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Producer Price Indexes -- June 1999

The Producer Price Index for Finished Goods declined 0.1 percent in June, seasonally adjusted, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. This decrease follows a 0.2-percent increase in May and a 0.5-percent advance in April. The index for finished goods other than foods and energy fell 0.2 percent in June, after rising 0.1 percent a month earlier. Excluding a 1.3-percent decline in passenger cars and a 0.7-percent decrease in light motor trucks, the indexes for finished goods and for finished goods other than foods and energy showed no change in June. Prices received by manufacturers of intermediate goods rose 0.4 percent, following a 0.2-percent increase in the prior month. The crude goods index advanced 1.4 percent, after rising 5.5 percent in May. (See table A.)

Table A. Monthly and annual percent changes in selected stage-of-processing price indexes, seasonally adjusted

Month	Total	Foods	Finished goods		Inter- mediate goods	Crude goods
			Energy and energy	Except foods and energy		
				Change in finished goods from 12 months ago (unadj.)		

1998							
June	-0.2	-0.1	-0.8	-0.1	-0.7	-0.3	-2.7
July	.2	.5	-.1	.2	-.2	0	.1
Aug.	-.3	-.3	-1.9	0	-.8	-.3	-4.2
Sept.	.2	.2	-.4	.3	-.9	-.3	-1.8
Oct.	.3	.4	.8	.1	-.7	-.2	2.5
Nov.	-.2	-.4	-1.3	.1	-.6	-.2	-.1
Dec.	.5	0	-1.8	1.0	0	-.7	-3.6

1999							
Jan.	.3	1.5	.8	-.2	.8	0	.6
Feb.	r -.5	r -1.2	r -1.1	.1	.5	r -.3	r -2.3
Mar.	r .4	r .3	r 2.0	0	.8	r .4	r .8
Apr.	.5	-.9	5.1	.1	1.1	.6	1.3
May	.2	.5	0	.1	1.4	.2	5.5
June	-.1	.4	-.3	-.2	1.5	.4	1.4

r=revised. Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for February 1999 have been revised to reflect the availability of late reports and corrections by respondents.

Among finished goods, capital equipment declined, after increasing in May. The indexes for finished energy goods and for finished consumer goods other than foods and energy fell, after showing no change in the previous month. Finished consumer foods prices rose slightly less than in the prior month.

During the first six months of 1999, the Finished Goods Price Index advanced at a 1.5-percent seasonally adjusted annual rate, after rising at a 1.4-percent rate during the latter half of 1998. Prices for finished energy goods rose at a 13.5-percent annual rate in the first half of this year, following a 9.1-percent rate of decline during the final six months of last year. The index for finished consumer foods increased at a 1.2-percent seasonally adjusted annual rate from December 1998 to June 1999, after increasing at a 1.0-percent rate in the previous six-month period. Prices for finished goods other than foods and energy fell at a 0.4-percent annual rate during the first half of 1999, following a 3.5-percent rate of increase for the last six months of 1998. The Intermediate Goods Price Index advanced at a 2.5-percent seasonally adjusted annual rate for the first half of this year, following a 3.4-percent rate of decline during the final six months of last year. The Crude Goods Price Index increased at a seasonally adjusted annual rate of 15.1 percent from December 1998 to June 1999, after falling at a 13.7-percent rate in the second half of 1998.

Before seasonal adjustment, the Producer Price Index for Finished

Goods rose 0.2 percent in June to stand at 132.7 (1982=100). From June 1998 through June 1999, the Finished Goods Price Index advanced 1.5 percent. During the same period, prices for finished goods other than foods and energy also increased 1.5 percent, while the finished energy goods index rose 1.6 percent, and prices for finished consumer foods advanced 1.1 percent. Prices received by producers of intermediate goods declined 0.5 percent for the 12 months ended in June, and the index for crude goods fell 0.4 percent during the same period.

Table B. Monthly and annual percent changes in selected price indexes for intermediate goods and crude goods, seasonally adjusted

Month	Intermediate goods				Crude goods			
	Foods	Energy	Excluding foods and energy	Change in intermediate goods from 12 months ago (unadj.)	Foods	Energy	Excluding foods and energy	Change in crude goods from 12 months ago (unadj.)
1998								
June	-0.6	-1.1	-0.1	-1.8	0.4	-8.0	-0.4	-8.9
July	.4	0	-.1	-1.6	-3.4	6.0	-1.5	-8.4
Aug.	-.4	-1.5	-.1	-2.1	-1.1	-9.0	-2.8	-12.3
Sept.	-.9	-.5	-.3	-2.5	-.9	-3.6	-1.2	-15.1
Oct.	-.4	1.0	-.3	-2.5	3.2	5.5	-3.0	-16.6
Nov.	.8	-1.1	-.2	-2.9	-.6	2.0	-2.2	-18.4
Dec.	-.6	-3.5	-.2	-3.3	-4.3	-4.0	-1.7	-16.7
1999								
Jan.	.6	.8	-.2	-2.7	4.9	-5.0	.2	-11.4
Feb.	r -1.9	r -.9	-.1	-2.7	r -3.0	r -3.6	r 1.2	r -11.9
Mar.	r -1.5	r 2.7	.1	-2.0	r -.7	r 4.3	r -1.0	-10.0
Apr.	-1.8	4.5	.2	-1.4	-2.5	8.5	-1.1	-9.9
May	.5	.4	.2	-1.1	2.2	11.9	2.3	-4.4
June	.7	-.2	.5	-.5	.4	3.1	.5	-.4

r=revised. Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for February 1999 have been revised to reflect the availability of late reports and corrections by respondents.

Finished goods

Capital equipment prices fell 0.3 percent in June, after registering a 0.2-percent gain in May. The light motor trucks index declined 0.7 percent, following a 0.8-percent advance a month earlier. Radio and television communication equipment prices decreased, after showing no change in the previous month. The indexes for civilian aircraft and construction machinery and equipment fell, following increases a month ago. Heavy motor truck prices were unchanged, after rising in the prior month. The commercial furniture index rose less than in May. Conversely, railroad equipment prices advanced 1.4 percent in June, after edging up 0.1 percent in May. The electronic computers index fell less than a month earlier. Prices for industrial material handling equipment rose, after showing no change in the previous month. The capital equipment index declined at a 0.3-percent seasonally adjusted annual rate during the first six months of 1999, after increasing at a 0.6-percent rate from June 1998 to December 1998.

The index for finished consumer goods other than foods and energy declined 0.1 percent in June, after showing no change in May. Prices for passenger cars fell 1.3 percent, following a 0.7-percent rise in the prior month. Other noteworthy June price decreases occurred for light motor trucks, women's apparel, men's and boys' apparel, and household furniture. By contrast, the indexes for sanitary papers and health products, alcoholic beverages, cosmetics and other toilet preparations, prescription drugs, and soft surface floor coverings registered increases in June. For the first half of 1999, the index for finished consumer goods other than foods and energy fell at a 0.5-percent seasonally adjusted annual rate, following a 5.6-percent rate of increase for the last six months of 1998.

The finished energy goods index decreased 0.3 percent in June, after posting no change in May. Prices for residential electric power declined 1.1 percent, following a 0.5-percent drop in the prior month. The home heating oil index fell, after rising a month ago. Liquefied petroleum gas prices rose less than a month earlier. By contrast, the residential natural gas index increased 0.9 percent in June, following a 0.5-percent advance in May. Gasoline prices fell less than in the prior month. The index for finished lubricants rose, after falling in the previous month.

The finished consumer foods index advanced 0.4 percent in June, following a 0.5-percent increase in May. Rising prices for beef and veal, fresh and dry vegetables, dairy products, finfish and shellfish, processed turkeys, and for processed fruits and vegetables more than offset falling prices for fresh fruits and melons, pork, bakery products, and soft drinks.

Intermediate goods

The Producer Price Index for Intermediate Materials, Supplies, and Components increased 0.4 percent in June, following a 0.2-percent advance in May. Price increases for materials for nondurable manufacturing, materials and components for construction, and intermediate foods and feeds rose more than in the previous month. By contrast, the index for intermediate energy goods turned down, after rising for three consecutive months. Durable manufacturing material prices increased less than in the prior month. Excluding foods and energy, the index for intermediate materials rose 0.5 percent (the largest one-month increase since a 0.7-percent advance in April 1995), following a 0.2-percent increase in May. (See table B.)

The index for materials for nondurable manufacturing rose 0.9 percent in June, following a 0.2-percent increase in the previous month. Industrial chemical prices turned up 1.9 percent, after falling 0.3 percent in the prior month. The indexes for finished fabrics and for medicinal and botanical chemicals also rose, following declines in the previous month. Prices for plastic resins and materials rose faster than a month ago. Conversely, the index for paint materials turned down 1.1 percent, after posting a 1.9-percent gain in the prior month. Paper prices also fell in June, following an increase last month. The gray fabrics index decreased more than in the previous month. Prices for materials for nondurable manufacturing increased at a 1.6-percent seasonally adjusted annual rate during the first six months of 1999, after declining at a 6.8-percent rate during the last six months of 1998.

Prices for materials and components for construction advanced 0.8 percent in June, after edging up 0.1 percent in May. The index for plywood rose 9.7 percent, following a 5.1-percent increase in the previous month. Prices for softwood lumber, millwork, gypsum products, and plastic construction products rose more than a month ago. On the other hand, the index for nonferrous wire and cable decreased 1.2 percent in June, after rising 1.2 percent in the previous month. Prices for cement and for air conditioning and refrigeration equipment also turned down, after increasing last month. The index for materials and components for construction increased at a 3.6-percent seasonally adjusted annual rate during the first half of 1999, after rising at a 0.1-percent rate during the second half of 1998.

The index for intermediate foods and feeds advanced 0.7 percent in June, after rising 0.5 percent in May. The beef and veal index turned up 8.2 percent, following a 0.2-percent rate of decline a month ago. Prices for prepared animal feeds, confectionery materials, and for natural, processed, and imitation cheese also rose, after declining in the prior

month. The indexes for fluid milk products and butter advanced faster than last month. By contrast, pork prices turned down 5.2 percent, following an 8.3-percent gain in the previous month. The refined sugar index also declined, after rising in the prior month. Prices for crude vegetable oils decreased more than a month ago. The index for flour increased less than in May. Prices for intermediate foods and feeds declined at a 6.7-percent seasonally adjusted annual rate during the first six months of 1999, after falling at a 2.4-percent rate during the last six months of 1998.

Prices for intermediate energy goods turned down 0.2 percent in June, following a 0.4-percent increase in May. The index for commercial electric power dropped 2.1-percent, after posting a 0.1-percent decline in the previous month. Prices for industrial electric power also fell more than in May. The indexes for liquefied petroleum gas, residual fuels, industrial natural gas, and commercial natural gas rose less than in the prior month. Conversely, the index for No. 2 diesel fuel jumped 9.3 percent in June, after registering a 2.3-percent decline in the prior month. Prices for jet fuels and gasoline fell less than a month ago. The index for intermediate energy goods advanced at a 15.2-percent seasonally adjusted annual rate during the first half of 1999, after decreasing at a 10.8-percent rate during the second half of 1998.

The index for materials for durable manufacturing increased 0.7 percent in June, after rising 0.8 percent in May. Price increases for steel mill products, plywood, flat glass, and aluminum mill shapes outweighed declining prices for primary nonferrous metals, copper and brass mill shapes, cement, and hardwood lumber. From December 1998 through June 1999, the index for materials for durable manufacturing increased at a 1.1-percent seasonally adjusted annual rate, following a 5.8-percent rate of decline during the latter half of 1998.

Crude Goods

The Producer Price Index for Crude Materials for Further Processing increased 1.4 percent in June, seasonally adjusted, following a 5.5-percent rise in May. Prices for crude energy materials rose 3.1 percent, after an 11.9-percent advance in the prior month. The indexes for crude foodstuffs and feedstuffs and basic industrial materials also rose less than in the previous month. (See table B.)

Prices for crude energy materials rose 3.1 percent in June, following an 11.9-percent jump in May. Natural gas prices rose 5.3 percent, after a 17.2-percent gain in the previous month. The crude petroleum index increased 3.4 percent, following an 11.3-percent advance in the prior month. Coal prices turned down 1.7 percent, after rising 2.0 percent a

month ago. The index for crude energy materials increased at a 42.7-percent seasonally adjusted annual rate during the first half of 1999, following a 7.9-percent rate of decrease in the last half of 1998.

The index for crude foodstuffs and feedstuffs rose 0.4 percent, following a 2.2-percent increase in May. Prices for slaughter broilers and fryers turned down 4.2 percent, after advancing 10.0 percent in the prior month. The indexes for alfalfa hay, corn, slaughter hogs, and for fresh fruits and melons also fell, after rising in the previous month. On the other hand, slaughter cattle prices turned up 3.8-percent, following a 0.9-percent decline a month ago. The indexes for fluid milk and fresh vegetables, except potatoes, also rose, after falling in the prior month. The index for Irish potatoes for processing advanced, after showing no change a month ago. From December 1998 through June 1999, prices for crude foodstuffs and feedstuffs rose at a 2.0-percent seasonally adjusted annual rate, after declining at a 13.5-percent rate in the second half of 1998.

Prices for basic industrial materials rose 0.5 percent in June, following a 2.3-percent rise in May. The index for nonferrous metal ores dropped 7.0 percent, after rising 5.4 percent in the prior month. Prices for copper base scrap and cattle hides also turned down, after advancing a month ago. The iron and steel scrap index rose less than in the previous month. By contrast, wastepaper prices turned up 18.8 percent, following a 0.2-percent decline in the prior month. The phosphates index also rose, after falling in the previous month. Pulpwood log prices decreased less than a month ago. The softwood logs, bolts, and timber index increased more than in May. Prices for basic industrial materials increased at a seasonally adjusted annual rate of 4.1 percent in the first six months of 1999, following a 22.2-percent rate of decline in the latter half of 1998.

Net output price indexes for mining, manufacturing, and other industries

Mining. The Producer Price Index for the net output of total domestic mining industries advanced 2.6 percent in June, following a 9.3-percent increase in May. (Net output price indexes are not seasonally adjusted.) During the first half of 1999, this index rose at an annual rate of 30.1 percent, after declining at a 7.9 percent rate for the latter half of 1998. In June, price increases for the crude petroleum and natural gas industries slowed to 5.2 percent from 15.2 percent in May. The indexes for the bituminous coal and lignite and for the copper ores industries turned down, after rising in the prior month. By contrast, prices for the crushed and broken granite industry and the potash, soda, and borate minerals industry turned up in June, after falling in May. In June, the Producer Price Index for the net output of total domestic mining industries stood at 76.2 (December 1984=100), 9.5 percent above its year-ago level.

Manufacturing. The Producer Price Index for the net output of total domestic manufacturing industries rose 0.1 percent in June, after increasing 0.2 percent in May. During the first half of 1999, this index increased at an annual rate of 3.0 percent, following a 0.5-percent annual rate of decline for the second half of 1998. In June, the index for the petroleum refining industry group fell 1.7 percent, after rising 2.5 percent in the prior month. Among other manufacturing industries in June, prices for the transportation equipment industry group fell, after showing no change in the previous month. Price increases slowed from May to June for the industry group for food and kindred products. The index for the measuring and controlling instruments industry group turned down 0.5 percent, after increasing 0.3 percent in the previous month. By contrast, the index for the chemicals and allied products industry group turned up 0.7 percent, after falling 0.5 percent a month earlier. Prices for the lumber and wood products (except furniture) industry group increased 2.2 percent, following a 0.9-percent rise in the previous month. In June, the Producer Price Index for the net output of domestic manufacturing industries stood at 127.8 (December 1984=100), 1.3 percent higher than its year-ago level.

Other. Among other industries in June, prices for deep sea foreign transportation of freight advanced 30.1 percent, after decreasing 0.8 percent in May. Prices for real estate agents and managers, scheduled air transportation, passenger car rental, hotels and motels, and travel agencies also rose, after declining a month earlier. The index for trucking (except local) rose, after showing no change in the prior month. By contrast, price increases for radio broadcasting slowed to 0.1 percent in June from 3.6 percent in May. Prices for building cleaning and maintenance services, life insurance carriers, and for airports, flying fields, and airport services turned down, after rising a month earlier. The index for telephone communications (except radiotelephone) was unchanged in June, after moving up in May.

Producer Price Index data for July 1999 will be
released on Friday, August 13, 1999 at 8:30 a.m. (E.D.T.)

Information in this news release will be made available to sensory impaired individuals upon request. Voice phone: 202-606-7828; TDD phone: 202-606-5897; TDD Message Referral phone: 1-800-326-2577.

Table 1. Producer price indexes and percent changes by stage of processing
(1982=100)

Grouping	Relative importance	Unadjusted index			Unadjusted percent change to June 1999 from:		Seasonally adjusted percent change from:			
		Dec. 1998	Feb. 1999	May 1999	June 1999	June 1998	May 1999	Mar. to Apr.	Apr. to May	May to June
		1/	2/	2/	2/					
Finished goods.....	100.000	130.8	132.4	132.7	1.5	0.2	0.5	0.2	-0.1	
Finished consumer goods.....	74.783	129.0	131.1	131.6	1.9	.4	.6	.2	.1	
Finished consumer foods.....	23.285	134.1	134.4	135.3	1.1	.7	-.9	.5	.4	
Crude.....	1.701	122.6	126.1	126.5	7.3	.3	-2.5	-1.2	-1.3	
Processed.....	21.584	135.0	135.1	135.9	.7	.6	-.7	.7	.6	
Finished consumer goods, excluding foods.....	51.498	126.6	129.5	129.9	2.3	.3	1.3	0	-.2	
Nondurable goods less foods.....	35.202	122.2	126.5	127.2	3.1	.6	1.8	-.2	0	
Durable goods.....	16.296	133.5	132.9	132.4	.5	-.4	.1	.3	-.4	
Capital equipment.....	25.217	138.0	137.8	137.4	.1	-.3	0	.2	-.3	
Manufacturing industries.....	6.607	138.5	138.5	138.4	.4	-.1	0	.1	-.1	
Nonmanufacturing industries.....	18.610	137.7	137.4	137.0	.1	-.3	0	.3	-.4	
Intermediate materials, supplies, and components.	100.000	120.4	122.1	122.9	-.5	.7	.6	.2	.4	
Materials and components for manufacturing.....	47.713	123.5	123.6	124.2	-1.7	.5	-.2	.2	.5	
Materials for food manufacturing.....	3.633	122.2	119.1	120.1	-2.4	.8	-2.5	.7	.8	
Materials for nondurable manufacturing.....	15.730	122.5	123.0	124.0	-2.7	.8	.2	.2	.9	
Materials for durable manufacturing.....	10.415	123.2	124.2	125.0	-2.4	.6	-.2	.8	.7	
Components for manufacturing.....	17.935	125.7	125.6	125.6	-.3	0	.1	-.1	0	
Materials and components for construction.....	14.004	147.3	148.3	149.4	1.8	.7	.1	.1	.8	
Processed fuels and lubricants.....	11.845	74.9	82.2	84.1	1.2	2.3	4.4	.4	-.4	
Manufacturing industries.....	4.580	80.3	86.1	87.9	-.1	2.1	2.3	.8	-.2	
Nonmanufacturing industries.....	7.265	71.6	79.8	81.7	2.0	2.4	5.8	-.1	-.2	
Containers.....	3.881	138.0	141.1	142.1	.5	.7	1.7	.6	.7	
Supplies.....	22.557	133.8	133.7	133.9	-.6	.1	.2	-.1	.1	
Manufacturing industries.....	5.131	140.1	140.4	140.4	-.1	0	.1	-.1	0	
Nonmanufacturing industries.....	17.426	131.1	130.9	131.2	-.7	.2	.2	-.2	.2	
Feeds.....	1.242	90.9	88.0	88.2	-10.8	.2	.3	-.1	.2	
Other supplies.....	16.184	135.9	136.1	136.3	.1	.1	.1	-.1	.2	
Crude materials for further processing.....	100.000	88.2	96.1	97.2	-.4	1.1	1.3	5.5	1.4	
Foodstuffs and feedstuffs.....	45.019	98.2	99.7	99.6	-6.2	-.1	-2.5	2.2	.4	
Nonfood materials.....	54.981	78.1	90.2	92.1	4.4	2.1	4.5	8.3	2.1	

Nonfood materials except fuel 3/.....		29.160	73.5	87.5	88.7	4.5	1.4	7.0	5.3	1.4
Manufacturing 3/.....		27.653	66.4	79.6	80.7	4.7	1.4	7.3	5.4	1.5
Construction.....		1.507	191.8	194.0	194.9	-.7	.5	-.6	.7	1.7
Crude fuel 4/.....		25.821	78.1	86.7	89.4	4.3	3.1	1.2	12.5	3.1
Manufacturing industries.....		2.104	75.9	84.3	87.4	4.8	3.7	1.6	11.7	3.7
Nonmanufacturing industries.....		23.717	79.7	88.5	91.2	4.3	3.1	1.3	12.5	3.1
Special groupings										
Finished goods, excluding foods.....	5/	76.715	129.7	131.7	131.8	1.6	.1	.8	.1	-.2
Intermediate materials less foods and feeds.....	6/	95.125	120.9	122.8	123.6	-.3	.7	.7	.2	.4
Intermediate foods and feeds.....	6/	4.875	112.6	109.5	110.3	-4.6	.7	-1.8	.5	.7
Crude materials less agricultural products 3/ 7/..	8/	52.084	77.1	90.0	92.1	5.6	2.3	5.3	8.6	2.4
Finished energy goods.....	5/	11.972	70.1	77.3	78.4	1.6	1.4	5.1	0	-.3
Finished goods less energy.....	5/	88.028	142.7	142.6	142.7	1.5	.1	-.2	.2	0
Finished consumer goods less energy.....	5/	62.811	144.6	144.5	144.8	2.0	.2	-.3	.1	.1
Finished goods less foods and energy.....	5/	64.743	146.0	145.8	145.5	1.5	-.2	.1	.1	-.2
Finished consumer goods less foods and energy....	5/	39.526	151.3	151.1	150.9	2.5	-.1	0	0	-.1
Consumer nondurable goods less foods and energy..	5/	23.230	165.2	165.3	165.4	4.0	.1	.1	-.3	.1
Intermediate energy goods.....	6/	11.941	74.7	81.9	83.8	1.2	2.3	4.5	.4	-.2
Intermediate materials less energy.....	6/	88.059	130.6	130.9	131.5	-.8	.5	.1	.2	.5
Intermediate materials less foods and energy.....	6/	83.184	131.8	132.3	132.9	-.5	.5	.2	.2	.5
Crude energy materials 3/.....	8/	33.303	58.8	74.4	76.7	14.6	3.1	8.5	11.9	3.1
Crude materials less energy.....	8/	66.697	106.4	107.7	107.8	-7.4	.1	-2.1	2.2	.4
Crude nonfood materials less energy 4/.....	8/	21.678	130.9	131.4	131.9	-10.0	.4	-1.1	2.3	.5

1/ Comprehensive relative importance figures are initially computed after the publication of December indexes and are recalculated after final December indexes are available. The first-published and final December relative importances initially appear, respectively, in the release tables containing January and May data.

2/ The indexes for February 1999 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

3/ Includes crude petroleum.

4/ Excludes crude petroleum.

5/ Percent of total finished goods.

6/ Percent of total intermediate materials.

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

8/ 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)

Commodity code	Grouping	Unadjusted index			Unadjusted percent change to June 1999 from:		Seasonally adjusted percent change from:		
		Feb. 1999	May 1999	June 1999	June 1998	May 1999	Mar. to Apr.	Apr. to May	May to June
		1/	1/	1/					
	FINISHED GOODS.....	130.8	132.4	132.7	1.5	0.2	0.5	0.2	-0.1
	FINISHED CONSUMER GOODS.....	129.0	131.1	131.6	1.9	.4	.6	.2	.1
	FINISHED CONSUMER FOODS.....	134.1	134.4	135.3	1.1	.7	-.9	.5	.4
01-11	Fresh fruits and melons 2/.....	108.0	113.6	103.2	13.3	-9.2	.9	12.0	-9.2
01-13	Fresh and dry vegetables 2/.....	95.2	111.5	127.7	5.6	14.5	15.8	-15.8	14.5
01-71-07	Eggs for fresh use (Dec. 1991=100).....	83.5	66.8	70.1	-19.3	4.9	-10.0	.9	-.1
02-11	Bakery products 2/.....	177.5	178.0	177.7	1.1	-.2	.2	.2	-.2
02-13	Milled rice 2/.....	129.5	122.9	125.5	1.2	2.1	-.9	-2.1	2.1
02-14-02	Pasta products (June 1985=100) 2/.....	122.5	121.9	121.9	-.7	0	-.1	-.4	0
02-21-01	Beef and veal.....	99.3	104.3	110.9	11.1	6.3	2.3	-.2	8.2
02-21-04	Pork.....	88.3	100.2	96.7	-13.4	-3.5	-3.1	8.3	-5.2
02-22-03	Processed young chickens.....	114.1	113.2	115.9	-7.1	2.4	-2.8	2.5	0
02-22-06	Processed turkeys.....	86.7	89.3	95.8	3.7	7.3	.2	.9	5.8
02-23	Finfish and shellfish.....	186.9	187.3	188.4	6.0	.6	-7.1	2.0	4.5
02-3	Dairy products.....	144.0	132.9	135.5	1.6	2.0	-7.1	1.3	1.4
02-4	Processed fruits and vegetables 2/.....	128.1	127.6	127.8	1.8	.2	.5	-.4	.2
02-55	Confectionery end products 2/.....	169.7	170.8	170.7	1.2	-.1	0	.8	-.1
02-62	Soft drinks.....	137.0	137.3	136.7	1.6	-.4	.4	.1	-.2
02-63-01	Roasted coffee 2/.....	135.9	135.7	135.5	-6.0	-.1	-.1	-.7	-.1
02-78	Shortening and cooking oils 2/.....	145.0	138.3	138.0	-3.5	-.2	.4	.1	-.2
	FINISHED CONSUMER GOODS EXCLUDING FOODS.....	126.6	129.5	129.9	2.3	.3	1.3	0	-.2
02-61	Alcoholic beverages.....	137.2	137.3	137.4	1.9	.1	0	.1	.3
03-81-01	Women's apparel 2/.....	123.6	123.4	122.7	.7	-.6	.3	.7	-.6
03-81-02	Men's and boys' apparel.....	133.1	133.3	133.0	-.2	-.2	-.1	.4	-.2
03-81-03	Girls', children's, and infants' apparel 2/.....	121.1	117.6	117.7	-3.7	.1	-.8	0	.1
03-82	Textile housefurnishings 2/.....	122.9	122.8	122.8	-.4	0	-.2	-.6	0
04-3	Footwear.....	144.6	144.4	144.5	-.1	.1	-.6	0	.2
05-41	Residential electric power (Dec. 1990=100).....	107.1	108.1	111.4	-2.5	3.1	-.1	-.5	-1.1
05-51	Residential gas (Dec. 1990=100).....	112.4	110.8	112.2	.2	1.3	-1.7	.5	.9

05-71	Gasoline.....	44.2	65.6	62.7	9.2	-4.4	29.1	-2.7	-1.9
05-73-02-01	Fuel oil No. 2.....	38.9	52.2	50.8	9.2	-2.7	14.3	2.5	-.2
06-35	Pharmaceutical preps, ethical (Prescription) 2/.....	329.6	332.8	333.6	.6	.2	.2	-2.7	.2
06-36	Pharmaceutical preps,proprietary (Over-counter) 2/..	185.2	186.7	186.6	1.3	-.1	.4	-.1	-.1
06-71	Soaps and synthetic detergents 2/.....	125.5	125.3	125.5	-.6	.2	.1	-.2	.2
06-75	Cosmetics and other toilet preparations 2/.....	133.6	133.9	134.5	.7	.4	-.2	.1	.4
07-12	Tires, tubes, tread, etc 2/.....	92.4	93.4	93.6	-.4	.2	1.5	-.3	.2
09-15-01	Sanitary papers and health products 2/.....	144.5	143.1	144.9	.6	1.3	-2.1	-.3	1.3
09-31-01	Newspaper circulation 2/.....	207.4	207.4	207.4	2.3	0	-.1	0	0
09-32-01	Periodical circulation.....	196.0	197.5	197.1	1.9	-.2	.2	.9	0
09-33	Book publishing 2/.....	211.5	212.0	211.7	4.1	-.1	.3	0	-.1
12-1	Household furniture 2/.....	150.0	150.3	150.2	1.3	-.1	.1	.1	-.1
12-3	Floor coverings 2/.....	126.6	126.9	127.8	-.7	.7	-.7	-.2	.7
12-4	Household appliances	108.5	108.5	108.6	-.6	.1	.2	-.3	.1
12-5	Home electronic equipment 2/.....	74.4	74.0	74.0	-3.6	0	-.1	-.1	0
12-62	Household glassware 2/.....	162.9	164.2	164.4	.9	.1	.9	-.1	.1
12-64	Household flatware 2/.....	140.0	140.0	140.0	.1	0	0	0	0
12-66	Lawn and garden equip., ex. tractors 2/.....	132.3	132.2	131.8	.2	-.3	-.3	.2	-.3
14-11-01	Passenger cars.....	132.6	130.4	128.7	-.5	-1.3	.2	.7	-1.3
15-11	Toys, games, and children's vehicles.....	124.0	123.8	123.9	-.3	.1	-.2	-.2	.2
15-12	Sporting and athletic goods 2/.....	126.5	126.3	126.3	0	0	-.3	.2	0
15-2	Tobacco products 2/.....	363.9	363.6	363.6	30.5	0	0	.1	0
15-5	Mobile homes 2/.....	156.3	158.2	158.0	2.5	-.1	.6	.4	-.1
15-94-02	Jewelry, platinum, & karat gold 2/.....	127.8	127.6	127.3	-.5	-.2	.1	-.2	-.2
15-94-04	Costume jewelry and novelties 2/.....	139.9	139.8	139.9	.3	.1	.1	-.2	.1
	CAPITAL EQUIPMENT.....	138.0	137.8	137.4	.1	-.3	0	.2	-.3
11-1	Agricultural machinery and equipment 2/.....	151.1	150.8	151.0	.7	.1	.5	-.1	.1
11-2	Construction machinery and equipment.....	146.6	147.5	147.3	1.4	-.1	.5	.1	-.1
11-37	Metal cutting machine tools 2/.....	160.5	160.5	160.4	.4	-.1	-.1	.1	-.1
11-38	Metal forming machine tools 2/.....	159.3	159.8	159.8	1.5	0	.1	.1	0
11-39	Tools, dies, jigs, fixtures, and ind. molds 2/.....	139.0	139.4	139.5	.4	.1	.1	0	.1
11-41	Pumps, compressors, and equipment.....	150.8	151.7	151.7	1.7	0	.2	.1	.1
11-44	Industrial material handling equipment 2/.....	132.7	132.6	133.0	1.2	.3	0	0	.3
11-51	Electronic computers (Dec. 1998=100) 2/.....	94.7	88.4	87.2	-23.7	-1.4	-3.8	-2.2	-1.4
11-62	Textile machinery 2/.....	153.9	154.2	154.1	1.1	-.1	0	-.1	-.1
11-64	Paper industries machinery (June 1982=100).....	161.9	162.5	162.7	1.7	.1	.4	.2	.2
11-65	Printing trades machinery 2/.....	140.7	141.1	141.6	-1.0	.4	-.1	.2	.4
11-74	Transformers and power regulators 2/.....	131.0	130.7	130.7	-.6	0	0	.2	0
11-76	Communication & related equip. (Dec. 1985=100) 2/...	114.2	114.1	113.1	-.9	-.9	-.1	0	-.9
11-79-05	X-ray and electromedical equipment 2/.....	106.3	106.0	105.6	-1.0	-.4	-.3	.2	-.4
11-91	Oil field and gas field machinery	126.4	126.6	126.5	.7	-.1	.1	.2	.1
11-92	Mining machinery and equipment 2/.....	143.3	144.2	144.9	1.9	.5	.2	.2	.5
11-93	Office and store machines and equipment 2/.....	111.9	112.3	112.3	0	0	.3	0	0

05-42	Commercial electric power.....	124.7	126.4	132.3	-2.9	4.7	-1.5	-0.1	-2.1
05-43	Industrial electric power.....	125.5	127.4	130.5	-2.5	2.4	-.7	-.3	-1.6
05-52	Commercial natural gas (Dec. 1990=100).....	106.8	102.2	103.0	.1	.8	-.1	2.3	1.2
05-53	Industrial natural gas (Dec. 1990=100).....	100.3	97.1	97.1	-3.2	0	-2.2	4.4	1.0
05-54	Natural gas to electric utilities (Dec. 1990=100)....	78.2	77.0	80.3	6.9	4.3	4.3	8.9	6.4
05-72-03	Jet fuels.....	37.0	48.3	48.0	10.3	-.6	28.4	-3.3	-.2
05-73-03	No. 2 Diesel fuel.....	38.1	53.0	53.8	17.5	1.5	18.8	-2.3	9.3
05-74	Residual fuel 2/.....	30.7	46.9	52.0	12.3	10.9	15.8	16.1	10.9
06-1	Industrial chemicals 2/.....	117.1	116.5	118.7	-2.2	1.9	-.5	-.3	1.9
06-21	Prepared paint.....	157.2	157.6	157.5	1.5	-.1	.1	.3	.1
06-22	Paint materials 2/.....	143.3	147.1	145.5	1.5	-1.1	.8	1.9	-1.1
06-31	Medicinal and botanical chemicals	138.8	138.8	144.1	6.6	3.8	.1	-.3	4.1
06-4	Fats and oils, inedible 2/.....	97.2	78.8	79.5	-38.2	.9	4.7	-3.5	.9
06-51	Mixed fertilizers.....	114.2	114.3	114.3	-.6	0	-.3	.2	.1
06-52-01	Nitrogenates.....	95.4	95.4	93.2	-17.4	-2.3	.6	-2.5	-.8
06-52-02	Phosphates 2/.....	114.3	113.7	113.9	1.1	.2	.5	-1.0	.2
06-53	Other agricultural chemicals.....	143.4	140.5	144.5	-3.2	2.8	-.1	-3.6	2.9
06-6	Plastic resins and materials 2/.....	115.8	120.2	122.3	-3.5	1.7	1.7	.8	1.7
07-11-02	Synthetic rubber 2/.....	114.4	113.7	113.5	-3.2	-.2	-.3	-1.5	-.2
07-21	Plastic construction products	124.7	125.8	126.6	.5	.6	.5	.1	1.0
07-22	Unsupported plastic film, sheet, & other shapes 2/..	126.3	125.2	126.8	-1.2	1.3	.5	-.3	1.3
07-26	Plastic parts and components for manufacturing 2/...	117.3	117.6	117.6	.5	0	.6	-.1	0
08-11	Softwood lumber 2/.....	187.4	197.1	206.0	16.3	4.5	-.3	2.1	4.5
08-12	Hardwood lumber	175.0	176.7	176.7	-1.7	0	-.1	.3	-.1
08-2	Millwork 2/.....	171.6	173.8	175.6	2.6	1.0	.6	.3	1.0
08-3	Plywood 2/.....	169.3	178.2	195.5	29.4	9.7	-1.9	5.1	9.7
09-11	Woodpulp 2/.....	112.3	113.8	117.1	-5.5	2.9	.2	3.1	2.9
09-13	Paper.....	140.4	140.1	140.0	-3.8	-.1	.2	.2	-.1
09-14	Paperboard.....	142.3	149.1	149.3	-2.9	.1	2.5	.6	.7
09-15-03	Paper boxes and containers 2/.....	150.8	155.8	157.4	1.0	1.0	2.5	1.0	1.0
09-2	Building paper and board 2/.....	131.1	141.7	145.6	10.6	2.8	.8	2.5	2.8
09-37	Commercial printing (June 1982=100) 2/.....	151.9	151.9	152.1	.1	.1	-.1	-.2	.1
10-15	Foundry and forge shop products.....	135.2	135.2	135.4	.1	.1	.3	-.1	.3
10-17	Steel mill products 2/.....	105.7	104.2	105.3	-8.5	1.1	-.4	-.9	1.1
10-22	Primary nonferrous metals 2/.....	94.2	99.8	97.7	-8.4	-2.1	-.1	6.2	-2.1
10-25-01	Aluminum mill shapes 2/.....	135.1	135.5	136.8	-3.1	1.0	-.4	1.3	1.0
10-25-02	Copper and brass mill shapes 2/.....	144.4	149.9	147.7	-2.3	-1.5	.8	3.8	-1.5
10-26	Nonferrous wire and cable 2/.....	134.4	134.6	133.0	-6.1	-1.2	-.7	1.2	-1.2
10-3	Metal containers 2/.....	107.0	106.1	106.0	-2.3	-.1	0	-.8	-.1
10-4	Hardware.....	147.2	148.1	149.2	1.4	.7	.4	.2	.7
10-5	Plumbing fixtures and brass fittings.....	175.7	176.2	176.9	.7	.4	.1	0	.5
10-6	Heating equipment.....	153.4	153.6	153.9	.6	.2	.3	0	.4
10-7	Fabricated structural metal products.....	142.6	142.8	142.9	-.1	.1	.1	-.2	0
10-88	Fabricated ferrous wire products (June 1982=100) 2/..	130.7	130.7	130.7	.4	0	-.2	0	0
10-89	Other misc. metal products 2/.....	125.5	125.4	125.6	-.6	.2	.1	-.1	.2

11-45	Mechanical power transmission equipment.....	160.1	160.9	161.6	2.6	.4	.3	.2	.5
11-48	Air conditioning and refrigeration equipment.....	135.8	136.2	135.9	1.1	-.2	.1	.2	-.3
11-49-02	Metal valves, ex.fluid power (Dec. 1982=100) 2/.....	159.6	159.6	159.7	2.0	.1	.1	-.6	.1
11-49-05	Ball and roller bearings.....	166.4	166.8	167.0	1.2	.1	.5	.2	.1
11-71	Wiring devices.....	151.9	151.9	152.6	-1.2	.5	.1	.3	.3
11-73	Motors, generators, motor generator sets.....	146.2	146.4	146.4	.3	0	-.2	.1	.1
11-75	Switchgear, switchboard, etc., equipment.....	150.5	150.0	150.6	1.6	.4	.5	-.1	.5
11-78	Electronic components and accessories 2/.....	98.6	98.6	98.0	-2.0	-.6	-.2	-.1	-.6
11-94	Internal combustion engines.....	142.8	142.8	143.0	1.9	.1	.1	.1	.1
11-95	Machine shop products 2/.....	136.8	136.8	136.8	.1	0	0	0	0
13-11	Flat glass 2/.....	107.4	106.2	106.7	-.5	.5	-1.0	.4	.5
13-22	Cement.....	149.0	151.7	151.6	3.2	-.1	-1.3	.7	-.2
13-3	Concrete products.....	142.6	143.7	143.5	2.0	-.1	.4	-.1	0
13-6	Asphalt felts and coatings 2/.....	99.0	98.6	98.6	-.8	0	1.2	-.9	0
13-7	Gypsum products 2/.....	194.7	196.6	205.8	16.5	4.7	.2	.6	4.7
13-8	Glass containers 2/.....	125.9	126.0	126.3	.6	.2	.2	-.2	.2
14-12	Motor vehicle parts 2/.....	114.2	113.5	113.5	-1.1	0	-.2	-.1	0
14-23	Aircraft engines & engine parts (Dec. 1985=100).....	139.3	137.8	137.8	.3	0	.6	-1.3	-.1
14-25	Aircraft parts & aux.equip.,nec (June 1985=100) 2/..	144.5	142.5	142.8	.3	.2	-.9	-.1	.2
15-42	Photographic supplies 2/.....	128.2	128.2	128.2	-.6	0	0	2.5	0
15-6	Medical/surgical/personal aid devices.....	144.1	144.6	143.9	.7	-.5	.2	.1	-.5
	CRUDE MATERIALS FOR FURTHER PROCESSING.....	88.2	96.1	97.2	-.4	1.1	1.3	5.5	1.4
	CRUDE FOODSTUFFS AND FEEDSTUFFS.....	98.2	99.7	99.6	-6.2	-.1	-2.5	2.2	.4
01-21	Wheat 2/.....	83.0	78.8	79.7	-5.7	1.1	-1.3	.3	1.1
01-22-02-05	Corn.....	84.5	85.5	81.7	-11.6	-4.4	-.9	.4	-4.6
01-31	Slaughter cattle 2/.....	93.1	95.5	99.1	2.8	3.8	-1.0	-.9	3.8
01-32	Slaughter hogs.....	46.4	63.8	57.5	-18.6	-9.9	6.6	13.2	-4.8
01-41-02	Slaughter broilers/fryers.....	136.0	144.2	141.0	-7.7	-2.2	-3.7	10.0	-4.2
01-42	Slaughter turkeys.....	97.0	116.9	123.6	20.0	5.7	-.2	6.2	2.6
01-6	Fluid milk.....	113.4	95.6	98.1	-5.8	2.6	-11.3	-.2	3.9
01-83-01-31	Soybeans 2/.....	84.0	79.6	79.1	-24.5	-.6	2.9	-1.5	-.6
02-52-01-01	Cane sugar,raw 2/.....	118.5	118.3	119.5	1.3	1.0	1.0	-1.1	1.0
	CRUDE NONFOOD MATERIALS.....	78.1	90.2	92.1	4.4	2.1	4.5	8.3	2.1
01-51-01-01	Raw cotton.....	91.7	94.9	90.3	-23.9	-4.8	-3.7	2.5	-7.7
01-92-01-01	Leaf tobacco 2/.....	112.6	(3)	(3)	(3)	(3)	-16.4	(3)	(3)
04-11	Cattle hides 2/.....	128.9	137.8	136.8	-22.0	-.7	.6	3.1	-.7
05-1	Coal 2/.....	93.4	94.6	93.0	-1.8	-1.7	.3	2.0	-1.7
05-31	Natural gas 2/.....	71.9	83.2	87.6	7.0	5.3	1.7	17.2	5.3
05-61	Crude petroleum 2/.....	26.2	47.2	48.8	45.2	3.4	27.3	11.3	3.4

08-5		Logs, timber, etc.....		200.6	199.9	200.5	-4.1	.3	-.9	-.1	1.5
09-12		Wastepaper 2/.....		138.3	142.2	169.0	13.0	18.8	-.1	-.2	18.8
10-11		Iron ore 2/.....		95.2	94.9	94.8	-.7	-.1	-.3	0	-.1
10-12		Iron and steel scrap 2/.....		132.7	134.9	137.5	-24.5	1.9	.3	8.4	1.9
10-21		Nonferrous metal ores (Dec. 1983=100) 2/.....		61.9	63.0	58.6	-13.1	-7.0	-1.8	5.4	-7.0
10-23-01		Copper base scrap 2/.....		98.4	106.2	102.6	-13.8	-3.4	3.4	3.8	-3.4
10-23-02		Aluminum base scrap.....		145.4	158.6	160.1	-2.4	.9	2.8	7.8	2.8
13-21		Construction sand, gravel, and crushed stone.....		155.8	157.1	157.5	2.7	.3	.1	.3	.3

1/ The indexes for February 1999 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

2/ Not seasonally adjusted.

3/ Not available.

Table 3. Producer price indexes for selected commodity groupings (1982=100 unless otherwise indicated)

Commodity code	Grouping	Unadjusted index 1/		
		Feb. 1999	May 1999	June 1999
	Finished Goods (1967=100).....	367.1	371.5	372.3
	All commodities.....	122.3	124.5	125.1
	MAJOR COMMODITY GROUPS			
	Farm products and processed foods and feeds....	120.1	120.1	120.6
01	Farm products.....	98.3	99.6	99.2
02	Processed foods and feeds.....	131.0	130.2	131.1
	Industrial commodities.....	122.7	125.4	126.0
03	Textile products and apparel.....	121.5	121.1	120.9
04	Hides, skins, leather, and related products..	144.1	145.0	144.8
05	Fuels and related products and power 2/.....	68.6	78.0	79.6
06	Chemicals and allied products 2/.....	141.8	142.3	143.6
07	Rubber and plastic products.....	121.7	122.1	122.2
08	Lumber and wood products.....	179.8	183.2	187.8
09	Pulp, paper, and allied products.....	170.7	172.4	173.2
10	Metals and metal products.....	123.4	123.8	123.8
11	Machinery and equipment.....	124.7	124.6	124.3
12	Furniture and household durables.....	131.3	131.6	131.8
13	Nonmetallic mineral products.....	137.6	138.3	138.7
14	Transportation equipment.....	142.3	141.4	140.9

15	Miscellaneous products.....	165.7	165.9	165.6
	Industrial commodities less fuels and related products and power.....	138.6	138.8	139.1
	OTHER COMMODITY GROUPINGS			
01-1	Fruits and melons, fresh and dry vegetables, and tree nuts.....	111.5	121.3	121.6
01-2	Grains.....	86.4	84.6	82.2
01-3	Slaughter livestock.....	81.0	87.9	88.6
01-4	Slaughter poultry.....	126.4	136.6	135.6
01-5	Plant and animal fibers.....	90.8	93.8	89.6
01-7	Chicken eggs.....	98.2	77.1	80.8
01-8	Hay, hayseeds, and oilseeds.....	103.5	107.9	103.2
01-83	Oilseeds.....	93.0	93.3	91.5
01-9	Other farm products.....	167.9	'N.A.'	'N.A.'
02-1	Cereal and bakery products.....	157.7	158.0	157.9
02-2	Meats, poultry, and fish.....	109.8	113.9	116.3
02-22	Processed poultry.....	113.6	113.2	115.3
02-5	Sugar and confectionery.....	135.0	136.0	136.0
02-6	Beverages and beverage materials.....	138.3	138.6	138.4
02-63	Packaged beverage materials.....	133.7	133.6	133.4
02-7	Fats and oils.....	132.4	121.6	119.1
03-81	Apparel.....	127.2	126.8	126.5
04-4	Other leather and related products.....	145.0	144.6	144.6
05-3	Gas fuels 2/.....	65.0	77.0	82.1
05-4	Electric power.....	125.2	126.7	131.0
05-7	Refined petroleum products.....	42.6	59.6	58.3
06-3	Drugs and pharmaceuticals.....	248.0	250.0	251.3
06-5	Agricultural chemicals and products.....	124.2	122.9	124.0
06-7	Other chemicals and allied products.....	134.7	134.5	135.1
07-1	Rubber and rubber products.....	114.0	114.3	114.4
07-11	Rubber, except natural rubber.....	113.8	113.1	112.9
07-13	Miscellaneous rubber products.....	138.1	138.1	138.2
07-2	Plastic products.....	128.6	129.0	129.1
08-1	Lumber.....	181.6	188.8	195.0
09-1	Pulp, paper, and products, excluding building paper and board.....	142.6	144.7	146.3
09-15	Converted paper and paperboard products.....	149.6	151.9	153.4
10-1	Iron and steel.....	113.8	112.9	113.9
10-2	Nonferrous metals.....	115.1	117.4	116.3
10-25	Nonferrous mill shapes.....	129.8	131.1	131.3
11-3	Metalworking machinery and equipment.....	147.6	148.0	148.1

11-4	General purpose machinery and equipment.....	148.9	149.3	149.4
11-6	Special industry machinery.....	160.8	161.4	161.4
11-7	Electrical machinery and equipment.....	120.6	120.4	119.8
11-9	Miscellaneous machinery and equipment.....	132.9	133.1	133.2
12-6	Other household durable goods.....	152.0	152.7	152.5
13-2	Concrete ingredients.....	150.7	152.5	152.7
14-1	Motor vehicles and equipment.....	132.4	131.3	130.5
15-1	Toys, sporting goods, small arms, etc.....	132.7	132.5	132.5
15-4	Photographic equipment and supplies.....	113.5	113.6	113.6
15-9	Other miscellaneous products.....	135.0	135.2	135.4

1/ Data for February 1999 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.

2/ Prices of some items in this grouping are lagged 1 month.

Table 4. Producer price indexes for the net output of major industry groups, not seasonally adjusted

Industry code	Industry 1/	Index base	Index			Percent change to June 1999 from:	
			Feb. 1999 2/	May 1999 2/	June 1999 2/	June 1998	May 1999
	Total mining industries.....	12/84	62.5	74.3	76.2	9.5	2.6
10	Metal mining.....	12/84	69.3	70.4	66.6	-9.9	-5.4
12	Coal mining.....	12/85	89.2	90.0	88.9	-1.4	-1.2
13	Oil and gas extraction.....	12/85	57.3	72.9	76.1	14.3	4.4
14	Mining and quarrying of non-metallic minerals, except fuels.....	12/84	133.5	134.1	134.4	1.4	.2
	Total manufacturing industries.....	12/84	125.9	127.7	127.8	1.3	.1
20	Food and kindred products.....	12/84	125.8	125.4	126.3	-.1	.7
21	Tobacco manufactures.....	12/84	316.3	316.2	316.2	32.9	0
22	Textile mill products.....	12/84	116.6	116.4	116.3	-2.3	-.1
23	Apparel and other finished products made from fabrics and similar materials.....	12/84	125.1	125.2	125.0	.1	-.2
24	Lumber and wood products, except furniture..	12/84	158.3	161.6	165.1	6.1	2.2
25	Furniture and fixtures.....	12/84	140.5	141.0	141.1	1.1	.1
26	Paper and allied products.....	12/84	132.6	134.7	135.5	-.9	.6
27	Printing, publishing, and allied industries.	12/84	176.5	177.2	177.2	2.1	0
28	Chemicals and allied products.....	12/84	147.3	147.7	148.8	-.5	.7
29	Petroleum refining and related products.....	12/84	56.2	75.1	73.8	8.5	-1.7

30	Rubber and miscellaneous plastic products...	12/84	121.4	121.7	121.8	-.2	.1
31	Leather and leather products.....	12/84	136.1	135.9	135.8	-1.0	-.1
32	Stone, clay, glass, and concrete products...	12/84	131.5	132.1	132.5	2.4	.3
33	Primary metal industries.....	12/84	115.1	114.9	115.2	-5.3	.3
34	Fabricated metal products, except machinery and transportation equipment.....	12/84	128.8	128.8	128.9	0	.1
35	Machinery, except electrical.....	12/84	117.4	117.5	117.5	-.2	0
36	Electrical and electronic machinery, equipment, and supplies.....	12/84	109.9	109.7	109.6	-.7	-.1
37	Transportation equipment.....	12/84	134.8	134.2	133.6	.8	-.4
38	Measuring and controlling instruments; photographic, medical, optical goods; watches, clocks.....	12/84	126.6	126.7	126.1	-.1	-.5
39	Miscellaneous manufacturing industries.....	12/85	130.3	130.4	130.4	.6	0
	Services industries						
40	Railroad transportation.....	12/96	101.0	101.0	101.0	-.7	0
42	Motor freight transportation and warehousing	06/93	113.9	114.4	114.8	3.0	.3
43	United states postal service.....	06/89	135.4	135.4	135.2	2.2	-.1
44	Water transportation.....	12/92	106.0	105.7	117.2	10.5	10.9
45	Transportation by air.....	12/92	128.4	129.6	131.0	5.5	1.1
46	Pipe lines, except natural gas.....	12/86	98.2	98.5	99.0	-.3	.5
80	Health services.....	12/94	109.4	109.4	109.6	2.0	.2
81	Legal services.....	12/96	107.9	108.5	108.8	2.5	.3

1/ Indexes in this table are derived from the net-output-weighted industry price indexes. 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.

2/ The indexes for February 1999 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

Table 5. Producer price indexes by stage of processing, seasonally adjusted
(1982=100)

Grouping	Index 1/					
	Jan. 1999	Feb. 1999	Mar. 1999	Apr. 1999	May 1999	Jun. 1999
Finished goods.....	131.7	131.1	131.6	132.2	132.4	132.3
Finished consumer goods.....	130.2	129.5	130.1	130.9	131.1	131.2
Finished consumer foods.....	136.5	134.8	135.2	134.0	134.7	135.3
Crude.....	138.9	126.4	133.0	129.7	128.2	126.5

Processed.....	136.3	135.5	135.3	134.3	135.2	136.0
Finished consumer goods, excluding foods.....	127.4	127.1	127.8	129.4	129.4	129.2
Nondurable goods less foods.....	123.6	123.1	124.2	126.4	126.2	126.2
Durable goods.....	132.7	132.9	132.6	132.7	133.1	132.6
Capital equipment.....	137.6	137.7	137.6	137.6	137.9	137.5
Manufacturing industries.....	138.3	138.4	138.4	138.4	138.5	138.4
Nonmanufacturing industries.....	137.2	137.4	137.2	137.2	137.6	137.1
Intermediate materials, supplies, and components.....	121.1	120.7	121.2	121.9	122.1	122.6
Materials and components for manufacturing.....	123.9	123.5	123.5	123.3	123.6	124.2
Materials for food manufacturing.....	125.0	122.7	121.6	118.6	119.4	120.4
Materials for nondurable manufacturing.....	122.9	122.4	122.7	122.9	123.1	124.2
Materials for durable manufacturing.....	123.5	123.1	123.3	123.1	124.1	125.0
Components for manufacturing.....	125.7	125.7	125.6	125.7	125.6	125.6
Materials and components for construction.....	147.0	147.4	147.7	147.9	148.1	149.3
Processed fuels and lubricants.....	77.4	76.6	78.8	82.3	82.6	82.3
Manufacturing industries.....	83.0	81.9	83.6	85.5	86.2	86.0
Nonmanufacturing industries.....	74.0	73.3	75.9	80.3	80.2	80.0
Containers.....	138.1	137.9	138.0	140.3	141.2	142.2
Supplies.....	134.0	133.7	133.6	133.9	133.7	133.9
Manufacturing industries.....	140.2	140.1	140.3	140.5	140.4	140.4
Nonmanufacturing industries.....	131.3	131.0	130.8	131.1	130.9	131.2
Feeds.....	92.8	90.9	87.8	88.1	88.0	88.2
Other supplies.....	136.0	135.8	136.0	136.2	136.0	136.3
Crude materials for further processing.....	90.9	88.8	89.5	90.7	95.7	97.0
Foodstuffs and feedstuffs.....	103.0	99.9	99.2	96.7	98.8	99.2
Nonfood materials.....	79.3	78.0	79.6	83.2	90.1	92.0
Nonfood materials except fuel 2/.....	75.4	73.4	77.5	82.9	87.3	88.5
Manufacturing 2/.....	68.2	66.3	70.2	75.3	79.4	80.6
Construction.....	188.9	189.4	191.9	190.8	192.1	195.3
Crude fuel 3/.....	78.3	78.1	76.2	77.1	86.7	89.4
Manufacturing industries.....	77.6	75.9	74.3	75.5	84.3	87.4
Nonmanufacturing industries.....	79.8	79.7	77.7	78.7	88.5	91.2
Special groupings						
Finished goods, excluding foods.....	130.1	130.0	130.4	131.5	131.6	131.4
Intermediate materials less foods and feeds.....	121.4	121.2	121.7	122.6	122.8	123.3
Intermediate foods and feeds.....	115.1	112.9	111.2	109.2	109.7	110.5
Crude materials less agricultural products 2/.....	78.2	77.0	78.6	82.8	89.9	92.1
Finished energy goods.....	72.5	71.7	73.1	76.8	76.8	76.6
Finished goods less energy.....	143.1	142.7	142.8	142.5	142.8	142.8
Finished consumer goods less energy.....	145.3	144.6	144.9	144.5	144.7	144.9

Finished goods less foods and energy.....	145.6	145.7	145.7	145.8	145.9	145.6
Finished consumer goods less foods and energy....	150.9	151.0	151.2	151.2	151.2	151.0
Consumer nondurable goods less foods and energy..	165.1	165.0	165.6	165.7	165.2	165.4
Intermediate energy goods.....	77.1	76.4	78.5	82.0	82.3	82.1
Intermediate materials less energy.....	130.9	130.6	130.6	130.7	130.9	131.5
Intermediate materials less foods and energy.....	131.9	131.8	131.9	132.1	132.3	132.9
Crude energy materials 2/.....	61.0	58.8	61.3	66.5	74.4	76.7
Crude materials less energy.....	109.4	107.6	106.8	104.6	106.9	107.3
Crude nonfood materials less energy 3/.....	129.1	130.6	129.3	127.9	130.9	131.5

1/ All seasonally adjusted indexes are subject to change up to 5 years after original publication due to the recalculation of seasonal factors each January. The indexes for February 1999 have been recalculated to incorporate late reports and corrections by respondents.

2/ Includes crude petroleum.

3/ Excludes crude petroleum.

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 3,200 commodities and 80,000 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 (tables 1 and 2) organizes products by class of buyer and degree of processing. The commodity structure (tables 2 and

3) organizes products by similarity of end-use or material composition. The entire output of various industries is sampled to derive price indexes for the net output of industries and their products (table 4).

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.

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.

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. 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 1987 values of shipments as reported in the Census of Manufactures and other sources. From January 1987 through December 1991, PPI weights were derived from 1982 shipment values. Industry indexes shown in table 4 are also now calculated with 1987 net output weights.

Effective with publication of January 1988 data, many important PPI series (including 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 the 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 any changes to 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 (September 1992), Bulletin 2414. Reprints are available from the Bureau of Labor Statistics on request.

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.

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.

Index Point Change

Finished Goods Price Index	107.5
Less previous index	104.0
Equals index point change	3.5

Index Percent Change

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

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 to-day." 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 807, September 1991, available on request from BLS.)

For more information, see "Appendix A: Seasonal Adjustment Methodology at BLS," in the *BLS Handbook of Methods* (September 1992), Bulletin 2414.