182						
Flow and liquid level instruments .....	0141	06/83	114.8	115.2	115.2	1.9	0
Continuous process gas & liquid analysis instruments .....	0151	06/83	113.5	111.9	112.3	-3.3	.4
Other process control products and parts .....	0191	06/83	130.8	131.0	131.0	1.9	0
Fluid meters and counting devices .....	1184	12/85	105.6	108.1	107.7	2.7	-4
Integrating & totalizing meters for gas or liquids .....	0102	12/85	106.5	109.4	108.8	3.0	-5
Counting devices .....	0103	12/85	110.2	112.3	112.7	3.3	.4
Motor vehicle indicating instr., ex. elec. ....	0104	12/85	( <sup>2</sup> )	96.2	95.8	( <sup>2</sup> )	-4
Engineering and scientific instruments .....	1185	12/85	111.5	113.1	112.0	3.8	-1.0
Aeronautical, nautical, & navigational ins .....	01	12/85	112.1	114.6	112.7	3.4	-1.7
Laboratory and scientific apparatus .....	02	12/85	113.7	114.2	114.1	5.0	-1
Surveying/drafting instrs. & lab. furn. ....	03	12/85	99.6	100.7	99.9	1.1	-8
Optical instruments and lenses .....	1186	12/85	105.1	105.9	106.1	3.0	.2
Sighting, tracking & fire-control equip. ....	01	12/85	94.6	94.6	94.6	2.3	0
Optical instruments, components, & lenses .....	02	12/85	105.9	107.4	108.2	3.7	.7
Analytical and scientific instruments .....	03	12/85	107.5	108.1	108.1	2.8	0
Measuring & controlling devices, n.e.c. ....	1189	06/85	109.4	109.7	110.2	2.5	.5
Aircraft engine instruments, except flight .....	01	06/85	104.1	104.3	104.3	.8	0
Phys. prop. & kinematic test, insp. & meas e .....	02	06/85	110.6	111.1	112.3	4.4	1.1
Comm. meteorological & general purpose ins .....	03	06/85	115.6	118.2	118.2	5.0	0
Nuclear radiation detect. & monitoring inst .....	04	06/85	107.3	105.9	106.1	-2	.2
Miscellaneous machinery .....	119		110.7	111.4	111.7	3.4	.3
Oil field and gas field machinery .....	1191		97.9	98.5	98.7	1.6	.2
Oil field and gas field drilling machinery .....	02		96.9	97.7	98.1	2.5	.4
Tungsten-carbide insert bits .....	0227		124.3	124.3	124.3	0	0
Steel-toothed bits .....	0228		112.0	112.0	112.0	3.2	0
Elevators, spiders, slips, hooks, links & connectors .....	0243	12/86	111.5	115.6	115.9	10.4	.3
Other rotary drilling surface equipment .....	0251	12/86	108.6	114.7	122.0	18.1	6.4
Other rotary subsurface drilling equipment .....	0252	12/86	98.1	98.8	98.7	.6	-1
Other drilling rigs, incl. blast hole & cable tool .....	0254	12/86	100.9	100.9	100.9	3.7	0
Oil field and gas field production machine .....	04		98.8	99.2	99.1	.4	-1
Christmas tree assemblies, casing and tubing heads .....	0403		103.1	103.8	103.8	1.0	0
Sucker rods .....	0412		68.1	68.1	69.2	1.2	1.6
Permanent packers and accessories .....	0422		105.0	102.8	102.8	-7.9	0
Separating, metering, and treating equipment .....	0427		104.2	107.2	105.8	3.1	-1.3
Other oil and gas field production machinery .....	0449	12/86	106.0	106.0	106.0	-1	0
Parts for oil and gas field production machinery .....	0455	12/86	103.4	103.7	103.8	.9	.1
Mining machinery and equipment .....	1192		114.7	115.7	115.9	5.9	.2
Underground mining machinery .....	01		124.9	125.0	125.0	7.2	0
Crushing, pulverizing & screening machines .....	02		119.1	122.2	123.1	7.4	.7
Stationary type crushers .....	0202	12/87	104.2	106.7	106.7	6.3	0
Drills and other mining machinery .....	03		109.1	112.2	112.2	7.4	0
All other mining machinery .....	0371	06/83	104.0	107.9	107.9	7.9	0
Mining machinery parts .....	53						
Mining machinery parts, excluding drills .....	5301		111.9	112.6	112.9	5.2	.3
All other mining drill bits .....	5348	12/87	108.8	105.8	107.4	5.3	1.5
Office and store machines and equipment .....	1193		109.0	108.6	108.7	2.6	.1
Calculating and accounting machines .....	01		96.4	96.9	96.9	1.0	0
Electronic calculating machines .....	0113	06/85	88.2	90.9	90.9	4.1	0
Accounting machines and cash registers .....	0114	06/85	104.2	104.2	104.2	.5	0
Parts and attach. for calc. & acctng mach, cash reg. ....	0115	06/85	94.2	94.2	94.2	0	0
Typewriters, word processors and parts .....	02	06/85	99.3	98.5	98.5	.5	0
Safes and vaults .....	05		132.2	132.2	132.2	4.1	0
Coin-operated auto. merchandising machines .....	06		109.4	109.4	110.0	3.7	.5
Other office and store machines and parts .....	07		113.0	111.9	111.9	2.0	0
Duplicating machines and parts .....	0731	06/85	112.8	113.5	115.1	4.0	1.4
Mailing, letter handling, collating, addressing mach .....	0735	06/85	107.4	105.3	104.1	-1.3	-1.1
All other office machines and parts .....	0739	06/85	108.6	107.6	107.8	3.5	.2
Coin-operated amusement machines .....	08	12/85	123.8	123.8	123.8	6.4	0
Internal combustion engines .....	1194		112.7	113.2	113.5	2.3	.3
Gasoline engines .....	01						
Gasoline engines, under 11 h.p., ex. autos .....	0111	12/82	107.1	107.1	108.0	3.3	.8
Gasoline engines, over 11 h.p. ....	0112	12/82	118.5	119.0	119.2	4.4	.2
Diesel, semidiesel, & dual fuel, non-auto .....	07	12/82	104.0	104.6	105.0	2.2	.4
Diesel, semidiesel, & dual fuel, under 151 h.p. ....	0711	12/82	99.9	101.7	103.4	.9	1.7
Diesel, semidiesel, & dual fuel, 151 h.p. and over .....	0712	12/82	105.2	105.3	105.4	2.6	.1
Diesel, semidiesel, & dual fuel, auto. ....	08						
Diesel, semidiesel, & dual fuel engines, automotive .....	0811	12/82	( <sup>2</sup> )	108.5	108.5	1.9	0
Parts and accessories for i.c. engines .....	13						
Parts and accessories for i.c. engines .....	1301		111.9	112.1	112.5	1.2	.4
Machine shop products .....	1195		119.0	120.2	120.7	3.8	.4

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Machine shop products--Continued .....	1195						
Carburetors, pistons, piston rings, & valv .....	01		115.1	115.9	118.3	4.3	2.1
Carburetors, new, for motor vehicles .....	0101		112.0	113.4	118.0	6.3	4.1
Rebuilt carburetors, all types .....	0102	12/82	126.5	126.5	131.0	4.5	3.6
Piston rings, compression type, o.e.m, motor vehicle .....	0112		109.6	109.6	109.6	0	0
Piston rings, compression type, ex. motor vehicles .....	0115	12/82	122.5	122.5	122.5	4.2	0
Intake & exhaust valves, ex. for motor vehicle use .....	0116	12/82	102.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other machine shop products .....	05						
Other machine shop products .....	0501	06/84	107.4	108.5	108.7	3.5	.2
Steam, gas, & hydraulic turbines & parts .....	1196	06/82	121.9	123.3	123.5	8.7	.2
Steam, gas, and hydraulic turbines .....	01						
Mechanical drive steam turbines .....	0101	06/82	111.4	112.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Turbine parts and accessories .....	02	06/82	149.4	151.1	151.3	5.0	.1
Parts & accessories for gas turbines .....	0202	06/82	139.5	140.1	140.9	3.6	.6
Turbine generator sets and parts .....	1197	06/87	106.5	106.5	106.5	4.8	0
Other miscellaneous machinery .....	1199	06/84	106.5	109.5	109.4	5.7	-.1
Metal bellows .....	0101	06/84	129.8	( <sup>2</sup> )	147.4	21.3	( <sup>2</sup> )
Other miscellaneous machinery products .....	0191	06/84	104.8	106.6	106.7	4.3	.1
<b>Furniture and household durables .....</b>	<b>12</b>		<b>115.0</b>	<b>116.0</b>	<b>116.5</b>	<b>3.3</b>	<b>.4</b>
Household furniture .....	121		119.6	121.2	121.5	3.7	.2
Metal household furniture .....	1211		110.6	111.8	113.5	5.8	1.5
Dining, dinette and breakfast furniture .....	0102	06/84	119.0	120.0	124.1	9.0	3.4
Other metal household furniture .....	0104	06/84	104.7	106.1	106.3	3.7	.2
Wood household furniture .....	1212		124.7	126.5	126.6	3.9	.1
Living room furniture .....	01		128.4	129.9	130.2	4.5	.2
Table .....	0101		130.3	130.8	131.1	5.0	.2
Desks .....	0103		126.1	125.0	127.7	3.3	2.2
Chairs .....	0105		135.4	137.3	136.9	2.5	-.3
Credenzas and bookcases .....	0106		128.9	128.9	128.9	5.1	0
Cabinets, except sewing machines .....	0107		121.4	( <sup>2</sup> )	128.2	7.2	( <sup>2</sup> )
Other nonupholstered living rm furniture .....	0109		124.3	126.7	126.2	3.1	-.4
Dining room furniture .....	02		127.2	130.3	130.1	5.8	-.2
Table .....	0211		123.4	125.3	126.0	5.9	.6
Chairs .....	0216		132.2	134.1	133.9	5.3	-.1
Buffets and servers .....	0221		134.6	138.2	138.2	6.6	0
China and corner cabinets .....	0231		115.9	123.9	122.1	5.3	-1.5
Other dining rm & kitchen furniture .....	0233		121.5	123.2	123.4	7.4	.2
Bedroom furniture .....	03		123.8	125.8	125.8	3.2	0
Beds, except bunk .....	0336		120.3	124.8	126.1	6.1	1.0
Bunk beds .....	0338		121.6	123.5	123.5	1.6	0
Headboard & headboard sets .....	0341		122.8	123.8	121.8	-.7	-1.6
Dresser, vanities and dressing tables .....	0342		122.1	123.9	124.4	4.7	.4
Night tables & stands .....	0344		130.0	130.9	130.6	1.8	-.2
Chests .....	0351		124.1	126.9	127.0	3.3	.1
Wardrobes and wardrobe-type cabinets .....	0353		121.5	123.5	125.2	4.3	1.4
Other nonupholstered bedroom furniture .....	0355		121.7	123.2	123.0	2.8	-.2
Cribs .....	0356		153.9	153.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other wood household furniture .....	04		113.1	113.2	113.3	1.5	.1
Misc. infants and children furn. ....	0461		115.8	117.0	117.6	3.8	.5
Unassembled or knockdown wood furniture .....	0465		101.8	101.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
TV, radio, stereo & sewing machine cabinets .....	0467	12/85	100.9	100.8	100.8	-.1	0
Upholstered household furniture .....	1213		118.4	119.3	119.4	2.5	.1
Sofas, including sectional sofa pieces .....	0101		121.2	122.3	122.5	2.9	.2
Chairs, including rockers and recliners .....	0111		115.3	115.9	115.9	2.1	0
Sofa bed, convertible .....	0121		117.0	117.6	117.6	1.6	0
Other upholstered household furniture .....	0131	06/82	129.7	131.2	130.9	4.2	-.2
Bedding .....	1214		116.0	118.5	119.3	3.9	.7
Bedsprings .....	0103	06/83	112.1	112.8	113.6	3.4	.7
Innerspring mattresses, other than crib size .....	0111		116.3	118.7	119.7	3.7	.8
Porch and lawn furniture .....	1215		110.0	111.6	111.3	5.9	-.3
Metal porch, lawn, outdoor & casual furniture .....	0112	06/84	109.4	111.0	110.7	5.9	-.3
Household furniture, n.e.c. ....	1216	12/85	102.2	102.3	102.3	1.0	0
Commercial furniture .....	122		126.9	127.6	128.4	3.7	.6
Wood office furniture and store fixtures .....	1221		127.0	127.6	127.8	2.4	.2
Seating .....	0112	06/85	111.6	112.2	112.5	3.3	.3
Desks and extensions .....	0113	06/85	110.8	111.5	111.5	1.7	0
Storage units, files and tables .....	0114	06/85	113.9	115.1	115.2	1.9	.1
Panel and modular systems furniture .....	0115	06/85	102.5	102.0	101.5	-4.1	-.5

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Wood office furniture and store fixtures—Continued .....	1221						
Other wood office furniture .....	0116	06/85	132.4	132.4	132.4	0.8	0
Partitions, shelving, and lockers .....	0141	12/83	110.6	110.7	111.0	1.3	.3
Plastic laminated fixture tops .....	0151	12/83	122.4	123.7	123.8	1.9	.1
Fixtures for stores, banks, offices, & .....	0161	12/83	122.7	123.0	123.4	3.6	.3
Nonwood furniture and store fixtures .....	1222		127.4	128.2	128.5	3.1	.2
Filing cabinets and cases .....	02		128.3	130.3	131.8	5.4	1.2
Vertical files .....	0201		126.3	126.7	127.0	2.9	.2
Horizontal files .....	0205		128.2	133.4	137.3	9.0	2.9
Other files, incl. motorized, visible & insulated .....	0207		126.5	126.4	126.4	4.7	0
Furniture .....	03		129.8	129.8	129.5	1.6	-.2
Desks and extensions .....	0321		125.2	123.2	122.5	-6.6	-6
Office seating .....	0325		126.3	126.9	126.1	2.3	-6
Tables & stands .....	0331		118.0	118.0	118.0	3.3	0
Systems furniture .....	0333		133.1	133.1	134.4	7.8	1.0
Miscellaneous nonwood office furniture .....	0335		132.2	132.2	132.2	2.1	0
Partitions and fixtures .....	04	12/83	118.6	119.7	120.0	3.9	.3
Partitions prefabricated, assembled, o .....	0403	12/83	117.5	117.9	117.9	5.5	0
Shelving and lockers .....	0405	12/83	119.1	120.5	121.2	3.0	.6
Storage racks and accessories .....	0407	12/83	116.3	116.7	118.0	5.3	1.1
Fixtures for stores, banks, offices, & .....	0409	12/83	119.2	120.7	120.5	3.3	-.2
Public building furniture .....	1223	12/84	112.3	112.4	113.8	4.4	1.2
School furn. exc. stone, concrete, & library furn. ....	0101	12/84	110.4	110.2	111.6	4.9	1.3
Public bldg. & related furn.exc. school & restaurant .....	0102	12/84	114.7	114.9	116.4	4.2	1.3
Furniture and fixtures n.e.c. ....	1224	12/85	112.8	114.1	116.6	7.9	2.2
Hospital beds .....	0101	12/85	105.6	105.6	105.6	( <sup>2</sup> )	0
Restaurant, cafeteria & bar furniture .....	0102	12/85	113.7	115.4	119.3	9.8	3.4
Other furniture and fixtures, n.e.c. ....	0103	12/85	113.9	115.0	115.9	5.3	.8
Floor coverings .....	123		117.5	116.0	116.7	2.4	.6
Soft surface floor coverings .....	1231		115.4	113.7	114.7	2.2	.9
Tufted broadloom .....	01		116.0	113.7	114.8	1.1	1.0
Tufted broadloom, nylon .....	0161		117.7	116.0	116.7	1.5	.6
Tufted broadloom, other fibers .....	0163		( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other tufted carpeting, from tufted yarn .....	02		112.1	112.6	112.9	3.6	.3
Bathmats and rugs 6x9 or less .....	0265		115.0	116.5	116.8	2.3	.3
Automobile & aircraft carpeting .....	0267		103.3	103.5	103.5	1.9	0
Woven carpets & rugs made from textile yar .....	03						
Woven carpets and rugs, made from textile yarns .....	0301	06/85	115.8	116.4	117.2	14.2	.7
Carpets and rugs not made from textile yar .....	04						
Carpets & rugs, not made from textile yarn .....	0401	06/85	113.0	113.0	113.0	8.7	0
Hard surface floor coverings .....	1232		128.0	128.0	128.0	6.6	0
Commission finishing/dyeing, floor cover .....	1233	12/86	106.7	105.8	104.8	-2.0	-9
Household appliances .....	124		107.0	107.7	108.1	1.7	.4
Major appliances .....	1241		105.4	105.7	106.0	.4	.3
Cooking equipment .....	01		101.9	102.4	102.5	-2.0	.1
Free-standing electric ranges .....	0111		101.3	102.4	102.9	0	.5
Built-in surface cooking tops, electric .....	0115		102.1	104.4	104.4	2.3	0
Portable microwave ovens .....	0121		( <sup>2</sup> )	73.8	73.8	-8.4	0
Free-standing gas ranges .....	0134		107.5	107.6	107.6	.4	0
Nonstandard type gas ranges .....	0137		104.2	104.2	104.2	3.0	0
Permanent outdoor cooking units .....	0151		138.9	138.9	138.9	1.3	0
Portable outdoor cooking units .....	0153		108.4	108.4	108.4	-3.1	0
Laundry equipment .....	02		107.6	108.1	108.1	-.2	0
Washing machine, automatic .....	0211		105.1	105.7	105.7	0	0
Electric dryers .....	0232		110.6	111.3	111.1	-1.6	-.2
Refrigeration equipment .....	03		105.5	105.8	105.8	2.4	0
Refrigerator-freezer, 14.4 cu. ft. and under .....	0331		101.3	101.8	101.8	1.2	0
Refrigerator-freezer, 14.5 - 19.4 cu. ft. ....	0332		107.3	107.5	107.5	1.6	0
Home and farm freezers .....	0337		101.5	102.3	102.3	( <sup>2</sup> )	0
Other major appliances .....	04		106.5	106.6	108.0	1.7	1.3
Room air conditioners .....	0445		110.2	111.0	113.2	2.8	2.0
Household vacuum cleaners, parts, & atta .....	1243		106.2	108.0	108.0	2.5	0
Vacuum cleaners .....	01		106.4	108.5	108.4	2.7	-.1
Canister, tank, and all other general purpose .....	0111		105.3	106.3	106.4	1.8	.1
Complete power unit, central system type .....	0116	12/82	108.1	113.0	113.0	3.1	0
Handheld .....	0117	12/82	114.9	118.0	118.0	17.1	0
Upright .....	0121		107.3	109.6	109.4	2.0	-.2
Electric housewares and fans .....	1244		106.4	107.6	108.0	2.8	.4
Small household appliances .....	01		106.6	108.1	108.5	2.3	.4
Automatic coffee makers .....	0113		98.2	97.1	101.0	.3	4.0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Electric housewares and fans—Continued .....	1244						
Electric fry pan (skillet) .....	0115		102.7	104.9	104.9	6.5	0
Food blenders and mixers .....	0117		101.0	(?)	102.0	1.6	(?)
All other household food preparation appliances .....	0134	06/83	93.7	90.6	90.6	-7.5	0
Corn poppers .....	0135	06/87	103.3	105.8	105.8	4.6	0
Portable room heaters .....	0141	06/83	106.5	109.0	108.6	5.3	-4
Space heaters for fixed installation .....	0142	06/83	119.6	122.8	122.4	6.3	-3
Electric blankets and other electric bed coverings .....	0151	06/83	102.4	105.6	105.6	2.2	0
All other electric appliances .....	0173	06/87	105.6	110.2	110.1	5.6	-1
Electric fans .....	02	12/82	103.0	102.2	102.8	3.7	.6
Electric range hoods, ducted and nonducted .....	0212		109.8	109.6	(?)	(?)	(?)
All other kitchen ventilating and exhaust fans .....	0221	06/83	102.4	100.2	(?)	(?)	(?)
All other fans, except roof, furnace, etc. ....	0222	06/83	93.7	92.6	93.6	3.8	1.1
Parts & attach. - small elect. appliances .....	03						
Parts & attachments for small electrical appliances .....	0311	12/82	109.8	114.6	113.3	4.9	-1.1
Electric lamps .....	1245		125.5	127.0	129.3	8.0	1.8
Table lamps .....	0101		130.0	133.2	135.6	10.4	1.8
Floor, bridge and torch lamps .....	0111		125.8	123.3	128.5	6.3	4.2
Other portable lamps .....	0129	12/83	127.3	127.3	128.7	5.1	1.1
Home electronic equipment .....	125		88.0	88.3	88.2	1.1	-1
Television receivers .....	1252		79.6	79.9	79.9	.5	0
Color TV receivers .....	02		79.9	80.3	80.2	.4	-1
Color console TV receiver .....	0201		84.4	84.4	84.4	2.4	0
Color TV, table & port, over 17" .....	0203		74.7	75.2	75.2	-1.1	0
Other home electronic equipment .....	1253		109.6	110.0	109.8	3.7	-2
High fidelity equipment and components .....	06	12/86	110.7	111.1	110.5	6.0	-5
Speakers, including loudspeaker systems .....	07		112.3	112.8	112.6	2.6	-2
Loudspeakers, sold separately .....	0701		108.4	108.6	108.3	4.3	-3
Loudspeakers, bookshelf .....	0703		103.5	104.0	104.0	-4	0
Loudspeakers, floor standing .....	0704		110.4	111.0	111.0	1.9	0
Other household durable goods .....	126		122.7	125.7	126.6	6.0	.7
Tableware, kitchenware and other pottery .....	1261		136.6	137.4	137.6	3.3	.1
Tableware and kitchenware .....	01		133.0	134.5	134.7	2.7	.1
Vitreous china tableware and kitchenwa .....	0101		137.3	134.1	134.7	-1.8	.4
Stoneware & fine earthenware tableware .....	0111		126.1	133.8	133.6	9.7	-1
Pottery, except tableware and kitchenwar .....	02	12/83	123.8	123.9	123.9	3.9	0
Art, decorative and novelty pottery .....	0201	12/83	120.9	121.1	121.1	1.1	0
Other pottery products .....	0202	12/83	128.8	128.8	128.8	8.5	0
Household glassware .....	1262		129.5	130.3	131.5	2.9	.9
Pressed and blown consumer glassware .....	0102	06/83	116.7	117.4	118.5	2.9	.9
Holloware .....	1263		118.8	119.5	120.1	6.9	.5
Sterling silver .....	0101	06/85	143.0	149.2	149.7	5.1	.3
Silver plated .....	0105	06/85	118.8	118.7	118.7	3.8	0
Pewter .....	0109	06/85	105.2	106.0	106.0	2.9	0
All other holloware .....	0113	06/85	120.6	120.6	122.1	13.1	1.2
Household flatware .....	1264		117.9	124.1	126.4	8.6	1.9
Sterling silver .....	0111		124.4	131.1	131.1	6.4	0
Stainless steel .....	0113		112.7	117.6	121.3	10.2	3.1
Mirrors .....	1265		118.6	119.1	124.9	5.6	4.9
Framed mirrors .....	0102	06/83	123.8	125.1	130.4	6.9	4.2
Unframed mirrors .....	0103	06/83	114.7	114.7	120.7	4.4	5.2
Lawn/garden equipment excl. garden tract .....	1266		117.8	118.2	118.3	4.6	.1
Lawn mowers, walk-behind .....	02	12/82	109.2	109.2	109.2	5.0	0
Rotary, push type, gasoline engine powered .....	0201		113.5	113.5	113.5	5.1	0
Rotary, self-propelled, gasoline engine powered .....	0202		117.3	117.3	117.3	5.1	0
Reel, all types, excluding electric .....	0203	12/82	109.2	109.2	109.2	5.1	0
Other nonriding lawn and garden equipment .....	03	12/82	110.5	110.6	111.0	4.7	.4
Rotary garden tillers .....	0301	12/82	112.0	112.0	112.0	2.4	0
Snow throwers, excluding attachment type .....	0302	12/82	103.7	104.4	107.0	3.3	2.5
Powered lawn edgers/trimmers .....	0309	12/87	108.7	108.7	108.7	8.7	0
Other consumer nonriding lawn, garden & snow equip. ....	0319	06/83	113.7	113.7	113.8	4.2	.1
Lawn tractors & riding mowers & equipment .....	04	12/82	117.5	118.6	118.5	6.4	-1
Front engine tractors and mowers .....	0401	12/82	117.9	119.6	119.4	6.0	-2
Rear engine tractors and mowers .....	0402	12/82	122.0	122.0	122.0	7.4	0
Parts & attach., consumer lawn & garden eq .....	05	12/82	116.4	116.6	116.9	1.6	.3
Parts .....	0501	12/82	113.2	113.4	113.4	.4	0
Attachments .....	0502	12/82	121.2	121.3	122.0	3.5	.6
Cutlery, razors and razor blades .....	1267		118.8	122.9	123.2	6.5	.2
Cutlery, scissors, shears, trimmers, a .....	0141	12/83	113.0	116.0	116.7	7.2	.6

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Metal household containers .....	1268		132.7	145.5	145.7	15.5	0.1
Stamped and spun utensils, aluminum .....	0101		137.8	160.6	160.0	19.8	-4
Stamped and spun utensils except aluminum .....	0102	06/84	109.9	108.3	109.6	8.5	1.2
Household durables, n.e.c. ....	1269	06/84	109.2	112.5	114.4	5.1	1.7
Window shades made from textile fabric & accessories .....	0101	06/84	101.8	106.7	106.8	5.4	.1
Venetian blinds .....	0102	06/84	96.3	98.5	103.4	5.9	5.0
Curtain/drapery rods & shades/blinds, n.e.c. ....	0103	06/84	116.9	121.1	121.1	6.1	0
<b>Nonmetallic mineral products .....</b>	<b>13</b>		<b>111.8</b>	<b>112.5</b>	<b>112.7</b>	<b>1.3</b>	<b>.2</b>
Glass .....	131		113.4	112.8	114.3	1.8	1.3
Flat glass .....	1311		111.0	110.0	111.0	1.2	.9
Laminated glass .....	04	06/83	102.0	102.1	102.3	1.2	.2
For construction/architectural uses .....	0413	12/87	99.9	100.0	99.4	1.4	-6
For automotive uses .....	0414	12/87	94.5	94.6	95.0	.6	.4
Sheet, plate, and float glass .....	05		110.6	107.0	110.7	2.7	3.5
Specialty glass .....	07		115.2	115.0	115.0	.4	0
Tempered glass for automotive use .....	0711	12/87	99.0	98.9	99.0	.5	.1
Tempered glass for construction/architectural uses .....	0712	12/87	102.0	101.1	101.3	-1.8	.2
Tempered glass for other uses .....	0713	12/87	105.6	103.8	103.8	.3	0
Other flat glass products, n.e.c. ....	0714	12/87	102.6	102.9	102.9	2.0	0
Other finished glassware .....	1313	06/83	114.4	114.6	117.0	2.9	2.1
Pressed and blown glassware .....	01	06/83	114.4	114.7	117.3	2.9	2.3
Lighting and electronic glassware .....	0111	06/83	106.7	106.5	111.2	3.8	4.4
Other pressed and blown glassware .....	0112	06/83	123.9	124.5	125.2	2.1	.6
Automotive rearview mirrors .....	02						
Automotive rearview mirrors .....	0211	06/83	114.4	113.8	113.9	3.6	.1
Concrete ingredients and related product .....	132		112.3	113.0	113.4	.7	.4
Construction sand, gravel, and crushed s .....	1321		121.5	122.6	123.3	2.0	.6
Sand, construction .....	0101		124.5	124.8	125.4	2.3	.5
Gravel, for concrete .....	0111		123.8	122.3	123.5	.7	1.0
Other construction gravel, incl. asphaltic aggregate .....	0115	06/82	118.6	120.3	120.5	2.4	.2
Crushed and broken stone .....	0121		121.2	122.8	123.4	2.0	.5
Cement .....	1322		101.7	102.0	102.1	-1.2	.1
Portland cement .....	0131		102.3	102.6	102.7	-1.1	.1
Other cements .....	0151	06/82	95.1	95.1	95.1	-2.5	0
Concrete products .....	133		110.4	110.8	110.8	.8	0
Concrete block and brick .....	1331		122.9	123.9	124.0	1.6	.1
Structural block .....	11		124.8	125.4	125.6	1.3	.2
Decorative block .....	21						
Decorative block .....	2101		112.8	114.4	114.4	1.6	0
Concrete brick .....	31						
Concrete brick .....	3101		97.6	98.8	98.7	2.3	-1
Paving blocks .....	41						
Paving blocks .....	4101		108.6	118.7	118.7	9.7	0
Concrete pipe .....	1332		108.4	108.2	108.1	-2.3	-1
Ready-mixed concrete .....	1333						
Ready-mixed concrete .....	0101		108.6	108.9	108.8	1.0	-1
Precast concrete products .....	1334		118.7	119.7	120.0	1.8	.3
Prestressed concrete products .....	1335		97.9	97.9	98.2	.7	.3
Dry mixed concrete materials .....	1336		102.4	102.4	102.4	1.1	0
Clay construction products ex. refractor .....	134		126.1	126.7	126.5	1.7	-2
Brick and structural clay tile .....	1342	12/84	111.6	111.9	111.7	.7	-2
Brick, except ceramic, glazed & refractory .....	01	12/84	111.5	111.9	111.7	.7	-2
Ceramic floor and wall tile .....	1344		128.9	129.8	129.5	2.4	-2
Ceramic floor and wall tile .....	0131		128.9	129.8	129.5	2.4	-2
Structural clay products, n.e.c. ....	1345		118.8	119.5	119.5	4.2	0
Vitrified clay sewer pipe and fittings .....	0101		122.8	123.9	123.9	5.6	0
Other structural clay products, n.e.c. ....	0199	12/85	101.5	101.5	101.5	2.1	0
Refractories .....	135		118.1	119.6	119.7	5.3	.1
Clay refractories .....	1352		117.3	119.0	119.1	3.7	.1
Fireclay (inc semisil.) brick & clay, ex. superduty .....	0101		120.6	126.2	128.0	10.1	1.4
High alumina, incl. ladlebrick, 50% alumina & over .....	0131		112.4	115.0	115.0	6.3	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Clay refractories—Continued	1352						
Other bricks and shapes	0141	12/85	110.0	110.1	110.1	2.4	0
Castable refractories	0151		109.7	112.4	112.4	2.6	0
Unshaped clay refractories	0161	12/85	106.4	107.3	107.3	2.9	0
Refractories, non clay	1353						
Magnesite and magnesite-chrome bricks & shapes	0113	12/85	119.0	120.3	120.3	6.5	0
All other nonclay refractory bricks and shapes	0117	12/85	103.8	104.2	104.2	3.8	0
Nonclay refractory mortars/castables, hydro setting	0119	12/85	113.7	115.4	115.4	9.1	0
Nonclay plastics refractories & remming mix.-wet/dry	0132	12/85	112.4	118.3	118.3	7.9	0
Nonclay gunning mixes, basic and other	0141		118.3	118.3	118.3	11.2	0
Other nonclay refractory materials in lump or ground	0143	12/85	107.5	109.7	109.7	4.9	0
Other nonclay refractory materials in lump or ground	0143	12/85	106.3	106.8	106.8	5.1	0
Asphalt felts and coatings	136		95.0	95.5	95.6	2.7	.1
Prep. asphalt & tar roofing & siding pro	1361		94.7	95.1	95.3	3.1	.2
Strip shingles	0102		91.6	92.7	92.0	1.9	-.8
Smooth surface roll roofing	0111		114.0	112.6	112.6	-9.2	0
Other prepared asphalt & tar roofing & siding prods.	0121	06/84	98.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other asphalt roofing	1362		92.0	93.2	93.1	1.3	-.1
Roofing asphalts, pitches, coatings, and cement	0121	06/84	87.1	88.3	88.2	1.4	-.1
Asphalt & tar satu'd felts, boards, etc.	1363	06/84	113.0	113.0	113.0	.2	0
Gypsum products	137		111.3	108.7	110.6	-1.9	1.7
Gypsum products	1371						
1/2 inch regular gypsumboard	0111		104.0	99.8	101.9	-3.0	2.1
Type X gypsumboard	0112		106.8	103.9	104.8	-5.9	.9
Glass containers	138		112.3	116.3	116.1	3.6	-.2
Glass containers	1381						
Narrow neck containers (food, beer, liquor, etc.)	0102	06/88	100.2	103.8	103.5	( <sup>2</sup> )	-.3
Wide mouth containers (food, medicine, etc.)	0103	06/88	99.6	103.6	103.6	( <sup>2</sup> )	0
Other nonmetallic minerals	139		113.6	114.1	114.1	.8	0
Insulation materials	1392		105.0	105.7	106.1	.7	.4
Mineral wool for structural insulation	01		91.2	91.2	91.9	.7	.8
Loose fiber and granulated fiber	0102		90.3	90.3	90.3	-2.2	0
Min. wool for indus. & equip. insulation	02						
Mineral wool for industrial and equipment insulation	0201		122.1	124.4	123.8	.7	-.5
Asbestos products	1393		124.8	124.8	126.2	-6.7	1.1
Asbestos friction material	0111	12/85	102.1	102.1	102.1	.9	0
Paving mixtures and blocks	1394		102.2	101.6	101.3	-2.3	-.3
Paving asphalt	0101		83.1	80.7	80.1	-7.3	-.7
Bituminous/asphaltic concrete mixtures and blocks	0111		111.6	111.4	111.1	-1.3	-.3
Other paving mixtures and blocks	0112		( <sup>2</sup> )	78.2	78.2	( <sup>2</sup> )	0
Cut stone and stone products	1395		117.2	118.1	118.0	2.3	-.1
Dressed dimension and cut granite	0111	12/84	109.6	110.7	110.5	3.0	-.2
Dressed dimension and cut limestone	0121	12/84	111.7	111.7	111.7	2.1	0
Dressed dimension and cut marble	0131	12/84	148.0	148.0	148.0	0	0
Gaskets, packing, and sealing devices	1398		107.4	108.8	108.5	3.3	-.3
Gaskets and gasketing material	01						
Gaskets and gasketing material	0101	12/85	109.6	111.4	110.7	4.8	-.6
Packing and sealing	02						
Packing and sealing	0201	12/85	105.8	107.0	107.0	2.4	0
Nonmetallic minerals and products, n.e.c.	1399		114.1	114.8	114.6	3.5	-.2
Industrial sand	01	06/82	109.2	110.2	110.9	2.6	.6
Glass sand	0101	06/82	110.0	110.4	110.6	1.3	.2
Foundry sand	0111	06/82	118.8	122.8	124.9	6.5	1.7
Other industrial sand	0121	06/82	102.6	103.3	104.2	2.9	.9
Other nonmetallic minerals, n.e.c.	02	06/84	112.1	112.8	112.7	3.6	-.1
Prepared bentonite	0202	06/84	95.5	96.2	96.1	-2.2	-.1
Fuller's earth	0205	06/84	114.0	114.0	114.0	2.0	0
Feldspar	0206	06/84	113.0	114.3	114.5	4.2	.2
Common clay and shale	0207	06/84	114.5	114.5	114.5	1.1	0
Other clay and related materials	0208	06/84	110.7	110.7	110.7	3.2	0
Minerals and earths ground or treated	0209	06/85	110.5	111.5	111.3	5.0	-.2
Dimension stone	0211	06/85	109.7	109.7	109.8	1.8	.1
Miscellaneous nonmetallic minerals, n.e.c.	0299	06/85	107.1	107.0	107.3	1.3	.3
Nonmetallic mineral products, n.e.c.	03	12/85	104.5	105.3	104.0	4.1	-1.2
Statuary and art goods (factory made)	0302	12/85	107.7	108.5	108.5	1.8	0
Other nonmetallic mineral products	0399	12/85	103.3	103.9	102.1	3.5	-1.7

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
<b>Transportation equipment</b>	<b>14</b>		116.8	116.4	116.8	2.7	0.3
Motor vehicles and equipment	141		116.2	114.8	115.6	2.9	.7
Motor vehicles	1411		118.7	116.3	117.4	3.2	.9
Passenger cars	01		116.1	113.2	114.7	2.6	1.3
Trucks, 10,000 lbs. GVW and under	05		131.0	128.7	129.0	4.1	.2
Trucks, over 10,000 lbs. GVW	06		116.6	117.3	117.0	5.4	-.3
Trucks, over 10,000 lbs. gvw	0681		111.6	112.3	112.0	5.5	-.3
Fire department vehicles	08	12/82	116.4	117.0	117.9	3.7	.8
Motor vehicle parts	1412		108.9	108.9	109.1	2.0	.2
Motor vehicle parts, new	03	12/82	106.3	106.3	106.5	2.0	.2
Motor vehicle parts, new, excl. motorcycle parts	0331	12/82	106.3	106.3	106.5	2.0	.2
Motorcycle parts, new	0335	12/84	105.2	105.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Motor vehicle parts, rebuilt	04	12/82	119.9	121.9	123.6	5.0	1.4
Truck and bus bodies	1413	12/82	122.8	124.5	124.9	6.4	.3
Truck and bus bodies sold separately	01	12/82	123.9	125.7	126.1	7.0	.3
Truck bodies sold separately	0102	12/82	124.0	125.7	126.3	6.3	.5
Bus bodies sold separately	0104	12/82	115.4	115.4	117.0	4.4	1.4
Other vehicle bodies, incl truck cabs, beds and kits	0106	12/87	108.3	110.4	110.4	8.6	0
Completed vehicles on purchased chassis	02	12/82	121.5	122.5	123.0	4.2	.4
Trucks & other h'way vehicles sold on purc. chassis	0202	12/82	113.5	115.4	116.7	5.3	1.1
Bus bodies sold on purchased chassis	0204	12/82	118.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Emergency vehicles/hearses sold on purchased chassis	0206	12/82	126.7	127.6	128.0	5.3	.3
Truck trailers	1414		109.8	110.2	110.3	4.5	.1
Vans, over 10,000 lbs.	01		110.9	111.4	111.4	5.0	0
Closed top vans	0106	06/83	111.0	111.5	111.5	4.9	0
Tanks, over 10,000 lbs.	02		123.6	124.4	124.4	7.8	0
Other tanks	0206	12/86	130.3	130.3	130.3	18.7	0
Other trailers and chassis, over 10,000 lb	03		105.4	105.3	105.6	3.7	.3
Bulk commodity trailers	0301		95.8	101.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Platform trailers	0303		102.5	103.2	103.9	6.0	.7
Low-bed heavy haulers	0304		106.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Dump trailers and chassis	0305		117.4	117.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other trailer and chassis	0309		100.8	96.9	96.9	5.7	0
Truck trailers & chassis, under 10,000 lbs	06	12/86	111.7	112.4	112.4	4.9	0
Motor homes built on purchased chassis	1415		121.2	121.3	121.3	4.8	0
Motor homes built on purchased chassis	0101	06/84	121.2	121.3	121.3	4.8	0
Travel trailers and campers	1416	06/84	119.6	120.4	120.5	7.1	.1
Travel trailers	01		120.1	120.3	120.2	6.7	-.1
Travel trailers (with rigid structures)	0101	06/84	120.1	120.3	120.2	6.7	-.1
Campers, pickup covers and parts	02		118.6	120.6	121.2	8.0	.5
Camping trailers, truck campers, pickup covers & pts	0201	06/84	118.6	120.6	121.2	8.0	.5
<b>Aircraft and aircraft equipment</b>	<b>142</b>		127.9	129.2	129.3	2.6	.1
Aircraft	1421		126.1	127.7	127.7	1.7	0
Civilian aircraft	02	12/85	106.8	108.1	108.1	4.2	0
Single engine, fixed wing	0201	12/85	111.9	112.4	112.4	1.4	0
Multiengine, fixed wing	0202	12/85	106.4	107.8	107.8	4.5	0
Rotary wing	0203		124.1	124.2	124.2	.6	0
Aircraft engines and engine parts	1423	12/85	104.8	106.3	106.4	2.7	.1
Aircraft parts and auxiliary equipment,	1425	06/85	113.8	113.9	114.1	4.4	.2
<b>Ships and boats</b>	<b>143</b>		116.9	114.8	114.8	.5	0
Ships	1431	12/85	102.5	99.8	99.8	-.3	0
Nonmilitary ships	01		103.6	99.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Self-propelled ships, nonmilitary	0102	12/85	103.6	99.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Boats	1432		123.8	125.2	125.5	4.3	.2
Outboard motorboats	01		125.7	128.4	128.5	4.4	.1
Runabouts	0101		125.7	128.7	128.7	3.8	0
Other outboard boats	0103	06/83	126.5	128.3	128.7	( <sup>2</sup> )	.3
Inboard motorboats, incl. i.-o. houseboats	02		127.6	128.8	129.3	4.9	.4
Runabouts	0201	06/83	123.6	125.9	128.5	10.1	2.1
Cabin cruisers, non-military	0202		129.0	130.1	130.3	3.7	.2
Inboard-outdrive boats, except houseboats	03		123.3	124.7	124.7	4.4	0
Less than 26 ft. LOA	0303	12/88	100.3	100.9	100.9	( <sup>2</sup> )	0
26 ft. or more LOA	0304	12/88	100.6	102.6	102.6	( <sup>2</sup> )	0
All other boats	04		115.1	115.5	116.0	3.5	.4
Sailboats, with auxiliary power	0401		120.0	120.8	121.2	2.8	.3
Sailboats, without auxiliary power	0402		110.6	110.6	112.2	( <sup>2</sup> )	1.4
Other boats: rowboats, canoes, skiffs, etc.	0403		116.7	116.8	116.8	( <sup>2</sup> )	0

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Railroad equipment .....	144		111.8	114.0	114.0	6.5	0
Locomotives and parts .....	1441		113.0	114.0	114.0	8.0	0
Locomotive parts .....	02		108.8	108.8	108.8	13.9	0
Railroad cars and car parts .....	1442		110.0	112.7	112.7	6.0	0
Freight cars .....	01		105.3	109.3	109.3	7.2	0
Freight cars, new .....	0102	06/84	107.7	111.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Railroad car parts and accessories .....	03		119.5	119.8	119.8	4.4	0
Transportation equipment, n.e.c. ....	149	06/85	108.7	109.2	109.3	3.7	.1
Transportation equipment, n.e.c. ....	1491						
Self-propell. golf carts & in-plant carriers & parts .....	1101	06/85	111.3	111.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other transportation equipment, n.e.c. ....	1103	06/85	106.7	107.2	107.2	3.4	0
Miscellaneous products .....	15		124.0	124.6	124.7	4.4	.1
Toys, sporting goods, small arms, etc. ....	151		114.7	116.1	116.3	4.6	.2
Toys, games, and children's vehicles .....	1511		113.5	115.6	115.6	4.6	0
Games, excl. toys and hobbies .....	0152	06/85	109.4	113.0	113.0	4.3	0
Toys, excl. games and hobbies .....	0154	06/85	110.7	111.5	111.5	4.8	0
Hobbies, models: crafts and structural kits .....	0155	06/85	116.9	118.1	118.3	5.5	.2
Dolls and stuffed toy animals .....	0156	12/85	99.7	101.7	100.6	2.7	-1.1
Sporting and athletic goods .....	1512		107.8	109.1	109.6	3.7	.5
Fishing tackle and equipment .....	0103	12/85	107.0	107.0	107.0	-2	0
Golf equipment .....	0127	12/85	109.7	110.6	110.8	3.4	.2
Bicycles, adult tricycles, unicycles and parts .....	0182	12/84	107.6	107.7	107.6	1.7	-.1
Playground, gymnasium, and gymnastic equipment .....	0191	12/85	107.2	108.3	111.7	6.6	3.1
Other sporting and athletic goods .....	0193	12/85	108.6	111.0	110.9	4.6	-.1
Small arms and ammunition .....	1513		139.0	138.2	139.0	6.4	.6
Small arms .....	01		145.4	144.2	145.4	6.1	.8
Pistols and revolvers .....	0102		135.2	135.5	135.5	3.8	0
Shot guns .....	0111		159.2	( <sup>2</sup> )	153.7	6.5	( <sup>2</sup> )
Rifles, centerfire .....	0113	06/85	119.2	116.4	119.8	4.5	2.9
Other small arms .....	0115	06/85	116.3	116.3	116.3	5.1	0
Parts and attachments for small arms .....	0119	06/85	116.8	118.7	118.7	7.6	0
Small arms shipped to U.S. military .....	0121	06/85	124.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Small arms ammunition .....	02		134.1	134.0	134.0	3.4	0
Pistol and revolver cartridges .....	0223	06/85	114.2	114.3	114.3	1.3	0
Components for small arms ammunition .....	03						
Components for small arms ammunition .....	0301	06/85	103.1	103.1	103.1	10.4	0
Tobacco products, incl. stemmed & redrie .....	152		187.2	187.4	187.4	12.4	0
Cigarettes .....	1521		204.6	204.6	204.6	14.4	0
Nonfilter tip .....	0101		237.1	237.1	237.1	14.5	0
Filter tip, king size .....	0102		195.8	195.8	195.8	14.6	0
Filter tip, super king and long size .....	0103	12/82	166.0	166.0	166.0	13.9	0
Cigars .....	1522		120.7	130.3	131.3	9.6	.8
Low priced .....	0101		120.9	137.3	137.3	13.6	0
Popular priced .....	0102		116.9	122.9	125.5	10.0	2.1
Medium priced .....	0103		123.9	129.1	129.8	4.9	.5
High priced .....	0104		131.8	141.7	141.7	7.6	0
Other tobacco products .....	1523		154.9	155.5	155.5	6.7	0
Smoking tobacco .....	0101		146.7	149.5	149.5	8.0	0
Loose leaf chewing tobacco .....	0102	12/82	153.0	153.0	153.0	6.0	0
Chewing tobacco other than loose leaf .....	0103	12/82	154.5	155.1	155.1	6.5	0
Snuff, dry and moist .....	0121		182.3	182.3	182.3	6.7	0
Stemmed and redried tobacco .....	1524	06/84	91.2	91.2	91.2	2.5	0
Unstemmed leaf tobacco redried before pack .....	01						
Stemmed tobacco .....	02	06/84	91.6	91.6	91.6	2.5	0
Stemmed tobacco, leaf, not aged .....	0205	06/84	91.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other stemmed tobacco, incl. chopped cigar filler .....	0209	06/84	96.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Notions .....	153		109.9	111.4	112.2	4.5	.7
Buttons, button blanks, and parts .....	1531		110.3	112.8	116.5	8.3	3.3
Needles, pins, and fasteners .....	1532		109.7	111.1	111.2	3.6	.1
Zippers and slide fasteners .....	0102	12/85	109.2	111.5	111.3	4.7	-.2
Needles, pins, non-slide fasteners & similar notions .....	0103	12/85	104.9	105.8	106.0	3.0	.2
Photographic equipment and supplies .....	154		111.8	113.0	113.4	6.5	.4

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982=100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Photographic equipment .....	1541		92.8	93.3	93.3	1.7	0
Photographic equipment, excluding phot .....	0701	12/83	111.1	112.0	112.1	3.4	.1
Photographic supplies .....	1542		119.9	121.4	122.0	8.9	.5
Photographic supplies, except x-ray .....	0601	12/83	117.7	119.3	119.8	8.9	.4
Mobile homes .....	155		111.6	112.5	113.9	4.6	1.2
Mobile homes, residential, single wide .....	1552		111.0	111.4	113.4	5.1	1.8
Mobile homes, residential, double wide .....	1553		112.8	115.1	115.1	3.3	0
Medical, surgical & personal aid devices .....	156		121.2	122.0	122.6	2.3	.5
Personal aid equipment .....	1561						
Electronic hearing aids .....	01		111.2	111.2	111.2	-2	0
Medical instruments and equipment .....	1562	06/82	113.9	115.1	115.6	4.7	.4
Medical instruments and apparatus .....	0101	06/82	110.5	111.5	112.0	3.9	.4
Hospital furniture, excluding beds and chairs .....	0102	06/82	145.4	149.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Surgical appliances and supplies .....	1563	06/83	128.0	128.3	129.3	.9	.8
Surgical dressings .....	0101	06/83	97.3	97.5	99.2	1.5	1.7
Other surgical appliances and supplies .....	0103	06/83	141.3	141.6	142.4	.8	.6
Ophthalmic goods .....	1564	12/83	112.6	113.0	113.0	2.0	0
Ophthalmic fronts and temples .....	0101	12/83	134.2	134.2	134.2	1.8	0
Glass ophthalmic focus lenses .....	0102	12/83	96.9	97.2	97.2	3.1	0
Plastic ophthalmic focus lenses .....	0103	12/83	98.5	99.4	99.4	1.1	0
Contact lenses .....	0104	12/83	94.1	95.1	94.4	1.9	-.7
Other ophthalmic goods .....	0105	12/83	112.9	112.9	113.8	2.1	.8
Dental equipment and supplies .....	1565	06/85	112.1	113.8	114.2	.8	.4
Dental casting metals .....	0101	06/85	107.3	110.9	107.5	-10.8	-3.1
Denture materials .....	0102	06/85	125.7	136.3	136.3	20.1	0
Dental professional and laboratory equipment .....	0103	06/85	111.5	113.3	114.8	3.4	1.3
Dental supplies .....	0104	06/85	113.0	112.7	114.2	2.1	1.3
Industrial safety equipment .....	157		140.9	142.7	144.6	5.9	1.3
Industrial safety equipment .....	1571						
Respiratory protection equipment .....	01						
Respiratory protection equipment .....	0107	06/83	133.9	135.8	137.7	6.3	1.4
Eye and face protective equipment .....	02		141.9	143.4	148.2	5.8	3.3
Industrial safety glasses and goggles .....	0206	12/83	137.4	137.4	137.4	3.0	0
Mining services .....	158	06/85	90.4	90.1	89.7	-1.4	-.4
Mining services .....	1581						
Metal mining services .....	01	12/85	106.7	106.7	106.7	5.2	0
Bituminous coal and lignite mining service .....	03	06/85	102.0	102.0	102.0	1.4	0
Drilling oil and gas wells services .....	04	12/85	87.2	86.8	85.8	-4.3	-1.2
Oil and gas field exploration services .....	05	12/85	71.1	71.1	71.1	-4.3	0
Oil and gas field services, n.e.c. ....	06	12/85	97.0	96.7	96.8	1.5	.1
Nonmetallic minerals mining services .....	07						
Nonmetallic minerals mining services .....	0701	06/85	102.5	101.9	102.0	.6	.1
Other miscellaneous products .....	159		112.6	113.4	113.8	2.9	.4
Miscellaneous products, n.e.c. ....	159-A	12/85	108.7	109.7	110.0	3.1	.3
Candles .....	01	12/85	107.8	107.8	113.7	9.0	5.5
Feathers, plumes and artificial flowers .....	03	12/85	106.3	108.6	107.1	3.7	-1.4
Artificial flowers, feathers and plumes .....	0302	12/85	102.3	102.8	103.5	3.6	.7
Signs and advertising displays .....	04	12/85	108.0	108.5	108.7	3.1	.2
Electric signs .....	0401	12/85	107.0	107.0	107.0	2.1	0
Non-electric signs .....	0402	12/85	108.7	109.3	109.8	3.9	.5
Advertising specialties .....	0403	12/85	108.7	109.9	109.9	3.1	0
Other miscellaneous products, n.e.c. ....	09	12/85	111.7	113.2	113.2	2.4	0
Waste materials, n.e.c. (including exports) .....	0902	12/86	114.2	115.4	115.3	-4.2	-.1
Caskets .....	1591		120.3	123.7	123.8	3.7	.1
Cloth covered, softwood, adult sizes .....	0102		126.9	129.5	129.9	4.6	.3
Hardwood, adult size .....	0103		125.6	127.0	127.0	4.8	0
Steel, excluding stainless, adult sizes .....	0104		119.1	123.1	123.2	3.8	.1
Other metal caskets and coffins, adult sizes .....	0105	12/84	113.4	117.5	117.8	3.9	.3
Other caskets and coffins & metal vaults .....	0108	12/84	110.4	112.6	112.6	2.0	0
Matches .....	1592		143.6	144.8	150.1	14.9	3.7
Musical instruments .....	1593		115.0	115.7	117.0	5.1	1.1
Pianos .....	0114	06/85	117.1	118.5	117.9	7.8	-.5

See footnotes at end of table.

**Table 6. Producer price indexes and percent changes for commodity groupings and individual items—Continued**

(1982 = 100 unless otherwise indicated)

Commodity	Commodity code	Other index base	Index			Unadjusted percent change to May 1989 From:	
			Jan. 1989 <sup>1</sup>	Apr. 1989 <sup>1</sup>	May 1989 <sup>1</sup>	May 1988	Apr. 1989
Musical instruments--Continued .....	1593						
Organs .....	0115	06/85	107.4	107.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Piano and organ parts .....	0116	06/85	106.4	106.5	115.6	9.8	8.5
Other musical instruments and parts .....	0117	06/85	118.3	119.0	120.0	4.8	.8
Jewelry and jewelry products .....	1594		114.5	115.0	114.9	2.2	-.1
Jewelry, platinum and karat gold .....	02		117.4	117.6	117.3	.8	-.3
Other precious metal jewelry .....	03		111.7	111.5	111.3	2.5	-.2
Costume jewelry and novelties .....	04		120.6	122.0	122.3	5.6	.2
Costume jewelry & novelties made of base metal .....	0411	06/85	107.2	108.7	109.0	6.0	.3
Jewelers' findings and materials .....	05		109.2	110.9	111.0	3.4	.1
Pens, pencils, and marking devices .....	1595		114.1	114.7	114.8	2.4	.1
Pens, mechanical pencils, and parts .....	02	12/85	108.9	109.8	109.9	2.4	.1
Ball point pens, including roller pens .....	0201		113.2	113.4	113.4	2.6	0
Soft tip pens .....	0203	12/85	101.2	101.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Pen and mechanical pencil parts & refill cartridges .....	0207	12/85	106.2	( <sup>2</sup> )	106.2	.3	( <sup>2</sup> )
Lead pencils and art goods .....	03	12/85	107.5	107.6	107.8	1.0	.2
Black graphite pencils .....	0301		105.9	( <sup>2</sup> )	105.9	0	( <sup>2</sup> )
Other wood cased pencils, crayons, and chalk .....	0302	12/85	110.0	110.0	110.0	.2	0
Artists' equipment and supplies .....	0303	12/85	112.3	112.3	112.9	2.2	.5
Marking devices .....	04	12/85	111.2	111.7	111.7	3.9	0
Rubber and vinyl stamps .....	0401	12/85	114.4	115.3	115.3	2.9	0
Mechanical hand stamps .....	0402	12/85	115.4	116.5	116.5	5.3	0
Embossing seals .....	0403	12/85	119.1	121.0	121.0	13.9	0
Metal hand stamps .....	0404	12/85	112.3	112.3	112.3	3.5	0
Other marking devices .....	0405	12/85	104.6	104.6	104.6	3.6	0
Watches, clocks and timing mechanisms .....	1596		111.5	111.7	111.7	1.7	0
Watches, clocks & timing mech., ex. parts .....	01		111.6	111.8	111.8	1.9	0
Watches .....	0121	06/83	100.5	100.5	100.5	-.2	0
Clocks .....	0123	06/83	113.1	113.6	113.7	2.6	.1
Timing mechanisms .....	0125	06/83	114.2	114.2	114.2	7.2	0
Brooms and brushes .....	1597		113.3	113.6	114.5	3.5	.8
Brooms .....	0501	12/85	105.7	106.9	106.9	2.9	0
Paint and varnish brushes and rollers .....	0502	12/85	107.3	107.6	109.7	4.5	2.0
Other brushes, excl. paint and varnish brushes .....	0503	12/85	110.2	110.0	110.5	3.2	.5
Phonograph records and prerecorded tapes .....	1598		103.8	102.9	104.2	.3	1.3
Phonograph records .....	01		105.1	105.1	105.8	.1	.7
Audio tapes .....	02		101.9	99.9	102.0	.4	2.1
Fire extinguishers .....	1599		95.4	102.9	102.9	15.5	0
Fire extinguishers .....	0175	12/85	103.4	111.5	111.5	15.5	0

<sup>1</sup> Data for January 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

<sup>2</sup> Not available.

<sup>3</sup> Prices for all items in this grouping are lagged 1 month.

<sup>4</sup> Prices for some items in this grouping are lagged 1 month.

n.e.c. = Not elsewhere classified.

Note: Titles of some commodities are not shown in this table because they fail to meet our publication criteria.

**Table 7. Producer price indexes by durability of product**

(1982=100)

Grouping	1988		1989		
	Annual average	May	January <sup>1</sup>	April <sup>1</sup>	May <sup>1</sup>
Total durable goods .....	114.7	114.1	118.1	118.6	118.8
Total nondurable goods .....	101.1	100.8	104.8	107.4	108.7
Total manufactures .....	109.1	108.6	112.5	114.4	114.9
Durable .....	114.1	113.5	117.1	117.7	118.0
Nondurable .....	104.1	103.7	107.8	110.9	111.6
Total raw or slightly processed goods .....	95.9	95.6	99.9	101.3	103.5
Durable .....	148.0	143.1	162.6	158.3	156.5
Nondurable .....	93.4	93.3	97.0	98.6	101.0

<sup>1</sup> Data for January 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

**Table 8. Producer price indexes for special commodity groupings<sup>1</sup>**

(1982=100 unless otherwise indicated)

Commodity grouping	1988		1989		
	Annual average	May	January <sup>2</sup>	April <sup>2</sup>	May <sup>2</sup>
All commodities except farm products .....	107.1	106.8	110.5	112.5	113.1
All foods .....	111.5	110.0	115.7	116.8	118.4
Processed foods .....	112.1	111.2	115.9	117.2	118.0
Industrial commodities less fuels and related products and power .....	116.5	115.8	120.3	121.2	121.4
Selected textile mill products .....	109.8	109.6	111.9	112.5	113.0
Hosiery .....	110.1	109.7	111.1	111.6	111.7
Underwear and nightwear .....	114.2	113.7	116.0	116.6	116.4
Chemicals and allied products, including synthetic rubber and synthetic fibers .....	115.3	113.7	122.5	124.0	123.9
Pharmaceutical preparations .....	159.9	159.0	168.1	172.3	171.7
Synthetic paint resins (June 1987=100) .....	116.2	115.5	119.8	120.8	121.5
Volatile paint liquids (June 1987=100) .....	101.3	97.4	124.7	126.8	129.4
Lumber and plywood <sup>3</sup> .....	116.7	116.9	116.0	122.4	123.9
Steel mill products, including fabricated wire products .....	110.4	110.4	113.7	114.9	114.7
Finished steel mill products, excluding fabricated wire products .....	110.9	110.9	114.1	115.3	115.0
Finished steel mill products, including fabricated wire products .....	110.6	110.5	113.8	114.9	114.7
Special metals and metal products .....	117.0	115.8	122.3	121.9	121.9
Fabricated metal products .....	113.6	113.3	116.8	118.0	118.5
Copper and copper products .....	153.5	142.5	195.5	186.2	179.1
Machinery and motive products .....	113.8	113.4	116.3	116.7	117.1
Machinery and equipment, except electrical .....	113.1	112.5	115.9	117.1	117.5
Agricultural machinery, including tractors .....	113.4	113.7	114.3	116.8	117.5
Metalworking machinery .....	115.6	115.1	119.1	120.5	120.5
Total tractors .....	110.8	110.5	112.4	116.6	117.5
Construction materials .....	115.7	115.2	118.3	119.2	119.6
Agricultural machinery and equipment, less parts .....	113.4	113.2	114.9	117.1	117.7
Farm and garden tractors, less parts .....	110.4	110.0	111.2	117.7	119.1
Agricultural machinery excluding tractors, less parts .....	115.4	116.1	116.4	116.6	116.9

<sup>1</sup> These indexes are calculated by combining the indexes listed below by commodity code after each special commodity grouping. The weights are those used for the comprehensive All Commodities index.

<sup>2</sup> Data for January 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication.

All commodities except farm products: 02 through 15

All foods: 011, 017, and 02 less 0261, 0262, and 029

Processed foods: 02 less 0261, 0262, and 029

Industrial commodities less fuels and related products and power: 03, 04, and 06 through 15

Selected textile mill products: 0327, 03370105, 03370109, 034, 03810168, 03810169, 03810272, 038810274, 03810298, 03810364, 03820134, 03820303, 03830323, 03830324, 03830325 and 1231

Hosiery: 03810168, 03810169, 03810171, 03810272, 03810273, 03810363, 03810364, and 03810365

Underwear and nightwear: 03810174, 03810175, 03810176, 03810177, 03810178, 03810274, 03810275, 03810276, 03810277, 03810368, and 03810369

Chemicals and allied products, including synthetic rubber and synthetic fibers: 031, 06 less 064, and 071102

Pharmaceutical preparations: 0634, 0635, and 0636

Synthetic paint resins: 06220132, 066207, and 06620903

Volatile paint liquids: 06140141, 06140201, 06140341, 06140356, 06220306, 06220308, 06220309, and 06220311

Lumber and plywood<sup>3</sup>: 081 and 083

Steel mill products, including fabricated wire products: 1017 and 1088

Finished steel mill products, excluding fabricated wire products: 1017 less 101701 and 101702

Finished steel mill products, including fabricated wire products: 1017 and 1088 less 101701 and 101702

Special metals and metal products: 10, 111, and 141

Fabricated metal products: 10-3 through 10-8

Copper and copper products: 10210201, 10220123, 10220162, 102301, 10240301, 10240302, 10240304, 10240305, 102502, 10260315, 10260316, 10260317, 10260319, 10260325, 10280301, 10280302, and 10280303

Machinery and motive products: 11 and 14

Machinery and equipment, except electrical: 111, 112, 113, 114, 116, 118, and 119

Agricultural machinery, including tractors: 1111 and 1112 less 11115211 and 111251

Metalworking machinery: 113A, 1132, 113304, 1137, and 1138

Total tractors: 1111 and 1128 less 11115211, 112802, and 112803

Agricultural machinery and equipment, less parts (old commodity code 111): 111 less 11115211 and 111251

Farm and garden tractors, less parts (old commodity code 1111): 1111 less 11115211

Agricultural machinery excluding tractors, less parts (old commodity code 1112): 1112 less 111251

Construction materials: 0621, 0721, 0811, 082, 083, 08490105, 086, 092, 101502, 10170399, 10170499, 10170611, 10170627, 10250103, 10250104, 10250121, 10250123, 10250254, 10260307, 104101, 105, 106, 1071, 10730101, 10730109, 10730145, 10730146, 10730164, 10730165, 107402, 107403, 107404, 10740501, 10740781, 10740791, 10810246, 10830301, 10830321, 10830323, 10830325, 10830329, 10830351, 10830361, 10880211, 10880213, 10880721, 10880961, 10890566, 1142, 1147, 11490205, 11710109, 11710111, 11710112, 11710113, 11710115, 11710116, 11710117, 11710118, 11710119, 11710121, 11710266, 11710267, 11710272, 11710273, 11710274, 11710282, 123101, 1232, 131105, 132, 133, 134, 136, 137, 1392, 1393, 1394, and 139501

<sup>3</sup> Formerly entitled: Lumber and wood products, excluding millwork

N.A. = Not available

Table 9. Producer price indexes and percent changes for selected telephone services

(1972=100)

Industry/ product code	Description	Indexes			Unadjusted percent change	
		Jan. 1989 1/	Apr. 1989 1/	May 1989 1/	to May 1988	1989 from: Apr. 1989
4811-1	Local service .....	226.2	229.3	229.3	5.0	0
4811-111	Residential 2/.....	246.6	252.0	252.1	7.0	0
4811-112	Business .....	234.3	234.7	234.7	1.8	0
4811-113	Optional additional usage	127.5	127.5	127.5	-.2	0
4811-114	Coin .....	246.6	246.7	246.7	5.8	0
4811-2	Toll service .....	123.1	124.1	124.0	-.2	-.1
4811-211	Intrastate MTS .....	148.3	153.8	153.7	1.5	-.1
4811-212	Interstate MTS .....	109.7	108.0	108.0	-1.0	0
4811-213	International MTS .....	83.8	83.8	83.8	0	0
4811-214	WATS .....	102.2	99.6	99.6	-5.1	0
4811-214-11	Interstate WATS .....	90.6	87.0	87.0	-6.6	0
4811-214-12	Intrastate WATS .....	132.9	132.7	132.7	-2.6	0
4811-311	Private lines, interstate ..	168.3	168.3	168.3	0	0
4811-911	Directory advertising .....	293.4	294.0	295.8	4.2	.6

1/ Data for Jan. 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

2/ Telephone services contained in the Consumer Price Index cover not only local residential service, but also parts of toll service, equipment leasing (such as extension phones), and non-recurring charges (such as installation).

**Table 10. Producer price indexes and percent changes for postal services**

(1982=100)

Industry/ product code	Description	Dec. 1987 relative importance 1/	Indexes			Unadjusted percent change	
			Jan. 1989 2/	Apr. 1989 2/	May 1989 2/	to May 1988	1989 from: Apr., 1989
4311	United States Postal Service .....	1.0000	126.3	126.3	126.3	0	0
4311-1	First class mail 3/.....	.6508	122.4	122.4	122.4	0	0
4311-111	Letter mail .....	.5992	124.2	124.2	124.2	0	0
4311-112	Post cards .....	.0146	114.0	114.0	114.0	0	0
4311-113	Priority mail .....	.0370	98.6	98.6	98.6	0	0
4311-2	Second class mail .....	.0503	131.5	131.5	131.5	0	0
4311-211	In county mail .....	.0046	82.3	82.3	82.3	0	0
4311-212	Regular rate mail .....	.0351	136.3	136.3	136.3	0	0
4311-213	Nonprofit rate mail .....	.0103	138.4	138.4	138.4	0	0
4311-214	Classroom rate mail .....	.0003	115.8	115.8	115.8	0	0
4311-3	Third class mail .....	.1742	135.8	135.8	135.8	0	0
4311-311	Single piece mail .....	.0114	116.1	116.1	116.1	0	0
4311-312	Regular bulk mail .....	.1205	148.9	148.9	148.9	0	0
4311-313	Nonprofit bulk mail .....	.0410	105.2	105.2	105.2	0	0
4311-4	Fourth class mail 3/.....	.0405	132.6	132.6	132.6	0	0
4311-411	Parcel post .....	.0221	129.5	129.5	129.5	0	0
4311-412	Bound printed matter .....	.0038	130.6	130.6	130.6	0	0
4311-413	Special rate mail .....	.0108	146.1	146.1	146.1	0	0
4311-414	Library rate mail .....	.0038	113.2	113.2	113.2	0	0
4311-5	International mail .....	.0279	137.3	137.3	137.3	0	0
4311-511	International air mail .....	.0184	130.8	130.8	130.8	0	0
4311-512	International surface mail .....	.0033	326.7	326.7	326.7	0	0
4311-513	Terminal dues and transit fees .	.0062	99.9	99.9	99.9	0	0
4311-6	Special services and fees .....	.0387	137.5	137.5	137.5	0	0
4311-611	Special services .....	.0325	132.2	132.2	132.2	0	0
4311-612	Domestic mail fees .....	.0056	172.2	172.2	172.2	0	0
4311-613	Other services and fees .....	.0006	159.6	159.6	159.6	0	0
4311-912	Express mail .....	.0167	118.0	118.0	118.0	0	0
4311-913	Mailgram service.....	.0010	162.2	162.2	162.2	0	0

- 1/ The figure shown for each item is its value weight expressed as a proportion of the total value weight for the U.S. Postal Service Index.
- 2/ Data for Jan. 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.
- 3/ Postal service prices contained in the Consumer Price Index are from first class and fourth class mail.

**Table 11. Producer price indexes for material inputs to construction industries**

(June 1986=100)

Grouping 1/	Relative importance	Unadjusted index			Unadjusted percent change to May 1989 from:	
		Dec. 1988	Jan. 1989 2/	Apr. 1989 2/	May 1989 2/	May 1988
Inputs to construction industries.....	100.000	108.8	110.8	111.4	5.5	0.5
New construction.....	73.558	108.8	110.8	111.4	5.5	.5
Single-unit residential.....	30.503	107.6	110.0	110.6	5.1	.5
Multi-unit residential.....	4.719	107.7	109.5	109.9	4.7	.4
Non-residential buildings.....	18.677	109.1	110.5	110.9	4.9	.4
Highway and street construction.....	4.566	105.0	107.4	108.0	4.0	.6
Water and sewer supply construction.....	2.825	108.6	109.9	110.5	4.8	.5
Other heavy construction.....	12.268	113.6	115.4	116.2	8.1	.7
Maintenance and repair construction.....	26.442	108.9	110.7	111.3	5.4	.5
Residential.....	8.414	108.3	110.0	110.6	5.2	.5
Non-residential.....	18.028	109.2	111.0	111.7	5.5	.6

1/ Indexes in this table are derived from the primary product indexes in table 5 that are weighted using 1977 input/output relationships. These indexes only include inputs to construction which are produced by the mining and manufacturing sectors of the economy, excluding capital equipment. Since they do not include labor or capital costs, these indexes should not be regarded as comprehensive measures of changes in construction costs. See note on page 190 of the July 1986 issue of Producer Price Indexes.

2/ Data for Jan. 1989 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

3/ Not available.

**Table 12. Producer price indexes and percent changes for the net output of industry by stage of process**

(June 1987=100)

Grouping 1/	Relative Importance	Unadjusted Index 2/			Unadjusted percent changes					
		Jan. 1989 2/	Apr. 1989 2/	May. 1989 2/	12 months ending May. 1989	3 months ending--				Apr. 1989 To May. 1989
						Aug. 1988	Nov. 1988	Feb. 1989	May. 1989	
<b>Net output from:</b>										
Crude processors	100.000	112.0	113.6	115.1	9.9	1.2	-0.2	6.0	2.6	1.3
Crude agricultural and feed processors	11.016	139.6	130.9	134.6	17.1	24.1	-6.6	0.2	0.9	2.8
Crude agricultural processors	6.974	147.8	136.2	142.9	20.3	28.3	-10.1	1.4	2.9	4.9
Crude feed processors	4.042	127.0	122.7	121.9	11.9	17.2	-0.2	-2.0	-2.3	-0.7
Crude mining processors	43.208	98.3	102.0	104.5	8.9	-5.4	-1.2	11.4	4.6	2.5
Crude manufacturing processors less feeds	45.776	122.6	124.1	123.7	9.5	3.1	2.5	2.5	1.1	-0.3
Crude nondurables processors	34.634	120.3	122.5	122.4	9.8	3.5	2.1	2.5	1.3	-0.1
Crude durables processors	11.142	130.1	129.4	128.0	8.3	1.6	4.0	2.2	0.2	-1.1
Primary processors	100.000	106.8	110.8	112.4	8.4	1.4	-0.1	1.6	5.2	1.4
Primary agricultural and food processors	18.079	111.4	109.1	111.8	9.3	5.8	-1.0	1.1	3.2	2.5
Primary agricultural processors	16.009	109.4	107.6	110.2	9.5	4.1	0.2	1.7	3.3	2.4
Primary food processors	2.069	127.4	121.5	124.9	7.7	18.2	-8.9	-3.1	3.2	2.8
Primary mining processors	0.905	102.7	103.6	104.1	2.0	0.0	0.2	0.8	1.0	0.5
Primary manufacturing processors less foods	81.017	105.9	111.3	112.7	8.4	0.6	0.1	1.7	5.8	1.3
Primary nondurables processors	48.706	103.4	111.4	113.4	10.6	0.3	-0.8	2.2	8.8	1.8
Primary durables processors	32.311	109.9	111.3	111.4	4.7	1.1	1.4	1.1	1.0	0.1
Semifinished processors	100.000	107.3	108.4	109.0	5.4	1.0	1.7	1.3	1.3	0.6
Semifinished agricultural and food processors	22.366	107.6	109.1	110.9	8.8	1.5	3.7	0.7	2.8	1.6
Semifinished agricultural processors	2.644	114.5	114.0	126.3	22.3	-0.5	23.1	-7.7	8.2	10.8
Semifinished food processors	19.722	106.5	108.3	108.9	7.1	1.8	1.2	2.0	2.0	0.6
Semifinished manufacturing processors less foods	77.634	107.2	108.2	108.4	4.3	0.8	1.1	1.5	0.8	0.2
Semifinished nondurables processors	22.991	109.8	110.9	110.9	5.0	0.9	1.3	2.0	0.6	0.0
Semifinished durables processors	54.643	106.1	107.0	107.4	4.1	0.8	1.0	1.3	0.9	0.4
Finished processors	100.000	106.2	106.7	107.0	4.4	1.1	1.4	1.4	0.5	0.3
Finished foods processors	19.942	106.3	106.7	107.1	5.4	1.8	1.8	1.2	0.5	0.4
Finished mining processors	1.872	103.7	103.3	102.2	-4.2	-2.4	-0.3	-0.1	-1.4	-1.1
Finished manufacturing processors less foods	78.186	106.2	106.7	107.1	4.3	0.9	1.4	1.4	0.6	0.4
Finished nondurables processors	19.961	109.6	110.7	110.9	5.9	2.1	0.6	2.4	0.7	0.2
Finished durables processors	58.224	105.1	105.4	105.8	3.7	0.5	1.7	1.1	0.5	0.4
<b>Special groupings:</b>										
Crude energy processors	41.591	98.1	101.9	104.6	9.1	-5.7	-1.3	11.8	4.9	2.6
Crude processors less energy	58.409	125.0	124.6	124.9	10.6	6.7	0.7	2.0	1.0	0.2
Crude processors less agriculture	93.026	109.9	112.3	113.5	9.2	-0.6	0.7	6.3	2.6	1.1
Crude processors less agriculture and feeds	88.984	109.3	111.9	113.2	9.2	-1.3	0.7	6.8	2.8	1.2
Crude processors less agriculture, feed and energy	47.393	121.9	123.2	122.8	9.2	3.0	2.5	2.4	0.9	-0.3
Primary energy processors	18.821	94.9	111.7	116.1	18.5	-1.5	-3.7	3.1	21.2	3.9
Primary processors less energy	81.179	110.1	110.7	111.4	5.8	2.2	0.8	1.2	1.5	0.6
Primary processors less agriculture, food and energy	63.100	109.7	111.1	111.3	4.9	1.3	1.3	1.3	0.9	0.2
Finished processors less food	80.058	106.2	106.7	107.0	4.1	0.8	1.4	1.3	0.6	0.3

1/ Indexes in this table are derived from the industry indexes in table 5. Industries are allocated to stages of process based on inter-industry shipment patterns from the 1977 input/output relationships.

2/ All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

3/ Not available.

**Table 13. Producer price indexes and percent changes for net material inputs to industry stage of process and final demand**

(June 1987=100)

Grouping 1/	Relative Importance	Unadjusted Index 2/			Unadjusted percent changes						
		Dec. 1988	Jan. 1989 2/	Apr. 1989 2/	May. 1989 2/	12 months ending May. 1989	3 months ending--				Apr. 1989 To May. 1989
							Aug. 1988	Nov. 1988	Feb. 1989	May. 1989	
<b>Net material input to:</b>											
Primary processors	100.000	109.0	114.4	115.4	11.1	0.1	-3.1	7.9	6.1	0.9	
Foods and agricultural products	15.161	135.4	128.5	130.9	17.0	22.4	-4.7	0.1	0.2	1.9	
Crude food and agricultural products	7.554	144.7	134.8	140.9	22.0	28.1	-9.3	2.2	2.8	4.5	
Processed foods	7.607	127.0	122.8	122.1	12.3	17.2	-0.2	-1.9	-2.1	-0.6	
Energy	30.635	89.4	103.4	105.5	14.4	-11.2	-11.2	23.7	17.4	2.0	
Goods less food and energy	54.204	118.6	120.0	119.8	7.3	2.1	2.2	2.2	0.7	-0.2	
Mining products less energy	1.648	104.3	103.8	103.6	4.2	1.1	3.2	1.1	-1.1	-0.2	
Nondurables less food and energy	33.314	117.2	119.4	119.3	8.0	2.5	1.9	2.1	1.3	-0.1	
Durables	19.242	122.7	122.8	122.3	6.5	1.2	2.9	2.4	-0.2	-0.4	
Semifinished processors	100.000	110.3	111.2	112.1	6.1	1.4	1.0	1.8	1.7	0.8	
Foods and agricultural products	28.111	105.6	105.0	108.1	6.8	1.5	-0.5	2.3	3.4	3.0	
Crude food and agricultural products	26.060	104.8	104.4	107.6	6.7	0.8	-0.4	2.6	3.7	3.1	
Processed foods	2.051	116.7	113.7	114.7	7.1	9.9	-2.6	-1.1	1.2	0.9	
Energy	1.529	94.2	109.8	112.9	16.9	-3.5	-3.4	5.9	18.5	2.8	
Goods less food and energy	70.359	112.6	113.8	113.7	5.6	1.5	1.8	1.4	0.7	-0.1	
Mining products less energy	0.943	104.2	104.7	105.2	2.1	0.6	0.1	1.1	0.4	0.5	
Nondurables less food and energy	30.877	111.6	113.0	113.1	5.6	1.8	1.3	1.7	0.7	0.1	
Durables	38.540	113.6	114.6	114.4	5.5	1.3	2.3	1.2	0.6	-0.2	
Finished processors	100.000	107.9	108.7	109.1	4.8	1.2	1.4	1.1	0.9	0.4	
Foods and agricultural products	12.770	112.7	111.9	113.7	10.5	3.8	4.8	-0.2	1.8	1.6	
Crude food and agricultural products	4.536	117.8	113.2	117.6	13.3	2.3	14.1	-5.1	2.3	3.9	
Processed foods	8.235	110.9	112.0	112.4	9.7	4.4	0.9	2.5	1.5	0.4	
Energy	0.624	94.4	109.8	112.9	16.9	-3.5	-3.3	6.0	18.2	2.8	
Goods less food and energy	86.606	107.4	108.3	108.5	4.0	1.1	0.9	1.2	0.7	0.2	
Mining products less energy	0.062	107.8	108.7	109.1	3.3	1.2	0.3	1.3	0.5	0.4	
Nondurables less food and energy	30.838	110.0	111.0	111.2	4.6	1.2	1.0	1.7	0.6	0.2	
Durables	55.706	106.0	106.8	107.0	3.6	0.9	1.0	1.0	0.8	0.2	
Final demand	100.000	106.1	108.0	109.0	6.3	1.3	1.3	1.1	2.4	0.9	
Consumers	71.990	106.5	108.9	110.1	7.4	1.6	1.2	1.2	3.2	1.1	
Foods and agricultural products	27.108	107.9	108.8	109.8	7.9	2.2	2.7	0.9	1.9	0.9	
Crude food and agricultural products	2.447	134.7	128.5	136.1	26.7	9.1	16.4	-6.6	6.8	5.9	
Processed foods	24.662	105.7	107.1	107.6	6.2	1.6	1.4	1.7	1.4	0.5	
Energy	5.508	93.5	114.5	122.1	24.1	0.9	-4.5	-0.2	29.1	6.6	
Consumer goods less food and energy	39.374	107.6	108.1	108.4	4.5	1.2	1.3	1.6	0.4	0.3	
Mining products less energy	0.003	105.6	106.1	106.4	2.4	0.7	0.6	0.7	0.5	0.3	
Nondurables less food and energy	22.996	109.8	110.9	111.0	5.5	1.7	0.8	2.2	0.6	0.1	
Durables	16.376	104.6	104.4	104.9	3.1	0.4	2.1	0.6	0.1	0.5	
Capital investment	28.010	105.1	105.6	105.9	3.2	0.5	1.3	1.0	0.5	0.3	
Special groupings:											
Final demand less foods and agricultural products	72.892	105.4	107.7	108.6	5.6	1.0	0.8	1.1	2.6	0.8	
Final demand less energy	94.464	106.9	107.6	108.1	5.2	1.3	1.7	1.2	0.8	0.5	
Final demand less food and energy	67.355	106.6	107.1	107.4	4.1	1.0	1.2	1.3	0.5	0.3	
Consumer goods less energy 4/	92.349	107.7	108.4	109.0	5.9	1.7	1.8	1.3	1.0	0.6	
Consumer goods less foods and agricultural products 4/	62.344	105.6	109.0	110.3	7.2	1.3	0.5	1.3	4.0	1.2	
Nondurable consumer goods less foods 4/	39.594	106.2	111.7	113.5	9.5	1.5	-0.3	1.7	6.3	1.6	

1/ Indexes in this table are derived from the product indexes in table 5. These indexes are composed of the goods used by the industries in each of the industry stage of process output indexes as shown by the 1977 input/output relationships. These material inputs include only domestic material input and do not include any imported materials which may be used.

2/ All data are subject to revision 4 months after original publication. Data are not seasonally adjusted.

3/ Not available.

4/ Percent of final input to consumers.

# Technical Notes

## Brief Explanation of Producer Price Indexes

Producer price indexes (PPI) measure average changes in prices received by domestic producers of commodities in all stages of processing. Most of the information used in calculating the indexes is obtained through the systematic sampling of nearly every industry in the manufacturing and mining sectors of the economy. The PPI program also includes some information from other sectors—agriculture, fishing, forestry, services, and gas and electricity. Because producer price indexes are designed to measure only the change in prices received for the output of domestic industries, imports are not included. The sample currently contains about 3,100 commodities and 75,000 quotations per month.

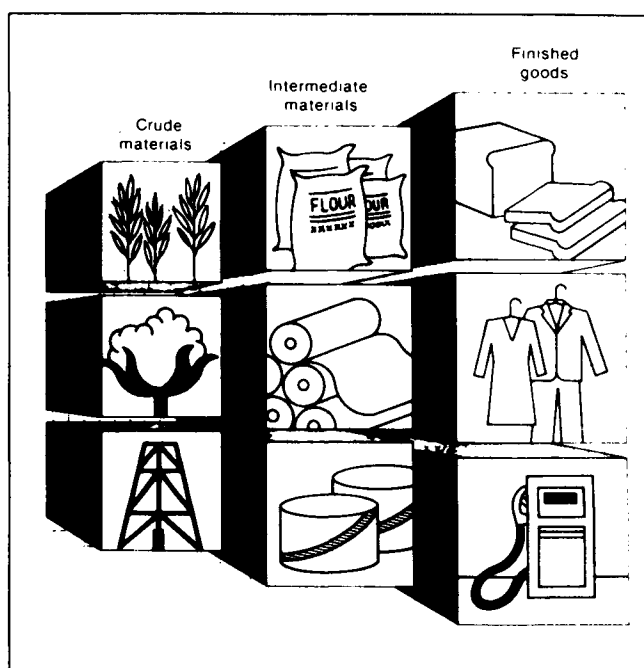
There are three primary systems of indexes within the PPI program: (1) Stage-of-processing indexes; (2) commodity indexes; and (3) indexes for the net output of industries and their products. The stage-of-processing structure (table 1) organizes products by class of buyer and degree of fabrication. The entire output of various industries is sampled to derive price indexes for the net output of industries and their products (table 5). The commodity structure (table 6) organizes products by similarity of end-use or material composition.

Within the stage-of-processing system, finished goods are commodities that will not undergo further processing and are ready for sale to the final demand user, either an individual consumer or business firm. Consumer foods include unprocessed foods such as eggs and fresh vegetables, as well as processed foods such as bakery products and meats. Other finished consumer goods include durable goods such as automobiles, household furniture, and appliances, and nondurable goods such as apparel and home heating oil. Capital equipment includes producer durable goods such as heavy motor trucks, tractors, and machine tools.

The stage-of-processing category for intermediate materials, supplies, and components consists partly of commodities that have been processed but require further processing. Examples of such semifinished goods include flour, cotton yarn, steel mill products, and lumber. The intermediate goods category also encompasses nondurable, physically complete items purchased by business firms as inputs for their operations. Examples include diesel fuel, belts and belting, paper boxes, and fertilizers.

Crude materials for further processing are products entering the market for the first time that have not been manufactured or fabricated and that are not sold directly to consumers. Crude foodstuffs and feedstuffs include items such as grains and livestock. Examples of crude nonfood materials include raw cotton, crude petroleum, coal, hides and skins, and iron and steel scrap.

The illustration shows examples of how products are classified by stage of processing.



Producer price indexes for the net output of industries and their products are grouped according to the Standard Industrial Classification (SIC) and the Census product code extension of the SIC. Industry price indexes are compatible with other economic time series organized by SIC codes, such as data on employment, wages, and productivity. Table 4 lists indexes for the net output of major mining and manufacturing industry groups at the 2-digit level. Table 5 includes data for SIC industries and industry groups (2-, 3-, and 4-digit levels); indexes for Census product classes (5- and 6-digit levels), products (7-digit level), and more detailed subproducts (9-digit level); and, for some industries, indexes for other sources of revenue.

Indexes may be represented by one to three kinds of product indexes. Every industry has primary product indexes to show changes in prices received by establishments classi-

fied in the industry for products made primarily, but not always exclusively, within the industry. The industry classification of an establishment is determined by which products comprise a plurality of its total shipment value. In addition, some industries also may have secondary product indexes that show changes in prices received by establishments classified in the industry for products primary to some other industry. Finally, some industries have miscellaneous receipts indexes to show price changes in other sources of revenue received by establishments within the industry that are not derived from sales of their products, e.g., resales of purchased materials, or revenues from parking lots owned by a manufacturing plant.

Some product indexes published in table 5 correspond to 8-digit commodity indexes in table 6. In these cases, movement of the latter indexes are calculated on the basis of movements of their counterparts in table 5. Although most such indexes continue to be published in table 6 on a base period of 1982 = 100 or some later base, corresponding indexes in table 5 are published on a base of the month of their introduction. Even though index levels for corresponding items may differ, monthly percent changes will be identical. (See "Calculating Index Changes," below.)

Producer price indexes are based on selling prices reported by establishments of all sizes selected by probability sampling, with the probability of selection proportionate to size. Individual items and transaction terms from these firms are also chosen by probability proportionate to size. BLS strongly encourages cooperating companies to supply actual transaction prices at the time of shipment to minimize the use of list prices. Prices are normally reported by mail questionnaire for the Tuesday of the week containing the 13th.

Price data are provided on a voluntary and confidential basis; no one but sworn BLS employees are allowed access to individual company price reports. The Bureau publishes price indexes instead of unit dollar prices. All producer price indexes are routinely subject to revision once, 4 months after original publication, to reflect the availability of late reports and corrections by respondents.

Net output values of shipments are used as weights for industry indexes. Net output values refer to the value of shipments from establishments in one industry to establishments classified in another industry. However, weights for commodity price indexes are based on gross shipment values, including shipment values between establishments within the same industry. As a result, broad commodity grouping indexes such as the all commodities index are affected by the multiple counting of price change at successive stages of processing, which can lead to exaggerated or misleading signals about inflation. Stage-of-processing indexes partially correct this defect, but industry indexes consistently correct for this at all levels of aggregation. Therefore, industry and stage-of-processing indexes are more appropriate than broad commodity groupings for economic analysis of general price trends. Weights for most traditional commodity groupings of the PPI, as well as all indexes (such as stage-of-processing

indexes) calculated from traditional commodity groupings, currently reflect 1982 values of shipments as reported in the Census of Manufactures and other sources. From January 1976 through December 1986, PPI weights were derived from 1972 shipment values. Industry indexes, which are based on the SIC system, continue to be calculated with 1977 net output weights.

Effective with publication of January 1988 data, many important PPI series (including all stage-of-processing groupings and most commodity groups and individual items) were placed on a new reference base, 1982 = 100, to coincide with the reference year of shipment weights. From 1971 through 1987, the standard reference base for most PPI series was 1967 = 100. Except for rounding differences, the shift to the new reference base did not alter previously published percent changes for affected PPI series. (See "Calculating Index Changes," below.) The new reference base is not used for indexes with a base later than December 1981, nor for indexes for the net output of industries and their products.

For further information on the underlying concepts and methodology of the Producer Price Index, see chapter 16, "Producer Prices," in *BLS Handbook of Methods* (1988), Bulletin 2285. Reprints are available from the Bureau of Labor Statistics on request (202-523-1221).

## Calculating Index Changes

Movements of price indexes from one month to another are usually expressed as percent changes rather than as changes in index points because index point changes are affected by the level of the index in relation to its base period, while percent changes are not. The box shows the computation of index point and percent changes.

<i>Index Point Change</i>	
Finished Goods Price Index	107.5
Less previous index	104.0
Equals index point change	3.5
<i>Index Percent change</i>	
Index point change	3.5
Divided by the previous index	104.0
Equals	0.034
Result multiplied by 100	0.034 x 100
Equals percent change	3.4

Percent changes for 3-month and 6-month periods can be expressed as annual rates that are computed according to the standard formula for compound growth rates. These data indicate what the percent change would be if the rate for a given 3- or 6-month span were maintained for a 12-month period.

Each index measures price changes from a reference period which equals 100.0 (1982 or some later month). An increase of 5.5 percent from the reference period in the Finished

Goods Price Index, for example, is shown as 105.5. This change can also be expressed in dollars as follows: "Prices received by domestic producers of a systematic sample of finished goods have risen from \$100 in 1982 to \$105.50 today." Likewise, a current index of 90.0 would indicate that prices received by producers of finished goods today are 10 percent lower than they were in 1982.

## Seasonally Adjusted and Unadjusted Data

Because price data are used for different purposes by different groups, the Bureau of Labor Statistics publishes seasonally adjusted as well as unadjusted changes each month.

Seasonally adjusted data are preferred for analyzing general price trends in the economy because they eliminate the effect of changes that normally occur at about the same time and in about the same magnitude every year—such as price movements resulting from normal weather patterns, regular production and marketing cycles, model changeovers, seasonal discounts, and holidays. For these reasons, seasonally adjusted data more clearly reveal underlying cyclical trends.

Unadjusted data are of primary interest to users who need information which can be related to actual dollar values of transactions. Individuals requiring this information include marketing specialists, purchasing agents, budget and cost analysts, contract specialists, and commodity traders. It is the unadjusted data that are generally cited in escalating long-term contracts such as purchasing agreements or real estate leases. (See *Escalation and Producer Price Indexes: A Guide for Contracting Parties*, BLS Report 570, available on request from BLS.)

Seasonal factors used in computing seasonally adjusted indexes are derived from the X-11 Seasonal Adjustment

Method. Annual updates replace the most recent 5 years of seasonal data, e.g., data from January 1983 through December 1987 were replaced at the beginning of 1988. Indexes for most broad commodity groupings and 8-digit individual commodities in table 6, as well as industry and Census product indexes in tables 4 and 5, do not undergo the seasonal adjustment process and, therefore, are published only as unadjusted data.

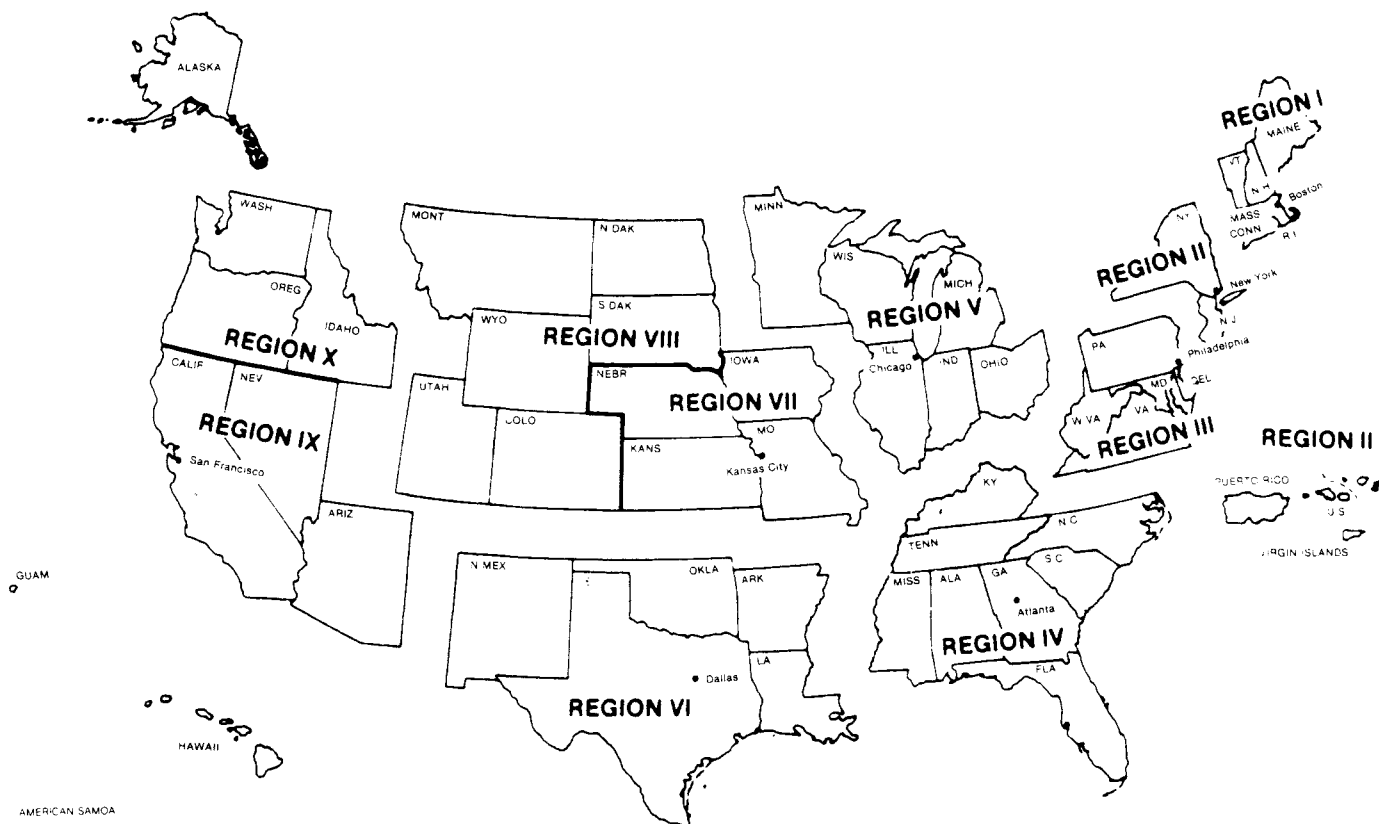
Some indexes are adjusted directly, independently of the seasonal movements of other more detailed series comprising the category in question. This is the case for all indexes in table 6 which are adjusted, as well as for certain basic stage-of-processing categories in table 1. Seasonal movements for most stage-of-processing indexes are derived indirectly by the aggregate method, which combines seasonal movements of the basic stage-of-processing categories with those of a wide variety of food and certain other subproduct class (6-digit level) series.

Direct seasonal adjustment produces a more complete elimination of seasonal movements than the aggregative method does. However, the direct seasonal adjustment process does not yield figures that possess additive consistency. Thus, a seasonally adjusted index for a broad category that is directly adjusted may not be logically consistent with all seasonally adjusted indexes for its components. Seasonally adjusted data can also become problematic when previously stable and predictable timing patterns of pricing behavior abruptly change. If the new timing pattern persists, the seasonal adjustment method will eventually reflect it adequately; if these patterns keep shifting, however, seasonally adjusted data will be chronically troublesome. This problem occurs relatively infrequently for farm and food-related products but has more often affected manufactured products such as automobiles and steel.

For more information, see "Appendix A: Seasonal Adjustment Methodology at BLS," in *BLS Handbook of Methods* (1988), Bulletin 2285.

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