PPI Detailed Report

Data for July 2016

U.S. Department of Labor U.S. Bureau of Labor Statistics

Mining • Manufacturing • Services
Agriculture • Utilities • Construction

PPI Detailed Report
Data for July 2016

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Producer Price Index Release Dates

The following is the schedule of release dates for Producer Price Index data for 2016. News releases are issued at 8:30 a.m. eastern time on each release date.

Reference Month	Release Date
December 2015	Jan. 15, 2016
January 2016	Feb. 17, 2016
February 2016	Mar. 15, 2016
March 2016	Apr. 13, 2016
April 2016	May 13, 2016
May 2016	June 15, 2016
June 2016	July 14, 2016
July 2016	Aug. 12, 2016
August 2016	Sept. 15, 2016
September 2016	Oct. 14, 2016
October 2016	Nov. 16, 2016
November 2016	Dec. 14, 2016

Producer Price Indexes – July 2016

The Producer Price Index for final demand decreased 0.4 percent in July. Final demand prices rose 0.5 percent in June and 0.4 percent in May. On an unadjusted basis, the final demand index moved down 0.2 percent for the 12 months ended in July. (See table A.)

In July, the decline in the final demand index was led by prices for final demand services, which fell 0.3 percent. The index for final demand goods decreased 0.4 percent.

Prices for final demand less foods, energy, and trade services were unchanged in July after rising 0.3 percent in June. For the 12 months ended in July, the index for final demand less foods, energy, and trade services increased 0.8 percent.

Final Demand

Final demand services: The index for final demand services fell 0.3 percent in July, the largest decline since moving down 0.3 percent in March. The July decrease can be traced to margins for final demand trade services, which fell 1.3 percent. (Trade indexes measure changes in margins received by wholesalers and retailers.) Conversely, prices for final demand services less trade, transportation, and warehousing advanced 0.2 percent, and the index for final demand transportation and warehousing services increased 0.1 percent.

Product detail: Nearly 60 percent of the decrease in prices for final demand services is attributable to margins for apparel, jewelry, footwear, and accessories retailing, which fell 6.0 percent. The indexes for machinery and equipment wholesaling; health, beauty, and optical goods retailing; food retailing; loan services (partial); and automotive fuels and lubricants retailing also declined. In contrast, prices for traveler accommodation services climbed 3.9 percent. The indexes for chemicals and allied products wholesaling and for securities brokerage, dealing, investment advice, and related services also moved higher. (See table 4.)

Final demand goods: The index for final demand goods declined 0.4 percent in July following three straight increases. Almost half of the decrease can be traced to prices for final demand foods, which fell 1.1 percent. The index for final demand energy moved down 1.0 percent. Prices for final demand goods less foods and energy were unchanged.

Product detail: A major factor in the decrease in the index for final demand goods was prices for beef and veal, which fell 9.8 percent. Prices for gasoline, corn, motor vehicles, oilseeds, and iron and steel scrap also moved lower. Conversely, the index for utility natural gas advanced 4.3 percent. Prices for eggs for fresh use and nonferrous scrap also increased.

Intermediate Demand by Commodity Type

Within intermediate demand in July, prices for processed goods increased 0.2 percent, the index for unprocessed goods fell 0.4 percent, and prices for services rose 0.3 percent. (See tables B and C.)

Processed goods for intermediate demand: The index for processed goods for intermediate demand moved up 0.2 percent in July, the third consecutive advance. Nearly three-quarters of the July increase can be traced to prices for processed energy goods, which rose 0.8 percent. The index for processed materials less foods and energy inched up 0.1 percent. Prices for processed foods and feeds were unchanged. For the 12 months ended in July, the index for processed goods for intermediate demand fell 3.7 percent.

Product detail: About half of the July advance in the index for processed goods for intermediate demand can be attributed to prices for utility natural gas, which increased 4.3 percent. The indexes for lubricating oil base stocks, residual fuels, industrial electric power, semifinished steel mill products, and natural cheese (except cottage cheese) also moved higher. Conversely, prices for gasoline dropped 6.6 percent. The indexes for primary basic organic chemicals and for beef and veal also decreased. (See table 5.)

Unprocessed goods for intermediate demand: The index for unprocessed goods for intermediate demand declined 0.4 percent in July following four straight increases. Most of the decrease can be traced to a 3.6-percent drop in prices for unprocessed foodstuffs and feedstuffs. The index for unprocessed nonfood materials less energy moved down 0.8 percent. In contrast, prices for unprocessed energy materials rose 5.0 percent. For the 12 months ended in July, the index for unprocessed goods for intermediate demand fell 8.7 percent.

Product detail: Leading the July decrease in prices for unprocessed goods for intermediate demand, the index for corn dropped 22.2 percent. Prices for crude petroleum, oilseeds, slaughter livestock, coal, and iron and steel scrap also moved lower. Conversely, the index for natural gas surged 40.3 percent. Prices for nonferrous metal ores and raw milk also advanced.

Chart 1. One-month percent changes in selected PPI final demand price indexes, seasonally adjusted

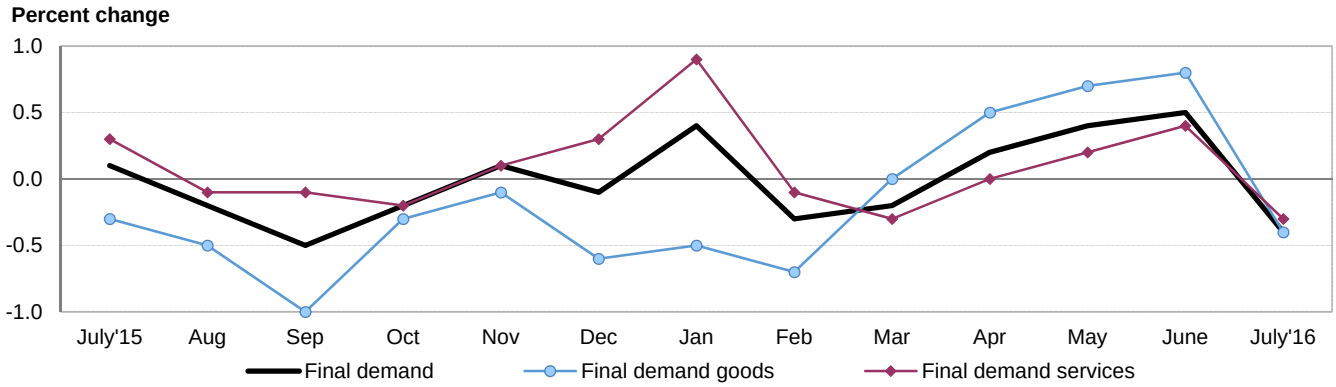


Chart 2. Twelve-month percent changes in selected PPI final demand price indexes, not seasonally adjusted

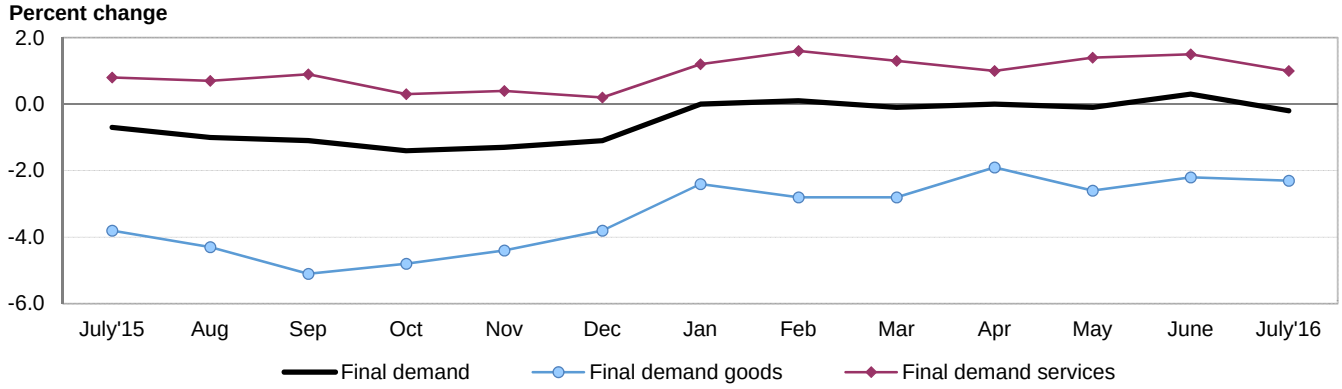


Table A. Monthly and 12-month percent changes in selected final demand price indexes, seasonally adjusted

Month	Total final demand	Final demand less foods, energy, and trade	Final demand goods				Final demand services				Change in final demand from 12 months ago (unadj.)	Change in final demand less foods, energy, and trade from 12 mo. ago (unadj.)
			Total	Foods	Energy	Less foods and energy	Total	Trade	Trans-portation and ware-housing	Other		
2015												
July....	0.1	0.1	-0.3	-0.8	-0.7	0.0	0.3	0.6	-0.1	0.1	-0.7	0.9
Aug....	-0.2	0.0	-0.5	0.2	-2.6	-0.2	-0.1	-0.4	-0.9	0.2	-1.0	0.6
Sept...	-0.5	-0.1	-1.0	-0.3	-5.3	0.0	-0.1	0.2	0.0	-0.2	-1.1	0.5
Oct.....	-0.2	-0.2	-0.3	-0.7	-0.2	-0.3	-0.2	-0.2	-0.1	-0.1	-1.4	0.4
Nov....	0.1	0.1	-0.1	-0.3	0.1	-0.1	0.1	0.1	0.1	0.1	-1.3	0.2
Dec....	-0.1	0.1	-0.6	-0.9	-3.5	0.1	0.3	0.4	-0.8	0.2	-1.1	0.3
2016												
Jan.. ..	0.4	0.3	-0.5	0.9	-4.3	0.1	0.9	1.7	0.5	0.6	0.0	0.8
Feb....	-0.3	0.1	-0.7	0.1	-4.9	0.0	-0.1	-0.5	-0.3	0.1	0.1	0.9
Mar.[1]..	-0.2	0.1	0.0	-1.4	1.1	0.2	-0.3	-0.7	-0.3	0.1	-0.1	0.9
Apr.[1]...	0.2	0.2	0.5	-0.3	2.0	0.3	0.0	-0.4	-0.7	0.2	0.0	0.9
May. ..	0.4	-0.1	0.7	0.3	2.8	0.3	0.2	1.2	-0.6	-0.2	-0.1	0.8
June...	0.5	0.3	0.8	0.9	4.1	0.0	0.4	0.7	0.5	0.4	0.3	0.9
July....	-0.4	0.0	-0.4	-1.1	-1.0	0.0	-0.3	-1.3	0.1	0.2	-0.2	0.8

[1] Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for March 2016 have been revised to reflect the availability of late reports and corrections by respondents.

Table B. Monthly and 12-month percent changes in selected intermediate demand price indexes for goods by commodity type, seasonally adjusted

Month	Processed goods for intermediate demand					Unprocessed goods for intermediate demand				
	Total	Foods and feeds	Energy goods	Less foods and energy	Total, change from 12 months ago (unadj.)	Total	Food-stuffs and feed-stuffs	Energy materials	Nonfood materials less energy	Total, change from 12 months ago (unadj.)
2015										
July.....	-0.3	0.2	-1.0	-0.1	-6.5	-3.5	-2.1	-6.3	-1.5	-23.2
Aug.....	-0.8	-0.5	-2.2	-0.5	-7.2	-3.5	0.8	-8.4	-3.9	-23.7
Sept.....	-1.3	-1.8	-4.3	-0.5	-8.3	-2.2	-4.3	-1.0	-0.2	-25.7
Oct.....	-0.4	-0.7	-1.0	-0.3	-7.7	-1.3	-1.4	-0.4	-2.3	-24.0
Nov.....	-0.5	-0.9	-1.1	-0.2	-7.2	-4.3	-2.3	-7.6	-3.7	-26.4
Dec.....	-1.1	-2.0	-4.0	-0.4	-6.6	-3.9	-3.0	-7.2	-0.9	-25.3
2016										
Jan.....	-0.9	-0.7	-3.4	-0.4	-5.3	0.2	4.8	-6.0	-0.5	-17.5
Feb.....	-0.9	0.6	-4.8	-0.3	-5.8	-1.9	-1.0	-5.7	0.6	-16.4
Mar.[1].....	0.0	-0.6	0.5	0.0	-5.5	1.6	-0.8	3.9	2.5	-14.4
Apr.[1].....	0.3	-0.4	1.3	0.1	-4.6	3.0	-2.8	12.5	3.1	-12.3
May.....	0.8	1.1	2.7	0.5	-4.6	1.3	0.1	0.9	4.2	-13.7
June.....	0.9	1.7	4.0	0.2	-4.1	2.8	0.4	8.5	-0.3	-11.4
July.....	0.2	0.0	0.8	0.1	-3.7	-0.4	-3.6	5.0	-0.8	-8.7

[1] Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for March 2016 have been revised to reflect the availability of late reports and corrections by respondents.

Services for intermediate demand: The index for services for intermediate demand increased 0.3 percent in July following a 0.8-percent rise in June. Nearly 60 percent of the broad-based July advance can be traced to prices for services less trade, transportation, and warehousing for intermediate demand, which climbed 0.2 percent. The indexes for trade services for intermediate demand and for transportation and warehousing services for intermediate demand moved up 0.4 percent and 0.3 percent, respectively. For the 12 months ended in July, the index for services for intermediate demand increased 1.6 percent.

Product detail: About three-fifths of the July increase in the index for services for intermediate demand is attributable to prices for securities brokerage, dealing, investment advice, and related services, which rose 1.9 percent. The indexes for chemicals and allied products wholesaling; television advertising time sales; metals, minerals, and ores wholesaling; deposit services (partial); and courier, messenger, and U.S. postal services also increased. In contrast, prices for loan services (partial) fell 1.5 percent. The indexes for machinery and equipment parts and supplies wholesaling and for passenger car rental also decreased.

Table C. Monthly and 12-month percent changes in selected intermediate demand price indexes for services by commodity type, seasonally adjusted

Month	Services for intermediate demand				
	Total	Trade	Transportation and warehousing	Other	Total, change from 12 months ago (unadj.)
2015					
July.....	0.3	1.0	0.2	0.1	1.4
Aug.....	0.2	-0.8	-0.3	0.6	1.6
Sept.....	-0.5	-0.1	-0.2	-0.8	1.1
Oct.....	-0.5	-0.3	-0.1	-0.6	0.2
Nov.....	0.1	-0.4	0.1	0.2	0.4
Dec.....	0.2	-1.0	-0.2	0.6	0.5
2016					
Jan.....	1.3	0.5	-0.5	1.9	1.5
Feb.....	0.2	-0.3	0.0	0.3	1.9
Mar.[1].....	0.0	-0.1	-0.1	0.1	1.6
Apr.[1].....	-0.2	-0.4	-0.8	0.0	0.9
May.....	-0.2	0.3	0.0	-0.4	0.9
June.....	0.8	1.1	0.4	0.8	1.6
July.....	0.3	0.4	0.3	0.2	1.6

[1] Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for March 2016 have been revised to reflect the availability of late reports and corrections by respondents.

Intermediate Demand by Production Flow

Stage 4 intermediate demand: The index for stage 4 intermediate demand was unchanged in July after increasing 0.7 percent in June. In July, prices for total services inputs to stage 4 intermediate demand rose 0.1 percent. Conversely, the index for total goods inputs fell 0.1 percent. Increases in the indexes for chemicals and allied products wholesaling; securities brokerage, dealing, investment advice, and related services; metals, minerals, and ores wholesaling; industrial electric power; and natural cheese (except cottage cheese) offset declines in the indexes for corn, machinery and equipment parts and supplies wholesaling, beef and veal, gasoline, and loan services (partial). For the 12 months ended in July, the index for stage 4 intermediate demand moved down 0.5 percent.

Stage 3 intermediate demand: The index for stage 3 intermediate demand was unchanged in July after increasing 0.9 percent in June. In July, the index for total services inputs to stage 3 intermediate demand rose 0.3 percent. In contrast, prices for total goods inputs declined 0.3 percent. Increases in the indexes for securities brokerage, dealing, investment advice, and related services; raw milk; chemicals and allied products wholesaling; metals, minerals, and ores wholesaling; and courier, messenger, and U.S. postal services offset lower prices for gasoline, primary basic organic chemicals, slaughter livestock, agricultural chemicals and chemical products, and passenger car rental. For the 12 months ended in July, the index for stage 3 intermediate demand decreased 3.9 percent.

Stage 2 intermediate demand: The index for stage 2 intermediate demand rose 0.7 percent in July, the fifth consecutive increase. In July, prices for total goods inputs to stage 2 intermediate demand moved up 1.1 percent. The index for total services inputs advanced 0.5 percent. Higher prices for natural gas; securities brokerage, dealing, investment advice, and related services; cable network advertising time sales; thermoplastic resins and materials; semifinished steel mill products; and lubricating oil base stocks outweighed decreases in the indexes for crude petroleum, oilseeds, and portfolio management. For the 12 months ended in July, the index for stage 2 intermediate demand fell 0.6 percent.

Stage 1 intermediate demand: The index for stage 1 intermediate demand was unchanged in July after increasing 1.2 percent in June. In July, the index for total services inputs to stage 1 intermediate demand advanced 0.3 percent. Conversely, prices for total goods inputs fell 0.1 percent. Increases in the indexes for chemicals and allied products wholesaling; natural gas; nonferrous scrap; diesel fuel; and securities brokerage, dealing, investment advice, and related services offset declining prices for primary basic organic chemicals, corn, iron and steel scrap, loan services (partial), and gasoline. For the 12 months ended in July, the index for stage 1 intermediate demand fell 3.2 percent.

Table D. Monthly percent changes in selected intermediate demand price indexes by production flow, seasonally adjusted

Month	Stage 4 intermediate demand			Stage 3 intermediate demand			Stage 2 intermediate demand			Stage 1 intermediate demand		
	Total	Goods inputs	Services inputs	Total	Goods inputs	Services inputs	Total	Goods inputs	Services inputs	Total	Goods inputs	Services inputs
2015												
July.....	0.0	-0.2	0.2	-0.4	-1.0	0.3	-0.7	-2.0	0.5	-0.2	-0.5	0.3
Aug.....	-0.2	-0.4	0.2	-0.5	-1.1	0.2	-1.1	-3.0	0.3	-1.1	-1.7	-0.1
Sept.....	-0.5	-0.8	-0.5	-1.8	-3.0	-0.4	-0.8	-1.2	-0.6	-1.5	-2.3	-0.6
Oct.....	-0.3	-0.2	-0.5	-0.6	-1.0	-0.4	-0.4	-0.2	-0.6	-0.8	-0.9	-0.6
Nov.....	-0.1	-0.2	0.2	-0.4	-0.7	0.0	-1.2	-2.9	0.0	-0.8	-1.4	0.0
Dec.....	-0.4	-0.8	0.0	-0.9	-2.1	0.2	-0.5	-2.4	0.7	-1.4	-2.2	-0.4
2016												
Jan.....	0.3	-0.3	1.0	0.1	-0.5	0.9	-0.3	-2.3	1.3	0.1	-1.2	1.5
Feb.....	-0.1	-0.4	0.1	-0.8	-2.0	0.3	-0.6	-2.0	0.2	-0.8	-1.4	0.1
Mar.[1].....	-0.1	0.0	-0.1	0.1	0.1	0.0	0.4	0.7	0.2	0.4	1.0	-0.3
Apr.[1].....	0.1	0.1	0.0	-0.3	-0.3	-0.3	1.2	3.2	-0.2	0.5	1.0	-0.1
May.....	0.1	0.4	-0.2	0.4	0.8	-0.1	0.7	1.9	-0.1	1.0	2.2	-0.6
June.....	0.7	0.7	0.8	0.9	1.2	0.7	1.5	2.9	0.6	1.2	1.2	1.2
July.....	0.0	-0.1	0.1	0.0	-0.3	0.3	0.7	1.1	0.5	0.0	-0.1	0.3

[1] Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for March 2016 have been revised to reflect the availability of late reports and corrections by respondents.

Chart 1. **The Final Demand Index and its component indexes, January 2012 through July 2016, 12-month percentage changes**

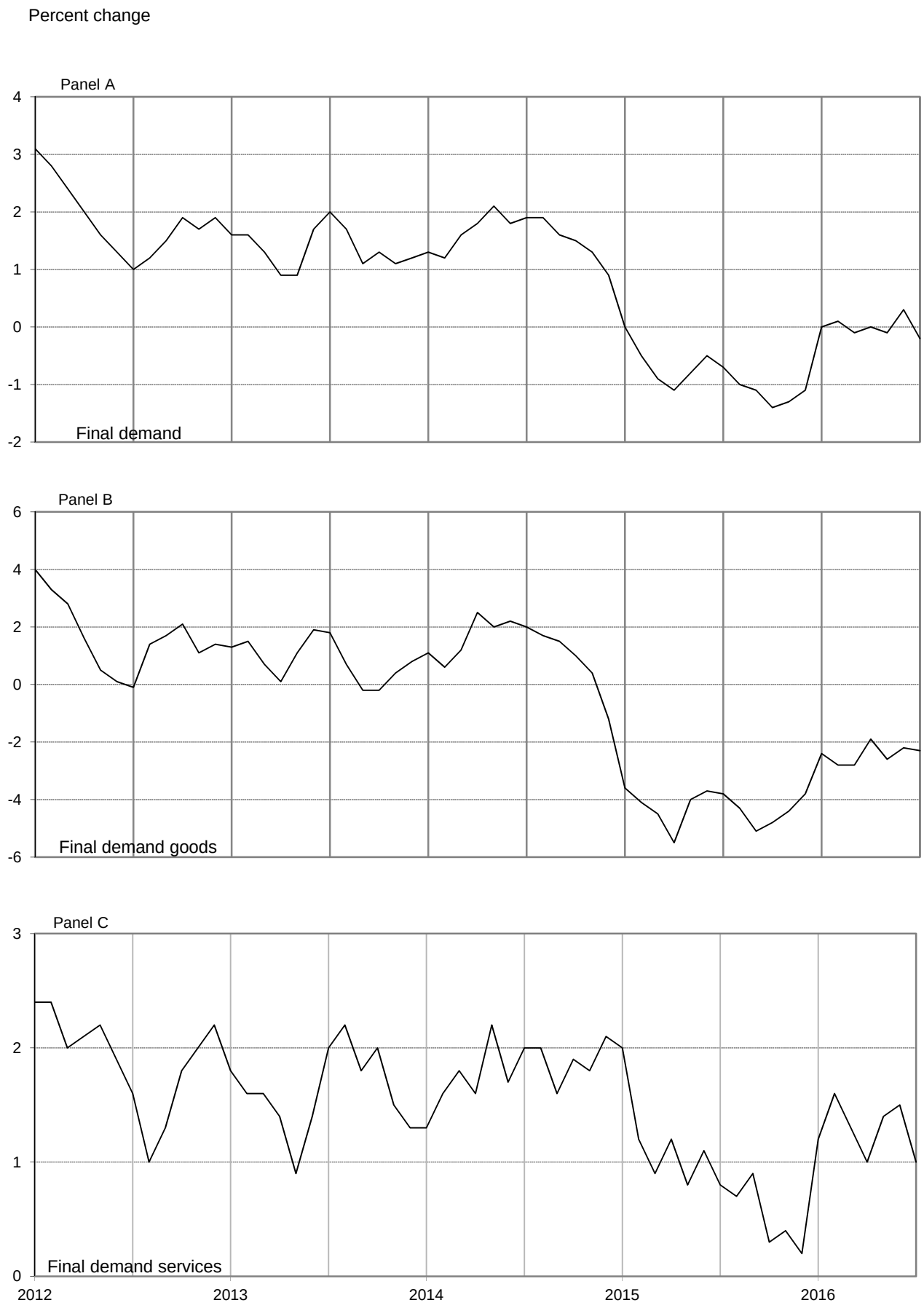


Chart 2. **The Processed Goods for Intermediate Demand Index and its component indexes, January 2012 through July 2016, 12-month percentage changes**

Percent change

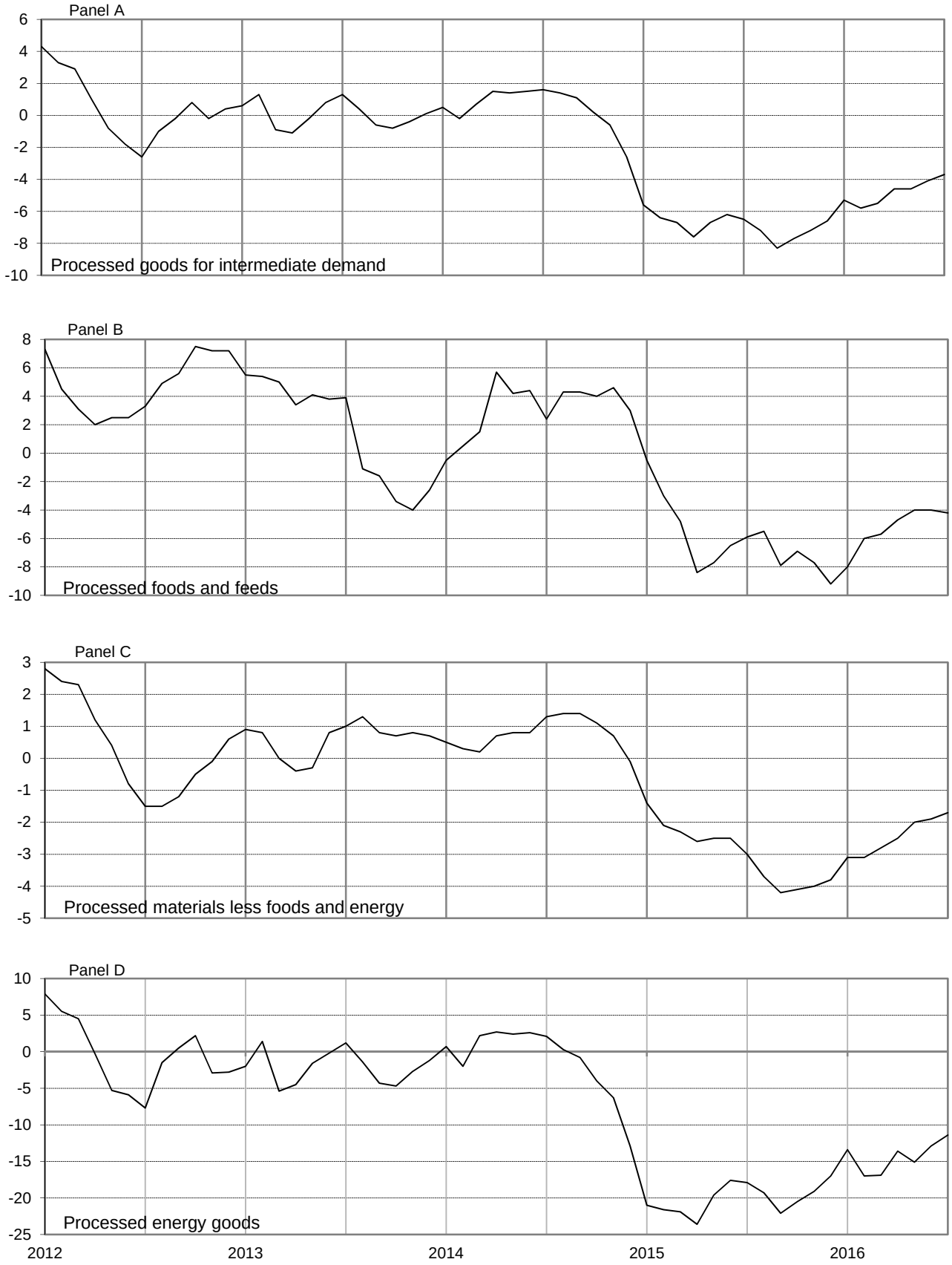


Chart 3. **The Unprocessed Goods for Intermediate Demand Index and its component indexes, January 2012 through July 2016, 12-month percentage changes**

Percent change

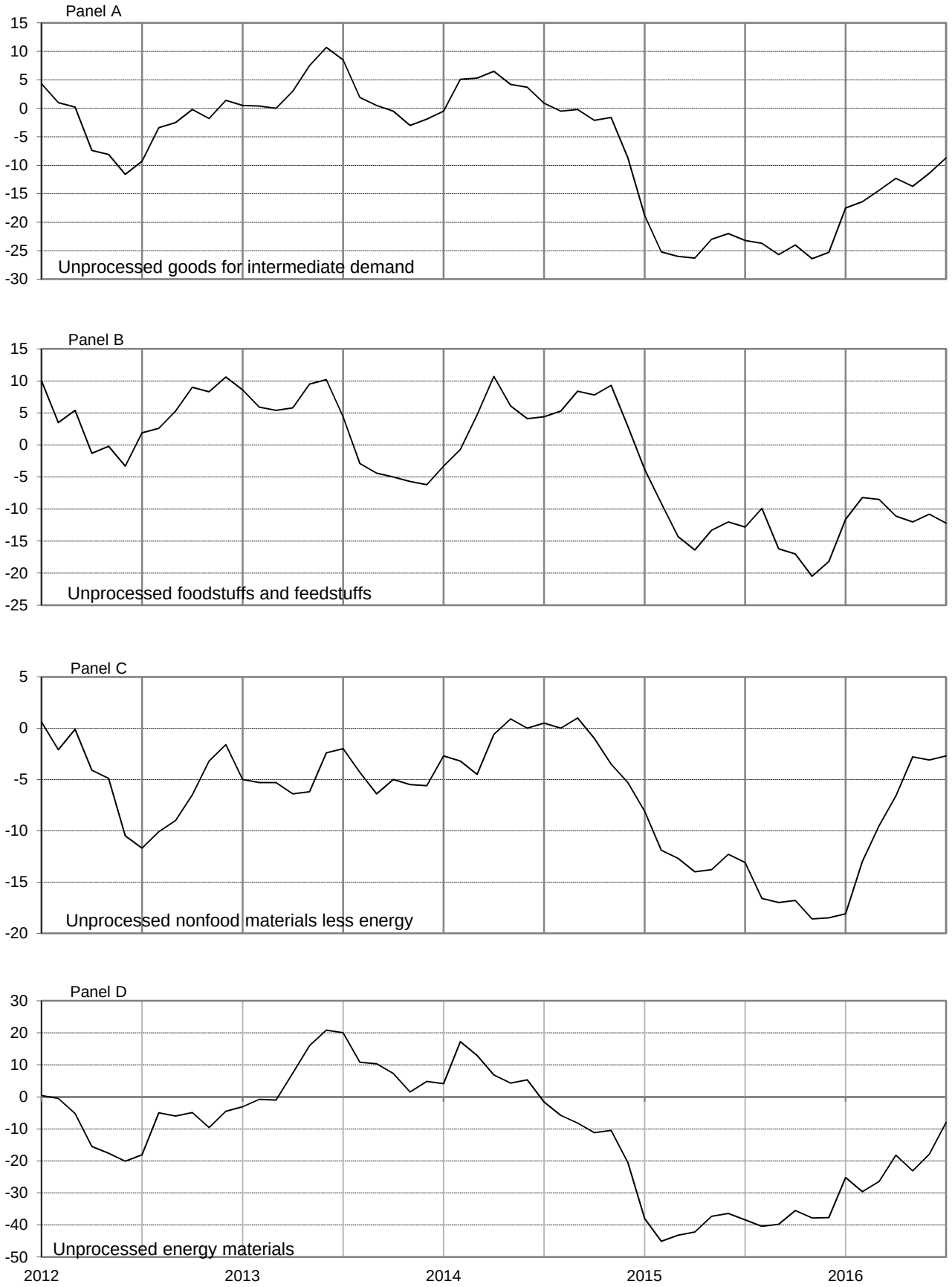
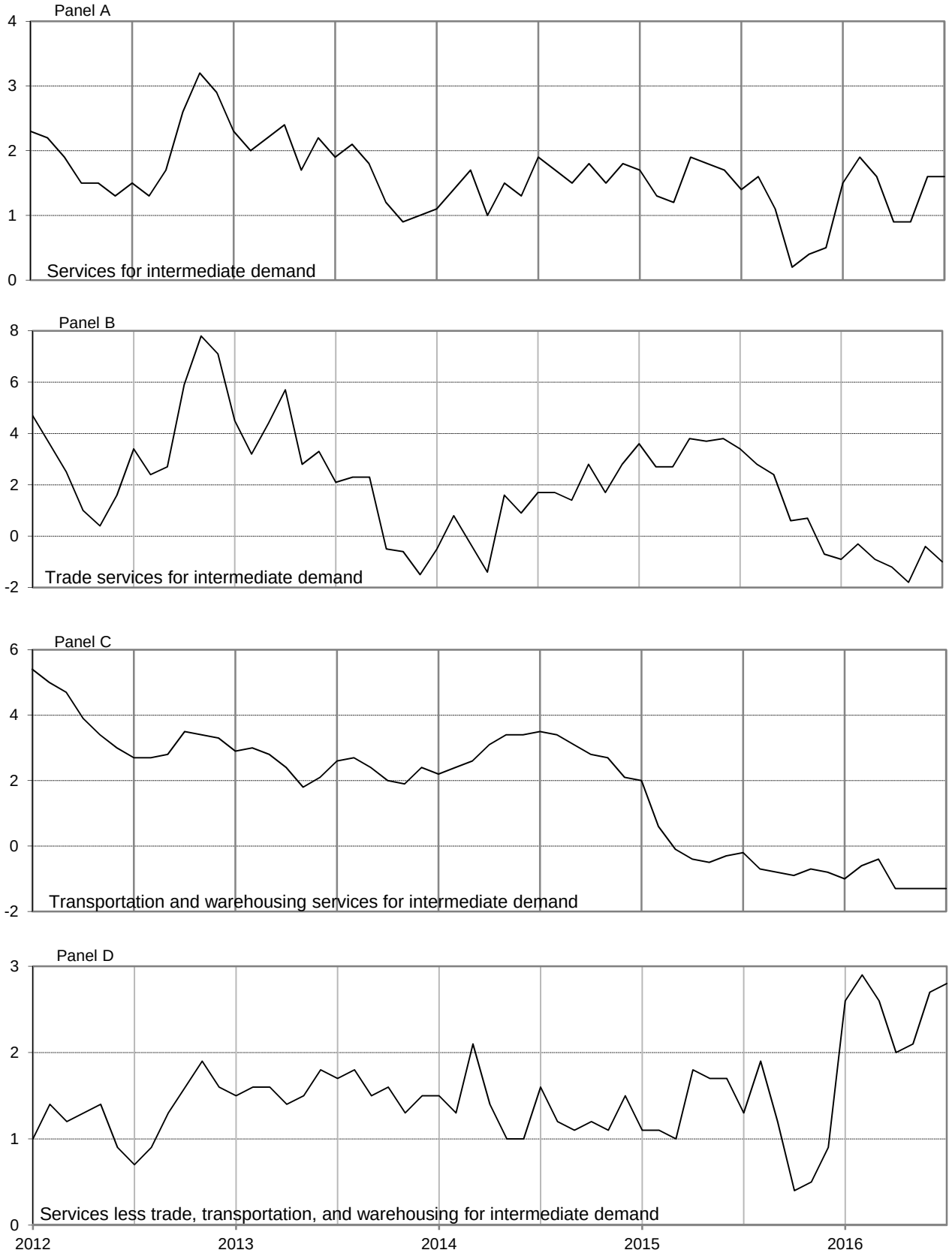


Chart 4. **The Services for Intermediate Demand Index and its component indexes, January 2012 through July 2016, 12-month percentage changes**

Percent change



Source: U.S. Bureau of Labor Statistics, Producer Price Index Program

Table 1. Producer price indexes and percent changes for final demand[1]

[Nov 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2015[2]	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[3]	June 2016[3]	July 2016[3]	July 2015	June 2016	Apr. to May	May to June	June to July
Final demand		100.000	109.7	110.9	110.6	-0.2	-0.3	0.4	0.5	-0.4
Final demand goods		33.629	106.1	108.7	108.3	-2.3	-0.4	0.7	0.8	-0.4
Final demand foods		5.564	115.1	117.1	115.9	-2.6	-1.0	0.3	0.9	-1.1
Finished consumer foods[4]	00/82	4.492	204.8	206.3	205.3	-2.1	-0.5	0.0	0.4	-0.4
Finished consumer foods, crude	00/82	0.413	196.4	187.6	188.7	-7.9	0.6	4.6	-4.3	0.3
Finished consumer foods, processed	00/82	4.079	205.9	208.2	207.1	-1.6	-0.5	-0.5	0.9	-0.5
Government purchased foods		0.345	117.4	119.2	118.9	-2.9	-0.3	-0.7	1.0	-0.3
Foods for export		0.727	110.3	119.4	113.9	-5.5	-4.6	3.5	3.3	-5.7
Final demand energy		5.238	84.3	94.7	94.1	-11.7	-0.6	2.8	4.1	-1.0
Finished consumer energy goods[4]	00/82	4.313	137.3	153.5	151.6	-11.0	-1.2	2.4	3.5	-1.5
Government purchased energy		0.725	78.1	89.2	90.3	-13.9	1.2	3.9	6.5	1.0
Energy for export		0.200	59.1	70.5	73.2	-19.2	3.8	6.9	9.1	4.2
Final demand goods less foods and energy		22.827	110.2	110.7	110.6	0.4	-0.1	0.3	0.0	0.0
Finished goods less foods and energy[4]	00/82	13.873	194.6	194.9	194.7	1.0	-0.1	0.1	0.2	-0.2
Finished consumer goods less foods and energy	00/82	7.906	214.5	215.0	214.8	1.6	-0.1	0.1	0.1	-0.1
Nondurable consumer goods less foods and energy	00/82	4.632	269.5	270.9	271.2	2.8	0.1	0.0	0.3	-0.1
Durable consumer goods	00/82	3.274	156.5	156.2	155.6	-0.1	-0.4	0.3	0.0	-0.3
Private capital equipment	00/82	5.967	169.1	169.2	168.9	0.2	-0.2	0.1	0.1	-0.1
Private capital equipment for manufacturing industries	00/82	1.410	170.8	171.2	171.0	0.3	-0.1	0.1	0.2	-0.1
Private capital equipment for nonmanufacturing industries	00/82	4.557	168.3	168.3	168.0	0.2	-0.2	0.1	0.1	-0.1
Government purchased goods, excluding foods and energy		2.292	108.9	109.0	109.0	-0.1	0.0	0.1	0.0	0.1
Government purchased goods excluding foods, energy, and capital equipment		1.430	109.8	110.0	110.0	-0.4	0.0	0.0	0.1	0.0
Government purchased capital equipment		0.862	106.4	106.4	106.5	0.3	0.1	0.1	0.0	0.1
Goods for export, excluding foods and energy		6.662	105.9	107.0	107.0	-0.9	0.0	0.5	0.0	0.1
Final demand services		64.284	111.2	111.7	111.5	1.0	-0.2	0.2	0.4	-0.3
Final demand trade services[5]		20.339	113.0	114.3	112.8	0.7	-1.3	1.2	0.7	-1.3
Trade of finished goods[4]		17.860	112.9	114.2	112.7	0.6	-1.3	1.1	0.7	-1.4
Trade of personal consumption goods		14.393	112.3	113.7	112.3	-0.4	-1.2	0.6	0.8	-1.2
Trade of private capital equipment		3.467	114.4	115.6	113.5	5.1	-1.8	3.0	0.3	-1.8
Trade of government purchased goods		0.674	113.1	114.2	113.5	1.8	-0.6	2.1	0.4	-0.6
Trade of government purchased goods, excluding capital equipment		0.375	110.0	110.8	111.5	-1.8	0.6	0.9	0.5	0.6
Trade of government purchased capital equipment		0.299	117.0	118.4	115.9	6.5	-2.1	3.5	0.4	-2.1
Trade of exports		1.805	113.6	114.4	113.8	1.5	-0.5	1.7	0.4	-0.5
Final demand transportation and warehousing services		4.986	114.2	113.6	113.7	-2.3	0.1	-0.6	0.5	0.1
Transportation of passengers for final demand		1.166	114.5	112.6	112.8	-3.8	0.2	-2.5	2.3	0.1
Transportation of private passengers		0.796	114.5	112.6	112.8	-3.8	0.2	-2.5	2.3	0.1
Transportation of government passengers		0.120	114.5	112.7	112.8	-3.8	0.1	-2.6	2.4	0.0
Transportation of passengers for export		0.250	114.4	112.6	112.7	-3.9	0.1	-2.6	2.4	0.1
Transportation and warehousing of goods for final demand		3.820	113.9	113.8	113.8	-1.9	0.0	-0.1	0.0	0.1
Transportation and warehousing of finished goods[4]		2.704	112.9	112.7	112.7	-2.0	0.0	-0.2	0.0	0.0
Transportation and warehousing of personal consumption goods		2.123	113.2	113.0	113.0	-2.1	0.0	-0.2	0.0	0.1
Transportation and warehousing of private capital equipment		0.581	111.3	111.4	111.4	-2.0	0.0	-0.2	0.0	0.0
Transportation and warehousing of government purchased goods		0.277	113.8	113.3	113.3	-1.8	0.0	-0.1	0.2	0.0
Transportation and warehousing of exports		0.839	117.3	117.4	117.6	-1.3	0.2	0.1	0.2	0.2
Final demand services less trade, transportation, and warehousing		38.959	110.2	110.4	110.6	1.5	0.2	-0.2	0.4	0.2
Finished services less trade, transportation, and warehousing[4]		34.784	110.4	110.6	110.9	1.4	0.3	-0.2	0.3	0.2
Finished consumer services less trade, transportation, and warehousing		31.842	110.7	110.9	111.2	1.5	0.3	-0.3	0.5	0.2
Private capital investment services less trade, transportation, and warehousing		2.942	108.2	108.6	108.4	0.0	-0.2	0.3	-0.3	-0.3
Government purchased services less trade, transportation, and warehousing		2.657	107.4	107.7	107.9	2.0	0.2	-0.1	0.6	0.1
Gov. purchased services less trade, transportation, and warehousing, excl. capital investment		2.563	107.6	108.0	108.2	2.0	0.2	-0.1	0.6	0.1
Government purchased capital investment services less trade, transportation, and warehousing		0.094	99.0	98.9	98.4	0.6	-0.5	-0.4	-0.2	-0.5
Services for export less trade, transportation, and warehousing		1.518	108.9	109.5	109.7	3.9	0.2	-0.6	1.0	0.1
Final demand construction		2.089	113.3	114.4	113.7	0.8	-0.6	0.1	0.1	-0.6
Construction for private capital investment		1.409	113.1	114.2	113.7	0.9	-0.4	0.1	0.1	-0.4
Construction for government		0.680	113.7	114.7	113.6	0.4	-1.0	0.2	0.1	-1.0
Special groupings										
Final demand less exports	04/10	87.999	108.4	109.6	109.3	-0.1	-0.3	0.4	0.6	-0.4
Final demand less government	04/10	92.230	108.4	109.5	109.2	-0.1	-0.3	0.3	0.6	-0.5
Final demand less foods, food and nonalcoholic beverages for immediate consumption, and energy[6]	04/10	88.624	110.0	110.5	110.2	0.7	-0.3	0.3	0.4	-0.3
Final demand less foods and energy[6]	04/10	89.198	109.9	110.4	110.1	0.7	-0.3	0.3	0.4	-0.3

See footnotes at end of table.

Table 1. Producer price indexes and percent changes for final demand[1] — Continued

[Nov 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2015[2]	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[3]	June 2016[3]	July 2016[3]	July 2015	June 2016	Apr. to May	May to June	June to July
Final demand less foods and food and nonalcoholic beverages for immediate consumption[6]	04/10	93.862	107.8	109.0	108.8	0.0	-0.2	0.4	0.6	-0.4
Final demand less foods[6]	04/10	94.436	107.8	108.9	108.7	0.0	-0.2	0.4	0.6	-0.3
Final demand less energy	04/10	94.762	110.0	110.5	110.2	0.5	-0.3	0.3	0.4	-0.3
Final demand less trade services	01/10	79.661	107.7	108.9	108.8	-0.5	-0.1	0.2	0.6	-0.1
Final demand less distributive services[7]	01/10	75.841	107.5	108.7	108.7	-0.4	0.0	0.1	0.6	-0.2
Final demand goods less energy	01/10	28.391	110.2	110.9	110.6	-0.3	-0.3	0.2	0.3	-0.3
Final demand goods less foods	04/10	28.065	102.1	104.7	104.5	-2.2	-0.2	0.7	0.8	-0.2
Final demand services less trade services	04/10	43.945	109.7	109.8	110.0	1.0	0.2	-0.3	0.4	0.2
Final demand distributive services[7]	04/10	24.159	110.9	112.0	110.8	0.3	-1.1	1.0	0.5	-1.1
Final demand goods plus final demand distributive services[7]	04/10	57.788	106.6	108.5	107.8	-1.3	-0.6	0.7	0.7	-0.7
Final demand less foods, energy, and trade services[6]	08/13	68.859	102.9	103.2	103.3	0.8	0.1	-0.1	0.3	0.0
Private and government purchased capital equipment	08/13	6.829	103.1	103.1	103.0	0.2	-0.1	0.1	0.1	-0.1
Private and government purchased capital investment services	08/13	7.383	102.6	103.4	102.3	2.5	-1.1	1.7	0.1	-1.2
Total private and government purchased capital investment	08/13	14.212	103.3	103.8	103.1	1.3	-0.7	0.9	0.0	-0.6
Total finished[4]	01/10	80.231	109.5	110.6	110.2	-0.1	-0.4	0.3	0.5	-0.4
Total finished less foods, food and nonalcoholic beverages for immediate consumption, and energy[4, 6]	12/10	70.866	110.1	110.5	110.3	0.9	-0.2	0.1	0.5	-0.4
Total finished less foods and energy[4, 6]	01/10	71.426	111.0	111.4	111.1	0.9	-0.3	0.2	0.5	-0.4
Total finished less foods and food and nonalcoholic beverages for immediate consumption[4, 6]	12/10	75.179	107.9	109.0	108.7	0.1	-0.3	0.3	0.6	-0.5
Total finished less foods[4, 6]	01/10	75.739	109.2	110.3	110.0	0.1	-0.3	0.3	0.6	-0.4
Total finished less energy[4]	01/10	75.918	111.2	111.6	111.3	0.7	-0.3	0.2	0.4	-0.4
Finished goods[4]	00/82	22.678	189.2	193.8	193.0	-2.2	-0.4	0.5	0.8	-0.5
Finished goods less energy[4]	00/82	18.365	196.8	197.4	197.0	0.3	-0.2	0.1	0.2	-0.2
Finished goods, excluding foods[4, 6]	00/82	18.186	184.8	190.0	189.3	-2.2	-0.4	0.6	0.9	-0.5
Finished services[4]	01/10	56.144	110.5	111.0	110.7	0.9	-0.3	0.2	0.5	-0.4
Private capital investment services	04/10	6.990	110.2	111.0	109.9	2.3	-1.0	1.6	0.0	-1.1
Finished distributive services[4, 7]	04/10	20.564	110.6	111.7	110.4	0.3	-1.2	1.0	0.6	-1.3
Finished services less trade services[4]	04/10	38.284	109.8	109.9	110.2	1.0	0.3	-0.2	0.4	0.1
Finished services less distributive services[4, 7]	04/10	35.580	109.8	110.0	110.2	1.2	0.2	-0.3	0.4	0.2
Total private capital investment (goods, services, and construction)	04/10	14.366	109.1	109.6	109.0	1.3	-0.5	0.8	0.1	-0.6
Finished goods plus finished distributive services[4]	04/10	43.242	108.0	109.8	109.0	-1.1	-0.7	0.7	0.7	-0.8
Total exports	04/10	12.001	104.6	106.2	105.9	-0.7	-0.3	0.8	0.6	-0.3
Goods for export	00/82	7.589	175.1	178.9	178.2	-1.9	-0.4	0.9	0.5	-0.4
Services for export	04/10	4.412	111.4	111.9	111.7	1.5	-0.2	0.3	0.7	-0.2
Total government purchases	04/10	7.770	103.7	105.3	105.3	-1.0	0.0	0.5	0.9	0.0
Government purchased goods	00/82	3.362	166.4	171.5	171.9	-3.9	0.2	0.8	1.4	0.2
Government purchased services	04/10	3.728	108.6	109.0	108.9	1.4	-0.1	0.3	0.6	-0.1
Total government purchased capital investment (goods, services, construction)	08/13	1.935	103.8	104.3	103.7	1.4	-0.6	0.7	0.0	-0.6
Personal consumption	01/10	65.865	109.5	110.7	110.4	-0.4	-0.3	0.2	0.6	-0.4
Personal consumption goods (finished consumer goods)	00/82	16.711	197.6	204.0	203.0	-3.1	-0.5	0.7	1.0	-0.5
Personal consumption goods less energy	00/82	12.398	210.6	211.5	211.0	0.2	-0.2	0.0	0.2	-0.2
Personal consumption goods less foods	00/82	12.219	193.8	201.9	200.9	-3.4	-0.5	0.9	1.3	-0.7
Personal consumption nondurable goods less foods	00/82	8.945	209.9	222.0	220.8	-4.5	-0.5	1.2	1.8	-0.8
Personal consumption services	04/10	49.154	110.1	110.5	110.3	0.6	-0.2	0.0	0.5	-0.3
Personal consumption less trade services	04/10	51.472	108.4	109.6	109.6	-0.3	0.0	0.0	0.6	-0.1
Personal consumption less distributive services[7]	04/10	49.349	108.4	109.6	109.6	-0.3	0.0	0.0	0.6	-0.1
Personal consumption less foods and energy	04/14	57.060	102.8	103.2	103.0	0.8	-0.2	0.0	0.5	-0.2
Personal consumption less foods, energy, and trade services[5]	04/14	42.667	102.7	102.9	103.1	1.3	0.2	-0.2	0.3	0.2
Personal consumption less foods, energy, and distributive services[7]	04/14	40.544	103.0	103.2	103.4	1.4	0.2	-0.2	0.4	0.1
Personal consumption goods plus personal consumption distributive services[7]	08/13	33.227	98.0	100.1	99.3	-1.9	-0.8	0.6	0.9	-0.9

[1] Further information about the Final Demand-Intermediate Demand Aggregation system is available online at http://www.bls.gov/ppi/fdidaggregation.htm.

[2] Comprehensive relative importance figures are initially computed after the publication of December indexes and are recalculated after final December indexes are available. Individual items and subtotals may not add exactly to totals because of rounding differences.

[3] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

[4] PPI defines Total finished as including only the personal consumption and private capital investment portions of final demand.

[5] Trade indexes measure changes in margins received by wholesalers and retailers.

[6] The PPI definition of foods does not include food and beverages for immediate consumption. PPI defines food and beverages for immediate consumption as the service of preparing meals, snacks, and beverages to customer order for immediate on-premises and off-premises consumption.

[7] Distributive services include transportation, warehousing, and trade of goods.

"-" Data not available.

Table 2. Producer price indexes and percent changes for intermediate demand by commodity type[1]

[Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2015[2]	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[3]	June 2016[3]	July 2016[3]	July 2015	June 2016	Apr. to May	May to June	June to July
Processed goods										
Processed goods for intermediate demand	00/82	100.000	178.8	183.8	184.1	-3.7	0.2	0.8	0.9	0.2
Materials and components for manufacturing	00/82	44.965	170.6	172.8	172.5	-3.5	-0.2	0.6	0.2	0.0
Materials for manufacturing		27.030	100.6	102.7	102.4	-5.4	-0.3	1.1	0.4	-0.1
Materials for food manufacturing	00/82	3.729	192.4	194.2	192.6	-8.2	-0.8	-0.7	0.4	-0.7
Materials for nondurable manufacturing	00/82	13.737	194.9	199.4	196.7	-7.2	-1.4	1.2	0.6	-1.1
Materials for durable manufacturing	00/82	9.564	175.3	179.4	181.7	-1.4	1.3	1.5	0.2	1.3
Components for manufacturing	00/82	17.935	149.4	149.3	149.5	-0.5	0.1	0.1	-0.1	0.1
Components for nondurable manufacturing		0.794	109.2	109.3	109.3	-0.7	0.0	0.1	0.0	0.0
Components for durable manufacturing		17.141	105.8	105.7	105.9	-0.4	0.2	0.1	-0.1	0.2
Materials and components for construction	00/82	10.789	227.8	229.0	229.7	0.4	0.3	0.1	0.3	0.3
Materials for construction		5.084	114.4	114.8	115.2	1.0	0.3	0.0	0.2	0.4
Components for construction		5.705	111.1	111.9	112.1	-0.2	0.2	0.3	0.3	0.3
Processed fuels and lubricants for intermediate demand	00/82	16.407	141.4	157.7	159.3	-11.5	1.0	2.7	4.0	0.8
Processed fuels and lubricants to manufacturing industries	00/82	4.485	148.5	160.5	166.6	-10.8	3.8	1.3	2.9	3.1
Processed fuels and lubricants to nonmanufacturing industries	00/82	11.922	139.2	157.0	157.2	-11.7	0.1	3.2	4.4	-0.1
Containers for intermediate demand	00/82	2.986	216.5	217.2	217.3	-0.7	0.0	0.0	0.4	0.1
Supplies for intermediate demand	00/82	24.852	188.5	191.0	191.2	-0.3	0.1	0.5	0.6	0.1
Supplies to manufacturing industries	00/82	2.804	184.5	185.3	184.9	-0.6	-0.2	0.1	0.2	-0.2
Supplies to nonmanufacturing industries	00/82	22.048	187.6	190.4	190.6	-0.3	0.1	0.6	0.6	0.1
Supplies to nonmanufacturing industries, feeds	00/82	1.571	168.2	193.5	198.1	5.0	2.4	8.4	6.3	1.7
Supplies to nonmanufacturing industries, other than feeds	00/82	20.477	191.0	191.8	191.7	-0.7	-0.1	-0.1	0.2	0.0
Unprocessed goods										
Unprocessed goods for intermediate demand	00/82	100.000	166.0	180.1	179.1	-8.7	-0.6	1.3	2.8	-0.4
Unprocessed foodstuffs and feedstuffs	00/82	45.737	169.4	170.2	164.1	-12.2	-3.6	0.1	0.4	-3.6
Unprocessed nonfood materials	00/82	54.264	152.9	176.9	180.2	-5.9	1.9	2.4	4.6	2.0
Unprocessed nonfood materials except fuel	00/82	38.426	182.0	214.5	208.7	-7.4	-2.7	2.8	5.7	-2.9
Unprocessed nonfood materials except fuel to manufacturing industries	00/82	35.683	165.4	197.1	191.4	-8.2	-2.9	2.9	6.0	-3.0
Unprocessed nonfood materials except fuel to nonmanufacturing industries	00/82	2.743	241.6	243.9	244.4	4.5	0.2	0.7	0.5	0.1
Unprocessed fuel	00/82	15.838	102.8	112.9	130.4	-2.0	15.5	1.3	1.5	16.5
Unprocessed fuel to manufacturing industries	00/82	0.685	152.3	160.5	165.3	-2.7	3.0	0.3	2.5	4.5
Unprocessed fuel to nonmanufacturing industries	00/82	15.153	103.2	113.6	131.8	-1.9	16.0	1.3	1.5	17.0
Services										
Services for intermediate demand		100.000	111.8	112.3	112.5	1.6	0.2	-0.2	0.8	0.3
Trade services for intermediate demand[4]		17.592	111.9	112.9	113.4	-1.0	0.4	0.3	1.1	0.4
Trade services for manufacturing industries	12/12	8.411	100.7	101.0	101.6	-1.3	0.6	-0.1	1.0	0.6
Trade services for nonmanufacturing industries	12/12	9.181	100.9	102.4	102.8	-0.7	0.4	0.7	1.1	0.2
Transportation and warehousing services for intermediate demand		13.397	118.7	118.1	118.4	-1.3	0.3	0.0	0.4	0.3
Transportation of passengers for intermediate demand		1.064	114.5	112.6	112.8	-3.8	0.2	-2.6	2.4	0.1
Transportation of passengers for manufacturing industries		0.177	114.4	112.6	112.7	-3.9	0.1	-2.6	2.4	0.1
Transportation of passengers for nonmanufacturing industries		0.887	114.5	112.7	112.8	-3.8	0.1	-2.5	2.3	0.1
Transportation and warehousing of goods for intermediate demand		12.333	119.1	118.7	118.9	-1.0	0.2	0.2	0.3	0.3
Transportation and warehousing of goods for manufacturing industries	12/12	1.800	97.5	98.0	98.0	-2.1	0.0	0.0	0.3	-0.1
Transportation and warehousing of goods for nonmanufacturing industries	12/12	10.533	106.7	106.1	106.3	-0.8	0.2	0.3	0.3	0.3
Services less trade, transportation, and warehousing for intermediate demand		69.010	110.4	111.0	111.1	2.8	0.1	-0.4	0.8	0.2
Services less trade, transportation, and warehousing for manufacturing industries		2.215	103.9	104.3	104.3	1.4	0.0	0.1	0.3	0.0
Services less trade, transportation, and warehousing for nonmanufacturing industries		66.795	110.6	111.2	111.3	2.9	0.1	-0.4	0.8	0.2
Construction										
Construction for intermediate demand		100.000	110.9	111.1	111.4	0.9	0.3	0.2	-0.1	0.4
Special groupings										
Processed materials less foods and feeds	00/82	91.924	178.2	183.1	183.4	-3.7	0.2	0.8	0.9	0.2
Processed foods and feeds	00/82	8.076	186.4	193.3	193.3	-4.2	0.0	1.1	1.7	0.0
Processed energy goods	00/82	16.407	142.0	158.4	160.1	-11.4	1.1	2.7	4.0	0.8
Processed materials less energy	00/82	83.593	185.6	187.8	187.8	-1.9	0.0	0.5	0.3	0.1
Processed materials less foods and energy	00/82	75.517	185.3	186.9	186.9	-1.7	0.0	0.5	0.2	0.1
Intermediate distributive services[5]	04/10	29.925	112.4	112.8	113.2	-1.0	0.4	0.2	0.7	0.4
Processed goods plus intermediate distributive services	04/10	–	101.3	103.5	103.7	-3.0	0.2	0.7	0.9	0.3
Unprocessed materials less agricultural products	00/82	50.788	152.5	176.5	181.4	-5.6	2.8	2.2	4.4	3.1

See footnotes at end of table.

Table 2. Producer price indexes and percent changes for intermediate demand by commodity type[1] — Continued

[Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2015[2]	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[3]	June 2016[3]	July 2016[3]	July 2015	June 2016	Apr. to May	May to June	June to July
Unprocessed energy materials[6]	00/82	29.458	106.7	131.1	137.0	-8.0	4.5	0.9	8.5	5.0
Unprocessed materials less energy	00/82	70.542	197.6	202.9	197.7	-9.0	-2.6	1.5	0.1	-2.6
Unprocessed nonfood materials less energy[7]	00/82	24.805	276.9	296.7	294.9	-2.7	-0.6	4.2	-0.3	-0.8

[1] Further information about the Final Demand-Intermediate Demand Aggregation system is available online at http://www.bls.gov/ppi/fdidaggregation.htm

[2] Comprehensive relative importance figures are initially computed after the publication of December indexes and are recalculated after final December indexes are available. Individual items and subtotals may not add exactly to totals because of rounding differences.

[3] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

[4] Trade indexes measure changes in margins received by wholesalers and retailers.

[5] Includes intermediate trade, transportation, and warehousing services.

[6] Includes crude petroleum.

[7] Excludes crude petroleum.

"-" Data not available.

Table 3. Producer price indexes and percent changes for intermediate demand by production flow[1]

[Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2015[2]	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[3]	June 2016[3]	July 2016[3]	July 2015	June 2016	Apr. to May	May to June	June to July
Stage 4										
Stage 4 intermediate demand		100.000	109.0	110.3	110.3	-0.5	0.0	0.1	0.7	0.0
Inputs to stage 4 goods producers		30.212	106.6	107.8	107.8	-1.6	0.0	0.2	0.7	-0.1
Goods		23.593	105.4	106.8	106.7	-1.9	-0.1	0.4	0.5	-0.1
Foods		2.529	108.9	113.6	110.6	-4.7	-2.6	1.1	2.3	-2.6
Energy		1.554	93.4	100.2	102.8	-7.1	2.6	0.0	2.8	1.8
Goods excluding foods and energy		19.510	105.9	106.4	106.4	-1.0	0.0	0.2	0.1	0.1
Services		6.619	110.6	111.2	111.1	-0.5	-0.1	0.0	1.0	0.0
Trade services		5.211	112.5	113.1	113.1	-0.8	0.0	-0.1	1.2	0.0
Transportation and warehousing services		0.244	112.6	112.1	112.0	-2.9	-0.1	-1.0	0.8	-0.1
Transportation of passengers		0.076	114.4	112.6	112.7	-3.9	0.1	-2.6	2.4	0.1
Transportation and warehousing of goods		0.168	111.9	112.0	111.8	-2.4	-0.2	-0.3	0.2	-0.2
Services less trade, transportation, and warehousing		1.164	104.6	105.2	105.1	1.4	-0.1	0.1	0.4	0.0
Inputs to stage 4 services producers		48.574	111.4	112.5	112.6	0.5	0.1	-0.2	0.6	0.1
Goods		14.208	108.6	110.8	110.7	-1.7	-0.1	-0.1	0.7	-0.2
Foods		2.803	116.8	118.6	118.0	-4.1	-0.5	-0.7	0.9	-0.3
Energy		2.484	97.1	104.9	105.2	-5.5	0.3	0.1	2.7	-0.4
Goods excluding foods and energy		8.921	111.9	112.3	112.4	0.4	0.1	0.1	0.1	0.0
Services		34.230	112.3	112.9	113.0	1.4	0.1	-0.3	0.7	0.1
Trade services		3.680	109.2	109.3	110.3	-2.6	0.9	0.1	-0.2	0.9
Transportation and warehousing services		2.427	115.3	114.3	114.3	-1.7	0.0	-0.4	0.7	0.1
Transportation of passengers		0.321	114.3	112.4	112.6	-3.9	0.2	-2.6	2.4	0.1
Transportation and warehousing of goods		2.106	115.8	114.9	114.9	-1.3	0.0	0.0	0.4	0.1
Services less trade, transportation, and warehousing		28.123	112.1	112.9	112.9	2.3	0.0	-0.3	0.8	0.0
Construction		0.136	110.9	111.1	111.4	0.9	0.3	0.2	-0.1	0.4
Inputs to stage 4 construction producers		21.213	106.5	108.5	108.7	-1.1	0.2	0.7	0.9	0.2
Goods		14.899	105.7	108.0	108.2	-2.0	0.2	0.9	0.8	0.2
Energy		1.060	57.4	73.3	72.5	-22.8	-1.1	12.0	8.7	-1.0
Goods excluding foods and energy		13.839	113.0	113.6	113.8	0.3	0.2	0.2	0.2	0.4
Services		6.314	108.3	109.4	109.6	0.9	0.2	0.4	1.1	0.1
Trade services		3.317	108.1	110.1	110.3	0.3	0.2	0.7	1.7	0.0
Transportation and warehousing services		0.933	111.3	111.2	111.2	-2.3	0.0	-0.4	0.2	-0.1
Transportation of passengers		0.036	114.6	112.9	113.1	-3.2	0.2	-2.3	2.0	0.1
Transportation and warehousing of goods		0.897	111.1	111.2	111.1	-2.3	-0.1	-0.3	0.1	-0.1
Services less trade, transportation, and warehousing		2.064	109.0	109.4	109.8	3.7	0.4	0.0	0.6	0.4
Stage 3										
Stage 3 intermediate demand		100.000	106.5	108.3	108.1	-3.9	-0.2	0.4	0.9	0.0
Inputs to stage 3 goods producers		48.776	110.4	110.8	110.7	-5.7	-0.1	0.1	0.2	0.1
Goods		39.607	108.8	109.2	108.9	-6.7	-0.3	0.1	0.2	0.0
Foods		11.521	128.8	125.2	123.9	-12.1	-1.0	-1.8	-0.7	-0.2
Energy		2.099	75.2	82.4	84.7	-15.2	2.8	2.0	4.8	2.3
Goods excluding foods and energy		25.987	105.8	107.1	106.9	-3.2	-0.2	0.9	0.3	-0.2
Services		9.108	110.0	110.0	110.8	-1.4	0.7	-0.1	0.5	0.6
Trade services		7.401	109.4	109.2	110.2	-1.7	0.9	-0.1	0.4	0.9
Transportation and warehousing services		0.597	110.3	111.2	111.7	-2.4	0.4	-0.5	0.7	0.4
Transportation of passengers		0.029	115.4	113.9	114.0	-3.0	0.1	-2.1	1.9	0.1
Transportation and warehousing of goods		0.568	110.0	111.0	111.5	-2.3	0.5	-0.4	0.7	0.4
Services less trade, transportation, and warehousing		1.110	107.1	107.6	107.6	1.0	0.0	0.3	0.5	-0.4
Construction		0.061	110.9	111.1	111.4	0.9	0.3	0.2	-0.1	0.4
Inputs to stage 3 services producers		49.462	104.2	107.2	106.9	-1.8	-0.3	0.5	1.6	-0.2
Goods		9.899	79.1	90.3	88.5	-14.7	-2.0	3.0	5.4	-1.7
Foods		0.002	127.1	124.4	127.0	-4.7	2.1	-1.6	-0.7	2.6
Energy		6.120	66.9	82.8	80.2	-21.1	-3.1	4.8	8.8	-2.8
Goods excluding foods and energy		3.777	105.8	106.0	106.1	-0.7	0.1	0.1	0.0	0.1
Services		38.561	111.8	112.1	112.3	2.1	0.2	-0.2	0.8	0.2
Trade services		2.572	122.0	125.2	125.6	0.1	0.3	1.5	2.0	0.3
Transportation and warehousing services		9.266	124.1	123.4	123.7	-0.6	0.2	0.3	0.3	0.3
Transportation of passengers		0.031	114.8	113.2	113.3	-3.3	0.1	-2.3	2.1	0.1
Transportation and warehousing of goods		9.235	124.3	123.6	124.0	-0.5	0.3	0.3	0.3	0.4
Services less trade, transportation, and warehousing		26.723	109.0	109.3	109.5	3.2	0.2	-0.5	0.8	0.1
Construction		1.002	110.9	111.1	111.4	0.9	0.3	0.2	-0.1	0.4
Inputs to stage 3 construction producers		1.762	85.0	92.9	93.4	-7.5	0.5	5.7	3.0	0.5
Goods		1.319	75.0	83.9	84.6	-9.8	0.8	7.5	3.4	0.8
Energy		0.539	49.1	63.4	64.5	-19.7	1.7	18.6	7.6	1.8
Goods excluding foods and energy		0.780	115.0	115.9	116.1	0.3	0.2	0.3	0.2	0.2
Services		0.443	114.4	116.8	116.6	0.4	-0.2	0.9	1.7	-0.3
Trade services		0.402	115.5	118.1	117.9	0.4	-0.2	1.0	1.7	-0.3
Transportation and warehousing services		0.001	114.4	112.6	112.7	-3.9	0.1	-2.6	2.4	0.1

See footnotes at end of table.

Table 3. Producer price indexes and percent changes for intermediate demand by production flow[1] — Continued

[Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2015[2]	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[3]	June 2016[3]	July 2016[3]	July 2015	June 2016	Apr. to May	May to June	June to July
Transportation of passengers		0.001	114.4	112.6	112.7	-3.9	0.1	-2.6	2.4	0.1
Services less trade, transportation, and warehousing		0.040	103.9	104.2	104.5	0.7	0.3	0.3	0.8	0.2
Stage 2										
Stage 2 intermediate demand		100.000	95.6	99.1	99.7	-0.6	0.6	0.7	1.5	0.7
Inputs to stage 2 goods producers		41.425	81.7	88.4	89.5	-4.1	1.2	1.8	2.8	1.3
Goods		34.835	76.3	83.7	84.9	-4.8	1.4	2.0	3.3	1.3
Foods		4.078	108.4	123.7	118.9	-1.7	-3.9	6.6	5.2	-6.6
Energy		9.603	45.2	56.7	60.0	-9.1	5.8	1.8	8.8	6.0
Goods excluding foods and energy		21.154	101.8	104.0	104.4	-2.9	0.4	1.5	0.2	0.7
Services		6.143	112.2	112.8	113.0	0.4	0.2	-0.2	0.6	0.1
Trade services		0.428	110.7	114.9	115.2	1.5	0.3	-0.1	3.1	0.3
Transportation and warehousing services		3.436	130.9	131.2	131.2	-1.8	0.0	-0.2	0.3	-0.1
Transportation of passengers		0.253	114.8	113.0	113.2	-3.6	0.2	-2.5	2.3	0.0
Transportation and warehousing of goods		3.183	131.0	131.5	131.5	-1.6	0.0	-0.1	0.2	-0.1
Services less trade, transportation, and warehousing		2.279	100.6	101.0	101.3	3.4	0.3	0.0	0.4	0.3
Construction		0.447	110.9	111.1	111.4	0.9	0.3	0.2	-0.1	0.4
Inputs to stage 2 services producers		58.573	109.0	109.5	109.8	2.2	0.3	-0.1	0.6	0.5
Goods		5.651	103.1	104.5	104.4	-1.4	-0.1	0.4	0.5	0.0
Foods		0.071	88.2	97.2	82.8	-17.9	-14.8	3.9	7.5	-16.2
Energy		0.339	79.2	90.9	89.8	-13.9	-1.2	6.1	5.2	-0.9
Goods excluding foods and energy		5.241	105.3	105.7	105.9	-0.1	0.2	0.1	0.1	0.2
Services		51.502	109.5	110.0	110.3	2.7	0.3	-0.1	0.6	0.5
Trade services		1.255	113.1	116.0	115.5	0.6	-0.4	0.8	1.4	-0.8
Transportation and warehousing services		7.475	115.1	114.2	114.4	-1.0	0.2	0.0	0.5	0.4
Transportation of passengers		0.926	114.5	112.7	112.9	-3.8	0.2	-2.5	2.3	0.1
Transportation and warehousing of goods		6.549	115.9	115.0	115.3	-0.5	0.3	0.4	0.3	0.3
Services less trade, transportation, and warehousing		42.772	109.2	109.8	110.2	3.5	0.4	-0.2	0.6	0.6
Construction		1.420	110.9	111.1	111.4	0.9	0.3	0.2	-0.1	0.4
Stage 1										
Stage 1 intermediate demand		100.000	102.2	105.4	105.5	-3.2	0.1	1.0	1.2	0.0
Inputs to stage 1 goods producers		44.912	95.4	99.8	99.7	-5.6	-0.1	1.8	1.0	0.0
Goods		35.157	91.1	96.4	96.0	-6.5	-0.4	2.4	0.9	-0.3
Foods		2.212	105.9	120.8	111.9	-7.1	-7.4	6.9	7.0	-8.2
Energy		5.024	74.2	83.5	86.1	-12.2	3.1	2.3	5.2	3.0
Goods excluding foods and energy		27.921	95.4	99.2	98.8	-5.4	-0.4	2.2	-0.3	-0.3
Services		9.749	111.3	111.8	113.3	-1.9	1.3	-0.8	1.2	1.3
Trade services		7.379	113.3	114.0	116.0	-1.7	1.8	-0.8	1.4	1.8
Transportation and warehousing services		1.433	114.8	115.0	114.6	-3.5	-0.3	-0.6	0.9	-0.3
Transportation of passengers		0.208	114.4	112.5	112.7	-3.9	0.2	-2.6	2.4	0.1
Transportation and warehousing of goods		1.225	114.6	115.2	114.7	-3.4	-0.4	-0.3	0.6	-0.4
Services less trade, transportation, and warehousing		0.937	100.0	100.1	100.0	-1.3	-0.1	-1.3	0.2	-0.1
Construction		0.006	110.9	111.1	111.4	0.9	0.3	0.2	-0.1	0.4
Inputs to stage 1 services producers		46.923	108.7	110.6	110.9	-1.1	0.3	0.2	1.4	0.2
Goods		13.804	94.1	99.2	99.7	-5.9	0.5	2.2	1.7	0.4
Foods		0.124	104.7	86.8	84.7	-58.2	-2.4	-2.3	-13.5	-2.1
Energy		5.325	78.1	89.1	90.2	-11.5	1.2	5.8	4.4	0.8
Goods excluding foods and energy		8.355	110.4	110.8	110.9	-0.2	0.1	0.1	0.2	0.1
Services		33.115	115.7	116.1	116.3	1.1	0.2	-0.6	1.2	0.0
Trade services		4.167	110.5	112.6	113.0	-0.4	0.4	1.0	1.4	0.4
Transportation and warehousing services		2.424	122.9	121.6	121.8	-2.6	0.2	-1.3	1.4	0.1
Transportation of passengers		1.478	114.3	112.5	112.7	-3.8	0.2	-2.5	2.4	0.0
Transportation and warehousing of goods		0.946	126.6	126.5	126.8	-0.3	0.2	0.8	-0.3	0.2
Services less trade, transportation, and warehousing		26.524	116.0	116.3	116.4	1.7	0.1	-0.8	1.2	-0.1
Construction		0.004	110.9	111.1	111.4	0.9	0.3	0.2	-0.1	0.4
Inputs to stage 1 construction producers		8.164	107.7	109.7	109.7	-1.6	0.0	0.7	1.0	0.0
Goods		5.686	105.7	107.9	107.9	-2.3	0.0	0.7	0.9	0.0
Energy		0.422	61.7	77.3	75.6	-24.0	-2.2	7.7	9.2	-2.3
Goods excluding foods and energy		5.264	112.8	113.3	113.5	0.2	0.2	0.2	0.3	0.2
Services		2.478	111.7	113.5	113.4	0.0	-0.1	0.6	1.4	-0.3
Trade services		1.805	111.7	113.9	113.8	-0.2	-0.1	0.9	1.8	-0.3
Transportation and warehousing services		0.099	106.8	107.9	106.8	-5.4	-1.0	-1.0	2.1	-1.0
Transportation of passengers		0.022	114.4	112.6	112.7	-3.9	0.1	-2.6	2.4	0.1
Transportation and warehousing of goods		0.077	105.6	107.4	106.0	-5.9	-1.3	-0.7	2.1	-1.3
Services less trade, transportation, and warehousing		0.574	110.8	111.0	111.1	1.6	0.1	0.1	0.1	0.1
Special groupings										
Total goods inputs to stage 4 intermediate demand	04/10	52.700	103.7	105.5	105.5	-1.9	0.0	0.4	0.7	-0.1

See footnotes at end of table.

Table 3. Producer price indexes and percent changes for intermediate demand by production flow[1] — Continued

[Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2015[2]	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[3]	June 2016[3]	July 2016[3]	July 2015	June 2016	Apr. to May	May to June	June to July
Total services inputs to stage 4 intermediate demand	04/10	47.163	111.0	111.6	111.8	1.2	0.2	-0.2	0.8	0.1
Total construction inputs to stage 4 intermediate demand	04/10	0.136	110.0	110.2	110.5	0.9	0.3	0.2	0.0	0.4
Total foods inputs to stage 4 intermediate demand	04/10	5.332	109.9	113.1	111.3	-4.4	-1.6	0.1	1.5	-1.3
Total energy goods inputs to stage 4 intermediate demand	04/10	5.098	78.2	87.7	88.3	-10.7	0.7	2.6	4.2	0.0
Total goods less foods and energy inputs to stage 4 intermediate demand	04/10	42.270	107.5	108.0	108.1	-0.3	0.1	0.2	0.1	0.1
Total goods inputs to stage 3 intermediate demand	04/10	50.825	95.5	98.6	97.9	-8.6	-0.7	0.8	1.2	-0.3
Total services inputs to stage 3 intermediate demand	04/10	48.112	110.2	110.4	110.8	1.5	0.4	-0.1	0.7	0.3
Total construction inputs to stage 3 intermediate demand	04/10	1.063	110.0	110.2	110.5	0.9	0.3	0.2	0.0	0.4
Total foods inputs to stage 3 intermediate demand	04/10	11.523	114.7	111.5	110.3	-12.2	-1.1	-1.7	-0.8	-0.2
Total energy goods inputs to stage 3 intermediate demand	04/10	8.758	64.2	77.7	76.5	-19.7	-1.5	5.2	7.8	-1.3
Total goods less foods and energy inputs to stage 3 intermediate demand	04/10	30.544	101.3	102.4	102.2	-2.8	-0.2	0.7	0.3	-0.2
Total goods inputs to stage 2 intermediate demand	04/10	40.486	75.5	81.9	82.9	-4.4	1.2	1.9	2.9	1.1
Total services inputs to stage 2 intermediate demand	04/10	57.645	110.5	111.0	111.3	2.5	0.3	-0.1	0.6	0.5
Total construction inputs to stage 2 intermediate demand	04/10	1.867	110.0	110.2	110.5	0.9	0.3	0.2	0.0	0.4
Total foods inputs to stage 2 intermediate demand	04/10	4.149	108.8	124.1	119.1	-2.0	-4.0	6.6	5.2	-6.7
Total energy goods inputs to stage 2 intermediate demand	04/10	9.942	44.7	55.9	59.0	-9.2	5.5	1.8	8.8	5.7
Total goods less foods and energy inputs to stage 2 intermediate demand	04/10	26.395	96.6	98.4	98.7	-2.4	0.3	1.2	0.2	0.5
Total goods inputs to stage 1 intermediate demand	04/10	54.647	83.7	88.1	88.0	-6.0	-0.1	2.2	1.2	-0.1
Total services inputs to stage 1 intermediate demand	04/10	45.342	113.5	114.0	114.5	0.4	0.4	-0.6	1.2	0.3
Total construction inputs to stage 1 intermediate demand	04/10	0.010	110.0	110.2	110.5	0.9	0.3	0.2	0.0	0.4
Total foods inputs to stage 1 intermediate demand	04/10	2.336	99.8	112.4	104.3	-10.9	-7.2	6.5	6.1	-8.1
Total energy goods inputs to stage 1 intermediate demand	04/10	10.771	72.5	82.5	84.1	-12.4	1.9	4.2	5.1	1.7
Total goods less foods and energy inputs to stage 1 intermediate demand	04/10	41.540	84.7	87.1	86.9	-3.7	-0.2	1.4	-0.1	-0.1

[1] Further information about the Final Demand-Intermediate Demand Aggregation system is available online at http://www.bls.gov/ppi/fdidaggregation.htm

[2] Comprehensive relative importance figures are initially computed after the publication of December indexes and are recalculated after final December indexes are available. Individual items and subtotals may not add exactly to totals because of rounding differences.

[3] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

"-" Data not available.

Table 4. Producer price indexes and percent changes for selected commodity groupings by final demand category[1]

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Final demand		11/09	109.7	110.9	110.6	-0.2	-0.3	0.4	0.5	-0.4
Final demand goods		11/09	106.1	108.7	108.3	-2.3	-0.4	0.7	0.8	-0.4
Final demand foods		11/09	115.1	117.1	115.9	-2.6	-1.0	0.3	0.9	-1.1
Fresh fruits and melons	01-11		132.3	135.8	127.1	14.7	-6.4	-2.5	1.9	-4.9
Fresh and dry vegetables[3]	01-13		200.1	205.3	200.3	6.8	-2.4	10.2	-2.9	-2.4
Grains	01-2		142.6	159.9	132.8	-19.5	-16.9	4.6	8.7	-18.7
Eggs for fresh use	01-71-07	12/91	135.3	72.2	110.2	-55.0	52.6	7.4	-25.9	43.3
Oilseeds	01-83-01		164.6	211.8	201.6	4.0	-4.8	14.8	5.8	-11.5
Bakery products[3]	02-11		279.2	278.2	278.6	1.4	0.1	-0.1	-0.2	0.1
Milled rice[3]	02-13		195.9	189.8	189.5	-3.8	-0.2	-0.1	0.3	-0.2
Pasta products[3]	02-14-02	06/85	210.3	206.6	205.5	-6.0	-0.5	-0.8	-1.2	-0.5
Beef and veal	02-21-01		212.6	229.2	202.4	-19.4	-11.7	-5.2	7.5	-9.8
Pork	02-21-04		137.2	146.6	150.2	3.6	2.5	1.6	2.4	-0.7
Processed young chickens	02-22-03		163.6	171.7	169.0	-1.6	-1.6	2.4	0.7	-0.7
Processed turkeys	02-22-06		151.2	142.2	142.8	-12.8	0.4	-0.4	-2.8	-0.8
Finfish and shellfish	02-23		334.6	325.3	329.9	1.0	1.4	-2.4	4.3	-2.8
Dairy products	02-3		186.6	184.8	189.3	-1.9	2.4	-1.3	-0.1	2.3
Processed fruits and vegetables[3]	02-4		197.4	198.2	199.1	0.5	0.5	0.7	0.1	0.5
Confectionery end products[3]	02-55		280.2	281.7	281.5	-0.7	-0.1	-0.3	0.1	-0.1
Soft drinks[3]	02-62		207.9	205.4	205.5	4.8	0.0	-1.2	0.9	0.0
Roasted coffee[3]	02-63-01		199.3	194.6	194.8	-4.9	0.1	-0.5	-1.3	0.1
Shortening and cooking oils	02-78		237.4	246.3	244.1	-1.0	-0.9	0.0	2.7	-1.8
Frozen specialty food[3]	02-85		188.1	188.8	186.1	-1.6	-1.4	-0.5	0.9	-1.4
Final demand energy		11/09	84.3	94.7	94.1	-11.7	-0.6	2.8	4.1	-1.0
Liquefied petroleum gas[3]	05-32		91.9	107.1	100.8	0.3	-5.9	15.5	2.0	-5.9
Residential electric power	05-41	12/90	170.5	175.1	176.1	-0.3	0.6	-0.6	0.5	0.1
Residential natural gas	05-51	12/90	173.6	174.9	185.2	0.8	5.9	1.9	-0.7	4.1
Gasoline	05-71		123.4	167.0	155.1	-27.9	-7.1	6.6	9.9	-6.6
Home heating oil and distillates	05-73-02		98.1	135.5	138.5	-19.6	2.2	18.7	17.0	1.3
No. 2 diesel fuel	05-73-03		119.4	153.6	157.5	-18.8	2.5	20.0	7.4	2.6
Final demand goods less foods and energy		11/09	110.2	110.7	110.6	0.4	-0.1	0.3	0.0	0.0
Alcoholic beverages	02-61		193.1	193.3	193.6	0.5	0.2	0.1	0.1	0.3
Pet food[3]	02-94-02		254.4	259.3	259.1	2.0	-0.1	-1.1	0.0	-0.1
Women's, girls', and infants' apparel[3]	03-81-06	12/03	106.0	105.2	105.8	0.7	0.6	0.0	-0.8	0.6
Men's and boys' apparel[3]	03-81-07	12/03	113.1	113.1	113.2	-0.1	0.1	0.2	-0.1	0.1
Textile housefurnishings[3]	03-82		163.6	164.1	164.1	0.6	0.0	0.1	0.1	0.0
Footwear[3]	04-3		199.6	199.7	200.4	1.5	0.4	0.0	-0.2	0.4
Industrial chemicals	06-1		221.4	227.9	223.2	-11.3	-2.1	1.2	1.0	-1.8
Pharmaceutical preparations	06-38	06/01	228.6	229.5	229.6	6.2	0.0	0.0	0.0	-0.3
Soaps and detergents[3]	06-71		176.7	176.4	176.7	0.4	0.2	0.0	0.0	0.2
Cleaning and polishing products[3]	06-72	06/83	175.4	175.8	175.9	-0.2	0.1	-0.5	0.1	0.1
Cosmetics and other toiletries[3]	06-75		162.1	162.2	162.3	0.2	0.1	0.1	0.0	0.1
Tires[3]	07-12-01		144.0	143.9	142.7	-2.8	-0.8	0.0	0.0	-0.8
Consumer, institutional, and commercial products, n.e.c.[3]	07-2B	12/06	127.8	127.6	127.6	-0.9	0.0	0.1	-0.2	0.0
Sanitary paper products[3]	09-15-01		182.1	182.2	182.0	-0.1	-0.1	0.3	-0.2	-0.1
Agricultural machinery and equipment[3]	11-1		223.7	223.6	223.6	0.9	0.0	0.0	0.0	0.0
Construction machinery and equipment	11-2		218.7	219.1	219.1	0.9	0.0	0.3	0.0	0.0
Metal cutting machine tools[3]	11-37		199.3	200.1	198.8	0.2	-0.6	0.0	0.5	-0.6
Metal forming machine tools[3]	11-38		221.9	222.1	222.0	0.1	0.0	1.3	-1.2	0.0
Tools, dies, jigs, fixtures, and industrial molds[3]	11-39		149.9	151.2	149.8	-0.6	-0.9	-0.1	1.1	-0.9
Pumps, compressors, and equipment	11-41		247.2	247.3	247.2	0.9	0.0	0.0	0.1	0.1
Industrial material handling equipment[3]	11-44		208.7	209.1	209.1	0.7	0.0	0.0	0.0	0.0
Electronic computers and computer equipment[3]	11-5	12/98	27.8	28.0	28.0	-3.4	0.0	1.1	-0.4	0.0
Textile machinery and equipment[3]	11-62		175.6	171.4	171.4	-2.7	0.0	0.0	-2.1	0.0
Paper industries machinery[3]	11-64	06/82	220.1	220.7	220.6	2.0	0.0	0.2	0.0	0.0
Printing trades machinery and equipment[3]	11-65		163.6	163.8	164.1	1.4	0.2	-1.0	0.6	0.2
Transformers and power regulators[3]	11-74		207.5	207.4	208.1	-2.5	0.3	0.3	0.1	0.3
Communication and related equipment	11-76	12/85	109.3	109.2	109.4	0.4	0.2	0.1	0.0	0.2
Electronic components and accessories	11-78		67.4	67.3	67.2	-1.5	-0.1	0.1	-0.4	0.0
X-ray and electromedical equipment[3]	11-79-05		87.2	86.8	87.0	-0.2	0.2	-0.3	-0.2	0.2
Oil field and gas field machinery[3]	11-91		215.4	215.2	215.2	-0.4	0.0	-0.1	0.0	0.0
Mining machinery and equipment[3]	11-92		263.7	263.2	263.8	1.0	0.2	-0.3	0.1	0.2
Office and store machines and equipment[3]	11-93		123.0	123.0	123.0	0.2	0.0	0.0	0.0	0.0
Household furniture	12-1		205.2	205.4	205.3	0.8	0.0	0.0	0.1	0.0
Commercial furniture[3]	12-2		213.7	213.2	213.7	0.3	0.2	0.0	-0.3	0.2
Floor coverings[3]	12-3		188.0	185.8	185.9	-0.8	0.1	-1.3	0.4	0.1
Household appliances[3]	12-4		116.2	115.1	115.4	-0.9	0.3	-0.3	-0.3	0.3

See footnotes at end of table.

Table 4. Producer price indexes and percent changes for selected commodity groupings by final demand category[1] — Continued

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Home electronic equipment[3]	12-5		51.4	51.6	51.6	0.4	0.0	0.0	0.4	0.0
Silverware and hollowware[3]	12-6A	12/11	99.3	99.3	102.6	3.7	3.3	0.0	0.0	3.3
Lawn and garden equipment excl. garden tractors[3]	12-66		143.0	144.1	144.1	0.2	0.0	0.0	0.3	0.0
Passenger cars	14-11-01		133.4	133.4	132.4	-0.2	-0.7	1.0	-0.1	-0.7
Light motor trucks	14-11-05		172.7	171.6	169.8	-0.8	-1.0	0.2	0.3	-0.9
Heavy motor trucks[3]	14-11-06		221.7	221.8	221.6	1.4	-0.1	0.1	-0.4	-0.1
Motor vehicles parts[3]	14-12		124.8	124.8	124.8	-0.7	0.0	0.0	-0.2	0.0
Truck trailers[3]	14-14		202.7	200.6	201.9	0.0	0.6	0.0	0.0	0.6
Travel trailers and campers[3]	14-16	06/84	195.4	195.8	195.7	1.4	-0.1	0.1	0.1	-0.1
Aircraft	14-21		291.9	292.7	292.8	0.7	0.0	0.2	0.1	0.0
Ships[3]	14-31	12/85	224.7	223.7	223.8	-0.9	0.0	0.2	-0.3	0.0
Railroad equipment[3]	14-4		203.3	203.5	203.5	0.9	0.0	0.1	0.0	0.0
Toys, games, and children's vehicles[3]	15-11		155.9	156.2	156.2	0.1	0.0	0.1	0.1	0.0
Sporting and athletic goods[3]	15-12		141.2	141.2	141.2	2.2	0.0	0.0	-0.4	0.0
Cigarettes[3]	15-21		911.4	935.2	940.7	5.7	0.6	0.0	2.6	0.6
Mobile homes[3]	15-5		271.6	272.3	272.7	1.1	0.1	0.0	0.2	0.1
Medical, surgical & personal aid devices	15-6		177.1	177.2	177.2	0.5	0.0	0.2	-0.3	-0.1
Jewelry, platinum and karat gold[3]	15-94-02		223.6	227.0	228.0	5.3	0.4	0.6	0.7	0.4
Costume jewelry and novelties[3]	15-94-04		179.6	179.6	179.6	1.5	0.0	0.1	0.0	0.0
Final demand services		11/09	111.2	111.7	111.5	1.0	-0.2	0.2	0.4	-0.3
Final demand trade services[4]		11/09	113.0	114.3	112.8	0.7	-1.3	1.2	0.7	-1.3
Machinery and equipment wholesaling[3]	57-11-01	03/09	119.0	120.4	117.7	6.9	-2.2	3.6	0.3	-2.2
Furnishings wholesaling[3]	57-2	03/09	92.4	92.4	92.9	2.9	0.5	2.8	-1.8	0.5
Chemicals and allied products wholesaling[3]	57-5	03/09	101.8	99.8	104.7	-9.3	4.9	-0.2	-3.6	4.9
Paper and plastics products wholesaling[3]	57-6	03/09	116.1	115.7	116.1	-3.7	0.3	0.3	-0.5	0.3
Apparel wholesaling[3]	57-7	03/09	116.8	117.6	118.0	-0.3	0.3	-0.4	-0.1	0.3
Food and alcohol wholesaling[3]	57-8	06/09	108.2	105.9	105.6	-0.2	-0.3	0.4	-1.7	-0.3
Food and alcohol retailing	58-1	03/09	129.9	130.7	129.1	1.7	-1.2	-1.7	-0.2	-1.2
Health, beauty, and optical goods retailing[3]	58-2	03/09	118.9	118.5	115.8	-4.1	-2.3	-0.9	1.6	-2.3
Apparel, jewelry, footwear, and accessories retailing	58-3	06/09	116.1	112.1	105.8	-4.9	-5.6	4.7	-1.6	-6.0
Computer hardware, software, and supplies retailing[3]	58-4	03/09	97.7	92.9	93.6	-9.8	0.8	-2.1	-4.4	0.8
TV, video, and photographic equipment and supplies retailing[3]	58-5	03/09	49.6	52.5	51.4	-30.5	-2.1	-0.6	13.6	-2.1
Automobiles and automobile parts retailing[3]	58-6	06/09	97.0	96.6	94.7	-6.1	-2.0	-2.2	0.4	-2.0
Manufactured (mobile) homes retailing[3]	58-7	03/09	102.2	103.5	103.5	2.0	0.0	-0.2	0.9	0.0
RVs, trailers, and campers retailing[3]	58-8	03/09	110.2	109.1	113.2	0.8	3.8	-4.4	-0.1	3.8
Sporting goods, including boats, retailing[3]	58-9	03/09	111.5	108.3	112.1	2.9	3.5	1.8	-4.9	3.5
Lawn, garden, and farm equipment and supplies retailing[3]	58-A	03/09	105.3	106.0	105.2	0.7	-0.8	1.6	-0.1	-0.8
Furniture retailing[3]	58-B	03/09	104.6	101.7	103.9	2.4	2.2	-1.3	-2.2	2.2
Flooring and floor coverings retailing[3]	58-C	03/09	104.2	108.0	106.9	7.8	-1.0	4.4	-1.5	-1.0
Hardware, building materials, and supplies retailing	58-D	03/09	112.4	116.2	115.3	1.5	-0.8	0.9	2.3	-1.3
Major household appliances retailing	58-E	03/09	79.8	83.2	78.8	-7.4	-5.3	2.9	17.3	-2.4
Fuels and lubricants retailing[3]	58-F	06/09	126.0	167.8	164.6	24.2	-1.9	-2.5	22.8	-1.9
Cleaning supplies and paper products retailing[3]	58-G	03/09	147.3	156.4	157.1	9.8	0.4	-3.5	8.5	0.4
Book retailing[3]	58-H	03/09	108.6	113.3	108.6	3.4	-4.1	-1.1	1.7	-4.1
Final demand transportation and warehousing services		11/09	114.2	113.6	113.7	-2.3	0.1	-0.6	0.5	0.1
Rail transportation of freight and mail	30-11	12/08	112.2	113.3	113.9	-2.2	0.5	-0.4	0.7	0.4
Truck transportation of freight	30-12	06/09	111.9	111.7	111.7	-1.9	0.0	-0.3	-0.3	0.2
Air transportation of freight[3]	30-14	12/08	111.9	112.0	111.9	1.2	-0.1	3.2	-1.5	-0.1
Courier, messenger, and U.S. postal services	30-16	06/09	132.8	131.1	131.5	-0.5	0.3	0.5	0.2	0.6
Rail transportation of passengers[3]	30-21	12/08	116.8	116.8	116.8	1.7	0.0	0.0	0.0	0.0
Airline passenger services	30-22	12/08	112.5	110.6	110.8	-3.9	0.2	-2.6	2.4	0.1
Final demand services less trade, transportation, and warehousing		11/09	110.2	110.4	110.6	1.5	0.2	-0.2	0.4	0.2
Sales of books[3]	33-11		371.5	370.1	371.2	1.5	0.3	-0.5	0.4	0.3
Sales and subscriptions of periodicals and newspapers[3]	33-12	06/09	111.7	111.4	111.6	2.0	0.2	0.2	0.0	0.2
Application software publishing[3]	34-2	06/09	98.6	98.3	97.7	0.1	-0.6	-2.0	-1.3	-0.6
Advertising space sales in periodicals, newspapers, directories, and mailing lists	36-1	06/09	106.3	106.1	106.0	-0.3	-0.1	-0.4	-0.4	-0.2
Residential wired telecommunication services	37-11	06/09	129.7	130.0	132.0	4.8	1.5	0.0	-0.2	1.1
Cellular phone and other wireless telecommunication services	37-21	03/09	72.6	72.3	71.8	-7.5	-0.7	0.0	0.0	-0.6
Cable and satellite subscriber services	37-3	12/08	118.0	118.6	118.6	5.0	0.0	0.1	3.0	0.1
Internet access services[3]	37-4	03/09	97.7	97.9	97.9	-0.6	0.0	0.0	0.1	0.0
Bundled wired telecommunications access services[3]	37-5	12/11	103.9	104.3	104.3	1.8	0.0	0.0	0.1	0.0
Consumer loans (partial)[3]	39-12	06/09	113.9	112.7	111.6	-4.5	-1.0	-2.7	0.1	-1.0
Deposit services (partial)[3]	39-2	04/09	61.8	61.3	62.4	1.3	1.8	-1.1	1.3	1.8
Other credit intermediation, incl. trust services (partial)[3]	39-3	04/09	98.4	98.9	99.3	-1.2	0.4	0.7	-0.1	0.4
Securities brokerage, dealing, investment advice, and related services[3]	40-11	06/09	128.9	130.4	132.9	25.5	1.9	-0.5	3.6	1.9
Portfolio management[3]	40-2	12/08	180.3	188.4	186.7	-0.4	-0.9	0.1	1.6	-0.9

See footnotes at end of table.

Table 4. Producer price indexes and percent changes for selected commodity groupings by final demand category[1] — Continued

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Life insurance[3]	41-11-01	03/09	104.2	104.1	104.1	0.1	0.0	0.0	-0.1	0.0
Disability insurance, including accidental death	41-11-02	03/09	102.5	102.5	102.5	-1.4	0.0	0.0	0.0	0.0
Health and medical insurance	41-11-03	03/09	119.6	119.6	119.7	2.0	0.1	0.5	0.0	0.1
Property and casualty insurance	41-11-04	03/09	114.5	114.8	115.2	2.2	0.3	0.3	0.1	0.3
Annuities[3]	41-2	03/09	112.3	111.9	112.1	1.4	0.2	-0.1	0.0	0.2
Residential property sales and leases, brokerage fees and commissions	43-21	12/08	119.8	121.6	121.5	3.5	-0.1	1.5	-0.5	-0.5
Passenger car rental	44-1	03/09	85.5	88.5	84.9	-12.3	-4.1	3.6	1.2	-13.9
Legal services	45-1	03/09	121.8	122.8	122.5	1.7	-0.2	0.4	0.2	-0.1
Tax preparation and planning	45-21-02	04/09	112.5	110.5	111.4	2.3	0.8	-1.3	1.3	0.4
Architectural and engineering services	45-3	06/09	109.8	110.1	110.1	1.8	0.0	0.1	0.2	0.1
Management, scientific, and technical consulting services[3]	45-4	06/09	105.4	106.1	105.8	0.4	-0.3	0.3	0.4	-0.3
Arrangement of flights (partial)[3]	47-1	06/09	101.2	99.6	100.0	-2.7	0.4	-0.5	-1.4	0.4
Arrangement of vehicle rentals and lodging[3]	47-2	12/08	86.4	84.9	82.6	-2.1	-2.7	-2.9	-4.1	-2.7
Arrangement of cruises and tours[3]	47-3	12/08	106.2	113.5	113.1	4.9	-0.4	-0.1	7.0	-0.4
Physician care	51-11-01	03/09	106.7	106.6	106.8	0.4	0.2	-0.3	0.1	0.1
Medical laboratory and diagnostic imaging care[3]	51-11-02	03/09	97.6	97.6	97.5	-0.5	-0.1	0.0	0.0	-0.1
Home health and hospice care[3]	51-11-03	12/08	106.0	106.0	106.0	1.6	0.0	-0.9	0.0	0.0
Hospital outpatient care	51-11-04	12/08	121.1	121.1	121.1	0.7	0.0	0.2	-0.1	0.2
Dental care	51-11-05	06/10	110.9	111.2	111.5	2.1	0.3	0.4	0.1	0.4
Hospital inpatient care	51-21-01	12/08	120.2	120.2	120.4	1.4	0.2	0.3	0.1	0.0
Nursing home care	51-21-02	12/08	114.8	114.9	116.1	3.2	1.0	0.3	0.2	0.9
Computer training school services[3]	52-1	12/08	103.2	103.4	109.0	5.5	5.4	0.2	0.0	5.4
Traveler accommodation services	53-11	06/09	114.6	113.7	119.3	0.0	4.9	-3.8	3.0	3.9
Food and beverages for immediate consumption services (partial)	54-1	06/09	115.5	115.9	116.1	1.5	0.2	0.1	0.1	-0.1
Motor vehicle repair and maintenance (partial)	55-2	12/08	126.3	126.5	126.6	1.8	0.1	0.2	-0.4	0.2
Membership dues and admissions and recreation facility use fees (partial)	56-1	06/09	116.8	119.5	118.3	2.9	-1.0	-0.3	2.2	-0.9
Recreational activity instruction fees (partial)	56-2	12/08	114.4	114.4	114.4	4.5	0.0	0.1	0.3	1.3
Gaming receipts (partial)[3]	56-3	12/08	110.1	108.3	105.6	-0.9	-2.5	-0.9	-0.3	-2.5
Mining services[3]	60-1	06/85	227.0	225.6	225.4	-6.6	-0.1	-1.1	-0.3	-0.1
Final demand construction		11/09	113.3	114.4	113.7	0.8	-0.6	0.1	0.1	-0.6
New warehouse building construction[3]	80-11-01	12/04	141.4	143.0	142.8	1.5	-0.1	0.1	-0.2	-0.1
New school building construction[3]	80-11-02	12/05	150.3	151.9	149.7	0.1	-1.4	0.2	0.1	-1.4
New office building construction[3]	80-11-03	06/06	126.7	128.2	128.1	1.4	-0.1	0.2	0.2	-0.1
New industrial building construction[3]	80-11-04	06/07	119.3	119.4	118.5	-0.4	-0.8	-0.4	-0.1	-0.8
New health care building construction[3]	80-11-05	06/12	105.7	106.6	105.7	0.9	-0.8	0.0	0.2	-0.8

[1] Further information about the Final Demand-Intermediate Demand Aggregation system is available online at http://www.bls.gov/ppi/fdidaggregation.htm

[2] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

[3] Not seasonally adjusted.

[4] Trade indexes measure changes in margins received by wholesalers and retailers.

"-" Data not available.

NOTE: The term "(partial)" denotes incomplete coverage of the index category.

Table 5. Producer price indexes and percent changes for selected commodity groupings of intermediate demand by commodity type category[1]

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Processed goods for intermediate demand			178.8	183.8	184.1	-3.7	0.2	0.8	0.9	0.2
Processed foods and feeds			186.4	193.3	193.3	-4.2	0.0	1.1	1.7	0.0
Meats	02-21		179.7	190.8	182.4	-9.2	-4.4	-1.9	4.0	-4.0
Processed poultry	02-22		157.1	163.1	162.1	-2.3	-0.6	0.8	0.2	0.1
Dairy products	02-3		186.6	184.8	189.3	-1.9	2.4	-1.3	-0.1	2.3
Processed fruits and vegetables[3]	02-4		197.4	198.2	199.1	0.5	0.5	0.7	0.1	0.5
Refined sugar and byproducts[3]	02-53		167.1	165.5	164.9	-3.2	-0.4	-0.8	-0.3	-0.4
Fats and oils[3]	02-7		239.0	248.0	245.6	-1.3	-1.0	0.2	2.6	-1.0
Prepared animal feeds	02-9		178.7	200.1	203.8	4.5	1.8	4.9	4.8	1.0
Processed materials less foods and feeds			178.2	183.1	183.4	-3.7	0.2	0.8	0.9	0.2
Synthetic fibers[3]	03-1		119.0	119.0	118.7	-2.5	-0.3	-0.1	-0.6	-0.3
Processed yarns and threads[3]	03-2		133.6	132.4	132.9	-1.8	0.4	0.1	-0.5	0.4
Finished fabrics[3]	03-4		154.0	154.0	153.3	-0.3	-0.5	0.0	0.1	-0.5
Liquefied petroleum gas[3]	05-32		91.9	107.1	100.8	0.3	-5.9	15.5	2.0	-5.9
Commercial electric power	05-42		189.9	201.0	202.0	-2.0	0.5	-1.2	1.9	-0.4
Industrial electric power	05-43		204.5	219.9	226.1	-4.7	2.8	-0.6	2.5	1.9
Commercial natural gas[3]	05-52	12/90	164.2	162.8	170.4	-1.8	4.7	-1.2	0.9	4.7
Industrial natural gas	05-53	12/90	142.4	139.8	147.9	-3.1	5.8	3.1	0.6	5.4
Natural gas to electric utilities	05-54	12/90	151.8	151.7	157.3	0.1	3.7	1.6	-1.2	4.2
Gasoline	05-71		123.4	167.0	155.1	-27.9	-7.1	6.6	9.9	-6.6
Jet fuel	05-72-03		113.5	150.0	148.8	-20.1	-0.8	12.9	16.0	-0.1
No. 2 diesel fuel	05-73-03		119.4	153.6	157.5	-18.8	2.5	20.0	7.4	2.6
Residual fuels[3]	05-74		70.3	93.0	115.9	-23.3	24.6	5.5	21.1	24.6
Finished lubricants[3]	05-76		379.8	378.5	378.5	-1.9	0.0	0.2	-0.1	0.0
Lubricating oil base stocks[3]	05-78	06/09	73.7	79.0	88.3	-17.6	11.8	5.5	-1.6	11.8
Asphalt	05-81-02	06/85	108.7	150.0	154.1	-28.1	2.7	12.1	19.1	0.4
Basic inorganic chemicals[3]	06-13		256.7	254.4	248.7	-8.0	-2.2	-0.8	0.0	-2.2
Basic organic chemicals	06-14		215.1	223.3	218.9	-11.9	-2.0	1.6	1.2	-1.7
Prepared paint[3]	06-21		271.1	271.8	272.0	-0.4	0.1	0.0	1.0	0.1
Paint materials[3]	06-22		220.8	233.3	215.6	-9.4	-7.6	7.0	-0.2	-7.6
Medicinal and botanical chemicals[3]	06-31		176.4	176.2	176.8	-0.2	0.3	-0.1	0.7	0.3
Biological products, including diagnostics[3]	06-37		260.5	265.8	266.1	2.7	0.1	0.1	-0.1	0.1
Fats and oils, inedible	06-4		205.5	212.6	207.0	-3.2	-2.6	3.2	-1.4	-0.6
Nitrogenates	06-52-01		269.6	270.2	247.1	-20.1	-8.5	-2.2	-1.2	-3.8
Phosphates[3]	06-52-02		197.8	198.9	179.4	-19.6	-9.8	-1.1	0.1	-9.8
Other agricultural chemicals[3]	06-53		185.8	186.1	184.1	-0.6	-1.1	0.0	0.0	-1.1
Plastic resins and materials	06-6		213.5	221.0	221.0	-4.1	0.0	1.8	0.8	1.1
Industrial gases[3]	06-79-03		223.9	227.5	228.9	3.2	0.6	-0.2	1.8	0.6
Adhesives and sealants[3]	06-79-04	12/83	249.0	249.3	249.3	-1.2	0.0	-0.1	0.0	0.0
Synthetic rubber[3]	07-11-02		186.8	193.3	193.5	-3.5	0.1	0.8	0.5	0.1
Tires[3]	07-12-01		144.0	143.9	142.7	-2.8	-0.8	0.0	0.0	-0.8
Plastic construction products[3]	07-21		210.3	212.4	213.1	-0.8	0.3	0.6	0.2	0.3
Unsupported plastic film, sheet, other shapes[3]	07-22		207.7	208.1	208.3	-1.9	0.1	-0.1	0.0	0.1
Parts for manufacturing from plastics[3]	07-26		149.0	148.5	148.5	-0.8	0.0	0.1	0.0	0.0
Plastic packaging products[3]	07-2A	12/06	107.2	108.7	107.3	-2.1	-1.3	-0.1	0.9	-1.3
Softwood lumber[3]	08-11		192.8	202.2	203.1	3.0	0.4	2.2	0.0	0.4
Hardwood lumber[3]	08-12		214.3	212.8	213.8	-1.2	0.5	-0.7	-0.3	0.5
Millwork	08-2		239.6	241.4	241.3	1.5	0.0	0.4	0.4	0.1
Plywood[3]	08-3		190.7	193.0	196.3	-0.7	1.7	0.3	0.7	1.7
Paper	09-13		186.5	187.4	187.7	-1.2	0.2	0.0	-0.4	0.1
Paperboard[3]	09-14		232.2	230.7	231.3	-4.4	0.3	1.5	0.2	0.3
Paper boxes and containers[3]	09-15-03		247.4	248.0	247.8	0.1	-0.1	0.0	0.5	-0.1
Building paper and board[3]	09-2		193.7	201.4	201.8	10.2	0.2	2.2	1.3	0.2
Commercial printing[3]	09-47	06/82	169.7	169.8	170.3	0.2	0.3	0.0	0.0	0.3
Foundry and forge shop products[3]	10-15		209.0	208.0	208.0	-0.5	0.0	-0.4	0.4	0.0
Steel mill products[3]	10-17		157.2	168.8	174.1	-0.9	3.1	4.6	0.2	3.1
Primary nonferrous metals[3]	10-22		164.5	164.0	171.0	1.4	4.3	0.0	-0.1	4.3
Secondary nonferrous metals[3]	10-24		204.8	208.5	213.6	0.0	2.4	1.5	0.1	2.4
Aluminum mill shapes[3]	10-25-01		162.9	164.1	164.4	-2.4	0.2	1.1	0.0	0.2
Copper and brass mill shapes[3]	10-25-02		327.3	317.0	330.2	-8.4	4.2	2.0	-2.1	4.2
Nonferrous wire and cable[3]	10-26		226.8	223.0	223.6	-6.2	0.3	-1.3	-0.3	0.3
Nonferrous foundry shop products[3]	10-28		207.1	206.2	206.1	-2.2	0.0	0.0	0.1	0.0
Metal containers[3]	10-3		144.5	145.2	146.1	-2.4	0.6	0.3	0.3	0.6
Hardware[3]	10-4		210.5	210.9	210.5	0.6	-0.2	0.4	0.1	-0.2
Plumbing fixtures and brass fittings	10-5		257.5	258.0	257.9	0.3	0.0	0.2	0.0	0.1
Heating equipment[3]	10-6		250.9	250.7	250.0	0.2	-0.3	-0.3	0.2	-0.3
Fabricated structural metal products	10-7		211.9	214.1	215.4	-0.1	0.6	0.0	0.7	0.8

See footnotes at end of table.

Table 5. Producer price indexes and percent changes for selected commodity groupings of intermediate demand by commodity type category[1] — Continued

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Bolts, nuts, screws, rivets, and washers[3]	10-81	00/82	191.6	191.1	191.1	0.7	0.0	-0.2	-0.1	0.0
Lighting fixtures[3]	10-83	00/82	169.1	168.9	169.1	0.5	0.1	0.2	-0.1	0.1
Fabricated ferrous wire products	10-88	06/82	219.8	218.7	219.1	-1.4	0.2	-0.9	-0.4	0.3
Other miscellaneous metal products[3]	10-89		156.9	155.4	156.0	-2.3	0.4	0.1	-0.9	0.4
Fluid power equipment[3]	11-43		248.0	248.1	248.1	1.1	0.0	0.5	0.2	0.0
Mechanical power transmission equipment[3]	11-45		259.4	259.3	259.5	-0.1	0.1	0.0	-0.1	0.1
Air conditioning and refrigeration equipment[3]	11-48		181.4	180.2	181.1	1.0	0.5	0.2	-0.2	0.5
Metal valves, except fluid power	11-49-02	12/82	307.0	308.4	308.1	2.1	-0.1	-0.2	0.4	0.1
Ball and roller bearings	11-49-05		255.0	254.9	254.9	-0.3	0.0	0.0	-0.6	-0.1
Wiring devices[3]	11-71		225.2	227.5	227.4	-1.5	0.0	0.4	0.2	0.0
Motors, generators, motor generator sets[3]	11-73		209.1	208.8	209.6	-0.9	0.4	0.0	-0.1	0.4
Switchgear, switchboard, and industrial controls equip.[3]	11-75		219.0	219.1	219.9	0.9	0.4	0.3	-0.4	0.4
Electronic components and accessories	11-78		67.4	67.3	67.2	-1.5	-0.1	0.1	-0.4	0.0
Internal combustion engines[3]	11-94		164.3	164.4	164.5	-2.4	0.1	-0.1	0.0	0.1
Machine shop products[3]	11-95		183.7	183.8	184.7	0.2	0.5	0.0	0.0	0.5
Flat glass[3]	13-11		130.5	132.2	132.3	4.8	0.1	0.5	0.5	0.1
Cement[3]	13-22		230.7	236.0	236.6	5.4	0.3	0.3	0.1	0.3
Concrete products	13-3		245.5	246.8	248.1	3.7	0.5	-0.1	0.2	0.5
Asphalt felts and coatings	13-6		219.2	223.2	224.7	-1.3	0.7	0.3	0.9	0.5
Paving mixtures and blocks[3]	13-94		305.7	289.6	289.8	-6.9	0.1	-2.6	0.4	0.1
Motor vehicle parts[3]	14-12		124.8	124.8	124.8	-0.7	0.0	0.0	-0.2	0.0
Aircraft engines and engine parts	14-23	12/85	223.6	224.3	224.4	1.5	0.0	0.3	0.1	0.0
Aircraft parts and auxiliary equipment, n.e.c.	14-25	06/85	184.6	184.7	184.6	0.8	-0.1	-0.1	0.1	0.1
Medical, surgical, and personal aid devices	15-6		177.1	177.2	177.2	0.5	0.0	0.2	-0.3	-0.1
Unprocessed goods for intermediate demand			166.0	180.1	179.1	-8.7	-0.6	1.3	2.8	-0.4
Unprocessed foodstuffs and feedstuffs			169.4	170.2	164.1	-12.2	-3.6	0.1	0.4	-3.6
Wheat[3]	01-21		135.0	132.7	119.7	-25.5	-9.8	0.7	3.0	-9.8
Corn	01-22-02		143.9	168.2	135.0	-18.4	-19.7	6.5	10.7	-22.2
Slaughter cattle[3]	01-31		206.5	183.2	178.8	-21.9	-2.4	-1.9	-6.3	-2.4
Slaughter hogs	01-32		83.5	101.2	101.3	12.7	0.1	-6.6	3.4	-2.9
Slaughter chickens	01-41-02		234.5	270.1	251.0	3.4	-7.1	-0.8	13.4	1.1
Slaughter turkeys	01-42		235.9	244.3	245.3	-0.3	0.4	-4.2	1.2	-0.9
Raw milk	01-6		116.7	102.2	106.4	-14.3	4.1	-0.5	-4.7	4.2
Alfalfa hay	01-81		280.4	244.9	253.6	-18.7	3.6	-10.7	3.4	6.7
Oilseeds	01-83-01		164.6	211.8	201.6	4.0	-4.8	14.8	5.8	-11.5
Raw cane sugar and byproducts[3]	02-52-01		152.5	157.3	160.7	7.2	2.2	1.7	-1.7	2.2
Unprocessed nonfood materials			152.9	176.9	180.2	-5.9	1.9	2.4	4.6	2.0
Raw cotton[3]	01-51		91.1	97.3	114.0	3.5	17.2	1.2	2.7	17.2
Hides and skins[3]	04-1		207.7	243.6	215.2	-10.8	-11.7	-0.5	16.3	-11.7
Coal	05-1		189.6	193.6	184.7	-3.8	-4.6	0.0	2.9	-2.9
Natural gas[3]	05-31		64.4	77.2	108.3	-1.0	40.3	2.9	-0.1	40.3
Crude petroleum[3]	05-61		91.5	130.7	122.7	-14.4	-6.1	0.6	17.0	-6.1
Logs, bolts, timber, pulpwood, and woodchips[3]	08-5		239.2	237.2	237.8	-1.0	0.3	0.2	-0.1	0.3
Wastepaper	09-12		269.7	287.4	305.9	0.9	6.4	4.4	1.7	1.3
Iron ore[3]	10-11		111.1	136.4	135.3	0.6	-0.8	5.7	4.7	-0.8
Iron and steel scrap[3]	10-12		285.5	370.3	352.8	-6.4	-4.7	16.2	-6.3	-4.7
Nonferrous metal ores[3]	10-21	12/83	255.2	251.7	268.2	-0.3	6.6	2.5	-3.5	6.6
Copper base scrap[3]	10-23-01		359.0	376.2	389.3	-11.4	3.5	-1.0	1.0	3.5
Aluminum base scrap	10-23-02		184.6	184.9	190.1	-5.2	2.8	0.9	1.5	4.2
Construction sand, gravel, and crushed stone	13-21		311.1	314.1	314.7	4.8	0.2	0.7	0.5	0.1
Services for intermediate demand		11/09	111.8	112.3	112.5	1.6	0.2	-0.2	0.8	0.3
Trade services for intermediate demand[4]		11/09	111.9	112.9	113.4	-1.0	0.4	0.3	1.1	0.4
Machinery and equipment parts and supplies wholesaling[3]	57-11-02	03/09	111.6	113.8	112.3	0.8	-1.3	0.0	2.7	-1.3
Building materials, paint, and hardware wholesaling[3]	57-3	03/09	92.5	95.4	95.5	3.0	0.1	2.2	1.2	0.1
Metals, minerals, and ores wholesaling[3]	57-4	03/09	142.9	139.4	143.5	-1.6	2.9	-3.8	3.9	2.9
Chemicals and allied products wholesaling[3]	57-5	03/09	101.8	99.8	104.7	-9.3	4.9	-0.2	-3.6	4.9
Paper and plastics products wholesaling[3]	57-6	03/09	116.1	115.7	116.1	-3.7	0.3	0.3	-0.5	0.3
Food wholesaling[3]	57-81-01	03/09	106.1	103.5	103.3	-0.2	-0.2	0.5	-2.0	-0.2
Automotive parts, including tires, retailing[3]	58-61-02	03/09	107.8	107.5	107.7	0.9	0.2	-2.7	1.2	0.2
Hardware, building material, and supplies retailing	58-D	03/09	112.4	116.2	115.3	1.5	-0.8	0.9	2.3	-1.3
Transportation and warehousing services for intermediate demand		11/09	118.7	118.1	118.4	-1.3	0.3	0.0	0.4	0.3
Rail transportation of freight and mail	30-11	12/08	112.2	113.3	113.9	-2.2	0.5	-0.4	0.7	0.4
Truck transportation of freight	30-12	06/09	111.9	111.7	111.7	-1.9	0.0	-0.3	-0.3	0.2
Water transportation of freight[3]	30-13	06/09	114.1	116.3	114.6	-6.0	-1.5	-0.6	2.2	-1.5
Air transportation of freight[3]	30-14	12/08	111.9	112.0	111.9	1.2	-0.1	3.2	-1.5	-0.1
Pipeline transportation of petroleum products[3]	30-15-01	06/09	153.4	154.3	153.3	0.1	-0.6	0.1	0.1	-0.6
U.S. Postal Service[3]	30-16-01	06/89	221.0	213.3	213.3	-2.3	0.0	0.0	0.0	0.0

See footnotes at end of table.

Table 5. Producer price indexes and percent changes for selected commodity groupings of intermediate demand by commodity type category[1] — Continued

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Courier and messenger services, except air mail	30-16-02	04/09	145.6	145.7	146.3	0.6	0.4	0.5	0.5	1.0
Air mail and package delivery services, excluding by USPS	30-16-03	04/09	147.0	148.4	149.6	1.5	0.8	1.1	0.7	1.0
Transportation of passengers (partial)	30-2	06/09	122.0	120.1	120.2	-3.8	0.1	-2.7	2.5	0.2
Services related to water transportation[3]	31-1	06/09	114.5	113.9	114.1	0.6	0.2	-0.3	-0.3	0.2
Arrangement of freight and cargo[3]	31-31	12/08	102.8	102.9	102.9	-1.8	0.0	0.0	0.0	0.0
Warehousing, storage, and related services[3]	32-1	12/08	99.9	100.4	100.4	1.5	0.0	0.0	2.2	0.0
Services less trade, transportation, and warehousing for intermediate demand		11/09	110.4	111.0	111.1	2.8	0.1	-0.4	0.8	0.2
Network compensation from broadcast TV, cable TV, radio[3]	35	06/09	123.2	123.4	123.4	2.3	0.0	0.0	0.2	0.0
Advertising space sales in periodicals and newspapers	36-11	06/09	105.9	105.6	105.4	-0.6	-0.2	-0.5	-0.5	-0.3
Advertising space sales in directories and mail lists[3]	36-12	12/08	109.5	109.6	109.6	0.4	0.0	-0.1	-0.1	0.0
Television advertising time sales	36-2	06/09	109.1	110.4	109.8	0.4	-0.5	-1.2	0.7	3.9
Radio advertising time sales	36-3	03/09	100.8	102.1	102.8	9.1	0.7	4.5	-0.9	1.6
Internet advertising space sales, excluding Internet ads sold by print publishers[3]	36-5	12/09	79.5	78.2	76.3	-4.3	-2.4	-0.4	-0.1	-2.4
Business wired telecommunication services[3]	37-12	06/09	96.8	96.8	96.2	-0.2	-0.6	-0.6	0.5	-0.6
Cellular phone and other wireless telecommunication services	37-21	03/09	72.6	72.3	71.8	-7.5	-0.7	0.0	0.0	-0.6
Cable and satellite subscriber services	37-3	12/08	118.0	118.6	118.6	5.0	0.0	0.1	3.0	0.1
Bundled wired telecommunication access services[3]	37-5	12/11	103.9	104.3	104.3	1.8	0.0	0.0	0.1	0.0
Data processing and related services[3]	38-1	06/09	100.4	100.8	100.6	-0.4	-0.2	0.1	0.3	-0.2
Business loans (partial)[3]	39-11	04/09	189.5	190.1	185.9	-3.1	-2.2	-3.7	3.4	-2.2
Deposit services (partial)[3]	39-2	04/09	61.8	61.3	62.4	1.3	1.8	-1.1	1.3	1.8
Other credit intermediation, incl. trust services (partial)[3]	39-3	04/09	98.4	98.9	99.3	-1.2	0.4	0.7	-0.1	0.4
Securities brokerage, dealing, investment advice, and related[3]	40-11	06/09	128.9	130.4	132.9	25.5	1.9	-0.5	3.6	1.9
Portfolio management[3]	40-2	12/08	180.3	188.4	186.7	-0.4	-0.9	0.1	1.6	-0.9
Investment banking[3]	40-3	12/08	141.9	142.0	144.9	-3.2	2.0	-3.0	0.9	2.0
Life insurance[3]	41-11-01	03/09	104.2	104.1	104.1	0.1	0.0	0.0	-0.1	0.0
Health and medical insurance	41-11-03	03/09	119.6	119.6	119.7	2.0	0.1	0.5	0.0	0.1
Property and casualty insurance	41-11-04	03/09	114.5	114.8	115.2	2.2	0.3	0.3	0.1	0.3
Annuities[3]	41-2	03/09	112.3	111.9	112.1	1.4	0.2	-0.1	0.0	0.2
Commissions from sales of insurance	42-1	06/09	103.6	104.1	104.2	0.8	0.1	0.6	-0.1	0.2
Nonresidential real estate rents[3]	43-11	06/09	110.0	110.2	110.1	1.7	-0.1	-0.2	1.0	-0.1
Nonresidential property sales and leases[3]	43-12	12/08	115.4	115.8	115.6	1.7	-0.2	0.5	0.0	-0.2
Residential property management fees[3]	43-22	12/08	111.3	114.3	114.5	5.1	0.2	1.5	0.1	0.2
Passenger car rental	44-1	03/09	85.5	88.5	84.9	-12.3	-4.1	3.6	1.2	-13.9
Truck, utility trailer, and RV rental and leasing[3]	44-2	06/09	105.9	101.0	101.9	-4.3	0.9	-0.7	-3.6	0.9
Metal treatment services[3]	59-1	12/84	180.6	182.2	182.5	1.4	0.2	0.1	0.8	0.2
Construction, mining, and forestry machinery and equipment rental and leasing[3]	44-3	03/09	98.1	97.3	97.7	-0.7	0.4	0.7	0.8	0.4
Legal services	45-1	03/09	121.8	122.8	122.5	1.7	-0.2	0.4	0.2	-0.1
Accounting services (partial)	45-2	06/09	105.2	104.5	106.0	2.0	1.4	-0.6	0.6	1.2
Architectural and engineering services	45-3	06/09	109.8	110.1	110.1	1.8	0.0	0.1	0.2	0.1
Management, scientific, and technical consulting[3]	45-4	06/09	105.4	106.1	105.8	0.4	-0.3	0.3	0.4	-0.3
Advertising and related services (partial)[3]	45-5	12/08	107.5	107.5	107.7	1.0	0.2	-0.6	0.2	0.2
Permanent placement services[3]	46-1	03/09	113.4	112.6	110.5	-2.6	-1.9	-0.3	0.0	-1.9
Executive search services[3]	46-2	12/08	99.1	99.1	99.1	0.0	0.0	0.0	0.0	0.0
Staffing services[3]	46-3	06/09	110.9	109.9	110.4	2.4	0.5	-0.2	-1.3	0.5
Security guard services[3]	48-1	03/09	107.0	107.8	107.3	1.8	-0.5	0.0	0.8	-0.5
Janitorial services[3]	49-1	03/09	109.6	110.0	110.2	1.1	0.2	-0.2	0.2	0.2
Waste collection	50-1	12/08	118.7	119.5	119.4	4.1	-0.1	0.8	0.4	-0.1
Traveler accommodation services	53-11	06/09	114.6	113.7	119.3	0.0	4.9	-3.8	3.0	3.9
Commercial and industrial machinery and equipment repair and maintenance[3]	55-1	03/09	117.8	117.8	117.8	0.7	0.0	0.0	0.1	0.0
Aircraft repair and maintenance	55-4	04/09	116.2	116.2	116.3	2.0	0.1	0.2	0.0	0.1
Construction for intermediate demand		11/09	110.9	111.1	111.4	0.9	0.3	0.2	-0.1	0.4
Maintenance and repair of non-residential buildings (partial)	80-2	12/10	112.1	112.3	112.6	0.9	0.3	0.2	-0.1	0.4

[1] Further information about the Final Demand-Intermediate Demand Aggregation system is available online at http://www.bls.gov/ppi/fdidaggregation.htm

[2] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

[3] Not seasonally adjusted.

[4] Trade indexes measure changes in margins received by wholesalers and retailers.

"-" Data not available.

NOTE: The term "(partial)" denotes incomplete coverage of the index category.

Table 6. Producer price indexes and percent changes for selected commodity groupings of intermediate demand by production flow category[1]

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Stage 4 intermediate demand		11/09	109.0	110.3	110.3	-0.5	0.0	0.1	0.7	0.0
Stage 4 intermediate demand goods		04/10	103.7	105.5	105.5	-1.9	0.0	0.4	0.7	-0.1
Grains	01-2		142.6	159.9	132.8	-19.5	-16.9	4.6	8.7	-18.7
Meats	02-21		179.7	190.8	182.4	-9.2	-4.4	-1.9	4.0	-4.0
Unprocessed and packaged fish	02-23		334.6	325.3	329.9	1.0	1.4	-2.4	4.3	-2.8
Dairy products	02-3		186.6	184.8	189.3	-1.9	2.4	-1.3	-0.1	2.3
Commercial electric power	05-42		189.9	201.0	202.0	-2.0	0.5	-1.2	1.9	-0.4
Industrial electric power	05-43		204.5	219.9	226.1	-4.7	2.8	-0.6	2.5	1.9
Gasoline	05-71		123.4	167.0	155.1	-27.9	-7.1	6.6	9.9	-6.6
No. 2 diesel fuel	05-73-03		119.4	153.6	157.5	-18.8	2.5	20.0	7.4	2.6
Basic organic chemicals	06-14		215.1	223.3	218.9	-11.9	-2.0	1.6	1.2	-1.7
Prepared paint[3]	06-21		271.1	271.8	272.0	-0.4	0.1	0.0	1.0	0.1
Medicinal and botanical chemicals[3]	06-31		176.4	176.2	176.8	-0.2	0.3	-0.1	0.7	0.3
Biological products, including diagnostics[3]	06-37		260.5	265.8	266.1	2.7	0.1	0.1	-0.1	0.1
Pharmaceutical preparations	06-38	06/01	228.6	229.5	229.6	6.2	0.0	0.0	0.0	-0.3
Plastic construction products[3]	07-21	00/82	210.3	212.4	213.1	-0.8	0.3	0.6	0.2	0.3
Unsupported plastic film, sheet, and other shapes[3]	07-22		207.7	208.1	208.3	-1.9	0.1	-0.1	0.0	0.1
Parts for manufacturing from plastics[3]	07-26		149.0	148.5	148.5	-0.8	0.0	0.1	0.0	0.0
Plastic packaging products[3]	07-2A	12/06	107.2	108.7	107.3	-2.1	-1.3	-0.1	0.9	-1.3
Lumber[3]	08-1	00/82	196.8	201.8	202.7	1.3	0.4	1.1	-0.1	0.4
Millwork	08-2		239.6	241.4	241.3	1.5	0.0	0.4	0.4	0.1
Paper boxes and containers[3]	09-15-03		247.4	248.0	247.8	0.1	-0.1	0.0	0.5	-0.1
Commercial printing[3]	09-47	06/82	169.7	169.8	170.3	0.2	0.3	0.0	0.0	0.3
Steel mill products[3]	10-17		157.2	168.8	174.1	-0.9	3.1	4.6	0.2	3.1
Nonferrous wire and cable[3]	10-26		226.8	223.0	223.6	-6.2	0.3	-1.3	-0.3	0.3
Fabricated structural metal products	10-7		211.9	214.1	215.4	-0.1	0.6	0.0	0.7	0.8
Other miscellaneous metal products[3]	10-89		156.9	155.4	156.0	-2.3	0.4	0.1	-0.9	0.4
Air conditioning and refrigeration equipment[3]	11-48		181.4	180.2	181.1	1.0	0.5	0.2	-0.2	0.5
Wiring devices[3]	11-71		225.2	227.5	227.4	-1.5	0.0	0.4	0.2	0.0
Electronic components and accessories	11-78		67.4	67.3	67.2	-1.5	-0.1	0.1	-0.4	0.0
Miscellaneous electrical machinery and equipment[3]	11-79		117.8	116.8	117.0	-0.9	0.2	-0.3	-0.1	0.2
Internal combustion engines[3]	11-94		164.3	164.4	164.5	-2.4	0.1	-0.1	0.0	0.1
Machine shop products[3]	11-95		183.7	183.8	184.7	0.2	0.5	0.0	0.0	0.5
Concrete ingredients and related products	13-2		276.1	279.8	280.4	5.0	0.2	0.6	0.4	0.1
Concrete products	13-3		245.5	246.8	248.1	3.7	0.5	-0.1	0.2	0.5
Prepared asphalt, tar roofing and siding products	13-61		219.5	223.2	224.5	0.6	0.6	0.4	0.6	0.6
Paving mixtures and blocks[3]	13-94		305.7	289.6	289.8	-6.9	0.1	-2.6	0.4	0.1
Motor vehicle parts[3]	14-12		124.8	124.8	124.8	-0.7	0.0	0.0	-0.2	0.0
Aircraft engines and engine parts	14-23	12/85	223.6	224.3	224.4	1.5	0.0	0.3	0.1	0.0
Aircraft parts and auxiliary equipment, n.e.c.	14-25	06/85	184.6	184.7	184.6	0.8	-0.1	-0.1	0.1	0.1
Medical, surgical and personal aid devices	15-6		177.1	177.2	177.2	0.5	0.0	0.2	-0.3	-0.1
Stage 4 intermediate demand services		04/10	111.0	111.6	111.8	1.2	0.2	-0.2	0.8	0.1
Truck transportation of freight	30-12	06/09	111.9	111.7	111.7	-1.9	0.0	-0.3	-0.3	0.2
Courier, messenger, and U.S. postal services	30-16	06/09	132.8	131.1	131.5	-0.5	0.3	0.5	0.2	0.6
Airline passenger services	30-22	12/08	112.5	110.6	110.8	-3.9	0.2	-2.6	2.4	0.1
Warehousing, storage, and related services[3]	32-1	12/08	99.9	100.4	100.4	1.5	0.0	0.0	2.2	0.0
Advertising space sales in periodicals and newspapers	36-11	06/09	105.9	105.6	105.4	-0.6	-0.2	-0.5	-0.5	-0.3
Data processing and related services[3]	38-1	06/09	100.4	100.8	100.6	-0.4	-0.2	0.1	0.3	-0.2
Business loans (partial)[3]	39-11	04/09	189.5	190.1	185.9	-3.1	-2.2	-3.7	3.4	-2.2
Deposit services (partial)[3]	39-2	04/09	61.8	61.3	62.4	1.3	1.8	-1.1	1.3	1.8
Securities brokerage, dealing, investment advice, and related services[3]	40-11	06/09	128.9	130.4	132.9	25.5	1.9	-0.5	3.6	1.9
Portfolio management[3]	40-2	12/08	180.3	188.4	186.7	-0.4	-0.9	0.1	1.6	-0.9
Investment banking[3]	40-3	12/08	141.9	142.0	144.9	-3.2	2.0	-3.0	0.9	2.0
Insurance	41-11	06/09	114.1	114.3	114.5	1.8	0.2	0.2	0.1	0.2
Annuities[3]	41-2	03/09	112.3	111.9	112.1	1.4	0.2	-0.1	0.0	0.2
Nonresidential real estate rents[3]	43-11	06/09	110.0	110.2	110.1	1.7	-0.1	-0.2	1.0	-0.1
Nonresidential property sales and leases[3]	43-12	12/08	115.4	115.8	115.6	1.7	-0.2	0.5	0.0	-0.2
Nonresidential property management fees[3]	43-13	12/08	92.1	93.9	94.1	0.0	0.2	0.2	2.2	0.2
Residential property management fees[3]	43-22	12/08	111.3	114.3	114.5	5.1	0.2	1.5	0.1	0.2
Construction, mining, and forestry machinery and equipment rental and leasing[3]	44-3	03/09	98.1	97.3	97.7	-0.7	0.4	0.7	0.8	0.4
Legal services	45-1	03/09	121.8	122.8	122.5	1.7	-0.2	0.4	0.2	-0.1
Advertising agency services[3]	45-51	12/08	107.5	107.5	107.7	1.0	0.2	-0.6	0.2	0.2
Accounting services (partial)	45-2	06/09	105.2	104.5	106.0	2.0	1.4	-0.6	0.6	1.2
Architectural and engineering services	45-3	06/09	109.8	110.1	110.1	1.8	0.0	0.1	0.2	0.1
Management, scientific, and technical consulting[3]	45-4	06/09	105.4	106.1	105.8	0.4	-0.3	0.3	0.4	-0.3
Staffing services[3]	46-3	06/09	110.9	109.9	110.4	2.4	0.5	-0.2	-1.3	0.5

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for selected commodity groupings of intermediate demand by production flow category[1] — Continued

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Janitorial services[3]	49-1	03/09	109.6	110.0	110.2	1.1	0.2	-0.2	0.2	0.2
Commercial and industrial machinery and equipment repair and maintenance[3]	55-1	03/09	117.8	117.8	117.8	0.7	0.0	0.0	0.1	0.0
Machinery and equipment parts and supplies wholesaling[3]	57-11-02	03/09	111.6	113.8	112.3	0.8	-1.3	0.0	2.7	-1.3
Building materials, paint, and hardware wholesaling[3]	57-3	03/09	92.5	95.4	95.5	3.0	0.1	2.2	1.2	0.1
Metals, minerals, and ores wholesaling[3]	57-4	03/09	142.9	139.4	143.5	-1.6	2.9	-3.8	3.9	2.9
Chemicals and allied products wholesaling[3]	57-5	03/09	101.8	99.8	104.7	-9.3	4.9	-0.2	-3.6	4.9
Paper and plastics products wholesaling[3]	57-6	03/09	116.1	115.7	116.1	-3.7	0.3	0.3	-0.5	0.3
Food and alcohol wholesaling[3]	57-8	06/09	108.2	105.9	105.6	-0.2	-0.3	0.4	-1.7	-0.3
Hardware and building materials and supplies retailing	58-D	03/09	112.4	116.2	115.3	1.5	-0.8	0.9	2.3	-1.3
Metal treatment services[3]	59-1	12/84	180.6	182.2	182.5	1.4	0.2	0.1	0.8	0.2
Stage 3 intermediate demand		11/09	106.5	108.3	108.1	-3.9	-0.2	0.4	0.9	0.0
Stage 3 intermediate demand goods		04/10	95.5	98.6	97.9	-8.6	-0.7	0.8	1.2	-0.3
Slaughter cattle[3]	01-31		206.5	183.2	178.8	-21.9	-2.4	-1.9	-6.3	-2.4
Slaughter hogs	01-32		83.5	101.2	101.3	12.7	0.1	-6.6	3.4	-2.9
Slaughter poultry	01-4		230.5	259.1	244.8	2.6	-5.5	-1.5	10.4	0.7
Raw milk	01-6		116.7	102.2	106.4	-14.3	4.1	-0.5	-4.7	4.2
Commercial electric power	05-42		189.9	201.0	202.0	-2.0	0.5	-1.2	1.9	-0.4
Industrial electric power	05-43		204.5	219.9	226.1	-4.7	2.8	-0.6	2.5	1.9
Gasoline	05-71		123.4	167.0	155.1	-27.9	-7.1	6.6	9.9	-6.6
Jet fuel	05-72-03		113.5	150.0	148.8	-20.1	-0.8	12.9	16.0	-0.1
No. 2 diesel fuel	05-73-03		119.4	153.6	157.5	-18.8	2.5	20.0	7.4	2.6
Finished lubricants[3]	05-76		379.8	378.5	378.5	-1.9	0.0	0.2	-0.1	0.0
Lubricating oil base stocks[3]	05-78	06/09	73.7	79.0	88.3	-17.6	11.8	5.5	-1.6	11.8
Asphalt	05-81-02	06/85	108.7	150.0	154.1	-28.1	2.7	12.1	19.1	0.4
Basic inorganic chemicals[3]	06-13		256.7	254.4	248.7	-8.0	-2.2	-0.8	0.0	-2.2
Basic organic chemicals	06-14		215.1	223.3	218.9	-11.9	-2.0	1.6	1.2	-1.7
Paints and allied products[3]	06-2		262.1	265.6	261.1	-2.7	-1.7	1.6	0.7	-1.7
Agricultural chemicals and chemical products[3]	06-5		216.1	217.0	206.8	-10.0	-4.7	0.0	-0.5	-4.7
Plastic resins and materials	06-6		213.5	221.0	221.0	-4.1	0.0	1.8	0.8	1.1
Synthetic rubber[3]	07-11-02		186.8	193.3	193.5	-3.5	0.1	0.8	0.5	0.1
Unsupported plastic film, sheet, and other shapes[3]	07-22		207.7	208.1	208.3	-1.9	0.1	-0.1	0.0	0.1
Paper	09-13		186.5	187.4	187.7	-1.2	0.2	0.0	-0.4	0.1
Paperboard[3]	09-14		232.2	230.7	231.3	-4.4	0.3	1.5	0.2	0.3
Converted paper and paperboard products[3]	09-15		227.8	228.4	228.2	0.0	-0.1	0.0	0.3	-0.1
Commercial printing[3]	09-47	06/82	169.7	169.8	170.3	0.2	0.3	0.0	0.0	0.3
Foundry and forge shop products[3]	10-15		209.0	208.0	208.0	-0.5	0.0	-0.4	0.4	0.0
Steel mill products[3]	10-17		157.2	168.8	174.1	-0.9	3.1	4.6	0.2	3.1
Nonferrous mill shapes[3]	10-25		178.5	177.9	179.8	-4.3	1.1	-0.2	0.9	1.1
Nonferrous foundry shop products[3]	10-28		207.1	206.2	206.1	-2.2	0.0	0.0	0.1	0.0
Metal containers[3]	10-3		144.5	145.2	146.1	-2.4	0.6	0.3	0.3	0.6
Structural, architectural, and pre-engineered metal products[3]	10-74		203.1	205.7	208.1	-0.5	1.2	0.6	-0.2	1.2
Bolts, nuts, screws, rivets, and washers[3]	10-81		191.6	191.1	191.1	0.7	0.0	-0.2	-0.1	0.0
Other miscellaneous metal products[3]	10-89		156.9	155.4	156.0	-2.3	0.4	0.1	-0.9	0.4
General purpose machinery and equipment[3]	11-4		228.1	228.0	228.2	0.9	0.1	0.0	0.0	0.1
Electrical machinery and equipment	11-7		113.3	113.1	113.2	-0.6	0.1	0.1	-0.2	0.2
Construction sand, gravel, and crushed stone	13-21		311.1	314.1	314.7	4.8	0.2	0.7	0.5	0.1
Cement[3]	13-22		230.7	236.0	236.6	5.4	0.3	0.3	0.1	0.3
Motor vehicle parts[3]	14-12		124.8	124.8	124.8	-0.7	0.0	0.0	-0.2	0.0
Aircraft and aircraft equipment	14-2		266.8	267.4	267.5	0.9	0.0	0.1	0.1	0.0
Stage 3 intermediate demand services		04/10	110.2	110.4	110.8	1.5	0.4	-0.1	0.7	0.3
Rail transportation of freight and mail	30-11	12/08	112.2	113.3	113.9	-2.2	0.5	-0.4	0.7	0.4
Courier, messenger, and U.S. postal services	30-16	06/09	132.8	131.1	131.5	-0.5	0.3	0.5	0.2	0.6
Arrangement of freight and cargo[3]	31-31	12/08	102.8	102.9	102.9	-1.8	0.0	0.0	0.0	0.0
Freight forwarding[3]	31-32-01	12/08	96.7	96.7	96.7	-1.6	0.0	0.6	0.0	0.0
Warehousing, storage, and related services[3]	32-1	12/08	99.9	100.4	100.4	1.5	0.0	0.0	2.2	0.0
Advertising space sales in periodicals, newspapers, directories, and mailing lists	36-1	06/09	106.3	106.1	106.0	-0.3	-0.1	-0.4	-0.4	-0.2
Telecommunication, cable, and internet user services	37-1	06/09	110.8	110.8	111.2	1.7	0.4	-0.4	0.1	0.4
Bundled wired telecommunications access services[3]	37-5	12/11	103.9	104.3	104.3	1.8	0.0	0.0	0.1	0.0
Data processing and related services[3]	38-1	06/09	100.4	100.8	100.6	-0.4	-0.2	0.1	0.3	-0.2
Business loans (partial)[3]	39-11	04/09	189.5	190.1	185.9	-3.1	-2.2	-3.7	3.4	-2.2
Deposit services (partial)[3]	39-2	04/09	61.8	61.3	62.4	1.3	1.8	-1.1	1.3	1.8
Securities brokerage, dealing, investment advice, and related services[3]	40-11	06/09	128.9	130.4	132.9	25.5	1.9	-0.5	3.6	1.9
Insurance	41-11	06/09	114.1	114.3	114.5	1.8	0.2	0.2	0.1	0.2
Nonresidential real estate rents[3]	43-11	06/09	110.0	110.2	110.1	1.7	-0.1	-0.2	1.0	-0.1
Legal services	45-1	03/09	121.8	122.8	122.5	1.7	-0.2	0.4	0.2	-0.1

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for selected commodity groupings of intermediate demand by production flow category[1] — Continued

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Accounting services (partial)	45-2	06/09	105.2	104.5	106.0	2.0	1.4	-0.6	0.6	1.2
Architectural and engineering services	45-3	06/09	109.8	110.1	110.1	1.8	0.0	0.1	0.2	0.1
Management, scientific, and technical consulting[3]	45-4	06/09	105.4	106.1	105.8	0.4	-0.3	0.3	0.4	-0.3
Advertising agency services[3]	45-51	12/08	107.5	107.5	107.7	1.0	0.2	-0.6	0.2	0.2
Staffing services[3]	46-3	06/09	110.9	109.9	110.4	2.4	0.5	-0.2	-1.3	0.5
Aircraft repair maintenance	55-4	04/09	116.2	116.2	116.3	2.0	0.1	0.2	0.0	0.1
Parts and supplies for machinery and equipment wholesaling[3]	57-11-02	03/09	111.6	113.8	112.3	0.8	-1.3	0.0	2.7	-1.3
Building materials, paint, and hardware wholesaling[3]	57-3	03/09	92.5	95.4	95.5	3.0	0.1	2.2	1.2	0.1
Metals, minerals, and ores wholesaling[3]	57-4	03/09	142.9	139.4	143.5	-1.6	2.9	-3.8	3.9	2.9
Chemicals and allied products wholesaling[3]	57-5	03/09	101.8	99.8	104.7	-9.3	4.9	-0.2	-3.6	4.9
Paper and plastics products wholesaling[3]	57-6	03/09	116.1	115.7	116.1	-3.7	0.3	0.3	-0.5	0.3
Food wholesaling[3]	57-81-01	03/09	106.1	103.5	103.3	-0.2	-0.2	0.5	-2.0	-0.2
Metal treatment services[3]	59-1	12/84	180.6	182.2	182.5	1.4	0.2	0.1	0.8	0.2
Stage 2 intermediate demand		11/09	95.6	99.1	99.7	-0.6	0.6	0.7	1.5	0.7
Stage 2 intermediate demand goods		04/10	75.5	81.9	82.9	-4.4	1.2	1.9	2.9	1.1
Corn	01-22-02		143.9	168.2	135.0	-18.4	-19.7	6.5	10.7	-22.2
Oilseeds	01-83		164.6	211.8	201.6	4.0	-4.8	14.8	5.8	-11.5
Prepared animal feeds	02-9		178.7	200.1	203.8	4.5	1.8	4.9	4.8	1.0
Coal	05-1		189.6	193.6	184.7	-3.8	-4.6	0.0	2.9	-2.9
Natural gas[3]	05-31		64.4	77.2	108.3	-1.0	40.3	2.9	-0.1	40.3
Liquefied petroleum gas[3]	05-32		91.9	107.1	100.8	0.3	-5.9	15.5	2.0	-5.9
Crude petroleum[3]	05-61		91.5	130.7	122.7	-14.4	-6.1	0.6	17.0	-6.1
No. 2 diesel fuel	05-73-03		119.4	153.6	157.5	-18.8	2.5	20.0	7.4	2.6
Industrial chemicals	06-1		221.4	227.9	223.2	-11.3	-2.1	1.2	1.0	-1.8
Plastic resins and materials	06-6		213.5	221.0	221.0	-4.1	0.0	1.8	0.8	1.1
Plastic products[3]	07-2		195.4	196.3	195.9	-1.3	-0.2	0.2	0.2	-0.2
Logs, bolts, timber, pulpwood, and wood chips[3]	08-5		239.2	237.2	237.8	-1.0	0.3	0.2	-0.1	0.3
Paper	09-13		186.5	187.4	187.7	-1.2	0.2	0.0	-0.4	0.1
Paperboard, excluding corrugated paperboard[3]	09-14-11	12/82	245.5	244.0	244.7	-4.5	0.3	1.7	0.2	0.3
Commercial printing[3]	09-47	06/82	169.7	169.8	170.3	0.2	0.3	0.0	0.0	0.3
Iron and steel scrap[3]	10-12		285.5	370.3	352.8	-6.4	-4.7	16.2	-6.3	-4.7
Steel mill products[3]	10-17		157.2	168.8	174.1	-0.9	3.1	4.6	0.2	3.1
Nonferrous mill shapes[3]	10-25		178.5	177.9	179.8	-4.3	1.1	-0.2	0.9	1.1
Electrical machinery and equipment	11-7		113.3	113.1	113.2	-0.6	0.1	0.1	-0.2	0.2
Electronic components and accessories	11-78		67.4	67.3	67.2	-1.5	-0.1	0.1	-0.4	0.0
Stage 2 intermediate demand services		04/10	110.5	111.0	111.3	2.5	0.3	-0.1	0.6	0.5
Rail transportation of freight and mail	30-11	12/08	112.2	113.3	113.9	-2.2	0.5	-0.4	0.7	0.4
Truck transportation of freight	30-12	06/09	111.9	111.7	111.7	-1.9	0.0	-0.3	-0.3	0.2
Pipeline transportation of petroleum products[3]	30-15-01	12/08	153.4	154.3	153.3	0.1	-0.6	0.1	0.1	-0.6
U.S. Postal Service[3]	30-16-01	06/89	221.0	213.3	213.3	-2.3	0.0	0.0	0.0	0.0
Courier and messenger services, except air	30-16-02	04/09	145.6	145.7	146.3	0.6	0.4	0.5	0.5	1.0
Air mail and package delivery services, excluding by USPS	30-16-03	04/09	147.0	148.4	149.6	1.5	0.8	1.1	0.7	1.0
Airline passenger services	30-22	12/08	112.5	110.6	110.8	-3.9	0.2	-2.6	2.4	0.1
Arrangement of freight and cargo[3]	31-31	12/08	102.8	102.9	102.9	-1.8	0.0	0.0	0.0	0.0
Television advertising time sales	36-21	06/09	109.1	110.4	109.8	0.4	-0.5	-1.2	0.7	3.9
Wireless telecommunication services	37-2	06/09	74.3	74.0	73.5	-7.5	-0.7	0.0	0.0	-0.7
Data processing and related services[3]	38-1	06/09	100.4	100.8	100.6	-0.4	-0.2	0.1	0.3	-0.2
Securities brokerage, dealing, investment advice, and related services[3]	40-11	06/09	128.9	130.4	132.9	25.5	1.9	-0.5	3.6	1.9
Portfolio management[3]	40-2	12/08	180.3	188.4	186.7	-0.4	-0.9	0.1	1.6	-0.9
Investment banking[3]	40-31	12/08	141.9	142.0	144.9	-3.2	2.0	-3.0	0.9	2.0
Insurance	41-11	06/09	114.1	114.3	114.5	1.8	0.2	0.2	0.1	0.2
Commissions from sales of insurance	42-11	06/09	103.6	104.1	104.2	0.8	0.1	0.6	-0.1	0.2
Legal services	45-1	03/09	121.8	122.8	122.5	1.7	-0.2	0.4	0.2	-0.1
Accounting services (partial)	45-2	06/09	105.2	104.5	106.0	2.0	1.4	-0.6	0.6	1.2
Management, scientific, and technical consulting[3]	45-4	06/09	105.4	106.1	105.8	0.4	-0.3	0.3	0.4	-0.3
Advertising agency services[3]	45-51	12/08	107.5	107.5	107.7	1.0	0.2	-0.6	0.2	0.2
Staffing services[3]	46-3	06/09	110.9	109.9	110.4	2.4	0.5	-0.2	-1.3	0.5
Security guard services[3]	48-1	03/09	107.0	107.8	107.3	1.8	-0.5	0.0	0.8	-0.5
Janitorial services[3]	49-1	03/09	109.6	110.0	110.2	1.1	0.2	-0.2	0.2	0.2
Traveler accommodation services	53-1	06/09	114.6	113.7	119.3	0.0	4.9	-3.8	3.0	3.9
Commercial and industrial machinery and equipment repair and maintenance[3]	55-1	03/09	117.8	117.8	117.8	0.7	0.0	0.0	0.1	0.0
Hardware and building materials and supplies retailing	58-D	03/09	112.4	116.2	115.3	1.5	-0.8	0.9	2.3	-1.3
Stage 1 intermediate demand		11/09	102.2	105.4	105.5	-3.2	0.1	1.0	1.2	0.0
Stage 1 intermediate demand goods		04/10	83.7	88.1	88.0	-6.0	-0.1	2.2	1.2	-0.1
Prepared animal feeds	02-9		178.7	200.1	203.8	4.5	1.8	4.9	4.8	1.0
Commercial electric power	05-42		189.9	201.0	202.0	-2.0	0.5	-1.2	1.9	-0.4

See footnotes at end of table.

Table 6. Producer price indexes and percent changes for selected commodity groupings of intermediate demand by production flow category[1] — Continued

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:		Seasonally adjusted percent change from:		
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016	Apr. to May	May to June	June to July
Industrial electric power	05-43		204.5	219.9	226.1	-4.7	2.8	-0.6	2.5	1.9
Commercial natural gas[3]	05-52	12/90	164.2	162.8	170.4	-1.8	4.7	-1.2	0.9	4.7
Industrial natural gas	05-53	12/90	142.4	139.8	147.9	-3.1	5.8	3.1	0.6	5.4
Gasoline	05-71		123.4	167.0	155.1	-27.9	-7.1	6.6	9.9	-6.6
No. 2 diesel fuel	05-73-03		119.4	153.6	157.5	-18.8	2.5	20.0	7.4	2.6
Industrial chemicals	06-1		221.4	227.9	223.2	-11.3	-2.1	1.2	1.0	-1.8
Prepared paint[3]	06-21		271.1	271.8	272.0	-0.4	0.1	0.0	1.0	0.1
Plastic construction products[3]	07-21		210.3	212.4	213.1	-0.8	0.3	0.6	0.2	0.3
Wastepaper	09-12		269.7	287.4	305.9	0.9	6.4	4.4	1.7	1.3
Paper	09-13		186.5	187.4	187.7	-1.2	0.2	0.0	-0.4	0.1
Converted paper and paperboard products[3]	09-15		227.8	228.4	228.2	0.0	-0.1	0.0	0.3	-0.1
Iron and steel scrap[3]	10-12		285.5	370.3	352.8	-6.4	-4.7	16.2	-6.3	-4.7
Steel mill products[3]	10-17		157.2	168.8	174.1	-0.9	3.1	4.6	0.2	3.1
Primary nonferrous metals[3]	10-22		164.5	164.0	171.0	1.4	4.3	0.0	-0.1	4.3
Nonferrous scrap	10-23		284.4	288.8	302.6	-5.3	4.8	0.5	-0.2	5.3
Nonferrous wire and cable[3]	10-26		226.8	223.0	223.6	-6.2	0.3	-1.3	-0.3	0.3
Fabricated structural metal products	10-7		211.9	214.1	215.4	-0.1	0.6	0.0	0.7	0.8
General purpose machinery and equipment[3]	11-4		228.1	228.0	228.2	0.9	0.1	0.0	0.0	0.1
Construction sand, gravel, and crushed stone	13-21		311.1	314.1	314.7	4.8	0.2	0.7	0.5	0.1
Stage 1 intermediate demand services		04/10	113.5	114.0	114.5	0.4	0.4	-0.6	1.2	0.3
Truck transportation of freight	30-12	06/09	111.9	111.7	111.7	-1.9	0.0	-0.3	-0.3	0.2
Airline passenger services	30-22	12/08	112.5	110.6	110.8	-3.9	0.2	-2.6	2.4	0.1
Advertising space sales in periodicals, newspapers, directories, and mailing lists	36-1	06/09	106.3	106.1	106.0	-0.3	-0.1	-0.4	-0.4	-0.2
Business wired telecommunication services[3]	37-12	06/09	96.8	96.8	96.2	-0.2	-0.6	-0.6	0.5	-0.6
Wireless telecommunication services	37-2	06/09	74.3	74.0	73.5	-7.5	-0.7	0.0	0.0	-0.7
Bundled wired telecommunications access services[3]	37-5	12/11	103.9	104.3	104.3	1.8	0.0	0.0	0.1	0.0
Business loans (partial)[3]	39-11	04/09	189.5	190.1	185.9	-3.1	-2.2	-3.7	3.4	-2.2
Deposit services (partial)[3]	39-2	04/09	61.8	61.3	62.4	1.3	1.8	-1.1	1.3	1.8
Securities brokerage, dealing, investment advice, and related services[3]	40-11	06/09	128.9	130.4	132.9	25.5	1.9	-0.5	3.6	1.9
Portfolio management[3]	40-2	12/08	180.3	188.4	186.7	-0.4	-0.9	0.1	1.6	-0.9
Investment banking[3]	40-3	12/08	141.9	142.0	144.9	-3.2	2.0	-3.0	0.9	2.0
Insurance	41-11	06/09	114.1	114.3	114.5	1.8	0.2	0.2	0.1	0.2
Nonresidential real estate rents[3]	43-11	06/09	110.0	110.2	110.1	1.7	-0.1	-0.2	1.0	-0.1
Architectural and engineering services	45-3	06/09	109.8	110.1	110.1	1.8	0.0	0.1	0.2	0.1
Management consulting services[3]	45-41	06/09	105.4	106.1	105.8	0.4	-0.3	0.3	0.4	-0.3
Waste collection	50-1	12/08	118.7	119.5	119.4	4.1	-0.1	0.8	0.4	-0.1
Traveler accommodation services	53-11	06/09	114.6	113.7	119.3	0.0	4.9	-3.8	3.0	3.9
Commercial and industrial machinery and equipment repair and maintenance[3]	55-1	03/09	117.8	117.8	117.8	0.7	0.0	0.0	0.1	0.0
Machinery and equipment parts and supplies wholesaling[3]	57-11-02	03/09	111.6	113.8	112.3	0.8	-1.3	0.0	2.7	-1.3
Building materials, paint, and hardware wholesaling[3]	57-3	03/09	92.5	95.4	95.5	3.0	0.1	2.2	1.2	0.1
Metals, minerals, and ores wholesaling[3]	57-4	03/09	142.9	139.4	143.5	-1.6	2.9	-3.8	3.9	2.9
Chemicals and allied products wholesaling[3]	57-5	03/09	101.8	99.8	104.7	-9.3	4.9	-0.2	-3.6	4.9
Paper and plastics products wholesaling[3]	57-6	03/09	116.1	115.7	116.1	-3.7	0.3	0.3	-0.5	0.3
Hardware and building materials and supplies retailing	58-D	03/09	112.4	116.2	115.3	1.5	-0.8	0.9	2.3	-1.3
Mining services[3]	60-1	06/85	227.0	225.6	225.4	-6.6	-0.1	-1.1	-0.3	-0.1

[1] Further information about the Final Demand-Intermediate Demand Aggregation system is available online at http://www.bls.gov/ppi/fdidaggregation.htm

[2] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

[3] Not seasonally adjusted.

"-" Data not available.

NOTE: The term "(partial)" denotes incomplete coverage of the index category.

Table 7. Producer price indexes for selected final demand and intermediate demand categories, seasonally adjusted

[Nov 2009=100, unless otherwise indicated]

Grouping	Other index base	Index[1]					
		Feb. 2016	Mar. 2016	Apr. 2016	May 2016	June 2016	July 2016
Final demand		109.7	109.5	109.7	110.1	110.7	110.3
Final demand goods		106.1	106.1	106.6	107.3	108.2	107.8
Final demand foods		117.2	115.6	115.2	115.6	116.6	115.3
Final demand energy		83.5	84.4	86.1	88.5	92.1	91.2
Final demand goods less foods and energy		109.9	110.1	110.4	110.7	110.7	110.7
Final demand services		111.3	111.0	111.0	111.2	111.7	111.4
Final demand trade services		113.5	112.7	112.3	113.7	114.5	113.0
Final demand transportation and warehousing services		114.0	113.7	112.9	112.2	112.8	112.9
Final demand services less trade, transportation, and warehousing		109.9	110.0	110.2	110.0	110.4	110.6
Intermediate demand by commodity type							
Processed goods for intermediate demand	00/82	179.0	179.0	179.5	181.0	182.7	183.1
Materials and components for manufacturing	00/82	170.8	170.6	170.8	171.9	172.3	172.3
Materials and components for construction	00/82	227.5	227.7	227.9	228.2	228.8	229.6
Processed fuels and lubricants for intermediate demand	00/82	141.6	142.3	144.1	148.0	153.9	155.1
Containers for intermediate demand	00/82	216.8	216.4	216.3	216.3	217.1	217.4
Supplies for intermediate demand	00/82	188.8	188.6	188.7	189.7	190.8	190.9
Unprocessed goods for intermediate demand	00/82	163.1	165.7	170.6	172.8	177.6	176.9
Unprocessed foodstuffs and feedstuffs	00/82	170.8	169.5	164.8	164.9	165.6	159.7
Unprocessed nonfood materials except fuel	00/82	164.7	181.3	196.8	202.3	213.8	207.7
Unprocessed fuel	00/82	114.3	102.1	109.4	110.8	112.5	131.1
Services for intermediate demand		111.7	111.7	111.5	111.3	112.2	112.5
Trade services for intermediate demand		112.0	111.9	111.4	111.7	112.9	113.4
Transportation and warehousing services for intermediate demand		118.3	118.2	117.3	117.3	117.8	118.1
Services less trade, transportation, and warehousing for intermediate demand		110.3	110.4	110.4	110.0	110.9	111.1
Intermediate demand by production flow							
Stage 4 intermediate demand		109.1	109.0	109.1	109.2	110.0	110.0
Inputs to stage 4 goods producers		106.9	106.7	106.7	106.9	107.6	107.5
Inputs to stage 4 services producers		111.6	111.5	111.7	111.5	112.2	112.3
Inputs to stage 4 construction producers		106.3	106.4	106.5	107.2	108.2	108.4
Stage 3 intermediate demand		106.4	106.5	106.2	106.6	107.6	107.6
Inputs to stage 3 goods producers		110.6	110.6	109.7	109.8	110.0	110.1
Inputs to stage 3 services producers		103.9	104.0	104.3	104.8	106.5	106.3
Inputs to stage 3 construction producers		84.2	85.1	84.8	89.6	92.3	92.8
Stage 2 intermediate demand		95.1	95.5	96.6	97.3	98.8	99.5
Inputs to stage 2 goods producers		81.0	81.5	84.0	85.5	87.9	89.0
Inputs to stage 2 services producers		108.6	108.8	108.7	108.6	109.3	109.8
Stage 1 intermediate demand		101.8	102.2	102.7	103.7	104.9	104.9
Inputs to stage 1 goods producers		94.5	95.3	96.5	98.2	99.2	99.2
Inputs to stage 1 services producers		108.6	108.6	108.5	108.7	110.2	110.4
Inputs to stage 1 construction producers		107.6	107.6	107.6	108.3	109.4	109.4
Special groupings							
Final demand less foods and energy	04/10	109.8	109.7	109.7	110.0	110.4	110.1
Final demand less foods	04/10	107.7	107.6	107.8	108.2	108.8	108.5
Final demand less energy	04/10	110.0	109.8	109.8	110.1	110.5	110.2
Total finished[2]	01/10	109.5	109.3	109.5	109.8	110.4	110.0
Total exports	04/10	104.6	104.5	104.5	105.3	105.9	105.6
Total Government purchases	04/10	103.7	103.8	103.5	104.0	104.9	104.9
Total private capital investment (goods, services, and construction)	04/10	109.3	109.1	108.7	109.6	109.7	109.0
Finished goods[2]	00/82	189.2	189.2	190.2	191.2	192.8	191.9
Processed materials less foods and feeds	00/82	178.2	178.3	178.9	180.4	182.0	182.4
Processed foods and feeds	00/82	189.0	187.8	187.0	189.1	192.3	192.3
Processed energy goods	00/82	142.2	142.9	144.8	148.7	154.6	155.8
Processed materials less foods and energy	00/82	185.2	185.2	185.4	186.3	186.6	186.8
Unprocessed materials less agricultural products	00/82	146.2	152.0	165.2	168.9	176.3	181.7
Unprocessed energy materials	00/82	102.3	106.3	119.6	120.7	130.9	137.5
Unprocessed nonfood materials less energy	00/82	269.0	275.6	284.2	296.0	295.0	292.6
Total goods inputs to stage 4 intermediate demand	04/10	103.9	103.9	104.0	104.4	105.1	105.0
Total services inputs to stage 4 intermediate demand	04/10	111.0	110.9	110.9	110.7	111.6	111.7
Total goods inputs to stage 3 intermediate demand	04/10	95.5	95.6	95.3	96.1	97.3	97.0
Total services inputs to stage 3 intermediate demand	04/10	110.0	110.0	109.7	109.6	110.4	110.7
Total goods inputs to stage 2 intermediate demand	04/10	74.8	75.3	77.7	79.2	81.5	82.4
Total services inputs to stage 2 intermediate demand	04/10	110.2	110.4	110.2	110.1	110.8	111.3
Total goods inputs to stage 1 intermediate demand	04/10	83.0	83.8	84.6	86.5	87.5	87.4
Total services inputs to stage 1 intermediate demand	04/10	113.6	113.3	113.2	112.5	113.9	114.2

[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 March 2016 have been recalculated to incorporate late reports and corrections by respondents.

[2] PPI defines Total finished as including only the personal consumption and private capital investment portions of final demand.

Table 8. Producer price indexes for selected commodity groupings, not seasonally adjusted

[1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Goods							
All commodities			182.1	187.4	187.3	-3.4	-0.1
Farm products, processed foods and feeds			189.2	193.0	190.4	-4.9	-1.3
Farm products	01		161.9	165.3	158.6	-11.3	-4.1
Processed foods and feeds	02		202.7	206.7	206.0	-2.4	-0.3
Industrial commodities			180.4	186.1	186.4	-3.1	0.2
Textile products and apparel	03		143.4	143.1	142.9	-0.8	-0.1
Hides, skins, leather, and related products	04		193.6	203.2	196.7	-4.3	-3.2
Fuels and related products and power	05		134.1	151.8	153.0	-11.1	0.8
Chemicals and allied products	06		261.1	265.2	263.0	-2.8	-0.8
Rubber and plastic products	07		184.0	184.9	184.5	-1.4	-0.2
Lumber and wood products	08		221.0	222.9	223.4	0.6	0.2
Pulp, paper, and allied products	09		246.5	247.1	247.6	-0.5	0.2
Metals and metal products	10		190.3	195.1	197.1	-1.7	1.0
Machinery and equipment	11		136.8	136.9	137.0	0.0	0.1
Furniture and household durables	12		165.2	164.7	164.8	0.1	0.1
Nonmetallic mineral products	13		232.7	233.3	233.9	2.1	0.3
Transportation equipment	14		177.1	176.9	176.3	-0.1	-0.3
Miscellaneous products	15		250.6	252.6	252.9	2.0	0.1
Industrial commodities less fuels			192.1	193.5	193.5	-0.7	0.0
Other commodity groupings							
Petroleum products, refined	057		122.2	157.9	154.6	-23.2	-2.1
Industrial chemicals	061		221.4	227.9	223.2	-11.3	-2.1
Rubber and rubber products	071		170.9	172.1	171.6	-1.8	-0.3
Lumber	081		196.8	201.8	202.7	1.3	0.4
Iron and steel	101		175.4	192.4	194.1	-2.1	0.9
Nonferrous metals	102		207.4	206.8	212.0	-3.2	2.5
General purpose machinery and equipment	114		228.1	228.0	228.2	0.9	0.1
Electrical machinery and equipment	117		113.3	113.1	113.2	-0.6	0.1
Electronic components and accessories	1178		67.4	67.3	67.2	-1.5	-0.1
Aircraft and aircraft equipment	142		266.8	267.4	267.5	0.9	0.0
Services and construction							
Transportation services	30	06/09	120.4	119.7	119.9	-2.0	0.2
Services related to transportation activities	31	06/09	109.1	109.0	109.3	-1.2	0.3
Warehousing, storage, and related activities	32	12/08	99.9	100.4	100.4	1.5	0.0
Publishing sales, excluding software	33	06/09	113.7	113.4	113.6	1.3	0.2
Software publishing	34	06/09	90.2	90.1	89.3	0.3	-0.9
Network compensation from broadcast and cable television and radio	35	06/09	123.2	123.4	123.4	2.3	0.0
Advertising space and time sales	36	06/09	103.7	104.0	103.5	0.2	-0.5
Telecommunication, cable, and internet user services	37	06/09	100.3	100.3	100.3	-0.2	0.0
Data processing and related services	38	06/09	100.4	100.8	100.6	-0.4	-0.2
Credit intermediation services (partial)	39	06/09	86.5	86.1	85.7	-2.1	-0.5
Investment services	40	06/09	145.9	149.1	150.5	13.5	0.9
Insurance and annuities	41	06/09	113.5	113.5	113.7	1.7	0.2
Commissions and fees from sales and administration of insurance policies (partial)	42	06/09	103.6	104.1	104.2	0.8	0.1
Real estate services (partial)	43	06/09	113.4	114.5	114.4	2.4	-0.1
Rental and leasing of goods (partial)	44	06/09	93.7	93.6	92.3	-6.8	-1.4
Professional services (partial)	45	06/09	113.0	113.4	113.5	1.5	0.1
Employment services	46	06/09	110.9	109.9	110.2	1.9	0.3
Travel arrangement services	47	06/09	102.9	103.8	103.1	0.0	-0.7
Selected security services (partial)	48	03/09	107.0	107.8	107.3	1.8	-0.5
Cleaning and building maintenance services (partial)	49	03/09	109.6	110.0	110.2	1.1	0.2
Waste collection and remediation services (partial)	50	12/08	118.7	119.5	119.4	4.1	-0.1
Health care services	51	06/09	113.9	113.9	114.2	1.2	0.3
Education services (partial)	52	12/08	103.2	103.4	109.0	5.5	5.4
Accommodation services	53	06/09	114.6	113.7	119.3	0.0	4.9
Food and beverages for immediate consumption services (partial)	54	06/09	115.5	115.9	116.1	1.5	0.2
Repair and maintenance services (partial)	55	06/09	120.5	120.6	120.7	1.5	0.1
Entertainment services (partial)	56	06/09	112.8	113.5	111.6	1.2	-1.7
Wholesale trade services	57	06/09	111.9	112.6	112.5	0.7	-0.1
Retail trade services	58	06/09	113.5	115.4	113.3	-0.3	-1.8
Metal treatment services	59	12/84	180.6	182.2	182.5	1.4	0.2
Mining services	60	06/85	227.0	225.6	225.4	-6.6	-0.1
Contract work on textile products, apparel, and leather	61	06/10	108.3	108.1	108.1	1.4	0.0
Construction (partial)	80	06/09	110.1	111.0	110.5	0.8	-0.5

[1] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

"-" Data not available.

NOTE: The term "(partial)" denotes incomplete coverage of the index category.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Goods							
All commodities			182.1	187.4	187.3	-3.4	-0.1
Industrial commodities			180.4	186.1	186.4	-3.1	0.2
Farm products, processed foods and feeds			189.2	193.0	190.4	-4.9	-1.3
Farm products	01		161.9	165.3	158.6	-11.3	-4.1
Fruits & melons, fresh/dry vegs. & nuts	011		187.3	191.1	184.5	5.9	-3.5
Fresh fruits and melons	0111		132.3	135.8	127.1	14.7	-6.4
Citrus fruits	0111-01		242.3	281.8	245.9	13.8	-12.7
Grapefruits	0111-0101		324.4	452.6	509.8	48.9	12.6
Lemons	0111-0104		306.5	356.6	355.1	-11.9	-0.4
Valencia oranges	0111-0105		174.6	–	126.9	-10.4	–
Navel oranges	0111-0106		143.8	143.0	158.0	–	10.5
Tangerines	0111-0108	12/91	491.1	–	–	–	–
Other fruits and berries	0111-02		119.4	119.1	114.6	16.3	-3.8
Plums and fresh prunes	0111-0201	12/91	–	333.1	314.2	41.7	-5.7
Nectarines	0111-0202	12/91	–	–	100.9	1.5	–
Cherries	0111-0203	12/91	–	–	74.5	–	–
Apricots	0111-0204	12/91	–	189.1	–	–	–
Avocados	0111-0205	12/91	113.7	160.7	266.7	–	66.0
Kiwifruit	0111-0206	12/91	135.4	137.5	–	–	–
Rome apples	0111-0209	12/91	145.7	–	–	–	–
Golden delicious apples	0111-0211	12/91	161.6	161.6	161.6	44.9	0.0
Red delicious apples	0111-0215		220.8	220.6	220.6	44.7	0.0
McIntosh apples	0111-0216		174.3	176.3	–	–	–
Peaches	0111-0219		–	237.1	237.3	34.0	0.1
Gala apples	0111-0220	03/15	115.0	116.0	116.0	15.8	0.0
Pears	0111-0221		129.6	137.4	–	–	–
Strawberries	0111-0222		98.5	94.1	81.4	-1.9	-13.5
Raspberries	0111-0224	12/91	39.1	23.6	32.7	19.8	38.6
Blackberries	0111-0225	12/91	–	43.3	38.8	-13.4	-10.4
Blueberries	0111-0227	12/91	–	31.2	16.5	9.3	-47.1
Grapes	0111-0228		122.6	125.3	118.2	-6.5	-5.7
Table grapes	0111-02281	12/11	–	144.7	115.4	-11.4	-20.2
Wine grapes	0111-02283	12/11	94.6	94.6	94.6	-5.4	0.0
Juice grapes	0111-02284	01/16	100.0	100.0	100.0	–	0.0
Fuji apples	0111-0229	03/15	165.0	174.8	174.8	60.5	0.0
Empire apples	0111-0230	10/15	96.6	94.0	–	–	–
Melons	0111-03	12/91	159.7	139.8	126.3	-0.1	-9.7
Cantaloupes	0111-0301		171.5	162.2	140.4	-5.1	-13.4
Honeydews	0111-0302	12/91	–	135.2	172.0	-0.5	27.2
Watermelons	0111-0303	12/91	–	219.0	193.6	0.3	-11.6
Fresh and dry vegetables	0113		200.1	205.3	200.3	6.8	-2.4
Dry vegetables	0113-01		170.8	186.1	185.5	12.8	-0.3
Dry beans	0113-011	09/15	105.0	121.6	126.5	–	4.0
Dry pinto beans	0113-0110	12/91	250.2	308.5	319.8	22.1	3.7
Dry great northern beans	0113-0111	12/91	252.4	–	–	–	–
Dry pink beans	0113-0112	12/91	261.0	–	–	–	–
Dry pea beans	0113-0113		128.0	147.5	156.9	-1.3	6.4
Dry kidney beans	0113-0114	12/11	75.0	75.0	75.0	-24.7	0.0
Dry small red beans	0113-0115	12/11	61.7	61.7	69.1	-12.5	12.0
Dry garbanzo beans	0113-0116	12/11	72.5	73.3	73.3	12.4	0.0
Dry black beans	0113-0117	09/15	101.9	110.5	118.1	–	6.9
Dry peas and lentils	0113-012	09/15	132.1	128.4	116.5	–	-9.3
Dry peas	0113-0120	12/91	258.8	247.4	222.1	-7.2	-10.2
Dry lentils	0113-0121	12/91	421.6	421.6	389.2	78.5	-7.7
Fresh vegetables, except potatoes	0113-02		222.6	226.3	225.4	7.4	-0.4
Cabbage	0113-0211		263.6	230.5	223.0	-3.5	-3.3
Carrots	0113-0212		213.8	192.5	175.6	-13.2	-8.8
Celery	0113-0213		256.4	164.3	188.0	-7.3	14.4
Sweet corn	0113-0214		188.1	135.7	216.2	41.2	59.3
Lettuce	0113-0215		146.2	251.6	269.2	-19.4	7.0
Dry onions	0113-0216		185.7	200.8	205.5	-24.3	2.3
Tomatoes	0113-0217		322.4	267.9	184.0	11.2	-31.3
Snap beans	0113-0218		604.8	319.5	–	–	–
Green peas	0113-0219	12/91	–	–	250.2	86.6	–
Asparagus	0113-0221	12/91	390.1	302.3	–	–	–

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Broccoli	0113-0222	12/91	118.1	186.2	148.1	16.2	-20.5
Cauliflower	0113-0223	12/91	50.3	68.4	48.3	0.8	-29.4
Spinach	0113-0224	12/91	238.1	241.4	307.8	-29.9	27.5
Greens	0113-0225	12/91	187.6	173.4	169.2	-11.1	-2.4
Endive	0113-0226	12/91	581.3	488.9	476.0	-17.1	-2.6
Green peppers	0113-0228	12/91	414.1	415.6	371.6	-24.7	-10.6
Eggplant	0113-0229	12/91	500.2	304.0	367.4	23.1	20.9
Squash	0113-0231	12/91	224.7	291.7	232.1	-1.7	-20.4
Beets	0113-0232	12/91	–	110.7	88.8	-39.1	-19.8
Cucumbers	0113-0234	12/91	–	323.1	323.1	3.0	0.0
Artichokes	0113-0235	12/11	230.9	204.2	102.4	23.8	-49.9
Sweet potatoes	0113-03		129.0	128.8	130.9	-9.8	1.6
Sweet potatoes	0113-0301	12/91	83.4	83.3	84.6	-9.9	1.6
Potatoes	0113-06	12/11	84.5	88.4	78.6	4.9	-11.1
Long white potatoes	0113-0601	12/91	–	158.1	–	–	–
Round white potatoes	0113-0602	12/91	176.7	–	–	–	–
Russet potatoes	0113-0603	12/91	132.2	147.9	128.3	11.7	-13.3
Round red potatoes	0113-0604	12/91	156.8	124.8	156.8	-9.6	25.6
Round yellow potatoes	0113-0605	09/15	88.9	–	–	–	–
Tree nuts	0119		1,415.7	1,400.3	1,400.3	-11.4	0.0
Tree nuts	0119-01		1,415.7	1,400.3	1,400.3	-11.4	0.0
Pecans	0119-0101		842.0	744.4	744.4	-4.7	0.0
Almonds	0119-0102	12/91	400.1	400.1	400.1	-6.5	0.0
Filberts	0119-0103	12/91	334.6	334.6	334.6	-9.5	0.0
Walnuts	0119-0104	12/91	215.7	215.7	215.7	-38.3	0.0
Pistachios	0119-0106	12/91	321.5	–	–	–	–
Grains	012		142.6	159.9	132.8	-19.5	-16.9
Wheat	0121		135.0	132.7	119.7	-25.5	-9.8
Wheat	0121-01		135.0	132.7	119.7	-25.5	-9.8
Hard red winter wheat	0121-0101		125.4	113.4	99.9	-33.6	-11.9
Hard red spring wheat	0121-0102		153.3	155.9	144.1	-16.8	-7.6
Soft white wheat	0121-0103		117.6	125.9	121.3	–	-3.7
Soft red winter wheat	0121-0104		143.4	152.3	134.2	-17.3	-11.9
Hard amber durum wheat	0121-0105	12/84	175.6	184.3	174.0	-35.7	-5.6
Other grains	0122		146.3	170.3	137.2	-19.2	-19.4
Barley	0122-01		174.6	163.8	160.6	-16.9	-2.0
Barley	0122-0101		174.6	163.8	160.6	-16.9	-2.0
Corn	0122-02		143.9	168.2	135.0	-18.4	-19.7
Corn	0122-0205		143.9	168.2	135.0	-18.4	-19.7
Oats	0122-03		152.4	158.7	162.6	-6.0	2.5
Oats	0122-0311		152.4	158.7	162.6	-6.0	2.5
Sorghum	0122-05	12/91	124.3	148.1	112.0	-39.4	-24.4
Sorghum	0122-0501	12/91	124.3	148.1	112.0	-39.4	-24.4
Rough rice	0123	12/91	90.5	88.7	90.1	1.6	1.6
Rough rice	0123-01	12/91	90.5	88.7	90.1	1.6	1.6
Rough rice	0123-0103	12/04	153.8	150.7	153.1	1.6	1.6
Long grain rough rice	0123-01031	09/15	100.9	98.2	99.5	–	1.3
Medium/short grain rough rice	0123-01032	09/15	92.4	92.4	94.3	–	2.1
Slaughter livestock	013		174.9	165.2	162.2	-15.8	-1.8
Slaughter cattle	0131		206.5	183.2	178.8	-21.9	-2.4
Slaughter steers and heifers	0131-01		210.9	183.5	178.5	-20.2	-2.7
Slaughter steers and heifers	0131-0199	12/91	199.8	173.9	169.2	-20.2	-2.7
Slaughter cows and bulls	0131-02		184.0	185.4	183.2	-27.9	-1.2
Slaughter cows and bulls	0131-0299	12/91	165.4	166.8	164.8	-27.9	-1.2
Slaughter vealers	0131-03		85.1	74.7	74.1	-28.4	-0.8
Slaughter vealers	0131-0399	12/91	73.5	64.5	64.0	-28.4	-0.8
Slaughter hogs	0132		83.5	101.2	101.3	12.7	0.1
Slaughter barrows and gilts	0132-01		83.4	100.8	101.1	12.6	0.3
Slaughter barrows and gilts	0132-0199	12/91	126.2	152.4	152.9	12.6	0.3
Slaughter sows	0132-02		72.2	99.0	90.5	18.6	-8.6
Slaughter sows	0132-0299	12/91	125.4	172.0	157.1	18.6	-8.7
Slaughter lambs	0133		319.4	307.7	296.0	2.3	-3.8
Slaughter lambs	0133-01		319.4	307.7	296.0	2.3	-3.8
Slaughter lambs	0133-0199	12/91	368.3	354.9	341.4	2.3	-3.8
Slaughter poultry	014		230.5	259.1	244.8	2.6	-5.5

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Slaughter chickens	0141		231.3	266.4	247.6	3.4	-7.1
Broilers and other meat type chickens	0141-02		234.5	270.1	251.0	3.4	-7.1
Slaughter chickens	0141-0299	12/91	225.8	260.1	241.7	3.4	-7.1
Slaughter turkeys	0142		235.9	244.3	245.3	-0.3	0.4
Slaughter turkeys	0142-01		235.9	244.3	245.3	-0.3	0.4
Slaughter turkeys	0142-0199	12/91	214.6	222.3	223.2	-0.3	0.4
Slaughter ducks	0143	12/91	248.2	248.2	248.2	1.3	0.0
Slaughter ducks	0143-01	12/91	248.2	248.2	248.2	1.3	0.0
Slaughter ducks	0143-0199	12/91	248.2	248.2	248.2	1.3	0.0
Raw cotton	015		92.0	98.3	115.2	3.5	17.2
Raw cotton	0151		91.1	97.3	114.0	3.5	17.2
Raw cotton	0151-01		91.1	97.3	114.0	3.5	17.2
Raw cotton	0151-0101		91.1	97.3	114.0	3.5	17.2
Upland cotton	0151-01011	09/15	91.6	98.5	116.5	–	18.3
Pima cotton	0151-01012	09/15	79.5	76.3	76.3	–	0.0
Raw milk	016		116.7	102.2	106.4	-14.3	4.1
Raw milk	0161		117.2	102.6	106.9	-14.2	4.2
Raw milk	0161-01		117.2	102.6	106.9	-14.2	4.2
Milk, all	0161-0102		117.2	102.6	106.9	-14.2	4.2
Chicken eggs	017		157.4	73.8	111.3	-67.4	50.8
Chicken eggs	0171		157.4	73.8	111.3	-67.4	50.8
Eggs for fresh use	0171-07	12/91	135.3	72.2	110.2	-55.0	52.6
Eggs, jumbo	0171-0701	12/84	154.3	92.6	136.3	-48.9	47.2
Eggs, extra large	0171-0702	12/84	162.4	86.7	135.2	-52.0	55.9
Eggs, large	0171-0703		163.7	87.4	139.2	-54.0	59.3
Eggs, medium	0171-0704	12/84	142.4	73.4	90.7	-64.5	23.6
Eggs, small	0171-0705	12/84	110.9	65.8	73.5	-53.4	11.7
Breaker stock and checks and undergrades	0171-08	12/91	136.3	42.1	60.1	-85.7	42.8
Breaker stock	0171-0801	12/91	135.7	43.8	60.6	-84.8	38.4
Checks and undergrades	0171-0802	12/91	139.6	20.3	51.8	-91.8	155.2
Hay, hayseeds, and oilseeds	018		183.7	221.5	213.4	-0.2	-3.7
Hay and hayseeds	0181		280.4	244.9	253.6	-18.7	3.6
Hay and hayseeds	0181-01		280.4	244.9	253.6	-18.7	3.6
Alfalfa hay	0181-0101		273.3	267.1	241.2	-22.6	-9.7
All other hay	0181-0102	09/15	99.9	74.9	92.9	–	24.0
Oilseeds	0183		164.6	211.8	201.6	4.0	-4.8
Oilseeds	0183-01		164.6	211.8	201.6	4.0	-4.8
Peanuts	0183-0111		87.1	103.9	102.5	-7.3	-1.3
Cottonseed	0183-0121		210.8	237.5	232.2	–	-2.2
Soybeans	0183-0131		150.0	195.7	186.1	5.5	-4.9
Flaxseed	0183-0151	12/91	170.1	180.3	180.3	-22.0	0.0
Sunflower	0183-0161	12/91	241.2	252.4	248.9	-1.3	-1.4
Canola	0183-0171	12/11	75.3	83.4	74.0	-7.3	-11.3
Misc. oil crops	0183-0181	09/15	103.9	–	–	–	–
Processed foods and feeds	02		202.7	206.7	206.0	-2.4	-0.3
Cereal and bakery products	021		248.9	247.9	247.4	-0.7	-0.2
Bakery products	0211		279.2	278.2	278.6	1.4	0.1
Bread (white, wheat, rye, etc.), including frozen	0211-02	06/06	137.3	136.9	137.3	2.1	0.3
Bread (white, wheat, rye, etc.), including frozen	0211-0201	06/06	137.3	136.9	137.3	2.1	0.3
White pan bread	0211-020111	12/11	108.0	108.5	108.4	2.4	-0.1
White hearth bread (French, Italian, etc.)	0211-020112	12/11	109.3	109.4	109.2	1.3	-0.2
Dark wheat breads (whole wheat, cracked wheat, multigrain, etc.)	0211-020113	12/11	112.9	108.7	111.3	2.9	2.4
Other variety breads (rye, unleavened, raisin, potato etc.)	0211-020114	12/11	107.9	108.9	108.6	1.5	-0.3
Rolls (bread-type), muffins, bagels, and croissants	0211-05		295.4	295.1	294.5	2.8	-0.2
Rolls (bread-type), muffins, bagels, and croissants	0211-0505	06/06	144.1	144.0	143.7	2.8	-0.2
Rolls, hamburger and wiener	0211-050501	12/11	112.8	112.5	112.1	2.9	-0.4
All other rolls, bread-type (incl. muffins, bagels, & croissants)	0211-050502	12/11	113.5	113.5	113.5	2.6	0.0
Other sweet goods, excluding frozen	0211-07		264.2	263.4	263.2	0.7	-0.1
Other sweet goods, excluding frozen	0211-0703	06/99	164.3	163.7	163.6	0.7	-0.1
Soft cakes, excluding frozen	0211-08		318.1	311.8	316.3	-2.2	1.4
Soft cakes, excluding frozen	0211-0803	06/99	163.2	160.0	162.2	-2.2	1.4
Pies (fruit, cream, and custard), excluding frozen	0211-09		330.1	315.9	318.2	-4.3	0.7
Pies (fruit, cream, and custard), excluding frozen	0211-0903	06/99	166.2	159.0	160.2	-4.3	0.8
Cookies, crackers, and related products	0211-21		234.9	234.8	234.8	-0.1	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Cookies, wafers, and ice cream cones and cups (excluding frozen)	0211-2103	06/83	213.8	213.8	213.8	0.0	0.0
Crackers, biscuits, and related products	0211-2104	06/83	249.4	249.4	249.3	-0.1	0.0
Crackers, biscuits, and related products	0211-21042	12/11	101.4	101.4	101.4	0.0	0.0
Retail bakery products	0211-30	06/14	108.5	108.3	108.3	5.7	0.0
Retail bakery products	0211-3001	06/14	108.5	108.3	108.3	5.7	0.0
Flour and flour base mixes and doughs	0212		193.7	194.2	190.3	-5.8	-2.0
Wheat flour	0212-03		198.2	199.5	190.9	-13.0	-4.3
Wheat flour	0212-0301	06/83	193.5	194.8	186.3	-13.1	-4.4
Flour base mixes and doughs	0212-04		190.9	190.7	190.8	1.1	0.1
Flour base mixes and doughs	0212-0401	06/83	200.6	200.4	200.5	1.1	0.0
Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills	0212-04011	12/11	103.0	101.9	101.4	-0.6	-0.5
Cake mixes, including gingerbread, made from purchased flour	0212-04012	12/11	78.3	78.3	78.3	0.6	0.0
Flour mixes, excluding cake mixes, made from purchased flour	0212-04013	12/11	102.5	102.5	102.6	1.3	0.1
Milled rice and byproducts	0213		195.9	189.8	189.5	-3.8	-0.2
Head rice	0213-01		202.3	196.8	196.5	-2.9	-0.2
Head rice	0213-0106	06/03	195.9	190.6	190.2	-3.0	-0.2
Milled rice (incl second heads, screenings, brewers, bran, sharps, rice flour, and byproducts)	0213-02	06/84	139.9	130.0	130.0	-11.8	0.0
Milled rice (incl second heads, screenings, brewers, bran, sharps, rice flour, and byproducts)	0213-0201	06/84	139.9	130.0	130.0	-11.8	0.0
Cereal and pasta products	0214		230.8	229.6	230.5	-0.7	0.4
Dry macaroni, spaghetti, and egg noodle products, made from purchased flour	0214-02	06/85	210.3	206.6	205.5	-6.0	-0.5
Dry macaroni, spaghetti, and egg noodle products, made from purchased flour	0214-0203	12/02	173.1	170.0	169.1	-6.0	-0.5
Dry macaroni, spaghetti, and egg noodle products, made from purchased flour	0214-020303	06/09	116.7	114.6	114.0	-5.9	-0.5
Cereal and mill products, other than flour	0214-09	06/85	218.4	217.7	219.0	0.1	0.6
Manufactured starch	0214-0907	06/85	231.1	232.7	234.1	-2.2	0.6
Wheat mill products, corn mill products, and other grain mill products except flour	0214-0908	06/98	170.6	175.1	170.4	-0.9	-2.7
Wheat mill products, except flour	0214-09081	12/09	82.4	82.4	84.7	7.6	2.8
Corn mill products	0214-09082	12/09	115.4	119.8	114.2	-4.4	-4.7
Other grain mill products	0214-09083	12/09	110.8	112.4	110.6	-8.1	-1.6
Breakfast cereal	0214-0909	12/11	104.9	103.5	104.9	1.0	1.4
Meats, poultry, and fish	022		184.2	192.7	187.3	-6.4	-2.8
Meats	0221		179.7	190.8	182.4	-9.2	-4.4
Beef and veal products, fresh or frozen	0221-01		212.6	229.2	202.4	-19.4	-11.7
Beef, fresh/frozen variety meats/other meats, slaughtering	0221-0126	06/08	127.8	122.0	131.6	-20.6	7.9
Veal, fresh or frozen, not canned or sausage, misp	0221-0129	12/88	131.8	122.8	122.9	-19.1	0.1
Beef fresh/frozen whole, half carcass not canned or made into sausage, misp	0221-0131	06/08	132.7	123.1	122.0	-22.1	-0.9
Beef, fresh/frozen, primal and subprimal cut, slaughtering	0221-0133	12/95	186.9	205.4	178.0	-19.1	-13.3
Lamb or mutton, fresh or frozen, made in slaughtering plants	0221-03		320.2	321.8	322.3	-0.7	0.2
Lamb or mutton, fresh or frozen, made in slaughtering plants	0221-0321	12/88	256.1	257.4	257.8	-0.7	0.2
Pork products, fresh, frozen, or processed, except sausage	0221-04		137.2	146.6	150.2	3.6	2.5
Pork, fresh/frozen, unprocessed., all cuts, except sausage	0221-0444	06/01	93.5	103.8	108.1	3.5	4.1
Pork, processed or cured, not canned or made into sausage	0221-0447	06/01	138.8	141.4	141.4	3.6	0.0
Other meats, fresh, frozen, or canned	0221-05		166.1	171.5	174.7	-1.6	1.9
Fresh/processed sausage, deli & cooked meats, etc.	0221-0503	06/01	149.3	155.0	158.0	1.9	1.9
Boxed meat (beef, pork, lamb, etc.), made from purchased carcasses	0221-0504	06/08	116.3	122.6	124.0	2.1	1.1
Canned meats, excluding dog, cat, and baby food	0221-0579	12/88	151.8	159.2	159.7	-3.0	0.3
Frozen ground meat patties, portion control meats and other meat products	0221-0586	12/01	124.7	125.7	128.9	-7.8	2.5
Frozen ground meat patties, made from purchased carcasses	0221-05863	06/08	126.1	125.1	128.2	-18.1	2.5
Processed poultry	0222		157.1	163.1	162.1	-2.3	-0.6
Young chickens, including bulk, chilled, frozen, whole, and in parts	0222-03		163.6	171.7	169.0	-1.6	-1.6
Young chickens, including bulk, chilled, frozen, whole, and in parts	0222-0333	12/90	161.6	169.6	166.9	-1.6	-1.6
Turkeys, including frozen, whole, and parts	0222-06		151.2	142.2	142.8	-12.8	0.4
Turkeys, including frozen, whole, and parts	0222-0611	12/90	150.1	141.1	141.8	-12.7	0.5
Canned, cooked, smoked or prepared poultry	0222-08		148.7	157.3	159.0	1.4	1.1
Canned, cooked, smoked or prepared poultry	0222-0811	12/90	122.2	129.2	130.6	1.4	1.1
Unprocessed and prepared seafood	0223		334.6	325.3	329.9	1.0	1.4
Unprocessed finfish	0223-01		745.1	701.9	724.2	6.5	3.2
Haddock	0223-0101		191.6	347.9	327.5	–	-5.9
Halibut	0223-0102		999.5	788.4	901.3	–	14.3
Flounder	0223-0131	12/91	233.5	320.9	356.8	117.4	11.2
Cod	0223-0132	12/91	81.8	117.7	124.1	-29.8	5.4
Pollock	0223-0133	12/91	358.0	255.3	281.8	-14.3	10.4
Rockfish	0223-0135	12/91	–	–	416.2	–	–

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Tuna	0223-0136	01/16	98.2	101.4	98.2	–	-3.2
Other finfish	0223-0199	12/91	386.4	375.5	357.9	11.4	-4.7
Canned seafood (including soups, stews, and chowders)	0223-04		131.1	132.3	133.4	-6.1	0.8
Canned seafood (including soups, stews, and chowders)	0223-0429	12/84	148.6	150.0	151.2	-6.1	0.8
Unprocessed shellfish	0223-05	12/91	221.0	186.7	191.7	-0.9	2.7
Shrimp	0223-0501	12/91	94.3	89.8	80.4	-27.5	-10.5
Crabs	0223-0502	12/91	438.6	224.1	284.0	17.4	26.7
Lobsters	0223-0503	12/91	143.9	156.6	150.9	-2.5	-3.6
Clams	0223-0504	12/91	201.2	201.2	201.2	0.0	0.0
Oysters	0223-0505	01/16	100.0	100.0	100.0	–	0.0
Sea scallops	0223-0506	01/16	95.4	91.6	93.2	–	1.7
Mussels	0223-0507	01/16	100.0	100.0	100.0	–	0.0
Prepared fresh and frozen seafood	0223-06	12/11	96.7	97.7	98.2	0.1	0.5
Prepared fresh fish/seafood, inc. surimi/surimi-based products	0223-0601	12/11	96.4	105.0	102.5	3.6	-2.4
Prepared frozen fish	0223-0602	12/11	92.9	93.9	95.7	3.2	1.9
Prepared frozen shellfish	0223-0603	12/11	104.1	100.8	102.1	-1.1	1.3
Other prepared fresh and frozen seafood	0223-0604	12/11	95.6	89.8	91.3	-10.8	1.7
Dairy products	023		186.6	184.8	189.3	-1.9	2.4
Fluid milk products	0231		216.8	214.3	219.2	-1.3	2.3
Packaged fluid milk and related products	0231-03	12/82	212.2	211.5	215.1	-4.5	1.7
Fluid whole milk	0231-0301		199.7	197.8	200.2	-7.2	1.2
Reduced fat and lowfat milk (1/2-2)	0231-0302	12/82	219.9	218.7	222.1	-7.2	1.6
Fat free or skim milk	0231-0303	12/82	210.2	210.3	212.1	-11.1	0.9
Other fluid milk related products, packaged, incl. cartons, bottles, cans, and dispenser cans	0231-0304	12/82	230.8	233.0	240.3	10.1	3.1
Cottage cheese	0231-04	12/82	243.7	243.6	246.5	0.5	1.2
Cottage cheese	0231-0401	12/82	243.7	243.6	246.5	0.5	1.2
Other milk products	0231-05	12/82	197.3	197.6	198.0	-0.4	0.2
Other milk products	0231-0501	12/82	197.3	197.6	198.0	-0.4	0.2
Yogurt, excluding frozen	0231-05011	12/11	104.9	105.0	104.9	0.5	-0.1
Other packaged milk products	0231-05012	12/11	102.9	103.0	103.7	-1.9	0.7
Bulk fluid milk and cream	0231-06	12/91	169.5	161.9	171.5	6.3	5.9
Bulk fluid milk and cream	0231-0601	12/91	169.5	161.9	171.5	6.3	5.9
Butter	0232		144.2	161.5	162.5	17.9	0.6
Butter	0232-01		144.2	161.5	162.5	17.9	0.6
Butter	0232-0114	06/84	143.9	161.2	162.2	17.9	0.6
Natural, processed, and imitation cheese	0233		158.2	154.4	159.6	-5.2	3.4
Natural cheese, except cottage cheese	0233-02		151.5	147.4	153.4	-5.1	4.1
Natural cheese, except cottage cheese	0233-0212	06/88	166.2	161.7	168.3	-5.0	4.1
Natural cheese, except lowfat, shipped in consumer packages or containers (3 lbs or less)	0233-02121	12/07	116.6	116.7	117.5	-0.7	0.7
Natural cheese, except lowfat, shipped in packages or containers (more than 3 lbs.) or bulk	0233-02122	12/07	79.8	76.7	80.8	-7.8	5.3
Lowfat natural cheese, except cottage cheese, shipped in consumer packages (3 lbs. or less)	0233-02123	06/10	110.2	104.6	110.2	-0.1	5.4
Lowfat natural cheese, except cottage cheese, shipped in packages (more than 3 lbs.) or in bulk	0233-02124	06/10	109.2	106.9	114.4	-3.0	7.0
Process cheese and related products	0233-03		154.0	151.5	153.8	-5.9	1.5
Process cheese and related products	0233-0312	06/88	163.7	161.0	163.4	-5.9	1.5
Process cheese, shipped in consumer packages or containers (3 lbs. or less)	0233-03121	06/10	113.1	113.3	112.6	-1.7	-0.6
All other process cheese and related products	0233-03122	06/10	111.3	108.5	111.3	-7.9	2.6
Cheese substitutes and imitations	0233-04	06/88	273.7	273.7	269.8	-1.4	-1.4
Cheese substitutes and imitations	0233-0401	06/88	273.7	273.7	269.8	-1.4	-1.4
Liquid raw whey	0233-07	12/04	116.3	116.2	121.3	-23.2	4.4
Liquid raw whey	0233-0701	12/04	116.3	116.2	121.3	-23.2	4.4
Ice cream and frozen desserts	0234		228.2	226.7	227.3	0.4	0.3
Ice cream and frozen desserts	0234-02	06/83	225.1	223.7	224.2	0.4	0.2
Ice Cream and frozen desserts	0234-0201	06/83	225.1	223.7	224.2	0.4	0.2
Ice cream, excl. lowfat and nonfat (incl. custards), shipped in bulk (containers 3 gal or more)	0234-02011	12/11	109.2	108.5	107.4	0.4	-1.0
Ice cream, excl. lowfat and nonfat (incl. custards), shipped in sizes (less than 3 gal)	0234-02012	12/11	105.8	105.2	105.7	0.3	0.5
Ice cream, excl. lowfat and nonfat, (incl. custards), novelty forms	0234-02013	12/11	105.0	104.4	105.1	0.1	0.7
Lowfat and nonfat ice cream (including custards)	0234-02014	12/11	104.1	102.2	102.2	-1.1	0.0
Other frozen desserts (yogurt, sherbet, water ices, mellorine, frozen pudding etc.)	0234-02015	12/11	107.2	107.1	106.9	1.8	-0.2
Dry, condensed, and evaporated milk products	0235		154.3	152.3	157.8	-2.7	3.6

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Dry milk products, including feed grade	0235-02	12/83	129.1	126.9	134.9	-2.5	6.3
Dry milk products, including feed grade	0235-0201	12/83	129.1	126.9	134.9	-2.5	6.3
Liquid milk products	0235-03	12/83	193.6	191.9	192.9	-6.0	0.5
Consumer-type canned milk products	0235-0301	12/83	248.8	247.8	247.9	-0.2	0.0
Bulk liquid milk products, including feed grade	0235-0303	12/83	96.0	92.9	95.7	-25.9	3.0
Ice cream mixes and related products	0235-05	06/02	118.6	117.3	119.6	9.6	2.0
Ice cream mixes and related products	0235-0502	06/02	118.6	117.3	119.6	9.6	2.0
Processed fruits and vegetables	024		197.4	198.2	199.1	0.5	0.5
Canned fruits and juices	0241		220.1	220.5	224.4	3.1	1.8
Canned fruits, excluding baby foods	0241-01		233.4	225.9	225.3	-2.2	-0.3
Canned fruits, excluding baby foods	0241-0105	12/87	205.6	199.0	198.5	-2.2	-0.3
Canned and fresh fruit juices, nectars, and concentrates	0241-02		217.2	221.5	227.6	5.9	2.8
Canned and fresh fruit juices, nectars, and concentrates	0241-0239	12/87	178.8	182.3	187.4	5.9	2.8
Frozen fruits, juices and ades	0242		189.9	193.9	192.8	0.3	-0.6
Frozen fruits	0242-02		221.2	223.1	219.5	-2.7	-1.6
Frozen fruits	0242-0209	12/90	208.8	210.6	207.2	-2.7	-1.6
Frozen juices, ades, drinks, and cocktails	0242-03		174.6	180.1	180.9	3.1	0.4
Frozen concentrated orange juice, consumer and institutional	0242-0301		171.8	177.4	178.0	-0.4	0.3
Frozen concentrated juices, excluding orange juice	0242-0314	06/05	64.2	66.1	66.4	7.1	0.5
Canned vegetables and juices	0244		165.4	167.1	165.6	-6.0	-0.9
Canned vegetables and juices	0244-01		165.4	167.1	165.6	-6.0	-0.9
Canned vegetables	0244-0102	12/87	175.0	177.0	176.7	-7.7	-0.2
Canned catsup and other tomato based sauces	0244-0127	12/87	150.3	151.9	149.4	-6.2	-1.6
Canned vegetable juices	0244-0139	12/87	135.2	135.1	135.0	6.0	-0.1
Frozen vegetables	0245		195.2	195.5	195.5	1.1	0.0
Frozen potato products (French-fried, patties, puffs, etc.)	0245-02	12/90	191.4	191.6	191.6	1.4	0.0
Frozen potato products (French-fried, patties, puffs, etc.)	0245-0202		241.0	241.4	241.4	1.5	0.0
Frozen vegetables, other than potato products	0245-05	12/90	138.7	139.0	139.0	0.7	0.0
Frozen vegetables, other than potato products	0245-0509	06/97	136.2	136.5	136.5	0.7	0.0
Dried and dehydrated food	0248	12/03	165.4	164.8	166.7	5.6	1.2
Dried and dehydrated food	0248-01	12/03	165.4	164.8	166.7	5.6	1.2
Dried and dehydrated food	0248-0101	12/03	165.4	164.8	166.7	5.6	1.2
Dried and dehydrated fruits and vegetables incl. freeze-dried	0248-010102	12/11	108.6	107.9	109.1	3.4	1.1
Sugar and confectionery	025		219.4	220.4	220.5	0.6	0.0
Raw cane sugar and sugar cane mill products and by-products	0252		152.5	157.3	160.7	7.2	2.2
Raw cane sugar and sugar cane mill products and by-products	0252-01		152.5	157.3	160.7	7.2	2.2
Raw cane sugar and sugar cane mill products and by-products	0252-0106	12/03	140.8	145.2	148.3	7.2	2.1
Refined sugar products and by-products	0253		167.1	165.5	164.9	-3.2	-0.4
Refined sugar products and by-products	0253-07	12/02	139.2	137.8	137.3	-3.2	-0.4
Refined granulated cane sugar and by-products	0253-0701	12/02	155.1	157.1	158.0	2.6	0.6
Beet sugar	0253-0702	12/02	127.5	123.7	122.3	-7.8	-1.1
Confectionery materials	0254		175.7	177.0	177.4	8.2	0.2
Confectionery materials	0254-01		175.7	177.0	177.4	8.2	0.2
Chocolate coatings, made from cacao beans	0254-0104	06/83	139.9	–	135.0	-2.9	–
Other chocolate and cocoa products, made from cacao beans	0254-0105	06/83	232.3	223.6	222.6	-4.0	-0.4
Sweetened chocolate, excluding coatings, cacao beans	0254-01051	12/11	102.8	101.7	100.1	-1.1	-1.6
Sweet./unsweet. chocolate/cocoa powder, cacao beans	0254-01052	12/11	104.4	94.4	94.4	-9.6	0.0
Cocoa butter, liquor, and cocoa base chocolate syrup made from cacao beans	0254-01053	12/11	116.5	–	–	–	–
Corn sweeteners	0254-0107	06/85	187.5	194.3	195.8	17.5	0.8
Confectionery end products	0255		280.2	281.7	281.5	-0.7	-0.1
Chewing gum, bubble gum, and chewing gum base	0255-02		247.6	247.6	247.6	0.1	0.0
Chewing gum, bubble gum, and chewing gum base	0255-0201		247.6	247.6	247.6	0.1	0.0
Candy and nuts	0255-03	06/83	253.1	254.6	254.4	-0.7	-0.1
Chocolate and chocolate-type confectionery products	0255-0301	06/83	241.7	242.5	242.0	1.0	-0.2
Chocolate/chocolate-type confectionery prods, cacao beans	0255-03011	12/11	106.4	106.8	105.7	-0.4	-1.0
Chocolate/confectionery prods., purch. chocolate	0255-03012	12/11	106.4	106.6	106.6	1.2	0.0
Chocolate & confectioneries, purchased chocolate retailed	0255-03013	12/11	109.1	111.0	110.8	2.7	-0.2
Nonchocolate-type confectionery products	0255-0302	06/83	208.7	209.2	209.6	0.8	0.2
Nonchocolate-type confectioneries, made/pkg for shipment	0255-03021	12/11	99.2	99.5	99.7	0.8	0.2
Nuts and seeds (salted, roasted, cooked or blanched)	0255-0304	06/91	224.8	227.6	227.6	-4.6	0.0
Nuts (salted, roasted, cooked, or blanched), sold in bulk	0255-03041	06/08	164.8	167.9	168.0	-12.5	0.1
Canned nuts (salted, roasted, cooked, or blanched)	0255-03042	06/08	127.2	127.2	127.2	8.0	0.0
All other packaged nuts, and all seeds (salted, roasted, cooked, or blanched)	0255-03043	06/08	190.0	192.0	192.0	2.5	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Other confectionery-type products	0255-0305	06/91	172.0	172.1	172.2	0.4	0.1
Beverages and beverage materials	026		202.7	201.4	201.5	2.1	0.0
Alcoholic beverages	0261		193.1	193.3	193.6	0.5	0.2
Malt beverages	0261-01		205.9	206.1	206.2	0.4	0.0
Bottled beer and ale	0261-0101		176.2	176.4	176.5	0.7	0.1
Canned beer and ale	0261-0103		218.3	218.3	218.3	0.0	0.0
Beer and ale in barrels and kegs	0261-0105	06/82	280.4	281.6	282.7	1.8	0.4
Other malt beverages and brewing products	0261-0108	12/03	91.2	91.2	91.2	0.0	0.0
Distilled and bottled liquor, excluding brandy	0261-02		184.5	184.5	185.0	0.4	0.3
Distilled liquor, excluding brandy	0261-0202	12/11	93.5	93.3	94.1	1.0	0.9
Bottled liquor, excluding brandy	0261-0204	12/11	100.4	100.4	100.4	0.0	0.0
Bottled whiskey	0261-02041	06/12	100.6	100.6	100.6	0.0	0.0
Bottled gin, vodka, cordials, cocktails, and similar compounds	0261-02042	06/12	102.0	102.1	102.1	0.0	0.0
All other bottled liquor, except brandy	0261-02043	06/12	97.5	97.5	97.5	0.0	0.0
Wines, brandy, and brandy spirits	0261-04	12/83	171.7	172.1	172.7	1.0	0.3
Wines, brandy, and brandy spirits	0261-0441	06/06	109.5	109.8	110.1	0.9	0.3
Wines, white, red & rose grape, and other fruit, 14 percent or less alcohol	0261-04411	12/11	103.7	103.9	104.3	1.0	0.4
Wines, white grape, 14 percent or less alcohol content	0261-044111	12/11	102.9	102.9	102.9	0.2	0.0
Wines, red grape, 14 percent or less alcohol content	0261-044112	12/11	102.5	102.5	103.4	1.4	0.9
Wines, rose grape & other fruits & berries, 14 percent or less alcohol	0261-044113	12/11	125.1	130.0	128.8	2.8	-0.9
Wines, dessert, effervescent, and wine coolers	0261-04412	12/11	103.3	104.2	104.2	2.5	0.0
Wines, effervescent, including sparkling (carbonated), wine coolers	0261-044122	12/11	102.1	103.0	103.0	2.8	0.0
Other wines, brandy, and brandy spirits	0261-04413	12/11	101.0	101.0	101.0	0.0	0.0
Soft drinks	0262		207.9	205.4	205.5	4.8	0.0
Soft drinks, non-carbonated and bottled water	0262-06		188.8	187.9	188.3	-0.1	0.2
Bottled water, non-carb, processed or pasteurized	0262-0608	12/03	91.7	90.2	91.0	-0.1	0.9
Soft drinks, non-carbonated	0262-0609		206.0	206.1	205.8	-0.1	-0.1
Soft drinks, non-carbonated, all other types	0262-06093	12/07	108.9	108.8	108.6	0.0	-0.2
Soft drinks, non-carbonated, fruit drinks, cocktails, ades	0262-06094	12/11	103.6	103.7	103.7	-0.2	0.0
Soft drinks, bottle/can, carbonated, all types	0262-10	12/11	116.9	114.9	114.8	8.1	-0.1
Soft drinks, bottle/can, carbonated, all types	0262-1001	12/11	116.9	114.9	114.8	8.1	-0.1
Packaged beverage materials	0263		196.4	192.5	192.2	-4.3	-0.2
Coffee (whole bean, ground, & instant)	0263-01		199.3	194.6	194.8	-4.9	0.1
Roasted coffee	0263-0104	06/88	175.2	170.5	170.7	-5.7	0.1
Tea in consumer packages, exc. canned ice tea	0263-03		177.5	178.1	175.1	-0.7	-1.7
Tea in consumer packages, exc. canned ice tea	0263-0313	12/85	150.5	151.0	148.5	-0.7	-1.7
Other beverage materials	0264		223.8	223.7	223.5	2.7	-0.1
Other beverage materials	0264-01		223.8	223.7	223.5	2.7	-0.1
Malt and malt by-products	0264-0101		147.9	147.6	146.8	-1.3	-0.5
Liquid beverage bases, excluding use by soft drink bottlers	0264-0109	12/85	181.3	181.3	181.3	0.1	0.0
Fats and oils	027		239.0	248.0	245.6	-1.3	-1.0
Shortening, cooking oil, and margarine	0278		237.4	246.3	244.1	-1.0	-0.9
Shortening, cooking oil, and margarine	0278-01		237.4	246.3	244.1	-1.0	-0.9
Margarine, butter blends, and butter substitutes	0278-0109		318.7	324.9	333.4	6.4	2.6
Shortening and cooking oils	0278-0115	12/11	75.8	78.9	77.7	-2.3	-1.5
Other oilseed processing	027A	12/04	213.8	216.5	212.1	-3.6	-2.0
Other oilseed processing	027A-01	12/04	213.8	216.5	212.1	-3.6	-2.0
Cotton linters	027A-0104	12/11	57.8	57.8	57.8	18.9	0.0
Cottonseed cake, meal, hulls, and other byproducts	027A-0105	12/11	69.8	81.0	78.9	-5.5	-2.6
Cottonseed cake and meal	027A-01051	12/11	76.2	92.5	89.8	-6.1	-2.9
Other vegetable oils and vegetable mill products	027A-0106	12/11	103.1	103.0	103.0	-1.2	0.0
Miscellaneous processed foods	028		221.2	218.6	218.6	-7.4	0.0
Canned jams, jellies, and preserves	0281		186.1	186.0	186.0	0.3	0.0
Canned jams, jellies, and preserves	0281-01		186.1	186.0	186.0	0.3	0.0
Canned jams, jellies, and preserves	0281-0102	12/87	164.7	164.6	164.7	0.4	0.1
Pickles and other pickled products, including horseradish	0282		224.1	224.3	224.4	1.5	0.0
Pickles and other pickled products	0282-01		224.1	224.3	224.4	1.5	0.0
Pickles and other pickled products, including horseradish	0282-0106	12/86	200.3	200.5	200.6	1.5	0.0
Processed eggs, liquid, dried, or frozen	0283		175.8	109.7	98.8	-82.6	-9.9
Processed eggs, liquid, dried, or frozen	0283-01		175.8	109.7	98.8	-82.6	-9.9
Processed eggs, liquid, dried, or frozen	0283-0111	12/90	144.6	90.3	81.3	-82.6	-10.0
Specialty canning	0284		234.1	234.4	233.8	-0.7	-0.3
Specialty canning	0284-01		234.1	234.4	233.8	-0.7	-0.3
Canned dry beans	0284-0102	12/82	161.2	160.1	160.5	-4.8	0.2

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Canned soups and stews, excluding frozen and seafood	0284-0104	12/82	314.1	314.4	313.7	0.3	-0.2
Canned baby foods and other canned specialties/nationality foods	0284-0105	06/08	111.4	112.6	111.7	-0.1	-0.8
Frozen specialty food	0285		188.1	188.8	186.1	-1.6	-1.4
Frozen specialty food	0285-01		188.1	188.8	186.1	-1.6	-1.4
Frozen bakery products	0285-0109	12/82	269.9	269.2	269.3	0.8	0.0
Frozen dinners and nationality foods	0285-0111	12/82	161.8	163.2	158.5	-3.8	-2.9
Other frozen specialties, excluding seafood	0285-0113	12/82	184.3	184.5	184.6	0.5	0.1
Prepared sauces, except tomato	0286		190.7	190.6	191.1	0.0	0.3
Prepared sauces, except tomato	0286-01		190.7	190.6	191.1	0.0	0.3
Prepared sauces, except tomato	0286-0103	12/86	158.2	158.1	158.5	0.0	0.3
Other miscellaneous processed foods	0289		235.9	235.6	237.6	1.5	0.8
Other miscellaneous processed foods	0289-01		235.9	235.6	237.6	1.5	0.8
Mayonnaise, salad dressings, and sandwich spreads	0289-0102	12/86	219.7	219.4	219.7	-1.5	0.1
Dry mix food preparations	0289-0148	06/91	139.1	138.3	138.0	-0.8	-0.2
Perishable non-frozen prepared food, including tortillas	0289-0149	06/91	162.8	160.9	160.8	0.1	-0.1
Perishable prepared food	0289-01492	12/07	117.9	116.3	116.2	0.2	-0.1
Flavoring extracts, emulsions & other liquid flavors	0289-0151	12/85	209.6	209.7	239.9	22.3	14.4
Other flavoring agents, except chocolate syrup	0289-0154	12/00	120.4	120.3	120.3	2.1	0.0
Soft drink flavoring syrup, sold in bulk	0289-015411	12/11	115.8	115.8	115.8	3.2	0.0
Other flavoring agents (except chocolate syrups)	0289-015412	12/11	104.6	104.4	104.4	2.0	0.0
Table salt (evaporated), pepper (white and black), and other spices	0289-0156	06/91	223.9	225.4	223.6	-3.6	-0.8
Peanut butter	0289-0158	06/91	135.8	135.8	135.8	0.0	0.0
Ice	0289-0161	12/85	203.8	203.9	202.7	-0.5	-0.6
Dairy product substitutes	0289-0162	06/92	161.1	165.0	165.1	6.4	0.1
Perishable dairy product substitutes	0289-01622	12/09	109.0	116.6	116.8	–	0.2
Chips (potato, corn, etc.)	0289-0172	12/85	207.9	208.1	208.3	0.3	0.1
Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.)	0289-01723	12/07	127.9	128.1	128.1	0.6	0.0
Vinegar and cider	0289-0174	12/85	157.6	158.5	157.5	-0.5	-0.6
Other food preparations	0289-0175	12/85	213.9	211.8	212.4	-2.4	0.3
Prepared animal feeds	029		178.7	200.1	203.8	4.5	1.8
Soybean cake, meal, and other byproducts	0292		122.7	173.1	177.0	11.0	2.3
Soybean cake, meal, and other byproducts	0292-01		122.7	173.1	177.0	11.0	2.3
Soybean cake, meal, and other byproducts	0292-0112	12/04	149.7	211.2	215.9	11.1	2.2
Soybean cake and meal	0292-01121	12/09	83.2	121.8	125.1	13.3	2.7
Other soybean products, including isolates and concentrates	0292-01122	12/09	127.3	122.0	117.3	-12.9	-3.9
Formula feeds	0293		196.6	207.6	209.6	1.1	1.0
Formula feeds	0293-01		196.6	207.6	209.6	1.1	1.0
Chicken and turkey feed, supplements, concentrates, and premixes	0293-0102	12/86	189.8	202.3	207.7	2.7	2.7
Dairy cattle feed, supplements, concentrates, and premixes	0293-0110	12/11	91.3	97.5	96.2	-1.8	-1.3
Swine feed, supplements, concentrates, and premixes	0293-0115	12/11	91.0	98.0	97.6	1.7	-0.4
Beef cattle feed, supplements, concentrates, and premixes	0293-0117	12/11	99.6	100.2	99.3	-2.7	-0.9
Other poultry and livestock feeds	0293-0118	12/86	255.3	258.0	258.1	2.6	0.0
Miscellaneous feedstuffs	0294		227.7	240.9	246.5	4.0	2.3
Pet food	0294-02		254.4	259.3	259.1	2.0	-0.1
Dog and cat food	0294-0202	12/85	219.2	223.5	223.5	2.5	0.0
Dog food	0294-02021	12/10	112.0	115.1	115.1	2.7	0.0
Canned dog food	0294-020211	12/10	105.6	106.0	106.0	0.4	0.0
Dry and semi-moist dog food	0294-020214	12/11	110.3	114.0	114.0	3.3	0.0
Cat food	0294-02022	12/10	113.8	114.2	114.2	2.1	0.0
Canned cat food	0294-020224	12/11	117.8	119.4	119.4	5.9	0.0
Dry and semi-moist cat food	0294-020225	12/10	108.2	108.0	108.0	-0.2	0.0
Other pet and specialty feeds	0294-0203	12/85	202.8	206.6	204.8	-2.3	-0.9
Miscellaneous feedstuffs other than pet food	0294-03		176.2	199.7	212.7	7.4	6.5
Meat meal and meat and bone meal	0294-0301		115.7	153.4	171.2	14.8	11.6
Corn wet process byproducts, incl. gluten meal	0294-0317	06/85	120.3	114.5	120.9	-8.1	5.6
Other animal feeds, incl. fertilizer byproducts and feather	0294-0325	12/97	148.4	161.5	179.4	6.4	11.1
Animal and marine feed and fertilizer byproducts, except meat and bone meal	0294-03252	06/09	79.9	93.1	112.5	16.8	20.8
Other prepared animal feeds, including feeding materials and adjuncts	0294-03253	06/09	86.3	86.6	85.5	-7.2	-1.3
Miscellaneous by-products of meat packing	0294-0333	06/01	248.9	329.9	326.6	22.5	-1.0
Textile products and apparel	03		143.4	143.1	142.9	-0.8	-0.1
Synthetic fibers	031		119.0	119.0	118.7	-2.5	-0.3
Unprocessed filament yarns	0315		123.3	123.3	123.0	-2.5	-0.2
Noncellulosic fibers	0315-02		108.3	108.3	108.0	-3.1	-0.3
Noncellulosic organic fibers	0315-0241	06/05	99.1	99.2	98.8	-3.9	-0.4

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Polyester fibers	0315-02411	06/11	75.7	75.8	75.8	-2.2	0.0
Other noncellulosic organic fibers, incl. polyamide, polyolefin, and producer-textured	0315-02412	06/11	94.8	94.8	94.4	-4.2	-0.4
Processed yarns and threads	032		133.6	132.4	132.9	-1.8	0.4
Yarns	0326		128.0	126.9	127.3	-1.9	0.3
Spun cotton yarns	0326-01		95.3	93.3	93.6	-4.2	0.3
Carded cotton yarns	0326-0113	12/00	101.4	99.3	99.5	-4.5	0.2
Spun wool yarns, including new, reused, and reprocessed wool	0326-02		197.1	197.1	207.8	4.6	5.4
Spun wool yarns, including new, reused, and reprocessed wool	0326-0206	12/04	157.6	157.6	166.2	4.6	5.5
Spun synthetic yarns	0326-03		137.6	138.0	138.0	-0.1	0.0
Spun synthetic yarns	0326-0304	12/94	123.4	123.7	123.7	-0.2	0.0
Textured and twisted yarn	0326-04	12/88	142.7	141.2	141.7	-1.6	0.4
Textured, crimped, or bulked filament yarns	0326-0403	12/96	124.8	123.1	123.3	-1.8	0.2
Other spun noncellulosic and natural fiber (except cotton and wool) yarns	0326-07	06/08	113.9	114.3	114.5	-0.7	0.2
Other spun noncellulosic and natural fiber (except cotton and wool) yarns	0326-0701	06/08	113.9	114.3	114.5	-0.7	0.2
Thread	0327		269.5	269.5	269.5	0.0	0.0
Thread	0327-05	12/00	164.5	164.5	164.5	0.0	0.0
Thread	0327-0501	12/00	164.5	164.5	164.5	0.0	0.0
Greige fabrics	033		137.8	137.0	137.3	-1.6	0.2
Greige broadwoven fabrics	0337		137.9	137.2	137.5	-0.7	0.2
Greige cotton broadwoven fabrics	0337-01		122.6	121.9	122.6	-0.9	0.6
Greige cotton broadwoven fabrics	0337-0104	12/94	103.9	103.3	103.9	-0.9	0.6
Greige manmade fiber broadwoven fabrics	0337-03		137.2	136.7	136.8	-0.7	0.1
Greige manmade fiber broadwoven fabrics	0337-0304	12/94	120.6	120.1	120.2	-0.7	0.1
Greige manmade fiber broadwoven fabrics, comb. of spun and filament yarns	0337-03041	06/11	103.6	104.0	104.0	0.1	0.0
Greige manmade fiber broadwoven fabrics 85 pct. or more filament yarns, rayon/acetate/lyocell	0337-03042	06/11	113.3	113.3	–	–	–
Greige manmade fiber broadwoven fabrics 85 pct or more filament yarns exc rayon/acetate/lyocell	0337-03043	06/11	101.3	100.3	100.3	-1.5	0.0
Greige manmade fiber broadwoven plain weave fabrics 85 pct. or more spun yarns	0337-03044	06/11	88.1	88.1	88.0	-0.2	-0.1
Greige manmade fiber broadwoven twill weave fabrics 85 pct. or more spun yarns	0337-03045	06/11	97.3	97.1	96.6	-1.1	-0.5
Greige knit fabrics	0338		161.5	161.5	161.5	-3.6	0.0
Greige weft (circular) knit fabrics (excluding hosiery)	0338-03		162.1	162.1	162.1	-7.6	0.0
Greige weft (circular) knit fabrics (excluding hosiery)	0338-0301		162.1	162.1	162.1	-7.6	0.0
Greige warp knit fabrics (excl hosiery)	0338-04		154.0	154.0	154.0	0.1	0.0
Greige warp knit fabrics (excl hosiery)	0338-0401		154.0	154.0	154.0	0.1	0.0
Tire cord and tire fabric	0339	06/84	127.4	125.8	126.3	-3.4	0.4
Tire cord and tire fabric	0339-01	06/84	127.4	125.8	126.3	-3.4	0.4
Tire cord and tire fabric	0339-0101	06/84	127.4	125.8	126.3	-3.4	0.4
Finished fabrics	034		154.0	154.0	153.3	-0.3	-0.5
Finished broadwoven fabrics	0342		156.8	156.8	156.2	-0.4	-0.4
Finished cotton broadwoven fabrics	0342-01		148.6	148.6	147.5	-1.3	-0.7
Finished cotton broadwoven fabrics	0342-0104	12/94	131.6	131.6	130.6	-1.3	-0.8
Finished wool broadwoven fabrics and felts	0342-02		157.4	157.4	157.4	2.5	0.0
Finished wool broadwoven fabrics and felts	0342-0209	12/03	124.9	124.9	124.9	2.5	0.0
Finished manmade fiber, silk and other natural fiber (excl. cotton and wool) broadwoven fabrics	0342-03		163.4	163.4	163.0	-0.2	-0.2
Finished manmade fiber, silk and other natural fiber (excl. cotton and wool) broadwoven fabrics	0342-0304	12/94	134.5	134.5	134.2	-0.1	-0.2
Woven and braided narrow fabrics	0344		180.6	180.6	180.6	1.1	0.0
Woven and braided narrow fabrics	0344-02	06/84	180.6	180.6	180.6	1.1	0.0
Woven narrow fabrics	0344-0204	12/89	163.7	163.7	163.7	0.7	0.0
Braided narrow fabrics	0344-0205	12/08	134.5	134.3	134.3	2.8	0.0
Nonwoven fabrics and felts	0345		167.0	166.6	165.0	-1.3	-1.0
Nonwoven fabrics and felts	0345-03		167.0	166.6	165.0	-1.3	-1.0
Nonwoven fabrics	0345-0321		164.3	163.9	162.1	-1.5	-1.1
Pressed, punched, or needled felts, except hats	0345-0333	12/01	128.1	128.1	128.1	0.1	0.0
Coated fabrics, not rubberized	0346	06/85	196.2	196.8	196.0	-0.6	-0.4
Coated fabrics, not rubberized	0346-01	06/85	196.2	196.8	196.0	-0.6	-0.4
Vinyl coated fabrics, including expanded vinyl coated	0346-0102	06/85	189.5	190.8	190.5	0.7	-0.2
Other coated or laminated fabrics and coated yarns, incl. impregnated	0346-0103	06/85	202.5	202.8	201.6	-1.2	-0.6
Screen printed textile materials, embroideries, and lace goods	0347	06/85	168.0	168.0	168.0	1.1	0.0
Screen printed textile materials and embroideries	0347-01	06/85	168.2	168.2	168.2	1.1	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Embroideries and embroidery contractors (excluding Schiffli)	0347-0103	12/11	109.1	109.1	109.1	1.3	0.0
Schiffli machine embroideries	0347-0105	06/85	173.6	173.6	173.6	5.5	0.0
Screen printing on garments, apparel accessories, and other fabric articles, except labels	0347-0108	12/85	163.8	163.8	163.8	1.0	0.0
Knit fabrics, finished in knitting mills	0348	12/03	119.1	119.1	119.1	0.0	0.0
Finished weft (circular) knit fabrics (excluding hosiery)	0348-01	12/03	134.6	134.6	134.6	0.0	0.0
Finished weft (circular) knit fabrics (excluding hosiery)	0348-0101	12/03	134.6	134.6	134.6	0.0	0.0
Finished warp knit fabrics	0348-02	12/03	104.7	104.7	104.7	0.0	0.0
Finished warp knit fabrics	0348-0201	12/03	104.7	104.7	104.7	0.0	0.0
Apparel & other fabricated textile prods	038		149.1	149.2	149.4	0.7	0.1
Apparel	0381		140.1	139.8	140.2	0.6	0.3
Miscellaneous apparel and accessories	0381-04	12/83	175.1	175.9	176.7	1.3	0.5
Fur products	0381-0407	12/83	230.1	231.2	230.9	-1.1	-0.1
Men's and boys' fabric, straw, and felt hats	0381-0414	12/09	120.7	120.7	120.7	0.8	0.0
Women's, girls', and infants' fabric, straw, and felt hats	0381-0415	12/09	126.8	126.8	126.8	1.8	0.0
Hat bodies and fabric caps	0381-0416	12/09	122.2	123.9	123.1	1.4	-0.6
Gloves and mittens	0381-0424	12/11	111.7	112.3	112.6	1.2	0.3
Leather and sheep-lined clothing	0381-0428	12/03	162.8	164.1	164.1	1.0	0.0
Apparel and accessories, n.e.c.	0381-0441	12/85	151.5	152.1	153.2	1.5	0.7
All other cut and sew apparel	0381-04411	06/09	109.6	110.1	111.3	2.0	1.1
Men's and boys' team sport uniforms	0381-044111	12/11	105.0	106.7	106.7	2.5	0.0
Vestments and costumes	0381-044115	12/11	104.3	104.3	104.3	0.5	0.0
Apparel 50 pct or greater plastic or rubber, incl raincoats and rubber pants (excl wet suits)	0381-044117	12/11	99.2	99.2	99.2	0.2	0.0
Fabricated apparel accessories	0381-04412	06/09	104.9	105.2	105.1	0.1	-0.1
All other apparel accessories	0381-044125	12/11	101.4	101.6	101.5	0.1	-0.1
Women's, girls', and infants' cut and sew apparel	0381-06	12/03	106.0	105.2	105.8	0.7	0.6
Women's and girls' knit shirts and blouses	0381-0601	12/03	107.4	105.5	105.5	-0.8	0.0
Women's and girls' woven shirts and blouses	0381-0602	12/03	101.8	102.3	102.7	2.7	0.4
Women's and girls' dresses	0381-0611	12/03	104.9	103.6	105.0	0.2	1.4
Women's and girls' skirts	0381-0623		118.4	119.0	119.3	1.3	0.3
Women's and girls' tailored jackets and vests, except fur and leather	0381-0624		130.1	130.3	130.6	1.2	0.2
Women's and girls' slacks, jeans, & jean-cut casual slacks (exc sweatpants)	0381-0631	12/03	97.2	97.3	97.6	0.9	0.3
Women's and girls' swimwear	0381-0632	12/03	110.8	107.2	108.5	1.2	1.2
Women's and girls' sweaters, including sweater vests	0381-0636	12/09	101.2	101.3	101.3	0.1	0.0
Women's and girls' shorts, including tennis skirts	0381-0637	12/09	107.0	108.1	110.4	5.3	2.1
Women's and girls' sweatpants, bodysuits, warm-up suits, rompers, & beachwear (exc. swimwear)	0381-0638	12/09	113.4	113.4	113.5	3.4	0.1
Women's and girls' nontailored coats, jackets, vests, and service apparel	0381-0639	12/09	99.0	99.0	99.0	0.2	0.0
Women's and girls' underwear, except foundation garments	0381-0641	12/03	111.9	111.9	111.9	0.0	0.0
Women's and girls' nightwear, except robes	0381-0642	12/03	117.1	117.1	117.1	0.0	0.0
Women's and girls' robes and dressing gowns	0381-0645		200.0	200.0	200.0	0.0	0.0
Women's and girls' brassieres, corsets (exc. surgical), girdles, & combinations	0381-0646		159.8	159.9	159.9	0.1	0.0
Infants' apparel	0381-0654	12/11	101.2	101.2	101.2	0.1	0.0
Men's and boys' cut and sew apparel	0381-07	12/03	113.1	113.1	113.2	-0.1	0.1
Men's and boys' separate dress and sport trousers, pants, & slacks	0381-0701	12/03	114.8	–	114.8	0.0	–
Men's and boys' jeans and jean-cut casual slacks	0381-0702	12/03	94.0	94.0	94.0	0.0	0.0
Men's work shirts	0381-0711	12/03	106.7	106.4	106.5	-0.3	0.1
Men's work clothing and washable service apparel (excluding work shirts)	0381-0712	12/03	116.8	117.0	117.2	0.3	0.2
Men's and boys' knit dress and sport shirts	0381-0721	12/03	131.3	131.1	131.2	-0.2	0.1
Men's and boys' woven dress and sport shirts	0381-0722	12/03	121.2	121.2	121.2	-0.5	0.0
Men's and boys' suits, coats, and overcoats	0381-0735	12/13	99.5	99.6	99.7	-1.2	0.1
Men's and boys' tailored suits, including dress uniforms	0381-07352	12/03	107.5	107.7	107.8	-1.6	0.1
Men's and boys' tailored overcoats, dress and sport coats, and vests	0381-07353	12/08	105.2	105.2	105.2	0.0	0.0
Men's and boys' nontailored coats, jackets, and vests (exc. ski apparel & work jackets)	0381-0741	12/03	110.2	110.2	110.3	0.4	0.1
Men's and boys' heavyweight nontailored coats, jackets, and vests	0381-07411	12/11	107.3	107.4	107.5	1.0	0.1
Men's and boys' lightweight nontailored coats, jackets, and vests	0381-07412	12/11	113.0	113.0	113.0	-0.5	0.0
Men's and boys' shorts (including dress and athletic) and swimwear	0381-0742	12/03	95.4	95.9	95.5	0.1	-0.4
Men's and boys' sweaters, sweatpants, beachwear (exc. swim), & ski apparel	0381-0743	12/03	116.5	116.5	116.5	2.3	0.0
Men's and boys' neckwear	0381-0751	12/03	109.2	109.2	109.2	1.2	0.0
Men's and boys' underwear, nightwear, and robes	0381-0761	12/03	133.8	133.8	133.8	0.1	0.0
Apparel made in knitting mills	0381-08	12/03	113.6	113.6	113.6	0.6	0.0
Knit outerwear, underwear, and nightwear, made in knitting mills	0381-0808	05/16	–	100.0	100.0	–	0.0
Knit outerwear, made in knitting mills	0381-08081	06/05	119.4	–	–	–	–
Women's and girls' sheer finished pantyhose, including tights, all needle	0381-0821	12/03	123.4	123.4	124.2	0.6	0.6
Men's finished seamless hosiery and socks	0381-0824	12/03	112.5	112.5	112.5	1.4	0.0
All other finished hosiery, other than sheer	0381-0825	12/03	112.2	112.4	112.4	1.6	0.0
Seamless hosiery (except sheer) shipped in the greige	0381-0826	12/03	105.1	105.1	104.6	-0.5	-0.5

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Textile house furnishings	0382		163.6	164.1	164.1	0.6	0.0
Textile house furnishings	0382-03	06/83	176.2	176.7	176.7	0.5	0.0
Curtains and draperies	0382-0304	12/05	122.9	123.1	123.1	1.3	0.0
Other textiles, incl towels and bed textiles	0382-0312	06/05	134.4	134.8	134.8	0.4	0.0
Fabricated textile products, made in weaving mills	0382-03121	06/11	100.9	100.9	100.9	-0.9	0.0
Other household textile products	0382-03122	06/11	120.4	120.9	120.9	0.6	0.0
Bedspreads and bedsets	0382-031221	12/11	110.4	110.4	110.6	0.3	0.2
Sheets and pillowcases	0382-031223	12/11	99.9	99.9	99.9	0.0	0.0
Towels and washcloths	0382-031225	12/11	98.5	98.5	–	–	–
Other household furnishings	0382-031226	12/11	124.6	125.1	125.1	0.2	0.0
Industrial and other fabricated products	0383		167.5	168.2	168.0	0.8	-0.1
Industrial and other fabricated products	0383-03		166.9	167.6	167.4	0.8	-0.1
Rope, cordage, and twine	0383-0321	06/12	102.1	101.9	101.8	-1.9	-0.1
Duffle bags and knapsacks	0383-0333	06/10	116.8	116.8	116.8	2.1	0.0
All other textile bags	0383-0334	06/10	109.0	109.1	109.0	-2.3	-0.1
Canvas and related products	0383-0345	06/03	135.2	135.4	135.6	0.7	0.1
Fabricated textile products, n.e.c.	0383-0351	12/85	134.2	135.6	135.1	2.0	-0.4
Fabricated flags, banners, and similar emblems	0383-03513	12/09	105.6	105.7	106.0	-0.1	0.3
Fabricated textile products	0383-03515	12/09	113.3	115.4	114.8	5.0	-0.5
Miscellaneous textile products/services	039	06/85	139.3	136.8	134.7	-5.2	-1.5
Textile materials n.e.c. and processed textile waste	0391	06/85	153.2	146.3	140.1	-12.5	-4.2
Textile fibers, yarns, and fabrics, n.e.c.	0391-01	06/85	146.6	144.9	138.8	-5.6	-4.2
Textile fibers, yarns, and fabrics, n.e.c.	0391-0105	12/11	99.6	98.4	94.3	-5.6	-4.2
Textile and fabric finishing, except broadwoven	0393	12/01	109.9	109.9	109.9	-0.5	0.0
Textile and fabric finishing, except broadwoven	0393-01	12/01	109.9	109.9	109.9	-0.5	0.0
Textile and fabric finishing, except broadwoven	0393-0111	12/03	109.7	109.7	109.7	-0.5	0.0
Hides, skins, leather, and related products	04		193.6	203.2	196.7	-4.3	-3.2
Hides and skins, incl. cattle	041		207.7	243.6	215.2	-10.8	-11.7
Hides and skins, incl. cattle	0419	06/01	95.1	111.5	98.5	-10.8	-11.7
Hides and skins, incl. cattle	0419-01	06/01	95.1	111.5	98.5	-10.8	-11.7
Hides and skins, incl. cattle	0419-0108	06/01	95.1	111.5	98.5	-10.8	-11.7
Leather	042		237.3	241.2	243.5	-7.5	1.0
Finished and unfinished leather	0427	12/97	130.1	132.2	133.5	-7.5	1.0
Finished and unfinished leather	0427-01	12/97	130.1	132.2	133.5	-7.5	1.0
Finished and unfinished leather	0427-0102	12/03	108.5	110.3	111.3	-7.6	0.9
Footwear	043		199.6	199.7	200.4	1.5	0.4
Men's nonathletic footwear	0431		225.6	225.6	225.6	0.8	0.0
Men's nonathletic footwear	0431-05	12/93	157.3	157.3	157.3	0.8	0.0
Men's nonathletic footwear	0431-0501	12/93	157.4	157.4	157.4	0.8	0.0
Women's nonathletic footwear	0432		169.4	169.6	169.6	2.6	0.0
Women's nonathletic footwear	0432-05	12/93	132.5	132.6	132.6	2.6	0.0
Women's nonathletic footwear	0432-0501	12/93	132.4	132.5	132.5	2.6	0.0
Other footwear including slippers	0439	12/02	122.5	122.9	129.5	2.7	5.4
Other footwear including slippers	0439-01	12/02	122.5	122.9	129.5	2.7	5.4
Other footwear including slippers	0439-0104	12/11	108.9	109.2	115.1	2.7	5.4
Other leather and related products	044		186.9	186.9	187.0	0.4	0.1
Luggage and small leather goods	0441		172.0	171.9	172.0	-0.2	0.1
Luggage and small leather goods	0441-01		172.0	171.9	172.0	-0.2	0.1
Luggage	0441-0112	12/84	127.3	127.3	127.3	2.6	0.0
Women's & children's handbags & purses	0441-0128	06/82	178.8	178.8	178.8	-3.1	0.0
Other personal leather goods	0441-0132	06/82	182.3	182.0	182.3	1.0	0.2
Leather and leather-like goods, n.e.c.	0445	06/85	192.5	192.6	192.7	1.5	0.1
Leather and leather-like goods, n.e.c.	0445-01	06/85	192.5	192.6	192.7	1.5	0.1
All other leather goods	0445-0101	06/85	213.2	213.3	213.5	1.5	0.1
Boot and shoe cut stock and findings	0445-01011	12/11	105.8	105.8	105.8	0.3	0.0
All other miscellaneous leather goods	0445-01014	12/11	128.3	128.4	128.6	1.7	0.2
Leather belts	0445-0111	06/85	154.3	154.3	154.3	1.7	0.0
Fuels and related products and power	05		134.1	151.8	153.0	-11.1	0.8
Coal	051		189.6	193.6	184.7	-3.8	-4.6
Anthracite	0511		188.8	177.6	179.6	-6.2	1.1
Prepared anthracite shipped	0511-01		214.9	199.0	201.9	-7.2	1.5
Prepared anthracite shipped	0511-0117	12/86	221.3	205.0	207.9	-7.2	1.4

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Unprepared anthracite shipped	0511-02		115.2	115.2	115.2	-1.6	0.0
Unprepared anthracite shipped	0511-0214	12/86	110.0	110.0	110.0	-1.6	0.0
Bituminous coal and Lignite	0512		189.5	193.5	184.6	-3.8	-4.6
Unprepared bituminous coal and Lignite	0512-08		135.2	133.4	133.5	-7.8	0.1
Unprepared bituminous coal and Lignite	0512-081		135.2	133.4	133.5	-7.8	0.1
Unprepared bituminous coal and lignite from surface mine	0512-0811	06/08	115.3	108.0	108.2	-8.2	0.2
Unprepared bituminous coal and lignite from underground mine	0512-0812	06/08	82.5	–	–	–	–
Prepared bituminous coal and lignite	0512-09	12/01	205.7	211.2	200.0	-3.1	-5.3
Prepared bituminous coal & lignite, washed by wet-washing, pneumatic, or other	0512-091	12/01	209.2	209.8	209.7	-5.0	0.0
Prepared bituminous coal & lignite surface mine, wet-washing, pneumatic, or other	0512-0911	06/08	108.1	108.4	108.6	-1.1	0.2
Prepared bituminous coal & lignite underground mine, wet-washing, pneumatic, or other	0512-0912	06/08	97.6	97.8	97.7	-6.8	-0.1
Prepared bituminous coal & lignite, mechanically crushed/screened/sized only	0512-092	12/01	216.6	228.2	203.3	-0.8	-10.9
Prepared bituminous coal & lignite surface mine, mechanically crushed/screened/sized only	0512-0921	06/08	145.4	155.1	134.4	-2.6	-13.3
Prepared bituminous coal underground mine, mechanically crushed/screened/sized only	0512-0922	06/08	152.7	152.7	152.7	7.1	0.0
Gas fuels	053		74.0	88.1	114.8	-0.8	30.3
Natural gas	0531		64.4	77.2	108.3	-1.0	40.3
Natural gas	0531-01		64.4	77.2	108.3	-1.0	40.3
Natural gas	0531-0105	06/96	81.6	97.8	137.3	-1.0	40.4
Natural gas from the wellhead	0531-01051	06/09	45.2	54.1	75.1	–	38.8
Natural gas from processing facilities	0531-01052	06/09	47.6	56.6	85.8	–	51.6
Liquefied petroleum gas	0532		91.9	107.1	100.8	0.3	-5.9
Liquefied petroleum gas	0532-01		91.9	107.1	100.8	0.3	-5.9
Isopentane and natural gasoline	0532-0102	06/09	50.1	61.2	58.1	-13.9	-5.1
Propane	0532-0104		98.5	99.0	96.4	16.6	-2.6
Butane	0532-0105		75.5	83.0	80.5	9.4	-3.0
Plant condensate, ethane, gas mixtures, and other natural gas liquids	0532-0108	06/09	29.1	37.8	33.9	-1.2	-10.3
Electric power	054		197.4	206.8	208.8	-1.8	1.0
Residential electric power	0541	12/90	170.5	175.1	176.1	-0.3	0.6
Residential electric power	0541-21	12/90	170.5	175.1	176.1	-0.3	0.6
Residential electric power	0541-2101	12/90	170.5	175.1	176.1	-0.3	0.6
Commercial electric power	0542		189.9	201.0	202.0	-2.0	0.5
Commercial electric power	0542-21	12/90	166.2	175.9	176.8	-2.0	0.5
Commercial electric power	0542-2101	12/90	166.2	175.9	176.8	-2.0	0.5
Industrial electric power	0543		204.5	219.9	226.1	-4.7	2.8
Industrial electric power	0543-21	12/90	172.0	184.9	190.2	-4.7	2.9
Industrial electric power	0543-2101	12/90	172.0	184.9	190.2	-4.7	2.9
Transportation electric power	0546	12/10	107.9	115.0	113.0	-2.1	-1.7
Transportation electric power	0546-21	12/10	107.9	115.0	113.0	-2.1	-1.7
Transportation electric power	0546-2111	12/10	107.9	115.0	113.0	-2.1	-1.7
Utility natural gas	055	12/90	172.4	172.5	180.9	-0.1	4.9
Residential natural gas	0551	12/90	173.6	174.9	185.2	0.8	5.9
Residential natural gas	0551-21	12/90	173.6	174.9	185.2	0.8	5.9
Residential natural gas	0551-2101	12/90	173.6	174.9	185.2	0.8	5.9
Commercial natural gas	0552	12/90	164.2	162.8	170.4	-1.8	4.7
Commercial natural gas	0552-21	12/90	164.2	162.8	170.4	-1.8	4.7
Commercial natural gas	0552-2101	12/90	164.2	162.8	170.4	-1.8	4.7
Industrial natural gas	0553	12/90	142.4	139.8	147.9	-3.1	5.8
Industrial natural gas	0553-21	12/90	142.4	139.8	147.9	-3.1	5.8
Industrial natural gas	0553-2101	12/90	142.4	139.8	147.9	-3.1	5.8
Natural gas to electric power	0554	12/90	151.8	151.7	157.3	0.1	3.7
Natural gas to electric power	0554-21	12/90	151.8	151.7	157.3	0.1	3.7
Natural gas to electric power	0554-2101	12/90	151.8	151.7	157.3	0.1	3.7
Crude petroleum (domestic production)	056		91.5	130.7	122.7	-14.4	-6.1
Crude petroleum (domestic production)	0561		91.5	130.7	122.7	-14.4	-6.1
Crude petroleum (domestic production)	0561-01		91.5	130.7	122.7	-14.4	-6.1
Crude petroleum (domestic production)	0561-0102	06/84	99.7	142.4	133.6	-14.5	-6.2
Petroleum products, refined	057		122.2	157.9	154.6	-23.2	-2.1
Gasoline	0571		123.4	167.0	155.1	-27.9	-7.1

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Unleaded premium gasoline	0571-03		144.2	186.8	171.1	-30.0	-8.4
Unleaded premium gasoline	0571-0304	06/02	163.4	211.6	193.9	-30.0	-8.4
Unleaded regular gasoline	0571-04		117.1	160.9	149.6	-27.8	-7.0
Unleaded regular gasoline	0571-0404	06/02	140.8	193.3	179.8	-27.8	-7.0
Unleaded mid-premium gasoline	0571-05	12/87	224.9	275.5	263.4	-29.3	-4.4
Unleaded mid-premium gasoline	0571-0504	06/02	153.8	188.4	180.1	-29.3	-4.4
Kerosene and jet fuels	0572		113.9	149.9	148.7	-20.0	-0.8
Kerosene	0572-02		129.3	155.0	154.9	-18.3	-0.1
Kerosene	0572-0201		129.3	155.0	154.9	-18.3	-0.1
Jet fuel	0572-03		113.5	150.0	148.8	-20.1	-0.8
Jet fuel	0572-0301		114.4	151.2	150.0	-20.0	-0.8
Light fuel oils	0573		113.8	148.0	151.7	-18.9	2.5
Home heating oil and distillates	0573-02		98.1	135.5	138.5	-19.6	2.2
Home heating oil and distillates	0573-0201		98.1	135.5	138.5	-19.6	2.2
No. 2 diesel fuel	0573-03		119.4	153.6	157.5	-18.8	2.5
No. 2 diesel fuel	0573-0302	06/85	149.5	192.3	197.2	-18.8	2.5
Residual fuels (heavy fuel oils, incl. #5, #6, & other residual fuels)	0574		70.3	93.0	115.9	-23.3	24.6
Residual fuels (heavy fuel oils, incl. #5, #6, & other residual fuels)	0574-07	06/85	103.3	136.6	170.2	-23.3	24.6
Residual fuels (heavy fuel oils, incl. #5, #6, & other residual fuels)	0574-0703	06/02	91.3	120.7	150.5	-23.3	24.7
Finished lubricants	0576		379.8	378.5	378.5	-1.9	0.0
Lubricating grease	0576-03		341.4	341.4	341.4	-2.0	0.0
Lubricating grease not from petroleum refineries	0576-0303	06/85	337.5	337.5	337.5	-1.0	0.0
Lubricating and similar oils	0576-04	06/85	358.4	357.0	357.0	-1.9	0.0
Lubricating and similar oils not from petroleum refineries	0576-0401	06/85	347.0	345.7	345.7	-1.8	0.0
Lubricating oil base stocks	0578	06/09	73.7	79.0	88.3	-17.6	11.8
Lubricating oil base stocks	0578-01	06/09	73.7	79.0	88.3	-17.6	11.8
Lubricating oil base stocks	0578-0121	06/09	73.7	79.0	88.3	-17.6	11.8
Asphalt and other petroleum and coal products, n.e.c.	058	12/84	208.2	212.1	214.0	-29.0	0.9
Asphalt and other petroleum and coal products, n.e.c.	0581	12/84	208.2	212.1	214.0	-29.0	0.9
Asphalt	0581-02	06/85	108.7	150.0	154.1	-28.1	2.7
Asphalt	0581-0212	06/85	108.7	150.0	154.1	-28.1	2.7
Other petroleum and coal products, including coke oven products, n.e.c.	0581-03	12/84	443.6	422.1	423.8	-29.2	0.4
Other petroleum and coal products, including coke oven products, n.e.c.	0581-0319	12/84	443.6	422.1	423.8	-29.2	0.4
Other petroleum and coal products, made in coke oven establishments	0581-03191	06/09	112.0	108.6	107.5	-10.4	-1.0
Chemicals and allied products	06		261.1	265.2	263.0	-2.8	-0.8
Industrial chemicals	061		221.4	227.9	223.2	-11.3	-2.1
Basic inorganic chemicals	0613		256.7	254.4	248.7	-8.0	-2.2
Inorganic chemicals, other than alkalies and chlorine	0613-02		260.6	258.1	249.5	-9.5	-3.3
Aluminum compounds	0613-0209	06/95	124.2	128.2	124.5	-10.0	-2.9
Inorganic acids, inc. hydrochloric, sulfuric acid and other	0613-020T	12/08	95.4	90.0	83.9	-13.2	-6.8
Sulfuric acid	0613-020T1	06/87	135.6	127.1	121.0	-12.9	-4.8
Lime	0613-0213		236.7	236.9	237.3	-1.6	0.2
Potassium & sodium compounds, ex. bleaches	0613-0217	06/01	279.5	274.0	279.5	-1.2	2.0
Rock salt	0613-0271	12/84	377.8	385.2	385.2	13.8	0.0
Other inorganic chemicals, nec	0613-0283	12/06	139.9	139.2	132.9	-11.8	-4.5
Potassium salts & boron	0613-0288	06/07	212.2	200.5	–	–	–
Alkalies and chlorine, including natural sodium carbonate and sulfate	0613-03		282.2	280.5	286.3	-2.1	2.1
Natural sodium carbonate and sulfate	0613-0301		194.1	–	–	–	–
Basic organic chemicals	0614		215.1	223.3	218.9	-11.9	-2.0
Primary basic organic chemicals	0614-01		182.9	198.1	185.2	-25.4	-6.5
Aromatics	0614-0197	06/01	223.1	227.2	216.5	-33.4	-4.7
Liquid refinery gases	0614-0198	06/01	143.7	164.0	150.9	-17.7	-8.0
Cyclic intermediate chemicals and dyes	0614-02		182.5	190.1	190.5	0.3	0.2
Cyclic intermediate chemicals	0614-0281	06/01	171.5	179.2	179.7	0.8	0.3
Synthetic organic dyes	0614-0282	06/01	85.1	85.8	85.1	-5.8	-0.8
Other basic organics	0614-03		213.9	216.4	217.6	-3.2	0.6
Ethanol (ethyl alcohol)	0614-0341		180.5	210.3	208.3	3.0	-1.0
Other basic organics, n.e.c.	0614-0399	06/87	222.2	221.7	223.4	-3.7	0.8
Fatty acids	0614-03991	12/07	128.4	143.1	142.9	9.6	-0.1
Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparation	0614-03992	12/07	188.8	188.8	188.8	12.2	0.0
Reagent and high-purity grades of organic chemicals refined from purchased technical grades	0614-03994	12/08	99.7	99.7	99.7	1.4	0.0
Natural organic chemicals	0614-03995	12/08	103.7	103.1	103.3	-7.9	0.2
Synthetic organic alcohols, mixed and unmixed	0614-03996	12/07	125.1	–	–	–	–

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Synthetic organic chemicals for use as flavor and perfume materials	0614-03997	12/07	125.5	124.8	125.9	-3.7	0.9
Synthetic organic plasticizers	0614-03999	12/07	106.6	106.2	106.7	-5.4	0.5
Other synthetic organic chemicals	0614-0399A	12/07	75.0	72.7	72.2	-4.6	-0.7
Miscellaneous end use chemicals and chemical products, excluding urea	0614-0399B	12/07	178.7	177.2	177.3	0.1	0.1
Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	0614-0399C	12/07	85.8	86.3	89.4	-15.3	3.6
Paints and allied products	062		262.1	265.6	261.1	-2.7	-1.7
Prepared paint	0621		271.1	271.8	272.0	-0.4	0.1
Architectural coatings	0621-01		300.2	304.0	304.1	0.7	0.0
Architectural coatings	0621-0104	12/03	164.7	166.8	166.8	0.7	0.0
Exterior architectural coatings	0621-01041	12/12	97.2	101.4	101.4	3.0	0.0
Interior architectural coatings	0621-01042	12/12	97.0	96.4	96.4	-0.8	0.0
OEM finishes excluding marine coatings	0621-02	06/83	192.2	190.8	191.5	-1.7	0.4
OEM finishes excluding marine coatings	0621-0201	06/83	192.2	190.8	191.5	-1.7	0.4
Transportation finishes, except powdered and high-solids coatings	0621-02011	12/12	105.1	104.8	104.8	-0.4	0.0
All other product finishes for original equipment manufacturers (OEM), excluding marine coating	0621-02012	12/12	99.6	98.8	99.2	-2.1	0.4
Special purpose coatings, incl. marine, industrial & construction coatings	0621-03	06/83	351.7	349.5	349.1	-1.1	-0.1
Special purpose coatings, incl. marine, industrial & construction coatings	0621-0301	06/83	351.7	349.5	349.1	-1.1	-0.1
Automotive, other transportation and machinery refinish paints and enamels, including primers	0621-03011	12/12	109.0	108.8	108.7	0.5	-0.1
Special purpose coatings, including all marine coatings and traffic marking paints	0621-03012	12/12	98.2	96.9	96.8	-3.4	-0.1
Paint materials	0622		220.8	233.3	215.6	-9.4	-7.6
Paint colors	0622-02		179.3	191.9	173.9	-11.5	-9.4
Iron oxide pigments	0622-0206	06/83	236.7	236.7	240.6	1.0	1.6
Titanium pigments	0622-0209		160.2	183.1	150.3	-20.9	-17.9
Synthetic organic pigments	0622-0298	06/87	143.6	143.8	143.8	-2.1	0.0
Other inorganic pigments	0622-0299	06/83	256.2	256.2	255.4	0.1	-0.3
Chrome colors	0622-02992	12/08	102.7	102.7	102.0	-0.7	-0.7
All other inorganic pigments	0622-02995	12/08	104.4	104.4	104.4	1.1	0.0
Kaolin and ball clay	0622-04		206.3	201.2	209.2	4.2	4.0
Kaolin and ball clay	0622-0407		236.6	230.7	239.8	4.2	3.9
Allied and miscellaneous paint products	0623	06/83	311.8	306.9	306.9	-4.2	0.0
Allied and miscellaneous paint products	0623-01	06/83	311.8	306.9	306.9	-4.2	0.0
Allied and miscellaneous paint products	0623-0104	12/03	176.5	173.7	173.7	-4.2	0.0
Drugs and pharmaceuticals	063		528.7	531.9	532.4	5.3	0.1
Medicinal and botanical chemicals, drugs, and other products	0631		176.4	176.2	176.8	-0.2	0.3
Medicinal and botanical chemicals, drugs, and other products	0631-02	06/82	176.5	176.3	176.8	-0.2	0.3
Medicinal and botanical chemicals, drugs, and other products	0631-0203	06/82	176.5	176.3	176.8	-0.2	0.3
Veterinary pharmaceutical preparations	0634		182.8	183.1	183.1	2.1	0.0
Veterinary pharmaceutical preparations	0634-03	12/87	181.6	181.9	181.9	2.1	0.0
Veterinary pharmaceutical preparations	0634-0302	06/01	138.5	138.8	138.8	2.1	0.0
Veterinary pharmaceutical preparations, prescription	0634-0302RX	12/09	124.6	124.9	124.9	2.0	0.0
Biological products, including diagnostics	0637		260.5	265.8	266.1	2.7	0.1
Biological products, excluding diagnostics, for veterinary, industrial, and all other misc. use	0637-17	12/04	129.8	128.9	128.9	5.6	0.0
Biological veterinary vaccines, bacterins, toxoids, other antigens, and other biologics	0637-1702	06/09	–	100.3	100.3	–	0.0
Diagnostics	0637-18	06/09	118.2	118.1	118.4	-1.8	0.3
In-vitro diagnostics	0637-1801		199.1	198.8	199.4	-2.4	0.3
Biological products for human use	0637-19	06/09	124.7	129.7	129.7	5.4	0.0
Pharmaceutical preparations	0638	06/01	228.6	229.5	229.6	6.2	0.0
Pharmaceuticals affecting neoplasms, the endocrine system, & metabolic diseases	0638-01	06/01	253.4	252.5	252.7	9.3	0.1
Cancer therapy products	0638-0102	12/09	93.7	93.7	94.4	2.2	0.7
Insulin/antidiabetes products	0638-0103	12/09	230.3	230.3	230.3	5.2	0.0
Other neoplasms, endocrine system, and metabolic diseases	0638-0104	12/09	–	149.8	149.8	–	0.0
Hormones and oral contraceptives	0638-0105	12/09	171.9	167.7	167.7	16.4	0.0
Pharmaceuticals acting on the central nervous system and the sense organs	0638-02	06/01	252.4	252.5	252.5	5.2	0.0
Analgesics	0638-0202	12/09	201.0	201.0	201.1	6.9	0.0
Analgesics, over-the-counter	0638-0202OC	06/81	250.2	250.2	250.5	0.1	0.1
Analgesics, prescription	0638-0202RX	06/81	1,703.4	1,703.4	1,703.4	7.2	0.0
Psychotherapeutics	0638-0203	12/09	157.5	157.5	157.5	4.2	0.0
Antidepressants	0638-02031	12/09	163.2	163.2	163.2	0.0	0.0
Other psychotherapeutics, including tranquilizers	0638-02032	12/09	165.4	165.4	165.4	8.0	0.0
Anticonvulsants	0638-0204	12/09	169.1	170.3	170.3	8.7	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Other central nervous system and sense organs	0638-0205	12/09	153.9	153.9	153.9	5.0	0.0
Pharmaceuticals acting on the cardiovascular system	0638-03	06/01	282.7	288.4	288.4	11.2	0.0
Anticoagulants	0638-0302	12/09	149.6	157.0	157.0	12.6	0.0
ACE inhibitors	0638-0303	12/09	154.5	–	–	–	–
Calcium channel blockers and other vasodilators	0638-0304	12/09	246.7	246.7	246.7	9.1	0.0
Other cardiovascular preparations	0638-0305	12/09	209.7	213.9	213.9	11.4	0.0
Pharmaceuticals acting on the respiratory system	0638-04	06/01	213.2	215.5	215.5	5.1	0.0
Antihistamines and bronchodilators, including antiasthmatics	0638-0402	12/07	166.3	169.9	169.9	3.4	0.0
Other respiratory preparations	0638-0403	12/07	173.3	173.3	173.5	6.8	0.1
Other respiratory preparations, over-the-counter	0638-0403OC	12/07	114.0	114.0	114.6	0.4	0.5
Other respiratory preparations, prescription	0638-0403RX	12/07	189.8	189.8	189.8	7.8	0.0
Pharmaceuticals acting on the digestive or the genito-urinary systems	0638-05	06/01	187.4	187.8	188.4	1.0	0.3
Antispasmodic/antisecretory	0638-0502	12/09	91.3	–	–	–	–
Other digestive or genito-urinary preparations	0638-0503	12/09	130.8	131.2	131.9	1.5	0.5
Other digestive or genito-urinary preparations, over-the-counter	0638-0503OC	06/01	124.7	124.7	124.7	0.6	0.0
Other digestive or genito-urinary preparations, prescription	0638-0503RX	06/01	194.8	195.4	196.5	1.6	0.6
Antacids	0638-0504	12/09	95.9	95.9	95.9	0.0	0.0
Pharmaceuticals acting on the skin	0638-06	06/01	181.7	181.7	182.5	0.5	0.4
Emollients and protectives, including burn remedies	0638-0602	12/09	102.1	102.1	102.0	-0.1	-0.1
Other pharmaceutical preparations acting on the skin	0638-0603	12/09	119.2	119.2	120.0	0.7	0.7
Other pharmaceutical preparations acting on the skin, over-the-counter	0638-0603OC	12/09	96.5	96.5	97.2	0.6	0.7
Anti-acne preparations	0638-0604	12/09	102.7	102.7	102.7	0.5	0.0
Anti-acne preparations, prescription	0638-0604RX	12/09	106.1	–	–	–	–
Vitamin, nutrient, and hematinic preparations	0638-07	06/01	132.7	132.7	133.0	1.1	0.2
Multivitamins	0638-0702	12/09	105.4	105.4	105.8	0.5	0.4
Other vitamins and nutrients	0638-0703	12/09	125.9	126.0	126.1	1.3	0.1
Other vitamins and nutrients, over-the-counter	0638-0703OC	06/01	112.3	112.4	112.6	1.3	0.2
Other vitamins and nutrients, prescription	0638-0703RX	06/01	246.0	246.0	246.0	1.4	0.0
Pharmaceuticals affecting parasitic and infective diseases	0638-08	06/01	232.4	233.7	233.7	5.4	0.0
Broad and medium spectrum antibiotics	0638-0802	12/09	155.5	155.5	155.5	1.4	0.0
Systemic antivirals	0638-0803	12/09	161.8	163.0	163.0	6.4	0.0
Other parasitic and infective diseases	0638-0804	12/09	161.2	161.4	161.4	5.4	0.0
Fats and oils, inedible	064		205.5	212.6	207.0	-3.2	-2.6
Fats and oils, inedible	0641		205.5	212.6	207.0	-3.2	-2.6
Fats and oils, inedible	0641-01		205.5	212.6	207.0	-3.2	-2.6
Soybean oil, processed for inedible purposes	0641-0131	06/95	129.8	129.3	126.6	-6.3	-2.1
Crude soybean oil, degummed	0641-01311	12/07	83.9	83.1	82.6	-4.8	-0.6
Soybean oil, all other types	0641-01312	12/07	79.1	79.3	75.9	-8.4	-4.3
Lard, inedible tallow, and grease, except wool grease	0641-0132	06/02	230.4	277.3	264.1	10.1	-4.8
Agricultural chemicals and chemical products	065		216.1	217.0	206.8	-10.0	-4.7
Mixed fertilizers	0651		178.8	181.1	174.3	-8.7	-3.8
Mixed fertilizers	0651-05	06/86	188.7	191.1	183.9	-8.7	-3.8
Mixed fertilizers	0651-0501	06/86	188.7	191.1	183.9	-8.7	-3.8
Mixed fertilizers, made in plants which manufacture fertilizer materials	0651-05011	12/09	130.1	136.4	121.2	-22.7	-11.1
Mixed fertilizers, dry, mixing only	0651-05012	12/09	101.8	101.4	100.8	-1.7	-0.6
Mixed fertilizers, liquid, mixing only	0651-05013	12/09	116.6	117.7	115.7	-5.9	-1.7
Fertilizer materials	0652		228.4	229.3	208.3	-19.9	-9.2
Nitrogenates	0652-01		269.6	270.2	247.1	-20.1	-8.5
Fertilizer materials of organic origin	0652-0137	12/93	224.1	225.9	225.6	1.0	-0.1
Synthetic ammonia, nitric acid, ammonium compounds, and urea	0652-013A	12/14	83.8	83.9	76.5	-20.7	-8.8
Phosphates	0652-02		197.8	198.9	179.4	-19.6	-9.8
Phosphoric acid, 52-54 percent APA, superphosphates and other phosphate fertilizer materials	0652-026A	12/14	85.6	86.1	77.7	-19.6	-9.8
Other agricultural chemicals	0653		185.8	186.1	184.1	-0.6	-1.1
Other agricultural chemicals	0653-01		185.8	186.1	184.1	-0.6	-1.1
Lawn and garden pesticides and chemicals	0653-0107	06/03	133.5	133.5	133.5	0.4	0.0
Household and institutional pesticides and chemicals	0653-0108	06/03	135.8	136.6	136.6	1.9	0.0
Agricultural and commercial pesticides and chemicals	0653-0109	06/03	123.0	122.9	121.1	-1.5	-1.5
Plastic resins and materials	066		213.5	221.0	221.0	-4.1	0.0
Thermoplastic resins and plastics materials	0662		214.0	223.1	223.3	-4.2	0.1
Thermoplastic resins and plastics materials	0662-12	12/03	148.7	155.0	155.2	-4.3	0.1
Thermoplastic resins and plastics materials	0662-1201	12/03	148.7	155.0	155.2	-4.3	0.1
Thermosetting resins and plastics materials	0663		223.4	223.0	221.7	-3.4	-0.6
Thermosetting resins and plastics materials	0663-06	12/98	159.2	158.9	158.0	-3.4	-0.6
Thermosetting resins and plastics materials	0663-0601	12/98	159.2	158.9	158.0	-3.4	-0.6
Other chemicals and allied products	067		194.3	195.1	195.3	0.4	0.1

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Soaps and detergents	0671		176.7	176.4	176.7	0.4	0.2
Soaps and detergents	0671-04	06/83	169.7	169.4	169.7	0.4	0.2
Soaps and detergents, commercial, industrial, & institutional	0671-0401	06/83	229.4	230.2	230.3	0.9	0.0
Hard surface soaps and detergents, commercial, industrial, & institutional	0671-040101	12/11	98.5	98.5	98.5	0.0	0.0
Commercial, industrial, and institutional laundry detergents	0671-040102	12/11	106.0	106.0	106.0	1.0	0.0
Commercial, industrial, and institutional dishwashing detergents	0671-040103	12/11	108.8	110.2	110.2	1.3	0.0
Commercial, industrial, and institutional metal cleaners	0671-040104	12/11	108.0	–	108.0	0.0	–
Dairy, farm, and food plant cleaners, sanitizers, etc.	0671-040106	12/11	105.5	105.5	105.5	0.0	0.0
Commercial, industrial, and institutional soaps, excluding specialty cleaners	0671-040107	12/11	104.1	104.1	104.7	1.4	0.6
Household detergents	0671-0402		152.8	151.9	152.3	0.3	0.3
Soaps, excluding specialty cleaners, household	0671-0403	06/83	188.7	188.7	188.7	-0.6	0.0
Polish and other sanitation goods	0672	06/83	175.4	175.8	175.9	-0.2	0.1
Polish and other sanitation goods	0672-01	06/83	175.4	175.8	175.9	-0.2	0.1
Polishing preparations and related products	0672-0103	06/83	222.0	221.9	222.1	-0.1	0.1
Specialty cleaning and sanitation products (including household bleaches)	0672-0104	06/07	108.3	108.6	108.7	-0.2	0.1
Air and room fresheners	0672-01043	12/11	104.8	105.0	105.0	-0.1	0.0
Specialty cleaning and sanitation products	0672-01044	12/11	101.9	102.7	102.8	0.4	0.1
Household bleaches, disinfectants, and laundry fabric softeners	0672-01049	12/11	104.5	104.7	104.7	-0.7	0.0
Cosmetics and other toilet preparations	0675		162.1	162.2	162.3	0.2	0.1
Shaving preparations	0675-02		139.2	139.2	139.2	0.0	0.0
Shaving preparations	0675-0206	06/99	123.1	123.1	123.1	0.0	0.0
Perfumes, toilet waters, and colognes	0675-03		174.3	174.3	174.3	0.9	0.0
Perfumes, toilet waters, and colognes	0675-0306	06/99	108.7	108.7	108.7	0.9	0.0
Hair preparations (including shampoos)	0675-04		182.8	183.0	183.1	0.4	0.1
Hair preparations (including shampoos)	0675-0407	06/99	135.3	135.4	135.5	0.4	0.1
Hair preparations (including shampoos), excluding hair tonics	0675-040701	12/11	118.4	118.7	118.6	0.4	-0.1
Hair tonics, including hair and scalp conditioners	0675-040702	12/11	102.5	102.5	102.6	0.4	0.1
Dentifrices	0675-05		133.1	133.1	133.1	1.2	0.0
Mouthwashes, gargles, and rinses	0675-0504	12/11	102.9	102.9	102.9	1.2	0.0
Creams, lotions and oils, excluding shaving, hair, and deodorant	0675-14	06/99	114.6	114.6	114.6	-2.6	0.0
Creams, lotions and oils, excluding shaving, hair, and deodorant	0675-1401	06/99	114.6	114.6	114.6	-2.6	0.0
Other cosmetics and toilet preparations	0675-15	06/99	111.2	111.2	111.5	1.1	0.3
Other cosmetics and toilet preparations	0675-1501	06/99	111.2	111.2	111.5	1.1	0.3
Misc. chemical prod. and preparations	0679		228.8	230.8	231.1	0.7	0.1
Explosives, propellants, and blasting accessories	0679-02		220.8	218.0	216.5	-5.3	-0.7
Explosives, propellants, and blasting accessories	0679-0234	12/03	135.7	134.0	133.1	-5.3	-0.7
Industrial gases	0679-03		223.9	227.5	228.9	3.2	0.6
Carbon dioxide	0679-0302		293.7	351.2	371.0	31.2	5.6
Nitrogen	0679-0303		164.7	163.9	163.9	3.0	0.0
Oxygen	0679-0304		253.1	253.7	253.7	1.8	0.0
Argon and hydrogen	0679-0309	06/09	98.4	98.7	98.3	-7.3	-0.4
Other industrial gases (including fluorocarbon)	0679-0312	06/09	144.7	144.6	145.5	5.6	0.6
Adhesives and sealants	0679-04	12/83	249.0	249.3	249.3	-1.2	0.0
Synthetic resin and rubber adhesives	0679-0402	12/83	257.5	258.0	258.0	-2.2	0.0
Nonstructural caulking compounds and sealants	0679-040A	12/11	107.1	107.0	107.0	1.3	0.0
Surface active agents	0679-05	12/83	256.1	259.2	262.9	2.7	1.4
Textile and leather assistants and finishes	0679-0501	12/83	190.7	191.5	192.7	2.0	0.6
Surfactants (bulk surface active agents)	0679-0502	12/83	275.7	279.3	283.5	2.7	1.5
Gum and wood chemicals, including wood distillation products	0679-06	06/84	401.4	401.1	400.0	-1.0	-0.3
Gum and wood chemicals, including wood distillation products	0679-0607	12/03	262.0	261.9	261.1	-1.0	-0.3
Other miscellaneous chemical products	0679-09		203.4	205.3	204.4	0.2	-0.4
Salt, evaporated and solar	0679-0904	06/85	190.2	190.2	190.2	3.8	0.0
Carbon black	0679-0918	12/83	266.2	280.6	284.3	-1.4	1.3
Printing ink	0679-0919	06/84	206.4	207.5	206.0	2.8	-0.7
Letterpress printing inks	0679-09191	12/11	99.5	99.5	99.5	0.0	0.0
Gravure printing inks	0679-09192	12/11	102.7	102.6	102.6	-0.1	0.0
Lithographic and offset printing inks	0679-09193	12/11	102.8	102.8	102.8	0.2	0.0
News and nonheat web offset printing inks	0679-091931	12/11	103.2	103.2	103.2	0.0	0.0
Publication and commercial web inks	0679-091932	12/11	102.5	102.4	102.2	0.1	-0.2
Sheet-fed general inks	0679-091933	12/11	103.5	103.5	103.5	0.7	0.0
Sheet-fed packaging inks	0679-091934	12/11	102.5	102.5	103.2	0.7	0.7
Flexographic printing inks	0679-09194	12/11	104.1	104.1	103.1	-1.0	-1.0
Nonimpact/digital inks	0679-09195	12/11	143.8	147.2	143.8	16.2	-2.3
All other printing inks	0679-09196	12/11	103.3	103.4	103.3	0.1	-0.1
Water-treating compounds	0679-0961	06/85	161.0	163.9	160.1	-7.2	-2.3
Automotive chemicals	0679-0991	06/09	99.0	99.0	99.0	-4.0	0.0
Other chemical preparations, n.e.c.	0679-0999	06/85	244.9	246.1	245.6	1.6	-0.2
Rubber and plastic products	07		184.0	184.9	184.5	-1.4	-0.2

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Rubber and rubber products	071		170.9	172.1	171.6	-1.8	-0.3
Synthetic rubber, inc. styrene-butadiene rubber (SBR) and ethylene propylene	0711		185.8	192.3	192.5	-3.5	0.1
Synthetic rubber	0711-02		186.8	193.3	193.5	-3.5	0.1
Synthetic rubber, inc. sbr and ethylene propylene	0711-0224	06/03	148.0	153.1	153.3	-3.5	0.1
Tires, tubes, tread, & repair materials	0712		147.3	147.3	146.1	-2.6	-0.8
Tires	0712-01		144.0	143.9	142.7	-2.8	-0.8
Pneumatic tires (including passenger, truck, bus, tractor, industrial, and other tires)	0712-010		143.9	143.9	142.7	-2.8	-0.8
Passenger car pneumatic tires	0712-0104	12/03	149.3	149.3	149.3	-2.3	0.0
Truck and bus (including off-the-highway) pneumatic tires	0712-0105		142.4	142.4	142.4	-2.1	0.0
All solid and semi-pneumatic tires	0712-0131	12/10	105.8	105.8	105.8	–	0.0
Tread rubber, tire sundries, and repair materials	0712-03		214.8	214.8	214.8	0.0	0.0
Tread rubber, tire sundries, and repair materials	0712-0354	12/03	154.5	154.5	154.5	0.0	0.0
Miscellaneous rubber products	0713		194.8	194.9	194.9	-0.2	0.0
Rubber and plastics footwear, including athletic footwear	0713-01		144.5	144.5	144.5	0.1	0.0
Rubber and plastics footwear, including athletic footwear	0713-0109	12/11	107.7	107.7	107.7	0.1	0.0
Rubber and plastic belts and belting	0713-03		256.7	259.2	259.0	-0.2	-0.1
Flat rubber and plastics belts and belting	0713-0371	12/03	223.3	224.2	224.1	-1.1	0.0
Rubber and plastics belt and belting, except flat rubber	0713-0372	12/03	125.7	128.6	128.4	2.0	-0.2
Rubber and plastics hose	0713-04		239.9	239.9	240.2	2.3	0.1
Rubber and plastics hose	0713-0411	12/11	106.4	106.4	106.5	2.3	0.1
Industrial rubber and plastics hose without fittings	0713-04116	12/11	107.3	107.3	107.3	-0.3	0.0
Rubber and plastics water hose (incl. fire, irrigation, etc.)	0713-04117	12/11	110.3	111.8	111.8	1.4	0.0
Hose for on/off-highway motor vehicles (rubber/other materials)	0713-04118	12/11	104.4	104.0	104.4	6.0	0.4
Rubber and plastics inner tube type air hose	0713-04119	12/11	107.5	108.1	108.1	0.6	0.0
All other pneumatic and hydraulic hose, without fittings	0713-0411A	12/11	113.7	113.7	113.7	0.3	0.0
Miscellaneous rubber products, n.e.c.	0713-06	06/83	174.8	174.6	174.6	-0.7	0.0
All other industrial rubber products	0713-0604	06/83	267.1	267.4	267.4	0.1	0.0
All other miscellaneous rubber goods	0713-0606	06/83	191.9	191.7	191.7	0.3	0.0
Rubber floor and wall coverings	0713-0608	06/83	170.7	170.7	170.5	0.1	-0.1
Rubber compounds or mixtures for sale or interplant transfer	0713-0612	06/83	213.2	212.2	212.2	-1.3	0.0
Rubber druggist and medical sundries, excl. household gloves	0713-0616	12/03	133.5	133.5	133.5	1.1	0.0
Rubber products for mechanical use	0713-0617	12/04	114.3	114.3	114.3	-0.9	0.0
Molded rubber mechanical goods automotive	0713-06171	12/11	95.5	95.4	95.4	-1.5	0.0
Molded rubber mechanical goods, transportation/off-highway	0713-06172	12/11	101.8	101.8	101.8	-1.0	0.0
Other molded rubber mechanical goods (excluding tubing)	0713-06179	12/11	104.2	104.2	104.2	0.0	0.0
Extruded rubber mechanical goods, excluding tubing	0713-0617A	12/11	103.1	103.1	103.1	0.0	0.0
Rubber coated fabrics and garments	0713-0618	06/06	143.1	145.0	145.0	1.8	0.0
Plastic products	072		195.4	196.3	195.9	-1.3	-0.2
Plastic construction products	0721		210.3	212.4	213.1	-0.8	0.3
Plastic construction products	0721-06		210.3	212.4	213.1	-0.8	0.3
Plastics pipe	0721-0603	12/05	98.6	102.1	103.5	-5.4	1.4
Plastics drain, waste, and vent pipe	0721-06031	12/11	83.1	88.3	91.8	-8.5	4.0
Plastics water pipe	0721-06033	12/11	91.8	94.3	97.5	-8.7	3.4
Plastics industrial and mining pipe (Incl. chemical processing, food processing)	0721-06035	12/11	98.4	101.9	100.2	-4.3	-1.7
All other plastics pipe (incl. oil, gas, sewer, stormdrain, water main, and other)	0721-06039	12/11	139.5	142.8	141.5	-0.8	-0.9
Plastics pipe fittings and unions	0721-0604	12/05	146.8	146.8	146.8	-0.5	0.0
Plastics plumbing fixtures	0721-0605	12/05	119.7	119.7	119.7	0.4	0.0
Other plastic construction products	0721-0606		201.6	201.9	201.9	1.2	0.0
Building & construction fabricated plastics products (excl foam, plumbing fixtures, hardware)	0721-06063	06/08	115.2	115.5	115.5	0.5	0.0
Unsupported plastic film, sheet and other shapes	0722		207.7	208.1	208.3	-1.9	0.1
Unsupported plastic film, sheet and other shapes	0722-05	12/82	205.8	206.3	206.4	-1.9	0.0
Unsupported plastic film, sheet and other shapes	0722-0501	12/82	205.8	206.3	206.4	-1.9	0.0
Unlaminated polyethylene film and sheet	0722-05011	12/11	94.1	95.5	95.5	-3.7	0.0
Unlaminated vinyl and vinyl copolymer film and sheet	0722-05013	12/11	99.5	99.1	–	–	–
Miscellaneous unlaminated plastics film and sheet	0722-05014	12/11	92.5	91.9	92.2	-2.2	0.3
Laminated plastic sheets, rods, and tubes	0723		204.0	203.8	203.6	-0.2	-0.1
Laminated plastic sheets, rods, and tubes	0723-04		204.2	204.1	203.9	-0.2	-0.1
Laminated plastic sheets, rods, and tubes	0723-0401	12/82	210.2	210.1	209.9	-0.2	-0.1
Parts for manufacturing from plastics	0726		149.0	148.5	148.5	-0.8	0.0
Parts for transportation equipment	0726-01		142.9	142.6	142.6	-0.6	0.0
Parts for transportation equipment	0726-0105	12/82	141.7	141.4	141.4	-0.6	0.0
Transportation equipment fabricated plastic parts (exc. foam and reinforced plastics)	0726-01052	12/11	110.1	109.8	109.8	-0.5	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Other parts and components for manufacturing	0726-02		138.5	137.6	137.5	0.0	-0.1
Other parts and components for manufacturing	0726-0205	12/82	138.6	137.7	137.6	0.0	-0.1
Electrical & electronic fabricated plastics (excl foam & reinforced plastics)	0726-02052	12/11	101.1	99.2	99.2	0.3	0.0
Industrial machinery plastics products, excl foam (incl gears, bearings, bushings, cams)	0726-02054	12/11	101.8	102.7	102.4	0.5	-0.3
Foam components for furniture	0726-03	12/82	224.3	224.3	224.3	-4.4	0.0
Foam components for furniture	0726-0305	12/99	165.3	165.3	165.3	-4.4	0.0
Other plastic products	0729	12/82	225.4	227.2	226.6	-0.9	-0.3
Other plastic products	0729-01	12/82	225.4	227.2	226.6	-0.9	-0.3
Custom compounding of purchased plastic resins (incl color concentrates and resin pellets)	0729-0196	12/99	157.5	160.3	160.5	-1.4	0.1
All other reinforced and fiberglass plastics products	0729-0197	12/99	166.8	166.5	165.4	-0.6	-0.7
Products made of foam other than polystyrene or polyurethane	0729-0198	12/99	127.5	127.5	127.5	0.4	0.0
Plastic packaging products	072A	12/06	107.2	108.7	107.3	-2.1	-1.3
Plastic packaging products	072A-01	12/06	107.2	108.7	107.3	-2.1	-1.3
Plastic packaging products	072A-0101	12/06	107.2	108.7	107.3	-2.1	-1.3
Other plastic packaging products, exc film, sheet, foam and bottles	072A-01012	12/09	102.8	104.5	105.5	1.2	1.0
Packaging polyurethane foam products	072A-01013	12/09	155.0	154.0	152.9	-3.2	-0.7
Plastic bottles	072A-01014	12/09	104.2	105.7	100.7	-6.8	-4.7
Polystyrene foam food containers	072A-01015	12/11	110.6	110.6	–	–	–
Polystyrene foam protective shipping pads/shaped cushioning/other foam packaging supplies	072A-01016	12/11	99.8	99.8	99.8	-1.7	0.0
Consumer, institutional, and commercial products, n.e.c.	072B	12/06	127.8	127.6	127.6	-0.9	0.0
Consumer, institutional, and commercial products, n.e.c.	072B-01	12/06	127.8	127.6	127.6	-0.9	0.0
Consumer, institutional, and commercial products, n.e.c.	072B-0101	12/06	127.8	127.6	127.6	-0.9	0.0
Plastics dinnerware, tableware, kitchenware, & oven-microwave ware (excluding foam & cups)	072B-01014	12/07	128.8	127.2	127.9	0.2	0.6
Consumer/institutional/commercial fabricated plastics products	072B-01015	12/07	123.7	123.7	123.6	-1.3	-0.1
Recyclable plastics	072C	12/11	72.1	72.0	73.1	-8.7	1.5
Recyclable plastics	072C-01	12/11	72.1	72.0	73.1	-8.7	1.5
Recyclable plastics	072C-0101	12/11	72.1	72.0	73.1	-8.7	1.5
Lumber and wood products	08		221.0	222.9	223.4	0.6	0.2
Lumber	081		196.8	201.8	202.7	1.3	0.4
Softwood lumber	0811		192.8	202.2	203.1	3.0	0.4
Softwood cut stock and dimension	0811-05		198.2	198.6	199.7	0.5	0.6
Softwood cut stock and dimension	0811-0503		211.5	212.0	213.2	0.5	0.6
Softwood lumber, not edge worked	0811-06	12/03	104.9	111.0	111.5	3.5	0.5
Softwood lumber, not edge worked	0811-0601	12/03	104.9	111.0	111.5	3.5	0.5
Softwood rough lumber, made in sawmills	0811-06011	06/12	120.0	120.4	120.2	0.7	-0.2
Softwood dressed lumber, less than 2 inches in nominal thickness	0811-06012	06/12	106.1	120.7	122.0	11.5	1.1
Softwood dressed 2-inch lumber, 2 inches in nominal thickness only	0811-06013	06/12	107.0	113.7	114.4	2.7	0.6
Softwood dressed lumber and timbers, more than 2 inches in nominal thickness	0811-06014	06/12	102.4	111.6	112.0	5.7	0.4
Softwood lumber, made from purchased lumber	0811-07	12/03	129.0	130.4	130.5	0.5	0.1
Softwood lumber, made from purchased lumber	0811-0701	12/03	129.0	130.4	130.5	0.5	0.1
Hardwood lumber	0812		214.3	212.8	213.8	-1.2	0.5
Hardwood cut stock and dimension	0812-03		239.9	239.9	239.7	1.5	-0.1
Hardwood cut stock and dimension	0812-0311	06/84	208.7	208.7	208.5	1.5	-0.1
Hardwood flooring	0812-04	06/84	187.9	188.1	188.8	-3.5	0.4
Oak and maple hardwood flooring	0812-0401	06/84	187.9	188.1	188.9	-3.3	0.4
Hardwood flooring, other than oak and maple	0812-0402	12/11	114.4	114.4	114.4	-5.0	0.0
Hardwood lumber, not edge worked	0812-05	12/03	105.7	103.7	104.9	-0.6	1.2
Hardwood lumber, not edge worked	0812-0501	12/03	105.7	103.7	104.9	-0.6	1.2
Hardwood lumber, made from purchased lumber	0812-06	12/03	102.9	103.5	102.8	-1.3	-0.7
Hardwood lumber, made from purchased lumber	0812-0601	12/03	102.9	103.5	102.8	-1.3	-0.7
Millwork	082		239.6	241.4	241.3	1.5	0.0
General millwork	0821		240.3	241.3	241.3	1.1	0.0
General millwork	0821-01		240.3	241.3	241.3	1.1	0.0
Stock wood kitchen cabinets, related cabinetwork and countertops	0821-0102	12/12	106.8	106.8	106.8	0.5	0.0
Stock wood kitchen cabinets and related cabinetwork	0821-01021	12/09	113.6	113.6	113.6	0.2	0.0
Stock wood bathroom vanities and related bathroom cabinetwork including tops	0821-0104	12/12	102.1	102.1	102.1	0.1	0.0
Stock wood and plastics laminated wood bathroom vanity tops	0821-01042	12/09	138.7	138.7	138.7	0.9	0.0
Custom wood kitchen cabinets, bathroom vanities, and related cabinetwork	0821-0105	12/12	110.9	111.7	111.5	2.0	-0.2
Wood window units	0821-0112	06/83	238.6	239.2	239.2	2.4	0.0
Double hung wood window units	0821-01121	06/13	109.0	109.2	109.2	3.2	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Casement wood window units	0821-01122	06/13	109.9	110.4	110.4	2.1	0.0
All other wood window units, including horizontal sliding, awning and single hung	0821-01123	06/13	107.5	107.5	107.5	0.8	0.0
Wood sash	0821-0122	06/83	253.6	253.6	253.6	-0.8	0.0
Wood window and door frames	0821-0132	06/83	163.6	163.8	163.9	-3.8	0.1
Wood doors, flush and panel, interior and exterior	0821-0142	06/83	211.1	212.9	213.1	2.7	0.1
Other wood doors, incl. garage, screen, storm, etc.	0821-0152	06/83	218.1	219.1	218.9	1.1	-0.1
Wood moldings	0821-0162	06/83	204.2	205.5	206.0	0.7	0.2
Mirror and picture frames	0821-0175	06/02	110.0	–	110.0	-6.2	–
Other wood millwork products	0821-0183	06/83	223.6	224.0	224.0	2.1	0.0
Prefabricated structural members	0822		234.9	240.5	240.4	3.4	0.0
Prefabricated structural members	0822-01		234.9	240.5	240.4	3.4	0.0
Laminated veneer lumber	0822-0107	12/03	128.7	128.6	128.2	3.0	-0.3
Other engineered structural wood members, except trusses & laminated veneer lumber	0822-0108	12/03	119.8	119.8	120.4	-0.5	0.5
Wood trusses	0822-0109	12/03	141.3	146.1	145.9	4.5	-0.1
Plywood	083		190.7	193.0	196.3	-0.7	1.7
Softwood veneer and plywood	0831		212.2	215.6	221.0	-5.9	2.5
Softwood veneer and plywood	0831-03		165.7	168.4	172.6	-5.9	2.5
Softwood veneer and plywood	0831-0303	12/05	102.4	104.0	106.6	-5.9	2.5
Softwood veneer, incl. veneer backed w/ paper, cloth, or other flexible material	0831-03031	12/07	107.6	106.3	110.0	-2.0	3.5
Softwood plywood products: rough, sanded, and specialties	0831-03035	12/11	112.8	115.5	118.1	-6.9	2.3
Hardwood veneer and plywood	0835	12/05	112.3	113.1	113.9	6.7	0.7
Hardwood veneer and plywood	0835-01	12/05	112.3	113.1	113.9	6.7	0.7
Hardwood veneer, incl. veneer backed w/ paper, cloth, or other flexible material	0835-0102	12/11	98.6	98.9	99.5	-0.2	0.6
Hardwood plywood	0835-0104	12/12	109.8	111.7	112.7	15.4	0.9
Hardwood veneered panels, including two-ply veneers	0835-0107	12/11	111.9	111.0	111.0	-1.9	0.0
Other wood products	084		159.9	158.9	159.0	-1.1	0.1
Wood pallets and pallet containers, wood and metal combination	0841		240.6	238.4	238.7	-1.2	0.1
Wood pallets and pallet containers, wood and metal combination	0841-01		240.6	238.4	238.7	-1.2	0.1
Wood pallets and pallet containers, wood and metal combination	0841-0101	12/09	123.2	122.1	122.2	-1.3	0.1
Wood boxes	0842		199.6	199.6	199.6	-0.2	0.0
Wood boxes	0842-01		199.6	199.6	199.6	-0.2	0.0
Nailed and lock-corner wood boxes	0842-0101	06/85	169.3	169.3	169.3	0.0	0.0
Wood box and crate shook	0842-0102	06/85	158.1	158.1	158.1	-0.9	0.0
Wood container parts and wood containers, n.e.c.	0842-0127	12/03	132.2	132.2	132.2	0.0	0.0
Miscellaneous wood products	0849		120.9	120.3	120.3	-1.2	0.0
Wood ties, siding, shingles, & shakes and contract sawing	0849-03	12/03	145.0	141.0	141.3	-2.2	0.2
Wood ties, siding, shingles, & shakes and contract sawing	0849-0301	12/03	145.0	141.0	141.3	-2.2	0.2
Sawn wood fence stock, wood lath, and contract resawing and planing	0849-04	12/03	96.1	96.1	96.1	0.0	0.0
Sawn wood fence stock, wood lath, and contract resawing and planing	0849-0401	12/03	96.1	96.1	96.1	0.0	0.0
All other miscellaneous wood products	0849-09	06/84	197.8	197.6	197.4	-1.0	-0.1
All other miscellaneous wood products	0849-0901	06/84	197.8	197.6	197.4	-1.0	-0.1
Logs, bolts, timber, pulpwood and wood chips	085		239.2	237.2	237.8	-1.0	0.3
Logs, bolts, timber, pulpwood and wood chips	0851		239.2	237.2	237.8	-1.0	0.3
Logs, bolts, timber, pulpwood and wood chips	0851-05	12/11	102.2	101.4	101.6	-1.1	0.2
Logs, bolts, timber and pulpwood	0851-0502	12/11	104.9	104.0	104.4	-0.9	0.4
Wood chips, except field chips	0851-0505	12/11	91.1	90.2	90.0	-1.2	-0.2
Prefabricated wood buildings & components	086	12/84	242.4	243.2	243.3	0.9	0.0
Prefabricated wood buildings & components	0861	12/84	242.4	243.2	243.3	0.9	0.0
Prefabricated wood buildings & components	0861-01	12/84	242.4	243.2	243.3	0.9	0.0
Components for prefabricated stationary wood buildings (not sold as complete units)	0861-0101	12/84	174.2	174.4	174.3	0.1	-0.1
Precut packages for prefabricated stationary wood buildings (complete units)	0861-0102	12/84	275.6	277.1	276.9	1.8	-0.1
Prefabricated stationary wood buildings shipped in panel form (complete units)	0861-0103	12/84	252.1	256.1	256.2	2.1	0.0
Prefabricated stationary wood buildings shipped in three-dimensional assemblies	0861-0104	12/84	239.3	238.1	238.5	0.2	0.2
Prefabricated stationary residential wood buildings, inc. homes, townhouses and apts.	0861-01041	12/11	114.3	113.5	113.7	0.3	0.2
Prefabricated stationary nonresidential wood buildings, inc. motels and hotels	0861-01042	12/11	104.8	104.8	–	–	–
Treated wood and contract wood preserving	087	06/85	200.8	203.8	204.6	0.3	0.4
Treated wood and contract wood preserving	0871	06/85	200.8	203.8	204.6	0.3	0.4

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Treated wood	0871-01	06/85	199.4	202.6	203.4	0.2	0.4
Wood poles, piles, and posts owned and treated by the same establishment	0871-0101	06/85	258.7	257.5	259.1	0.3	0.6
Other wood products owned and treated by the same establishment	0871-0102	06/85	180.2	184.3	184.8	0.1	0.3
Contract wood preservation	0871-02	06/85	212.9	214.3	214.8	2.1	0.2
Contract wood preservation	0871-0201	06/85	212.9	214.3	214.8	2.1	0.2
Pulp, paper, and allied products	09		246.5	247.1	247.6	-0.5	0.2
Pulp, paper, and prod., ex. bldg. paper	091		215.2	215.5	216.0	-1.2	0.2
Woodpulp	0911		174.3	168.2	171.3	-6.5	1.8
Woodpulp	0911-05	06/06	121.0	116.8	118.9	-6.5	1.8
Woodpulp	0911-0501	06/06	121.0	116.8	118.9	-6.5	1.8
Wastepaper	0912		269.7	287.4	305.9	0.9	6.4
News and other low grade wastepaper	0912-01		148.1	178.0	187.4	11.6	5.3
News and other low grade wastepaper	0912-0125	06/06	66.9	80.4	84.6	11.6	5.2
Corrugated wastepaper	0912-03		223.2	243.6	264.4	5.4	8.5
Corrugated wastepaper	0912-0325	06/06	76.7	83.7	90.8	5.3	8.5
High grade wastepaper (including pulp substitutes and deinking)	0912-07	12/86	173.6	176.1	183.0	-6.1	3.9
High grade wastepaper (including pulp substitutes and deinking)	0912-0725	06/06	130.5	132.4	137.6	-6.1	3.9
Paper	0913		186.5	187.4	187.7	-1.2	0.2
Writing and printing papers	0913-01		181.4	180.9	181.3	-1.4	0.2
Ground wood paper, uncoated	0913-0101	12/99	83.2	81.6	–	–	–
Bleached bristol, clay-coated, uncoated, and industrial converted paper	0913-0119	12/11	97.1	97.1	97.2	-1.7	0.1
Printing paper, coated at establishments other than where paper was produced	0913-0120	12/11	106.1	103.3	103.3	0.2	0.0
Newsprint	0913-02		111.9	114.9	116.4	3.1	1.3
Newsprint	0913-0291		111.9	114.9	116.4	3.1	1.3
Packaging and industrial converting paper	0913-03		237.2	240.8	240.9	-2.2	0.0
Paper, construction	0913-0306	12/11	106.0	107.9	107.1	0.4	-0.7
Coated and laminated single and multi-web paper	0913-0321	12/87	179.2	178.3	179.3	-0.4	0.6
Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	0913-03211	12/11	99.8	99.0	100.1	-0.2	1.1
Multiweb laminated rolls and sheets, except foil, for flexible packaging uses	0913-03213	12/11	101.0	101.0	100.7	-0.8	-0.3
Coated and laminated single and multi-web film	0913-0322	12/87	192.9	196.6	196.5	-2.6	-0.1
Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	0913-03221	12/11	100.4	102.1	103.6	-4.2	1.5
Coextruded single-web film, for flexible packaging uses	0913-03222	12/11	93.9	96.6	96.3	-3.3	-0.3
Polypropylene/polypropylene multiweb laminated rolls and sheets, for flexible packaging uses	0913-03223	12/11	103.1	105.7	104.0	-0.7	-1.6
Other film/film multiweb laminated rolls and sheets	0913-03226	06/13	101.5	102.6	100.9	1.2	-1.7
All other coated and processed papers	0913-05	12/82	203.6	204.9	204.6	0.6	-0.1
Converted foil for nonpackaging applications	0913-0505	06/13	93.3	87.3	85.7	-9.8	-1.8
Other coated and processed papers, except for packaging uses	0913-0506	06/13	100.2	100.3	100.2	0.4	-0.1
Paperboard	0914		232.2	230.7	231.3	-4.4	0.3
Corrugated paperboard in sheets and rolls, lined and unlined	0914-05		228.8	226.7	226.7	-3.0	0.0
Corrugated paperboard in sheets and rolls, lined and unlined	0914-0551		228.8	226.7	226.7	-3.0	0.0
Paperboard, excluding corrugated paperboard	0914-11	12/82	245.5	244.0	244.7	-4.5	0.3
Recycled paperboard	0914-1105	12/82	285.5	283.1	285.3	-6.2	0.8
Unbleached kraft packaging and industrial converting paperboard	0914-1107	12/99	148.1	147.8	147.9	-2.8	0.1
Converted paper and paperboard products	0915		227.8	228.4	228.2	0.0	-0.1
Sanitary paper products, including stock	0915-01		182.1	182.2	182.0	-0.1	-0.1
Sanitary paper products, including stock	0915-0123	12/99	126.4	126.4	126.3	-0.1	-0.1
Sanitary tissue paper products, made in paper mills	0915-01233	12/07	111.2	111.4	111.3	0.2	-0.1
Paper, facial tissues and handkerchiefs, incl. sputum wipes, made in paper mills	0915-012331	12/07	99.9	100.1	99.9	-0.2	-0.2
Paper, table napkins, industrial & retail pkgs, bulk and dispenser types, made in paper mills	0915-012332	12/07	117.7	117.7	117.8	1.8	0.1
Paper towels, industrial pkgs (rolled, folded, and interfolded), made in paper mills	0915-012335	12/07	119.7	120.3	119.5	2.9	-0.7
Paper towels, retail packages (rolled, folded, and interfolded), made in paper mills	0915-012336	12/07	99.1	99.1	99.1	-5.6	0.0
Other sanitary paper products, made in paper mills	0915-012337	12/07	108.9	109.5	109.5	-2.0	0.0
Toilet tissue, retail packages, rolls and ovals	0915-012338	12/07	113.2	113.2	113.3	0.4	0.1
Disposable sanitary products, purchased sanitary paper stock and wadding	0915-01234	12/07	112.8	112.8	112.8	0.0	0.0
Sanitary tissue paper products, made from purchased materials	0915-01235	12/07	112.9	112.9	112.7	-1.3	-0.2
Paper, plastic, and foil bags	0915-02		273.9	275.7	275.9	-1.5	0.1
Specialty bags, pouches and liners	0915-0216	12/83	213.0	214.7	214.9	-1.8	0.1
Plastics, foil, and coated paper bags	0915-02161	12/10	102.7	102.7	102.7	0.4	0.0
Specialty bags, pouches, and liners, coated and single-web paper	0915-021611	06/13	105.7	–	105.7	0.0	–

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	0915-021612	06/13	106.0	106.0	106.0	0.5	0.0
Single-web film specialty bags, pouches, and liners	0915-02162	12/10	104.8	105.8	105.7	-1.9	-0.1
Polyethylene grocery and variety bags and pouches	0915-021621	12/11	100.5	100.3	100.3	–	0.0
Polyethylene refuse bags	0915-021622	12/11	100.7	103.8	103.7	-1.0	-0.1
Other polyethylene bags, pouches, and liners	0915-021625	12/11	101.2	101.7	101.9	-3.0	0.2
Multiweb film/film combination specialty bags, pouches and liners	0915-02163	12/10	116.4	116.6	118.4	-2.4	1.5
Shipping sacks and multiwall bags, all materials, excpet textiles	0915-0218	12/83	289.8	289.8	289.8	0.0	0.0
Paper boxes and containers	0915-03		247.4	248.0	247.8	0.1	-0.1
Corrugated and solid fiber boxes	0915-0301	06/87	237.5	237.2	237.1	-0.5	0.0
Corrugated shipping containers for food, beverages, carryout	0915-03011	12/09	121.3	121.0	121.0	-0.8	0.0
Corrugated shipping containers for paper and allied products	0915-03012	12/09	124.4	124.4	124.3	-0.3	-0.1
Corrugated shipping containers, metal machinery, etc.	0915-03013	12/09	127.2	126.9	127.0	-0.2	0.1
Corrugated shipping containers for all other end uses	0915-03014	12/09	119.7	119.6	119.2	-1.0	-0.3
Setup (rigid) paperboard boxes	0915-0322	12/83	229.0	229.9	229.9	3.7	0.0
Folding paperboard boxes	0915-0336	12/04	112.3	113.7	113.5	2.2	-0.2
Folding paperboard boxes, packaging, and pkg. components	0915-033601	12/11	102.8	104.2	103.9	2.1	-0.3
Paperboard fiber drums with ends of any material	0915-0337		362.0	373.5	378.0	6.8	1.2
Other corrugated & solid fiber products, incl. containers, etc.	0915-04		294.4	294.5	294.6	-0.7	0.0
Other corrugated & solid fiber products, incl. containers, etc.	0915-0441		409.4	409.5	409.7	-0.8	0.0
Office supplies and accessories	0915-06		175.8	176.8	176.3	1.3	-0.3
Envelopes	0915-0636	12/84	164.9	166.9	166.7	0.8	-0.1
Die-cut paper and paperboard office supplies	0915-0646	12/03	145.7	146.3	147.6	2.4	0.9
Paper supplies for business machines and other misc. unprinted office supplies	0915-0655	06/90	182.8	182.6	180.0	2.3	-1.4
Tablets, pads, and related products	0915-0657	12/11	102.9	103.0	102.8	0.8	-0.2
Stationery	0915-06571	12/11	102.8	103.0	102.8	1.0	-0.2
Fiber and composite cans & related products	0915-07		287.8	287.9	287.9	2.2	0.0
Fiber cans, all fiber and composite	0915-0731	12/09	115.6	115.6	115.6	1.9	0.0
Fiber cores and tubes	0915-0732	12/09	107.5	107.5	107.5	2.3	0.0
Paperboard cones/reels/etc./all vulcanized fiber products	0915-0733	12/09	123.0	123.2	123.2	3.9	0.0
Molded pulp goods, including egg cartons, florists pots, food trays, etc.	0915-08	06/85	197.5	197.5	197.5	0.0	0.0
Molded pulp goods, including egg cartons, florists pots, food trays, etc.	0915-0814	06/90	171.9	171.9	171.9	0.0	0.0
Miscellaneous converted paper and paperboard products	0915-09	12/84	199.8	199.8	200.1	-0.1	0.2
Pasted, lined, laminated, or surface-coated paperboard	0915-0901	12/84	239.4	239.4	239.4	-0.6	0.0
Wallcoverings	0915-0902	06/85	181.5	181.8	181.8	4.2	0.0
Other sanitary paper/paperboard food containers/boards/trays	0915-0999	12/84	197.6	197.6	198.0	-0.4	0.2
Miscellaneous converted paper and paperboard products	0915-09992	06/10	114.3	114.3	114.6	-0.4	0.3
Pressure-sensitive products	0916	12/82	183.0	181.7	181.5	-1.4	-0.1
Pressure-sensitive products	0916-01	12/82	183.0	181.7	181.5	-1.4	-0.1
Pressure-sensitive products	0916-0101	12/82	182.6	181.4	181.1	-1.4	-0.2
Building paper & building board mill prods.	092		193.7	201.4	201.8	10.2	0.2
Hardboard, particleboard & fiberboard prods.	0922		182.5	190.0	190.2	10.5	0.1
Particleboard and fiberboard	0922-01		187.3	195.8	196.0	11.8	0.1
Particleboard	0922-0123	12/82	235.6	235.6	235.4	0.0	-0.1
Industrial particleboard	0922-01231	06/09	123.9	124.0	123.8	-0.1	-0.2
Non-industrial particleboard	0922-01232	06/09	113.3	113.3	113.3	0.0	0.0
Waferboard and oriented strandboard (OSB)	0922-0124	12/82	165.6	182.0	182.4	27.9	0.2
Medium density fiberboard (MDF)	0922-0131	06/84	184.4	184.4	184.4	0.2	0.0
Hardboard products	0922-02	06/84	155.2	155.9	155.9	0.7	0.0
Hardboard products	0922-0206	12/11	118.3	118.9	118.9	0.8	0.0
Publications, printed matter and printing material	094	06/09	104.0	104.1	104.3	0.2	0.2
Books printing	0944	12/83	181.1	181.0	181.1	-0.2	0.1
Books printing	0944-01	12/83	181.1	181.0	181.1	-0.2	0.1
Books printing	0944-0114	06/05	115.2	115.2	115.3	-0.2	0.1
Textbook printing and binding	0944-01141	12/11	101.5	101.5	101.5	-0.6	0.0
Technical, scientific, & professional book printing & binding	0944-01143	12/11	102.9	103.2	104.0	1.1	0.8
Religious book printing and binding	0944-01145	12/11	98.9	98.9	99.0	-1.5	0.1
General book (trade, etc.) printing and binding	0944-01147	12/11	116.5	116.5	116.5	-0.1	0.0
Other book printing and binding	0944-01149	12/11	105.7	106.2	106.2	0.0	0.0
Pamphlet printing and binding or printing only (excluding advertising pamphlets)	0944-0114C	12/11	133.2	128.9	128.9	-0.8	0.0
Manifold business forms	0945	12/83	353.3	353.6	355.1	0.4	0.4
Manifold business forms	0945-01	12/83	353.3	353.6	355.1	0.4	0.4
Unit set business forms, loose or bound, including label/form type	0945-0101	12/83	393.0	393.0	396.5	1.2	0.9
Manifold books (incl. sales) and pegboard accounting systems	0945-0102	12/83	277.7	261.6	272.4	-1.9	4.1
Custom continuous business forms	0945-0103	12/83	320.4	320.6	321.1	-0.3	0.2

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Stock continuous business forms	0945-0104	12/83	369.8	–	371.8	0.5	–
Commercial printing	0947	06/82	169.7	169.8	170.3	0.2	0.3
Magazine and periodical printing	0947-01	06/82	122.5	–	125.8	2.1	–
Magazine and periodical printing (lithographic) (offset)	0947-0102	06/82	130.3	–	133.0	2.1	–
Label and wrapper printing for packaging	0947-02	06/82	182.6	182.7	182.6	0.1	-0.1
Label and wrapper printing (lithographic) (offset)	0947-0202	06/82	149.5	149.5	149.5	-0.1	0.0
Label and wrapper printing (gravure)	0947-0203	06/82	133.7	133.7	133.7	0.1	0.0
Label and wrapper printing (flexographic)	0947-0205	12/08	107.1	107.2	107.2	0.3	0.0
Catalog and directory printing	0947-03	06/82	132.8	132.8	132.8	0.0	0.0
Catalog and directory printing (lithographic) (offset)	0947-0302	06/82	144.6	144.6	144.6	0.0	0.0
Financial and legal printing (lithographic) (offset)	0947-04	06/82	182.8	182.8	182.8	0.0	0.0
Financial and legal printing (lithographic) (offset)	0947-0402	06/82	171.3	171.3	171.3	0.0	0.0
Advertising printing	0947-05	06/82	155.7	156.1	155.5	0.0	-0.4
Advertising printing (lithographic) (offset)	0947-0502	06/82	152.3	152.2	151.9	-0.1	-0.2
Direct mail advertising printing (lithographic) (offset)	0947-05021	06/82	151.7	151.7	151.1	-0.2	-0.4
Advertising printing (lithographic) except direct mail	0947-05022	12/11	100.5	100.4	100.4	-0.1	0.0
Other general job printing	0947-06	06/82	229.6	229.7	230.8	1.3	0.5
Other commercial and general job printing (gravure)	0947-0603	06/82	113.3	113.3	113.3	-0.4	0.0
Quick printing	0947-0604	12/08	108.0	108.0	110.3	4.7	2.1
Other commercial and general job printing	0947-0609	06/82	226.0	226.1	226.1	0.4	0.0
General job printing, nec (lithographic) (offset)	0947-06091	06/09	102.2	102.3	102.3	0.2	0.0
Commercial printing, n.e.c.	0947-11	12/88	141.8	141.8	141.2	-1.9	-0.4
Screen printed materials	0947-1101	06/82	149.1	149.2	147.6	-5.1	-1.1
Screen printed labels	0947-11011	06/09	100.9	–	100.9	0.0	–
Screen printed materials except labels and garments, apparel accessories and other textiles	0947-11012	06/09	107.8	107.9	106.4	-6.7	-1.4
Screen printed advertising materials	0947-110121	06/10	104.9	105.1	102.2	-13.2	-2.8
Screen printed decalcomanias and pressure sensitives	0947-110122	06/10	112.3	112.3	112.3	3.7	0.0
Other commercial and general job printing (screen)	0947-110123	06/10	105.3	105.3	105.3	0.0	0.0
Digital commercial printing	0947-1103	12/88	108.5	108.5	108.5	-0.2	0.0
Printing other than labels and wrappers (flexographic)	0947-1106	12/08	101.0	100.6	100.6	-0.6	0.0
Blankbooks, binders, and bookbinding work	0948	06/85	220.0	221.7	221.6	1.4	0.0
Checkbooks, blankbooks, looseleaf binders, and devices	0948-01	06/85	252.1	254.9	254.9	1.6	0.0
Blankbooks, looseleaf binders and devices	0948-0104	12/11	104.7	104.7	104.7	1.1	0.0
Blankbook making, except checkbooks	0948-010401	12/09	116.0	116.0	116.0	1.9	0.0
Looseleaf binders, devices, and forms	0948-010402	06/85	185.5	185.5	185.5	0.7	0.0
Tradebinding and related work	0948-02	12/85	167.0	167.7	167.5	1.1	-0.1
Edition, library and other hardcover book binding	0948-0201	12/85	180.0	180.0	179.9	0.4	-0.1
Miscellaneous binding and postpress work	0948-0203	12/11	105.5	106.3	106.2	1.9	-0.1
Softcover, pamphlet, samplebook and other binding of books and materials printed elsewhere	0948-0204	12/11	104.1	104.1	104.1	0.2	0.0
Services for the printing trade	0949	06/85	104.8	104.8	104.8	-1.5	0.0
Services for the printing trade	0949-05	12/03	93.5	93.5	93.5	-1.5	0.0
Prepress services, except platemaking	0949-0501	12/03	89.6	89.6	89.6	-2.3	0.0
Printing plates prepared for printing exc blanks	0949-0502	12/03	104.0	104.0	104.0	-0.1	0.0
Metals and metal products	10		190.3	195.1	197.1	-1.7	1.0
Iron and steel	101		175.4	192.4	194.1	-2.1	0.9
Iron ores	1011		111.1	136.4	135.3	0.6	-0.8
Iron ores	1011-05	12/97	116.8	143.4	142.2	0.6	-0.8
Iron ores	1011-0555	12/97	116.8	143.4	142.2	0.6	-0.8
Iron and steel scrap	1012		285.5	370.3	352.8	-6.4	-4.7
Carbon steel scrap	1012-11	12/86	259.5	337.6	321.5	-6.2	-4.8
Heavy melting scrap	1012-1191	06/96	156.3	198.7	192.8	-3.8	-3.0
Carbon steel scrap bundles	1012-1192	06/96	125.3	174.9	173.2	-0.5	-1.0
Shredded carbon steel scrap	1012-1193	06/96	132.6	167.1	159.3	0.4	-4.7
Cut plate and structural scrap	1012-1194	06/96	153.7	185.3	167.2	-15.1	-9.8
Other carbon steel scrap	1012-1195	06/96	129.6	176.6	164.6	-12.6	-6.8
Stainless and other alloy steel scrap	1012-12	12/86	306.7	349.3	339.1	-13.2	-2.9
Stainless and other alloy steel scrap	1012-1208	06/96	198.7	226.3	219.7	-13.2	-2.9
Cast iron scrap	1012-13	12/86	197.1	226.4	226.9	-7.0	0.2
Cast iron scrap	1012-1308	06/96	153.4	176.3	176.7	-7.0	0.2
Other ferrous scrap	1012-15	06/06	62.3	83.8	79.5	-6.6	-5.1
Other ferrous scrap	1012-1501	06/06	62.3	83.8	79.5	-6.6	-5.1
Foundry and forge shop products	1015		209.0	208.0	208.0	-0.5	0.0
Pressure and soil pipe & fittings, cast iron	1015-02		406.4	399.0	400.5	1.9	0.4
Pressure pipe & fittings, cast iron	1015-021	12/11	104.2	102.0	102.4	2.2	0.4
Pressure pipe & fittings, ductile iron	1015-0211		315.9	309.1	310.4	2.3	0.4

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Pressure pipe & fittings, gray iron	1015-0215	06/12	113.8	113.9	113.9	0.1	0.0
Soil pipe & fittings, cast iron	1015-0227		573.7	573.7	573.7	-0.1	0.0
Other gray and ductile iron castings	1015-04		206.5	205.4	205.8	-1.5	0.2
Ductile iron castings (excluding pressure pipe & fittings)	1015-0413	12/03	152.6	153.8	154.0	-0.8	0.1
Ductile iron castings for automotive uses	1015-04131	06/12	97.5	–	–	–	–
Ductile iron castings for all other uses	1015-04132	06/12	100.7	100.9	101.2	-0.7	0.3
Gray iron castings (excluding soil & pressure pipe & fittings)	1015-0419	12/11	102.4	102.5	102.7	-0.4	0.2
Standard and pearlitic malleable iron castings	1015-05		278.6	278.6	278.6	1.8	0.0
Standard and pearlitic malleable iron castings	1015-0501		278.6	278.6	278.6	1.8	0.0
Steel investment castings	1015-06		216.5	216.4	216.6	-1.1	0.1
Steel investment castings	1015-0624	12/03	123.6	123.5	123.6	-1.1	0.1
Carbon steel castings, except investment	1015-07		239.5	240.1	243.5	1.3	1.4
Carbon steel castings, except investment	1015-0701	12/03	162.1	162.5	164.8	1.3	1.4
High alloy steel castings, except investment	1015-08		206.4	211.3	211.3	-0.1	0.0
High alloy steel castings, except investment	1015-0801	12/03	151.6	155.2	155.2	-0.1	0.0
Other alloy steel castings, except investment	1015-09		213.9	213.9	213.9	-0.5	0.0
Other alloy steel castings, except investment	1015-0901	12/03	153.2	153.2	153.2	-0.5	0.0
Other forge shop products	1015-13	06/82	160.3	159.6	158.6	-0.7	-0.6
Open die and smith forgings (hammer and press), ferrous	1015-1318	06/09	114.3	109.9	–	–	–
Closed die forgings, ferrous	1015-1359	06/98	124.8	125.3	124.3	-1.8	-0.8
Hot impression die impact, press and upset steel forgings	1015-135911	12/07	118.6	118.9	118.0	-2.2	-0.8
Hot impression die impact, press, and upset carbon steel forgings	1015-1359111	06/09	102.6	102.6	102.6	-1.3	0.0
Hot impression die impact, press, & upset alloy steel forgings, except stainless and high temp	1015-1359112	06/09	103.7	105.4	103.3	-3.7	-2.0
Electrometallurgical ferroalloy products	1016		136.6	137.7	137.7	-30.0	0.0
Electrometallurgical ferroalloy products	1016-09	12/09	62.3	62.8	62.8	-30.0	0.0
Electrometallurgical ferroalloy products	1016-0901	12/09	62.3	62.8	62.8	-30.0	0.0
Steel mill products	1017		157.2	168.8	174.1	-0.9	3.1
Semifinished steel mill products	1017-02	06/82	213.1	228.3	250.2	8.5	9.6
Wire rod, carbon	1017-0202	12/10	83.8	86.0	86.0	-9.9	0.0
Steel ingots and semifinished steel mill products, alloy	1017-0204	12/10	78.6	79.3	79.1	-3.4	-0.3
Hot rolled steel sheet and strip, including tin mill products	1017-03	06/82	95.4	109.2	113.4	1.8	3.8
Hot rolled steel sheet and strip, including tin mill products	1017-0301	12/03	84.8	97.0	100.7	1.8	3.8
Hot rolled steel bars, plates, & structural shapes	1017-04	06/82	157.9	165.1	165.1	-11.4	0.0
Hot rolled steel bars, carbon	1017-0402	12/10	79.2	84.3	84.0	-11.9	-0.4
Hot rolled steel plates, carbon	1017-0403	12/10	84.3	–	–	–	–
Hot rolled steel bars, plates, & structural shapes, alloy	1017-0406	12/10	83.8	91.6	90.7	-7.9	-1.0
Steel wire	1017-05	06/82	226.7	232.8	230.6	-3.4	-0.9
Steel wire, carbon	1017-0501	12/03	218.1	226.1	223.6	-2.4	-1.1
Steel wire, stainless steel	1017-0502	12/10	86.0	83.8	83.8	-9.8	0.0
Steel wire, alloy	1017-0503	12/10	91.5	90.7	90.7	-5.5	0.0
Steel pipe and tube	1017-06	06/82	211.5	214.6	226.4	0.0	5.5
Oil country tubular goods(OCTG), standard, line pipe, carbon	1017-0671	12/10	76.9	–	82.5	-4.2	–
Pressure, mechanical, structural and other steel pipe and tube, carbon	1017-0672	12/10	90.6	95.7	105.2	10.6	9.9
Steel pipe and tube, alloy	1017-0673	12/10	92.8	84.1	85.7	-7.3	1.9
Steel pipe and tube, stainless steel	1017-0674	12/10	94.5	86.7	89.0	-9.5	2.7
Cold rolled steel sheet and strip	1017-07	06/82	173.7	193.0	198.2	2.1	2.7
Cold finished steel bars and bar shapes	1017-08	06/82	175.1	181.8	181.5	3.2	-0.2
Cold finished steel bars and bar shapes, carbon	1017-0802	12/10	109.9	113.6	113.5	4.4	-0.1
Cold finished steel bars and bar shapes, alloy	1017-0803	12/10	103.6	111.1	110.4	4.2	-0.6
Cold finished steel bars and bar shapes, stainless	1017-0804	12/10	80.0	81.8	–	–	–
Nonferrous metals	102		207.4	206.8	212.0	-3.2	2.5
Nonferrous metal ores	1021	12/83	255.2	251.7	268.2	-0.3	6.6
Copper ores	1021-02	06/88	266.1	254.3	255.1	-13.6	0.3
Copper ores	1021-0201	06/88	266.1	254.3	255.1	-13.6	0.3
Gold ores	1021-05	06/85	308.9	311.6	332.5	13.3	6.7
Gold ores	1021-0501	06/85	309.4	312.0	333.0	13.3	6.7
Other metal ores	1021-12	12/03	431.6	418.4	476.0	-4.0	13.8
Other metal ores	1021-1201	12/03	431.6	418.4	476.0	-4.0	13.8
Primary nonferrous metals	1022		164.5	164.0	171.0	1.4	4.3
Primary nonferrous metals	1022-01		168.6	168.0	175.2	1.4	4.3
Copper cathode and refined copper	1022-0131	12/96	187.7	178.0	184.1	-5.5	3.4
Other nonferrous metals, unalloyed	1022-0181	06/88	238.8	236.8	250.0	9.8	5.6
Nonferrous scrap	1023		284.4	288.8	302.6	-5.3	4.8
Copper base scrap	1023-01		359.0	376.2	389.3	-11.4	3.5
No. 1 copper scrap, including wire	1023-0101	12/86	287.3	284.2	295.7	-13.8	4.0
No. 2 copper scrap, including wire	1023-0102	12/86	451.2	448.0	461.5	-10.9	3.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Yellow brass scrap	1023-0103	12/86	456.6	466.4	478.4	-9.0	2.6
Other copper and brass scrap	1023-0104	12/86	379.5	440.2	456.5	-10.2	3.7
Aluminum base scrap	1023-02		184.6	184.9	190.1	-5.2	2.8
Solids and clippings, new aluminum base scrap	1023-0201	12/86	147.4	145.0	151.4	-5.1	4.4
Borings, turnings, and other new aluminum base scrap	1023-0202	12/86	166.8	173.8	173.8	-9.2	0.0
Used beverage can scrap	1023-0205	12/86	168.3	172.5	179.0	2.9	3.8
Other old aluminum base scrap	1023-0206	12/86	136.5	135.3	136.8	-9.0	1.1
Other nonferrous scrap (including lead, zinc and precious metals)	1023-03		257.7	258.0	279.0	0.7	8.1
Other nonferrous scrap (including lead, zinc and precious metals)	1023-0309	06/06	110.2	110.3	119.3	0.7	8.2
Secondary nonferrous metals	1024		204.8	208.5	213.6	0.0	2.4
Secondary aluminum	1024-02		168.4	166.9	164.8	-8.9	-1.3
Secondary aluminum	1024-0229	06/97	104.8	103.9	102.6	-8.9	-1.3
Secondary copper, alloyed and unalloyed	1024-03		452.5	457.5	467.6	-3.7	2.2
Secondary copper, alloyed and unalloyed	1024-0339	06/97	296.5	299.8	306.4	-3.8	2.2
Secondary precious metals	1024-06		257.2	273.5	292.7	16.2	7.0
Secondary precious metals	1024-0669	06/97	304.9	324.3	347.1	16.3	7.0
All other miscellaneous secondary nonferrous metals, including lead	1024-08	06/11	80.8	78.3	80.9	-3.7	3.3
All other miscellaneous secondary nonferrous metals, including lead	1024-0801	06/11	80.8	78.3	80.9	-3.7	3.3
Nonferrous mill shapes	1025		178.5	177.9	179.8	-4.3	1.1
Aluminum mill shapes	1025-01		162.9	164.1	164.4	-2.4	0.2
Aluminum sheet and strip	1025-0105	12/03	112.7	113.7	114.8	-3.0	1.0
Extruded aluminum rod, bar, and other extruded shapes	1025-0162	12/04	98.6	99.0	99.5	-1.5	0.5
Aluminum extruded and drawn pipe and tube	1025-0163	12/04	89.9	90.2	90.4	-2.4	0.2
Copper and brass mill shapes	1025-02		327.3	317.0	330.2	-8.4	4.2
Copper and copper-base alloy sheet, strip and plate	1025-0237	12/03	177.4	169.2	174.0	-7.6	2.8
Copper and copper-base alloy rod, bar and shapes	1025-0238	12/03	209.9	204.4	208.6	-11.1	2.1
Copper and copper-base alloy pipe and tube	1025-0239	06/04	166.1	161.7	176.6	-4.1	9.2
Nickel and nickel-base alloy mill shapes	1025-04		146.3	145.5	–	–	–
Nickel and nickel-base alloy mill shapes	1025-0466	12/03	106.3	105.7	–	–	–
Titanium and titanium-base alloy mill shapes	1025-05		171.6	171.0	161.7	-5.1	-5.4
Titanium and titanium-base alloy mill shapes	1025-0505	12/03	152.6	152.1	143.8	-5.1	-5.5
Other nonferrous mill shapes	1025-19		198.1	205.1	–	–	–
All other nonferrous metal mill shapes	1025-1935	12/03	165.0	170.8	–	–	–
Nonferrous wire and cable	1026		226.8	223.0	223.6	-6.2	0.3
Nonferrous wire and cable	1026-03	12/82	232.6	228.7	229.3	-6.2	0.3
Electronic wire and cable	1026-0301	12/82	253.9	252.3	253.2	-0.7	0.4
Telephone and telegraph wire and cable	1026-0302	06/04	220.9	222.9	219.8	-4.2	-1.4
Building wire and cable	1026-0306	06/04	182.0	182.0	–	–	–
Copper wire and cable	1026-0314	12/86	252.3	239.6	242.2	-12.8	1.1
Aluminum wire and cable	1026-0331	06/87	134.8	134.8	–	–	–
Power wire and cable	1026-0332	06/04	180.6	182.3	181.6	-5.5	-0.4
Fiber optic cable	1026-0333	12/88	58.3	58.3	58.4	1.0	0.2
Other wire and cable	1026-0398	06/04	141.9	140.1	139.9	-4.0	-0.1
Nonferrous forge shop products	1027	12/83	167.3	165.9	165.9	-0.5	0.0
Nonferrous forge shop products	1027-01	12/83	167.3	165.9	165.9	-0.5	0.0
Nonferrous forge shop products	1027-0111	12/83	168.1	166.7	166.7	-0.5	0.0
Hot impression die, impact, press and upset aluminum and other nonferrous forgings	1027-01111	12/07	97.2	97.9	97.9	1.3	0.0
Hot impression die, impact, press and upset aluminum and aluminum alloy forgings	1027-011111	12/07	98.1	99.6	99.6	1.5	0.0
Hot impression die, impact, press and upset titanium and titanium alloy forgings	1027-011112	12/07	94.4	–	–	–	–
Other nonferrous hot impression die impact, press, and upset forgings	1027-011113	12/07	100.8	100.8	100.8	1.5	0.0
Nonferrous foundry shop products	1028		207.1	206.2	206.1	-2.2	0.0
Castings, aluminum and aluminum-base alloy	1028-02		181.9	181.5	180.9	-2.4	-0.3
Sand castings, aluminum and aluminum-base alloy	1028-0204	06/83	218.7	218.9	218.8	-2.0	0.0
Permanent and semi-permanent mold castings, aluminum and aluminum-base alloy	1028-0205	06/83	160.9	160.3	160.3	-1.6	0.0
Investment and other castings and cast products, aluminum and aluminum-base alloy	1028-0206	06/83	221.3	219.5	219.5	-0.4	0.0
Die castings, aluminum and aluminum-base alloy	1028-0207	06/83	156.8	156.5	155.7	-3.0	-0.5
Castings, nonferrous (except aluminum)	1028-07	12/11	98.5	97.7	98.2	-1.7	0.5
Castings, nonferrous (except aluminum)	1028-0701	12/11	98.5	97.7	98.2	-1.7	0.5
Nonferrous die-castings (except aluminum)	1028-07011	12/11	97.7	97.7	98.4	-0.4	0.7
Other nonferrous castings (excl. die-castings), except copper	1028-07012	12/11	108.9	106.7	107.1	-1.2	0.4
Copper and copper-base alloy castings (excl. die-castings)	1028-07013	12/11	90.6	90.0	90.5	-3.6	0.6
Metal containers	103		144.5	145.2	146.1	-2.4	0.6

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Metal cans and can components	1031		135.4	135.2	135.3	-4.5	0.1
Steel cans and tinware end products	1031-02		190.7	190.5	190.7	-4.9	0.1
Steel cans and tinware end products	1031-0231	12/01	149.5	149.3	149.5	-5.0	0.1
Aluminum cans and can components	1031-03		101.8	101.8	101.8	-4.1	0.0
Aluminum cans and can components	1031-0331	12/01	120.1	120.1	120.1	-4.2	0.0
Barrels, drums, pails and other metal containers	1032		239.9	246.6	253.3	5.8	2.7
Barrels, drums, pails and other metal containers	1032-01		239.9	246.6	253.3	5.8	2.7
Steel pails (1- to 12-gallon capacity) and fabricated steel boxes	1032-0105	12/11	97.9	105.1	114.7	14.1	9.1
Steel shipping barrels and drums (excl. beer barrels) (more than 12-galllon capacity)	1032-0106	12/11	92.4	97.2	100.2	6.4	3.1
All other metal containers	1032-0107	12/11	103.1	103.5	103.9	2.7	0.4
Hardware	104		210.5	210.9	210.5	0.6	-0.2
Hardware, n.e.c.	1041		202.7	203.0	202.3	0.5	-0.3
Builders' hardware	1041-01		246.8	247.6	246.9	1.6	-0.3
Builders' hardware (lock units, key blanks, door & window hardware, cabinet hardware, etc.)	1041-0104	06/07	124.4	124.8	124.4	1.6	-0.3
Transportation equipment hardware	1041-03		143.5	143.5	143.6	-0.3	0.1
Motor vehicle hardware	1041-0311	06/85	117.6	117.7	117.7	-0.9	0.0
Other transportation equipment hardware	1041-0341	06/85	445.6	445.6	446.7	1.5	0.2
Furniture hardware	1041-04		221.3	–	–	–	–
Furniture hardware	1041-0411	06/85	197.7	–	–	–	–
Other miscellaneous hardware	1041-05	06/85	266.5	266.4	266.4	0.0	0.0
Other miscellaneous hardware	1041-0502	12/03	188.6	188.5	188.5	-0.1	0.0
Hand and edge tools	1042		229.7	230.2	230.3	0.8	0.0
Hand and edge tools	1042-01		229.7	230.2	230.3	0.8	0.0
Mechanics hand service tools	1042-0135	06/06	116.2	116.8	116.8	1.5	0.0
Edge tools, hand operated	1042-0145	06/06	126.0	126.0	126.0	0.7	0.0
Other handtools, n.e.c.	1042-0155	06/06	120.2	120.2	120.4	0.4	0.2
All other handtools, n.e.c.	1042-01554	12/11	108.8	108.8	109.0	0.6	0.2
Saw blades and handsaws	1042-0168	12/03	116.4	116.4	116.4	-0.1	0.0
Plumbing fixtures and fittings	105		257.5	258.0	257.9	0.3	0.0
Plumbing fixture fittings and trim	1054		295.6	295.9	295.8	0.1	0.0
Plumbing fixture fittings and trim	1054-02		295.5	295.7	295.7	0.1	0.0
Bath and shower fittings	1054-0211	06/83	246.1	246.1	–	–	–
Lavatory and sink fittings	1054-0218	06/98	147.3	147.6	147.6	0.2	0.0
Enameled iron & metal sanitary ware	1056	12/86	222.5	224.2	224.2	1.0	0.0
Enameled iron & metal sanitary ware	1056-01	12/86	222.5	224.2	224.2	1.0	0.0
Enameled iron & metal sanitary ware	1056-0102	12/03	158.8	160.0	160.0	1.0	0.0
Heating equipment	106		250.9	250.7	250.0	0.2	-0.3
Steam and hot water equipment	1061		276.5	264.0	264.0	-3.4	0.0
Steam and hot water equipment	1061-01		276.5	264.0	264.0	-3.4	0.0
Cast iron heating boilers, radiators and convectors	1061-0106	06/99	174.3	163.8	163.8	-4.5	0.0
Furnaces and heaters, including parts	1062		193.5	195.4	193.8	0.1	-0.8
Furnaces and heaters, including parts	1062-01		193.5	195.4	193.8	0.1	-0.8
Furnaces and heaters, including parts	1062-0146	12/03	127.9	129.1	128.1	0.1	-0.8
Floor & wall furnaces, unit heaters, infrared heaters, & mechanical stokers, including parts	1062-01462	12/09	109.3	110.5	110.5	2.1	0.0
Other heating equipment, non-electric, including parts	1063		234.8	236.3	235.8	2.3	-0.2
Other heating equipment, non-electric, including parts	1063-01		234.8	236.3	235.8	2.3	-0.2
Other heating equipment, non-electric, including parts	1063-0161	06/99	145.7	146.7	146.4	2.4	-0.2
Domestic heating stoves	1064		199.6	201.5	201.5	-0.3	0.0
Domestic heating stoves	1064-01		199.6	201.5	201.5	-0.3	0.0
Domestic heating stoves	1064-0141	06/99	157.1	158.6	158.6	-0.3	0.0
Domestic water heaters	1066		355.8	355.8	355.8	1.3	0.0
Domestic water heaters	1066-01		355.8	355.8	355.8	1.3	0.0
Household water heaters, electric, for permanent installation	1066-0101		338.0	337.9	337.9	1.3	0.0
Household water heaters, except electric	1066-0114	12/00	223.5	223.5	223.5	1.2	0.0
Fabricated structural metal products	107		211.9	214.1	215.4	-0.1	0.6
Metal doors, sash, and trim	1071		234.9	235.1	234.5	-0.3	-0.3
Metal doors and frames (except storm)	1071-02	06/83	231.0	231.5	230.6	-0.7	-0.4
Metal doors and frames (except storm)	1071-0209	06/07	119.8	120.1	119.6	-0.7	-0.4
Metal windows (except storm sash)	1071-03	06/83	218.2	218.6	218.8	-0.2	0.1
Metal windows (except storm sash)	1071-0313	06/97	149.0	149.3	149.4	-0.1	0.1
Metal molding and trim and store fronts	1071-04	06/83	400.9	394.6	394.6	2.9	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Metal molding and trim and store fronts	1071-0413	06/83	400.9	394.6	394.6	2.9	0.0
Metal combination screen, storm sash, and storm doors	1071-05	06/83	–	179.6	179.6	0.2	0.0
Metal combination screen, storm sash, and storm doors	1071-0515	06/83	–	179.6	179.6	0.2	0.0
Metal window/door screens (except combination screens) and metal weather strip	1071-07	05/16	–	100.0	100.0	–	0.0
Metal window/door screens (except combination screens) and metal weather strip	1071-0717	05/16	–	100.0	100.0	–	0.0
Metal tanks	1072		194.7	195.2	195.2	-0.1	0.0
Metal tanks	1072-01		194.7	195.2	195.2	-0.1	0.0
Storage and other non-pressure tanks	1072-0104	12/94	153.0	155.6	155.6	0.1	0.0
Metal tanks, complete at factory, standard line pressure	1072-0126	12/01	156.7	157.0	157.0	0.2	0.0
Sheet metal products	1073		195.6	195.7	196.8	-0.7	0.6
Sheet metal products	1073-01		195.6	195.7	196.8	-0.7	0.6
Sheet metal air-conditioning ducts and stove pipe	1073-0120	12/03	171.4	171.4	171.4	-0.1	0.0
Sheet metal roofing and roof drainage equipment	1073-0170	12/03	137.7	138.8	138.8	-1.6	0.0
Sheet metal awnings, canopies, cornices, and soffits	1073-01A1	06/11	103.6	103.6	103.6	0.0	0.0
Sheet metal electronic enclosures	1073-01C	06/11	102.1	102.1	102.1	1.1	0.0
Steel sheet metal computer & peripheral equipment enclosures	1073-01C1	06/11	105.9	105.9	105.9	2.0	0.0
Aluminum sheet metal computer & peripheral equipment enclosures	1073-01C2	06/11	94.3	94.1	94.2	-0.7	0.1
Other sheet metal electronic enclosures (excl. computers)	1073-01C3	06/11	101.0	101.0	101.0	0.7	0.0
Other sheet metal work	1073-01G	06/11	102.7	102.7	102.7	-0.7	0.0
Structural, architectural, and pre-engineered metal products	1074		203.1	205.7	208.1	-0.5	1.2
Fabricated structural metal	1074-05		193.5	198.0	201.0	-0.6	1.5
Fabricated structural metal bar joists and concrete reinforcing bars	1074-051		189.0	195.6	196.5	2.0	0.5
Fabricated structural iron & steel for industrial bldgs metal bar joists, short span	1074-0510	06/11	96.7	104.4	105.4	6.9	1.0
Fabricated structural iron & steel for commercial, residential, institutional, & public bldgs.	1074-0514	06/11	108.7	111.4	111.7	0.9	0.3
Other fabricated structural metal, including for bridges	1074-055	06/82	191.5	189.7	198.5	-7.5	4.6
Fabricated structural metal for bridges	1074-0553	12/07	101.7	97.8	100.1	-12.2	2.4
Custom roll form products	1074-07		138.6	138.7	142.4	-1.0	2.7
Custom roll form products	1074-077	06/90	130.9	131.0	134.4	-1.0	2.6
Ornamental and architectural metal work	1074-08	12/83	255.8	258.0	258.4	0.5	0.2
Iron, steel, and aluminum stairs, staircases and fire escapes	1074-0803	12/83	186.8	187.7	190.0	-0.3	1.2
Steel and aluminum fences, gates (not wire), and railings and window guards	1074-0813	12/97	155.1	161.8	161.7	4.3	-0.1
Open metal flooring, grating and studs	1074-0814	12/97	149.7	–	153.6	0.0	–
Other architectural and ornamental metal work	1074-082	12/97	169.8	169.9	169.7	0.1	-0.1
Other aluminum and metal architectural and ornamental work	1074-0821	12/08	109.9	110.0	109.7	-0.4	-0.3
Other iron and steel architectural and ornamental work	1074-0822	12/08	109.3	109.4	109.3	0.3	-0.1
Fabricated metal pipe, tube, and fittings	1074-11	12/11	100.6	100.1	100.1	-0.9	0.0
Fabricated metal pipe, tube, and fittings	1074-1151	12/11	100.6	100.1	100.1	-0.9	0.0
Heat exchangers and steam condensers	1075		285.6	287.5	287.3	3.2	-0.1
Heat exchangers and steam condensers (except for nuclear applications)	1075-01		285.6	287.5	287.3	3.2	-0.1
Heat exchangers and steam condensers (except for nuclear applications)	1075-0103		285.6	287.5	287.3	3.2	-0.1
Fabricated steel plate	1076		211.7	213.8	213.6	-0.1	-0.1
Fabricated steel plate	1076-01		211.7	213.8	213.6	-0.1	-0.1
Fabricated steel plate	1076-0102	12/01	144.5	145.9	145.8	-0.1	-0.1
Stationary and marine power boilers	1077		216.9	216.9	216.9	-1.9	0.0
Stationary and marine power boilers	1077-01		216.9	216.9	216.9	-1.9	0.0
Parts and attachments for steel power boilers exc. nuclear applications (sold separately)	1077-0105	06/11	106.9	106.9	106.9	-0.8	0.0
Prefabricated metal buildings	1079		293.8	307.3	308.5	2.4	0.4
Prefabricated metal building systems (excl. farm service bldgs, residential bldgs, and parts)	1079-01		286.0	302.1	305.3	3.1	1.1
Prefabricated metal building systems (excl. farm service bldgs, residential bldgs, and parts)	1079-0101	12/97	207.8	219.5	221.8	3.2	1.0
Non-industrial prefabricated metal building systems (excl. farm svc., residential, and parts)	1079-01011	12/07	–	134.2	136.9	–	2.0
Industrial & commercial prefab metal building systems (excl farm svc bldgs, residential, parts)	1079-01012	12/07	138.5	146.1	147.3	2.3	0.8
Panels, parts, and sections for prefabricated buildings, steel and aluminum	1079-03		246.7	–	248.9	0.2	–
Panels, parts, and sections for prefabricated buildings, steel and aluminum	1079-0354		246.7	–	248.9	0.2	–
Miscellaneous metal products	108		166.4	165.3	165.8	-1.7	0.3
Bolts, nuts, screws, rivets, and washers	1081		191.6	191.1	191.1	0.7	0.0
Externally threaded fasteners, except aircraft types	1081-02	06/82	171.2	170.0	170.0	-0.7	0.0
Hex bolts, including heavy, tap-and-joint	1081-0206	06/82	150.8	149.2	149.3	-3.8	0.1
Cap, set, machine, lag, flange, and self-locking screws, except aircraft types	1081-0231		195.7	192.1	192.1	-1.1	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Tapping screws and wood screws, except aircraft types	1081-0236		176.2	176.2	176.2	8.2	0.0
Other metal bolts, incl. square, round, plow, high-strength structural, and bent	1081-0262	12/99	193.1	193.1	193.1	-0.2	0.0
Other externally threaded metal fasteners, including studs, except aircraft types	1081-0263	12/99	107.2	107.2	107.2	-2.5	0.0
Internally threaded fasteners, except aircraft types	1081-03	06/82	126.5	126.6	126.6	-0.5	0.0
Internally threaded fasteners, except aircraft types	1081-0312	06/82	126.5	126.6	126.6	-0.5	0.0
Nonthreaded metal fasteners, except aircraft types	1081-04	06/82	183.9	183.5	183.6	2.2	0.1
Nonthreaded metal fasteners, except aircraft types	1081-0424	06/82	183.9	183.5	183.6	2.2	0.1
Aircraft fasteners, except plastics (including aerospace)	1081-05	06/82	275.1	275.1	275.1	0.2	0.0
Aircraft fasteners, except plastics (including aerospace)	1081-0536	06/82	275.1	275.1	275.1	0.2	0.0
Lighting fixtures	1083		169.1	168.9	169.1	0.5	0.1
Residential electric lighting fixtures, except portable	1083-02		190.3	190.3	191.0	1.1	0.4
Residential electric lighting fixtures, except portable	1083-0225	06/98	131.9	132.0	132.4	1.1	0.3
Commercial, institutional and industrial electric lighting fixtures	1083-03		176.7	176.3	176.3	-0.3	0.0
Commercial and institutional electric lighting fixtures, including parts and accessories	1083-0302	12/04	119.7	119.5	119.4	-0.7	-0.1
Industrial electric lighting fixtures,including parts and accessories	1083-0304	12/04	131.8	131.2	131.7	1.3	0.4
Other lighting equipment	1083-05		165.3	165.2	165.5	1.1	0.2
Outdoor lighting equipment (including parts and accessories)	1083-0522	06/85	162.3	162.3	162.7	1.8	0.2
All other miscellaneous electric and nonelectric lighting equipment, incl parts and accessories	1083-0524	06/85	111.0	110.7	110.7	0.0	0.0
Ammunition, except for small arms	1085	12/85	193.9	199.1	199.2	3.0	0.1
Ammunition, except for small arms	1085-01	12/85	193.9	199.1	199.2	3.0	0.1
Ammunition, except for small arms	1085-0101	12/85	193.9	199.1	199.2	3.0	0.1
Ordnance and ordnance accessories, n.e.c.	1086	12/85	188.6	191.9	191.9	-3.3	0.0
Ordnance and ordnance accessories, n.e.c.	1086-01	12/85	188.6	191.9	191.9	-3.3	0.0
Ordnance and ordnance accessories, n.e.c.	1086-0101	12/85	188.6	191.9	191.9	-3.3	0.0
Fabricated ferrous wire products	1088	06/82	219.8	218.7	219.1	-1.4	0.2
Ferrous wire rope, cable, forms and strand	1088-01	06/82	192.7	192.7	192.7	-0.7	0.0
Ferrous wire rope, cable, forms and strand	1088-0101	06/82	192.7	192.7	192.7	-0.7	0.0
Ferrous wire cloth, other woven wire products	1088-07	06/82	169.2	165.7	163.7	-5.7	-1.2
Ferrous wire cloth, other woven wire products	1088-0701	06/82	169.2	165.7	163.7	-5.7	-1.2
Other fabricated ferrous wire products	1088-09	06/82	219.8	218.7	219.4	-0.6	0.3
Steel fencing and fence gates	1088-0993	06/09	102.6	102.6	102.7	-0.2	0.1
Other fabricated ferrous wire products, n.e.c.	1088-0996	12/11	100.8	100.2	100.6	-0.7	0.4
Steel nails, staples, tacks, spikes and brads	1088-12	06/09	148.3	147.5	147.5	-5.8	0.0
Steel nails, staples, tacks, spikes and brads	1088-1201	06/09	148.3	147.5	147.5	-5.8	0.0
Other miscellaneous metal products	1089		156.9	155.4	156.0	-2.3	0.4
Wire springs	1089-04		184.2	184.7	184.6	-0.6	-0.1
Precision mechanical wire springs	1089-0424		184.3	184.4	184.2	-1.6	-0.1
Precision mechanical extension- and torsion-type wire springs	1089-04241	12/09	101.9	102.2	102.2	-1.8	0.0
Precision mechanical compression-type springs	1089-04242	12/09	107.4	107.3	107.1	-1.5	-0.2
Other light gauge wire springs	1089-0425	12/82	178.9	–	–	–	–
Other metal products	1089-05		148.5	146.6	147.4	-3.1	0.5
Automotive job stampings	1089-0507		116.1	112.3	113.2	-3.8	0.8
Precision turned products, automotive	1089-0521	12/83	144.9	144.8	144.8	-2.2	0.0
Precision turned products, except automotive	1089-0522	12/83	186.8	186.4	185.8	-0.7	-0.3
Nonferrous woven wire, made from purchased wire	1089-0552	12/04	178.0	175.4	179.3	0.3	2.2
Metal powders, paste, and flake	1089-0564	06/85	169.5	172.3	173.7	-7.7	0.8
Powder metallurgy parts, except bearings, gears, etc.	1089-0571	12/91	122.8	122.6	122.8	-0.3	0.2
Other fabricated metal products	1089-0589	06/85	171.8	171.4	172.4	-2.4	0.6
Metal stampings n.e.c.	1089-07	06/84	183.1	183.1	183.9	1.3	0.4
Metal job stampings, except automotive	1089-0701		200.4	201.1	202.0	0.1	0.4
Recreational vehicle metal job stamping	1089-07011	12/10	93.4	94.9	94.5	0.9	-0.4
Other metal job stampings	1089-07013	12/10	101.9	102.0	103.0	0.1	1.0
Computer and office machine metal job stampings	1089-07014	12/10	101.5	101.5	101.5	0.0	0.0
Electrical appliance metal job stamping	1089-07015	12/10	105.5	105.5	105.5	0.1	0.0
Metal spinning products, excluding cooking and kitchen utensils	1089-0703	12/10	96.7	96.7	96.7	-5.7	0.0
Stamped and pressed metal end products, including vitreous enameled products	1089-0706	12/10	115.5	114.4	114.9	6.3	0.4
Metal foil and leaf	1089-08	12/84	128.7	128.6	128.2	-1.1	-0.3
Flexible packaging foil	1089-0811	12/84	120.9	120.6	120.3	-1.6	-0.2
Heavy gauge springs	1089-09	06/04	151.2	151.3	151.3	-0.6	0.0
Hot formed steel springs, except wire	1089-0912	06/04	167.2	167.4	167.4	-0.9	0.0
Cold formed steel springs, except wire	1089-0913	06/04	133.6	133.7	133.7	0.1	0.0
Machinery and equipment	11		136.8	136.9	137.0	0.0	0.1
Agricultural machinery and equipment	111		223.7	223.6	223.6	0.9	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Agricultural machinery and equipment	1114	12/02	140.0	140.0	140.0	0.9	0.0
Commercial turf and grounds care equipment, including parts and attachments	1114-01	12/02	128.4	128.9	128.7	0.4	-0.2
Commercial turf and grounds care equipment, including parts and attachments	1114-0111	12/02	128.4	128.9	128.7	0.4	-0.2
Farm plows, harrows, rollers, pulverizers, etc., and attachments	1114-02	12/02	175.6	175.6	175.6	0.7	0.0
Farm plows, harrows, rollers, pulverizers, etc., and attachments	1114-0211	12/02	175.6	175.6	175.6	0.7	0.0
Farm-type (power take-off hp) wheel tractors (2/4-wheel drive)(with or without attachments)	1114-03	12/02	131.4	131.4	131.5	1.0	0.1
Farm-type (power take-off hp) wheel tractors (2/4-wheel drive)(with or without attachments)	1114-0311	12/02	131.4	131.4	131.5	1.0	0.1
Farm dairy equipment, sprayers and dusters, farm blowers, and attachments	1114-04	12/02	146.1	146.1	142.7	1.3	-2.3
Farm dairy equipment, sprayers and dusters, farm blowers, and attachments	1114-0411	12/02	146.1	146.1	142.7	1.3	-2.3
Planting, seeding, and fertilizing machinery and attachments	1114-05	12/02	145.0	145.2	145.3	1.0	0.1
Planting, seeding, and fertilizing machinery and attachments	1114-0511	12/02	145.0	145.2	145.3	1.0	0.1
Harvesting machinery (except hay and straw) and attachments	1114-06	12/82	228.5	228.3	228.3	2.1	0.0
Harvesting machinery (except hay and straw) and attachments	1114-0611	12/82	228.5	228.3	228.3	2.1	0.0
Haying machinery and attachments	1114-07	12/82	220.7	220.7	220.7	0.2	0.0
Haying machinery and attachments	1114-0711	12/82	220.7	220.7	220.7	0.2	0.0
All other farm machinery and equipment, excluding parts, including attachments	1114-08	12/02	162.8	162.8	163.7	1.1	0.6
All other farm machinery and equipment, excluding parts, including attachments	1114-0811	12/02	162.8	162.8	163.7	1.1	0.6
Parts for farm machinery, for sale separately	1114-09	12/02	125.8	124.7	125.7	-1.2	0.8
Parts for farm machinery, for sale separately	1114-0911	12/02	125.8	124.7	125.7	-1.2	0.8
Construction machinery and equipment	112		218.7	219.1	219.1	0.9	0.0
Tractors and attachments, ex. parts	112A	12/99	142.0	143.0	142.8	1.2	-0.1
Construction machinery for mounting (excluding parts, winches, snow clearing attachments)	112A-03	12/99	133.7	133.8	133.8	0.1	0.0
Construction machinery for mounting (excluding parts, winches, snow clearing attachments)	112A-0302	12/99	133.7	133.8	133.8	0.1	0.0
Tractor shovel loaders (skid steer, wheel, crawler, and integral design backhoes)	112A-04		208.4	208.4	208.4	1.6	0.0
Tractor shovel loaders (skid steer, wheel, crawler, and integral design backhoes)	112A-0406	06/86	198.8	198.8	198.8	1.6	0.0
Construction wheel and crawler tractors, dozers, self-propelled log skidders, etc.	112A-05	12/03	134.6	137.1	136.5	1.0	-0.4
Construction wheel and crawler tractors, dozers, self-propelled log skidders, etc.	112A-0501	12/03	134.6	137.1	136.5	1.0	-0.4
Power cranes, draglines, & shovels (excavators) (incl. surface mining equipment) (excl. parts)	112B	12/99	141.4	141.4	141.4	0.2	0.0
Power cranes, draglines, & shovels (excavators) (incl. surface mining equipment) (excl. parts)	112B-05	12/99	141.4	141.4	141.4	0.2	0.0
Power cranes, draglines, & shovels (excavators) (incl. surface mining equipment) (excl. parts)	112B-0504	12/99	141.4	141.4	141.4	0.2	0.0
Mixers, pavers, and related equipment (excluding parts)	112C		193.1	193.1	195.2	2.7	1.1
Mixers, pavers, and related equipment (excluding parts)	112C-01		193.1	193.1	195.2	2.7	1.1
Mixers, pavers, and related equipment (excluding parts)	112C-0109	12/99	138.7	138.7	140.1	2.6	1.0
Off-highway, equipment, ex. parts	112D	12/99	159.3	159.0	159.1	1.2	0.1
Off-highway trucks, haulers, truck-type tractor chassis, trailers, etc. (excluding parts)	112D-02	12/03	148.6	147.8	147.9	-1.3	0.1
Off-highway trucks, haulers, truck-type tractor chassis, trailers, etc. (excluding parts)	112D-0201	12/03	148.6	147.8	147.9	-1.3	0.1
Graders, rollers & compactors, rough-terrain forklifts, scrapers, trenchers, etc. (excl. parts)	112D-03	12/03	154.6	154.6	154.8	3.0	0.1
Graders, rollers & compactors, rough-terrain forklifts, scrapers, trenchers, etc. (excl. parts)	112D-0301	12/03	154.6	154.6	154.8	3.0	0.1
Misc. construction machinery and equipment	112J	12/05	133.1	133.3	133.3	1.1	0.0
Winches, aerial work platforms, and automotive wrecker hoists	112J-01	12/05	131.0	131.2	131.2	0.8	0.0
Winches, aerial work platforms, and automotive wrecker hoists	112J-0101	12/03	165.0	165.2	165.2	0.8	0.0
Winches, all types (excluding parts)	112J-010175	12/13	103.3	103.3	103.3	0.0	0.0
Other construction machinery and equipment (excluding parts)	112J-03	12/03	152.7	152.7	152.7	1.4	0.0
Other construction machinery and equipment (excluding parts)	112J-0301	12/03	152.7	152.7	152.7	1.4	0.0
Parts for construction machinery and equipment, sold separately	112K	12/99	140.0	140.2	140.0	-0.1	-0.1
Parts for construction machinery and equipment, sold separately	112K-01	12/99	140.0	140.2	140.0	-0.1	-0.1
Parts for cranes, draglines, and shovels (including surface mining equipment) (sold separately)	112K-0101	12/11	109.1	109.5	109.5	0.6	0.0
Parts for off-highway wheel tractors and shovel loaders (sold separately)	112K-0102	12/11	100.1	100.1	99.8	-1.5	-0.3
Parts for other construction machinery (sold separately)	112K-0103	12/11	101.8	101.8	101.7	-0.2	-0.1
Metalworking machinery and equipment	113		187.6	188.6	187.9	0.5	-0.4
Power-driven handtools, including parts and attachments	1132		171.0	171.1	171.1	2.1	0.0
Power-driven handtools, including parts and attachments	1132-11	12/04	116.5	116.6	116.6	2.2	0.0
Power-driven handtools, including parts and attachments	1132-1101	12/04	116.5	116.6	116.6	2.2	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Power-driven handtools, pneumatic, hydraulic, and power-actuated	1132-11011	06/11	114.8	114.8	114.8	2.4	0.0
Power-driven handtools, electric (except battery powered), including parts	1132-11014	06/11	110.6	110.7	110.7	2.7	0.0
Welding machines and equipment	1133		280.4	282.0	282.3	1.1	0.1
Arc welding machines, components, and accessories, excluding electrodes	1133-01		253.9	256.5	256.7	1.1	0.1
Arc welding machines, components, and accessories, excluding electrodes	1133-0175	12/97	166.8	168.5	168.6	1.1	0.1
Resistance welders, components, accessories, and electrodes	1133-02		236.8	238.1	238.1	0.2	0.0
Resistance welders, components, accessories, and electrodes	1133-0276	12/84	219.4	220.7	220.7	0.2	0.0
Arc welding electrodes, metal	1133-03		411.8	–	–	–	–
Arc welding electrodes, metal	1133-0378	12/84	391.9	–	–	–	–
Gas welding and cutting equipment, parts, attachments, and accessories	1133-04		216.2	219.2	219.2	1.9	0.0
Gas welding and cutting equipment, parts, attachments, and accessories	1133-0461	06/83	212.6	215.6	215.6	1.9	0.0
Other welding equipment, components, and accessories (excluding arc, resistance, and gas)	1133-06	12/00	123.3	123.3	123.3	1.2	0.0
Other welding equipment, components, and accessories (excluding arc, resistance, and gas)	1133-0629	12/00	123.3	123.3	123.3	1.2	0.0
Industrial process furnaces and ovens	1134		203.1	203.2	202.9	0.9	-0.1
Industrial process furnaces and ovens, except parts and attachments	1134-07	12/04	126.7	126.8	126.9	2.1	0.1
Industrial process furnaces and ovens, except parts and attachments	1134-0711	12/04	126.7	126.8	126.9	2.1	0.1
Parts and attachments for industrial process furnaces and ovens	1134-09	06/11	104.6	104.6	103.4	-3.6	-1.1
Parts and attachments for industrial process furnaces and ovens	1134-0901	06/11	104.6	104.6	103.4	-3.6	-1.1
Cutting tools and accessories	1135		187.3	187.6	187.6	0.2	0.0
Small cutting tools	1135-01		179.1	179.6	179.5	-0.2	-0.1
End mills and milling cutters	1135-0144	12/11	104.9	105.0	105.0	0.2	0.0
Threading tools, including blanks, tips and inserts	1135-0145	12/11	101.5	101.5	101.5	-2.2	0.0
Carbon and high-speed steel, shank, solid, tipped carbide twist drills	1135-0146	12/11	104.7	104.8	104.8	–	0.0
Taps, carbide indexible, and throwaway inserts for machine tools	1135-0147	12/11	108.2	108.2	108.2	0.1	0.0
Other cutting tools for machine tools, excluding tips and blanks	1135-0149	12/11	103.6	104.4	104.3	0.3	-0.1
Precision measuring tools	1135-02		197.8	198.7	198.7	1.0	0.0
Precision measuring tools	1135-0243	06/83	191.4	192.3	192.3	1.0	0.0
Other machine tool attachments and accessories	1135-05	06/83	194.4	193.4	193.9	0.5	0.3
Other machine tool attachments and accessories	1135-0501	06/83	194.4	193.4	193.9	0.5	0.3
Abrasive products	1136		198.1	199.5	199.2	2.3	-0.2
Nonmetallic sized grains, powders, and flour abrasives	1136-01		133.3	134.0	134.0	0.5	0.0
Nonmetallic sized grains, powders, and flour abrasives	1136-0105	06/87	171.6	172.5	172.5	0.5	0.0
Nonmetallic abrasive products (including diamond abrasives)	1136-03		186.3	186.7	186.7	0.6	0.0
Nonmetallic abrasive products (including diamond abrasives)	1136-0311	06/87	170.6	171.0	171.0	0.7	0.0
Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps	1136-05		247.6	246.8	246.8	2.1	0.0
Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps	1136-0505		183.3	182.7	182.7	2.1	0.0
Metal abrasives including steel and iron grit, shot, and sand, and other metal abrasives	1136-32	12/11	108.2	118.8	116.5	15.8	-1.9
Metal abrasives including steel and iron grit, shot, and sand, and other metal abrasives	1136-3206	12/11	108.2	118.8	116.5	15.8	-1.9
Metal cutting machine tools	1137		199.3	200.1	198.8	0.2	-0.6
Metal grinding, polishing, buffing, honing, and lapping machines	1137-13		280.8	281.2	281.2	3.3	0.0
Metal grinding, polishing, buffing, honing, and lapping machines	1137-1361	06/83	278.4	278.8	278.8	3.3	0.0
Other metal-cutting machine tools	1137-20	12/09	112.7	113.1	111.6	-0.9	-1.3
Other metal-cutting machine tools	1137-2041	12/09	112.7	113.1	111.6	-0.9	-1.3
Metal machining centers	1137-21	12/09	113.6	114.5	114.5	0.8	0.0
Metal machining centers	1137-2121	12/09	113.6	114.5	114.5	0.8	0.0
Rebuilt metal-cutting machine tools and parts for metal-cutting machine tools	1137-53	12/02	126.3	126.3	126.3	0.0	0.0
Rebuilt metal-cutting machine tools and parts for metal-cutting machine tools	1137-5311	12/02	126.3	126.3	126.3	0.0	0.0
Metal forming machine tools	1138		221.9	222.1	222.0	0.1	0.0
Metal-forming machine tools (except rebuilt and parts)	1138-26	12/09	111.7	111.8	111.8	0.1	0.0
Metal punching and shearing (power & manual), and bending and forming machines (power only)	1138-2611		192.1	192.5	192.2	-0.1	-0.2
Metalworking presses (except forging and die-stamping presses)	1138-2631		241.1	241.1	241.1	0.7	0.0
Other metal-forming machine tools (except presses)	1138-2651		250.0	250.0	250.0	0.0	0.0
Rebuilt metal-forming machine tools and parts for metal-forming machine tools	1138-52	12/02	125.6	125.6	125.6	0.1	0.0
Rebuilt metal-forming machine tools and parts for metal-forming machine tools	1138-5205	12/02	125.6	125.6	125.6	0.1	0.0
Tools, dies, jigs, fixtures & ind. molds	1139		149.9	151.2	149.8	-0.6	-0.9
Special tools, dies, jigs, and fixtures	1139-01		163.9	163.5	163.6	-0.7	0.1
Special tools, dies, jigs, and fixtures	1139-0135	12/03	107.6	107.3	107.3	-0.7	0.0
Jigs and fixtures, including parts	1139-01351	06/10	109.8	109.8	109.8	0.5	0.0
Metalworking dies and die sets	1139-01353	06/10	100.8	100.4	100.4	-1.4	0.0
Standard punches, industrial prototypes, die parts & other special tooling for dies	1139-01357	06/10	103.5	103.1	103.2	-1.1	0.1

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Industrial molds and mold boxes	1139-03		130.8	134.1	130.9	-0.4	-2.4
Industrial injection-type molds made of metal for plastics	1139-0312	12/09	110.6	110.6	110.5	0.1	-0.1
Other industrial molds and mold boxes	1139-0331	12/09	98.9	104.0	99.0	-0.9	-4.8
Metalworking machinery n. e. c.	113A	06/83	209.6	211.4	212.0	1.6	0.3
Metalworking assembly machines	113A-01	06/83	185.0	186.2	186.2	0.9	0.0
Metalworking assembly machines	113A-0101	06/83	185.0	186.2	186.2	0.9	0.0
Other metalworking machinery	113A-02	06/83	247.7	250.6	252.9	3.0	0.9
Other metalworking machinery	113A-0201	06/83	247.7	250.6	252.9	3.0	0.9
Rolling mill machinery	113B	12/87	220.5	220.7	220.6	-0.3	0.0
Rolling mill machinery	113B-01	12/87	220.5	220.7	220.6	-0.3	0.0
Rolling mill machinery	113B-0101	12/87	220.5	220.7	220.6	-0.3	0.0
General purpose machinery and equipment	114		228.1	228.0	228.2	0.9	0.1
Pumps, compressors, and equipment	1141		247.2	247.3	247.2	0.9	0.0
Industrial pumps, except hydraulic fluid power pumps	1141-02		244.3	244.3	244.2	1.5	0.0
Industrial pumps, except hydraulic fluid power pumps	1141-0212	12/97	155.9	155.9	155.8	1.5	-0.1
Parts & attachments for air & gas compressors & vacuum pumps	1141-07	06/84	257.9	258.1	258.1	3.1	0.0
Parts & attachments for air & gas compressors & vacuum pumps	1141-0701	06/84	257.9	258.1	258.1	3.1	0.0
Industrial spraying equipment	1141-08	06/84	181.3	181.3	181.3	2.8	0.0
Industrial spraying equipment	1141-0801	06/84	181.3	181.3	181.3	2.8	0.0
Measuring and dispensing pumps	1141-09	06/84	216.2	216.0	216.0	1.2	0.0
Measuring and dispensing pumps	1141-0906	12/03	147.6	147.4	147.4	1.1	0.0
Other pumps, including parts	1141-12	12/83	287.7	287.7	287.7	1.1	0.0
Parts and attachments for pumps	1141-1211	12/83	326.2	326.2	326.2	2.2	0.0
All other pumps, including domestic sump, oil well, and oil field pumps	1141-1215	12/97	160.5	160.5	160.5	0.6	0.0
Domestic sump pumps	1141-12151	12/09	122.4	–	122.4	2.6	–
Oil-well and oil-field pumps	1141-12153	12/09	111.6	111.6	111.6	0.0	0.0
Other pumps, except automotive circulating pumps, and measuring & dispensing pumps	1141-12155	12/09	121.1	121.1	121.1	1.3	0.0
Domestic water systems	1141-13	12/03	158.6	159.8	159.6	2.7	-0.1
Domestic water systems	1141-1311	12/03	158.6	159.8	159.6	2.7	-0.1
Air and gas compressors and vacuum pumps	1141-15	06/05	144.7	144.7	144.7	-0.4	0.0
Air and gas compressors and vacuum pumps	1141-1501	06/05	144.7	144.7	144.7	-0.4	0.0
Air & gas compressors, except compressors for ice making, refrigeration, or a/c equipment	1141-15011	12/11	111.1	111.0	111.0	-0.6	0.0
Vacuum pumps, except laboratory	1141-15012	12/11	107.0	107.4	107.4	0.5	0.0
Elevators, escalators, and other lifts	1142		146.9	146.9	146.9	1.0	0.0
Elevators and moving stairways	1142-01		140.0	140.0	140.0	1.1	0.0
Elevators and moving stairways	1142-0112	12/03	122.3	122.3	122.3	1.1	0.0
Parts and attachments for elevators and moving stairs (sold separately)	1142-02		179.1	179.8	179.5	0.2	-0.2
Parts and attachments for elevators and moving stairs (sold separately)	1142-0221		179.1	179.8	179.5	0.2	-0.2
Fluid power equipment	1143		248.0	248.1	248.1	1.1	0.0
Fluid power pumps and parts	1143-01		233.0	233.4	233.1	0.3	-0.1
Nonaerospace-type reciprocating fluid power pumps	1143-0112	12/11	110.3	110.6	110.3	0.5	-0.3
Nonaerospace-type rotary and other fluid power pumps	1143-0113	12/14	94.8	95.1	95.0	-1.0	-0.1
Nonaerospace-type fluid power motors	1143-0115	12/11	112.9	113.2	113.3	1.9	0.1
Parts for fluid power pumps, motors, and hydrostatic transmissions	1143-0119	12/11	103.8	103.5	103.4	0.6	-0.1
Fluid power valves	1143-02		276.1	276.2	276.1	3.7	0.0
Fluid power valves	1143-0201	12/82	269.4	269.5	269.3	3.7	-0.1
Non-aerospace type hydraulic directional control valves	1143-02013	12/07	132.4	132.7	132.3	1.1	-0.3
Non-aerospace type hydraulic valves, except directional control	1143-02014	12/07	122.2	122.2	122.2	0.1	0.0
Non-aerospace type pneumatic directional control valves	1143-02015	12/07	126.2	126.2	126.2	3.4	0.0
Non-aerospace type pneumatic valves, except directional control	1143-02016	12/07	126.4	126.4	126.4	0.7	0.0
Aerospace type fluid power valves	1143-0201A	06/09	126.4	126.4	126.4	7.0	0.0
Fluid power cylinders, actuators, accumulators, cushions, & parts	1143-03		218.0	218.1	218.2	-0.3	0.0
Non-aerospace hydraulic & all aerospace-type fluid power cylinders	1143-0312	06/98	150.3	150.3	150.4	-0.3	0.1
Parts for hydraulic & pneumatic cylinders and actuators	1143-0315	06/98	162.0	162.1	162.1	0.1	0.0
Fluid power hose and tube fittings	1143-04		276.5	276.4	276.3	0.6	0.0
Fluid power hose and tube fittings	1143-0406		276.5	276.4	276.3	0.6	0.0
Parts for fluid power valves	1143-05	06/91	173.5	173.9	173.8	2.1	-0.1
Parts for fluid power valves	1143-0501	06/91	173.5	173.9	173.8	2.1	-0.1
Industrial material handling equipment	1144		208.7	209.1	209.1	0.7	0.0
Conveying equipment	1144-02		203.0	203.1	203.2	0.2	0.0
Unit handling conveyors and conveying systems	1144-0212	06/84	180.7	180.9	180.9	0.2	0.0
Unit handling gravity and trolley conveyors and conveying systems	1144-02122	06/09	112.7	113.3	113.1	0.6	-0.2
All other unit handling conveyors, including tow, belt, roller, pneumatic, portable, etc.	1144-02124	06/09	111.5	111.5	111.5	0.1	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Parts and accessories for unit handling conveyors & conveying systems, sold separately	1144-0214	06/84	237.4	237.4	237.4	-0.3	0.0
Bulk material handling conveyors & conveying systems	1144-0216	06/84	188.8	188.9	188.8	0.5	-0.1
Parts and accessories for bulk material handling conveyors and conveying systems	1144-0218	06/84	314.6	314.5	316.0	-0.4	0.5
Industrial trucks, trailers, and stackers	1144-03		203.6	204.3	204.3	1.0	0.0
Industrial trucks, tractors, mobile straddle carriers & cranes, & automatic stacking machines	1144-035	12/11	113.1	113.7	113.6	1.2	-0.1
Work trucks with lifting & handling equipment, riding, electric, self-propelled	1144-0353	06/02	155.9	155.9	155.9	1.2	0.0
Work trucks with lifting & handling equipment, non-riding electric or any non-electric	1144-0356	06/02	151.0	152.6	152.5	2.6	-0.1
Work trucks not fitted with lifting & handling equipment, electric or non-electric	1144-0357	06/02	145.4	–	146.5	0.8	–
Bulk powered material moving equipment, dock boards, and metal pallets and skids	1144-0358	06/02	141.1	140.8	140.8	-0.2	0.0
Parts and attachments for industrial trucks and tractors	1144-0378	12/86	259.8	259.2	259.1	0.3	0.0
Hoists, overhead cranes, and monorail systems	1144-04		239.9	240.1	240.1	1.6	0.0
Overhead traveling cranes and monorail systems	1144-0485	12/84	217.5	217.8	217.8	1.6	0.0
Mechanical power transmission equipment	1145		259.4	259.3	259.5	-0.1	0.1
Speed changers, drives, gears	1145-01		261.1	261.0	261.5	0.0	0.2
Loose gear, pinions and racks	1145-0108	12/83	186.8	186.5	187.6	0.2	0.6
Speed changers and industrial high speed drives & parts other than loose gearing	1145-0117	12/03	154.3	154.3	154.4	0.0	0.1
Other power transmission equipment	1145-02	12/84	243.0	242.9	242.9	-0.2	0.0
Plain bearings and bushings	1145-0201	12/84	162.6	162.6	162.6	-1.5	0.0
Mechanical power transmission equipment, excl. speed changers, drives, & gears	1145-0212	12/03	159.2	159.1	159.1	0.1	0.0
Scales and balances	1146		159.5	159.5	159.5	2.4	0.0
Vehicle and industrial scales	1146-11	12/91	139.3	139.3	139.3	0.6	0.0
Vehicle and industrial scales	1146-1101	06/03	121.2	121.2	121.2	0.7	0.0
Motor truck and railroad track scales	1146-11011	12/10	102.7	102.7	102.7	0.0	0.0
Miscellaneous non-vehicle scales (crane, susp., tank, hopper, measuring dev, lab, bulk convyr)	1146-11013	12/10	102.9	102.9	102.9	0.0	0.0
Retail, commercial, household, and mailing scales	1146-12	12/91	151.5	151.5	151.5	4.4	0.0
Retail, commercial, household, and mailing scales	1146-1201	06/03	139.0	139.0	139.0	4.4	0.0
Parts, attachments, and accessories for scales	1146-13	12/91	165.0	165.0	165.0	4.1	0.0
Parts, attachments, and accessories for scales	1146-1301	06/03	161.2	161.2	161.2	4.1	0.0
Air purification equipment and industrial and commercial fans and blowers	1147		218.5	217.9	218.7	0.5	0.4
Fan, blower, air purification equipment	1147-01		218.5	217.9	218.7	0.5	0.4
Dust collection and other air purification equipment for cleaning incoming air	1147-0143	12/83	177.1	177.5	177.8	0.6	0.2
Air filters for air-conditioners and furnaces, etc., of 2400 CFM or less, except parts	1147-01431	06/09	109.6	109.7	110.0	–	0.3
Other dust collection and air purification equipment, except parts	1147-01432	06/09	108.5	109.3	109.3	–	0.0
Parts for dust collection and air purification equipment	1147-01433	06/09	110.0	110.0	110.0	–	0.0
Dust collection and other air purification equipment for industrial gas cleaning systems	1147-0144	12/83	193.1	193.1	193.1	1.5	0.0
Industrial and commercial fans and blowers	1147-0145	12/03	156.5	155.4	156.4	0.1	0.6
Centrifugal blower filter units, and classes I-IV centrifugal fans, except parts	1147-01452	06/09	137.4	135.5	137.4	0.1	1.4
Other centrifugal fans and blowers, except parts	1147-01453	06/09	120.6	117.9	118.7	-1.0	0.7
Axial fans and industrial propeller fans, except parts	1147-01457	06/09	113.7	113.5	114.1	0.2	0.5
Power roof ventilators, except parts	1147-01458	06/09	111.6	113.8	113.8	2.1	0.0
Parts and accessories for fans and blowers	1147-01459	06/09	109.8	109.9	110.3	0.0	0.4
Air conditioning and refrigeration equip	1148		181.4	180.2	181.1	1.0	0.5
Unitary air-conditioners, except air source heat pumps	1148-02		167.0	162.5	160.6	-1.0	-1.2
Unitary air-conditioners, except air source heat pumps	1148-0222	06/97	136.1	132.5	130.9	-1.1	-1.2
Commercial refrigeration equipment	1148-03		232.5	232.5	232.5	0.5	0.0
Commercial refrigeration equipment	1148-0331	06/97	150.7	150.7	150.7	0.5	0.0
Refrigeration condensing units	1148-05		218.2	–	221.3	3.4	–
Refrigeration condensing units	1148-0511	12/82	215.6	–	218.7	3.5	–
All other miscellaneous refrigeration and air-conditioning equipment	1148-06		208.2	208.2	208.2	-0.6	0.0
All other miscellaneous refrigeration and air-conditioning equipment	1148-0631	06/97	144.2	144.2	144.2	-0.6	0.0
Heat transfer equipment, including heat pumps	1148-07	12/11	110.3	110.0	111.2	1.9	1.1
Heat transfer equipment, except dehumidifiers	1148-0732	12/03	152.4	148.3	152.3	1.3	2.7
Heat pumps	1148-0734	12/09	111.7	116.7	114.4	3.1	-2.0
Refrigerant compressors, except automotive	1148-08	12/03	134.6	134.6	141.0	3.8	4.8
Refrigerant compressors, except automotive	1148-0812	12/03	134.6	134.6	141.0	3.8	4.8
Parts and accessories for air conditioning and heat transfer equipment	1148-09	12/89	170.7	173.5	171.9	1.9	-0.9
Parts and accessories for air conditioning and heat transfer equipment	1148-0901	12/89	170.7	173.5	171.9	1.9	-0.9
Miscellaneous general purpose equipment	1149		266.8	267.1	267.1	1.0	0.0
Metal valves, except fluid power	1149-02	12/82	307.0	308.4	308.1	2.1	-0.1

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Gates, globes, angles, and checks	1149-0201	12/82	337.7	337.5	337.0	0.9	-0.1
Gates, globes, angles, straightway (Y-type) checks, stop & check, 3- & 4-way, etc.	1149-02011	06/09	118.3	118.3	118.1	1.8	-0.2
Industrial valves for water works and municipal equipment	1149-02012	06/09	114.6	114.5	114.2	-0.3	-0.3
Industrial ball valves, incl. manual and power operated	1149-0202	12/82	387.1	393.4	393.0	5.5	-0.1
Industrial butterfly valves, incl. manual and power operated	1149-0203	12/82	209.1	209.1	209.1	0.8	0.0
Industrial plug valves	1149-0204	12/82	221.6	221.6	221.6	0.7	0.0
Plumbing and heating valves (low pressure)	1149-0205	12/82	296.9	296.9	296.9	1.4	0.0
Solenoid valves	1149-0208	12/82	320.2	323.3	323.2	2.2	0.0
Other industrial valves, including nuclear	1149-0209	12/82	285.6	287.1	286.9	1.2	-0.1
Automatic regulating and control valves	1149-0211	12/98	173.4	173.9	173.9	2.2	0.0
Metal pipe fittings, flanges, and unions	1149-03	12/82	287.6	288.0	287.5	-2.5	-0.2
Metal pipe fittings, flanges, and unions	1149-0301	12/82	287.6	288.0	287.5	-2.5	-0.2
Ball and roller bearings	1149-05		255.0	254.9	254.9	-0.3	0.0
Ball bearings, complete, unmounted	1149-0531	12/03	141.0	140.9	140.9	-0.3	0.0
Mounted bearings, except plain	1149-0534	06/83	319.7	319.7	319.7	1.9	0.0
Parts and components for ball and roller bearings, incl. balls and rollers	1149-0535	06/83	176.5	175.7	175.7	-0.7	0.0
Tapered roller bearings (including cups & cones), unmounted	1149-0537	06/83	259.9	259.9	259.9	-1.0	0.0
Other roller bearings, unmounted	1149-0538	06/83	289.8	289.8	289.8	0.5	0.0
Filters and strainers	1149-08	12/84	245.5	245.5	245.3	3.5	-0.1
Filters and strainers, except fluid power	1149-0805	12/03	150.0	150.0	149.9	3.8	-0.1
Industrial filters and strainers and reusable media, except fluid power	1149-08051	12/11	112.2	112.2	112.2	5.4	0.0
Other miscellaneous general purpose equipment	1149-11	12/84	207.1	206.4	207.2	0.7	0.4
General industrial machinery equipment, n.e.c.	1149-1102	06/07	122.3	121.8	122.7	0.7	0.7
Electronic computers and computer equipment	115	12/98	27.8	28.0	28.0	-3.4	0.0
Electronic computers	1151	12/04	19.7	19.8	19.7	-3.4	-0.5
Electronic computers	1151-01	12/04	19.7	19.8	19.7	-3.4	-0.5
Personal computers and workstations (excluding portable computers)	1151-0114	06/07	27.9	28.1	28.1	-5.7	0.0
Portable computers, laptops, PDAs and other single user computers	1151-0115	06/07	20.7	20.6	20.2	-9.8	-1.9
Host computers, multiusers (mainframes, UNIX and PC servers)	1151-0116	12/04	30.4	30.5	30.5	0.3	0.0
Other computers (array, analog, hybrid, special purpose computers)	1151-0121	12/04	82.2	–	–	–	–
Computer storage devices	1152	12/04	46.2	47.5	47.5	2.4	0.0
Computer storage devices (except parts, attachments and accessories)	1152-01	12/04	45.2	46.8	46.8	3.1	0.0
Computer storage devices (except parts, attachments and accessories)	1152-0101	12/04	45.2	46.8	46.8	3.1	0.0
Computer peripheral equipment and parts	1154	12/98	80.6	81.2	81.2	-7.3	0.0
Parts, attachments & accessories for POS terminals and computer peripherals	1154-05	12/98	108.1	111.0	111.0	4.7	0.0
Parts, attachments & accessories for POS terminals and computer peripherals	1154-0501	12/98	108.1	111.0	111.0	4.7	0.0
POS terminals, funds-transfer devices & all other computer peripheral equipment	1154-06	06/99	71.4	70.8	70.7	-15.7	-0.1
POS terminals, funds-transfer devices & all other computer peripheral equipment	1154-0602	06/07	74.6	74.0	74.0	-15.6	0.0
Special industry machinery and equipment	116		200.6	201.8	202.2	1.0	0.2
Food products machinery	1161		269.9	270.9	270.8	1.8	0.0
Dairy and milk products plant machinery and equipment	1161-01		245.5	247.3	247.3	1.0	0.0
Dairy and milk products plant machinery and equipment	1161-0111	12/83	240.2	241.9	241.9	1.0	0.0
Commercial food products machinery (except packaging and cooking equipment)	1161-04		238.6	239.0	238.7	1.5	-0.1
Commercial food products machinery (except packaging and cooking equipment)	1161-0409	12/83	235.4	235.7	235.5	1.5	-0.1
Industrial food products machinery for processing foods, beverages, & animal & fowl feed	1161-05	12/83	285.1	286.8	286.7	2.3	0.0
Industrial food products machinery for processing foods, beverages, & animal & fowl feed	1161-0501	12/83	285.1	286.8	286.7	2.3	0.0
Other industrial food and feed machinery	1161-05012	12/12	111.7	112.3	112.2	1.2	-0.1
Machinery for sorting/grading/cleaning fruits/vegs/eggs etc.	1161-05013	12/12	114.0	114.5	114.5	4.9	0.0
Parts and attachments for industrial food and feed products machinery	1161-05014	12/12	105.4	106.6	106.6	3.2	0.0
Textile machinery and equipment	1162		175.6	171.4	171.4	-2.7	0.0
Textile machinery (except parts, attachments, and accessories)	1162-12	06/86	145.5	144.8	144.8	-1.0	0.0
Textile machinery (except parts, attachments, and accessories)	1162-1201	06/86	145.5	144.8	144.8	-1.0	0.0
Textile machinery parts and attachments	1162-77		204.4	192.2	192.2	-6.0	0.0
Textile machinery parts and attachments	1162-7701	06/86	183.4	172.5	172.5	-5.9	0.0
Sawmill and woodworking machinery	1163		200.8	202.2	201.3	2.0	-0.4
Sawmill and woodworking machinery	1163-06	12/04	135.0	135.9	135.3	2.0	-0.4
Sawmill and woodworking machinery, excluding parts and attachments (sold separately)	1163-0602	06/12	117.1	117.7	117.1	2.2	-0.5
Parts, attachments, & accessories for sawmill & woodworking machinery	1163-0603	06/12	104.8	106.2	106.2	1.4	0.0
Paper industries machinery	1164	06/82	220.1	220.7	220.6	2.0	0.0
Paper industries machinery	1164-01	06/82	220.1	220.7	220.6	2.0	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Paper industries machinery, excluding parts & attachments (sold separately)	1164-0114	12/03	126.6	127.0	126.9	2.6	-0.1
Parts & attachments for paper industries machinery	1164-0115	12/03	134.2	134.5	134.5	1.3	0.0
Printing trades machinery and equipment	1165		163.6	163.8	164.1	1.4	0.2
Printing presses	1165-08	06/09	104.5	104.3	104.3	1.7	0.0
Printing presses	1165-0830	06/09	104.5	104.3	104.3	1.7	0.0
Other printing machinery and equipment	1165-09	12/82	153.6	154.0	154.3	1.1	0.2
Other printing machinery and equipment, incl. pre-press preparation equipment & plates	1165-0912	06/09	95.5	95.9	96.4	-0.9	0.5
Parts, attachments, & accessories for printing trades machinery	1165-0913	06/09	106.9	107.0	107.0	0.9	0.0
Bookbinding machinery and equipment	1165-0914	12/11	114.0	114.5	114.5	–	0.0
Other special industry machinery	1166		175.0	176.9	176.9	0.6	0.0
Plastics and rubber working machinery	1166-03		215.9	216.1	216.4	0.5	0.1
Plastics working machinery and equipment, excluding patterns and molds, including parts	1166-039	09/15	100.4	100.5	100.6	–	0.1
Plasticworking machinery (excluding parts)	1166-0391	12/08	108.2	108.2	108.4	0.5	0.2
Parts for plasticworking machinery	1166-0395	12/08	105.5	106.6	106.7	0.9	0.1
Miscellaneous special industry machinery	1166-06		163.1	165.1	165.1	0.7	0.0
All other miscellaneous special industry machinery and equipment	1166-0647	06/01	124.8	126.6	126.4	0.6	-0.2
Packing, packaging, and bottling machinery and parts	1167		272.4	268.5	270.2	-0.1	0.6
Packing, packaging, and bottling machinery and parts	1167-05	06/06	133.1	131.2	132.0	-0.2	0.6
Packing, packaging, and bottling machinery	1167-0501	06/06	128.1	128.5	129.4	1.6	0.7
Parts for packing, packaging and bottling machinery	1167-0502	12/83	269.9	251.8	253.1	-5.3	0.5
Service industry machinery and parts	1168	06/82	236.5	238.6	240.2	2.0	0.7
Service industry machinery and parts	1168-01	06/82	236.5	238.6	240.2	2.0	0.7
Commercial and industrial vacuum cleaners	1168-0111	06/82	221.8	221.8	221.8	0.3	0.0
Commercial cooking and food warming equipment	1168-0118	12/03	149.1	150.1	150.1	2.3	0.0
Other service industry machinery, incl. electronic teaching mach. & auto. maintenance equipment	1168-0123	06/07	116.4	117.6	118.7	2.1	0.9
Commercial laundry and drycleaning machinery products	1169	12/82	251.8	251.8	251.8	2.5	0.0
Commercial laundry and drycleaning machinery products	1169-09	06/03	142.4	142.4	142.4	2.4	0.0
Commercial laundry and drycleaning machinery products	1169-0901	06/03	142.4	142.4	142.4	2.4	0.0
Electrical machinery and equipment	117		113.3	113.1	113.2	-0.6	0.1
Wiring devices	1171		225.2	227.5	227.4	-1.5	0.0
Current-carrying wiring devices	1171-01		175.8	176.1	176.0	-2.9	-0.1
Current-carrying switches for electrical circuitry (including vehicular switches)	1171-0143	12/99	150.7	150.7	150.5	-1.7	-0.1
Current-carrying wire connectors for electrical circuitry	1171-0144	12/99	132.4	133.1	133.1	-4.5	0.0
Current-carrying wiring devices n.e.c.	1171-0147	06/06	108.9	108.9	109.0	-2.9	0.1
Noncurrent carrying wiring devices	1171-02		291.6	297.2	297.3	0.2	0.0
Noncurrent-carrying pole and transmission line hardware	1171-0215	12/04	144.5	–	144.9	-1.2	–
Noncurrent-carrying electrical conduit and conduit fittings, incl.plastics conduit & fittings	1171-0216	12/04	130.6	136.1	136.2	0.8	0.1
Other noncurrent-carrying wiring devices (boxes, covers, bar hangers, etc.)	1171-0217	12/04	135.4	135.9	135.7	0.0	-0.1
Porcelain electrical products and components	1171-0252	12/03	122.7	123.4	123.5	0.5	0.1
Integrating and measuring instruments	1172		171.1	171.2	171.3	-0.3	0.1
Test equipment for electrical, radio, & communication circuits & motors	1172-05	12/83	163.7	163.8	163.9	-0.5	0.1
Test equipment for electrical, radio, & communication circuits & motors	1172-0501		172.4	172.6	172.7	-0.5	0.1
Electrical integrating instruments and other instruments to measure electricity	1172-09	06/06	117.3	117.3	117.3	0.6	0.0
Electrical integrating instruments and other instruments to measure electricity	1172-0901	06/06	117.3	117.3	117.3	0.6	0.0
Motors, generators, motor generator sets	1173		209.1	208.8	209.6	-0.9	0.4
Fractional horsepower motors and generators	1173-03	06/83	184.6	184.5	184.7	0.5	0.1
Fractional horsepower motors and generators	1173-0312	12/99	138.9	138.8	139.0	0.5	0.1
Integral horsepower motors and generators (excluding land transportation types)	1173-04	06/83	248.7	247.1	251.3	1.3	1.7
Integral horsepower motors and generators (excluding land transportation types)	1173-0405	12/99	173.2	172.1	175.0	1.3	1.7
Parts and supplies for motors and generators	1173-09	06/83	233.5	233.5	233.5	0.0	0.0
Parts and supplies for motors and generators	1173-0901	06/83	233.5	233.5	233.5	0.0	0.0
Other motors and generators	1173-11	06/06	116.9	116.9	116.9	-2.9	0.0
Other motors and generators	1173-1101	06/06	116.9	116.9	116.9	-2.9	0.0
Land transportation motors, generators, and control equipment (except parts)	1173-11011	12/14	94.8	94.8	94.8	-3.4	0.0
Prime mover generator sets, except steam & hydraulic turbine	1173-11012	12/14	101.1	101.1	101.1	–	0.0
Transformers and power regulators	1174		207.5	207.4	208.1	-2.5	0.3
Power and distribution transformers, except parts	1174-09	12/99	174.8	174.6	175.5	-3.3	0.5
Power and distribution transformers, except parts	1174-0999	12/99	174.8	174.6	175.5	-3.3	0.5
Other transformers and parts for transformers	1174-11	12/99	137.7	137.7	137.5	-0.3	-0.1
Specialty transformers, except fluorescent lamp ballasts	1174-1102		112.1	112.2	111.9	-0.5	-0.3

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Switchgear, switchboard, industrial controls equipment	1175		219.0	219.1	219.9	0.9	0.4
Industrial controls and related parts and accessories	1175-07		223.8	223.8	224.3	0.6	0.2
Industrial controls and related parts and accessories	1175-0799	06/85	213.0	213.0	213.5	0.7	0.2
General-purpose industrial controls	1175-07991	06/11	109.9	109.9	110.2	0.1	0.3
Parts for industrial controls and motor-control accessories	1175-07992	06/11	106.9	106.9	107.0	1.8	0.1
Specific-purpose industrial controls	1175-07993	06/11	106.9	106.9	106.9	0.9	0.0
Switchgear and switchboard apparatus	1175-22	06/05	121.4	121.4	122.1	1.2	0.6
Switchgear and switchboard apparatus	1175-2201	06/05	121.4	121.4	122.1	1.2	0.6
Low voltage panelboards and distribution boards, 1000 volts or less	1175-22013	12/07	100.8	99.7	101.3	2.4	1.6
Switchgear, except relays and ducts 1000 volts or less	1175-2201A	12/07	114.6	115.7	115.5	0.3	-0.2
Communications and related equipment and miscellaneous electronic systems & equipment	1176	12/85	109.3	109.2	109.4	0.4	0.2
Telephone and wireline data networking equipment	1176-01	12/85	84.2	84.1	84.1	0.0	0.0
Carrier line equipment and external modems	1176-0112	12/00	78.6	78.6	78.6	0.0	0.0
Switching equipment	1176-0121	12/85	105.7	105.7	105.7	0.5	0.0
Wireline voice and data network equipment	1176-0141	12/85	70.8	70.7	70.7	-0.1	0.0
Other communications and related equipment, including broadcast and wireless	1176-03	06/13	101.0	100.9	100.8	-0.6	-0.1
Broadcast, studio and related equipment	1176-0301	12/85	109.6	109.2	109.2	-0.2	0.0
Radio station and wireless communication equipment	1176-0302	12/85	96.4	96.3	96.2	-0.7	-0.1
Wireless networking equipment	1176-03021	06/13	90.2	90.2	90.0	-5.4	-0.2
Radio station equipment	1176-03022	06/13	104.0	104.0	104.0	0.5	0.0
Other wireless communications systems and equipment	1176-03023	06/13	101.7	101.0	101.0	-0.2	0.0
Intercommunications, alarm and traffic control systems	1176-0303	12/85	130.0	130.0	130.0	0.5	0.0
Alarm systems, including electric sirens and horns	1176-03031	06/08	106.1	106.1	106.1	0.1	0.0
Electronic systems and equipment, n.e.c.	1176-05	12/03	107.8	108.2	108.2	0.4	0.0
Electronic systems and equipment, n.e.c.	1176-0512	12/03	107.8	108.2	108.2	0.4	0.0
Search, detection, navigation & guidance systems and equipment	1176-06	06/04	124.4	124.4	125.0	1.5	0.5
Search, detection, navigation & guidance systems and equipment	1176-0613	06/04	124.4	124.4	125.0	1.5	0.5
Electric lamp bulbs and tubes	1177		126.8	118.6	124.1	-4.5	4.6
Electric lamp bulbs and tubes	1177-04	12/04	98.8	92.4	96.6	-4.5	4.5
Electric lamp bulbs and tubes	1177-0401	12/04	98.8	92.4	96.6	-4.5	4.5
Electronic components and accessories	1178		67.4	67.3	67.2	-1.5	-0.1
Capacitors for electronic circuitry	1178-11		107.8	108.8	108.8	-0.6	0.0
Capacitors for electronic circuitry	1178-1148	12/02	80.2	81.0	80.9	-0.7	-0.1
Resistors for electronic circuitry	1178-12		176.3	176.3	176.3	0.8	0.0
Resistors for electronic circuitry	1178-1207	12/05	106.3	106.3	106.3	0.8	0.0
Relays for electronic circuitry, industrial control overload, and switchgear type	1178-21		240.4	240.3	240.3	-1.6	0.0
Relays for electronic circuitry, industrial control overload, and switchgear type	1178-2116	06/90	178.8	178.6	178.7	-1.6	0.1
Switches, mechanical (electronic applications)	1178-22	06/82	191.2	193.2	193.2	1.0	0.0
Switches, mechanical (electronic applications)	1178-2299	06/82	191.2	193.2	193.2	1.0	0.0
Connectors for electronic circuitry	1178-24		186.6	186.8	186.6	0.3	-0.1
Connectors for electronic circuitry	1178-2481	12/11	107.8	107.9	107.8	0.3	-0.1
Magnetic and optical recording media	1178-25		49.9	49.9	49.7	-0.4	-0.4
Magnetic and optical recording media	1178-2599	06/82	50.0	50.0	49.7	-0.6	-0.6
Filters, crystals, and transducers	1178-28	06/82	103.6	103.6	103.6	-0.3	0.0
Filters, crystals, and transducers	1178-2890	06/82	103.6	103.6	103.6	-0.3	0.0
Integrated microcircuits	1178-39	06/05	41.8	41.5	41.1	-4.0	-1.0
Integrated microcircuits	1178-3911	06/05	41.8	41.5	41.1	-4.0	-1.0
Other semiconductor and related devices	1178-47	06/05	72.7	72.5	73.7	-4.2	1.7
Other semiconductor and related devices	1178-4711	06/05	71.4	71.2	70.9	-7.0	-0.4
Transistors	1178-4712	12/09	100.7	–	–	–	–
Bare printed circuit boards	1178-49	12/00	105.2	105.2	105.2	0.1	0.0
Bare printed circuit boards	1178-4901	06/82	110.0	110.0	110.0	0.0	0.0
Electronic coils, transformers, and other inductors	1178-53	06/82	187.1	187.9	188.1	1.5	0.1
Electronic coils, transformers, and other inductors	1178-5399	06/00	128.4	129.0	129.1	1.4	0.1
Other electronic components, n.e.c.	1178-56	06/00	128.0	127.9	128.0	0.4	0.1
Microwave components and devices, excl. antennae, tubes and semiconductors	1178-5602	12/12	101.6	101.6	101.6	0.1	0.0
All other miscellaneous electronic components	1178-5603	06/00	128.3	128.2	128.3	0.5	0.1
Printed circuit assemblies, loaded boards, modules and consumer external modems	1178-61	06/82	96.3	96.3	96.3	0.8	0.0
Printed circuit assemblies, loaded boards, modules and consumer external modems	1178-6199	06/82	96.3	96.3	96.3	0.8	0.0
Miscellaneous electrical machinery and equipment	1179		117.8	116.8	117.0	-0.9	0.2
Storage batteries	1179-01		182.6	182.7	182.9	-1.2	0.1
Storage batteries, lead acid type, BCI dimensional group 8D or smaller	1179-0103	12/84	195.7	195.9	196.2	-1.1	0.2
Storage batteries, lead acid type, larger than BCI dimensional group 8D	1179-0104	12/84	228.5	228.4	228.5	-2.4	0.0
Storage batteries (except lead acid), including parts for all storage batteries	1179-0105	12/84	188.0	188.0	188.0	0.3	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Primary batteries	1179-02		180.3	–	182.0	-0.1	–
Primary batteries	1179-0229	12/03	116.9	–	118.1	-0.1	–
Carbon and graphite products	1179-03		152.9	138.7	138.7	-10.3	0.0
Carbon & graphite electrodes for electric furnaces and electrolytic use	1179-0326	12/03	–	126.6	126.6	-21.7	0.0
All other carbon and graphite products	1179-0335	12/03	136.9	137.1	137.1	0.9	0.0
X-ray and electromedical equipment	1179-05		87.2	86.8	87.0	-0.2	0.2
Irradiation equipment	1179-0512	06/85	119.8	119.9	119.9	0.8	0.0
Electromedical equipment, including diagnostic, therapeutic and patient monitoring equipment	1179-0541	06/09	95.9	95.3	95.5	-0.7	0.2
Miscellaneous electrical industrial apparatus	1179-29	12/85	138.4	138.6	138.7	1.3	0.1
Rectifying apparatus	1179-2902	12/85	145.5	146.1	146.3	2.7	0.1
Other electrical equipment for industrial use, except for electronic circuitry	1179-2904	12/03	121.3	121.3	121.3	-0.3	0.0
All other electrical equipment and components, except industrial	1179-39	12/06	112.0	–	112.0	-1.4	–
All other electrical equipment and components, except industrial	1179-3901	12/06	112.0	–	112.0	-1.4	–
Miscellaneous instruments	118		194.4	195.2	195.2	1.6	0.0
Automatic environmental controls for monitoring residential, commercial, and appliance use	1181		166.2	166.2	166.2	1.5	0.0
Automatic environmental controls for monitoring residential, commercial, and appliance use	1181-05	12/03	114.6	114.6	114.6	1.5	0.0
Automatic environmental controls for monitoring residential, commercial, and appliance use	1181-0501	12/03	114.6	114.6	114.6	1.5	0.0
Industrial process control instruments	1182	06/83	224.2	227.1	226.2	1.8	-0.4
Industrial process control instruments	1182-01	06/83	224.2	227.1	226.2	1.8	-0.4
Industrial process control instruments	1182-0171	12/03	135.8	137.5	137.0	1.8	-0.4
Fluid meters and counting devices	1184	12/85	172.2	172.2	172.5	1.7	0.2
Fluid meters and counting devices	1184-01	12/85	172.2	172.2	172.5	1.7	0.2
Integrating and totalizing meters for gases or liquids	1184-0102	12/85	207.7	207.7	208.4	1.4	0.3
Counting devices	1184-0103	12/85	190.2	–	190.2	0.3	–
Motor vehicle indicating instruments	1184-0104	12/85	121.7	121.7	121.7	2.4	0.0
Engineering and scientific instruments	1185	12/85	219.9	219.7	219.8	2.2	0.0
Aeronautical, nautical, and navigational instruments	1185-01	12/85	233.6	233.4	233.6	2.2	0.1
Aeronautical, nautical, and navigational instruments	1185-0111	12/85	233.6	233.4	233.6	2.2	0.1
Hospital beds and specialized hospital furniture	1185-04	12/11	110.2	110.2	110.1	2.8	-0.1
Hospital beds and specialized hospital furniture	1185-0404	12/11	110.2	110.2	110.1	2.8	-0.1
Measuring instruments and lenses	1186	12/85	142.0	142.2	142.4	1.1	0.1
Sighting, tracking, and fire-control equipment, optical type	1186-01	12/85	126.3	126.3	126.3	-0.3	0.0
Sighting, tracking, and fire-control equipment, optical type	1186-0111	12/85	126.3	126.3	126.3	-0.3	0.0
All other miscellaneous optical instruments and lenses	1186-02	12/85	131.6	131.4	132.1	-1.2	0.5
All other miscellaneous optical instruments and lenses	1186-0211	12/85	131.6	131.4	132.1	-1.2	0.5
Laboratory analytical instruments	1186-03	12/85	147.7	148.0	148.1	1.9	0.1
Laboratory analytical instruments	1186-0311	12/85	147.7	148.0	148.1	1.9	0.1
Measuring & controlling devices, n.e.c.	1189	06/85	154.3	155.4	155.3	1.8	-0.1
Aircraft engine instruments	1189-01	06/85	147.2	147.2	147.2	3.2	0.0
Aircraft engine instruments	1189-0199	06/85	147.2	147.2	147.2	3.2	0.0
Nuclear radiation detection & monitoring instruments	1189-04	06/85	183.5	184.9	185.0	4.0	0.1
Nuclear radiation detection & monitoring instruments	1189-0499	06/85	183.5	184.9	185.0	4.0	0.1
Physical properties and kinematic testing equipment	1189-05	06/04	102.6	103.7	103.8	1.9	0.1
Physical properties and kinematic testing equipment	1189-0599	06/04	102.6	103.7	103.8	1.9	0.1
Commercial, geophysical, meteorological & general-purpose instruments	1189-06	06/04	111.6	112.4	112.2	0.4	-0.2
Commercial, geophysical, meteorological & general-purpose instruments	1189-0699	06/04	111.6	112.4	112.2	0.4	-0.2
Miscellaneous machinery	119		178.5	178.6	178.9	-0.6	0.2
Oil field and gas field machinery	1191		215.4	215.2	215.2	-0.4	0.0
Oil field and gas field drilling machinery (except parts sold separately)	1191-02		235.7	235.2	235.1	-0.2	0.0
Rotary oil and gas field drilling machinery and equipment (except parts sold separately)	1191-0257	12/03	159.2	159.2	159.2	0.4	0.0
Portable drilling rigs (above ground), derricks, and well surveying machinery (excl parts)	1191-0259	12/03	141.2	141.5	141.3	1.5	-0.1
Oil and gas field derricks and well surveying machinery	1191-02599	12/10	108.7	108.9	108.9	3.3	0.0
Cementing and other oil and gas field drilling machinery (except parts sold separately)	1191-0263	12/10	103.5	102.4	102.4	-3.1	0.0
Oil field and gas field production machinery (except pumps and parts sold separately)	1191-04		184.0	184.0	184.0	0.1	0.0
Oil field and gas field production machinery (except pumps and parts sold separately)	1191-0456	12/03	151.2	151.2	151.2	0.1	0.0
Parts and attachments for oil and gas field machinery and equipment	1191-06	12/10	104.4	104.4	104.4	-1.5	0.0
Parts and attachments for oil and gas field drilling machinery	1191-0602	12/10	103.8	103.8	103.8	-0.6	0.0
Parts and attachments for oil and gas field production machinery	1191-0604	12/10	106.6	106.6	106.6	-3.5	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Mining machinery and equipment	1192		263.7	263.2	263.8	1.0	0.2
Underground mining machinery (except parts sold separately)	1192-01		280.4	280.4	280.4	0.1	0.0
Underground mining machinery (except parts sold separately)	1192-0111	12/03	167.6	167.6	167.6	0.1	0.0
Crushing, pulverizing, & screening machinery (except parts sold separately)	1192-02		307.4	307.4	307.4	0.0	0.0
Crushing, pulverizing, & screening machinery (except parts sold separately)	1192-0201	12/03	152.3	152.3	152.3	0.0	0.0
Drills and other mining machinery (except parts sold separately)	1192-03		281.4	281.8	281.8	1.5	0.0
Drills and other mining machinery (except parts sold separately)	1192-0302	12/03	153.4	153.6	153.6	1.5	0.0
Mineral processing & beneficiation machinery (except parts sold separately)	1192-06		272.6	272.6	272.6	1.5	0.0
Mineral processing & beneficiation machinery (except parts sold separately)	1192-0601	12/03	178.1	178.1	178.1	1.5	0.0
Parts and attachments for mining machinery and equipment (sold separately)	1192-53		236.6	235.1	236.7	1.4	0.7
Parts and attachments for mining machinery and equipment (sold separately)	1192-5303	12/03	170.4	169.3	170.5	1.4	0.7
Office and store machines and equipment	1193		123.0	123.0	123.0	0.2	0.0
Coin-operated automatic merchandising machines	1193-06		141.9	142.2	142.2	1.6	0.0
Coin-operated mechanisms and other parts for automatic merchandising machines	1193-0656	06/94	116.4	116.2	116.2	-1.5	0.0
Automatic merchandising machines, coin-operated, excluding parts	1193-0657	12/09	104.8	104.8	104.8	1.0	0.0
Office machinery and parts	1193-07		139.4	139.4	139.4	0.0	0.0
Other office machines	1193-0756	06/07	102.6	102.6	102.6	0.0	0.0
Parts and attachments for office machines	1193-0757	12/94	136.9	136.9	–	–	–
Coin-operated amusement machines	1193-08	12/85	147.6	–	147.6	0.0	–
Coin-operated amusement machines	1193-0801	12/85	147.6	–	147.6	0.0	–
Internal combustion engines	1194		164.3	164.4	164.5	-2.4	0.1
Diesel, semidiesel, and dual-fuel engines, automotive	1194-08	12/82	148.8	149.2	149.2	-5.4	0.0
Diesel, semidiesel, and dual-fuel engines, automotive	1194-0811	12/82	148.8	149.2	149.2	-5.4	0.0
Parts and accessories for internal combustion engines	1194-13		192.8	192.1	192.8	0.6	0.4
Parts and accessories for internal combustion engines	1194-1301		192.8	192.1	192.8	0.6	0.4
Other machine shop products	1195		183.7	183.8	184.7	0.2	0.5
Other machine shop products	1195-05	06/84	166.4	166.5	167.4	0.3	0.5
Other machine shop products	1195-0501	06/84	166.4	166.5	167.4	0.3	0.5
Turbines and turbine generator sets	1197	06/87	232.5	234.2	233.4	0.0	-0.3
Turbines and turbine generator sets	1197-01	06/87	232.5	234.2	233.4	0.0	-0.3
Steam, gas, and other turbines and turbine generators	1197-0103	06/11	104.8	105.6	106.0	1.0	0.4
Parts & accesories for turbines, turbine generators, and turbine generator sets	1198	09/15	100.4	100.4	100.4	–	0.0
Parts & accesories for turbines, turbine generators, and turbine generator sets	1198-01	09/15	100.4	100.4	100.4	–	0.0
Parts & accesories for turbines, turbine generators, and turbine generator sets	1198-0101	09/15	100.4	100.4	100.4	–	0.0
Furniture and household durables	12		165.2	164.7	164.8	0.1	0.1
Household furniture	121		205.2	205.4	205.3	0.8	0.0
Metal household furniture	1211		159.2	159.1	159.2	4.5	0.1
Metal household furniture	1211-01		159.2	159.1	159.2	4.5	0.1
Metal household dining room and kitchen furniture	1211-0102	06/84	189.2	–	189.1	4.3	–
Other metal household furniture	1211-0104	06/84	142.6	142.6	142.6	4.5	0.0
Metal household furniture, beds, nonupholstered	1211-01041	12/11	–	99.7	99.7	–	0.0
Wood household furniture	1212		237.2	238.1	237.9	0.9	-0.1
Living room furniture (nonupholstered), wood	1212-01		235.6	237.0	233.8	0.6	-1.4
Living room furniture (nonupholstered), wood	1212-0181	12/04	126.4	127.2	125.5	0.6	-1.3
Dining room furniture (nonupholstered), wood	1212-02		253.3	256.3	257.3	3.5	0.4
Dining room furniture (nonupholstered), wood	1212-0281	12/04	128.9	130.4	130.9	3.5	0.4
Bedroom furniture (nonupholstered), wood	1212-03		237.3	237.5	238.0	0.8	0.2
Bedroom furniture (nonupholstered), wood	1212-0381	12/04	125.2	125.3	125.6	0.8	0.2
Other wood household furniture	1212-04		205.6	205.7	206.3	-0.5	0.3
Other wood household furniture	1212-0481	12/04	146.3	146.4	146.8	-0.5	0.3
Nonupholstered wood infants' & children's furniture	1212-04811	12/07	126.1	126.3	129.1	2.4	2.2
Custom nonupholstered wood household furniture sold direct, excl. kitchen cabinets and vanities	1212-05	06/12	104.2	104.2	104.2	0.0	0.0
Custom nonupholstered wood household furniture sold direct, excl. kitchen cabinets and vanities	1212-0581	06/12	104.2	104.2	104.2	0.0	0.0
Upholstered household furniture	1213		192.2	191.7	191.7	0.2	0.0
Upholstered household furniture	1213-01		192.2	191.7	191.7	0.2	0.0
Dual purpose sleep furniture, incl. convertible sofa	1213-0123	06/83	158.4	158.6	158.6	-2.0	0.0
Upholstered household furniture	1213-0141	06/05	122.3	122.0	122.0	0.3	0.0
Upholstered household davenports, sofas, loveseats, and settees	1213-01411	12/11	105.0	104.5	104.5	-0.2	0.0
Upholstered household sectional sofa pieces	1213-01412	12/11	107.4	106.9	106.9	1.1	0.0
Upholstered household reclining chairs, except custom	1213-01414	12/11	105.4	105.4	105.4	0.9	0.0
Other upholstered household furniture, including custom	1213-01415	12/11	105.3	105.9	105.9	0.7	0.0
Bedding	1214		175.4	175.8	175.8	0.3	0.0
Bedding	1214-01		175.4	175.8	175.8	0.3	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Innerspring mattresses, excl. crib size	1214-0104	12/95	150.1	150.1	150.1	0.0	0.0
Mattress foundations	1214-0107	12/11	94.6	94.6	94.6	3.5	0.0
Mattresses, other types, including crib, foam, waterbed mattresses and mattress inserts	1214-0114	06/83	192.0	194.5	194.5	-0.3	0.0
Sleep system ensembles and mattresses, except conventional waterbeds	1214-0122	12/95	154.2	154.2	154.2	-1.8	0.0
Mattress and foundation sets	1214-0134	12/03	114.5	114.5	114.5	0.0	0.0
Metal porch, lawn, outdoor & casual furniture	1215		259.9	260.7	260.7	4.2	0.0
Metal porch, lawn, outdoor & casual furniture	1215-01		259.9	260.7	260.7	4.2	0.0
Metal porch, lawn, outdoor & casual furniture	1215-0112	06/84	258.5	259.3	259.3	4.2	0.0
Nonupholstered household furniture, except wood and metal	1216	12/85	144.9	144.9	144.9	0.6	0.0
Nonupholstered household furniture, except wood and metal	1216-01	12/85	144.9	144.9	144.9	0.6	0.0
Nonupholstered household furniture, except wood and metal	1216-0101	12/85	144.9	144.9	144.9	0.6	0.0
Commercial furniture	122		213.7	213.2	213.7	0.3	0.2
Wood office furniture and store fixtures	1221		217.2	216.0	216.7	-0.6	0.3
Wood office furniture and store fixtures	1221-01		217.2	216.0	216.7	-0.6	0.3
Wood office seating	1221-0112	06/85	195.9	190.9	192.8	-2.1	1.0
Wood office desks and extensions	1221-0113	06/85	221.9	224.9	225.2	-0.1	0.1
Wood office storage units, files and tables	1221-0114	06/85	237.9	237.5	239.2	2.1	0.7
Other wood office furniture	1221-0116	06/85	195.8	195.8	195.8	0.1	0.0
Fixtures for stores, banks and offices	1221-0161	12/83	211.1	209.6	210.1	-0.9	0.2
Custom architectural woodwork, millwork, and fixtures	1221-01611	06/08	107.0	106.3	106.5	-0.5	0.2
Wood lockers, partitions, and shelving (except custom)	1221-01612	06/08	105.8	–	–	–	–
Wood bank, office, store, and related fixtures (except custom)	1221-01613	06/08	95.5	95.1	95.1	-7.8	0.0
Wood furniture dimensions and nonwood furniture parts and frames	1221-01615	12/11	118.4	118.3	118.3	3.4	0.0
Nonwood furniture and store fixtures	1222		204.2	203.2	203.7	0.2	0.2
Nonwood commercial storage units, files, and tables	1222-02		224.6	218.1	221.7	0.3	1.7
Nonwood commercial storage units, files, and tables	1222-0202	06/95	161.3	156.6	159.2	0.3	1.7
Nonwood commercial furniture	1222-03		209.2	208.2	207.1	0.2	-0.5
Nonwood office seating	1222-0325		196.9	197.6	197.4	1.8	-0.1
Nonwood office furniture panel systems, and other nonwood office furniture	1222-0326	06/95	137.2	135.6	134.4	-1.0	-0.9
Nonwood partitions and fixtures	1222-04	12/83	180.0	181.5	182.1	0.3	0.3
Shelving and lockers, except wood	1222-0405	12/83	184.7	185.5	184.6	-0.9	-0.5
Commercial shelving, except wood	1222-0405A1	12/11	100.5	100.5	100.5	0.0	0.0
Storage racks and accessories, except wood	1222-0407	12/83	173.4	175.8	177.3	1.4	0.9
Fixtures (bank, office, and store) except wood	1222-0409	12/83	177.3	177.1	178.2	-1.0	0.6
Public building furniture	1223	12/84	207.9	208.1	208.8	2.0	0.3
Public building furniture	1223-01	12/84	207.9	208.1	208.8	2.0	0.3
Public building and related furniture, excluding school & restaurant furniture	1223-0102	12/84	203.2	203.5	203.4	1.1	0.0
Commercial furniture and fixtures, n.e.c.	1224	12/85	194.8	197.4	197.1	1.8	-0.2
Commercial furniture and fixtures, n.e.c.	1224-01	12/85	194.8	197.4	197.1	1.8	-0.2
Bar, bowling center, cafeteria, and restaurant furniture	1224-0104	12/10	121.0	121.1	121.1	0.7	0.0
Other commercial and institutional furniture and fixtures, n.e.c.	1224-0108	12/10	111.6	113.9	113.7	2.4	-0.2
Floor coverings	123		188.0	185.8	185.9	-0.8	0.1
Carpets and rugs	1231		182.7	180.3	180.4	-0.9	0.1
Carpets and rugs	1231-01		185.5	183.1	183.2	-0.9	0.1
Carpets and rugs	1231-0101		185.5	183.1	183.2	-0.9	0.1
Household appliances	124		116.2	115.1	115.4	-0.9	0.3
Major appliances	1241		111.9	110.7	110.9	-1.2	0.2
Household cooking appliances	1241-01		113.0	112.0	111.2	-1.6	-0.7
Electric household ranges, ovens (including microwave), surface cooking units, and equipment	1241-0105	12/02	109.1	–	105.4	-2.3	–
Gas household ranges, ovens, surface cooking units and equipment	1241-0139	12/02	115.1	117.0	116.0	-1.1	-0.9
Other household ranges and cooking equipment, including outdoor equipment	1241-0169	12/02	135.4	137.7	–	–	–
Household laundry equipment and parts	1241-02		111.1	–	–	–	–
Household laundry equipment and parts	1241-0220		111.1	–	–	–	–
Household refrigeration equipment	1241-03		99.3	–	98.4	-1.8	–
Household refrigerators, including refrigerator-freezer combinations	1241-0329	12/02	107.4	–	106.4	-1.3	–
Parts and attachments for household refrigerators and freezers	1241-0339	12/02	110.8	–	–	–	–
Other major household appliances including room air-conditioners	1241-04		134.8	134.8	133.7	-0.5	-0.8
Household vacuum cleaners, including parts and attachments	1243		102.9	103.4	103.2	0.8	-0.2
Household vacuum cleaners, including parts and attachments	1243-01		96.6	97.0	96.8	0.7	-0.2
Household vacuum cleaners, including parts and attachments	1243-0114	06/07	105.3	105.8	105.6	0.8	-0.2
Electric housewares and fans	1244		117.0	117.0	117.1	0.1	0.1
Small electric household appliances, except fans	1244-01		95.7	95.6	95.7	0.1	0.1
Small electric household appliances, except fans	1244-0178	06/99	90.8	90.8	90.8	0.0	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Electric fans, except industrial-type	1244-02	12/82	155.6	155.6	155.6	-0.1	0.0
Electric fans, except industrial-type	1244-0228	06/99	137.2	137.2	137.2	0.0	0.0
Parts and attachments for small household electric appliances	1244-03	12/82	143.3	143.9	144.6	0.8	0.5
Parts and attachments for small household electric appliances	1244-0311	12/82	143.3	143.9	144.6	0.8	0.5
Portable residential lighting fixtures, including parts and accessories	1245		200.2	199.0	200.3	-1.4	0.7
Portable residential lighting fixtures, including parts and accessories	1245-01		200.2	199.0	200.3	-1.4	0.7
Portable residential lighting fixtures, including parts and accessories	1245-0135	06/98	134.9	134.1	135.0	-1.5	0.7
Home electronic equipment	125		51.4	51.6	51.6	0.4	0.0
Speakers and commercial sound equipment	1257	12/03	113.7	113.7	113.7	0.6	0.0
Speakers and commercial sound equipment	1257-07	12/03	113.7	113.7	113.7	0.6	0.0
Speakers and commercial sound equipment	1257-0708	12/03	113.7	113.7	113.7	0.6	0.0
Other home electronic equipment	1258	06/04	95.9	96.3	96.3	0.2	0.0
Other consumer audio and video equipment, incl. audio & video recorders & players (camcorders)	1258-02	06/04	89.9	89.9	–	–	–
Other consumer audio and video equipment, incl. audio & video recorders & players (camcorders)	1258-0299	06/04	89.9	89.9	–	–	–
Other household durable goods	126		190.4	190.9	190.9	0.7	0.0
Vitreous china, fine earthenware, and other pottery products	1261		247.8	247.8	248.6	1.1	0.3
Vitreous china, fine earthenware, and other pottery products	1261-01		247.8	247.7	248.6	1.1	0.4
Vitreous china, porcelain, and earthenware	1261-0104	06/08	113.3	113.3	113.3	0.6	0.0
All other pottery products (including china decorated for the trade)	1261-0105	06/08	119.2	119.2	119.9	1.4	0.6
Mirrors (decorated and undecorated)	1265		177.7	177.8	177.8	3.5	0.0
Mirrors (decorated and undecorated)	1265-01		177.7	177.8	177.8	3.5	0.0
Mirrors (decorated and undecorated)	1265-0104	12/04	114.5	114.5	114.5	3.4	0.0
Lawn/garden equipment	1266		143.0	144.1	144.1	0.2	0.0
Consumer riding lawn, garden, and snow equipment	1266-04	12/82	136.0	138.1	138.1	1.2	0.0
Consumer riding lawn, garden, and snow equipment	1266-0404	06/03	102.6	104.1	104.1	1.2	0.0
Parts and attachments for consumer lawn, garden, and snow equipment	1266-05	12/82	165.0	166.0	166.0	-0.5	0.0
Parts and attachments for consumer lawn, garden, and snow equipment	1266-0503	06/03	111.5	112.2	112.2	-0.4	0.0
Consumer nonriding lawn, garden, and snow equipment	1266-06	06/03	109.4	109.6	109.6	-0.5	0.0
Consumer nonriding lawn, garden, and snow equipment	1266-0601	06/03	109.4	109.6	109.6	-0.5	0.0
Cutlery, flatware (except precious), razors and razor blades	1267		241.2	241.2	241.2	1.9	0.0
Cutlery, flatware (except precious), razors and razor blades	1267-01		241.2	241.2	241.2	1.9	0.0
Razor blades and razors, except electric	1267-0102	12/83	250.6	250.6	–	–	–
Cutlery, scissors, shears, trimmers, and snips	1267-0141	12/83	212.6	212.6	212.6	3.5	0.0
Metal kitchen utensil, pots, and pans	1268		232.3	235.4	234.2	0.9	-0.5
Metal kitchen utensil, pots, and pans	1268-01		232.3	235.4	234.2	0.9	-0.5
Stamped and spun kitchen utensils, aluminum	1268-0101		210.0	215.0	213.0	1.4	-0.9
Stamped and spun kitchen utensils, except aluminum	1268-0102	06/84	228.6	228.6	228.6	0.1	0.0
Window shades, blinds, and accessories	1269	06/84	190.3	187.7	187.6	-0.8	-0.1
Window shades, blinds, and accessories	1269-01	06/84	190.3	187.7	187.6	-0.8	-0.1
Window shades and window shade accessories and rollers	1269-0101	06/84	211.4	–	–	–	–
Venetian blinds	1269-0102	06/84	165.6	166.3	166.0	0.8	-0.2
Other shades and blinds, including curtain and drapery fixtures, poles, & rods	1269-0103	06/84	184.4	178.1	178.1	-3.5	0.0
Silverware and hollowware	126A	12/11	99.3	99.3	102.6	3.7	3.3
Silverware and hollowware	126A-01	12/11	99.3	99.3	102.6	3.7	3.3
Silverware and hollowware	126A-0122	12/11	99.3	99.3	102.6	3.7	3.3
Nonmetallic mineral products	13		232.7	233.3	233.9	2.1	0.3
Glass	131		140.1	141.4	141.5	3.7	0.1
Flat glass	1311		130.5	132.2	132.3	4.8	0.1
Float, sheet, and plate glass	1311-05		96.5	97.5	98.3	8.1	0.8
Float, sheet, and plate glass	1311-0511	06/83	93.0	94.0	94.7	8.1	0.7
Specialty glass	1311-07		161.3	163.5	163.4	3.9	-0.1
Specialty glass	1311-0703	06/11	117.6	119.2	119.1	3.9	-0.1
Other finished glassware	1313	06/83	154.8	155.0	155.0	1.0	0.0
Other finished glassware	1313-01	06/83	157.3	157.4	157.5	1.0	0.1
Machine-made table, kitchen, & novelty glassware	1313-0116	12/11	117.5	117.9	117.9	1.2	0.0
Other machine-made pressed and blown glassware	1313-0117	12/11	106.2	106.1	106.2	0.7	0.1
Handmade pressed and blown glassware	1313-0118	12/11	112.3	112.3	112.3	2.6	0.0
Concrete ingredients and related products	132		276.1	279.8	280.4	5.0	0.2
Construction sand, gravel, and crushed stone	1321		311.1	314.1	314.7	4.8	0.2
Construction sand, gravel, and crushed stone	1321-01		311.1	314.1	314.7	4.8	0.2
Construction sand and gravel (run of pit/bank, washed, screened, etc)	1321-0120	12/11	117.8	120.7	120.8	4.3	0.1

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Construction sand and gravel, Northeast	1321-01201	12/12	115.5	124.0	124.0	7.9	0.0
Construction sand and gravel, Midwest	1321-01202	12/12	119.3	123.1	122.8	4.2	-0.2
Construction sand and gravel, South	1321-01203	12/12	114.6	114.6	114.6	3.2	0.0
Construction sand and gravel, West	1321-01204	12/12	112.2	113.5	113.9	3.2	0.4
Crushed and broken stone	1321-0121		305.5	306.3	307.0	5.0	0.2
Crushed and broken limestone	1321-01212	12/11	119.1	118.8	119.1	5.1	0.3
Crushed and broken granite	1321-01213	12/11	110.1	112.1	111.7	5.9	-0.4
Bituminous limestone, sandstone, & other crushed & broken stone	1321-01219	12/11	107.2	107.7	108.8	3.6	1.0
Cement, hydraulic	1322		230.7	236.0	236.6	5.4	0.3
Cement, hydraulic	1322-01		230.7	236.0	236.6	5.4	0.3
Cement, hydraulic	1322-0161	06/89	225.8	231.0	231.5	5.4	0.2
Concrete products	133		245.5	246.8	248.1	3.7	0.5
Concrete block and brick	1331		246.4	247.2	246.6	2.0	-0.2
Structural concrete block	1331-11		252.9	254.3	253.1	2.4	-0.5
Structural concrete block	1331-1135	12/87	206.4	207.6	206.5	2.4	-0.5
Structural concrete block, lightweight units (weighing less than 105 lb/cubic ft.) (dry weight)	1331-11351	12/11	111.1	111.8	111.2	2.6	-0.5
Structural concrete block, mediumweight units (weighing 105 - 124 lb/cubic ft.) (dry weight)	1331-11352	12/11	114.3	114.5	114.1	5.1	-0.3
Structural concrete block, normalweight units (weighing 125 lb or more/cubic ft.) (dry weight)	1331-11353	12/11	107.4	108.1	107.5	0.9	-0.6
Decorative concrete block	1331-21		225.3	225.6	226.2	2.0	0.3
Decorative concrete block (such as screen, split, slump block, etc.)	1331-2101		225.3	225.6	226.2	2.0	0.3
Concrete brick	1331-31		210.6	211.3	211.3	3.6	0.0
Concrete brick	1331-3101		210.6	211.3	211.3	3.6	0.0
Concrete pavers	1331-41		207.4	207.0	207.0	0.7	0.0
Concrete pavers (including grid, interlocking, etc.)	1331-4101		207.4	207.0	207.0	0.7	0.0
Concrete pipe	1332		221.0	221.9	221.9	0.9	0.0
Concrete pipe	1332-01		221.0	221.9	221.9	0.9	0.0
Concrete pipe	1332-0108	12/86	193.0	193.8	193.8	0.9	0.0
Concrete culvert pipe	1332-01081	12/11	107.0	107.8	107.9	-1.2	0.1
Concrete storm sewer pipe	1332-01082	12/11	131.8	133.3	133.2	3.7	-0.1
Concrete pipe, except concrete culvert and storm sewer pipe	1332-01083	12/11	108.9	108.7	108.6	0.6	-0.1
Ready-mix concrete	1333		249.7	251.9	254.2	4.3	0.9
Ready-mix concrete	1333-01		249.7	251.9	254.2	4.3	0.9
Ready-mix concrete	1333-0101		249.7	251.9	254.2	4.3	0.9
Northeast region ready-mix concrete	1333-0101A	12/12	109.5	108.2	109.1	3.2	0.8
Midwest region ready-mix concrete	1333-0101B	12/12	113.8	114.1	115.1	4.3	0.9
South region ready-mix concrete	1333-0101C	12/12	118.9	120.2	120.2	4.0	0.0
West region ready-mix concrete	1333-0101D	12/12	108.1	110.4	113.4	5.3	2.7
Precast concrete products	1334		248.9	249.8	249.7	1.8	0.0
Precast concrete products	1334-01		248.9	249.8	249.7	1.8	0.0
Precast concrete products	1334-0106	12/86	219.6	220.4	220.3	1.8	0.0
Precast concrete slabs and tile, roof and floor units	1334-01061	12/11	113.2	–	113.3	3.8	–
Precast concrete architectural wall panels	1334-01062	12/11	112.0	112.3	112.6	1.0	0.3
Burial vaults and boxes, precast concrete	1334-01063	12/11	110.6	110.6	110.6	2.2	0.0
Other precast concrete products	1334-01064	12/11	113.8	114.4	114.2	1.0	-0.2
Prestressed concrete products	1335		223.1	216.5	217.2	11.7	0.3
Prestressed concrete products	1335-01		223.1	216.5	217.2	11.7	0.3
Prestressed concrete products	1335-0107	12/86	227.7	221.0	221.7	11.7	0.3
Clay construction products ex. refractories	134		184.1	184.6	184.1	0.8	-0.3
Brick and structural clay tile	1342	12/84	191.3	191.9	191.0	-0.5	-0.5
Face brick and building brick	1342-01	12/84	189.3	189.8	188.8	-0.6	-0.5
Face brick and building brick	1342-0101	12/84	189.3	189.8	188.8	-0.6	-0.5
Glazed brick and other brick (paving, floor and sewer)	1342-02	12/84	215.5	218.2	217.7	1.7	-0.2
Glazed brick and other brick (paving, floor and sewer)	1342-0201	12/84	215.5	218.2	217.7	1.7	-0.2
Clay floor and wall tile, glazed and unglazed	1344		123.0	123.2	123.2	2.4	0.0
Clay floor and wall tile, glazed and unglazed	1344-01		123.0	123.2	123.2	2.4	0.0
Clay floor and wall tile, glazed and unglazed	1344-0131		123.0	123.2	123.2	2.4	0.0
Structural clay products, n.e.c.	1345		248.9	248.9	249.0	3.2	0.0
Structural clay products, n.e.c.	1345-01		248.9	248.9	249.0	3.2	0.0
All other structural clay products, except clay refractories, n.e.c.	1345-0199	12/85	218.7	218.7	218.9	3.9	0.1
Refractories	135		252.0	252.1	251.7	0.4	-0.2
Clay refractories	1352		292.7	294.3	293.7	1.0	-0.2
Clay refractories	1352-01		292.7	294.3	293.7	1.0	-0.2

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Clay refractories	1352-0181	12/04	164.4	165.3	164.9	1.0	-0.2
Nonclay refractories	1353		220.3	219.5	219.2	-0.1	-0.1
Nonclay refractories	1353-01		220.3	219.5	219.2	-0.1	-0.1
Nonclay refractories	1353-0112	12/04	144.5	144.0	143.8	-0.1	-0.1
Asphalt felts and coatings	136		219.2	223.2	224.7	-1.3	0.7
Prepared asphalt and tar roofing and siding products	1361		219.5	223.2	224.5	0.6	0.6
Prepared asphalt and tar roofing and siding products	1361-01		219.5	223.2	224.5	0.6	0.6
Prepared asphalt and tar roofing and siding products	1361-0131	12/03	199.6	203.0	204.2	0.6	0.6
Roofing asphalts, pitches, coatings, and cement	1362		197.7	203.0	205.4	-12.6	1.2
Roofing asphalts, pitches, coatings, and cement	1362-01		197.7	203.0	205.4	-12.6	1.2
Roofing asphalts, pitches, coatings, and cement	1362-0121	06/84	187.3	192.2	194.6	-12.6	1.2
Gypsum products	137		290.6	296.2	296.4	2.4	0.1
Gypsum products	1371		290.6	296.2	296.4	2.4	0.1
Gypsum products	1371-01		290.6	296.2	296.4	2.4	0.1
Gypsum building plasters, boards and laths	1371-0102	12/93	219.8	225.1	226.2	1.4	0.5
Glass containers	138		196.7	197.1	197.1	0.3	0.0
Glass containers	1381		196.7	197.1	197.1	0.3	0.0
Glass containers	1381-01		196.7	197.1	197.1	0.3	0.0
Glass containers	1381-0104	06/95	150.4	150.8	150.8	0.3	0.0
Other nonmetallic minerals	139		244.7	240.0	240.1	-1.6	0.0
Insulation materials	1392		190.5	187.3	186.7	1.5	-0.3
Mineral wool for thermal and acoustical envelope insulation	1392-01		184.2	179.8	179.5	2.0	-0.2
Mineral wool for thermal and acoustical envelope insulation	1392-0105	06/07	140.4	137.0	136.8	2.0	-0.1
Mineral wool for industrial, equipment, and appliance insulation	1392-02		172.2	172.3	171.0	0.4	-0.8
Mineral wool for industrial, equipment, and appliance insulation	1392-0201		172.2	172.3	171.0	0.4	-0.8
Paving mixtures and blocks	1394		305.7	289.6	289.8	-6.9	0.1
Paving mixtures and blocks	1394-01		305.7	289.6	289.8	-6.9	0.1
Paving mixtures and blocks	1394-0113	12/03	215.7	204.3	204.5	-6.9	0.1
Emulsified asphalt, including liquid additives	1394-0113A	12/09	109.3	107.5	108.0	-13.0	0.5
Other liquid asphalt and tar paving materials, including cut-backs	1394-0113B	12/09	113.1	106.3	107.4	-13.5	1.0
Asphalt and tar paving mixtures (excluding liquid)	1394-0113C	12/09	117.3	109.8	109.6	-4.5	-0.2
Cut stone and stone products	1395	12/84	161.5	161.0	161.3	2.7	0.2
Cut stone and stone products	1395-01	12/84	161.5	161.0	161.3	2.7	0.2
Dressed dimension granite (including gneiss, syenite, diorite, and cut granite)	1395-0111	12/84	154.0	152.9	153.1	4.1	0.1
Dressed dimension limestone (including dolomite, travertine, calcareous, and tufa)	1395-0121	12/84	170.6	171.0	171.0	-0.8	0.0
Dressed dimension marble and other stone	1395-0151	12/04	111.6	111.9	112.4	1.2	0.4
Gaskets, packing, and sealing devices	1398	12/85	193.5	192.6	192.7	0.4	0.1
Gaskets and gasketing material	1398-01	12/85	222.4	220.5	220.6	0.1	0.0
Nonmetallic gaskets and gasketing	1398-0111	12/90	184.4	181.9	182.0	0.5	0.1
Metallic gaskets and machined seals	1398-0112	12/90	188.9	–	–	–	–
Packing and sealing	1398-02	12/85	171.0	171.0	171.1	0.8	0.1
Compression packings	1398-0211	12/90	186.2	–	186.4	0.4	–
Molded packing and sealing devices	1398-0212	12/90	156.8	156.7	156.7	1.1	0.0
Rotary oil seals	1398-0214	12/90	128.6	128.6	128.6	0.0	0.0
Axial mechanical face seals and parts	1398-0215	05/16	–	–	100.4	–	–
Nonmetallic minerals and products, n.e.c.	1399	06/82	240.6	243.3	243.6	1.2	0.1
Industrial sand	1399-01	06/82	292.3	293.8	293.8	-1.1	0.0
Industrial glass sand	1399-0101	06/82	370.6	378.1	378.1	2.9	0.0
Industrial molding sand	1399-0111	06/82	328.6	328.6	–	–	–
Hydraulic fracturing sand and all other industrial sand	1399-0121	06/82	208.9	205.6	205.7	-6.6	0.0
Hydraulic fracturing sand	1399-01211	12/12	74.3	71.9	71.9	-13.1	0.0
All other industrial sand	1399-01212	12/12	125.5	126.7	126.7	4.6	0.0
Clay and stone mining and quarrying	1399-02	06/84	246.2	248.1	248.7	1.4	0.2
Minerals and earths ground or treated	1399-0209	06/85	248.0	249.4	250.2	0.4	0.3
Treated lightweight aggregate and crushed slag, minerals and earths	1399-02094	12/14	106.6	110.5	110.2	3.8	-0.3
Other minerals and earths, treated	1399-02096	12/14	98.0	96.9	97.6	-1.8	0.7
Dimension stone mining and quarrying	1399-0211	06/85	234.5	235.4	235.1	1.7	-0.1
Clay, excluding kaolin and ball clay	1399-0214	06/90	183.2	185.1	185.6	3.3	0.3
Common (miscellaneous) clay and shale	1399-0214B	12/07	121.7	121.7	122.4	0.8	0.6
Bentonite	1399-0214C	12/07	116.5	118.1	117.3	0.5	-0.7
Feldspar, fire clay, and fuller's earth	1399-0214V	12/07	151.2	153.4	155.0	7.6	1.0
Talc, gypsum, and other powdered clay mining and quarrying	1399-0299	06/85	261.8	265.9	266.2	3.4	0.1
Miscellaneous nonmetallic mineral products	1399-03	12/85	187.4	190.9	190.9	1.9	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Dry-mixed concrete materials incl. sand, gravel, mortar and cement premixes.	1399-0312	12/11	113.2	116.2	116.2	2.7	0.0
Other nonmetallic mineral products	1399-0313	12/11	107.3	106.9	107.1	-0.1	0.2
Transportation equipment	14		177.1	176.9	176.3	-0.1	-0.3
Motor vehicles and equipment	141		147.6	147.3	146.6	-0.4	-0.5
Motor vehicles	1411		153.2	152.7	151.3	-0.4	-0.9
Passenger cars	1411-01		133.4	133.4	132.4	-0.2	-0.7
Passenger cars	1411-0131	06/82	133.2	133.1	132.1	-0.2	-0.8
Motorcycles, including three-wheel motorbikes, motorscooters, mopeds, and parts	1411-04		188.7	188.9	188.9	1.7	0.0
Motorcycles, including three-wheel motorbikes, motorscooters, mopeds, and parts	1411-0401		203.3	203.5	203.5	1.8	0.0
Trucks, 14,000 lbs. and under	1411-05		172.7	171.6	169.8	-0.8	-1.0
Trucks, 14,000 lbs. and under	1411-0571	12/82	166.1	165.1	163.4	-0.8	-1.0
Trucks, over 14,000 lbs. GVW	1411-06		221.7	221.8	221.6	1.4	-0.1
Trucks, over 14,000 lbs. GVW	1411-0684	12/05	133.8	133.9	133.8	1.4	-0.1
Truck, truck tractors, and bus chassis (chassis of own manufacture) 14,001 to 33,000 lbs	1411-06841	06/11	106.6	106.6	106.6	0.6	0.0
Truck, truck tractors, and buses chassis (chassis of own manufacturer) 33,001 lbs or more	1411-06842	06/11	115.3	115.5	115.4	2.1	-0.1
Buses, including military and firefighting vehicles (chassis of own manufacture)	1411-06843	06/11	106.3	106.1	105.7	0.4	-0.4
Motor vehicles parts	1412		124.8	124.8	124.8	-0.7	0.0
Motor vehicles parts	1412-05	12/03	111.9	111.9	111.9	-0.7	0.0
Gasoline engines and engine parts, excl. carburetors, pistons, and valves	1412-0501	12/03	117.2	117.4	117.6	0.1	0.2
Motor vehicle steering and suspension parts	1412-0502	12/03	103.4	103.8	104.6	-0.8	0.8
Motor vehicle transmission and power train	1412-0503	12/03	112.4	112.9	112.5	-0.6	-0.4
Motor vehicle drive train components, except wheels and brakes, new	1412-05031	12/11	104.1	104.5	104.1	-0.8	-0.4
Motor vehicle transmissions except auxiliary and parts, new	1412-050310	06/12	103.9	104.8	104.1	-1.1	-0.7
Parts for manual and automatic transmissions, new	1412-050313	12/11	103.8	103.8	103.6	-0.4	-0.2
Motor vehicle axles and axle parts, new	1412-050314	12/11	101.0	101.0	101.0	–	0.0
Other motor vehicle drive train components, except wheels and brakes, new	1412-050315	12/11	98.4	98.1	98.1	-1.3	0.0
Motor vehicle drive train components, rebuilt	1412-05033	12/11	110.3	110.3	110.3	4.6	0.0
Motor vehicle brake systems	1412-0504	12/03	110.0	109.4	109.6	-0.9	0.2
Motor vehicle brake parts and assemblies, new	1412-05041	12/11	99.9	99.3	99.6	-0.9	0.3
Motor vehicle drum brake assemblies and parts, new	1412-05041A	12/11	103.0	100.5	103.1	-1.2	2.6
Other motor vehicle brake parts and assemblies, new	1412-05041B	12/11	96.6	96.3	95.6	-1.6	-0.7
Motor vehicle disc brake assemblies and parts, new	1412-05041C	12/11	101.6	101.6	101.6	-0.2	0.0
Filters for internal combustion engines and motor vehicles	1412-0505	12/03	121.4	121.4	121.4	0.7	0.0
Exhaust systems	1412-0506	12/03	115.4	113.0	112.9	-5.7	-0.1
Other motor vehicle parts	1412-0508	12/03	109.3	109.4	109.3	-0.4	-0.1
Vehicle seating and interior trim	1412-0511	06/04	104.7	104.8	104.8	0.5	0.0
Carburetors, pistons, piston rings, and valves	1412-0513		171.2	171.5	171.4	-0.4	-0.1
Motor vehicle electrical and electronic equipment	1412-0514		124.6	124.5	124.4	-0.9	-0.1
Vehicular lighting equipment	1412-05141		145.7	145.9	146.0	-0.2	0.1
Other motor vehicle electrical and electronic equipment	1412-05142		124.3	124.2	124.0	-1.1	-0.2
Ignition wiring harness and cable sets	1412-051421	12/82	125.9	125.9	125.6	–	-0.2
Battery charging alternators, generators, and regulators	1412-051422	06/00	96.1	96.4	96.4	-2.5	0.0
Parts for electrical and electronic engine equipment	1412-051424	06/00	87.8	87.8	87.8	0.7	0.0
All other miscellaneous non-engine electrical and electronic equipment	1412-051425	12/03	102.4	101.7	101.7	-0.7	0.0
All other miscellaneous complete engine electrical equipment, including spark plugs	1412-051426	06/00	97.6	98.2	97.8	-2.3	-0.4
Truck and bus bodies	1413	12/82	237.0	237.1	238.0	1.0	0.4
Truck and bus bodies sold separately	1413-01	12/82	234.0	234.1	234.8	0.6	0.3
Van bodies, sold separately	1413-0141	12/08	105.2	105.2	105.8	1.9	0.6
Van bodies, walk-in, sold separately	1413-01411	09/15	100.7	100.7	100.7	–	0.0
Van bodies, separate cab, sold separately	1413-01412	09/15	102.0	102.0	103.1	–	1.1
Other truck and vehicle bodies, sold separately	1413-015	12/08	108.4	108.5	108.9	0.7	0.4
Dump truck bodies, sold separately	1413-0151	12/08	106.2	106.4	107.2	0.3	0.8
All other truck and vehicle bodies, sold separately	1413-0152	12/08	108.7	108.8	109.1	0.9	0.3
Service truck bodies, sold separately	1413-0153	09/15	100.2	100.2	100.2	–	0.0
Complete vehicles on purchased chassis	1413-02	12/82	239.5	239.5	240.7	1.5	0.5
Buses and firefighting vehicles, complete, produced on purchased chassis	1413-027	12/08	114.0	114.0	114.6	2.5	0.5
Buses and firefighting vehicles, complete, produced on purchased chassis	1413-0275	12/08	114.0	114.0	114.6	2.5	0.5
Other trucks and vehicles, complete, produced on purchased chassis	1413-029	12/08	111.7	111.8	112.2	0.6	0.4
Other trucks and vehicles, complete, produced on purchased chassis, except upfitting trucks	1413-0294	09/15	100.1	100.1	100.7	–	0.6
Upfitting trucks, complete, produced on purchased chassis	1413-0299	09/15	100.3	100.3	100.3	–	0.0
Truck trailers	1414		202.7	200.6	201.9	0.0	0.6

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Truck trailers	1414-06	12/86	196.5	194.5	195.7	-0.1	0.6
Truck trailers and chassis, axle rating 10,000 lb or more	1414-0602	12/86	196.4	194.2	195.2	-0.3	0.5
Truck trailers and chassis, axle rating less than 10,000 lb	1414-0603	12/11	106.9	–	109.2	2.2	–
Motor homes, built on purchased chassis	1415	06/84	180.8	182.1	182.0	1.8	-0.1
Motor homes, built on purchased chassis	1415-01	06/84	180.8	182.1	182.0	1.8	-0.1
Motor homes, built on purchased chassis	1415-0101	06/84	180.8	182.1	182.0	1.8	-0.1
Travel trailers and campers	1416	06/84	195.4	195.8	195.7	1.4	-0.1
Travel trailers	1416-01	06/84	186.1	186.4	186.4	1.0	0.0
Travel trailers	1416-0101	06/84	186.1	186.4	186.4	1.0	0.0
Conventional travel trailers	1416-01016	12/11	108.0	–	108.2	0.4	–
Fifth wheel travel trailers	1416-01017	12/11	117.6	117.9	117.8	2.0	-0.1
Camping trailers, campers, pick-up covers, and parts	1416-02	06/84	224.1	224.5	224.5	3.3	0.0
Camping trailers, campers, pick-up covers, and parts	1416-0201	06/84	224.1	224.5	224.5	3.3	0.0
Truck campers, caps, box covers, and folddown camping trailers	1416-02014	06/14	105.5	105.7	105.7	2.3	0.0
Aircraft and aircraft equipment	142		266.8	267.4	267.5	0.9	0.0
Aircraft	1421		291.9	292.7	292.8	0.7	0.0
Civilian aircraft	1421-02	12/85	266.1	267.2	267.4	0.8	0.1
Civilian aircraft	1421-0206	12/03	144.1	144.7	144.8	0.8	0.1
Military aircraft	1421-04	06/13	101.8	101.8	101.8	0.5	0.0
Military aircraft	1421-0401	06/13	101.8	101.8	101.8	0.5	0.0
Aircraft engine and engine parts	1423	12/85	223.6	224.3	224.4	1.5	0.0
Aircraft engine and engine parts	1423-01	12/85	223.6	224.3	224.4	1.5	0.0
Aircraft engine and engine parts	1423-0101	12/85	223.6	224.3	224.4	1.5	0.0
Military aircraft engines	1423-01011	12/11	108.6	108.6	108.7	1.5	0.1
Civilian aircraft engines	1423-01013	12/11	108.7	108.7	108.9	1.5	0.2
Aeronautical services on aircraft engines	1423-01015	12/11	111.2	112.5	112.5	2.4	0.0
Aircraft engine parts and accessories	1423-01017	12/11	107.8	108.1	108.1	1.2	0.0
Parts and accessories for military aircraft engines	1423-010175	12/11	111.4	111.4	111.4	0.6	0.0
Parts and accessories for civilian aircraft engines	1423-010177	12/11	107.1	107.4	107.4	1.3	0.0
Other aircraft parts and equipment	1425	06/85	184.6	184.7	184.6	0.8	-0.1
Other aircraft parts and equipment	1425-01	06/85	184.6	184.7	184.6	0.8	-0.1
Aircraft propellers and helicopter rotors	1425-0102	06/08	138.5	138.6	138.6	2.7	0.0
Aircraft parts and auxiliary equipment	1425-0103	06/08	111.1	111.2	111.1	0.5	-0.1
Aircraft landing gear for civilian and military aircraft	1425-01032	06/08	139.2	139.5	139.5	4.0	0.0
Other aircraft subassemblies and parts for military aircraft	1425-01033	06/08	116.1	116.5	116.5	1.0	0.0
Other aircraft subassemblies and parts for civilian aircraft	1425-01034	06/08	104.1	104.0	103.8	-0.6	-0.2
Ships and boats	143		253.4	253.1	253.6	0.5	0.2
Ships	1431	12/85	224.7	223.7	223.8	-0.9	0.0
Military self-propelled ships, new construction	1431-02	06/96	145.3	144.3	144.3	-1.2	0.0
Military self-propelled ships, new construction	1431-0201	06/96	145.3	144.3	144.3	-1.2	0.0
Nonmilitary self-propelled ships, new construction	1431-03	06/96	227.8	227.8	227.8	0.1	0.0
Nonmilitary self-propelled ships, new construction	1431-0301	12/85	347.6	347.6	347.6	0.1	0.0
Nonpropelled ships, new construction	1431-04	06/96	144.2	144.2	144.9	-1.4	0.5
Nonpropelled ships, new construction	1431-0401	06/96	144.2	144.2	144.9	-1.4	0.5
Boats	1432		250.4	250.9	251.9	2.2	0.4
Outboard motorboats, including commercial and military (except sailboats and lifeboats)	1432-01		272.1	272.4	273.7	1.6	0.5
Outboard motorboats, wood or metal, incl. comm. and military (exc. sailboats and lifeboats)	1432-0107	06/11	116.4	116.5	116.9	0.5	0.3
Outboard motorboats, plastics/fiberglass, incl. comm. and mil. (exc. sailboats and lifeboats)	1432-0108	06/11	116.3	116.4	117.2	2.6	0.7
Inboard motorboats, including commercial and military (except sailboats and lifeboats)	1432-02		263.8	264.1	265.9	3.4	0.7
Inboard cabin cruisers, including commercial and military (except sailboats and lifeboats)	1432-0206	12/03	135.9	136.3	137.1	2.7	0.6
Other inboard motorboats, including commercial and military (except sailboats and lifeboats)	1432-0207	06/11	114.0	114.0	114.8	4.2	0.7
Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats)	1432-03		215.5	216.1	216.1	1.1	0.0
Inboard-outdrive boats, cabin cruisers, incl. comm. and military (exc. sailboats and lifeboats)	1432-0309	06/11	108.6	109.0	110.1	1.5	1.0
All other inboard-outdrive boats, incl. comm. and military (except sailboats and lifeboats)	1432-0310	12/03	124.1	124.4	124.1	1.0	-0.2
All other boats (excluding military and commercial)	1432-04		220.3	222.9	222.0	3.4	-0.4
All other boats (excluding military and commercial)	1432-0406	12/03	124.8	126.2	125.8	3.5	-0.3
Railroad equipment	144		203.3	203.5	203.5	0.9	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Locomotives, new and rebuilt, including parts	1441		177.2	–	–	–	–
Locomotives, new and rebuilt, including parts	1441-04	12/01	136.9	–	–	–	–
Locomotives, new and rebuilt, including parts	1441-0402	12/01	136.9	–	–	–	–
Railroad cars and car parts	1442		221.3	220.4	220.4	-0.3	0.0
Railway maintenance of way equipment & parts, railcar parts, & other railway vehicles	1442-03		175.2	175.0	175.1	-0.1	0.1
Air brake and other brake equipment	1442-0303	12/03	100.7	–	100.8	-1.8	–
Railway maintenance of way & all other railroad and streetcar equipment, parts and accessories	1442-0304	12/03	129.9	129.7	129.8	0.2	0.1
Railroad cars	1442-04	12/01	174.0	173.2	173.2	-0.3	0.0
Railroad cars	1442-0402	12/01	174.0	173.2	173.2	-0.3	0.0
Passenger and freight train cars, new (excluding parts)	1442-040201	06/09	116.6	115.9	115.9	-0.5	0.0
Street, subway, trolley, & rapid transit cars (new & rebuilt) & rebuilt passenger/freight cars	1442-040202	06/09	109.6	–	–	–	–
Transportation equipment, n.e.c.	149	06/85	159.8	159.7	160.1	0.6	0.3
Transportation equipment, n.e.c.	1491	06/85	159.8	159.7	160.1	0.6	0.3
Other transportation equipment, incl. golf carts, vehicle trailers, and all-terrain vehicles	1491-11	06/85	159.8	159.7	160.1	0.6	0.3
Self-propelled golf carts and industrial in-plant personnel carriers and parts	1491-1101	06/85	–	–	199.0	–	–
Automobile and light truck trailers	1491-1104	12/92	169.7	169.8	169.5	0.3	-0.2
All other miscellaneous transportation equipment, including all-terrain vehicles	1491-1105	06/85	136.0	–	136.6	0.4	–
All-terrain vehicles and parts	1491-11051	06/08	96.2	–	96.7	0.5	–
All other miscellaneous transportation equipment and parts	1491-11052	06/08	104.0	104.1	104.1	0.1	0.0
Miscellaneous products	15		250.6	252.6	252.9	2.0	0.1
Toys, sporting goods, small arms, etc.	151		161.6	161.7	161.7	1.5	0.0
Toys, games, and children's vehicles	1511		155.9	156.2	156.2	0.1	0.0
Toys, games, and children's vehicles	1511-01		155.9	156.2	156.2	0.1	0.0
Nonelectronic games and puzzles (excl. toys), and electronic toys (incl. parts)	1511-0152	06/85	–	145.7	145.7	0.0	0.0
Nonelectronic games and puzzles, including parts	1511-01521	12/07	–	116.3	116.3	0.2	0.0
Other nonelectronic toys, including parts	1511-0154	06/85	147.4	–	–	–	–
Models, science & craft kits/supply, & collectors' miniatures	1511-0155	06/85	207.1	209.2	209.2	2.9	0.0
Sporting and athletic goods	1512		141.2	141.2	141.2	2.2	0.0
Sporting and athletic goods	1512-01		141.2	141.2	141.2	2.2	0.0
Fishing tackle and equipment	1512-0103	12/85	214.4	214.4	214.4	-1.9	0.0
Golf equipment, excluding apparel and shoes	1512-0127	12/85	99.6	99.6	–	–	–
Bicycles, adult tricycles, unicycles and parts	1512-0182	12/84	130.1	130.1	130.1	0.4	0.0
Bicycles, adult tricycles, and unicycles	1512-01822	12/11	101.8	101.8	101.8	0.5	0.0
Parts for bicycles, adult tricycles, and unicycles	1512-01825	12/11	101.8	101.8	101.8	-0.1	0.0
Gymnasium and exercise equipment	1512-0192	12/98	125.4	125.4	125.4	5.4	0.0
Other sporting and athletic goods	1512-0193	12/85	138.2	138.2	138.2	1.8	0.0
Small arms and ammunition	1513		280.6	280.9	281.0	0.6	0.0
Small arms	1513-01		241.7	242.1	242.1	0.6	0.0
Rifles	1513-0127	06/13	102.7	102.7	102.7	-0.3	0.0
Single barrel shotguns, other small firearms n.e.c., and parts & attachments for small arms	1513-0128	06/13	98.7	98.7	98.7	-0.1	0.0
Pistols and revolvers	1513-0129	06/13	100.6	100.6	100.6	0.3	0.0
Small arms ammunition	1513-02		344.7	345.0	345.3	0.3	0.1
Small arms ammunition	1513-0281	06/02	239.2	239.4	239.7	0.3	0.1
Other small arms ammunition products	1513-03	06/85	237.1	236.2	236.0	2.1	-0.1
All other small arms ammunition products	1513-0308	06/02	165.5	162.5	162.3	0.7	-0.1
Tobacco products, incl. stemmed & redried	152		747.3	765.6	769.3	5.3	0.5
Cigarettes, including nontobacco	1521		911.4	935.2	940.7	5.7	0.6
Cigarettes, including nontobacco	1521-01		911.4	935.2	940.7	5.7	0.6
Cigarettes, including nontobacco	1521-0105	12/04	175.2	179.7	180.8	5.7	0.6
Stemmed and redried tobacco	1524	06/84	99.0	99.2	99.4	-6.3	0.2
Stemmed and redried tobacco	1524-02	06/84	97.6	97.9	98.1	-6.3	0.2
Stemmed and redried tobacco	1524-0208	06/99	107.1	107.4	107.6	-6.3	0.2
Tobacco, unstemmed leaf, redried before packing	1524-02081	12/11	96.2	96.6	96.9	0.2	0.3
Tobacco, stemmed	1524-02084	12/11	99.5	99.5	99.5	-19.0	0.0
Other tobacco products	1525	12/05	150.9	153.1	152.6	3.5	-0.3
Other tobacco products	1525-01	12/05	150.9	153.1	152.6	3.5	-0.3
Other tobacco products	1525-0101	12/05	150.9	153.1	152.6	3.5	-0.3
Cigars	1525-01011	12/11	116.8	117.0	117.0	0.3	0.0
Chewing and smoking tobacco	1525-01014	12/11	122.7	125.0	124.9	4.8	-0.1
Notions	153		199.8	200.6	200.2	0.0	-0.2

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Needles, pins, and fasteners	1532		206.9	208.1	207.6	0.1	-0.2
Needles, pins, and fasteners	1532-01		206.9	208.1	207.6	0.1	-0.2
Buckles, non-slide fasteners, needles, and pins	1532-0103	12/85	171.6	173.1	172.5	0.3	-0.3
Buttons, button blanks, and parts	1533-0121	12/11	96.6	–	96.6	0.0	–
Photographic equipment and supplies	154		128.6	128.1	127.6	-0.9	-0.4
Photographic and photocopying equipment	1541		84.7	85.4	84.7	0.0	-0.8
Photographic and photocopying equipment	1541-07	12/83	103.8	104.6	103.7	-0.1	-0.9
Photographic and photocopying equipment	1541-0701	12/83	103.8	104.6	103.7	-0.1	-0.9
Photographic supplies	1542		147.7	146.8	146.3	-1.0	-0.3
Photographic supplies	1542-06	12/83	145.0	144.2	143.7	-1.0	-0.3
Photographic supplies	1542-0601	12/83	145.0	144.2	143.7	-1.0	-0.3
Prepared photographic chemicals	1542-06011	12/07	101.1	99.1	99.0	-2.8	-0.1
Photographic sensitized film, plates, paper, and cloth	1542-06012	12/07	124.7	124.5	124.0	-0.5	-0.4
Mobile homes	155		271.6	272.3	272.7	1.1	0.1
Manufactured homes (mobile homes), all sizes (incl. multisection)	1553		278.5	279.3	279.7	1.1	0.1
Manufactured homes (mobile homes), all sizes (incl. multisection)	1553-03	12/86	260.9	261.7	262.0	1.1	0.1
Manufactured homes (mobile homes), all sizes (incl. multisection)	1553-0301	12/86	260.9	261.7	262.0	1.1	0.1
Medical, surgical & personal aid devices	156		177.1	177.2	177.2	0.5	0.0
Surgical and medical instruments	1562	06/82	140.4	141.5	141.1	1.6	-0.3
Surgical and medical instruments	1562-01	06/82	140.4	141.5	141.1	1.6	-0.3
Surgical and medical instruments	1562-0103	06/05	104.0	104.8	104.5	1.6	-0.3
Surgical and medical catheters	1562-01031	12/11	97.1	97.9	97.5	-1.3	-0.4
Orthopedic and surgical instruments	1562-01033	06/12	104.1	105.9	105.9	3.8	0.0
Surgical and medical syringes and hypodermic needles	1562-01035	06/12	98.9	98.8	98.8	-0.1	0.0
Surgical and medical blood transfusion and IV equipment, including blood donor kits	1562-01036	06/12	121.7	–	–	–	–
Other surgical and medical apparatus and instruments, excluding parts	1562-01037	06/12	97.4	97.8	97.8	0.0	0.0
Parts for surgical and medical apparatus and instruments	1562-01038	06/12	107.0	107.5	107.4	1.2	-0.1
Medical and surgical appliances and supplies	1563	06/83	203.1	201.3	202.3	-1.1	0.5
Medical and surgical appliances and supplies	1563-01	06/83	203.1	201.3	202.3	-1.1	0.5
Medical and surgical appliances and supplies	1563-0104	12/03	112.3	111.3	111.8	-1.1	0.4
Artificial joints and limbs	1563-01041	12/11	104.1	–	103.1	-3.0	–
Other orthopedic and prosthetic appliances	1563-01042	12/11	97.2	95.5	96.1	-3.8	0.6
All other surgical and medical items	1563-01044	12/11	101.8	101.7	101.8	0.5	0.1
Ophthalmic goods	1564	12/83	143.0	143.0	142.3	0.0	-0.5
Ophthalmic goods	1564-01	12/83	143.0	143.0	142.3	0.0	-0.5
Ophthalmic fronts, temples, and focal and contact lenses	1564-0107	12/11	102.3	101.1	101.0	-0.4	-0.1
Other ophthalmic goods and prescription ground eyeglass lenses	1564-0108	12/11	105.2	107.6	106.3	0.8	-1.2
Dental equipment and supplies	1565	06/85	303.5	303.2	303.3	1.1	0.0
Dental equipment and supplies	1565-01	06/85	303.5	303.2	303.3	1.1	0.0
Dental equipment and supplies	1565-0107	12/05	155.2	155.1	155.1	1.1	0.0
Professional dental equipment and supplies	1565-01071	12/07	132.2	132.2	132.2	1.5	0.0
Professional dental equipment	1565-010711	12/07	123.6	123.6	123.6	1.6	0.0
Professional dental supplies	1565-010712	12/07	137.1	137.0	137.1	1.6	0.1
Dental laboratory equipment and supplies	1565-01072	12/07	157.6	157.3	157.3	-0.5	0.0
Other industrial safety equipment	157		264.4	264.4	264.4	1.8	0.0
Personal safety equipment and clothing	1571		264.4	264.4	264.4	1.8	0.0
Personal safety equipment and clothing	1571-08	06/04	123.8	123.8	123.8	1.8	0.0
Personal safety equipment and clothing	1571-0802	06/04	123.8	123.8	123.8	1.8	0.0
Other miscellaneous products	159		176.7	178.2	178.1	1.4	-0.1
Burial caskets	1591		362.5	362.5	362.5	3.3	0.0
Burial caskets	1591-01		362.5	362.5	362.5	3.3	0.0
Burial caskets	1591-0109	12/04	166.1	166.1	166.1	3.3	0.0
Metal burial caskets & coffins, completely lined & trimmed, adult sizes	1591-01091	12/11	115.8	115.8	115.8	3.7	0.0
Wood burial caskets & coffins, completely lined & trimmed, adult sizes	1591-01093	12/11	118.3	118.3	118.3	3.6	0.0
Other burial caskets & coffins, including burial boxes and vaults (except concrete and stone)	1591-01095	12/11	108.7	108.7	108.7	1.4	0.0
Musical instruments	1593		230.0	231.0	231.4	1.8	0.2
Musical instruments	1593-01		230.0	231.0	231.4	1.8	0.2
Nonelectronic pianos, organs, and nonelectronic piano and organ parts, excluding benches	1593-0113	12/09	128.0	128.2	129.3	3.4	0.9
Other musical instruments and parts	1593-0117	06/85	216.3	217.4	217.3	1.4	0.0
Other electronic musical instruments, excluding electronic organs	1593-01171	12/09	111.2	113.5	–	–	–
Other nonelectronic musical instruments	1593-01172	12/09	112.6	112.6	112.6	0.9	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Other musical instrument parts & accessories, sold separately, excl. benches & instrument cases	1593-01173	12/09	114.4	115.1	115.1	1.9	0.0
Jewelry and jewelry products	1594		204.9	208.1	209.9	6.2	0.9
Jewelry, gold and platinum	1594-02		223.6	227.0	228.0	5.3	0.4
Jewelry, gold and platinum	1594-0222	12/11	94.4	95.9	96.3	5.2	0.4
Costume jewelry and novelties	1594-04		179.6	179.6	179.6	1.5	0.0
Costume jewelry and novelties	1594-0415	12/03	123.5	123.5	123.5	1.6	0.0
Other jewelry and personal goods (excluding costume)	1594-07	06/07	120.4	121.7	122.1	6.3	0.3
Other jewelry and personal goods (excluding costume)	1594-0714	06/07	120.4	121.7	122.1	6.3	0.3
Jewelers' material and lapidary work	1594-08	12/08	139.8	143.7	148.0	12.0	3.0
Pens, pencils, and marking devices	1595		183.6	184.8	184.7	1.7	-0.1
Pens, markers, mechanical pencils, and associated parts	1595-02	12/85	183.1	185.5	185.5	2.2	0.0
Pens, markers, mechanical pencils, and associated parts	1595-0210	12/85	183.1	185.5	185.5	2.2	0.0
Lead pencils, art goods, office supplies and small office equipment, excluding paper	1595-03	12/85	165.7	166.0	166.0	1.6	0.0
Lead pencils, art goods, office supplies and small office equipment, excluding paper	1595-0307	12/85	165.7	166.0	166.0	1.6	0.0
Marking devices	1595-04	12/85	166.6	167.4	167.4	1.0	0.0
Marking devices	1595-0406	12/05	116.8	117.3	117.3	0.9	0.0
Watches, clocks, watchcases, and parts	1596		154.0	154.0	154.0	0.9	0.0
Watches, clocks, watchcases, and parts	1596-03	06/01	126.4	126.4	126.4	0.9	0.0
Watches, clocks, watchcases, and parts	1596-0313	06/04	118.5	118.5	118.5	0.9	0.0
Brooms and brushes	1597		191.8	191.4	191.8	0.1	0.2
Brooms, brushes and mops	1597-05	12/85	183.7	183.2	183.7	0.1	0.3
Brooms, mops, and dusters	1597-0501	12/85	200.4	200.4	200.4	0.2	0.0
Brooms	1597-05011	12/11	109.5	109.5	109.5	0.6	0.0
Mops and dusters, including refills	1597-05012	12/11	105.2	–	–	–	–
Paint and varnish brushes and rollers	1597-0502	12/85	154.8	154.8	154.8	0.0	0.0
Paint and varnish brushes	1597-05021	12/11	100.6	100.6	100.6	0.0	0.0
Other brushes, excl. paint and varnish brushes	1597-0503	12/85	195.1	193.9	195.1	0.0	0.6
Personal brushes	1597-05031	12/11	103.6	101.8	103.1	-0.5	1.3
Brushes, other than personal	1597-05032	12/11	106.4	106.5	106.7	0.3	0.2
Miscellaneous products, n.e.c.	159A	12/85	164.1	165.3	164.4	-1.0	-0.5
Candles	159A-01	12/85	185.5	185.5	185.5	1.3	0.0
Candles	159A-0101	12/85	185.5	185.5	185.5	1.3	0.0
Signs and advertising displays	159A-04	12/85	163.6	164.7	164.4	-0.4	-0.2
Non-electric signs and displays	159A-0402	12/85	182.3	182.5	182.5	0.3	0.0
Electric signs and displays	159A-0404	12/85	156.1	158.4	157.7	-1.3	-0.4
Other miscellaneous fabricated products and recyclable materials, n.e.c.	159A-09	12/85	163.6	165.5	163.3	-2.1	-1.3
Other miscellaneous fabricated products	159A-0901	12/85	162.2	162.3	162.2	-0.2	-0.1
Other recyclable materials	159A-0904	12/11	82.3	90.5	80.7	-15.8	-10.8
Prerecorded audio and video media reproduction	159C	12/03	92.6	92.6	92.6	0.0	0.0
Prerecorded audio and video media reproduction	159C-01	12/03	92.6	92.6	92.6	0.0	0.0
Reproduction of audio discs and video media	159C-0101	12/03	93.4	93.4	93.4	0.0	0.0
Audio discs, full-length (including CDs and vinyl records)	159C-01011	12/10	104.5	104.5	104.5	0.0	0.0
Reproduction of video recording media	159C-01012	12/10	98.2	98.2	98.2	0.0	0.0
All other reproduction of audio recording media, including cassettes	159C-0106	12/03	90.6	–	90.6	0.0	–
Services[2]							
Transportation services	30	06/09	120.4	119.7	119.9	-2.0	0.2
Transportation of freight and mail	301	06/09	120.3	119.9	120.0	-1.6	0.1
Rail transportation of freight and mail	3011	12/08	112.2	113.3	113.9	-2.2	0.5
Rail transportation of freight and mail	3011-01	12/08	112.2	113.3	113.9	-2.2	0.5
Rail transportation of freight and mail	3011-0101	12/08	112.2	113.3	113.9	-2.2	0.5
Truck transportation of freight	3012	06/09	111.9	111.7	111.7	-1.9	0.0
Local motor carrying	3012-01	06/09	105.9	106.7	106.3	-1.5	-0.4
Local motor carrying	3012-0101	06/09	105.9	106.7	106.3	-1.5	-0.4
Long-distance motor carrying	3012-02	06/09	114.4	113.9	114.0	-2.1	0.1
Long-distance motor carrying	3012-0201	06/09	114.4	113.9	114.0	-2.1	0.1
Water transportation of freight	3013	06/09	114.1	116.3	114.6	-6.0	-1.5
Deep sea water transportation of freight	3013-01	12/08	91.9	92.3	91.4	-8.6	-1.0
Deep sea water transportation of freight	3013-0101	12/08	91.9	92.3	91.4	-8.6	-1.0
Coastal and intercoastal water transportation of freight	3013-02	12/08	114.2	118.3	112.7	-6.8	-4.7
Coastal and intercoastal water transportation of freight	3013-0201	12/08	114.2	118.3	112.7	-6.8	-4.7
Great Lakes-St Lawrence Seaway water transportation of freight	3013-03	12/08	–	116.9	117.5	-3.6	0.5
Great lakes-St Lawrence Seaway water transportation of freight	3013-0301	12/08	–	116.9	117.5	-3.6	0.5

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Inland waterways transportation of freight	3013-04	12/08	93.4	95.2	97.0	-0.7	1.9
Inland waterways transportation of freight	3013-0401	12/08	93.4	95.2	97.0	-0.7	1.9
Air transportation of freight	3014	12/08	111.9	112.0	111.9	1.2	-0.1
Air transportation of freight	3014-01	12/08	111.9	112.0	111.9	1.2	-0.1
Air transportation of freight, domestic	3014-0102	01/16	99.5	98.1	99.1	–	1.0
Air transportation of freight, international	3014-0103	01/16	94.3	95.6	94.7	–	-0.9
Pipeline transportation (partial)	3015	06/09	157.9	158.9	157.8	0.1	-0.7
Pipeline transportation of petroleum products	3015-01	12/08	153.4	154.3	153.3	0.1	-0.6
Pipeline transportation of crude petroleum	3015-0101	12/08	168.2	170.0	168.3	0.1	-1.0
Pipeline transportation of refined petroleum products	3015-0102	12/08	138.0	138.2	137.7	0.1	-0.4
Courier, messenger, and U.S. postal services	3016	06/09	132.8	131.1	131.5	-0.5	0.3
U.S. Postal Service	3016-01	06/89	221.0	213.3	213.3	-2.3	0.0
Mailing services (market dominant services)	3016-0107	12/12	111.2	106.7	106.7	-4.0	0.0
First class mail	3016-01071	06/89	199.5	191.4	191.4	-4.1	0.0
Periodicals mail	3016-01072	06/89	258.4	247.3	247.3	-4.3	0.0
Standard class mail	3016-01073	06/89	250.6	240.7	240.7	-4.0	0.0
Package services mail	3016-01074	06/89	253.7	243.0	243.0	-4.2	0.0
Special services and fees	3016-01075	06/89	267.7	257.5	257.5	-3.8	0.0
Shipping services (competitive services)	3016-0108	12/12	124.2	124.2	124.2	9.9	0.0
Courier and messenger services, except air	3016-02	04/09	145.6	145.7	146.3	0.6	0.4
Courier and messenger services, except air	3016-0201	04/09	145.6	145.7	146.3	0.6	0.4
Air mail and package delivery services, excluding by USPS	3016-03	04/09	147.0	148.4	149.6	1.5	0.8
Air mail and package delivery services, excluding by USPS	3016-0301	04/09	147.0	148.4	149.6	1.5	0.8
Transportation of passengers (partial)	302	06/09	122.0	120.1	120.2	-3.8	0.1
Rail transportation of passengers	3021	12/08	116.8	116.8	116.8	1.7	0.0
Rail transportation of passengers	3021-01	12/08	116.8	116.8	116.8	1.7	0.0
Rail transportation of passengers	3021-0101	12/08	116.8	116.8	116.8	1.7	0.0
Airline passenger services	3022	12/08	112.5	110.6	110.8	-3.9	0.2
Airline passenger services	3022-01	12/08	112.5	110.6	110.8	-3.9	0.2
Airline passenger services, domestic	3022-0101	12/08	117.9	115.7	114.9	-3.5	-0.7
Airline passenger services, international	3022-0102	12/08	92.8	92.4	96.0	-5.5	3.9
Services related to transportation activities	31	06/09	109.1	109.0	109.3	-1.2	0.3
Services related to water transportation	311	06/09	114.5	113.9	114.1	0.6	0.2
Towing, tugging, docking, and related services	3111	03/09	110.1	108.1	109.4	-0.7	1.2
Towing, tugging, docking and related services	3111-01	03/09	110.1	108.1	109.4	-0.7	1.2
Towing, tugging, docking and related services	3111-0101	03/09	110.1	108.1	109.4	-0.7	1.2
Operation of port waterfront terminals	3112	12/08	134.4	134.4	136.2	2.3	1.3
Operation of port waterfront terminals	3112-01	12/08	134.4	134.4	136.2	2.3	1.3
Operation of port waterfront terminals	3112-0101	12/08	134.4	134.4	136.2	2.3	1.3
Marine cargo handling	3113	12/08	112.5	113.2	111.9	1.3	-1.1
Marine cargo handling	3113-01	12/08	112.5	113.2	111.9	1.3	-1.1
Marine cargo handling	3113-0101	12/08	112.5	113.2	111.9	1.3	-1.1
Services related to air transportation	312	04/09	114.6	114.5	115.5	-0.9	0.9
Other airport operations, excluding aircraft maintenance and repair	3121	04/09	114.6	114.5	115.5	-0.9	0.9
Other airport operations, excluding aircraft maintenance and repair	3121-01	04/09	114.6	114.5	115.5	-0.9	0.9
Other airport operations, excluding aircraft maintenance and repair	3121-0101	04/09	114.6	114.5	115.5	-0.9	0.9
Other services related to transportation activities (partial)	313	06/09	104.9	105.0	105.0	-1.8	0.0
Arrangement of freight and cargo	3131	12/08	102.8	102.9	102.9	-1.8	0.0
Arrangement of freight and cargo	3131-01	12/08	102.8	102.9	102.9	-1.8	0.0
Arrangement of freight and cargo	3131-0101	12/08	102.8	102.9	102.9	-1.8	0.0
Freight forwarding	3132	12/08	96.7	96.7	96.7	-1.6	0.0
Freight forwarding	3132-01	12/08	96.7	96.7	96.7	-1.6	0.0
Freight forwarding	3132-0101	12/08	96.7	96.7	96.7	-1.6	0.0
Warehousing, storage, and related services	32	12/08	99.9	100.4	100.4	1.5	0.0
Warehousing, storage, and related services	321	12/08	99.9	100.4	100.4	1.5	0.0
Warehousing, storage, and related services	3211	12/08	99.9	100.4	100.4	1.5	0.0
Warehousing, storage, and related services	3211-01	12/08	99.9	100.4	100.4	1.5	0.0
Warehousing, storage, and related services	3211-0101	12/08	99.9	100.4	100.4	1.5	0.0
Publishing sales, excluding software	33	06/09	113.7	113.4	113.6	1.3	0.2
Book, periodical, and newspaper publishing sales and subscriptions	331	06/09	116.0	115.6	115.9	1.8	0.3
Sales of books	3311		371.5	370.1	371.2	1.5	0.3

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Sales of textbooks	3311-01		674.7	670.4	670.4	1.1	0.0
Sales of textbooks	3311-0101	06/88	430.9	428.2	428.2	1.2	0.0
Sales of technical, scientific, and professional books	3311-02		455.4	456.1	456.1	3.4	0.0
Sales of technical, scientific, and professional books	3311-0201	06/88	355.7	356.2	356.2	3.3	0.0
Sales of religious books	3311-03		209.0	208.1	206.2	0.5	-0.9
Sales of religious books	3311-0301	06/88	158.6	158.0	156.5	0.5	-0.9
Sales of general adult and juvenile books	3311-04		198.5	195.6	196.8	-3.8	0.6
Sales of general adult and juvenile books	3311-0402		198.5	195.6	196.8	-3.8	0.6
Sales of general reference books	3311-05		155.1	156.1	155.4	3.7	-0.4
Sales of general reference books	3311-0501	06/88	132.0	132.9	132.3	3.7	-0.5
Sales of digital books	3311-06	09/15	104.8	105.3	106.2	–	0.9
Sales of digital books	3311-0601	09/15	104.8	105.3	106.2	–	0.9
Sales and subscriptions of periodicals and newspapers	3312	06/09	111.7	111.4	111.6	2.0	0.2
Sales and subscriptions of periodicals	3312-01	06/07	107.6	107.2	107.2	0.4	0.0
Sales and subscriptions of periodicals	3312-0101	06/07	107.6	107.2	107.2	0.4	0.0
Newspaper subscription and single copy sales	3312-02		344.2	344.2	345.7	4.6	0.4
Newspaper subscriptions, print and online bundled	3312-0203	09/15	101.1	104.9	103.3	–	-1.5
Newspaper subscriptions, print only	3312-0204	09/15	104.7	104.4	105.0	–	0.6
Directory, mailing list, and related compilations publishing sales	332	12/08	104.9	105.4	105.2	1.2	-0.2
Directory, mailing list, and related compilations publishing sales	3321	12/08	104.9	105.4	105.2	1.2	-0.2
Directory, mailing list, and related compilations publishing sales	3321-01	12/08	104.9	105.4	105.2	1.2	-0.2
Directory, mailing list, and related compilations publishing sales	3321-0101	12/08	104.9	105.4	105.2	1.2	-0.2
Greeting card publishing sales	333	12/85	214.7	216.4	215.7	0.5	-0.3
Greeting card publishing sales	3331	12/85	214.7	216.4	215.7	0.5	-0.3
Greeting card publishing sales	3331-01	12/85	214.7	216.4	215.7	0.5	-0.3
Greeting card publishing sales	3331-0101	12/85	214.7	216.4	215.7	0.5	-0.3
Calendars, yearbooks, and other miscellaneous publishing sales	334	12/89	202.8	202.6	202.6	-0.8	0.0
Calendars, yearbooks, and other miscellaneous publishing sales	3341	12/89	202.8	202.6	202.6	-0.8	0.0
Calendars, yearbooks, and other miscellaneous publishing sales	3341-01	12/89	202.8	202.6	202.6	-0.8	0.0
Calendars, yearbooks, and other miscellaneous publishing sales	3341-0101	12/89	202.8	202.6	202.6	-0.8	0.0
Internet publishing and broadcasting subscription, content access, and licensing sales	335	12/09	111.8	111.1	111.7	0.6	0.5
Internet publishing and broadcasting subscription, content access, and licensing sales	3351	12/09	111.8	111.1	111.7	0.6	0.5
Internet publishing and broadcasting subscription, content access, and licensing sales	3351-01	12/09	111.8	111.1	111.7	0.6	0.5
Internet publishing and broadcasting subscription, content access, and licensing sales	3351-0101	12/09	111.8	111.1	111.7	0.6	0.5
Software publishing	34	06/09	90.2	90.1	89.3	0.3	-0.9
Application software publishing	342	06/09	98.6	98.3	97.7	0.1	-0.6
Application software publishing	3421	06/09	98.6	98.3	97.7	0.1	-0.6
Desktop and portable device application software publishing	3421-01	12/08	96.5	97.9	95.9	-2.5	-2.0
Desktop and portable device application software publishing	3421-0101	12/08	96.5	97.9	95.9	-2.5	-2.0
Application software publishing, cross-industry, vertical market, utilities, and other	3421-03	12/08	106.2	104.1	104.7	0.6	0.6
Application software publishing, cross-industry, vertical market, utilities, and other	3421-0301	12/08	106.2	104.1	104.7	0.6	0.6
Application software publishing, game software	3421-04	12/13	87.3	92.0	88.1	5.8	-4.2
Application software publishing, game software	3421-0401	12/13	87.3	92.0	88.1	5.8	-4.2
Network compensation from broadcast and cable television and radio	35	06/09	123.2	123.4	123.4	2.3	0.0
Affiliate agreements, programming sales, and retransmission fees for cable and broadcast tv	351	06/09	123.7	123.9	123.9	2.4	0.0
Affiliate agreements, programming sales, and retransmission fees for cable and broadcast tv	3511	06/09	123.7	123.9	123.9	2.4	0.0
Affiliate agreements, programming sales, and retransmission fees for cable and broadcast tv	3511-01	12/08	126.0	126.2	126.2	2.4	0.0
Affiliate agreements, programming sales, and retransmission fees for cable and broadcast tv	3511-0101	12/08	126.0	126.2	126.2	2.4	0.0
Affiliate agreements, programming sales, and retransmission fees for radio	352	06/09	98.0	98.0	98.0	0.0	0.0
Affiliate agreements, programming sales, and retransmission fees for radio	3521	06/09	98.0	98.0	98.0	0.0	0.0
Affiliate agreements, programming sales, and retransmission fees for radio	3521-01	12/08	97.8	97.8	97.8	0.0	0.0
Affiliate agreements, programming sales, and retransmission fees for radio	3521-0101	12/08	97.8	97.8	97.8	0.0	0.0
Advertising space and time sales	36	06/09	103.7	104.0	103.5	0.2	-0.5
Advertising space sales in periodicals, newspapers, directories, and mailing lists	361	06/09	106.3	106.1	106.0	-0.3	-0.1

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Advertising space sales in periodicals and newspapers	3611	06/09	105.9	105.6	105.4	-0.6	-0.2
Advertising space sales in periodicals	3611-01		435.3	436.6	436.2	0.8	-0.1
Advertising space sales in specialized, business, and professional periodicals	3611-0101	06/99	153.2	155.4	156.6	-0.7	0.8
Advertising space sales in general and consumer periodicals	3611-0102	06/99	176.9	177.2	176.9	1.0	-0.2
Advertising space sales in newspapers	3611-02		403.7	400.9	400.2	-1.4	-0.2
Advertising space sales in newspapers, print only	3611-0203	09/15	98.9	98.4	98.1	–	-0.3
Advertising space sales in newspapers, digital only and print and digital bundled	3611-0204	09/15	103.2	101.0	101.7	–	0.7
Advertising space sales in directories and mailing lists	3612	12/08	109.5	109.6	109.6	0.4	0.0
Advertising space sales in directories and mailing lists	3612-01	12/08	109.5	109.6	109.6	0.4	0.0
Advertising space sales in directories and mailing lists	3612-0101	12/08	109.5	109.6	109.6	0.4	0.0
Television advertising time sales	362	06/09	109.1	110.4	109.8	0.4	-0.5
Television advertising time sales	3621	06/09	109.1	110.4	109.8	0.4	-0.5
Broadcast and network television advertising time sales	3621-01	12/08	93.4	96.0	96.2	4.7	0.2
Broadcast and network television advertising time sales	3621-0101	12/08	93.4	96.0	96.2	4.7	0.2
Cable network advertising time sales	3621-02	12/08	113.5	113.1	111.4	-4.0	-1.5
Cable network advertising time sales	3621-0201	12/08	113.5	113.1	111.4	-4.0	-1.5
Local cable system advertising time sales	3621-03	12/08	95.8	95.8	95.8	0.0	0.0
Local cable system advertising time sales	3621-0301	12/08	95.8	95.8	95.8	0.0	0.0
Radio advertising time sales	363	03/09	100.8	102.1	102.8	9.1	0.7
Radio advertising time sales	3631	03/09	100.8	102.1	102.8	9.1	0.7
Radio advertising time sales	3631-01	03/09	100.8	102.1	102.8	9.1	0.7
Radio advertising time sales	3631-0101	03/09	100.8	102.1	102.8	9.1	0.7
Internet advertising sales, excluding Internet advertising sold by print publishers	365	12/09	79.5	78.2	76.3	-4.3	-2.4
Internet advertising sales, excluding Internet advertising sold by print publishers	3651	12/09	79.5	78.2	76.3	-4.3	-2.4
Internet advertising sales, excluding Internet advertising sold by print publishers	3651-01	12/09	79.5	78.2	76.3	-4.3	-2.4
Internet PC advertising sales, excluding Internet advertising sold by print publishers	3651-0102	05/16	–	99.4	99.2	–	-0.2
Internet mobile advertising sales, excluding Internet advertising sold by print publishers	3651-0103	05/16	–	103.0	104.9	–	1.8
Telecommunication, cable, and internet user services	37	06/09	100.3	100.3	100.3	-0.2	0.0
Wired telephone services	371	06/09	110.8	110.8	111.2	1.7	0.4
Residential wired telephone services	3711	06/09	129.7	130.0	132.0	4.8	1.5
Local residential wired telephone service	3711-01	12/08	132.4	132.7	134.0	4.6	1.0
Local residential wired telephone service	3711-0101	12/08	132.4	132.7	134.0	4.6	1.0
Long distance residential wired telephone service	3711-02	03/09	127.4	127.8	131.7	5.6	3.1
Long distance residential wired telephone service	3711-0201	03/09	127.4	127.8	131.7	5.6	3.1
All-distance residential wired telephone service	3711-03	12/11	120.6	120.6	120.9	3.0	0.2
All-distance residential wired telephone service	3711-0301	12/11	120.6	120.6	120.9	3.0	0.2
Business wired telephone services	3712	06/09	96.8	96.8	96.2	-0.2	-0.6
Local business wired telephone service	3712-01	12/08	105.7	106.0	106.3	-0.4	0.3
Local business wired telephone service	3712-0101	12/08	105.7	106.0	106.3	-0.4	0.3
Long distance business wired telephone service	3712-02	04/09	85.0	84.2	84.1	3.1	-0.1
Private line wired telephone service	3712-04	12/11	99.2	99.2	98.1	-1.1	-1.1
Private line wired telephone service	3712-0401	12/11	99.2	99.2	98.1	-1.1	-1.1
Other wired telephone services	3713	12/08	102.6	102.4	102.4	-0.1	0.0
Other wired telephone services	3713-01	12/08	102.6	102.4	102.4	-0.1	0.0
Wireless telecommunication services	372	06/09	74.3	74.0	73.5	-7.5	-0.7
Cellular phone and other wireless telecommunication services	3721	03/09	72.6	72.3	71.8	-7.5	-0.7
Cellular phone and other wireless telecommunication services	3721-01	03/09	72.6	72.3	71.8	-7.5	-0.7
Cellular phone and other wireless telecommunication services	3721-0101	03/09	72.6	72.3	71.8	-7.5	-0.7
Cable and satellite subscriber services	373	12/08	118.0	118.6	118.6	5.0	0.0
Cable and satellite subscriber services	3731	12/08	118.0	118.6	118.6	5.0	0.0
Cable and satellite subscriber services	3731-01	12/08	118.0	118.6	118.6	5.0	0.0
Cable and satellite subscriber services	3731-0101	12/08	118.0	118.6	118.6	5.0	0.0
Internet access services	374	03/09	97.7	97.9	97.9	-0.6	0.0
Internet access services	3741	03/09	97.7	97.9	97.9	-0.6	0.0
Residential Internet access services	3741-02	12/11	100.9	101.2	101.2	-0.8	0.0
Residential Internet access services	3741-0201	12/11	100.9	101.2	101.2	-0.8	0.0
Business Internet access services	3741-03	12/11	99.2	99.2	99.2	-0.5	0.0
Business Internet access services	3741-0301	12/11	99.2	99.2	99.2	-0.5	0.0
Bundled wired telecommunications access services	375	12/11	103.9	104.3	104.3	1.8	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Bundled wired telecommunications access services	3751	12/11	103.9	104.3	104.3	1.8	0.0
Bundled wired telecommunications access services	3751-01	12/11	103.9	104.3	104.3	1.8	0.0
Bundled wired telecommunications access services	3751-0101	12/11	103.9	104.3	104.3	1.8	0.0
Data processing and related services	38	06/09	100.4	100.8	100.6	-0.4	-0.2
Data processing and related services	381	06/09	100.4	100.8	100.6	-0.4	-0.2
Data processing and related services	3811	06/09	100.4	100.8	100.6	-0.4	-0.2
Hosting, ASP and other IT infrastructure provisioning services	3811-01	12/08	98.6	99.7	99.0	0.0	-0.7
Hosting, ASP and other IT infrastructure provisioning services	3811-0101	12/08	98.6	99.7	99.0	0.0	-0.7
Business process management services	3811-02	12/08	101.8	101.8	101.8	-1.1	0.0
Business process management services	3811-0201	12/08	101.8	101.8	101.8	-1.1	0.0
Data management, information transformation and other services	3811-03	12/08	99.3	99.4	99.3	0.0	-0.1
Data management, information transformation and other services	3811-0301	12/08	99.3	99.4	99.3	0.0	-0.1
Credit intermediation services (partial)	39	06/09	86.5	86.1	85.7	-2.1	-0.5
Loan services (partial)	391	06/09	130.5	130.1	128.1	-3.5	-1.5
Business loans (partial)	3911	04/09	189.5	190.1	185.9	-3.1	-2.2
Business loans (partial)	3911-01	04/09	189.5	190.1	185.9	-3.1	-2.2
Business loans (partial)	3911-0101	04/09	189.5	190.1	185.9	-3.1	-2.2
Consumer loans (partial)	3912	06/09	113.9	112.7	111.6	-4.5	-1.0
Residential real estate loans (partial)	3912-01	04/09	141.5	139.5	138.4	-4.8	-0.8
Residential real estate loans, except home equity (partial)	3912-0101	04/09	128.0	126.1	125.6	-6.1	-0.4
Home equity loans (partial)	3912-0102	04/09	276.5	273.0	267.0	0.0	-2.2
Vehicle loans (partial)	3912-02	04/09	56.4	58.0	56.1	-5.1	-3.3
Vehicle loans (partial)	3912-0201	04/09	56.4	58.0	56.1	-5.1	-3.3
Credit cards, overdraft credit, and related plans (partial)	3912-03	04/09	145.6	144.4	143.4	1.6	-0.7
Credit cards, overdraft credit, and related plans (partial)	3912-0301	04/09	145.6	144.4	143.4	1.6	-0.7
Other loans and loan services (partial)	3913	04/09	92.2	92.1	91.9	-1.7	-0.2
Other loans and loan services (partial)	3913-01	04/09	92.2	92.1	91.9	-1.7	-0.2
Other loans and loan services (partial)	3913-0101	04/09	92.2	92.1	91.9	-1.7	-0.2
Deposit services (partial)	392	04/09	61.8	61.3	62.4	1.3	1.8
Deposit services (partial)	3921	04/09	61.8	61.3	62.4	1.3	1.8
Deposit services (partial)	3921-01	04/09	61.8	61.3	62.4	1.3	1.8
Deposit services (partial)	3921-0101	04/09	61.8	61.3	62.4	1.3	1.8
Other credit intermediation services, including trust services (partial)	393	04/09	98.4	98.9	99.3	-1.2	0.4
Other credit intermediation services, including trust services (partial)	3931	04/09	98.4	98.9	99.3	-1.2	0.4
Other credit intermediation services, including trust services (partial)	3931-01	04/09	98.4	98.9	99.3	-1.2	0.4
Other credit intermediation services, including trust services (partial)	3931-0101	04/09	98.4	98.9	99.3	-1.2	0.4
Investment services	40	06/09	145.9	149.1	150.5	13.5	0.9
Securities brokerage, dealing, investment advice, and related services	401	06/09	128.9	130.4	132.9	25.5	1.9
Securities brokerage, dealing, investment advice, and related services	4011	06/09	128.9	130.4	132.9	25.5	1.9
Securities brokerage, dealing, and investment advice	4011-01	12/08	95.9	93.9	95.8	-3.1	2.0
Securities brokerage, dealing, and investment advice	4011-0101	12/08	95.9	93.9	95.8	-3.1	2.0
Securities brokerage and dealing related services	4011-02	12/08	196.4	205.5	209.1	77.7	1.8
Securities brokerage and dealing related services	4011-0201	12/08	196.4	205.5	209.1	77.7	1.8
Portfolio management	402	12/08	180.3	188.4	186.7	-0.4	-0.9
Portfolio management	4021	12/08	180.3	188.4	186.7	-0.4	-0.9
Portfolio management	4021-01	12/08	180.3	188.4	186.7	-0.4	-0.9
Portfolio management	4021-0101	12/08	180.3	188.4	186.7	-0.4	-0.9
Investment banking	403	12/08	141.9	142.0	144.9	-3.2	2.0
Investment banking	4031	12/08	141.9	142.0	144.9	-3.2	2.0
Investment banking	4031-01	12/08	141.9	142.0	144.9	-3.2	2.0
Investment banking	4031-0101	12/08	141.9	142.0	144.9	-3.2	2.0
Insurance and annuities	41	06/09	113.5	113.5	113.7	1.7	0.2
Insurance	411	06/09	114.1	114.3	114.5	1.8	0.2
Insurance	4111	06/09	114.1	114.3	114.5	1.8	0.2
Life insurance	4111-01	03/09	104.2	104.1	104.1	0.1	0.0
Life insurance	4111-0101	03/09	104.2	104.1	104.1	0.1	0.0
Disability insurance, including accidental death	4111-02	03/09	102.5	102.5	102.5	-1.4	0.0
Disability insurance, including accidental death	4111-0201	03/09	102.5	102.5	102.5	-1.4	0.0
Health and medical insurance	4111-03	03/09	119.6	119.6	119.7	2.0	0.1
Health and medical insurance	4111-0301	03/09	119.6	119.6	119.7	2.0	0.1
Property and casualty insurance	4111-04	03/09	114.5	114.8	115.2	2.2	0.3

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Property and casualty insurance	4111-0401	03/09	114.5	114.8	115.2	2.2	0.3
Annuities	412	03/09	112.3	111.9	112.1	1.4	0.2
Annuities	4121	03/09	112.3	111.9	112.1	1.4	0.2
Annuities	4121-01	03/09	112.3	111.9	112.1	1.4	0.2
Annuities	4121-0101	03/09	112.3	111.9	112.1	1.4	0.2
Commissions and fees from sales and administration of insurance policies (partial)	42	06/09	103.6	104.1	104.2	0.8	0.1
Commissions from sales of insurance	421	06/09	103.6	104.1	104.2	0.8	0.1
Commissions from sales of insurance	4211	06/09	103.6	104.1	104.2	0.8	0.1
Commissions from sales of life insurance and annuities	4211-01	06/09	102.4	102.4	102.4	-0.2	0.0
Commissions from sales of life insurance and annuities	4211-0101	06/09	102.4	102.4	102.4	-0.2	0.0
Commissions from sales of health and medical insurance	4211-02	06/09	103.0	102.7	102.7	0.4	0.0
Commissions from sales of health and medical insurance	4211-0201	06/09	103.0	102.7	102.7	0.4	0.0
Commissions from sales of property and casualty insurance	4211-03	06/09	104.7	105.6	105.7	1.2	0.1
Commissions from sales of property and casualty insurance	4211-0301	06/09	104.7	105.6	105.7	1.2	0.1
Commissions from sales of other insurance	4211-04	06/09	99.7	99.5	99.5	0.3	0.0
Commissions from sales of other insurance	4211-0401	06/09	99.7	99.5	99.5	0.3	0.0
Real estate services (partial)	43	06/09	113.4	114.5	114.4	2.4	-0.1
Nonresidential real estate services	431	06/09	110.1	110.5	110.4	1.5	-0.1
Nonresidential real estate rents	4311	06/09	110.0	110.2	110.1	1.7	-0.1
Office buildings, gross rents	4311-01	12/08	112.2	110.3	110.8	0.9	0.5
Office buildings, gross rents	4311-0101	12/08	112.2	110.3	110.8	0.9	0.5
Retail properties, gross rents	4311-02	04/09	108.8	109.5	108.9	0.8	-0.5
Retail properties, gross rents	4311-0201	04/09	108.8	109.5	108.9	0.8	-0.5
Industrial buildings, gross rents	4311-03	04/09	92.6	93.6	93.6	2.6	0.0
Industrial buildings, gross rents	4311-0301	04/09	92.6	93.6	93.6	2.6	0.0
Self-service storage and miniwarehouses, gross rents	4311-04	12/08	122.3	123.7	125.4	5.5	1.4
Self-service storage and miniwarehouses, gross rents	4311-0401	12/08	122.3	123.7	125.4	5.5	1.4
Other nonresidential buildings, gross rents	4311-05	12/08	99.3	107.6	103.9	5.8	-3.4
Other nonresidential buildings, gross rents	4311-0501	12/08	99.3	107.6	103.9	5.8	-3.4
Nonresidential property sales and leases including land, brokerage fees and commissions	4312	12/08	115.4	115.8	115.6	1.7	-0.2
Nonresidential property sales and leases including land, brokerage fees and commissions	4312-01	12/08	115.4	115.8	115.6	1.7	-0.2
Nonresidential property sales and leases including land, brokerage fees and commissions	4312-0101	12/08	115.4	115.8	115.6	1.7	-0.2
Nonresidential property management fees	4313	12/08	92.1	93.9	94.1	0.0	0.2
Nonresidential property management fees	4313-01	12/08	92.1	93.9	94.1	0.0	0.2
Nonresidential property management fees	4313-0101	12/08	92.1	93.9	94.1	0.0	0.2
Residential real estate services (partial)	432	06/09	117.5	119.6	119.6	3.9	0.0
Residential property sales and rental, brokerage fees and commissions	4321	12/08	119.8	121.6	121.5	3.5	-0.1
Residential property sales and rental, brokerage fees and commissions	4321-01	12/08	119.8	121.6	121.5	3.5	-0.1
Residential property sales and rental, brokerage fees and commissions	4321-0101	12/08	119.8	121.6	121.5	3.5	-0.1
Residential property management fees	4322	12/08	111.3	114.3	114.5	5.1	0.2
Residential property management fees	4322-01	12/08	111.3	114.3	114.5	5.1	0.2
Residential property management fees	4322-0101	12/08	111.3	114.3	114.5	5.1	0.2
Real estate appraisal fees	433	12/08	104.5	103.7	104.5	0.2	0.8
Real estate appraisal fees	4331	12/08	104.5	103.7	104.5	0.2	0.8
Real estate appraisal fees	4331-01	12/08	104.5	103.7	104.5	0.2	0.8
Real estate appraisal fees	4331-0101	12/08	104.5	103.7	104.5	0.2	0.8
Rental and leasing of goods (partial)	44	06/09	93.7	93.6	92.3	-6.8	-1.4
Passenger car rental	441	03/09	85.5	88.5	84.9	-12.3	-4.1
Passenger car rental	4411	03/09	85.5	88.5	84.9	-12.3	-4.1
Passenger car rental	4411-01	03/09	85.5	88.5	84.9	-12.3	-4.1
Passenger car rental	4411-0101	03/09	85.5	88.5	84.9	-12.3	-4.1
Truck, utility trailer, and RV rental and leasing	442	06/09	105.9	101.0	101.9	-4.3	0.9
Truck rental and leasing	4421	06/09	102.8	98.2	99.0	-4.3	0.8
Truck, truck trailer and bus rental	4421-01	12/08	113.5	101.8	103.6	-9.9	1.8
Truck, truck trailer and bus rental	4421-0101	12/08	113.5	101.8	103.6	-9.9	1.8
Truck, truck trailer and bus leasing	4421-02	12/08	103.2	103.2	103.4	0.2	0.2
Truck, truck trailer and bus leasing	4421-0201	12/08	103.2	103.2	103.4	0.2	0.2
Rental and leasing of RVs and cargo and utility trailers	4424	09/15	96.9	91.8	92.5	–	0.8

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Rental and leasing of RVs and cargo and utility trailers	4424-01	09/15	96.9	91.8	92.5	–	0.8
Rental and leasing of RVs and cargo and utility trailers	4424-0101	09/15	96.9	91.8	92.5	–	0.8
Construction, mining, and forestry machinery and equipment rental and leasing	443	03/09	98.1	97.3	97.7	-0.7	0.4
Construction, mining, and forestry machinery and equipment rental and leasing	4431	03/09	98.1	97.3	97.7	-0.7	0.4
Construction, mining, and forestry machinery and equipment rental and leasing	4431-01	03/09	98.1	97.3	97.7	-0.7	0.4
Construction, mining, and forestry machinery and equipment rental and leasing	4431-0101	03/09	98.1	97.3	97.7	-0.7	0.4
Professional services (partial)	45	06/09	113.0	113.4	113.5	1.5	0.1
Legal services	451	03/09	121.8	122.8	122.5	1.7	-0.2
Legal services	4511	03/09	121.8	122.8	122.5	1.7	-0.2
Legal services	4511-01	03/09	121.8	122.8	122.5	1.7	-0.2
Legal services	4511-0101	03/09	121.8	122.8	122.5	1.7	-0.2
Accounting services (partial)	452	06/09	105.2	104.5	106.0	2.0	1.4
Accounting services, excluding payroll	4521	06/09	105.2	104.5	106.0	2.0	1.4
Financial auditing	4521-01	12/08	97.4	97.7	98.1	-0.3	0.4
Financial auditing	4521-0101	12/08	97.4	97.7	98.1	-0.3	0.4
Tax preparation and planning	4521-02	04/09	112.5	110.5	111.4	2.3	0.8
Tax preparation and planning	4521-0201	04/09	112.5	110.5	111.4	2.3	0.8
Bookkeeping and compilation	4521-03	12/08	101.2	101.2	101.2	1.4	0.0
Bookkeeping and compilation	4521-0301	12/08	101.2	101.2	101.2	1.4	0.0
Other accounting services, including billing and review	4521-04	12/08	98.4	98.6	103.8	4.8	5.3
Other accounting services, including billing and review	4521-0401	12/08	98.4	98.6	103.8	4.8	5.3
Architectural and engineering services	453	06/09	109.8	110.1	110.1	1.8	0.0
Architectural services	4531	03/09	105.6	106.4	106.4	1.9	0.0
Architectural services	4531-01	03/09	105.6	106.4	106.4	1.9	0.0
Architectural services	4531-0101	03/09	105.6	106.4	106.4	1.9	0.0
Engineering services	4532	03/09	110.8	111.0	111.1	1.7	0.1
Engineering services	4532-01	03/09	110.8	111.0	111.1	1.7	0.1
Engineering services	4532-0101	03/09	110.8	111.0	111.1	1.7	0.1
Management, scientific, and technical consulting services	454	06/09	105.4	106.1	105.8	0.4	-0.3
Management consulting services	4541	06/09	105.4	106.1	105.8	0.4	-0.3
Administrative and general management consulting services	4541-01	12/08	110.1	110.4	110.6	1.6	0.2
Administrative and general management consulting services	4541-0101	12/08	110.1	110.4	110.6	1.6	0.2
Human resources consulting services	4541-02	12/08	100.3	100.8	101.1	0.6	0.3
Human resources consulting services	4541-0201	12/08	100.3	100.8	101.1	0.6	0.3
Marketing consulting services	4541-03	12/08	96.6	98.5	96.1	-3.4	-2.4
Marketing consulting services	4541-0301	12/08	96.6	98.5	96.1	-3.4	-2.4
Process, physical distribution, and logistics consulting services	4541-04	12/08	111.3	112.1	112.4	1.3	0.3
Process, physical distribution, and logistics consulting services	4541-0401	12/08	111.3	112.1	112.4	1.3	0.3
Other management consulting services	4541-05	12/08	90.6	91.4	91.5	-1.2	0.1
Other management consulting services	4541-0501	12/08	90.6	91.4	91.5	-1.2	0.1
Advertising and related services (partial)	455	12/08	107.5	107.5	107.7	1.0	0.2
Advertising agency services	4551	12/08	107.5	107.5	107.7	1.0	0.2
Advertising agency services	4551-01	12/08	107.5	107.5	107.7	1.0	0.2
Advertising agency services	4551-0101	12/08	107.5	107.5	107.7	1.0	0.2
Information technology (IT) technical support and consulting services (partial)	456	12/08	106.8	107.1	107.0	-0.5	-0.1
Information technology (IT) technical support and consulting services (partial)	4561	12/08	106.8	107.1	107.0	-0.5	-0.1
Information technology (IT) technical support and consulting services (partial)	4561-01	12/08	106.8	107.1	107.0	-0.5	-0.1
Information technology (IT) technical support and consulting services (partial)	4561-0101	12/08	106.8	107.1	107.0	-0.5	-0.1
Employment services	46	06/09	110.9	109.9	110.2	1.9	0.3
Permanent placement services	461	03/09	113.4	112.6	110.5	-2.6	-1.9
Permanent placement services	4611	03/09	113.4	112.6	110.5	-2.6	-1.9
Permanent placement services	4611-01	03/09	113.4	112.6	110.5	-2.6	-1.9
Permanent placement services	4611-0101	03/09	113.4	112.6	110.5	-2.6	-1.9
Executive search services	462	12/08	99.1	99.1	99.1	0.0	0.0
Executive search services	4621	12/08	99.1	99.1	99.1	0.0	0.0
Executive search services	4621-01	12/08	99.1	99.1	99.1	0.0	0.0
Executive search services	4621-0101	12/08	99.1	99.1	99.1	0.0	0.0
Staffing services	463	06/09	110.9	109.9	110.4	2.4	0.5
Temporary help services	4631	03/09	109.5	108.4	109.2	1.1	0.7
Temporary help services	4631-01	03/09	109.5	108.4	109.2	1.1	0.7

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Temporary help services	4631-0101	03/09	109.5	108.4	109.2	1.1	0.7
Co-employment staffing services	4632	12/08	113.1	112.2	112.2	4.0	0.0
Co-employment staffing services	4632-01	12/08	113.1	112.2	112.2	4.0	0.0
Co-employment staffing services	4632-0101	12/08	113.1	112.2	112.2	4.0	0.0
Travel arrangement services (partial)	47	06/09	102.9	103.8	103.1	0.0	-0.7
Arrangement of flights (partial)	471	06/09	101.2	99.6	100.0	-2.7	0.4
Arrangement of international flights	4711	12/08	104.6	104.3	104.8	-1.3	0.5
Arrangement of international flights	4711-01	12/08	104.6	104.3	104.8	-1.3	0.5
Arrangement of international flights	4711-0101	12/08	104.6	104.3	104.8	-1.3	0.5
Arrangement of domestic flights	4712	12/08	88.1	86.0	86.4	-3.7	0.5
Arrangement of domestic flights	4712-01	12/08	88.1	86.0	86.4	-3.7	0.5
Arrangement of domestic flights	4712-0101	12/08	88.1	86.0	86.4	-3.7	0.5
Arrangement of vehicle rentals and lodging	472	12/08	86.4	84.9	82.6	-2.1	-2.7
Arrangement of vehicle rentals and lodging	4721	12/08	86.4	84.9	82.6	-2.1	-2.7
Arrangement of vehicle rentals and lodging	4721-01	12/08	86.4	84.9	82.6	-2.1	-2.7
Arrangement of vehicle rentals and lodging	4721-0101	12/08	86.4	84.9	82.6	-2.1	-2.7
Arrangement of cruises and tours	473	12/08	106.2	113.5	113.1	4.9	-0.4
Arrangement of cruises and tours	4731	12/08	106.2	113.5	113.1	4.9	-0.4
Arrangement of cruises and tours	4731-01	12/08	106.2	113.5	113.1	4.9	-0.4
Arrangement of cruises and tours	4731-0101	12/08	106.2	113.5	113.1	4.9	-0.4
Other travel arrangements (partial)	474	12/08	115.6	115.6	115.9	0.5	0.3
Other travel arrangements (partial)	4741	12/08	115.6	115.6	115.9	0.5	0.3
Other travel arrangements (partial)	4741-01	12/08	115.6	115.6	115.9	0.5	0.3
Other travel arrangements (partial)	4741-0101	12/08	115.6	115.6	115.9	0.5	0.3
Selected security services (partial)	48	03/09	107.0	107.8	107.3	1.8	-0.5
Security guard services	481	03/09	107.0	107.8	107.3	1.8	-0.5
Security guard services	4811	03/09	107.0	107.8	107.3	1.8	-0.5
Security guard services	4811-01	03/09	107.0	107.8	107.3	1.8	-0.5
Security guard services	4811-0101	03/09	107.0	107.8	107.3	1.8	-0.5
Cleaning and building maintenance services (partial)	49	03/09	109.6	110.0	110.2	1.1	0.2
Janitorial services	491	03/09	109.6	110.0	110.2	1.1	0.2
Janitorial services	4911	03/09	109.6	110.0	110.2	1.1	0.2
Janitorial services	4911-01	03/09	109.6	110.0	110.2	1.1	0.2
Janitorial services	4911-0101	03/09	109.6	110.0	110.2	1.1	0.2
Waste collection and remediation services (partial)	50	12/08	118.7	119.5	119.4	4.1	-0.1
Waste collection	501	12/08	118.7	119.5	119.4	4.1	-0.1
Solid waste collection	5011	12/08	118.7	119.5	119.4	4.1	-0.1
Solid waste collection	5011-01	12/08	118.7	119.5	119.4	4.1	-0.1
Solid waste collection	5011-0101	12/08	118.7	119.5	119.4	4.1	-0.1
Health care services	51	06/09	113.9	113.9	114.2	1.2	0.3
Outpatient care (partial)	511	06/09	111.0	111.0	111.1	0.8	0.1
Outpatient care (partial)	5111	06/09	111.0	111.0	111.1	0.8	0.1
Physician care	5111-01	03/09	106.7	106.6	106.8	0.4	0.2
Medicare patients: physician care	5111-0102	06/14	99.0	99.0	98.9	-1.2	-0.1
Medicaid patients: physician care	5111-0103	06/14	86.6	86.6	86.6	1.1	0.0
Private insurance patients: physician care	5111-0104	06/14	101.2	101.0	101.4	0.9	0.4
All other patients: physician care	5111-0105	06/14	102.2	102.2	102.2	0.7	0.0
Medical laboratory and diagnostic imaging center care	5111-02	03/09	97.6	97.6	97.5	-0.5	-0.1
Medical laboratory care	5111-0201	03/09	94.8	94.9	94.7	-0.4	-0.2
Medicare patients: medical laboratory care	5111-02011	06/14	99.8	99.8	99.8	0.3	0.0
Medicaid patients: medical laboratory care	5111-02012	06/14	98.2	98.2	97.9	-2.2	-0.3
Private insurance patients: medical laboratory care	5111-02013	06/14	98.9	99.0	99.0	-0.4	0.0
All other patients: medical laboratory care	5111-02014	06/14	100.7	100.6	99.6	-1.2	-1.0
Diagnostic imaging center care	5111-0202	03/09	101.7	101.7	101.7	-0.4	0.0
Medicare and Medicaid patients: diagnostic imaging center care	5111-02021	06/14	94.4	94.4	94.4	-1.8	0.0
Private insurance patients: diagnostic imaging center care	5111-02022	06/14	103.3	103.3	103.3	0.1	0.0
All other patients: diagnostic imaging center care	5111-02023	06/14	100.0	–	–	–	–
Home health and hospice care	5111-03	12/08	106.0	106.0	106.0	1.6	0.0
Home health and hospice care	5111-0301	12/08	106.0	106.0	106.0	1.6	0.0
Medicare and Medicaid patients: home health and hospice care	5111-030101	12/08	103.9	103.9	103.9	1.6	0.0
Medicare patients: home health and hospice care	5111-0301011	12/08	102.8	102.9	102.9	1.8	0.0

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Medicaid patients: home health and hospice care	5111-0301012	12/08	104.8	104.8	104.8	1.3	0.0
Private insurance and all other patients: home health and hospice care	5111-030102	12/08	112.4	112.4	112.4	1.9	0.0
Private insurance patients: home health and hospice care	5111-0301021	06/14	101.8	101.8	102.2	0.9	0.4
All other patients: home health and hospice care	5111-0301022	06/14	106.8	106.8	106.6	2.5	-0.2
Hospital outpatient care	5111-04	12/08	121.1	121.1	121.1	0.7	0.0
Hospital outpatient care	5111-0401	12/08	121.1	121.1	121.1	0.7	0.0
Hospital outpatient care, general medical & surgical hospitals	5111-04011	12/08	120.4	120.5	120.5	0.8	0.0
Medicare patients: hospital outpatient care, general medical and surgical hospitals	5111-040111	06/14	99.8	99.8	99.8	-0.4	0.0
Medicaid patients: hospital outpatient care, general medical and surgical hospitals	5111-040112	06/14	93.2	93.2	92.9	0.9	-0.3
Private insurance and all other patients: outpatient care, gen. medical and surgical hospitals	5111-040113	06/14	103.9	104.0	104.0	1.5	0.0
Hospital outpatient care, specialty hospitals	5111-04013	04/09	120.6	120.6	120.6	0.4	0.0
Dental care	5111-05	06/10	110.9	111.2	111.5	2.1	0.3
Private insurance patients: dental care	5111-0502	06/14	103.9	103.6	104.4	2.6	0.8
Private insurance patients: dental visits and consultations	5111-05021	06/14	103.7	102.7	103.8	2.2	1.1
Private insurance patients: dental surgical intervention services	5111-05022	06/14	105.0	105.8	106.0	4.8	0.2
Private insurance patients: dental non-surgical intervention services	5111-05023	06/14	103.6	103.5	104.4	2.3	0.9
Medicare, Medicaid and all other patients: dental care	5111-0503	06/14	103.0	103.8	103.5	1.6	-0.3
Medicare, Medicaid and all other patients: dental visits and consultations	5111-05031	06/14	104.2	104.8	104.6	2.3	-0.2
Medicare, Medicaid and all other patients: dental surgical intervention services	5111-05032	06/14	99.8	100.1	99.9	-1.5	-0.2
Medicare and Medicaid and all other patients: dental non-surgical intervention services	5111-05033	06/14	103.2	104.1	103.8	2.0	-0.3
Inpatient care	512	06/09	118.0	118.0	118.4	1.9	0.3
Inpatient care	5121	06/09	118.0	118.0	118.4	1.9	0.3
Hospital inpatient care	5121-01	12/08	120.2	120.2	120.4	1.4	0.2
Hospital inpatient care	5121-0101	12/08	120.2	120.2	120.4	1.4	0.2
Hospital inpatient care, general medical and surgical hospitals	5121-01011	12/08	120.6	120.6	120.8	1.5	0.2
Medicare patients: hospital inpatient care, general medical and surgical hospitals	5121-010111	06/14	99.7	99.7	99.7	0.4	0.0
Medicaid patients: hospital inpatient care, general medical and surgical hospitals	5121-010112	06/14	101.1	101.1	101.6	1.3	0.5
Private insur. & all other patients: hospital inpatient, general medical and surgical hospitals	5121-010113	06/14	106.0	105.9	106.1	2.4	0.2
Private insurance patients: hospital inpatient care, general medical and surgical hospitals	5121-0101131	06/14	106.1	106.1	106.3	2.8	0.2
All other patients: hospital inpatient care, general medical and surgical hospitals	5121-0101132	06/14	104.1	104.1	104.1	-2.4	0.0
Hospital inpatient care, psychiatric & substance abuse hospitals	5121-01012	12/08	112.8	112.8	110.6	-1.3	-2.0
Hospital inpatient care, psychiatric hospitals	5121-010121	06/14	107.7	107.7	105.3	-1.4	-2.2
Medicare patients: hospital inpatient care, psychiatric hospitals	5121-0101211	06/14	100.4	100.4	100.4	0.1	0.0
Medicaid patients: hospital inpatient care, psychiatric hospitals	5121-0101212	06/14	102.7	102.7	103.9	2.7	1.2
Private insurance and all other patients: hospital inpatient care, psychiatric hospitals	5121-0101213	06/14	110.4	110.4	106.4	-2.9	-3.6
Hospital inpatient care, specialty hospitals	5121-01013	12/08	117.1	117.5	118.2	1.8	0.6
Medicare patients: hospital inpatient care, specialty hospitals	5121-010131	06/14	103.0	104.2	104.2	2.6	0.0
Medicaid patients: hospital inpatient care, specialty hospitals	5121-010132	06/14	106.0	106.0	107.8	1.5	1.7
Private insurance and all other patients: hospital inpatient care, specialty hospitals	5121-010133	06/14	104.4	104.4	105.0	1.6	0.6
Nursing home care	5121-02	12/08	114.8	114.9	116.1	3.2	1.0
Nursing home care	5121-0201	12/08	114.8	114.9	116.1	3.2	1.0
Medicare and Medicaid patients: Nursing home care	5121-020101	12/08	109.8	109.9	111.6	2.7	1.5
Medicaid patients: Nursing home care	5121-0201011	06/12	104.7	104.9	107.5	3.6	2.5
Medicare patients: Nursing home care	5121-0201012	06/12	103.2	103.1	103.2	1.2	0.1
Private insurance and all other patients: Nursing home care	5121-020102	12/08	121.8	121.9	122.5	3.6	0.5
Private insurance patients: Nursing home care	5121-0201021	06/14	98.4	98.4	98.4	-1.1	0.0
All other patients: Nursing home care	5121-0201022	06/14	106.6	106.7	107.3	4.5	0.6
Intellectual and developmental disability center care	5121-03	12/08	137.3	136.6	138.0	3.7	1.0
Intellectual and developmental disability center care	5121-0301	12/08	137.3	136.6	138.0	3.7	1.0
Medicaid patients: Intellectual and developmental disability center care	5121-030101	06/14	108.0	107.4	108.1	3.9	0.7
Medicare, private ins. & all other patients: Intellectual & develop. disability center care	5121-030102	06/14	104.3	104.3	106.6	2.7	2.2
Sales of blood and blood products, organs, and tissues	513	03/09	104.2	104.3	104.1	0.5	-0.2
Sales of blood and blood products, organs, and tissues	5131	03/09	104.2	104.3	104.1	0.5	-0.2
Sales of blood and blood products, organs, and tissues	5131-01	03/09	104.2	104.3	104.1	0.5	-0.2
Sales of blood and blood products, organs, and tissues	5131-0101	03/09	104.2	104.3	104.1	0.5	-0.2
Educational services (partial)	52	12/08	103.2	103.4	109.0	5.5	5.4

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Computer training school services	521	12/08	103.2	103.4	109.0	5.5	5.4
Computer training school services	5211	12/08	103.2	103.4	109.0	5.5	5.4
Computer training school services	5211-01	12/08	103.2	103.4	109.0	5.5	5.4
Computer training school services	5211-0101	12/08	103.2	103.4	109.0	5.5	5.4
Accommodation services	53	06/09	114.6	113.7	119.3	0.0	4.9
Traveler accommodation services	531	06/09	114.6	113.7	119.3	0.0	4.9
Traveler accommodation services	5311	06/09	114.6	113.7	119.3	0.0	4.9
Guestroom or unit rental	5311-01	03/09	119.0	118.0	124.3	-0.4	5.3
Guestroom or unit rental	5311-0101	03/09	119.0	118.0	124.3	-0.4	5.3
Other traveler accommodation services	5311-02	03/09	108.7	109.5	110.1	5.6	0.5
Other traveler accommodation services	5311-0201	03/09	108.7	109.5	110.1	5.6	0.5
Food and beverage for immediate consumption services (partial)	54	06/09	115.5	115.9	116.1	1.5	0.2
Food and beverage for immediate consumption services (partial)	541	06/09	115.5	115.9	116.1	1.5	0.2
Food and nonalcoholic beverages for immediate consumption (partial)	5411	04/09	113.9	114.4	114.7	1.2	0.3
Food and nonalcoholic beverages for immediate consumption (partial)	5411-01	04/09	113.9	114.4	114.7	1.2	0.3
Food and nonalcoholic beverages for immediate consumption (partial)	5411-0101	04/09	113.9	114.4	114.7	1.2	0.3
Alcoholic beverages for immediate consumption (partial)	5412	12/08	124.8	124.8	124.0	3.2	-0.6
Alcoholic beverages for immediate consumption (partial)	5412-01	12/08	124.8	124.8	124.0	3.2	-0.6
Alcoholic beverages for immediate consumption (partial)	5412-0101	12/08	124.8	124.8	124.0	3.2	-0.6
Repair and maintenance services (partial)	55	06/09	120.5	120.6	120.7	1.5	0.1
Commercial and industrial machinery and equipment repair and maintenance	551	03/09	117.8	117.8	117.8	0.7	0.0
Commercial and industrial machinery and equipment repair and maintenance	5511	03/09	117.8	117.8	117.8	0.7	0.0
Commercial machinery repair and maintenance	5511-01	03/09	117.8	117.8	117.8	0.7	0.0
Commercial machinery repair and maintenance	5511-0101	03/09	117.8	117.8	117.8	0.7	0.0
Motor vehicle repair and maintenance (partial)	552	12/08	126.3	126.5	126.6	1.8	0.1
Motor vehicle repair and maintenance (partial)	5521	12/08	126.3	126.5	126.6	1.8	0.1
Motor vehicle repair and maintenance (partial)	5521-01	12/08	126.3	126.5	126.6	1.8	0.1
Motor vehicle repair and maintenance (partial)	5521-0101	12/08	126.3	126.5	126.6	1.8	0.1
Ship repair and maintenance	553	06/09	108.5	108.5	108.9	-1.1	0.4
Ship repair and maintenance	5531	06/09	108.5	108.5	108.9	-1.1	0.4
Ship repair, military	5531-01	12/08	108.4	108.4	108.4	-2.1	0.0
Ship repair, military	5531-0101	12/08	108.4	108.4	108.4	-2.1	0.0
Ship repair, nonmilitary	5531-02	12/08	106.1	106.1	107.4	1.8	1.2
Ship repair, nonmilitary	5531-0201	12/08	106.1	106.1	107.4	1.8	1.2
Aircraft repair and maintenance	554	04/09	116.2	116.2	116.3	2.0	0.1
Aircraft repair and maintenance	5541	04/09	116.2	116.2	116.3	2.0	0.1
Aircraft repair and maintenance	5541-01	04/09	116.2	116.2	116.3	2.0	0.1
Aircraft repair and maintenance	5541-0101	04/09	116.2	116.2	116.3	2.0	0.1
Entertainment services (partial)	56	06/09	112.8	113.5	111.6	1.2	-1.7
Membership dues and admissions and recreation facility use fees (partial)	561	06/09	116.8	119.5	118.3	2.9	-1.0
Membership dues and admissions and recreation facility use fees (partial)	5611	06/09	116.8	119.5	118.3	2.9	-1.0
Membership dues	5611-01	04/09	108.2	112.1	108.8	1.3	-2.9
Membership dues, golf courses and country clubs	5611-0101	04/09	118.1	119.0	118.6	5.8	-0.3
Membership dues, fitness and recreational sports centers	5611-0102	04/09	101.9	107.5	102.5	-1.6	-4.7
Admissions and recreational facilities use fees (partial)	5611-02	12/08	130.1	130.8	133.1	5.1	1.8
Admissions and recreational facilities use fees, golf courses and country clubs	5611-0201	12/08	101.6	101.5	104.3	-0.5	2.8
Admissions and recreational facilities use fees, fitness and recreational sports centers	5611-0202	12/08	117.7	117.7	117.7	0.3	0.0
Admissions and recreational facilities use fees, amusement and theme parks	5611-0203	12/08	156.9	158.6	160.9	9.1	1.5
Recreational activity instruction fees (partial)	562	12/08	114.4	114.4	114.4	4.5	0.0
Recreational activity instruction fees (partial)	5621	12/08	114.4	114.4	114.4	4.5	0.0
Recreational activity instruction fees (partial)	5621-01	12/08	114.4	114.4	114.4	4.5	0.0
Recreational activity instruction fees (partial)	5621-0101	12/08	114.4	114.4	114.4	4.5	0.0
Gaming receipts (partial)	563	12/08	110.1	108.3	105.6	-0.9	-2.5
Gaming receipts (partial)	5631	12/08	110.1	108.3	105.6	-0.9	-2.5
Gaming receipts (partial)	5631-01	12/08	110.1	108.3	105.6	-0.9	-2.5
Gaming receipts (partial)	5631-0101	12/08	110.1	108.3	105.6	-0.9	-2.5
Wholesale trade services	57	06/09	111.9	112.6	112.5	0.7	-0.1
Machinery and equipment and parts and supplies wholesaling	571	06/09	116.8	118.5	116.2	4.8	-1.9

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Machinery and equipment and parts and supplies wholesaling	5711	06/09	116.8	118.5	116.2	4.8	-1.9
Machinery and equipment wholesaling	5711-01	03/09	119.0	120.4	117.7	6.9	-2.2
Machinery and equipment wholesaling	5711-0101	03/09	119.0	120.4	117.7	6.9	-2.2
Parts and supplies for machinery and equipment wholesaling	5711-02	03/09	111.6	113.8	112.3	0.8	-1.3
Parts and supplies for machinery and equipment wholesaling	5711-0201	03/09	111.6	113.8	112.3	0.8	-1.3
Furnishings wholesaling	572	03/09	92.4	92.4	92.9	2.9	0.5
Furnishings wholesaling	5721	03/09	92.4	92.4	92.9	2.9	0.5
Furnishings wholesaling	5721-01	03/09	92.4	92.4	92.9	2.9	0.5
Furnishings wholesaling	5721-0101	03/09	92.4	92.4	92.9	2.9	0.5
Building materials, paint, and hardware wholesaling	573	03/09	92.5	95.4	95.5	3.0	0.1
Building materials, paint, and hardware wholesaling	5731	03/09	92.5	95.4	95.5	3.0	0.1
Building materials, paint, and hardware wholesaling	5731-01	03/09	92.5	95.4	95.5	3.0	0.1
Building materials, paint, and hardware wholesaling	5731-0101	03/09	92.5	95.4	95.5	3.0	0.1
Metals, minerals, and ores wholesaling	574	03/09	142.9	139.4	143.5	-1.6	2.9
Metals, minerals, and ores wholesaling	5741	03/09	142.9	139.4	143.5	-1.6	2.9
Metals, minerals, and ores wholesaling	5741-01	03/09	142.9	139.4	143.5	-1.6	2.9
Metals, minerals, and ores wholesaling	5741-0101	03/09	142.9	139.4	143.5	-1.6	2.9
Chemicals and allied products wholesaling	575	03/09	101.8	99.8	104.7	-9.3	4.9
Chemicals and allied products wholesaling	5751	03/09	101.8	99.8	104.7	-9.3	4.9
Chemicals and allied products wholesaling	5751-01	03/09	101.8	99.8	104.7	-9.3	4.9
Chemicals and allied products wholesaling	5751-0101	03/09	101.8	99.8	104.7	-9.3	4.9
Paper and plastics products wholesaling	576	03/09	116.1	115.7	116.1	-3.7	0.3
Paper and plastics products wholesaling	5761	03/09	116.1	115.7	116.1	-3.7	0.3
Paper and plastics products wholesaling	5761-01	03/09	116.1	115.7	116.1	-3.7	0.3
Paper and plastics products wholesaling	5761-0101	03/09	116.1	115.7	116.1	-3.7	0.3
Apparel wholesaling	577	03/09	116.8	117.6	118.0	-0.3	0.3
Apparel wholesaling	5771	03/09	116.8	117.6	118.0	-0.3	0.3
Apparel wholesaling	5771-01	03/09	116.8	117.6	118.0	-0.3	0.3
Apparel wholesaling	5771-0101	03/09	116.8	117.6	118.0	-0.3	0.3
Food and alcohol wholesaling	578	06/09	108.2	105.9	105.6	-0.2	-0.3
Food and alcohol wholesaling	5781	06/09	108.2	105.9	105.6	-0.2	-0.3
Food wholesaling	5781-01	03/09	106.1	103.5	103.3	-0.2	-0.2
Food wholesaling	5781-0101	03/09	106.1	103.5	103.3	-0.2	-0.2
Alcohol wholesaling	5781-02	02/09	114.0	115.6	114.3	-0.2	-1.1
Alcohol wholesaling	5781-0201	02/09	114.0	115.6	114.3	-0.2	-1.1
Other commodities wholesaling	579	03/09	106.5	109.4	110.4	-0.3	0.9
Other commodities wholesaling	5791	03/09	106.5	109.4	110.4	-0.3	0.9
Other commodities wholesaling	5791-01	03/09	106.5	109.4	110.4	-0.3	0.9
Other commodities wholesaling	5791-0101	03/09	106.5	109.4	110.4	-0.3	0.9
Retail trade services	58	06/09	113.5	115.4	113.3	-0.3	-1.8
Food and alcohol retailing	581	03/09	129.9	130.7	129.1	1.7	-1.2
Food and alcohol retailing	5811	03/09	129.9	130.7	129.1	1.7	-1.2
Food retailing	5811-02	09/15	103.6	104.2	102.5	2.0	-1.6
Food retailing	5811-0201	09/15	103.6	104.2	102.5	2.0	-1.6
Alcohol retailing	5811-03	09/15	96.0	96.7	99.7	–	3.1
Alcohol retailing	5811-0301	09/15	96.0	96.7	99.7	–	3.1
Health and beauty care retailing, including optical goods	582	03/09	118.9	118.5	115.8	-4.1	-2.3
Health and beauty care retailing, including optical goods	5821	03/09	118.9	118.5	115.8	-4.1	-2.3
Health and beauty care retailing, including optical goods	5821-01	03/09	118.9	118.5	115.8	-4.1	-2.3
Health and beauty care retailing, including optical goods	5821-0101	03/09	118.9	118.5	115.8	-4.1	-2.3
Apparel, jewelry, footwear, and accessories retailing	583	06/09	116.1	112.1	105.8	-4.9	-5.6
Apparel, jewelry, footwear, and accessories retailing	5831	06/09	116.1	112.1	105.8	-4.9	-5.6
Apparel, footwear, and accessories retailing	5831-01	03/09	113.2	108.4	101.0	-6.7	-6.8
Apparel, footwear, and accessories retailing	5831-0101	03/09	113.2	108.4	101.0	-6.7	-6.8
Jewelry retailing	5831-02	03/09	119.3	119.9	119.8	3.6	-0.1
Jewelry retailing	5831-0201	03/09	119.3	119.9	119.8	3.6	-0.1
Computer hardware, software, and supplies retailing	584	03/09	97.7	92.9	93.6	-9.8	0.8
Computer hardware, software, and supplies retailing	5841	03/09	97.7	92.9	93.6	-9.8	0.8
Computer hardware, software, and supplies retailing	5841-01	03/09	97.7	92.9	93.6	-9.8	0.8
Computer hardware, software, and supplies retailing	5841-0101	03/09	97.7	92.9	93.6	-9.8	0.8

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
TV, video, and photographic equipment and supplies retailing	585	03/09	49.6	52.5	51.4	-30.5	-2.1
TV, video, and photographic equipment and supplies retailing	5851	03/09	49.6	52.5	51.4	-30.5	-2.1
TV, video, and photographic equipment and supplies retailing	5851-01	03/09	49.6	52.5	51.4	-30.5	-2.1
TV, video, and photographic equipment and supplies retailing	5851-0101	03/09	49.6	52.5	51.4	-30.5	-2.1
Automobiles and automobile parts retailing	586	06/09	97.0	96.6	94.7	-6.1	-2.0
Automobiles and automobile parts retailing	5861	06/09	97.0	96.6	94.7	-6.1	-2.0
Automobile retailing (Partial)	5861-01	03/09	87.3	86.9	82.5	-15.1	-5.1
Automobile retailing (Partial)	5861-0101	03/09	87.3	86.9	82.5	-15.1	-5.1
Automotive parts, including tires, retailing	5861-02	03/09	107.8	107.5	107.7	0.9	0.2
Automotive parts, including tires, retailing	5861-0201	03/09	107.8	107.5	107.7	0.9	0.2
Manufactured (mobile) homes retailing	587	03/09	102.2	103.5	103.5	2.0	0.0
Manufactured (mobile) homes retailing	5871	03/09	102.2	103.5	103.5	2.0	0.0
Manufactured (mobile) homes retailing	5871-01	03/09	102.2	103.5	103.5	2.0	0.0
Manufactured (mobile) homes retailing	5871-0101	03/09	102.2	103.5	103.5	2.0	0.0
RVs, trailers, and campers retailing	588	03/09	110.2	109.1	113.2	0.8	3.8
RVs, trailers, and campers retailing	5881	03/09	110.2	109.1	113.2	0.8	3.8
RVs, trailers, and campers retailing	5881-01	03/09	110.2	109.1	113.2	0.8	3.8
RVs, trailers, and campers retailing	5881-0101	03/09	110.2	109.1	113.2	0.8	3.8
Sporting goods, including boats, retailing	589	03/09	111.5	108.3	112.1	2.9	3.5
Sporting goods, including boats, retailing	5891	03/09	111.5	108.3	112.1	2.9	3.5
Sporting goods, including boats, retailing	5891-01	03/09	111.5	108.3	112.1	2.9	3.5
Sporting goods, including boats, retailing	5891-0101	03/09	111.5	108.3	112.1	2.9	3.5
Lawn, garden, and farm equipment and supplies retailing	58A	03/09	105.3	106.0	105.2	0.7	-0.8
Lawn, garden, and farm equipment and supplies retailing	58A1	03/09	105.3	106.0	105.2	0.7	-0.8
Lawn, garden, and farm equipment and supplies retailing	58A1-01	03/09	105.3	106.0	105.2	0.7	-0.8
Lawn, garden, and farm equipment and supplies retailing	58A1-0101	03/09	105.3	106.0	105.2	0.7	-0.8
Furniture retailing	58B	03/09	104.6	101.7	103.9	2.4	2.2
Furniture retailing	58B1	03/09	104.6	101.7	103.9	2.4	2.2
Furniture retailing	58B1-01	03/09	104.6	101.7	103.9	2.4	2.2
Furniture retailing	58B1-0101	03/09	104.6	101.7	103.9	2.4	2.2
Flooring and floor coverings retailing	58C	03/09	104.2	108.0	106.9	7.8	-1.0
Flooring and floor coverings retailing	58C1	03/09	104.2	108.0	106.9	7.8	-1.0
Flooring and floor coverings retailing	58C1-01	03/09	104.2	108.0	106.9	7.8	-1.0
Flooring and floor coverings retailing	58C1-0101	03/09	104.2	108.0	106.9	7.8	-1.0
Hardware and building materials and supplies retailing	58D	03/09	112.4	116.2	115.3	1.5	-0.8
Hardware and building materials and supplies retailing	58D1	03/09	112.4	116.2	115.3	1.5	-0.8
Hardware and building materials and supplies retailing	58D1-01	03/09	112.4	116.2	115.3	1.5	-0.8
Hardware and building materials and supplies retailing	58D1-0101	03/09	112.4	116.2	115.3	1.5	-0.8
Major household appliance retailing	58E	03/09	79.8	83.2	78.8	-7.4	-5.3
Major household appliance retailing	58E1	03/09	79.8	83.2	78.8	-7.4	-5.3
Major household appliance retailing	58E1-01	03/09	79.8	83.2	78.8	-7.4	-5.3
Major household appliance retailing	58E1-0101	03/09	79.8	83.2	78.8	-7.4	-5.3
Fuels and lubricants retailing	58F	06/09	126.0	167.8	164.6	24.2	-1.9
Fuels and lubricants retailing	58F1	06/09	126.0	167.8	164.6	24.2	-1.9
Automotive fuels and lubricants retailing	58F1-01	03/09	151.7	220.2	213.0	36.2	-3.3
Automotive fuels and lubricants retailing	58F1-0101	03/09	151.7	220.2	213.0	36.2	-3.3
Household fuels retailing	58F1-02	03/09	105.2	102.3	106.6	-9.9	4.2
Household fuels retailing	58F1-0201	03/09	105.2	102.3	106.6	-9.9	4.2
Cleaning supplies and paper products retailing	58G	03/09	147.3	156.4	157.1	9.8	0.4
Cleaning supplies and paper products retailing	58G1	03/09	147.3	156.4	157.1	9.8	0.4
Cleaning supplies and paper products retailing	58G1-01	03/09	147.3	156.4	157.1	9.8	0.4
Cleaning supplies and paper products retailing	58G1-0101	03/09	147.3	156.4	157.1	9.8	0.4
Book retailing	58H	03/09	108.6	113.3	108.6	3.4	-4.1
Book retailing	58H1	03/09	108.6	113.3	108.6	3.4	-4.1
Book retailing	58H1-01	03/09	108.6	113.3	108.6	3.4	-4.1
Book retailing	58H1-0101	03/09	108.6	113.3	108.6	3.4	-4.1
Other merchandise retailing (partial)	58I	03/09	102.0	104.0	103.3	-2.3	-0.7
Other merchandise retailing (partial)	58I1	03/09	102.0	104.0	103.3	-2.3	-0.7
Other merchandise retailing (partial)	58I1-01	03/09	102.0	104.0	103.3	-2.3	-0.7

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Other merchandise retailing (partial)	58I1-0101	03/09	102.0	104.0	103.3	-2.3	-0.7
Metal treatment services	59	12/84	180.6	182.2	182.5	1.4	0.2
Metal treatment services	591	12/84	180.6	182.2	182.5	1.4	0.2
Metal treatment services	5911	12/84	180.6	182.2	182.5	1.4	0.2
Metal plating and polishing	5911-01	12/84	203.7	206.4	206.2	3.0	-0.1
Metal plating and polishing	5911-0111	12/84	203.7	206.4	206.2	3.0	-0.1
Metal coating and allied services	5911-02	12/84	170.7	172.6	173.1	0.8	0.3
Metal coating and allied services	5911-0222	12/84	170.7	172.6	173.1	0.8	0.3
Metal heat treating	5911-03	06/85	152.1	151.8	152.0	0.5	0.1
Metal heat treating	5911-0349	06/06	120.3	120.1	120.3	0.6	0.2
Mining services	60	06/85	227.0	225.6	225.4	-6.6	-0.1
Mining services	601	06/85	227.0	225.6	225.4	-6.6	-0.1
Mining services	6011	06/85	227.0	225.6	225.4	-6.6	-0.1
Metal mining services	6011-01	12/85	159.1	158.3	153.5	-3.3	-3.0
Metal mining services	6011-0101	12/85	159.1	158.3	153.5	-3.3	-3.0
Support activities for coal mining	6011-02	06/85	182.6	184.2	183.4	-7.1	-0.4
Support activities for coal mining	6011-0201	06/85	182.6	184.2	183.4	-7.1	-0.4
Drilling oil and gas wells services	6011-03	12/85	324.7	318.8	318.9	-15.2	0.0
Drilling oil and gas wells services	6011-0301	12/85	324.7	318.8	318.9	-15.2	0.0
Support activities for oil and gas operations	6011-04	12/85	195.9	195.7	195.6	-2.1	-0.1
Support activities for oil and gas operations	6011-0401	12/85	195.9	195.7	195.6	-2.1	-0.1
Nonmetallic minerals mining services	6011-05	06/85	138.7	138.7	138.7	-1.4	0.0
Nonmetallic minerals mining services	6011-0501	06/85	138.7	138.7	138.7	-1.4	0.0
Contract work on textile products, apparel, and leather	61	06/10	108.3	108.1	108.1	1.4	0.0
Contract work on textile products and apparel	611	06/10	108.3	108.1	108.0	1.3	-0.1
Contract work on textile products and apparel	6111	06/10	108.3	108.1	108.0	1.3	-0.1
Commission throwing, texturing, or winding filament yarns	6111-01	12/88	123.7	123.7	–	–	–
Commission throwing, texturing, or winding filament yarns	6111-0101	12/88	123.7	123.7	–	–	–
Contract work on textile products	6111-02	06/87	160.4	159.3	159.3	4.7	0.0
Commission finishing of broadwoven fabrics	6111-0201	06/87	177.0	175.7	175.7	5.1	0.0
Commission finishing of other broadwoven fabrics (excl. cotton & wool)	6111-02012	06/08	144.8	144.8	144.8	5.8	0.0
Commission knit or knit & finishing of circular & warp fabric	6111-0204	12/94	101.8	101.8	101.8	0.0	0.0
Contract work on apparel	6111-03	06/87	129.3	129.2	129.2	0.5	0.0
Contract work on women's, girls' and infants' apparel	6111-031	12/11	102.4	102.4	102.4	0.7	0.0
Contract work, women's/girls'/infants' shirts	6111-0311	06/07	100.9	100.9	100.9	0.6	0.0
Contract work, women's/girls'/infants' dresses	6111-0312	06/07	100.5	100.5	100.5	0.0	0.0
Contract work, women's/girls'/infants' other apparel	6111-0314	06/07	95.3	–	–	–	–
Contract work on men's and boys' apparel	6111-032	12/11	106.8	106.7	106.7	0.5	0.0
Contract work, men's/boys' pants and other outerwear	6111-0321	06/07	105.2	104.5	104.5	1.8	0.0
Contract work, men's/boys' other apparel	6111-0323	06/07	111.5	–	111.5	0.0	–
Contract work, men's and boys' team uniforms, costumes and other apparel/apparel accessories	6111-0324	12/11	104.4	104.4	104.4	0.2	0.0
Contract & commission receipts for tanning or finishing leather owned by others	612	06/11	105.8	105.8	105.8	3.7	0.0
Contract & commission receipts for tanning or finishing leather owned by others	6121	06/11	105.8	105.8	105.8	3.7	0.0
Contract & commission receipts for tanning or finishing leather owned by others	6121-01	12/97	139.5	139.5	139.5	3.7	0.0
Contract & commission receipts for tanning or finishing leather owned by others	6121-0101	12/97	139.5	139.5	139.5	3.7	0.0
Construction (partial)	80	06/09	110.1	111.0	110.5	0.8	-0.5
New nonresidential building construction	801	06/09	110.9	112.0	111.3	0.8	-0.6
New nonresidential building construction	8011	06/09	110.9	112.0	111.3	0.8	-0.6
New warehouse building construction	8011-01	12/04	141.4	143.0	142.8	1.5	-0.1
New warehouse building construction	8011-0101	12/04	141.4	143.0	142.8	1.5	-0.1
New school building construction	8011-02	12/05	150.3	151.9	149.7	0.1	-1.4
New school building construction	8011-0201	12/05	150.3	151.9	149.7	0.1	-1.4
New office building construction	8011-03	06/06	126.7	128.2	128.1	1.4	-0.1
New office building construction	8011-0301	06/06	126.7	128.2	128.1	1.4	-0.1
New industrial building construction	8011-04	06/07	119.3	119.4	118.5	-0.4	-0.8
New industrial building construction	8011-0401	06/07	119.3	119.4	118.5	-0.4	-0.8
New health care building construction	8011-05	06/12	105.7	106.6	105.7	0.9	-0.8
New health care building construction	8011-0501	06/12	105.7	106.6	105.7	0.9	-0.8
Maintenance and repair of nonresidential buildings (partial)	802	04/09	112.1	112.3	112.6	0.9	0.3

See footnotes at end of table.

Table 9. Producer price indexes and percent changes for commodity and service groupings and individual items, not seasonally adjusted — Continued

[1982=100 unless otherwise indicated]

Commodity	Commodity code	Other index base	Index			Percent change to July 2016 from:	
			Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Maintenance and repair of nonresidential buildings (partial)	8021	04/09	112.1	112.3	112.6	0.9	0.3
Maintenance and repair of nonresidential buildings (partial)	8021-01	04/09	112.1	112.3	112.6	0.9	0.3
Maintenance and repair of nonresidential buildings (partial)	8021-0101	04/09	112.1	112.3	112.6	0.9	0.3

[1] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

[2] Due to incomplete coverage of the services sector, some services indexes in this table reflect only a portion of their wherever-provided output. These indexes are flagged using the term ″partial″ at the end of their titles. For more information regarding wherever-provided services indexes, go to www.bls.gov/ppi/wepnotice.htm. This webpage includes methodology documentation, a table identifying missing coverage areas for those indexes with incomplete coverage, and a concordance table between wherever-provided services indexes and Census product codes.

″-″ Data not available.

n.e.c. = Not elsewhere classified.

Table 10. Producer price indexes for the net output of selected industries and industry groups, not seasonally adjusted

Industry[1]	Industry code	Index base	Index			Percent change to July 2016 from:	
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Total mining, utilities, and manufacturing industries		12/06	113.1	116.0	116.1	-2.8	0.1
Total mining industries		12/84	139.3	155.4	159.1	-5.6	2.4
Oil and gas extraction	211	12/85	91.3	121.3	129.3	-9.1	6.6
Mining (except oil & gas)	212	12/03	207.2	209.9	208.3	-0.8	-0.8
Mining support activities	213	06/09	107.5	106.9	106.8	-6.2	-0.1
Utilities	221	12/03	130.8	136.2	139.6	-2.3	2.5
Total manufacturing industries		12/84	179.3	183.5	183.0	-2.9	-0.3
Food mfg	311	12/84	194.1	197.8	197.2	-3.1	-0.3
Beverage & tobacco mfg	312	12/03	145.2	145.6	146.0	3.2	0.3
Textile mills	313	12/84	128.2	127.8	127.3	-0.9	-0.4
Textile product mills	314	12/03	133.5	133.0	132.9	0.0	-0.1
Apparel manufacturing	315	12/03	112.1	112.0	112.2	0.6	0.2
Leather and allied product manufacturing	316	12/84	178.1	179.0	179.5	0.1	0.3
Wood product manufacturing	321	12/03	124.4	125.7	126.0	1.4	0.2
Paper manufacturing	322	12/03	135.5	135.3	135.3	-0.8	0.0
Printing and related support activities	323	12/03	113.4	113.6	114.0	0.6	0.4
Petroleum and coal products manufacturing	324	12/84	161.7	197.2	192.7	-24.5	-2.3
Chemical mfg	325	12/84	264.8	267.4	266.7	-0.2	-0.3
Plastics and rubber products mfg	326	12/84	182.1	182.8	182.5	-1.1	-0.2
Nonmetallic mineral product mfg	327	12/84	200.9	202.0	202.4	2.6	0.2
Primary metal mfg	331	12/84	169.6	175.4	179.1	-2.3	2.1
Fabricated metal product mfg	332	12/84	188.0	189.1	189.7	0.2	0.3
Machinery mfg	333	12/03	132.0	132.2	132.2	0.4	0.0
Computer & electronic product mfg	334	12/03	88.7	88.8	88.8	-0.6	0.0
Electrical equipment, appliance & component mfg	335	12/03	137.3	136.8	137.1	-0.8	0.2
Transportation equipment mfg	336	12/03	120.0	119.9	119.5	0.3	-0.3
Furniture & related product mfg	337	12/84	195.3	195.3	195.4	0.6	0.1
Miscellaneous mfg	339	12/03	121.1	121.4	121.4	1.1	0.0
Total trade industries		12/06	127.4	128.4	127.8	0.2	-0.5
Total wholesale trade industries		12/06	131.6	132.0	132.2	-0.2	0.2
Merchant wholesalers, durable goods	423	06/04	134.2	135.4	134.2	3.5	-0.9
Merchant wholesalers, nondurable goods	424	06/05	153.4	152.8	155.1	-4.2	1.5
Wholesale trade agents and brokers	425	06/05	129.7	131.6	128.9	-2.3	-2.1
Total retail trade industries		12/06	124.4	126.3	124.6	0.8	-1.3
Motor vehicle and parts dealers	441	12/03	137.6	137.9	137.0	-0.3	-0.7
Furniture and home furnishings stores	442	12/03	135.8	136.6	137.7	4.2	0.8
Electronics and appliance stores	443	12/03	74.5	75.9	73.1	-14.2	-3.7
Bldg material and garden equip and supp dealers	444	12/03	135.1	139.7	138.2	0.3	-1.1
Food and beverage stores	445	12/99	188.3	191.9	190.1	3.9	-0.9
Health and personal care stores	446	12/03	143.0	141.8	140.7	-1.4	-0.8
Gasoline stations	447	06/01	97.5	115.7	114.4	15.2	-1.1
Clothing and clothing accessories stores	448	12/03	136.7	128.4	119.6	-6.5	-6.9
Sporting goods hobby, book and music stores	451	12/03	115.3	113.0	115.8	0.4	2.5
General merchandise stores	452	12/03	125.1	125.9	123.4	-0.2	-2.0
Florists	4531	12/03	119.7	121.6	121.5	-1.2	-0.1
Office supplies, stationery and gift stores	4532	12/03	139.7	142.1	143.8	2.6	1.2
Manufactured (mobile) home dealers	45393	12/03	115.8	117.3	117.3	2.0	0.0
Nonstore retailers	454	12/03	154.0	156.9	157.8	-3.2	0.6
Transportation and warehousing industries		12/06	126.1	125.8	126.0	-1.5	0.2
Transportation industries		12/06	121.3	121.3	121.4	-1.8	0.1
Air transportation	481	12/92	222.4	219.2	219.6	-3.2	0.2
Rail transportation	482	12/96	173.2	174.9	175.7	-2.2	0.5
Water transportation	483	12/03	131.3	132.9	131.6	-5.8	-1.0
Truck transportation	484	12/03	131.0	131.5	131.6	-1.0	0.1
Pipeline transportation of crude oil	486110	06/86	262.2	265.0	262.5	0.1	-0.9
Refined petroleum product pipeline transport	486910	06/86	196.9	197.2	196.4	0.2	-0.4
Transportation support activities	488	12/03	118.8	118.9	119.1	-0.3	0.2
Delivery and warehouse industries		12/06	146.1	144.5	144.9	-0.3	0.3
U.S. Postal Service	491	06/89	221.0	213.3	213.3	-2.3	0.0
Couriers and messengers	492	12/03	203.5	204.3	205.5	0.9	0.6
Warehousing and storage	493	12/06	102.2	102.8	102.8	0.9	0.0
Services less trade, transportation, and warehousing[3]		12/06	115.1	115.4	115.6	1.6	0.2
Information		12/06	102.4	102.6	102.4	0.0	-0.2
Publishing industries, except Internet	511	12/03	114.8	114.7	114.4	0.5	-0.3
Broadcasting, except Internet	515	12/03	121.9	122.8	122.4	1.4	-0.3
Telecommunications	517	12/03	99.3	99.4	99.3	-0.7	-0.1

See footnotes at end of table.

Table 10. Producer price indexes for the net output of selected industries and industry groups, not seasonally adjusted — Continued

Industry[1]	Industry code	Index base	Index			Percent change to July 2016 from:	
			Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Data processing and related services	5182	12/03	103.3	105.0	105.5	1.6	0.5
Internet publishing and web search portals	519130	12/09	89.5	88.5	87.5	-2.2	-1.1
Selected health care industries		12/06	119.5	119.5	119.7	1.0	0.2
Offices of physicians	6211	12/96	132.8	132.9	133.0	0.2	0.1
Offices of dentists	6212	06/10	110.9	111.1	111.4	2.0	0.3
Medical and diagnostic laboratories	6215	12/03	106.4	106.4	106.4	-0.4	0.0
Home health care services	6216	12/96	135.1	135.1	135.1	1.6	0.0
Blood and organ banks	621991	06/06	115.8	115.9	115.7	0.5	-0.2
Hospitals	622	12/92	190.8	190.9	190.9	0.8	0.0
Nursing care facilities	6231	12/03	138.0	138.2	139.5	3.0	0.9
Residential mental retardation facilities	62321	12/03	163.5	162.8	164.4	3.5	1.0
Other selected services less trade, transportation, and warehousing industries		12/06	116.1	116.6	116.9	2.2	0.3
Depository credit intermediation	5221	12/03	99.3	99.1	98.5	-2.0	-0.6
Security, commodity contracts and like activity	523	12/03	163.1	167.0	168.1	8.5	0.7
Insurance carriers and related activities	524	12/03	128.8	128.9	129.1	1.7	0.2
Lessors of nonres bldg (exc miniwarehouse)	53112	12/03	119.8	119.4	119.3	1.4	-0.1
Lessors of miniwarehouse and self storage units	53113	12/03	139.1	140.7	142.7	5.5	1.4
Offices of real estate agents and brokers	5312	12/03	121.8	123.3	123.2	3.1	-0.1
Real estate property managers	53131	12/03	113.8	116.5	116.9	3.5	0.3
Offices of real estate appraisers	531320	12/03	99.1	98.3	99.1	0.2	0.8
Automotive equipment rental and leasing	5321	06/01	125.4	126.1	123.5	-8.7	-2.1
Other heavy machinery rental and leasing	532412	12/03	118.5	117.3	118.8	-0.1	1.3
Legal services	5411	12/96	202.2	203.8	203.2	1.7	-0.3
Offices of certified public accountants	541211	12/03	118.7	117.4	118.7	1.8	1.1
Other accounting services	541219	12/03	112.4	113.6	113.6	1.1	0.0
Architectural, engineering and related services	5413	12/96	158.3	158.7	159.0	1.9	0.2
Management and technical consulting services	5416	06/06	112.4	113.1	112.8	0.4	-0.3
Advertising agencies	54181	12/03	113.6	113.7	113.9	0.9	0.2
Employment services	5613	12/96	137.0	135.8	136.2	1.9	0.3
Travel agencies	56151	12/03	102.6	103.4	102.9	0.8	-0.5
Security guards and patrol services	561612	12/04	115.6	116.5	115.9	1.8	-0.5
Janitorial services	56172	12/03	120.2	120.6	120.8	1.0	0.2
Waste collection	5621	12/03	131.7	132.7	132.6	3.8	-0.1
Computer training	61142	06/06	115.5	115.7	121.6	5.2	5.1
Amusement and theme parks	71311	06/06	161.1	163.7	168.4	6.3	2.9
Golf courses and country clubs	71391	12/05	119.1	119.8	120.5	2.9	0.6
Fitness and recreational sports centers	71394	12/04	104.2	107.9	104.7	-0.6	-3.0
Accommodation	721	12/96	161.4	160.3	164.5	0.2	2.6
Commercial machinery repair and maintenance	8113	06/06	126.0	126.0	126.0	1.1	0.0

[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 March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

[3] Formerly titled "Total traditional service industries."

"-" Data not available.

NOTE: NAICS replaced the SIC system beginning with the release of PPI data for January 2004. See http://www.bls.gov/ppi/ppinaics.htm for details.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Logging	1133		12/81	197.6	196.0	196.6	-1.1	0.3
Logging	11331		12/81	197.6	196.0	196.6	-1.1	0.3
Logging	113310		12/81	197.7	196.1	196.8	-1.0	0.4
Primary products		113310-P	12/81	205.5	203.8	204.5	-1.0	0.3
Secondary products and miscellaneous receipts		113310-SM						
Miscellaneous receipts		113310-M	06/86	163.1	163.1	163.1	-3.1	0.0
Mining								
Total mining industries			12/84	139.3	155.4	159.1	-5.6	2.4
Oil and gas extraction	211		12/85	91.3	121.3	129.3	-9.1	6.6
Oil and gas extraction	2111		12/85	91.3	121.3	129.3	-9.1	6.6
Crude petroleum and natural gas extraction	211111		06/02	93.7	126.6	133.9	-10.3	5.8
Primary products		211111-P	06/84	82.6	112.0	119.1	-10.2	6.3
Crude petroleum		211111-1	06/84	99.7	142.3	133.6	-14.5	-6.1
Natural gas (from the wellhead)		211111-3	06/84	57.9	69.5	96.4	-1.7	38.7
Secondary products and miscellaneous receipts		211111-SM						
Natural gas liquids extraction	211112		06/02	77.0	90.6	102.7	0.7	13.4
Primary products		211112-P	06/02	76.7	90.2	102.2	1.0	13.3
Natural gas liquids		211112-1	06/84	97.2	113.6	107.2	0.7	-5.6
Isopentane and natural gasoline		211112-11	06/84	138.1	168.5	160.0	-13.9	-5.0
Propane		211112-12	06/84	96.4	96.8	94.4	16.5	-2.5
Butane		211112-13	06/84	89.8	98.7	95.8	9.6	-2.9
Plant condensate, ethane, gas mixtures, and other natural gas liquids		211112-14	06/96	92.4	120.8	109.1	0.0	-9.7
Residue gas shipped from natural gas liquids plants		211112-3	06/84	62.0	74.0	111.9	4.1	51.2
Mining (except oil & gas)	212		12/03	207.2	209.9	208.3	-0.8	-0.8
Coal mining	2121		12/85	193.1	197.2	188.0	-3.9	-4.7
Coal mining	21211		12/01	208.1	212.5	202.5	-3.9	-4.7
Bituminous coal and lignite surface mining	212111		12/01	181.6	187.3	171.7	-3.2	-8.3
Primary products		212111-P	12/01	182.4	188.2	172.5	-3.1	-8.3
Raw bituminous coal and lignite from surface mining operations		212111-1	12/01	172.6	162.0	162.3	-8.1	0.2
Raw bituminous coal and lignite from surface operations, for use without processing		212111-11	12/01	234.4	231.0	231.5	-4.8	0.2
Processed bituminous coal and lignite from surface operations		212111-3	12/01	184.5	193.4	174.7	-2.2	-9.7
Processed bituminous coal and lignite from surface operations (wet-washing or other method)		212111-31	12/01	155.5	155.9	156.2	-1.0	0.2
Processed bituminous coal and lignite crushed, screened, or sized only		212111-35	12/11	116.8	124.5	107.9	-2.6	-13.3
Secondary products and miscellaneous receipts		212111-SM2						
Bituminous coal underground mining	212112		12/01	226.7	228.8	228.6	-4.8	-0.1
Primary products		212112-P	12/01	226.3	228.5	228.3	-4.8	-0.1
Raw bituminous coal shipped from underground mining operations		212112-1	12/01	129.8	–	–	–	–
Processed bituminous coal shipped from underground operations		212112-3	12/01	253.4	253.9	253.6	-4.5	-0.1
Processed bituminous coal washed by wet-washing, or other methods		212112-31	12/01	246.4	247.0	246.7	-6.8	-0.1
Processed bituminous coal mechanically crushed, screened, or sized only		212112-32	12/01	270.0	270.0	270.0	7.1	0.0
Secondary products and miscellaneous receipts		212112-SM						
Anthracite mining	212113		12/79	285.9	269.5	272.4	-5.9	1.1
Primary products		212113-P	12/79	283.4	266.5	269.5	-6.2	1.1
Run-of-mine (raw) anthracite		212113-1	12/79	168.2	168.2	168.2	-1.6	0.0
Processed anthracite		212113-3	12/79	332.2	307.8	312.2	-7.2	1.4
Secondary products and miscellaneous receipts		212113-SM2						
Metal ore mining	2122		12/84	223.2	226.8	237.8	0.1	4.9
Iron ore mining	21221		12/84	110.0	135.0	133.9	0.5	-0.8
Iron ore mining	212210		12/84	110.0	135.0	133.9	0.5	-0.8
Primary products		212210-P	12/84	112.7	138.3	137.1	0.6	-0.9
Iron ore (including crude, concentrates, agglomerates and pellates)		212210-0	12/97	116.8	143.4	142.2	0.6	-0.8
Gold ore & silver ore mining	21222		12/84	212.5	214.3	228.7	13.3	6.7
Gold ore mining	212221		06/85	304.4	307.0	327.6	13.3	6.7
Primary products		212221-P	06/85	303.3	305.9	326.4	13.3	6.7
Gold ores		212221-0	06/85	303.3	305.9	326.4	13.3	6.7
Copper, nickel, lead & zinc mining	21223		06/88	271.8	266.6	269.4	-10.8	1.1
Copper, nickel, lead and zinc mining	212230		06/88	279.8	274.5	277.4	-10.8	1.1
Primary products		212230-P	12/03	251.0	243.5	245.8	-13.1	0.9
Copper ore and nickel ore		212230-4	12/03	242.0	231.2	232.0	-13.6	0.3

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Copper, nickel, lead and zinc mining - Continued								
Secondary products and miscellaneous receipts		212230-SM						
Other metal ore mining	21229		12/85	168.6	163.6	185.6	-3.9	13.4
Other metal ore mining	212290		12/85	556.6	540.0	612.7	-4.0	13.5
Primary products		212290-P	12/03	425.1	412.2	468.7	-4.0	13.7
Other metal ores, including uranium		212290-1	12/03	425.1	412.2	468.7	-4.0	13.7
Secondary products and miscellaneous receipts		212290-SM1						
Nonmetallic mineral mining & quarrying	2123		12/84	267.1	268.0	268.4	2.2	0.1
Stone mining & quarrying	21231		12/84	283.3	283.8	284.3	4.3	0.2
Dimension stone mining and quarrying	212311		06/85	252.9	253.5	253.3	4.4	-0.1
Primary products		212311-P	06/85	242.6	243.3	243.1	2.5	-0.1
Dimension stone		212311-0	06/85	242.6	243.3	243.1	2.5	-0.1
Secondary products and miscellaneous receipts		212311-SM						
Crushed and broken limestone mining	212312		12/83	286.8	286.2	286.9	4.2	0.2
Primary products		212312-P	12/83	290.8	290.2	290.9	4.7	0.2
Crushed and broken limestone		212312-0	12/83	290.8	290.2	290.9	4.7	0.2
Secondary products and miscellaneous receipts		212312-SM						
Crushed and broken granite mining	212313		12/83	360.5	367.0	365.7	5.7	-0.4
Primary products		212313-P	12/83	362.8	369.7	368.3	5.9	-0.4
Crushed and broken granite		212313-0	12/83	362.8	369.7	368.3	5.9	-0.4
Secondary products and miscellaneous receipts		212313-SM						
Other crushed and broken stone mining	212319		12/83	254.8	254.9	256.7	3.1	0.7
Primary products		212319-P	12/83	258.0	259.0	261.7	3.5	1.0
Bituminous limestone and sandstone, and other crushed and broken stone		212319-0	12/83	258.0	259.0	261.7	3.5	1.0
Secondary products and miscellaneous receipts		212319-SM						
Sand/gravel/clay/refractory minerals mining	21232		12/03	171.6	174.0	174.6	3.1	0.3
Construction sand and gravel mining	212321		06/82	327.4	334.4	334.1	3.8	-0.1
Primary products		212321-P	06/82	330.7	339.1	339.0	4.2	0.0
Construction sand and gravel (run of pit/bank, washed, screened, etc)		212321-0	06/82	330.7	339.1	339.0	4.2	0.0
Construction sand and gravel, Northeast		212321-01	12/12	115.9	–	124.9	8.4	–
Construction sand and gravel, Midwest		212321-02	12/12	120.5	124.6	124.3	4.5	-0.2
Construction sand and gravel, South		212321-03	12/12	115.0	115.0	115.0	3.0	0.0
Construction sand and gravel, West		212321-04	12/12	113.6	115.1	115.2	3.0	0.1
Secondary products and miscellaneous receipts		212321-SM						
Miscellaneous receipts		212321-M	06/82	365.7	354.4	354.2	7.1	-0.1
Industrial sand mining	212322		06/82	294.7	296.3	296.3	-0.9	0.0
Primary products		212322-P	06/82	298.4	300.1	300.1	-0.9	0.0
Industrial glass sand		212322-1	06/82	370.6	378.1	378.1	2.9	0.0
Industrial molding sand		212322-3	06/82	331.1	331.1	–	–	–
Other industrial sand		212322-9	06/82	209.3	206.1	206.1	-6.5	0.0
Hydraulic fracturing sand		212322-91	12/12	74.3	71.9	71.9	-13.1	0.0
All other industrial sand		212322-92	12/12	126.0	127.2	127.3	4.8	0.1
Secondary products and miscellaneous receipts		212322-SM						
Kaolin and ball clay mining	212324		06/84	206.9	201.7	209.7	4.2	4.0
Primary products		212324-P	06/84	205.2	200.1	208.0	4.3	3.9
Kaolin and ball clay		212324-0	06/84	205.2	200.1	208.0	4.3	3.9
Clay, ceramic, and refractory minerals mining	212325		06/84	213.5	215.5	216.1	1.9	0.3
Primary products		212325-P	06/84	216.0	218.2	218.7	3.3	0.2
Common (miscellaneous) clay and shale		212325-B	06/84	199.9	199.9	201.1	0.6	0.6
Fire clay, fuller's earth, and feldspar		212325-V	06/07	157.5	159.9	161.6	7.6	1.1
Bentonite		212325-2Z	06/84	167.1	169.2	168.0	0.4	-0.7
Secondary products and miscellaneous receipts		212325-SM						
Other nonmetallic mineral mining & quarrying	21239		12/84	239.6	236.7	236.2	-4.9	-0.2
Potash, soda, and borate mineral mining	212391		12/84	314.6	305.3	304.1	-11.2	-0.4
Primary products		212391-P	12/84	315.9	306.0	304.8	-11.6	-0.4
Potassium salts and boron compounds		212391-1Y	06/07	212.2	200.5	–	–	–
Sodium carbonate and sulfate		212391-3	12/84	219.9	–	–	–	–
Secondary products and miscellaneous receipts		212391-SM1						
Other chemical and fertilizer mineral mining	212393		12/89	194.8	198.6	198.6	12.3	0.0
Primary products		212393-P	12/89	190.6	194.2	194.2	12.7	0.0
Rock salt		212393-3	12/84	378.3	385.8	385.8	13.9	0.0
Other chemical and fertilizer minerals		212393-9Z	06/06	164.0	164.9	164.7	1.0	-0.1
Secondary products and miscellaneous receipts		212393-SM						

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
All other nonmetallic mineral mining	212399		06/85	262.2	266.2	266.6	3.5	0.2
Primary products		212399-P	06/85	265.8	270.0	270.3	3.5	0.1
All other nonmetallic minerals		212399-A	06/85	265.8	270.0	270.3	3.5	0.1
Secondary products and miscellaneous receipts		212399-SM						
Mining support activities	213		06/09	107.5	106.9	106.8	-6.2	-0.1
Mining support activities	2131		06/09	107.5	106.9	106.8	-6.2	-0.1
Mining support activities	21311		06/09	107.5	106.9	106.8	-6.2	-0.1
Drilling oil and gas wells	213111		12/85	321.7	316.2	316.3	-14.6	0.0
Primary services		213111-P	12/85	319.8	313.9	314.1	-15.2	0.1
Drilling oil, gas, dry, or service wells		213111-01	12/85	311.1	305.0	304.5	-15.2	-0.2
Drilling in, spudding in, tailing in, or reworking oil and gas wells		213111-02	12/92	264.9	260.3	265.0	-22.3	1.8
Oil and gas well directional drilling control		213111-03	12/03	142.3	142.3	142.3	0.0	0.0
Secondary products and miscellaneous receipts		213111-SM						
Support activities for oil and gas operations	213112		12/85	192.3	192.2	192.2	-2.2	0.0
Primary services		213112-P	12/85	193.6	193.4	193.4	-2.0	0.0
Secondary products and miscellaneous receipts		213112-SM						
Miscellaneous receipts		213112-M	11/94	–	190.6	–	–	–
Support activities for coal mining	213113		06/85	181.4	182.9	182.2	-7.1	-0.4
Primary services		213113-P	06/85	182.9	184.5	183.8	-7.1	-0.4
Coal mining services		213113-0	06/85	182.9	184.5	183.8	-7.1	-0.4
Support activities for metal mining	213114		12/85	157.3	156.5	151.7	-3.3	-3.1
Primary services		213114-P	12/85	159.1	158.3	153.5	-3.3	-3.0
Metal mining services		213114-0	12/85	159.1	158.3	153.5	-3.3	-3.0
Support activities for nonmetallic minerals	213115		06/85	144.1	144.1	144.1	-1.3	0.0
Primary services		213115-P	06/85	138.7	138.7	138.7	-1.4	0.0
Nonmetallic minerals support activity (except fuels)		213115-0	06/85	138.7	138.7	138.7	-1.4	0.0
Utilities	221		12/03	130.8	136.2	139.6	-2.3	2.5
Electric power generation, transmission, and distribution	2211		12/03	133.7	140.4	143.4	-2.9	2.1
Electric power generation	22111		12/03	112.9	122.3	130.0	-6.3	6.3
Electric power generation	221110		12/03	112.9	122.3	130.0	-6.3	6.3
Primary products		221110-P	12/03	112.1	122.2	130.5	-6.9	6.8
Utilities		221110-4	12/03	123.7	137.8	140.9	-6.5	2.2
Non-utilities		221110-5	12/03	89.7	93.6	108.6	-7.5	16.0
Secondary products and miscellaneous receipts		221110-SM						
Miscellaneous receipts		221110-M	12/03	109.6	110.1	111.0	-1.2	0.8
Electric power transmission, control, and distribution	22112		12/03	140.8	146.4	147.7	-1.7	0.9
Electric bulk power transmission and control	221121		12/03	157.1	154.4	158.5	3.8	2.7
Primary products		221121-P	12/03	157.5	154.7	158.9	3.9	2.7
Electric bulk power transmission and control		221121-3	12/03	157.5	154.7	158.9	3.9	2.7
Secondary products and miscellaneous receipts		221121-SM1						
Electric power distribution	221122		12/03	140.4	146.1	147.4	-1.7	0.9
Primary products		221122-P	12/90	168.6	176.4	178.1	-1.8	1.0
Residential electric power		221122-41	12/90	170.2	174.7	175.7	-0.3	0.6
New England		221122-411	12/90	154.9	156.0	155.3	5.2	-0.4
Middle Atlantic		221122-412	12/90	144.8	136.2	138.6	2.7	1.8
East North Central		221122-413	12/90	177.7	188.7	187.7	0.6	-0.5
West North Central		221122-414	12/90	153.2	173.2	172.5	2.4	-0.4
South Atlantic		221122-415	12/90	168.6	173.6	175.0	-3.0	0.8
East South Central		221122-416	12/90	180.6	183.0	187.4	-0.1	2.4
West South Central		221122-417	12/90	169.8	176.7	179.8	-4.2	1.8
Mountain		221122-418	12/90	146.2	157.2	157.2	-2.1	0.0
Pacific		221122-419	12/90	203.6	201.7	201.6	2.2	0.0
Commercial electric power		221122-42	12/90	166.0	175.4	176.2	-2.1	0.5
New England		221122-421	12/90	192.8	196.4	190.4	-1.6	-3.1
Middle Atlantic		221122-422	12/90	129.7	125.5	129.9	1.9	3.5
East North Central		221122-423	12/90	164.5	163.1	166.7	-2.0	2.2
West North Central		221122-424	12/90	146.3	177.4	175.5	1.6	-1.1
South Atlantic		221122-425	12/90	148.0	147.1	149.1	-3.6	1.4
East South Central		221122-426	12/90	170.1	173.5	177.2	-1.0	2.1
West South Central		221122-427	12/90	183.1	198.9	197.2	-3.2	-0.9
Mountain		221122-428	12/90	134.1	137.4	137.4	-5.0	0.0
Pacific		221122-429	12/90	210.8	261.0	257.8	-3.5	-1.2
Industrial electric power		221122-43	12/90	170.4	182.9	188.2	-4.8	2.9
New England		221122-431	12/90	126.4	121.1	121.9	-1.1	0.7

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Electric power distribution - Continued								
Middle Atlantic		221122-432	12/90	138.8	152.9	164.3	2.7	7.5
East North Central		221122-433	12/90	178.4	176.2	201.1	-8.6	14.1
West North Central		221122-434	12/90	172.2	199.8	199.6	5.4	-0.1
South Atlantic		221122-435	12/90	155.4	154.6	153.0	-3.1	-1.0
East South Central		221122-436	12/90	150.1	154.5	157.1	-3.3	1.7
West South Central		221122-437	12/90	218.0	231.0	230.4	-7.4	-0.3
Mountain		221122-438	12/90	141.1	150.0	150.0	-5.6	0.0
Pacific		221122-439	12/90	183.3	240.8	237.5	-9.3	-1.4
Transportation electric power		221122-45	12/10	107.9	115.0	113.0	-2.1	-1.7
Secondary products and miscellaneous receipts		221122-SM						
Miscellaneous receipts		221122-M	12/90	171.2	170.2	170.1	-0.6	-0.1
Natural gas distribution	2212		12/03	104.7	104.8	109.0	0.3	4.0
Natural gas distribution	22121		12/03	104.7	104.8	109.0	0.3	4.0
Natural gas distribution	221210		12/03	104.7	104.7	109.0	0.3	4.1
Primary products		221210-P	12/90	172.7	172.8	180.1	0.1	4.2
Natural gas to ultimate consumers		221210-11	12/90	172.0	172.1	180.5	-0.1	4.9
Residential natural gas		221210-112	12/90	173.5	174.9	185.1	0.8	5.8
Commercial natural gas		221210-113	12/90	163.9	162.5	170.2	-1.8	4.7
Industrial natural gas		221210-114	12/90	142.5	139.9	148.1	-3.1	5.9
To electric power		221210-115	12/90	151.8	151.7	157.3	0.1	3.7
Delivered to ultimate consumers for the account of others (transportation only)		221210-12	12/90	157.5	157.4	156.3	2.0	-0.7
Industrial consumer		221210-122	12/90	153.9	152.5	152.6	3.8	0.1
Other consumers		221210-123	12/90	318.8	320.7	316.4	0.5	-1.3
Secondary products and miscellaneous receipts		221210-SM						
Miscellaneous receipts		221210-M	12/90	180.3	180.3	180.3	2.4	0.0
Secondary products		221210-S	12/10	119.8	119.9	119.9	3.3	0.0
Construction industries								
New industrial building construction	236211		06/07	119.0	119.2	118.2	-0.4	-0.8
Primary products		236211-P	06/07	119.0	119.2	118.2	-0.4	-0.8
New warehouse building construction	236221		12/04	141.5	143.0	142.8	1.4	-0.1
Primary products		236221-P	12/04	141.5	143.0	142.8	1.4	-0.1
New school building construction	236222		12/05	150.3	151.9	149.7	0.1	-1.4
Primary products		236222-P	12/05	150.3	151.9	149.7	0.1	-1.4
New office building construction	236223		06/06	126.7	128.2	128.1	1.5	-0.1
Primary products		236223-P	06/06	126.7	128.2	128.1	1.5	-0.1
New health care building construction	236224		06/12	105.7	106.6	105.8	1.0	-0.8
Primary products		236224-P	06/12	105.7	106.6	105.8	1.0	-0.8
Concrete contractors, nonresidential building work	23811X		12/07	114.8	116.5	117.8	4.7	1.1
Primary products		23811X-P	12/07	114.8	116.5	117.8	4.7	1.1
Roofing contractors, nonresidential building work	23816X		12/07	128.4	129.0	128.9	1.3	-0.1
Primary products		23816X-P	12/07	128.4	129.0	128.9	1.3	-0.1
Nonresidential building maintenance & repair	2381MR		04/09	112.1	112.4	112.6	0.9	0.2
Electrical contractors, nonresidential building work	23821X		12/07	115.8	116.2	113.9	0.4	-2.0
Primary products		23821X-P	12/07	115.8	116.2	113.9	0.4	-2.0
Plumbing, heating and air-conditioning contractors, nonresidential building work	23822X		12/07	121.6	122.7	121.0	-2.0	-1.4
Primary products		23822X-P	12/07	121.6	122.7	121.0	-2.0	-1.4
Manufacturing								
Total manufacturing industries			12/84	179.3	183.5	183.0	-2.9	-0.3
Food mfg	311		12/84	194.1	197.8	197.2	-3.1	-0.3
Animal food mfg	3111		12/03	155.3	161.4	162.0	0.9	0.4
Animal food mfg	31111		12/03	156.1	162.0	162.6	1.1	0.4
Dog and cat food manufacturing	311111		12/85	213.8	217.7	217.7	2.3	0.0
Primary products		311111-P	12/85	215.3	219.5	219.6	2.5	0.0
Dog food		311111-1	12/85	225.7	232.1	232.1	2.7	0.0
Canned dog food		311111-11	12/98	144.6	145.3	145.3	0.4	0.0
Dry and semi moist dog food		311111-14	12/11	110.4	114.1	114.1	3.3	0.0
Cat food		311111-4	12/85	198.0	198.6	198.6	2.0	0.0
Canned cat food		311111-44	12/11	117.8	119.4	119.4	5.9	0.0
Dry and semi moist cat food		311111-45	12/98	170.0	169.5	169.5	-0.3	0.0
Secondary products and miscellaneous receipts		311111-SM						
Miscellaneous receipts		311111-M1	12/10	123.5	123.5	123.5	0.0	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Other animal food manufacturing	311119		12/80	169.0	177.6	178.5	0.2	0.5
Primary products		311119-P	12/80	165.1	173.6	174.6	0.3	0.6
Swine feed, supplements, concentrates, and premixes		311119-B	12/11	90.5	97.6	97.3	1.8	-0.3
Beef cattle feed, supplements, concentrates, and premixes		311119-H	12/11	100.0	100.5	99.7	-2.7	-0.8
Other poultry and livestock feeds		311119-N	12/80	251.1	253.9	253.9	2.4	0.0
Other prepared animal feeds, including feeding materials and adjuncts		311119-Q	12/80	195.8	197.6	194.0	-7.4	-1.8
Specialty feeds		311119-R	06/91	185.1	188.6	187.0	-2.2	-0.8
Chicken and turkey feed, supplements, concentrates, and premixes		311119-1	12/80	131.9	140.5	144.3	2.7	2.7
Dairy cattle feed, supplements, concentrates, and premixes		311119-5	12/11	91.5	97.8	96.4	-1.9	-1.4
Secondary products and miscellaneous receipts		311119-SM						
Miscellaneous receipts		311119-M	12/80	182.7	192.1	192.0	-1.3	-0.1
Secondary products		311119-S	12/80	289.3	289.4	291.2	3.2	0.6
Grain & oilseed milling	3112		12/03	132.1	139.0	138.7	-0.9	-0.2
Flour milling & malt mfg	31121		12/03	151.7	151.8	147.9	-7.8	-2.6
Flour milling	311211		06/83	173.9	175.6	169.5	-9.7	-3.5
Primary products		311211-P	06/83	178.1	179.8	173.5	-9.5	-3.5
Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills		311211-A	06/83	200.8	198.7	197.8	-0.6	-0.5
Other grain mill products		311211-B	06/83	201.7	204.6	201.3	-8.0	-1.6
Wheat flour (except flour mixes), made in flour mills		311211-1	06/83	194.2	195.5	187.0	-13.0	-4.3
Wheat mill products, except flour		311211-4	06/83	88.6	88.6	91.0	7.6	2.7
Corn mill products		311211-7	06/83	158.4	164.4	156.8	-4.3	-4.6
Secondary products and miscellaneous receipts		311211-SM						
Miscellaneous receipts		311211-M	06/92	91.6	94.4	89.1	-23.9	-5.6
Secondary products		311211-S	06/83	135.5	137.8	137.5	-3.2	-0.2
Rice milling	311212		06/84	163.6	158.8	158.6	-3.5	-0.1
Primary products		311212-P	06/84	163.7	158.6	158.4	-3.8	-0.1
Milled rice and byproducts		311212-0	12/03	157.7	152.7	152.5	-3.8	-0.1
Milled rice (incl second heads, screenings, brewers, bran, sharps, rice flour, and byproducts)		311212-04	06/03	214.8	199.5	199.6	-11.8	0.1
Head rice not packaged with other ingredients		311212-06	12/11	91.9	89.1	88.9	-3.3	-0.2
Secondary products and miscellaneous receipts		311212-SM						
Malt manufacturing	311213		06/85	174.6	174.2	173.3	-1.3	-0.5
Primary products		311213-P	06/85	175.2	174.9	174.0	-1.3	-0.5
Malt		311213-0	06/85	175.2	174.9	174.0	-1.3	-0.5
Starch & vegetable fats & oils mfg	31122		12/03	125.9	137.7	138.0	1.1	0.2
Wet corn milling	311221		06/85	173.1	176.3	179.3	0.6	1.7
Primary products		311221-P	06/85	182.7	184.9	188.1	3.4	1.7
Wet process corn byproducts		311221-A	06/85	174.1	165.7	174.9	-8.0	5.6
Corn sweeteners		311221-1	06/85	187.5	194.3	195.8	17.5	0.8
Manufactured starch, except laundry		311221-4	06/85	228.8	230.4	231.8	-2.2	0.6
Secondary products and miscellaneous receipts		311221-SM						
Oilseed processing	311224		12/11	73.6	88.8	89.0	2.9	0.2
Primary products		311224-P	12/11	73.6	89.7	90.3	4.4	0.7
Soybean processing		311224-1	12/79	113.0	140.6	141.7	5.1	0.8
Soybean oil		311224-11	12/79	140.3	139.7	136.8	-6.3	-2.1
Crude soybean oil, degummed		311224-111	05/88	169.8	168.3	167.3	-4.8	-0.6
Soybean oil, all other types		311224-112	12/03	139.9	140.3	134.2	-8.5	-4.3
Soybean cake, meal, and other byproducts		311224-12	12/79	109.6	154.8	158.2	11.3	2.2
Soybean cake and meal		311224-121	12/09	76.9	112.5	115.6	13.2	2.8
Other soybean products, including isolates and concentrates		311224-122	12/09	120.5	117.8	112.9	-10.1	-4.2
Other oilseed processing		311224-2	12/03	190.5	192.9	190.1	-2.7	-1.5
Cotton linters		311224-23	06/85	197.6	197.6	197.6	18.9	0.0
Cottonseed cake, meal, hulls, and other byproducts		311224-24	06/85	354.2	411.2	400.0	-5.5	-2.7
Cottonseed cake and meal		311224-241	12/11	76.2	92.5	89.8	-6.1	-2.9
Other vegetable oils and vegetable mill products		311224-25	12/11	103.7	103.6	103.6	-1.0	0.0
Other vegetable oils, once refined		311224-252	12/85	157.5	161.3	157.4	-15.1	-2.4
Other vegetable oil mill products		311224-253	12/85	284.6	283.1	284.1	-1.4	0.4
Secondary products and miscellaneous receipts		311224-SM						
Fats and oils refining and blending	311225		12/81	239.0	246.5	244.3	-0.4	-0.9
Primary products		311225-P	12/81	253.1	262.0	259.3	-0.5	-1.0
Shortening and cooking oils		311225-2	12/81	232.3	241.4	237.4	-1.5	-1.7
Margarine, butter blends, and butter substitutes		311225-4	02/04	131.0	132.5	135.8	5.7	2.5
Secondary products and miscellaneous receipts		311225-SM						
Miscellaneous receipts		311225-M	12/81	107.2	105.4	104.3	3.1	-1.0
Secondary products		311225-S	02/04	125.9	128.0	128.2	-1.5	0.2

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Breakfast cereal manufacturing	31123		12/03	130.5	128.8	130.4	1.4	1.2
Breakfast cereal manufacturing	311230		12/83	217.0	214.2	216.8	1.3	1.2
Primary products		311230-P	12/83	228.3	224.8	228.1	1.2	1.5
Breakfast cereal		311230-1	12/83	227.2	223.6	226.9	1.2	1.5
Secondary products and miscellaneous receipts		311230-SM						
Secondary products		311230-S	12/83	193.0	192.9	192.9	-0.1	0.0
Sugar & confectionery product mfg	3113		12/84	200.6	200.6	200.4	0.2	-0.1
Sugar mfg	31131		12/03	137.9	137.7	138.0	-0.6	0.2
Beet sugar manufacturing	311313		06/82	144.5	140.2	138.6	-7.8	-1.1
Primary products		311313-P	06/82	147.9	143.5	141.9	-7.9	-1.1
Beet sugar		311313-0	06/82	150.4	145.9	144.2	-7.9	-1.2
Sugar cane mills and cane sugar refining	311314		12/11	83.9	85.5	86.4	4.9	1.1
Primary products		311314-P	12/11	83.7	85.3	86.2	4.1	1.1
Raw cane sugar and sugar cane mill products and by-products		311314-1	06/82	148.0	152.7	155.9	7.1	2.1
Refined granulated cane sugar and by-products		311314-2	06/82	186.2	188.6	189.6	2.5	0.5
Secondary products and miscellaneous receipts		311314-SM						
Nonchocolate confectionery mfg	31134		12/03	140.0	140.2	140.1	0.4	-0.1
Nonchocolate confectionery manufacturing	311340		12/03	139.9	140.2	140.1	0.5	-0.1
Primary products		311340-P	12/03	140.9	141.2	141.1	0.5	-0.1
Nonchocolate-type confectioneries, made/pkg. for shipment		311340-1	06/83	206.8	207.5	207.3	0.6	-0.1
Chewing gum, bubble gum, and chewing gum base		311340-4	12/84	234.0	234.0	234.0	0.1	0.0
Other confectionery-type products		311340-7	06/91	178.9	178.2	178.3	0.5	0.1
Secondary products and miscellaneous receipts		311340-SM						
Chocolate and confectionery manufacturing	31135		12/11	106.5	106.5	106.2	0.4	-0.3
Chocolate and confectionery mfg. from cacao	311351		12/11	106.1	104.6	103.8	-1.7	-0.8
Primary products		311351-P	12/11	106.1	104.3	103.4	-2.1	-0.9
Chocolate coatings, made from cacao beans		311351-1	12/11	102.9	–	99.3	-2.8	–
Chocolate/chocolate-type confectionery prods., cacao beans		311351-4	12/11	106.9	107.3	106.1	-0.2	-1.1
Other chocolate and cocoa products, made from cacao beans		311351-7	12/11	106.5	102.5	102.0	-4.0	-0.5
Sweetened chocolate, excluding coatings, cacao beans		311351-71	12/11	102.8	101.7	100.1	-1.1	-1.6
Sweet./unsweet. chocolate/cocoa powder, cacao beans		311351-72	12/11	104.4	94.4	94.4	-9.6	0.0
Cocoa butter/liquor/cocoa base chocolate syrup, cacao beans		311351-73	12/11	116.5	–	–	–	–
Secondary products and miscellaneous receipts		311351-SM1						
Confectionery mfg. from purchased chocolate	311352		12/11	106.7	107.4	107.3	1.3	-0.1
Primary products		311352-P	12/11	106.8	107.2	107.2	1.5	0.0
Chocolate/confectionery prods., purch. chocolate not retailed		311352-1	12/11	106.7	107.0	107.0	1.4	0.0
Chocolate and confectioneries, purchased chocolate retailed		311352-2	12/11	109.1	111.1	110.9	2.8	-0.2
Secondary products and miscellaneous receipts		311352-SM						
Miscellaneous receipts		311352-M	12/11	110.1	114.2	113.0	2.6	-1.1
Secondary products		311352-S	12/11	103.6	–	104.7	-0.4	–
Fruit & vegetable preserving & specialty food mfg	3114		12/84	181.3	181.1	180.9	-1.1	-0.1
Frozen food manufacturing	31141		12/03	131.4	131.4	130.2	-1.2	-0.9
Frozen fruit and vegetable manufacturing	311411		06/81	224.8	223.7	223.4	0.2	-0.1
Primary products		311411-P	06/81	206.0	207.4	207.2	1.0	-0.1
Frozen fruits, juices, ades, drinks, and cocktails		311411-1	06/81	181.8	185.8	184.9	0.4	-0.5
Frozen fruits		311411-11	12/90	208.1	209.9	206.5	-2.7	-1.6
Frozen concentrated juices, excluding orange juice		311411-16	06/81	200.3	206.4	207.4	7.1	0.5
Frozen concentrated orange juice, consumer and institutional		311411-17	06/81	160.6	165.9	166.4	-0.4	0.3
Frozen vegetables		311411-4	06/81	222.5	222.9	222.9	1.2	0.0
Frozen vegetables, other than potoato products		311411-47	12/11	101.7	101.9	102.0	1.0	0.1
Frozen potato products (French-fried, patties, puffs, etc.)		311411-48	12/11	100.6	100.7	100.7	1.4	0.0
Secondary products and miscellaneous receipts		311411-SM						
Miscellaneous receipts		311411-M	06/97	209.2	170.7	170.7	–	0.0
Secondary products		311411-S	06/81	155.5	143.6	142.8	-8.6	-0.6
Frozen specialty food manufacturing	311412		12/82	165.9	166.7	164.2	-2.3	-1.5
Primary products		311412-P	12/82	169.4	170.1	167.5	-2.3	-1.5
Frozen dinners and nationality foods		311412-1	12/82	162.8	163.8	160.1	-3.6	-2.3
Other frozen specialties, excluding seafood		311412-4	06/91	145.9	146.0	146.1	0.6	0.1
Secondary products and miscellaneous receipts		311412-SM						
Secondary products		311412-S	12/82	145.8	146.5	146.4	-0.5	-0.1
Fruit & vegetable canning, pickling & drying	31142		12/03	139.8	139.6	140.1	-1.1	0.4
Fruit and vegetable canning	311421		06/81	203.5	203.3	205.4	-1.5	1.0
Primary products		311421-P	06/81	204.3	205.3	206.8	-1.1	0.7
Canned vegetable juices		311421-A	06/81	174.9	174.8	174.6	6.4	-0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Fruit and vegetable canning - Continued								
Canned catsup and other tomato based sauces		311421-D	06/81	170.2	172.1	169.1	-7.8	-1.7
Canned jams, jellies and preserves		311421-G	06/81	202.0	202.0	202.0	0.3	0.0
Canned and fresh fruit juices, nectars, and concentrates		311421-K	12/11	105.1	107.0	110.7	6.2	3.5
Pickles and other pickled products, including horseradish		311421-Q	06/81	239.0	239.2	239.3	1.5	0.0
Canned fruits, excluding baby foods		311421-1	06/81	257.0	248.8	248.2	-2.1	-0.2
Canned vegetables		311421-5	06/81	188.4	190.8	190.5	-8.2	-0.2
Secondary products and miscellaneous receipts		311421-SM						
Miscellaneous receipts		311421-M	06/81	127.1	117.4	126.7	-10.1	7.9
Secondary products		311421-S	06/81	224.6	214.0	218.7	-3.2	2.2
Specialty canning	311422		12/82	229.8	229.6	227.8	-0.7	-0.8
Primary products		311422-P	12/82	243.6	244.4	243.6	-0.6	-0.3
Canned baby foods and other canned specialty/nationality foods		311422-1Z	06/08	110.0	111.3	110.5	-0.5	-0.7
Canned soups and stews, excluding frozen and seafood		311422-4Z	12/82	315.8	316.1	315.4	0.4	-0.2
Canned dry beans		311422-7	12/82	160.7	160.9	160.7	-4.8	-0.1
Secondary products and miscellaneous receipts		311422-SM						
Secondary products		311422-S	12/82	180.0	177.7	174.0	-1.2	-2.1
Dried and dehydrated food manufacturing	311423		12/82	232.3	231.9	231.1	0.3	-0.3
Primary products		311423-P	12/82	242.4	242.3	241.3	4.2	-0.4
Dried and dehydrated fruits and vegetables, incl. freeze-dried		311423-5	12/82	225.5	225.4	224.4	2.8	-0.4
Secondary products and miscellaneous receipts		311423-SM						
Secondary products		311423-S	12/82	192.4	182.2	182.9	-22.3	0.4
Dairy product mfg	3115		12/84	189.0	187.2	191.4	-1.7	2.2
Dairy product (except frozen) mfg	31151		12/03	134.7	133.4	136.8	-2.0	2.5
Fluid milk manufacturing	311511		12/82	222.7	219.7	224.1	-0.8	2.0
Primary products		311511-P	12/82	205.7	204.1	208.5	-1.0	2.2
Yogurt, except frozen		311511-A	12/82	156.6	156.8	156.7	0.4	-0.1
Perishable dairy product substitutes		311511-D	12/91	146.2	156.4	156.8	18.3	0.3
Other packaged milk products		311511-G	12/91	198.9	199.2	200.6	-2.0	0.7
Fluid milk and cream, bulk sales		311511-1	12/91	170.2	161.9	171.7	6.7	6.1
Fluid milk and related products, packaged (incl. cartons, bottles, cans, etc.) excl. U.H.T.		311511-5	12/82	210.4	209.7	213.4	-4.7	1.8
Fluid milk, whole, packaged, except U.H.T.		311511-51	12/82	199.2	197.2	200.0	-7.1	1.4
Fluid milk, lowfat, packaged, except U.H.T.		311511-52	12/82	214.6	213.7	217.0	-7.9	1.5
Fluid milk, skim, packaged, except U.H.T.		311511-53	12/82	210.2	210.3	212.1	-11.1	0.9
Other fluid milk related products, packaged, incl. cartons, bottles, cans, and dispenser cans		311511-54	06/98	180.6	182.3	188.0	10.2	3.1
Cottage cheese (including bakers', pot, and farmers' cheese)		311511-7	12/82	247.2	247.3	250.0	0.7	1.1
Secondary products and miscellaneous receipts		311511-SM						
Miscellaneous receipts		311511-M	12/82	317.9	315.0	321.6	2.6	2.1
Secondary products		311511-S	12/82	213.9	202.0	203.8	-2.7	0.9
Creamery butter manufacturing	311512		06/84	139.0	154.1	158.0	11.5	2.5
Primary products		311512-P	06/84	138.9	157.3	161.2	18.9	2.5
Creamery butter		311512-0	06/84	138.9	157.3	161.2	18.9	2.5
Secondary products and miscellaneous receipts		311512-SM						
Secondary products		311512-S	06/84	94.4	88.5	91.0	-28.7	2.8
Cheese manufacturing	311513		06/81	169.2	165.3	170.7	-5.6	3.3
Primary products		311513-P	06/81	160.5	156.8	161.9	-5.2	3.3
Raw liquid whey		311513-A	12/04	116.3	116.2	121.3	-23.2	4.4
Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried etc.) excl. cottage cheese		311513-1	06/81	151.9	147.9	153.8	-5.0	4.0
Natural cheese, except lowfat, shipped in consumer packages or containers (3 lbs. or less)		311513-1111	12/04	123.5	123.5	124.4	-0.6	0.7
Natural cheese, except lowfat, shipped in packages or containers (more than 3 lbs.) or bulk		311513-1121	12/04	98.3	94.4	99.5	-8.0	5.4
Lowfat natural cheese, except cottage cheese, shipped in consumer packages (3 lbs. or less)		311513-1131	06/10	103.8	98.5	103.8	-0.1	5.4
Lowfat natural cheese, except cottage cheese, shipped in packages (more than 3 lbs.) or in bulk		311513-1141	06/10	109.2	106.9	114.4	-3.0	7.0
Process cheese and related products		311513-4	06/81	158.1	155.5	157.9	-6.0	1.5
Process cheese, shipped in consumer packages or containers (3 lbs. or less)		311513-41	06/10	113.1	113.2	112.6	-1.7	-0.5
All other process cheese and related products		311513-42	06/10	111.1	108.3	111.1	-8.0	2.6
Secondary products and miscellaneous receipts		311513-SM						
Miscellaneous receipts		311513-M	06/81	198.3	183.6	186.4	–	1.5
Secondary products		311513-S	06/81	145.9	150.2	156.9	-0.3	4.5
Dry, condensed, and evaporated dairy products	311514		12/83	170.8	172.4	176.5	1.1	2.4
Primary products		311514-P	12/83	187.1	185.9	190.9	0.9	2.7

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Dry, condensed, and evaporated dairy products - Continued								
Ice cream mixes and related products		311514-A	04/00	109.6	108.7	110.0	–	1.2
Dairy product substitutes		311514-D	06/92	157.0	157.1	157.1	1.1	0.0
Dry milk products and mixtures		311514-1	12/83	150.4	148.9	158.6	2.7	6.5
Canned milk products (consumer-type cans), except substitutes		311514-5	12/83	284.9	283.8	284.0	-0.1	0.1
Concentrated milk products shipped in bulk (barrels, drums, and tanks)		311514-7	12/83	97.5	95.2	100.8	-17.9	5.9
Secondary products and miscellaneous receipts		311514-SM						
Secondary products		311514-S	12/83	107.3	110.5	112.9	–	2.2
Ice cream and frozen dessert mfg	31152		12/03	136.0	135.3	135.5	0.3	0.1
Ice cream and frozen dessert manufacturing	311520		06/83	218.5	217.4	217.6	0.2	0.1
Primary products		311520-P	06/83	223.9	222.3	222.8	0.4	0.2
Ice cream and frozen dessert manufacturing		311520-0	06/83	223.9	222.3	222.8	0.4	0.2
Ice cream, excl. lowfat and nonfat (incl. custards), shipped in bulk (containers 3 gal or more)		311520-01	06/83	232.5	231.1	228.7	0.7	-1.0
Ice cream, excl. lowfat and nonfat (incl. custards), shipped in sizes (less than 3 gal)		311520-02	06/83	231.9	230.2	231.1	0.2	0.4
Ice cream, excluding lowfat and nonfat (including custards), novelty forms		311520-03	06/92	155.0	154.0	155.1	0.1	0.7
Lowfat and nonfat ice cream (including custards)		311520-04	12/98	139.5	137.0	137.0	-1.1	0.0
Other frozen desserts (yogurt, sherbet, water ices, mellorine, frozen pudding etc.)		311520-05	12/98	160.7	160.5	160.3	2.2	-0.1
Secondary products and miscellaneous receipts		311520-SM						
Miscellaneous receipts		311520-M	06/83	210.2	210.3	210.3	2.0	0.0
Secondary products		311520-S	06/83	157.0	160.4	158.2	-4.5	-1.4
Animal slaughtering & processing	31161		12/84	174.5	185.0	180.4	-5.5	-2.5
Animal, except poultry, slaughtering	311611		12/80	185.5	201.1	189.0	-10.7	-6.0
Primary products		311611-P	12/80	185.7	202.8	189.5	-11.2	-6.6
Pork, not canned or made into sausage, slaughtering plants		311611-A	12/80	124.9	138.6	144.4	3.6	4.2
Pork, processed, not made into sausage, slaughtering plants		311611-G	12/80	185.6	182.2	192.8	7.1	5.8
Sausage/similar products, exc. canned, slaughtering plants		311611-J	12/80	216.6	234.3	248.3	7.8	6.0
Hides, skins, and pelts, made in slaughtering plants		311611-Q	12/80	175.8	206.2	182.1	-10.7	-11.7
Miscellaneous byproducts of slaughtering plants		311611-R	12/80	265.5	352.0	348.4	22.5	-1.0
Beef, not canned or made into sausage, slaughtering plants		311611-1	12/80	205.9	222.4	196.2	-19.3	-11.8
Beef, fresh/frozen whole/half carcass, slaughtering plants		311611-10	12/80	204.0	189.2	187.6	-22.1	-0.8
Beef, fresh/frozen variety meats/other meats, slaughtering		311611-16	12/80	155.8	148.8	160.5	-20.7	7.9
Beef, fresh/frozen, primal and subprimal cut, slaughtering		311611-17	12/95	186.9	205.5	178.1	-19.0	-13.3
Veal, not canned or made into sausage, slaughtering plants		311611-4	01/89	128.6	119.9	119.9	-19.2	0.0
Lamb/mutton, not canned/made into sausage, slaughtering		311611-7	12/95	210.6	211.6	211.9	-0.7	0.1
Secondary products and miscellaneous receipts		311611-SM						
Miscellaneous receipts		311611-M	06/01	205.8	204.3	215.3	–	5.4
Secondary products		311611-S	12/80	121.0	114.2	113.3	-16.6	-0.8
Meat processed from carcasses	311612		12/82	176.3	181.7	183.2	-1.6	0.8
Primary products		311612-P	12/82	171.3	176.3	177.9	-1.7	0.9
Other processed, frozen, or cooked meats, made from purchased carcasses		311612-A	12/82	176.4	180.9	184.6	-4.7	2.0
Boxed meat (beef, pork, lamb, etc.), made from purchased carcasses		311612-A1	06/08	115.9	122.3	123.8	1.9	1.2
Frozen ground meat patties, made from purchased carcasses		311612-A2	12/88	188.2	186.7	191.3	-18.1	2.5
Frozen portion control meats, made from purchased carcasses		311612-A3	12/88	154.8	158.7	158.6	-1.2	-0.1
Pork rind pellets (incl cracklings), oth proc, froz or cooked meats & collagen sausage casings		311612-A4	12/88	150.2	152.3	157.5	-2.4	3.4
Pork, processed or cured, not canned or made into sausage, mfpc		311612-1	12/82	143.9	148.1	145.9	3.0	-1.5
Smoked hams and picnics, except canned, made from purchased carcasses		311612-12	06/08	119.7	127.6	121.8	-1.4	-4.5
Smoked sliced bacon, made from purchased carcasses		311612-14	06/08	140.0	145.2	144.1	13.7	-0.8
Boiled ham, barbecue pork, and other cooked pork, except canned meats and sausage, mfpc		311612-16	06/08	111.0	109.9	111.6	-0.4	1.5
Sausage and similar products, except canned, made from purchased carcasses		311612-4	12/82	186.3	191.6	193.2	0.5	0.8
Fresh sausage (pork sausage, breakfast links, etc.), except canned, mfpc		311612-41	12/82	201.9	212.0	212.8	3.5	0.4
Dry or semidry sausage (salami, cervelat, pepperoni, summer sausage, pork roll, etc), mfpc		311612-42	12/82	171.5	179.1	184.1	-0.1	2.8
Frankfurters, including wieners, except canned, made from purchased carcasses		311612-43	12/82	209.7	211.4	210.8	-1.5	-0.3
Other sausage (smoked or cooked) & jellied goods & similar preparations, except canned, mfpc		311612-44	12/82	177.7	180.2	180.7	0.2	0.3
Secondary products and miscellaneous receipts		311612-SM						
Miscellaneous receipts		311612-M	12/82	207.3	228.1	219.8	-3.6	-3.6
Secondary products		311612-S	12/82	181.9	184.5	188.7	2.3	2.3
Rendering and meat byproduct processing	311613		12/82	190.3	227.9	247.6	9.5	8.6
Primary products		311613-P	12/82	188.1	224.4	244.7	9.3	9.0
Lard, inedible tallow, and other greases, excluding wool grease		311613-2	12/82	207.5	249.7	237.8	10.1	-4.8
Animal and marine feed and fertilizer byproducts		311613-5	12/82	157.9	187.7	214.5	9.1	14.3

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Rendering and meat byproduct processing - Continued								
Meat and bone meal		311613-51	12/82	115.3	152.9	170.7	14.9	11.6
Animal and marine feed and fertilizer byproducts, except meat and bone meal		311613-52	12/82	215.5	242.9	280.9	6.3	15.6
Secondary products and miscellaneous receipts		311613-SM						
Miscellaneous receipts		311613-M	12/82	148.8	204.6	204.6	–	0.0
Poultry processing	311615		12/81	164.5	170.9	170.0	-1.8	-0.5
Primary products		311615-P	12/81	167.2	173.7	172.3	-2.3	-0.8
Other poultry and small game (including frozen), whole, and parts		311615-A	12/90	134.2	137.8	139.4	-9.0	1.2
Processed poultry and small game (except soups), containing 20 percent or more poultry or meat		311615-D	12/81	151.9	161.0	162.7	1.4	1.1
Young chickens, including bulk, chilled, frozen, whole, and in parts		311615-1	12/81	176.7	185.6	182.2	-1.5	-1.8
Turkeys (including frozen, whole, and parts)		311615-7	12/81	165.6	155.6	156.3	-12.9	0.4
Secondary products and miscellaneous receipts		311615-SM						
Secondary products		311615-S	12/81	59.1	68.2	82.6	30.3	21.1
Seafood product preparation & packaging	3117		12/03	138.6	140.0	141.2	0.9	0.9
Seafood product preparation and packaging	31171		12/03	138.6	140.0	141.2	0.9	0.9
Seafood product preparation and packaging	311710		12/11	97.0	98.0	98.8	0.8	0.8
Primary products		311710-P	12/11	96.4	97.3	97.8	-0.3	0.5
Seafood canning		311710-1	12/84	155.7	157.1	158.4	-6.1	0.8
Fresh and frozen seafood processing		311710-2	12/82	228.4	230.5	231.9	0.2	0.6
Prepared fresh fish/seafood, inc. surimi/surimi-based products		311710-21	12/82	291.2	317.0	309.4	3.6	-2.4
Prepared frozen fish		311710-22	12/82	244.0	246.6	251.4	3.3	1.9
Prepared frozen shellfish		311710-23	12/96	143.5	138.8	140.6	-1.1	1.3
Other prepared fresh and frozen seafood		311710-24	12/96	148.6	139.6	141.8	-10.9	1.6
Secondary products & miscellaneous receipts		311710-SM						
Secondary products		311710-S	12/82	134.5	–	–	–	–
Bakeries & tortilla mfg	3118		12/03	144.3	143.8	143.9	0.8	0.1
Bread & bakery product mfg	31181		12/03	150.3	149.8	150.0	1.6	0.1
Retail bakeries	311811		12/03	155.1	155.4	155.4	5.4	0.0
Primary products		311811-P	12/99	170.5	170.2	170.2	5.6	0.0
Retail bakery products		311811-0	12/99	170.5	170.2	170.2	5.6	0.0
Secondary products and miscellaneous receipts		311811-SM						
Miscellaneous receipts		311811-M	06/07	161.4	166.5	166.5	3.2	0.0
Secondary products		311811-S	06/07	172.1	172.1	–	–	–
Commercial bakeries	311812		06/80	337.1	335.5	336.3	1.3	0.2
Primary products		311812-P	06/80	341.4	339.5	340.4	1.5	0.3
Pies (fruit, cream, and custard), excluding frozen		311812-A	06/80	359.9	344.4	347.0	-4.3	0.8
Other sweet goods, excluding frozen		311812-D	06/80	312.2	311.2	311.0	0.6	-0.1
Bread (white, wheat, rye, etc.), including frozen		311812-1	06/80	348.7	347.6	348.7	2.1	0.3
White pan bread		311812-11Y	12/11	107.8	108.4	108.2	2.4	-0.2
White hearth bread (French, Italian, etc.)		311812-12Y	12/11	109.3	109.4	109.2	1.3	-0.2
Dark wheat breads (whole wheat, cracked wheat, multigrain, etc.)		311812-13Y	12/11	113.0	108.7	111.3	3.0	2.4
Other variety breads (rye, unleavened, muffin, bagel, croissant)		311812-14Y	12/11	107.8	108.8	108.5	1.5	-0.3
Rolls, bread-type (including muffins, bagels, and croissants)		311812-5	06/80	333.3	332.9	332.2	2.8	-0.2
Rolls, hamburger and wiener		311812-51	12/11	113.1	112.8	112.4	2.9	-0.4
All other rolls, bread-type (incl. muffins, bagels, & croissants)		311812-52	12/11	113.8	113.9	113.9	2.7	0.0
Soft cakes, excluding frozen		311812-7	06/80	356.1	348.9	354.0	-2.3	1.5
Secondary products and miscellaneous receipts		311812-SM						
Miscellaneous receipts		311812-M	06/80	338.8	339.1	338.9	-0.5	-0.1
Secondary products		311812-S	06/80	237.9	238.0	237.9	0.5	0.0
Frozen cakes and other pastries manufacturing	311813		06/91	195.1	194.6	194.6	0.7	0.0
Primary products		311813-P	12/82	276.2	275.4	275.4	0.7	0.0
Frozen bakery product manufacturing		311813-0	12/82	276.2	275.4	275.4	0.7	0.0
Secondary products and miscellaneous receipts		311813-SM						
Cookie, cracker & pasta mfg	31182		12/03	134.5	134.1	134.1	-0.6	0.0
Cookie and cracker manufacturing	311821		06/83	232.5	232.5	232.5	0.1	0.0
Primary products		311821-P	06/83	231.6	231.6	231.6	-0.1	0.0
Crackers, biscuits, and related products		311821-2	06/83	250.5	250.5	250.4	-0.2	0.0
Crackers, biscuits, and related products		311821-25Z	01/12	101.3	101.3	101.3	0.0	0.0
Cookies, wafers, and ice cream cones and cups (excluding frozen)		311821-4	06/83	216.6	216.6	216.6	-0.2	0.0
Secondary products and miscellaneous receipts		311821-SM						
Dry pasta, dough, and flour mixes manufacturing from purchased flour	311824		06/85	191.7	190.5	190.4	-1.4	-0.1
Primary products		311824-P	12/11	101.2	100.8	100.7	-0.5	-0.1
Prepared flour mixes (incl refrigerated & frozen doughs & batters) made from purchased flour		311824-2	06/85	180.8	180.8	181.0	1.4	0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Dry pasta, dough, and flour mixes manufacturing from purchased flour - Continued								
Cake mixes, including gingerbread, made from purchased flour		311824-21	06/92	102.8	102.8	102.8	0.7	0.0
Flour mixes (refrigerated & frozen doughs & batters), ex cake mixes, made from purchased flour		311824-22	06/85	177.8	177.8	178.0	1.5	0.1
Dry macaroni, spaghetti, and egg noodle products, made from purchased flour		311824-3	06/85	211.1	207.3	206.3	-6.0	-0.5
Secondary products and miscellaneous receipts		311824-SM						
Secondary products		311824-S	06/85	246.3	246.5	246.5	1.5	0.0
Tortilla mfg	31183		12/03	136.4	136.3	136.1	0.1	-0.1
Tortilla manufacturing	311830		12/03	136.4	136.3	136.1	0.1	-0.1
Primary products		311830-P	06/91	164.5	164.5	164.2	-0.1	-0.2
Tortillas, sold in bulk or packages, excluding frozen or canned		311830-0	06/91	164.5	164.5	164.2	-0.1	-0.2
Secondary products and miscellaneous receipts		311830-SM						
Secondary products		311830-S	12/03	154.5	154.6	155.1	0.2	0.3
Other food manufacturing	3119		12/03	139.5	136.8	137.4	-9.3	0.4
Snack food mfg	31191		12/03	145.7	145.9	146.0	1.2	0.1
Roasted nuts and peanut butter manufacturing	311911		12/03	156.6	157.1	157.1	3.2	0.0
Primary products		311911-P	12/03	157.9	158.4	158.4	3.5	0.0
Nuts and seeds (salted, roasted, cooked, or blanched)		311911-1	06/91	207.3	208.0	208.0	4.0	0.0
Nuts (salted, roasted, cooked, or blanched), sold in bulk		311911-11	06/91	227.1	231.3	231.5	-12.6	0.1
Canned nuts (salted, roasted, cooked, or blanched)		311911-12	06/91	148.2	148.2	148.2	8.0	0.0
All other packaged nuts, and all seeds (salted, roasted, cooked, or blanched)		311911-13	06/91	282.3	285.4	285.4	2.6	0.0
Peanut butter		311911-4	12/85	195.5	195.5	195.5	0.0	0.0
Secondary products and miscellaneous receipts		311911-SM						
Other snack food manufacturing	311919		06/91	175.0	175.1	175.3	0.3	0.1
Primary products		311919-P	12/85	201.6	201.7	202.0	0.4	0.1
Potato chips and sticks, plain and flavored		311919-1	12/85	204.1	204.1	204.1	0.0	0.0
Corn chips and related products		311919-4	12/85	185.8	185.7	186.6	0.6	0.5
Other chips, sticks, excluding crackers, soft pretzels, and nuts		311919-7	12/03	140.7	141.0	140.9	0.6	-0.1
Secondary products and miscellaneous receipts		311919-SM						
Coffee & tea mfg	31192		12/03	147.4	144.4	144.5	-4.4	0.1
Coffee and tea manufacturing	311920		06/81	206.1	202.0	202.0	-4.4	0.0
Primary products		311920-P	06/81	194.8	190.6	190.4	-4.8	-0.1
Roasted coffee		311920-1	06/81	203.7	198.2	198.4	-5.7	0.1
Tea in consumer packages		311920-7	12/85	152.5	153.0	150.4	-0.7	-1.7
Secondary products and miscellaneous receipts		311920-SM						
Miscellaneous receipts		311920-M	12/00	164.7	164.4	167.4	-0.4	1.8
Secondary products		311920-S	06/81	327.1	327.8	327.8	0.2	0.0
Flavoring syrup & concentrate mfg	31193		12/03	122.7	122.6	122.6	1.2	0.0
Flavoring syrup and concentrate manufacturing	311930		12/85	182.0	181.9	181.8	1.2	-0.1
Primary products		311930-P	12/85	189.0	188.8	188.8	1.2	0.0
Liquid beverage bases, excluding use by soft drink bottlers		311930-1	12/85	180.0	180.0	180.0	0.1	0.0
Soft drink flavoring syrup, sold in bulk		311930-5Y	05/15	102.9	102.9	102.9	2.9	0.0
Other flavoring agents (except chocolate syrups)		311930-8	12/85	126.8	126.6	126.6	0.2	0.0
Secondary products and miscellaneous receipts		311930-SM						
Secondary products		311930-S	06/07	133.4	133.6	133.3	–	-0.2
Seasoning & dressing mfg	31194		12/03	139.2	139.3	143.5	4.2	3.0
Mayonnaise, dressing, and sauce manufacturing	311941		12/03	137.0	137.3	137.3	-0.4	0.0
Primary products		311941-P	06/81	248.2	248.0	248.3	-0.8	0.1
Vinegar and cider		311941-1	12/85	143.7	144.7	143.7	-2.6	-0.7
Prepared sauces, excluding tomato		311941-4	06/81	201.2	201.1	201.6	0.1	0.2
Mayonnaise, salad dressings, and sandwich spreads		311941-7	06/81	260.0	259.4	259.7	-1.3	0.1
Mayonnaise, salad dressings other than pourable, and sandwich spreads		311941-75	06/07	135.4	134.9	135.3	-2.3	0.3
Pourable type salad dressing		311941-76	06/07	128.2	128.2	128.1	0.0	-0.1
Secondary products and miscellaneous receipts		311941-SM						
Miscellaneous receipts		311941-M	06/94	133.2	133.2	133.2	0.0	0.0
Secondary products		311941-S	06/81	200.5	204.1	202.8	1.6	-0.6
Spice and extract manufacturing	311942		12/03	138.7	138.7	146.4	8.2	5.6
Primary products		311942-P	12/03	140.6	140.7	149.2	8.4	6.0
Table salt (evaporated), pepper (white and black), and other spices		311942-1	06/85	211.0	212.4	210.8	-2.4	-0.8
Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)		311942-5	12/85	217.0	217.2	250.6	23.9	15.4
Dry mix food preparations		311942-7	06/91	142.0	141.1	141.2	-0.4	0.1
Secondary products and miscellaneous receipts		311942-SM						
Miscellaneous receipts		311942-M	12/03	117.5	117.5	117.5	0.0	0.0
Secondary products		311942-S	12/03	135.5	135.7	135.8	12.9	0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
All other food mfg.	31199		12/03	135.5	126.2	125.1	-31.9	-0.9
Perishable prepared food manufacturing.	311991		12/03	132.7	131.2	131.1	0.2	-0.1
Primary products.		311991-P	12/85	189.5	186.8	186.7	0.1	-0.1
Perishable prepared food.		311991-0	12/85	189.5	186.8	186.7	0.1	-0.1
Secondary products and miscellaneous receipts.		311991-SM						
Secondary products.		311991-S	12/03	124.5	–	–	–	–
All other miscellaneous food manufacturing.	311999		12/03	135.9	120.4	118.5	-47.3	-1.6
Primary products.		311999-P	12/03	133.1	114.6	112.3	-52.3	-2.0
Secondary products and miscellaneous receipts.		311999-SM						
Secondary products.		311999-S	12/03	128.8	128.7	128.9	3.0	0.2
Beverage & tobacco mfg.	312		12/03	145.2	145.6	146.0	3.2	0.3
Beverage mfg.	3121		12/84	190.3	188.8	189.2	2.3	0.2
Soft drink & ice mfg.	31211		12/03	134.8	132.8	133.0	3.7	0.2
Soft drink manufacturing.	312111		06/81	223.3	220.1	220.4	4.1	0.1
Primary products.		312111-P	06/81	229.6	226.6	226.5	6.1	0.0
Soft drinks, non-carbonated.		312111-A	12/00	147.0	147.1	146.9	-0.1	-0.1
Soft drinks, non-carbonated, all other types.		312111-A3	06/07	112.5	112.5	112.2	-0.1	-0.3
Soft drinks, non-carbonated, fruit drinks, cocktails, ades.		312111-A4	12/11	103.7	103.7	103.7	-0.3	0.0
Soft drinks, bottled, canned, glass, plastic, carbonated.		312111-2	12/11	117.4	115.4	115.3	8.4	-0.1
Secondary products and miscellaneous receipts.		312111-SM						
Miscellaneous receipts.		312111-M	06/81	166.1	160.5	163.0	-13.1	1.6
Secondary products.		312111-S	06/81	252.4	249.3	252.2	1.3	1.2
Bottled water manufacturing.	312112		12/03	89.0	87.2	88.0	-0.8	0.9
Primary products.		312112-P	12/03	87.4	85.6	86.3	-0.9	0.8
Bottled water.		312112-0	12/00	85.8	84.0	84.8	-0.8	1.0
Secondary products and miscellaneous receipts.		312112-SM						
Ice manufacturing.	312113		12/85	213.2	213.3	212.0	-0.5	-0.6
Primary products.		312113-P	12/85	204.0	204.1	202.9	-0.4	-0.6
Ice.		312113-0	12/03	136.7	136.7	135.9	-0.5	-0.6
Secondary products and miscellaneous receipts.		312113-SM						
Breweries.	31212		12/03	136.1	136.1	136.5	0.8	0.3
Breweries.	312120		06/82	204.2	204.2	204.7	0.8	0.2
Primary products.		312120-P	06/82	204.3	204.4	204.5	0.3	0.0
Canned beer and ale case goods.		312120-1	06/82	216.6	216.6	216.6	0.0	0.0
Bottled beer and ale case goods.		312120-4Z	06/82	175.2	175.3	175.5	0.7	0.1
Beer and ale in barrels and kegs.		312120-7	06/82	280.4	281.6	282.7	1.8	0.4
All other malt beverages and brewing products.		312120-9	06/82	150.6	150.6	150.6	0.0	0.0
Secondary products and miscellaneous receipts.		312120-SM						
Miscellaneous receipts.		312120-M	12/02	131.5	131.5	131.5	0.0	0.0
Secondary products.		312120-S	12/03	129.4	128.3	130.8	4.6	1.9
Wineries.	31213		12/03	121.2	121.4	121.8	1.0	0.3
Wineries.	312130		12/83	168.4	168.8	169.3	1.0	0.3
Primary products.		312130-P	12/83	171.9	172.3	172.8	0.9	0.3
Wines, brandy, and brandy spirits.		312130-0	12/98	122.7	123.0	123.4	1.0	0.3
Wines, white, red & rose grape, and other fruit, 14 percent or less alcohol.		312130-08	12/11	103.7	103.9	104.3	0.9	0.4
Wines, white grape, 14 percent or less alcohol content.		312130-0811	12/83	149.9	149.9	150.0	0.2	0.1
Wines, red grape, 14 percent or less alcohol content.		312130-0821	12/83	200.2	200.2	202.1	1.5	0.9
Wines, rose grape & other fruits & berries, 14 percent or less alcohol.		312130-0831	12/11	125.1	130.0	128.8	2.8	-0.9
Wines, dessert, effervescent, and wine coolers.		312130-09	12/11	103.3	104.2	104.2	2.5	0.0
Wines, effervescent, including sparkling (carbonated), wine coolers.		312130-0921	12/11	102.1	103.0	103.0	2.8	0.0
Other wines, brandy, and brandy spirits.		312130-0B	06/06	107.8	107.8	107.8	0.0	0.0
Secondary products and miscellaneous receipts.		312130-SM						
Miscellaneous receipts.		312130-M	12/91	145.5	–	145.5	1.1	–
Distilleries.	31214		12/03	119.5	119.5	119.5	-0.1	0.0
Distilleries.	312140		06/83	196.6	196.7	196.7	-0.1	0.0
Primary products.		312140-P	06/83	192.3	192.3	192.4	0.0	0.1
Distilled liquor, except brandy.		312140-2	07/98	100.3	100.3	100.4	-0.1	0.1
Distilled whiskey, all other distilled liquor, excluding brandy.		312140-22	12/11	107.2	107.2	107.3	-0.1	0.1
Bottled liquor, except brandy.		312140-4	06/83	192.5	192.5	192.5	0.0	0.0
Bottled whiskey.		312140-4B	06/12	100.6	100.6	100.6	0.0	0.0
Bottled gin, vodka, rum, cordials, cocktails, and similiar compounds.		312140-4C	06/12	102.0	102.1	102.1	0.0	0.0
All other bottled liquor, except brandy.		312140-4D	06/12	97.5	97.5	97.5	0.0	0.0
Secondary products and miscellaneous receipts.		312140-SM						
Tobacco mfg.	3122		12/84	650.1	664.5	667.4	5.0	0.4

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Tobacco manufacturing	31223		12/82	711.7	727.5	730.7	5.0	0.4
Tobacco manufacturing	312230		12/11	118.6	121.2	121.8	5.1	0.5
Primary products		312230-P	12/11	120.1	123.0	123.6	5.3	0.5
Tobacco stemming and redrying		312230-0	06/84	108.5	108.8	109.0	-6.2	0.2
Tobacco, unstemmed leaf, redried before packing		312230-01	12/03	107.0	107.4	107.8	0.2	0.4
Tobacco, stemmed		312230-04	06/84	104.7	104.7	104.7	-19.0	0.0
Cigarettes, including nontobacco		312230-1	12/82	747.9	767.4	771.9	5.7	0.6
Other tobacco products		312230-9	12/03	163.3	165.5	165.1	3.4	-0.2
Cigars		312230-91	12/82	576.6	577.1	577.1	0.2	0.0
Chewing and smoking tobacco		312230-94	12/82	623.5	635.0	634.9	4.9	0.0
Secondary products and miscellaneous receipts		312230-SM						
Textile mills	313		12/03	128.2	127.8	127.3	-0.9	-0.4
Fiber, yarn, and thread mills	3131		12/84	130.2	129.0	129.4	-1.9	0.3
Fiber, yarn, and thread mills	31311		12/84	130.2	129.0	129.4	-1.9	0.3
Fiber, yarn, and thread mills	313110		12/11	90.6	89.8	90.1	-1.9	0.3
Primary products		313110-P	12/11	90.1	89.3	89.6	-2.0	0.3
Spun yarns		313110-1	12/82	112.2	111.1	111.5	-2.4	0.4
Carded cotton yarns		313110-11	12/82	81.6	80.0	80.1	-4.5	0.1
Spun noncellulosic fiber and other natural fiber yarns		313110-16	12/96	125.9	126.1	126.3	-0.7	0.2
Greige polyester spun yarn		313110-161	06/08	102.9	103.2	103.2	-0.2	0.0
Other greige spun noncellulosic fibers and other natural fiber yarns		313110-163	12/96	137.1	136.6	137.2	-2.1	0.4
Other noncell. fibers & other natural yarns, spun & finished in the same est.		313110-165	12/11	94.4	95.0	95.0	0.4	0.0
Wool yarns, including new, reused, and reprocessed wool		313110-19	12/96	176.1	176.1	185.7	4.7	5.5
Textured and twisted yarn		313110-2	12/82	165.2	163.4	164.0	-1.6	0.4
Textured/crimped/bulked filament yarns, incl. stretch yarn, made from purchased filament yarn		313110-25	12/82	177.5	175.0	175.3	-1.8	0.2
Commission receipts for throwing, texturing, or winding filament yarns		313110-28	12/82	135.4	135.4	–	–	–
Thread		313110-3	06/84	246.6	246.6	246.6	0.0	0.0
Secondary products and miscellaneous receipts		313110-SM						
Miscellaneous receipts		313110-M	12/11	112.3	–	–	–	–
Fabric mills	3132		12/03	128.3	128.1	127.0	-1.4	-0.9
Broadwoven fabric mills	31321		12/03	131.7	131.4	129.8	-1.9	-1.2
Broadwoven fabric mills	313210		12/03	131.7	131.4	129.7	-1.9	-1.3
Primary products		313210-P	12/03	129.9	129.5	129.4	-0.9	-0.1
Greige manmade fiber broadwoven fabrics		313210-F	06/11	97.8	97.4	97.5	-0.6	0.1
Greige manmade fiber broadwoven fabrics, comb. of spun and filament yarns (exc. wool blends)		313210-FA	04/85	124.2	124.7	124.6	0.1	-0.1
Greige manmade fiber broadwoven fabrics 85 pct. or more filament yarns, rayon/acetate/lyocell		313210-FE	12/04	111.4	111.4	–	–	–
Greige manmade fiber broadwoven fabrics 85 pct or more filament yarn exc rayon/acetate/lyocell		313210-FG	06/81	138.0	136.7	136.7	-1.4	0.0
Greige manmade fiber broadwoven plain weave fabrics 85 pct. or more spun yarns (exc pile/wool)		313210-FH	06/87	98.5	98.4	98.3	-0.2	-0.1
Greige manmade fiber broadwoven twill fabrics, 85 pct or more spun yarns (exc pile/wool blend)		313210-FJ	06/87	143.6	143.2	142.5	-1.1	-0.5
Finished manmade/natural fiber (exc. cotton/wool) broadwoven fabrics, finished in weaving mills		313210-K	06/81	165.4	165.6	164.3	-1.6	-0.8
Fabricated textile products, made in weaving mills		313210-W	12/06	141.1	141.1	141.1	-0.8	0.0
Greige and finished wool broadwoven fabrics and felts		313210-X	06/11	113.7	113.7	113.7	2.2	0.0
Greige cotton broadwoven fabrics		313210-2	06/11	79.4	78.9	79.4	-0.9	0.6
Finished cotton broadwoven fabrics, finished in weaving mills		313210-9	12/80	135.5	135.5	130.5	-3.7	-3.7
Secondary products and miscellaneous receipts		313210-SM						
Miscellaneous receipts		313210-M	12/04	111.2	111.2	88.8	-19.1	-20.1
Narrow fabric mills and schiffli embroidery	31322		06/84	169.0	169.0	169.0	1.3	0.0
Narrow fabric mills and schiffli machine embroidery	313220		06/84	171.4	171.4	171.4	1.2	0.0
Primary products		313220-P	06/84	174.8	174.7	174.7	1.3	0.0
Narrow fabrics		313220-1	06/84	175.5	175.4	175.4	1.0	0.0
Woven narrow fabrics (12 inches or less in width)		313220-11	06/84	174.4	174.4	174.4	0.6	0.0
Woven nonelastic labels, ribbons, and tape		313220-112	12/08	120.7	120.7	120.7	0.5	0.0
Woven nonelastic narrow fabrics and webbing, excluding labels, woven edge ribbons, and tape		313220-113	12/08	114.6	114.6	114.6	0.8	0.0
Braided narrow fabrics (12 inches or less in width)		313220-13	06/84	217.2	216.9	217.0	2.8	0.0
Schiffli machine embroideries		313220-3	06/85	173.6	173.6	173.6	5.5	0.0
Secondary products and miscellaneous receipts		313220-SM						
Secondary products		313220-S	06/84	157.9	157.9	157.9	1.6	0.0
Nonwoven fabric mills	31323		12/03	123.9	123.7	122.6	-1.4	-0.9

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Nonwoven fabric mills	313230		12/85	148.0	147.7	146.5	-1.3	-0.8
Primary products		313230-P	12/85	152.1	151.7	150.3	-1.5	-0.9
Nonwoven fabrics		313230-1	12/85	152.1	151.7	149.9	-1.7	-1.2
Pressed, punched, or needled felts (except hats)		313230-5	12/85	157.1	157.1	157.1	0.1	0.0
Secondary products and miscellaneous receipts		313230-SM						
Secondary products		313230-S	06/86	135.7	–	–	–	–
Knit fabric mills	31324		12/03	120.0	120.0	120.0	-1.4	0.0
Knit fabric mills	313240		12/11	101.0	101.0	101.0	-1.4	0.0
Primary producs		313240-P	12/11	100.9	100.9	100.9	-1.4	0.0
Weft knit fabrics		313240-1	06/81	123.1	123.1	123.1	-2.7	0.0
Greige weft (circular) knit fabrics (excluding hosiery)		313240-11	06/81	150.4	150.4	150.4	-7.7	0.0
Finished weft (circular) knit fabrics (excluding hosiery)		313240-13	12/94	109.8	109.8	109.8	0.0	0.0
Nonapparel items & commission receipts for knitting/finishing weft knit fabrics (excl hosiery)		313240-16	06/81	103.3	103.3	103.3	0.0	0.0
Other knit fabrics and laces		313240-9	06/81	129.9	129.9	129.9	0.0	0.0
Greige warp knit fabrics		313240-91	06/81	157.0	–	157.0	0.0	–
Finished warp knit fabrics		313240-93	12/03	103.5	103.5	103.5	0.0	0.0
Textile and fabric finishing mills	3133		12/03	130.5	130.5	130.4	0.7	-0.1
Textile and fabric finishing mills	31331		12/03	127.7	127.5	127.6	1.0	0.1
Textile and fabric finishing mills	313310		12/11	100.8	100.6	100.7	1.0	0.1
Primary products		313310-P	12/11	100.6	100.5	100.5	1.1	0.0
Finished broadwoven fabrics, finished in finishing mills		313310-1	12/03	139.0	138.6	138.7	2.1	0.1
Finished cotton broadwoven fabrics, finished in finishing mills		313310-11	06/84	168.4	–	–	–	–
Other finished broadwoven fabrics (excl. cotton and wool), finished in finishing mills		313310-15	06/84	175.2	175.2	175.5	1.2	0.2
Other commission finishing of broadwoven fabrics (excl. cotton & wool)		313310-17	06/84	213.0	213.1	213.0	5.8	0.0
Other finished textiles and fabrics, finished in finishing mills		313310-2	12/03	109.7	109.7	109.7	-0.5	0.0
Secondary products and miscellaneous receipts		313310-SM						
Fabric coating mills	31332		12/03	142.9	143.5	143.1	-0.1	-0.3
Fabric coating mills	313320		06/85	201.8	202.6	202.1	-0.1	-0.2
Primary products		313320-P	06/85	199.8	200.7	200.1	-0.1	-0.3
Vinyl coated fabrics, including expanded vinyl coated		313320-1	06/85	202.9	204.2	204.0	0.7	-0.1
Rubber coated fabrics and garments		313320-4	12/03	151.5	153.5	153.5	1.8	0.0
Other coated or laminated fabrics and coated yarns, incl. impregnated		313320-5	06/06	119.1	119.2	118.7	-1.0	-0.4
Secondary products and miscellaneous receipts		313320-SM						
Miscellaneous receipts		313320-M	12/92	178.9	178.9	178.9	0.0	0.0
Secondary products		313320-S	06/85	184.8	184.7	184.7	-0.2	0.0
Textile product mills	314		12/03	133.5	133.0	132.9	0.0	-0.1
Textile furnishings mills	3141		12/03	135.5	134.5	134.6	-0.2	0.1
Carpet and rug mills	31411		12/84	168.7	166.6	166.7	-1.0	0.1
Carpet and rug mills	314110		06/90	154.4	152.5	152.5	-1.0	0.0
Primary products		314110-P	06/90	156.0	154.0	154.1	-0.9	0.1
Carpets and rugs		314110-0	06/90	156.0	154.0	154.1	-0.9	0.1
Secondary products and miscellaneous receipts		314110-SM						
Curtain and linen mills	31412		12/03	135.4	136.0	136.1	1.3	0.1
Curtain and linen mills	314120		06/83	158.4	159.1	159.3	1.4	0.1
Primary products		314120-P	06/83	161.0	161.5	161.6	1.0	0.1
Curtains and draperies		314120-1	06/84	181.7	181.9	182.0	1.4	0.1
Other household textile products		314120-9	06/83	162.8	163.4	163.4	0.9	0.0
Bedspreads and bedsets		314120-91	06/83	120.2	120.2	120.4	0.2	0.2
Sheets and pillowcases		314120-93	06/83	105.6	105.6	105.6	0.0	0.0
Other household furnishings		314120-96	06/83	162.9	163.6	163.6	0.2	0.0
Secondary products and miscellaneous receipts		314120-SM						
Miscellaneous receipts		314120-M	06/83	144.5	146.1	146.8	3.7	0.5
Secondary products		314120-S	06/83	161.0	161.0	161.5	0.6	0.3
Other textile product mills	3149		12/03	129.5	129.7	129.4	0.4	-0.2
Textile bag and canvas mills	31491		12/03	133.2	133.5	133.7	0.9	0.1
Textile bag and canvas mills	314910		12/11	111.2	111.4	111.6	0.9	0.2
Primary products		314910-P	12/11	112.0	112.1	112.3	0.5	0.2
Textile bags		314910-1	12/85	162.7	162.7	162.7	0.7	0.0
Duffle bags and knapsacks, all materials		314910-11	12/02	131.8	131.8	131.8	2.1	0.0
All other textile bags		314910-12	12/85	162.9	162.9	162.9	0.0	0.0
Canvas and related products		314910-2	12/85	290.2	290.7	291.1	0.4	0.1
Secondary products and miscellaneous receipts		314910-SM						

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Textile bag and canvas mills - Continued								
Miscellaneous receipts		314910-M	12/11	105.8	106.8	106.7	3.5	-0.1
Secondary products		314910-S	12/11	108.4	108.5	109.4	2.4	0.8
All other textile product mills	31499		12/03	126.9	127.0	126.4	0.1	-0.5
Rope, cordage, twine, tire cord, and tire fabric mills	314994		12/11	94.0	93.5	93.6	-2.3	0.1
Primary products		314994-P	12/11	92.5	91.8	92.0	-2.5	0.2
Rope, cordage, and twine		314994-1	06/85	222.9	222.7	222.4	-1.6	-0.1
Tire cord and tire fabric		314994-2	06/84	125.5	123.9	124.4	-3.3	0.4
Secondary products and miscellaneous receipts		314994-SM						
All other miscellaneous textile product mills	314999		12/03	122.4	122.9	122.1	1.1	-0.7
Primary products		314999-P	12/03	122.6	123.2	122.2	1.2	-0.8
Embroideries and embroidery contractors (excluding Schiffli)		314999-6	12/11	108.9	108.9	108.9	1.2	0.0
All other miscellaneous fabricated textile products		314999-8	12/03	119.5	121.4	120.7	3.7	-0.6
Fabricated flags, banners, and similar emblems		314999-82	12/09	102.5	102.5	102.9	-0.1	0.4
Fabricated textile products, incl sleeping bags, parachutes, indust. shop twls and carpet tiles		314999-84	12/09	111.8	114.0	113.4	5.4	-0.5
Secondary products and miscellaneous receipts		314999-SM						
Miscellaneous receipts		314999-M	12/03	130.1	130.1	130.1	0.1	0.0
Secondary products		314999-S	12/03	113.8	113.8	113.8	1.2	0.0
Apparel manufacturing	315		12/03	112.1	112.0	112.2	0.6	0.2
Apparel knitting mills	3151		12/84	129.2	129.2	129.3	0.8	0.1
Hosiery and sock mills	31511		12/84	133.0	133.0	133.1	1.4	0.1
Hosiery and sock mills	315110		12/10	112.0	112.0	112.1	1.4	0.1
Primary products		315110-P	12/10	107.7	107.7	107.8	0.8	0.1
Sheer hosiery		315110-1	06/84	167.2	167.2	168.0	0.5	0.5
Women's and girls' sheer finished pantyhose, including tights, all needle		315110-13	06/84	155.0	155.0	156.0	0.6	0.6
Other hosiery and socks		315110-9	06/84	142.3	142.4	142.2	1.1	-0.1
Men's finished seamless hosiery and socks (sizes 10 and up)		315110-91	06/84	167.7	167.8	167.8	1.4	0.0
All other finished hosiery, other than sheer		315110-93	06/84	122.3	122.4	122.4	1.7	0.0
Seamless hosiery (except sheer), shipped in the greige		315110-95	06/84	107.1	107.1	106.5	-0.6	-0.6
Secondary products and miscellaneous receipts		315110-SM						
Other apparel knitting mills	31519		12/06	113.3	113.3	113.3	-0.4	0.0
Other apparel knitting mills	315190		12/11	103.3	103.3	103.3	-0.5	0.0
Primary products		315190-P	12/11	103.6	103.6	103.6	0.3	0.0
Outerwear, made in knitting mills		315190-1	12/84	109.0	–	–	–	–
Underwear and nightwear, made in knitting mills		315190-2	06/82	142.8	–	–	–	–
Secondary products and miscellaneous receipts		315190-SM						
Cut and sew apparel manufacturing	3152		12/03	110.9	110.8	111.1	0.5	0.3
Cut and sew apparel contractors	31521		12/03	107.8	107.7	108.0	0.8	0.3
Cut and sew apparel contractors	315210		12/11	102.8	102.8	103.0	0.8	0.2
Primary products		315210-P	12/11	102.4	102.3	102.3	0.7	0.0
Contract receipts for men's/boys' apparel		315210-1	12/03	118.7	118.1	118.1	1.1	0.0
Contract receipts for men's/boys' pants, work apparel, and other outerwear		315210-18	06/07	106.8	–	105.9	2.0	–
Contract receipts for women's/girls'/infants' apparel		315210-2	12/03	103.9	103.9	103.9	0.6	0.0
Contract receipts for women's/girls'/infants' shirts and blouses		315210-21	06/07	100.6	100.6	100.6	0.6	0.0
Contract receipts for women's/girls'/infants' dresses		315210-23	06/07	100.4	100.4	100.4	0.0	0.0
Contract rcpts. women's/girls'/infants' skirts, tailored suits/coats, underwear/nightwear, etc.		315210-2T	06/07	94.9	–	–	–	–
Secondary products and miscellaneous receipts		315210-SM						
Men's and boys' cut and sew apparel mfg	31522		12/03	117.6	117.5	117.7	0.0	0.2
Men's and boys' cut and sew apparel manufacturing	315220		12/11	106.8	106.8	106.9	0.0	0.1
Primary products		315220-P	12/11	105.7	105.7	105.7	-0.2	0.0
Men's and boys' underwear, nightwear, and robes, made from purchased fabrics		315220-1	12/03	137.9	137.9	137.9	0.1	0.0
Men's and boys' suits, coats, and overcoats		315220-2	12/80	179.8	180.0	180.1	-1.2	0.1
Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.)		315220-22	06/02	107.7	107.8	107.9	-1.7	0.1
Men's and boys' tailored overcoats (incl water-repellent), dress and sport coats, and vests		315220-29	12/08	105.0	105.0	105.0	0.0	0.0
Men's and boys' shirts, except work shirts		315220-3	06/83	164.1	164.0	164.1	-0.3	0.1
Men's and boys' knit dress and sport shirts, made from purchased fabrics		315220-31	06/83	143.4	143.3	143.3	-0.2	0.0
Men's and boys' woven dress and sport shirts, made from purchased fabrics		315220-33	06/83	167.3	167.3	167.3	-0.5	0.0
Men's and boys' pants, except work pants		315220-4	12/81	136.6	136.6	136.6	0.0	0.0
Men's and boys' separate dress and sport trousers, pants, & slacks, made from purchased fabrics		315220-42	12/81	144.4	–	144.4	0.0	–

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Men's and boys' cut and sew apparel manufacturing - Continued								
Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics		315220-44	12/81	130.2	–	–	–	–
Men's work clothing		315220-5	12/81	153.4	153.4	153.6	0.1	0.1
Men's work shirts, made from purchased fabrics		315220-51	12/81	132.4	132.1	132.1	-0.3	0.0
Men's work clothing and washable service apparel (excluding work shirts), mfpm		315220-54	12/81	158.2	158.3	158.5	0.3	0.1
Men's and boys' other outerwear		315220-8	12/83	161.6	161.7	161.9	0.7	0.1
Men's and boys' nontailored coats, jackets, and vests (exc. ski apparel & work jackets), mfpm		315220-82	12/83	176.8	176.9	177.1	0.7	0.1
Men's and boys' heavyweight nontailored coats, jackets, and vests (exc. ski apparel & work)		315220-82110	06/07	147.9	148.0	148.2	1.7	0.1
Men's and boys' lightweight nontailored coats, jackets, and vests (exc. ski apparel & work)		315220-82120	06/07	114.1	114.1	114.1	-0.9	0.0
Men's and boys' sweaters, sweatpants, jogging suits, beachwear (exc. swimsuits), & ski apparel		315220-86	12/83	165.4	165.5	165.5	1.0	0.0
Secondary products and miscellaneous receipts		315220-SM						
Miscellaneous receipts		315220-M	12/11	110.5	110.5	110.7	0.4	0.2
Secondary products		315220-S	12/11	101.3	100.5	100.8	-0.2	0.3
Women's & girls' cut & sew apparel mfg	31524		12/03	106.7	106.6	106.9	0.7	0.3
Women's, girls', and infants' cut and sew apparel manufacturing	315240		12/11	104.6	104.5	104.8	0.7	0.3
Primary products		315240-P	12/11	103.2	102.6	103.3	1.0	0.7
Women's and girls' lingerie and nightwear		315240-1	12/03	116.2	116.3	116.3	0.1	0.0
Women's and girls' underwear, except foundation garments, made from purchased fabrics		315240-11	12/03	110.0	110.0	110.0	0.0	0.0
Women's and girls' nightwear, except robes, made from purchased fabrics		315240-13	12/03	117.1	117.1	117.1	0.0	0.0
Women's and girls' brassieres, bandeaux, corsets (exc. surgical), girdles, & combinations, mfpm		315240-17	06/82	167.7	167.9	167.9	0.1	0.0
Women's and girls' robes and dressing gowns, made from purchased fabrics		315240-19	12/03	117.1	117.1	117.1	0.0	0.0
Women's and girls' blouses and shirts		315240-2	06/83	146.3	146.6	146.9	1.6	0.2
Women's and girls' knit shirts and blouses, made from purchased fabrics		315240-21	06/93	117.6	117.5	117.5	0.2	0.0
Women's and girls' woven shirts and blouses, made from purchased fabrics		315240-23	06/83	169.3	170.3	171.1	3.6	0.5
Women's and girls' dresses, made from purchased fabrics		315240-3	12/80	130.5	128.7	130.4	0.0	1.3
Women's and girls' suits, coats, and skirts		315240-4	12/82	122.4	122.9	123.1	1.1	0.2
Women's and girls' skirts, made from purchased fabrics		315240-46	12/82	125.6	126.3	126.5	1.2	0.2
Women's and girls' tailored jackets and vests, except fur and leather, mfpm		315240-48	12/98	114.2	114.4	114.6	1.1	0.2
Women's and girls' other outerwear		315240-8	06/83	120.0	119.2	119.9	1.4	0.6
Women's and girls' sweaters, including sweater vests, made from purchased fabrics		315240-82	12/06	102.1	102.2	102.2	0.1	0.0
Women's and girls' shorts, including tennis skirts, made from purchased fabrics		315240-84	06/93	114.2	115.4	117.8	5.3	2.1
Women's and girls' slacks, jeans, & jean-cut casual slacks (exc. sweatpants), mfpm		315240-86	06/83	86.8	86.9	87.1	1.0	0.2
Women's and girls' sweatpants, bodysuits, warm-up suits, rompers, & beachwear (exc. swimwear)		315240-88	06/07	114.5	114.5	114.7	3.3	0.2
Women's and girls' swimwear, made from purchased fabrics		315240-8A	12/83	165.3	159.9	161.8	1.1	1.2
Women's and girls' nontailored coats, jackets, vests, and washable service apparel, mfpm		315240-8T	06/07	100.2	100.2	100.2	0.0	0.0
Infants' apparel		315240-9	12/03	120.5	120.5	120.5	0.1	0.0
Secondary products and miscellaneous receipts		315240-SM						
Miscellaneous receipts		315240-M	12/11	106.8	–	–	–	–
Secondary products		315240-S	12/11	101.4	101.5	101.5	0.1	0.0
Other cut and sew apparel manufacturing	31528		12/03	132.8	133.2	133.2	0.8	0.0
Other cut and sew apparel manufacturing	315280		12/03	130.6	131.0	131.0	0.8	0.0
Primary products		315280-P	12/03	132.3	132.9	132.9	0.9	0.0
Fur and leather apparel		315280-2	12/03	167.7	168.4	168.4	0.6	0.0
Leather and sheep-lined clothing		315280-25	12/85	208.9	210.5	210.5	1.1	0.0
All other cut and sew apparel		315280-9	12/03	131.2	131.7	131.7	0.9	0.0
Men's and boys' team sport uniforms		315280-91	12/06	118.3	120.3	120.3	2.6	0.0
Vestments and costumes		315280-95	12/03	122.7	122.7	122.7	0.4	0.0
Apparel 50 percent or greater plastic or rubber,incl raincoats and rubber pants(excl wet suits)		315280-97	12/06	127.7	127.7	127.7	0.2	0.0
Secondary products and miscellaneous receipts		315280-SM						
Miscellaneous receipts		315280-M	12/03	133.6	–	–	–	–
Accessories and other apparel manufacturing	3159		12/03	119.6	119.9	119.9	0.7	0.0
Accessories and other apparel manufacturing	31599		12/03	119.6	119.9	119.9	0.7	0.0
Accessories and other apparel manufacturing	315990		12/11	107.5	107.8	107.8	0.7	0.0
Primary products		315990-P	12/11	105.5	105.8	105.7	0.8	-0.1
Hats, caps, and millinery products		315990-1	12/90	180.2	181.5	180.8	1.2	-0.4

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Accessories and other apparel manufacturing - Continued								
Men's and boys' fabric, straw, and felt hats		315990-12	12/90	195.8	195.8	195.8	0.9	0.0
Women's, girls', and infants' fabric, straw, and felt hats		315990-15	12/90	159.9	159.9	159.9	1.8	0.0
Hat bodies and fabric caps		315990-16	12/90	174.7	177.3	176.0	1.5	-0.7
Gloves and mittens		315990-2	12/03	138.2	139.1	139.5	1.3	0.3
Men's and boys' neckwear		315990-3	12/83	158.7	158.7	158.7	1.2	0.0
All other accessories and apparel		315990-9	12/03	105.0	105.2	105.2	0.2	0.0
Leather belts		315990-95	06/85	151.0	151.0	151.0	0.1	0.0
All other apparel accessories		315990-9E	12/11	101.1	101.4	101.3	0.2	-0.1
Secondary products and miscellaneous receipts		315990-SM						
Secondary products		315990-S	12/11	114.2	114.4	114.3	0.8	-0.1
Leather and allied product manufacturing	316		12/84	178.1	179.0	179.5	0.1	0.3
Leather and hide tanning and finishing	3161		06/81	224.8	229.8	231.8	-2.4	0.9
Leather and hide tanning and finishing	31611		06/81	224.8	229.8	231.8	-2.4	0.9
Leather and hide tanning and finishing	316110		06/81	224.7	229.7	231.7	-2.4	0.9
Primary products		316110-P	06/81	222.1	227.1	229.2	-2.5	0.9
Finished and unfinished leather		316110-1	12/97	127.1	130.1	131.3	-2.7	0.9
Tanning or finishing leather owned by others, and furs		316110-2	06/11	105.4	105.9	105.7	2.1	-0.2
Contract & commission receipts for tanning or finishing leather owned by others		316110-21	06/81	167.6	167.6	167.6	3.7	0.0
Secondary products and miscellaneous receipts		316110-SM						
Footwear manufacturing	3162		12/03	129.6	129.6	129.9	1.1	0.2
Footwear manufacturing	31621		12/03	129.6	129.6	129.9	1.1	0.2
Footwear manufacturing	316210		12/11	114.6	114.6	114.9	1.1	0.3
Primary products		316210-P	12/11	113.8	113.9	114.2	1.2	0.3
Rubber and plastics footwear, including athletic footwear		316210-1	12/80	151.7	151.7	151.7	0.0	0.0
Men's nonathletic footwear		316210-3	12/93	157.4	157.4	157.4	0.8	0.0
Women's nonathletic footwear		316210-4	12/93	129.2	129.4	129.4	2.6	0.0
Other footwear including slippers		316210-9	12/11	106.6	106.9	113.6	3.1	6.3
Secondary products and miscellaneous receipts		316210-SM						
Other leather product manufacturing	3169		12/03	128.5	128.5	128.6	0.9	0.1
Other leather product manufacturing	31699		12/03	128.5	128.5	128.6	0.9	0.1
Women's handbag and purse manufacturing	316992		06/82	176.0	176.0	176.0	0.1	0.0
Primary products		316992-P	06/82	164.2	164.2	164.2	-3.5	0.0
Women's and children's handbags and purses		316992-0	06/06	120.0	120.0	120.0	-3.5	0.0
Secondary products & miscellaneous receipts		316992-SM						
All other leather and allied good mfg.	316998		12/11	112.7	112.7	112.8	1.2	0.1
Primary products		316998-P	12/11	112.1	112.1	112.2	1.8	0.1
Luggage		316998-1	12/84	140.4	140.4	140.4	2.6	0.0
All other personal leather goods		316998-3	06/82	185.0	184.5	185.0	1.6	0.3
All other leather goods		316998-9	12/03	138.6	138.7	138.8	1.5	0.1
Boot and shoe cut stock and findings		316998-91	12/06	118.9	118.9	118.9	0.3	0.0
All other miscellaneous leather goods		316998-94	12/03	140.5	140.6	140.8	1.7	0.1
Secondary products and miscellaneous receipts		316998-SM						
Miscellaneous receipts		316998-M	12/11	115.7	115.7	115.7	-0.9	0.0
Secondary products		316998-S	12/11	107.3	107.2	107.2	1.7	0.0
Wood product manufacturing	321		12/03	124.4	125.7	126.0	1.4	0.2
Sawmills and wood preservation	3211		12/03	115.7	118.1	118.7	1.3	0.5
Sawmills and wood preservation	32111		12/03	115.7	118.1	118.7	1.3	0.5
Sawmills	321113		12/80	164.3	167.7	168.6	1.1	0.5
Primary products		321113-P	12/03	110.2	113.4	114.0	2.0	0.5
Hardwood lumber, made in sawmills		321113-1	12/03	107.2	105.0	106.2	-0.5	1.1
Softwood lumber, made in sawmills		321113-3	12/03	103.3	109.3	109.8	3.6	0.5
Softwood rough lumber, made in sawmills		321113-31	06/12	118.5	118.9	118.8	0.8	-0.1
Softwood dressed lumber, less than 2 inches in nominal thickness		321113-32	06/12	106.1	120.7	122.0	11.5	1.1
Softwood dressed 2-inch lumber, 2 inches in nominal thickness only		321113-33	06/12	107.0	113.7	114.4	2.7	0.6
Softwood dressed lumber and timbers, more than 2 inches in nominal thickness		321113-34	06/12	102.4	111.6	112.0	5.7	0.4
Wood chips, except field chips		321113-5	12/80	111.4	110.6	110.4	-0.6	-0.2
Wood ties, siding, shingles, and shakes and contract sawing of logs owned by others		321113-7	12/03	146.4	142.3	142.7	-2.2	0.3
Secondary products and miscellaneous receipts		321113-SM						
Miscellaneous receipts		321113-M	12/03	138.7	–	–	–	–
Secondary products		321113-S	12/03	111.2	111.2	110.5	-0.4	-0.6

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Wood preservation	321114		06/85	202.3	206.5	207.2	1.9	0.3
Primary products		321114-P	06/85	200.7	203.7	204.5	0.3	0.4
Wood poles, piles, and posts owned and treated by the same establishment		321114-1	06/85	259.1	257.9	259.6	0.3	0.7
Other wood products owned and treated by the same establishment		321114-5	06/85	179.7	183.7	184.3	0.1	0.3
Contract wood preservation		321114-9	06/85	213.0	214.4	214.9	2.1	0.2
Secondary products and miscellaneous receipts		321114-SM						
Plywood and engineered wood product mfg	3212		12/03	111.1	113.7	114.2	3.6	0.4
Plywood and engineered wood product mfg	32121		12/03	111.1	113.7	114.2	3.6	0.4
Hardwood veneer and plywood manufacturing	321211		06/85	160.6	161.9	162.9	6.6	0.6
Primary products		321211-P	06/85	166.4	167.8	169.0	7.1	0.7
Hardwood veneer, incl. veneer backed w/ paper, cloth, or other flexible material		321211-1	12/03	101.1	101.3	102.0	-0.2	0.7
Hardwood plywood		321211-4	12/12	109.7	111.6	112.6	15.5	0.9
Hardwood veneered panels, including two-ply veneers		321211-7	06/85	173.8	172.5	172.4	-2.0	-0.1
Secondary products and miscellaneous receipts		321211-SM						
Softwood veneer and plywood manufacturing	321212		12/80	170.0	171.3	175.3	-6.5	2.3
Primary products		321212-P	12/80	173.3	176.1	180.6	-5.9	2.6
Softwood veneer, incl. veneer backed w/ paper, cloth, or other flexible material		321212-1	12/80	151.2	149.4	154.7	-2.1	3.5
Softwood plywood products: rough, sanded, and specialties		321212-4	12/11	113.0	115.7	118.3	-6.9	2.2
Secondary products and miscellaneous receipts		321212-SM						
Secondary products		321212-S	12/80	193.5	178.6	178.2	-12.9	-0.2
Engineered wood member manufacturing	321213		12/03	121.3	121.2	121.7	0.7	0.4
Primary products		321213-P	12/03	121.9	121.7	122.0	0.5	0.2
Engineered wood members (except trusses)		321213-0	12/06	102.8	102.7	103.0	0.6	0.3
Laminated veneer lumber		321213-01	12/03	129.0	128.9	128.5	3.0	-0.3
Other engineered structural wood members, except trusses & laminated veneer lumber (LVL)		321213-02	12/03	120.1	120.0	120.6	-0.7	0.5
Secondary products and miscellaneous receipts		321213-SM						
Truss manufacturing	321214		12/03	137.0	141.4	141.0	3.8	-0.3
Primary products		321214-P	12/03	135.3	140.2	139.8	4.6	-0.3
Wood trusses		321214-0	12/03	135.3	140.2	139.8	4.6	-0.3
Secondary products and miscellaneous receipts		321214-SM						
Miscellaneous receipts		321214-M	12/03	–	178.0	178.0	-1.1	0.0
Secondary products		321214-S	12/03	104.8	105.7	105.6	-0.5	-0.1
Reconstituted wood product manufacturing	321219		06/91	173.9	180.6	180.9	9.8	0.2
Primary products		321219-P	06/91	173.9	180.8	181.1	10.0	0.2
Particleboard made from particleboard produced at the same location		321219-1	12/82	231.2	231.3	231.1	0.0	-0.1
Particleboard, non-industrial, made from particleboard produced at the same location		321219-12	06/09	113.3	113.3	113.3	0.0	0.0
Particleboard, industrial, incl commercial and shelving, made from particlebd prod at same loca		321219-13	06/09	123.9	124.0	123.8	-0.1	-0.2
Waferboard and oriented strandboard		321219-2	12/82	165.6	182.0	182.4	27.9	0.2
Medium density fiberboard (MDF) made from MDF produced at the same location		321219-3	06/84	183.7	183.7	183.7	0.2	0.0
Secondary products and miscellaneous receipts		321219-SM						
Other wood product manufacturing	3219		12/03	132.4	132.7	132.8	0.5	0.1
Millwork	32191		12/03	125.4	126.1	126.2	1.0	0.1
Wood window and door manufacturing	321911		12/03	131.2	132.1	132.1	1.9	0.0
Primary products		321911-P	12/03	130.3	130.9	130.9	1.7	0.0
Wood window units		321911-1	06/83	238.7	239.2	239.2	2.4	0.0
Double hung wood window units		321911-11	06/13	109.4	109.6	109.6	3.4	0.0
Casement wood window units		321911-12	06/13	109.9	110.4	110.4	2.1	0.0
All other wood window units, including horizontal sliding, awning and single hung		321911-13	06/13	107.5	107.5	107.5	0.8	0.0
Wood sash, excluding sash shipped in window units		321911-3	06/83	253.6	253.6	253.6	-0.8	0.0
Wood window and door frames		321911-5	06/83	163.8	164.0	164.1	-3.8	0.1
Wood doors, flush and panel, interior and exterior		321911-7	06/83	209.9	211.5	211.7	2.8	0.1
Other wood doors, incl. garage, patio, bifold, cabinet, screen, storm and louver		321911-9	06/83	215.6	216.6	216.4	1.0	-0.1
Secondary products and miscellaneous receipts		321911-SM						
Secondary products		321911-S	12/03	134.4	135.5	135.6	-1.1	0.1
Cut stock, resawing lumber, and planing	321912		12/03	115.3	116.1	115.9	0.5	-0.2
Primary products		321912-P	12/03	116.8	117.4	117.3	0.4	-0.1
Hardwood lumber, made from purchased lumber		321912-1	12/03	106.5	107.1	106.2	-1.6	-0.8
Softwood lumber, made from purchased lumber		321912-3	12/03	121.8	123.3	123.6	0.7	0.2
Hardwood cut stock and dimension		321912-6	06/84	212.2	212.2	212.3	2.1	0.0
Softwood cut stock and dimension		321912-8	12/80	162.8	163.2	164.1	0.5	0.6
Sawn wood fence stock, wood lath, and contract resawing and planing		321912-9	12/03	93.1	93.1	93.1	0.0	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Cut stock, resawing lumber, and planing - Continued								
Secondary products and miscellaneous receipts		321912-SM						
Other millwork, including flooring	321918		12/03	123.6	123.9	124.1	-0.7	0.2
Primary products		321918-P	12/03	121.9	122.2	122.4	-0.8	0.2
Wood moldings		321918-2	06/83	204.7	205.7	206.2	0.5	0.2
Other wood millwork products, including stairwork, exterior millwork, and softwood flooring		321918-5	12/03	115.4	115.6	115.6	2.2	0.0
Hardwood flooring		321918-7	06/84	188.1	188.2	188.9	-3.6	0.4
Hardwood flooring, other than oak and maple		321918-72	12/03	131.7	131.7	131.7	-5.0	0.0
Oak and maple hardwood flooring		321918-73	06/84	168.2	168.4	169.1	-3.3	0.4
Secondary products and miscellaneous receipts		321918-SM						
Secondary products		321918-S	12/03	158.6	159.2	158.9	-0.2	-0.2
Wood container and pallet manufacturing	32192		12/03	132.1	131.3	131.4	-0.7	0.1
Wood container and pallet manufacturing	321920		12/03	132.1	131.3	131.4	-0.7	0.1
Primary products		321920-P	12/03	131.5	130.6	130.7	-1.0	0.1
Nailed and lock-corner wood boxes		321920-1	06/85	168.2	168.2	168.2	0.0	0.0
Wood box and crate shook		321920-3	06/85	158.0	158.0	158.0	-0.8	0.0
Wood pallets and pallet containers, wood and metal combination		321920-5	12/03	133.1	131.8	132.0	-1.3	0.2
Other wood container parts and wood containers		321920-7	12/03	131.9	131.9	131.9	0.0	0.0
Secondary products and miscellaneous receipts		321920-SM						
Miscellaneous receipts		321920-M	12/03	151.7	151.7	151.2	4.3	-0.3
Secondary products		321920-S	12/03	111.3	–	–	–	–
All other wood product manufacturing	32199		12/03	139.0	139.1	139.2	0.2	0.1
Manufactured home (mobile home) manufacturing	321991		06/81	276.1	276.9	277.2	0.9	0.1
Primary products		321991-P	06/81	276.0	276.8	277.2	1.0	0.1
Manufactured homes (mobile homes),all sizes (incl. multisection)		321991-1	06/81	276.6	277.4	277.8	1.1	0.1
Secondary products and miscellaneous receipts		321991-SM						
Prefabricated wood building manufacturing	321992		12/84	252.0	252.6	252.7	0.8	0.0
Primary products		321992-P	12/84	249.5	250.3	250.4	0.9	0.0
Components for prefabricated stationary wood buildings (not sold as complete units)		321992-1	12/89	167.8	–	–	–	–
Precut packages for prefabricated stationary wood buildings (complete units)		321992-3Y	12/84	276.1	277.5	277.2	1.8	-0.1
Prefabricated stationary wood buildings shipped in panel form (complete units)		321992-5	12/84	252.3	256.4	256.5	2.2	0.0
Prefabricated stationary wood buildings shipped in three-dimensional assemblies		321992-7	12/84	237.7	236.5	236.8	0.2	0.1
Prefabricated stationary residential wood buildings, inc. homes, townhouses and apts.		321992-71	12/84	234.1	232.4	232.9	0.3	0.2
Prefabricated stationary nonresidential wood buildings, inc. motels and hotels		321992-72	12/84	266.3	266.3	–	–	–
Secondary products and miscellaneous receipts		321992-SM						
All other miscellaneous wood product manufacturing	321999		12/03	123.2	123.0	122.9	-1.0	-0.1
Primary products		321999-P	06/84	184.1	183.8	183.6	-1.4	-0.1
All other miscellaneous wood products		321999-0	06/02	120.3	120.1	119.9	-1.6	-0.2
Secondary products and miscellaneous receipts		321999-SM						
Miscellaneous receipts		321999-M	06/84	260.2	260.2	260.2	2.0	0.0
Secondary products		321999-S	06/84	206.9	207.5	207.3	1.1	-0.1
Paper manufacturing	322		12/03	135.5	135.3	135.3	-0.8	0.0
Pulp, paper & paperboard mills	3221		12/03	133.0	132.7	133.0	-2.3	0.2
Pulp mills	32211		12/82	197.2	188.7	190.9	-7.7	1.2
Pulp mills	322110		12/82	197.2	188.6	190.8	-7.7	1.2
Primary products		322110-P	12/82	208.3	196.7	200.8	-8.6	2.1
Secondary products and miscellaneous receipts		322110-SM1						
Paper mills	32212		06/81	186.4	186.7	186.9	-0.8	0.1
Paper, except newsprint, mills	322121		12/03	128.8	128.9	128.9	-1.2	0.0
Primary products		322121-P	12/03	130.7	130.7	130.7	-0.8	0.0
Paper, construction		322121-EY	12/11	106.1	108.3	107.5	0.7	-0.7
Paper, sanitary tissue paper products, made in paper mills		322121-N	06/83	201.7	202.0	201.8	0.1	-0.1
Paper, facial tissues and handkerchiefs, incl. sputum wipes, made in paper mills		322121-N1	06/90	111.0	111.2	111.0	-0.2	-0.2
Paper, table napkins, industrial & retail pkgs, bulk and dispenser types, made in paper mills		322121-N2	06/83	227.1	227.0	227.2	1.8	0.1
Toilet tissue, retail packages, rolls and ovals		322121-N5Z	06/83	216.1	216.1	216.3	0.5	0.1
Paper towels, industrial packages (rolled, folded, and interfolded), made in paper mills		322121-N6Z	12/06	122.9	123.5	122.7	2.9	-0.6
Paper towels, retail packages (rolled, folded, and interfolded), made in paper mills		322121-N7	06/07	99.3	99.3	99.3	-5.6	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Paper, except newsprint, mills - Continued								
Other sanitary tissue paper products, made in paper mills		322121-N9	12/02	106.5	107.1	107.1	-1.9	0.0
Bleached bristol, clay-coated, uncoated, and industrial converted paper		322121-6	12/11	97.0	97.0	97.1	-1.8	0.1
Secondary products and miscellaneous receipts		322121-SM						
Secondary products		322121-S	12/03	109.2	110.0	110.3	-4.7	0.3
Newsprint mills	322122		12/03	92.3	94.3	95.9	5.8	1.7
Primary products		322122-P	12/03	91.8	93.7	95.9	6.8	2.3
Newsprint		322122-1	06/81	114.5	118.3	120.2	6.2	1.6
Uncoated groundwood paper, from pulp (containing more than 10 percent mechanical fiber)		322122-3	06/81	100.9	99.1	103.6	8.6	4.5
Secondary products and miscellaneous receipts		322122-SM1						
Paperboard mills	32213		12/82	256.8	255.4	256.1	-4.6	0.3
Paperboard mills	322130		12/82	257.1	255.6	256.4	-4.6	0.3
Primary products		322130-P	12/82	245.4	244.0	244.7	-4.5	0.3
Unbleached kraft packaging & industrial converting paperboard (80 percent or more virgin wood)		322130-1	12/82	241.6	241.2	241.3	-2.9	0.0
Recycled paperboard		322130-7	12/82	290.3	288.0	290.2	-6.0	0.8
Secondary products and miscellaneous receipts		322130-SM						
Secondary products		322130-S	12/82	316.2	316.7	317.1	-6.4	0.1
Converted paper product mfg	3222		12/03	137.8	137.5	137.5	-0.1	0.0
Paper container mfg	32221		12/84	229.2	229.9	230.0	0.3	0.0
Corrugated and solid fiber box manufacturing	322211		03/80	302.3	302.1	302.2	-0.5	0.0
Primary products		322211-P	03/80	306.8	306.1	306.0	-0.8	0.0
Corrugated and solid fiber boxes, including pallets		322211-0	03/80	306.8	306.1	306.0	-0.8	0.0
Corrugated shipping containers for food, beverages, carryout		322211-01	03/80	272.2	271.2	271.2	-1.0	0.0
Corrugated shipping containers for paper and allied products		322211-02	03/80	321.6	321.4	321.3	-0.3	0.0
Corrugated shipping containers, metal machinery, etc.		322211-03	06/02	170.3	169.9	170.0	-0.2	0.1
Other corrugated shipping containers for all other end uses		322211-04	03/80	306.6	306.4	305.4	-1.0	-0.3
Corrugated paperboard in sheets and rolls, lined and unlined		322211-05	03/80	253.0	250.6	250.7	-2.9	0.0
Other corrugated & solid fiber products, incl. containers, etc.		322211-06	06/02	174.1	174.2	174.3	-0.8	0.1
Secondary products and miscellaneous receipts		322211-SM						
Miscellaneous receipts		322211-M	06/02	159.9	164.5	166.9	3.8	1.5
Secondary products		322211-S	12/90	151.5	151.4	151.3	0.3	-0.1
Folding paperboard box manufacturing	322212		12/83	165.0	167.7	167.5	2.7	-0.1
Primary products		322212-P	12/83	165.0	167.0	166.8	2.2	-0.1
Folding paperboard boxes, packaging, and pkg. components		322212-0	12/83	165.0	167.0	166.8	2.2	-0.1
Secondary products and miscellaneous receipts		322212-SM						
Secondary products		322212-S	12/83	161.1	–	–	–	–
Other paperboard container manufacturing	322219		12/11	111.3	111.6	111.7	0.5	0.1
Primary products		322219-P	12/11	113.0	113.3	113.3	0.4	0.0
Setup (rigid) paperboard boxes		322219-1	12/83	224.9	226.1	226.1	5.0	0.0
Fiber cans, tubes, and drums		322219-2	12/85	263.1	264.5	265.0	3.0	0.2
Paperboard fiber drums with ends of any material		322219-21	12/85	340.8	351.7	355.8	6.8	1.2
Fiber cans, tubes, and similar fiber products		322219-22	12/85	249.1	249.1	249.1	2.2	0.0
Fiber cans, all fiber and composite		322219-221	12/85	232.6	232.6	232.6	1.8	0.0
Fiber cores and tubes		322219-222	12/85	261.6	261.6	261.6	2.3	0.0
Paperboard cones/reels/etc./ all vulcanized fiber products		322219-223	12/02	121.4	121.6	121.6	3.9	0.0
Nonfolding sanitary food containers		322219-3	06/85	265.3	265.3	265.3	-1.6	0.0
Secondary products and miscellaneous receipts		322219-SM						
Paper bag and coated and treated paper mfg	32222		12/03	132.5	130.2	130.2	-1.4	0.0
Paper bag and coated and treated paper manufacturing	322220		12/11	100.7	99.0	99.0	-1.5	0.0
Primary products		322220-P	12/11	99.2	98.6	98.6	-0.8	0.0
Coated and laminated packaging paper		322220-1	12/03	123.1	122.2	123.2	-0.5	0.8
Single-web paper, rolls and sheets, including waxed, for flexible packaging uses		322220-11	12/87	179.6	177.7	180.3	-0.2	1.5
Multiweb laminated rolls and sheets, except foil, for flexible packaging uses		322220-13	12/03	119.4	119.4	118.9	-1.0	-0.4
Coated and laminated paper		322220-2	12/03	129.0	127.8	127.7	-1.0	-0.1
Printing paper, coated at establishments other than where paper was produced		322220-21	12/82	211.9	206.2	206.2	0.2	0.0
Pressure-sensitive products		322220-25	12/82	182.3	181.0	180.8	-1.7	-0.1
Wallcoverings		322220-26	06/85	181.5	181.8	181.8	4.2	0.0
Converted foil for nonpackaging applications		322220-28	06/13	93.3	87.3	85.7	-9.8	-1.8
Other coated and processed papers, except for packaging uses		322220-29	12/11	97.5	97.6	97.6	0.4	0.0
Plastics, foil, and coated paper bags		322220-3	12/03	139.3	139.3	139.3	0.6	0.0
Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film		322220-33	12/83	213.8	213.8	213.8	0.7	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Paper bag and coated and treated paper manufacturing - Continued								
Specialty bags, pouches, and liners, coated and single-web paper		322220-31Y	12/14	100.4	–	100.4	0.0	–
Uncoated paper and multiwall bags		322220-4	12/90	171.5	171.5	171.5	0.0	0.0
Uncoated single-web paper grocers' bags and sacks and variety and shopping bags		322220-41	12/83	358.2	358.2	358.2	0.0	0.0
Shipping sacks and multiwall bags, all materials, except textiles		322220-43	12/83	290.8	290.8	290.8	0.0	0.0
Flexible packaging foil		322220-5	12/03	104.6	104.5	104.1	-1.7	-0.4
Pasted, lined, laminated, or surface-coated paperboard		322220-6	12/84	240.6	240.6	240.6	-0.9	0.0
Secondary products and miscellaneous receipts		322220-SM						
Miscellaneous receipts		322220-M	12/11	137.0	109.4	111.0	-6.0	1.5
Secondary products		322220-S	12/11	97.3	97.0	96.8	-5.8	-0.2
Stationery product mfg.	32223		12/03	134.8	135.6	135.2	1.2	-0.3
Stationery product manufacturing	322230		12/11	105.4	106.0	105.7	1.1	-0.3
Primary products		322230-P	12/11	106.1	106.7	106.4	1.5	-0.3
Die-cut paper, paperboard office supplies, and paper supplies for business machines		322230-1	12/03	154.5	154.6	153.9	2.4	-0.5
Die-cut paper and paperboard office supplies		322230-11	12/89	147.5	148.0	149.4	2.5	0.9
Paper supplies for business machines and other misc. unprinted office supplies		322230-13	06/85	206.2	206.0	203.0	2.3	-1.5
Envelopes		322230-2	12/84	165.9	167.9	167.7	0.8	-0.1
Stationery, tablets, and related products		322230-3	06/85	193.9	194.0	193.6	0.9	-0.2
Stationery		322230-31	06/85	187.1	187.5	187.1	1.2	-0.2
Tablets, pads and related products		322230-33	06/85	197.4	197.4	196.9	0.8	-0.3
Secondary products and miscellaneous receipts		322230-SM						
Miscellaneous receipts		322230-M	12/11	96.7	96.7	96.7	-2.2	0.0
Secondary products		322230-S	12/11	103.8	103.8	103.8	-1.3	0.0
Other converted paper product mfg.	32229		12/03	118.1	118.1	118.0	-0.3	-0.1
Sanitary paper product manufacturing	322291		12/03	111.7	111.7	111.6	-0.4	-0.1
Primary products		322291-P	06/83	166.0	166.0	165.9	-0.5	-0.1
Disposable sanitary products, made from purchased sanitary paper stock or wadding		322291-2	12/03	94.9	94.9	94.9	0.0	0.0
Sanitary tissue paper products, made from purchased sanitary paper stock or wadding		322291-5	12/03	131.0	131.0	130.7	-1.4	-0.2
Secondary products and miscellaneous receipts		322291-SM						
Secondary receipts		322291-S	06/83	172.9	173.7	172.7	0.1	-0.6
All other converted paper product mfg.	322299		12/03	133.8	133.6	133.6	-0.1	0.0
Primary products		322299-P	12/03	132.5	132.5	132.5	0.0	0.0
Miscellaneous converted paper and paperboard products		322299-3	12/03	131.1	131.1	131.1	0.0	0.0
Secondary products and miscellaneous receipts		322299-SM						
Secondary products		322299-S	12/03	155.6	156.1	155.6	2.9	-0.3
Printing and related support activities	323		12/03	113.4	113.6	114.0	0.6	0.4
Printing and related support activities	3231		12/03	113.6	113.7	114.1	0.6	0.4
Printing	32311		12/03	114.1	114.3	114.7	0.7	0.3
Commercial screen printing	323113		12/03	104.9	104.9	104.6	-1.4	-0.3
Primary products		323113-P	12/03	104.0	104.1	103.6	-1.7	-0.5
Screen printed labels		323113-2	12/01	100.2	–	100.2	0.0	–
Screen printing on garments, apparel accessories, and other fabric articles, except labels		323113-4	06/90	131.2	131.2	131.2	1.0	0.0
Screen printing (except on textiles, apparel, apparel accessories, and labels)		323113-6	12/06	102.2	102.3	101.0	-6.0	-1.3
Screen printed advertising materials		323113-62	12/01	113.6	113.9	110.8	-13.1	-2.7
Screen printed decalcomanias and pressure sensitives (self-adhesive)		323113-63	12/01	111.7	111.7	111.7	3.7	0.0
Other commercial and general job printing (screen)		323113-66	12/01	95.3	95.3	95.3	0.0	0.0
Secondary products and miscellaneous receipts		323113-SM						
Secondary products		323113-S	12/03	103.6	103.6	103.6	-1.2	0.0
Books printing	323117		12/83	173.8	173.9	174.0	-0.2	0.1
Primary products		323117-P	12/83	176.4	176.5	176.6	-0.2	0.1
Textbook printing and binding		323117-1	06/93	97.9	97.9	97.9	-0.6	0.0
Technical, scientific, & professional book printing & binding		323117-3	06/93	106.4	106.7	107.5	1.0	0.7
Religious book printing and binding		323117-5	06/93	118.3	118.3	118.4	-1.5	0.1
General book (trade, etc.) printing & binding		323117-7	06/93	134.1	134.1	134.1	-0.1	0.0
Other book printing and binding		323117-9	06/93	145.3	146.0	146.0	-0.1	0.0
Secondary products and miscellaneous receipts		323117-SM						
Secondary products		323117-S	12/83	145.2	145.2	145.5	0.2	0.2
Commercial printing (except screen and books)	32311K		12/11	101.1	101.2	101.7	1.0	0.5
Primary products		32311K-P	12/11	100.9	101.0	101.3	0.5	0.3
Commercial lithographic printing		32311K-0	06/82	164.0	163.9	164.5	0.4	0.4

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Commercial printing (except screen and books) - Continued								
General job printing, nec (lithographic) (offset)		32311K-0B	12/01	109.8	109.9	109.9	0.3	0.0
Magazine and periodical printing (lithographic) (offset)		32311K-01	06/82	130.1	–	132.9	2.2	–
Label and wrapper printing (lithographic) (offset)		32311K-03	06/82	144.8	144.8	144.8	-0.1	0.0
Catalog and directory printing (lithographic) (offset)		32311K-05	06/82	144.3	144.3	144.4	0.1	0.1
Financial and legal printing (lithographic) (offset)		32311K-07	06/82	169.6	169.6	169.6	0.0	0.0
Advertising printing (lithographic) (offset)		32311K-09	06/82	152.3	152.3	151.9	-0.1	-0.3
Direct mail advertising printing (lithographic) incl. circulars, cards, etc.		32311K-091	12/88	126.2	126.2	125.7	-0.2	-0.4
Advertising printing (lithographic) except direct mail advertising		32311K-092	06/09	101.9	101.7	101.8	-0.1	0.1
Commercial gravure printing		32311K-1	06/82	93.3	96.4	95.4	1.1	-1.0
Label and wrapper printing (gravure)		32311K-13	06/82	133.7	133.7	133.7	0.1	0.0
Other commercial and general job printing (gravure)		32311K-19	06/82	111.9	111.9	111.9	-0.4	0.0
Commercial flexographic printing		32311K-2	12/03	128.5	128.6	128.6	0.2	0.0
Label and wrapper printing (flexographic)		32311K-21	12/01	131.3	131.5	131.4	0.2	-0.1
Printing other than labels and wrappers (flexographic)		32311K-23	12/01	120.0	120.0	120.0	-0.2	0.0
Quick printing		32311K-4	12/03	119.6	119.6	122.2	4.7	2.2
Digital commercial printing		32311K-5	12/03	91.3	91.3	91.3	-0.2	0.0
Manifold business forms printing		32311K-6	12/03	176.1	177.0	177.9	0.9	0.5
Unit set business forms, loose or bound, including label/form type		32311K-61	12/83	389.7	389.7	393.1	0.9	0.9
Manifold books (incl. sales) and pegboard accounting systems		32311K-63	12/83	277.7	261.6	272.4	-1.9	4.1
Custom continuous business forms		32311K-65	12/83	320.5	320.7	321.2	-0.3	0.2
Stock continuous business forms		32311K-67	12/83	369.8	–	371.8	0.5	–
Checkbooks, incl. inserts and refills, excl. continuous and die-cut		32311K-69	06/85	312.4	–	319.0	2.1	–
Blankbook and looseleaf binder manufacturing		32311K-8	12/03	133.1	133.1	133.1	1.1	0.0
Blankbook making, except checkbooks		32311K-81	12/91	165.6	165.6	165.6	2.0	0.0
Looseleaf binders, devices, and forms		32311K-83	06/85	186.8	186.8	186.8	0.8	0.0
Other commercial printing		32311K-9	12/03	110.0	110.0	109.2	1.6	-0.7
Secondary products and miscellaneous receipts		32311K-SM						
Miscellaneous receipts		32311K-M	12/11	101.6	102.2	104.8	2.8	2.5
Secondary products		32311K-S	12/11	102.5	102.6	102.6	3.0	0.0
Support activities for printing	32312		12/03	101.3	101.5	101.5	-0.3	0.0
Support activities for printing	323120		12/11	102.9	103.0	103.0	-0.3	0.0
Primary products		323120-P	12/11	101.1	101.3	101.3	-0.4	0.0
Tradebinding and related work		323120-1	12/85	165.1	165.7	165.6	1.0	-0.1
Edition, library, and other hardcover bookbinding		323120-11	12/85	184.1	184.1	184.1	0.4	0.0
Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere		323120-15	12/06	108.5	108.5	108.5	0.1	0.0
Miscellaneous binding and postpress work		323120-17	12/06	105.1	105.9	105.8	1.9	-0.1
Prepress services		323120-2	12/03	91.5	91.5	91.5	-1.6	0.0
Prepress services, except platemaking		323120-21	12/03	88.6	88.6	88.6	-2.3	0.0
Printing plates, prepared for printing, excl. blank plates		323120-23	12/03	101.3	101.3	101.3	0.0	0.0
Secondary products and miscellaneous receipts		323120-SM						
Petroleum and coal products manufacturing	324		12/84	161.7	197.2	192.7	-24.5	-2.3
Petroleum and coal products mfg	3241		12/84	161.7	197.2	192.7	-24.5	-2.3
Petroleum refineries	32411		06/85	152.3	191.4	186.5	-26.5	-2.6
Petroleum refineries	324110		06/85	152.1	194.3	189.8	-25.4	-2.3
Primary products		324110-P	06/85	153.4	196.6	191.3	-25.6	-2.7
Light fuel oils		324110-AY	06/85	143.2	186.2	190.9	-18.9	2.5
Home heating oil and other distillates, NEC		324110-AY1	06/85	125.9	173.8	177.6	-19.6	2.2
Diesel fuel		324110-AY2	06/85	149.5	192.3	197.2	-18.8	2.5
Heavy fuel oils, including No. 5, No. 6, heavy diesel, gas enrichment oils, etc.		324110-DY	06/85	95.7	126.6	157.8	-23.3	24.6
Unfinished oils and lubricating oil base stock		324110-J	06/85	207.6	222.7	248.7	-17.7	11.7
Liquefied refinery gases, including other aliphatics (feed stock and other uses)		324110-R	06/85	319.7	363.7	303.2	-19.4	-16.6
Other finished petroleum products, including waxes		324110-T	06/85	262.4	215.7	196.8	-52.9	-8.8
Gasoline, including finished base stocks and blending agents		324110-1	06/85	139.7	189.1	175.6	-27.9	-7.1
Motor gasoline, including finished base stocks and blending agents		324110-12	06/85	139.1	188.5	175.1	-28.2	-7.1
Regular gasoline		324110-121	06/85	132.0	181.3	168.6	-27.8	-7.0
Mid-premium gasoline		324110-122	12/87	224.9	275.5	263.4	-29.3	-4.4
Premium gasoline		324110-123	06/85	159.9	207.1	189.7	-30.0	-8.4
Jet fuel		324110-4Y	06/85	141.0	186.3	184.8	-20.1	-0.8
Kerosene, except jet fuel		324110-7Y	06/85	160.6	192.6	192.4	-18.3	-0.1
Asphalt		324110-9	06/85	108.7	150.0	154.1	-28.1	2.7
Secondary products and miscellaneous receipts		324110-SM1						
Asphalt paving and roofing materials mfg	32412		12/84	251.9	246.5	247.0	-3.3	0.2
Asphalt paving mixture & block manufacturing	324121		06/81	309.0	294.3	294.5	-6.3	0.1
Primary products		324121-P	06/81	310.6	293.9	294.3	-6.9	0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Asphalt paving mixture & block manufacturing - Continued								
Asphalt paving mixtures & blocks		324121-0	06/81	310.6	293.9	294.3	-6.9	0.1
Emulsified asphalt, including liquid additives		324121-0111	12/04	196.9	193.5	194.5	-13.4	0.5
Other liquid asphalt and tar paving materials, including cut-backs		324121-0121	12/04	237.3	223.1	225.4	-13.5	1.0
Asphalt and tar paving mixt. (excl liquid), incl bitum. or asph. concrete, asph. paving cement		324121-0131	12/04	207.4	194.0	193.8	-4.5	-0.1
Secondary products and miscellaneous receipts		324121-SM						
Miscellaneous receipts		324121-M	12/04	138.8	144.8	143.4	–	-1.0
Secondary products		324121-S	06/81	290.1	295.2	295.1	–	0.0
Asphalt shingle and coating materials manufacturing	324122		06/84	228.0	231.0	232.0	0.7	0.4
Primary products		324122-P	06/84	229.2	232.4	233.5	0.7	0.5
Roofing asphalts and pitches, coatings, and cements		324122-1	06/84	238.3	238.9	238.9	0.3	0.0
Prepared asphalt and tar roofing and siding products, incl. saturated felts for nonbuilding use		324122-2	06/84	224.1	227.7	229.0	0.7	0.6
Secondary products and miscellaneous receipts		324122-SM						
Miscellaneous receipts		324122-M	12/91	191.5	192.9	192.8	0.7	-0.1
Secondary products		324122-S	06/84	207.6	207.8	207.6	0.0	-0.1
Other petroleum and coal products mfg	32419		12/84	355.7	351.9	351.4	-5.2	-0.1
Petroleum lubricating oil and grease mfg	324191		12/80	407.0	405.6	405.6	-2.9	0.0
Primary products		324191-P	12/80	424.0	422.3	422.4	-3.0	0.0
Petroleum lubricating oils and greases, refined petroleum		324191-0	12/80	424.0	422.3	422.4	-3.0	0.0
Lubricating oils (incl. hydraulic fluids, etc.), refined petroleum		324191-011	12/80	432.5	430.6	430.7	-3.1	0.0
Lubricating greases, made from refined petroleum		324191-012	12/80	366.1	366.1	366.1	-1.0	0.0
Secondary products and miscellaneous receipts		324191-SM						
Miscellaneous receipts		324191-M	12/80	–	289.3	289.3	–	0.0
Secondary products		324191-S	12/80	278.0	–	–	–	–
All other petroleum and coal products mfg	324199		12/03	217.0	210.5	209.1	-11.7	-0.7
Primary products		324199-P	12/03	225.0	217.3	215.5	-12.0	-0.8
Coke oven and blast furnace products, made in coke oven establishments		324199-1Y	12/09	142.2	134.7	130.1	-10.6	-3.4
All other petroleum and coal products (excl. coke oven products), made in coke oven estab.		324199-2	12/02	192.8	190.3	194.2	-13.3	2.0
Secondary products and miscellaneous receipts		324199-SM						
Chemical mfg	325		12/84	264.8	267.4	266.7	-0.2	-0.3
Basic chemical mfg	3251		12/84	284.3	291.2	288.1	-6.5	-1.1
Petrochemical mfg	32511		12/03	99.3	112.7	110.5	-21.0	-2.0
Petrochemical manufacturing	325110		12/03	100.1	113.3	111.1	-20.8	-1.9
Primary products		325110-P	12/03	131.3	147.4	142.8	-19.9	-3.1
Secondary products and miscellaneous receipts		325110-SM						
Industrial gas mfg	32512		12/03	152.1	154.1	155.1	2.9	0.6
Industrial gas manufacturing	325120		12/03	152.0	153.9	154.9	2.9	0.6
Primary products		325120-P	06/81	237.2	240.6	242.3	3.2	0.7
Oxygen		325120-A	06/81	251.2	251.9	251.8	1.8	0.0
Argon and hydrogen		325120-C	06/09	102.1	102.4	102.0	-7.3	-0.4
Other industrial gases (including fluorocarbon)		325120-T	06/09	144.6	144.6	145.5	5.9	0.6
Carbon dioxide		325120-4	06/81	365.8	437.0	467.8	32.8	7.0
Nitrogen		325120-7	06/81	162.6	161.8	161.8	2.9	0.0
Secondary products and miscellaneous receipts		325120-SM						
Synthetic dye and pigment mfg	32513		12/03	117.4	124.3	114.5	-10.1	-7.9
Synthetic dye and pigment manufacturing	325130		12/11	77.5	82.1	75.6	-10.1	-7.9
Primary products		325130-P	12/11	75.7	80.7	73.6	-11.2	-8.8
Inorganic dyes and pigments		325130-1	06/83	170.5	186.5	163.6	-14.4	-12.3
Titanium dioxide, composite and pure		325130-11	06/83	158.7	181.5	148.9	-20.9	-18.0
Chrome colors and other inorganic pigments		325130-13	06/83	254.8	254.8	254.9	0.2	0.0
Chrome colors		325130-131	12/01	190.0	190.0	188.7	-0.7	-0.7
Iron oxide pigments		325130-132	06/83	237.2	237.2	241.2	1.0	1.7
All other inorganic pigments, including white extender pigments and ceramic color pigments		325130-133	12/97	160.4	160.4	160.4	1.1	0.0
Synthetic organic dyes and pigments		325130-2	12/03	110.7	111.1	110.8	-3.5	-0.3
Synthetic organic dyes		325130-21	12/82	89.8	90.7	89.8	-6.4	-1.0
Synthetic organic pigments, lakes, and toners		325130-22	12/82	157.4	157.6	157.6	-2.2	0.0
Secondary products and miscellaneous receipts		325130-SM						
Other basic inorganic chemical manufacturing	32518		12/03	234.8	233.8	229.4	-6.4	-1.9
Other basic inorganic chemical manufacturing	325180		12/10	102.1	101.6	99.8	-6.3	-1.8
Primary products		325180-P	12/10	92.1	91.6	89.4	-7.6	-2.4
Carbon black manufacturing		325180-2	12/83	267.4	281.9	–	–	–

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Other basic inorganic chemical manufacturing - Continued								
All other basic inorganic chemical mfg.		325180-8	12/82	314.5	311.7	301.2	-8.9	-3.4
Sulfuric and other inorganic acids, excluding nitric and phosphoric.		325180-81	12/10	115.7	110.2	103.2	-11.9	-6.4
Sulfuric acid.		325180-811	12/82	105.8	104.4	102.3	-5.7	-2.0
Other inorganic aluminum compounds.		325180-87	12/82	212.6	209.1	209.9	-3.3	0.4
Potassium and sodium compounds, excluding bleaches, alkalies, and alum.		325180-8A	12/82	382.8	374.7	383.1	-1.3	2.2
All other inorganic chemicals.		325180-8H	12/03	291.8	292.9	278.6	-12.9	-4.9
Secondary products and miscellaneous receipts.		325180-SM						
Miscellaneous receipts.		325180-M	12/10	155.3	155.2	155.2	-3.6	0.0
Other basic organic chemical mfg.	32519		12/03	157.1	158.9	158.4	-3.1	-0.3
Ethyl alcohol manufacturing.	325193		12/03	139.9	152.9	152.3	3.0	-0.4
Primary products.		325193-P	12/82	161.7	188.0	186.1	1.9	-1.0
Ethyl alcohol.		325193-0	12/82	161.7	188.0	186.1	1.9	-1.0
Secondary products and miscellaneous receipts.		325193-SM						
Secondary products.		325193-S	12/03	140.5	139.4	141.8	1.4	1.7
Gum and wood chemical manufacturing.	325194		06/11	86.7	88.5	88.4	-5.0	-0.1
Primary products.		325194-P	06/11	91.0	92.4	92.5	-2.3	0.1
Gum and wood chemicals, including wood distillation products.		325194-1	06/84	443.6	443.3	442.1	-1.0	-0.3
Cyclic crude and intermediate chemicals.		325194-2	12/03	141.8	145.2	145.5	-2.9	0.2
Secondary products and miscellaneous receipts.		325194-SM						
All other basic organic chemical manufacturing.	325199		12/03	171.7	171.8	171.3	-3.7	-0.3
Primary products.		325199-P	12/82	293.7	292.5	294.2	-3.9	0.6
Reagent and high-purity grades of organic chemicals refined from purchased technical grades.		325199-A	12/08	100.1	100.1	100.1	-0.2	0.0
Natural organic chemicals.		325199-E	12/08	110.3	107.7	107.5	-4.9	-0.2
Synthetic organic chemicals for use as flavor and perfume materials.		325199-H	12/03	123.2	122.5	123.8	-4.8	1.1
Synthetic organic plasticizers.		325199-N	12/03	157.0	156.4	157.1	-5.4	0.4
Other synthetic organic chemicals.		325199-R	12/03	147.4	142.5	141.2	-3.9	-0.9
Miscellaneous end use chemicals and chemical products, excluding urea.		325199-T	12/82	335.5	332.7	332.8	0.1	0.0
Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters.		325199-V	12/82	239.5	240.8	249.6	-15.3	3.7
Fatty acids.		325199-1	06/85	182.1	203.0	202.7	9.6	-0.1
Secondary products and miscellaneous receipts.		325199-SM						
Resin, synthetic rubber, and artificial/synthetic fiber/filaments mfg.	3252		12/84	192.6	198.1	197.9	-4.2	-0.1
Resin and synthetic rubber mfg.	32521		12/03	155.9	160.6	160.5	-4.3	-0.1
Plastics material and resins mfg.	325211		12/80	254.3	262.0	261.7	-4.4	-0.1
Primary products.		325211-P	12/80	226.8	234.8	234.5	-4.3	-0.1
Thermoplastic resins and plastics materials.		325211-1	12/80	222.6	231.9	231.7	-4.5	-0.1
Thermosetting resins and plastics materials.		325211-4	12/80	247.8	247.5	246.0	-3.5	-0.6
Secondary products and miscellaneous receipts.		325211-SM						
Miscellaneous receipts.		325211-M	12/98	80.6	80.9	81.7	-7.4	1.0
Synthetic rubber manufacturing.	325212		06/81	207.8	214.8	214.6	-3.5	-0.1
Primary products.		325212-P	06/81	203.0	211.0	210.7	-3.7	-0.1
Synthetic rubber (vulcanizable elastomers).		325212-0	06/81	203.0	211.0	210.7	-3.7	-0.1
Secondary products and miscellaneous receipts.		325212-SM						
Artificial fibers and filaments manufacturing.	32522		12/03	115.8	115.8	115.4	-3.4	-0.3
Artificial fibers and filaments manufacturing.	325220		06/81	117.8	117.8	117.5	-3.3	-0.3
Primary products.		325220-P	06/81	120.0	120.0	119.6	-3.3	-0.3
Noncellulosic organic (synthetic) fibers.		325220-2	06/81	114.9	114.9	114.5	-3.9	-0.3
Polyester fibers.		325220-27	12/89	92.1	92.2	92.2	-2.2	0.0
Other noncellulosic organic fibers, incl. polyamide, polyolefin, and producer-textured.		325220-29	06/11	95.3	95.3	94.9	-4.1	-0.4
Secondary products and miscellaneous receipts.		325220-SM						
Pesticide, fertilizer, and other agricultural chemical mfg.	3253		12/84	217.3	217.6	210.1	-8.7	-3.4
Fertilizer mfg.	32531		12/03	175.9	176.0	166.0	-15.4	-5.7
Nitrogenous fertilizer manufacturing.	325311		12/79	314.3	313.3	290.1	-20.1	-7.4
Primary products.		325311-P	12/79	302.9	302.2	278.6	-20.9	-7.8
Synthetic ammonia, nitric acid, ammonium compounds, and urea.		325311-A	12/14	81.7	81.4	74.8	-21.8	-8.1
Fertilizer materials of organic origin.		325311-7	06/03	135.1	136.2	136.0	1.0	-0.1
Secondary products and miscellaneous receipts.		325311-SM						
Phosphatic fertilizer manufacturing.	325312		12/79	296.8	298.9	276.3	-18.6	-7.6
Primary products.		325312-P	12/79	239.1	242.0	218.2	-21.4	-9.8
Phosphoric acid, superphosphates, and other phosphatic fertilizer materials.		325312-A	12/09	120.4	121.1	109.5	-21.1	-9.6
Mixed fertilizers, made in plants which manufacture fertilizer materials.		325312-7	12/79	223.6	234.6	208.4	-22.6	-11.2

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Phosphatic fertilizer manufacturing - Continued								
Secondary products and miscellaneous receipts		325312-SM						
Fertilizer, mixing only, manufacturing	325314		12/79	221.0	220.3	218.6	-3.1	-0.8
Primary products		325314-P	12/79	225.3	225.0	223.2	-2.2	-0.8
Mixed fertilizers, mixing only		325314-0	06/86	200.1	199.8	198.2	-2.2	-0.8
Mixed fertilizers, dry, mixing only		325314-01	06/03	154.9	154.4	153.4	-1.6	-0.6
Mixed fertilizers, liquid, mixing only		325314-02	06/86	204.9	207.0	203.5	-5.7	-1.7
Secondary products and miscellaneous receipts		325314-SM						
Pesticide and other agricultural chemical mfg	32532		12/03	125.1	125.3	124.0	-0.6	-1.0
Pesticide and other agricultural chemical manufacturing	325320		06/82	172.2	172.5	170.7	-0.6	-1.0
Primary products		325320-P	06/82	180.6	180.9	178.9	-0.7	-1.1
Agricultural and commercial pesticides and chemicals		325320-1	06/03	122.0	121.9	120.0	-1.7	-1.6
Lawn and garden pesticides and chemicals		325320-4	06/03	133.7	133.7	133.7	0.3	0.0
Household and institutional pesticides and chemicals		325320-7	06/03	135.5	136.4	136.4	2.0	0.0
Secondary products and miscellaneous receipts		325320-SM						
Pharmaceutical and medicine mfg	3254		12/84	450.1	452.0	452.3	5.2	0.1
Pharmaceutical and medicine mfg	32541		12/03	187.9	188.7	188.9	5.2	0.1
Medicinal and botanical manufacturing	325411		06/82	175.8	173.4	173.8	-2.1	0.2
Primary products		325411-P	06/82	179.0	176.4	176.9	-2.0	0.3
Medicinal and botanical chemicals, drugs, and other products		325411-0	12/11	99.9	98.4	98.7	-2.0	0.3
Secondary products and miscellaneous receipts		325411-SM						
Secondary products		325411-S	06/82	125.7	–	125.7	-4.3	–
Pharmaceutical preparation manufacturing	325412		06/81	706.0	708.6	709.0	5.8	0.1
Primary products		325412-P	06/81	771.3	774.3	774.8	6.2	0.1
Pharmaceuticals acting on the respiratory system, for human use		325412-A	06/01	208.2	210.4	210.5	5.0	0.0
Antihistamines and bronchodilators, including antiasthmatics		325412-A111	06/81	1,141.5	1,166.1	1,166.1	3.5	0.0
Other respiratory preparations		325412-A112	06/01	203.2	203.2	203.4	6.7	0.1
Pharmaceuticals acting on the digestive or the genito-urinary systems, for human use		325412-D	06/01	181.0	181.4	182.0	1.0	0.3
Antispasmodic/antisecretory		325412-D111	06/81	525.7	–	–	–	–
Other digestive or genito-urinary preparations		325412-D112	06/01	179.0	179.5	180.5	1.5	0.6
Antacids		325412-D113	12/09	95.9	95.9	95.9	0.0	0.0
Pharmaceuticals acting on the skin, for human use		325412-G	06/01	169.7	169.7	170.4	0.5	0.4
Emollients and protectives, including burn remedies		325412-G211	12/09	102.1	102.1	102.0	-0.1	-0.1
Other pharmaceutical preparations acting on the skin		325412-G311	12/09	102.9	102.9	103.6	0.7	0.7
Anti-acne preparations		325412-G411	12/09	106.1	106.1	106.1	0.8	0.0
Vitamin, nutrient, and hematinic preparations, for human use		325412-L	06/01	135.1	135.2	135.5	1.0	0.2
Multivitamins		325412-L111	06/81	181.5	181.5	182.1	0.5	0.3
Other vitamins and nutrients		325412-L112	06/01	145.8	145.9	146.2	1.3	0.2
Pharmaceuticals affecting parasitic and infective diseases, for human use		325412-Q	06/01	233.1	234.3	234.3	5.4	0.0
Broad and medium spectrum antibiotics		325412-Q111	06/81	548.3	548.3	548.3	1.4	0.0
Systemic antivirals		325412-Q112	06/01	242.5	244.3	244.3	6.4	0.0
Other parasitic and infective diseases		325412-Q113	06/01	237.1	237.3	237.3	5.3	0.0
Pharmaceuticals for veterinary use, incl. medicinal premixes/pet care products		325412-T	06/81	181.0	181.4	181.4	2.0	0.0
Pharmaceuticals affecting neoplasms, the endocrine system, & metabolic diseases		325412-1	06/01	263.5	262.6	262.8	9.4	0.1
Cancer therapy products		325412-1111	06/81	764.6	764.6	770.5	2.1	0.8
Insulin/antidiabetes products		325412-1112	06/81	1,203.8	1,203.8	1,203.8	5.2	0.0
Other neoplasms, endocrine system, and metabolic diseases		325412-1113	06/81	–	938.4	938.4	–	0.0
Hormones and oral contraceptives		325412-1114	12/09	171.9	167.7	167.7	16.4	0.0
Pharmaceuticals acting on the central nervous system and the sense organs		325412-4	06/01	253.5	253.7	253.7	4.9	0.0
Analgesics		325412-4111	06/01	251.5	251.5	251.6	5.0	0.0
Psychotherapeutics		325412-4112	06/81	5,713.4	5,713.4	5,713.4	4.1	0.0
Antidepressants		325412-41121	12/87	1,049.5	1,049.5	1,049.5	0.0	0.0
Other psychotherapeutics, including tranquilizers		325412-41123	06/01	291.6	291.6	291.6	8.0	0.0
Other central nervous system and sense organs		325412-4113	06/01	201.8	201.8	201.8	4.9	0.0
Anticonvulsants		325412-4114	12/09	169.1	170.3	170.3	8.7	0.0
Pharmaceuticals acting on the cardiovascular system, for human use		325412-7	06/81	1,087.8	1,109.7	1,109.7	11.2	0.0
Anticoagulants		325412-7111	06/81	198.3	208.1	208.1	12.6	0.0
ACE inhibitors		325412-7112	06/01	148.3	–	–	–	–
Other cardiovascular preparations		325412-7113	06/01	353.9	360.8	360.8	11.4	0.0
Calcium channel blockers and other vasodilators		325412-7114	12/09	246.7	246.7	246.7	9.1	0.0
Secondary products and miscellaneous receipts		325412-SM						
Secondary products		325412-S	06/81	255.2	256.0	256.0	6.6	0.0
In-vitro diagnostic substance manufacturing	325413		03/80	250.4	250.1	250.6	-1.6	0.2
Primary products		325413-P	06/87	174.8	174.5	175.0	-2.4	0.3

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
In-vitro diagnostic substance manufacturing - Continued								
In-vitro diagnostic substances		325413-0	06/91	155.2	154.9	155.4	-2.4	0.3
Secondary products and miscellaneous receipts		325413-SM						
Secondary products		325413-S	03/80	357.0	357.0	357.1	4.9	0.0
Biological product (except diagnostic) manufacturing	325414		06/91	198.9	203.6	203.6	4.7	0.0
Primary products		325414-P	06/91	206.2	212.1	212.1	5.1	0.0
Biological products, excluding diagnostics, for veterinary, industrial, and all other misc. use		325414-A	03/80	150.2	149.0	149.0	5.7	0.0
Biological products for human use		325414-T	06/09	123.0	127.3	127.3	5.0	0.0
Secondary products and miscellaneous receipts		325414-SM						
Secondary products		325414-S	06/91	232.5	231.1	231.1	2.7	0.0
Paint, coating & adhesive mfg	3255		12/03	156.3	156.6	156.7	-0.8	0.1
Paint and coating mfg	32551		06/83	271.1	271.6	271.8	-0.6	0.1
Paint and coating manufacturing	325510		06/83	270.6	271.2	271.4	-0.5	0.1
Primary products		325510-P	06/83	273.2	273.6	273.8	-0.7	0.1
Miscellaneous allied paint products including paint and varnish removers, thinners, etc		325510-B	12/88	278.7	274.3	274.3	-4.2	0.0
Architectural coatings		325510-1	06/83	295.4	299.3	299.3	0.6	0.0
Exterior architectural coatings		325510-11	12/12	96.6	100.9	100.9	3.0	0.0
Interior architectural coatings		325510-12	12/12	97.0	96.4	96.4	-0.8	0.0
Product finishes for original equipment manufacturers (OEM), excluding marine coatings		325510-4	06/83	191.8	190.4	191.1	-1.6	0.4
Transportation finishes, except powdered and high-solids coatings		325510-41	12/12	105.1	104.8	104.8	-0.4	0.0
All other product finishes for original equipment manufacturers (OEM), excluding marine coating		325510-42	12/12	99.6	98.8	99.2	-2.1	0.4
Special purpose coatings incl. marine, industrial, construction and maintenance coatings, etc.		325510-7	06/83	351.1	348.8	348.4	-1.1	-0.1
Automotive, other transportation and machinery refinish paints and enamels, including primers		325510-71	12/12	108.9	108.7	108.6	0.4	-0.1
Special purpose coatings, including all marine coatings and traffic marking paints		325510-72	12/12	98.3	96.9	96.8	-3.4	-0.1
Secondary products and miscellaneous receipts		325510-SM						
Miscellaneous receipts		325510-M	06/83	226.6	229.4	229.4	1.5	0.0
Adhesive mfg	32552		12/03	151.3	151.5	151.5	-1.6	0.0
Adhesive manufacturing	325520		12/83	246.1	246.3	246.3	-1.6	0.0
Primary products		325520-P	12/83	249.5	249.8	249.8	-1.3	0.0
Nonstructural caulking compounds and sealants		325520-A	12/06	130.7	130.6	130.6	1.3	0.0
Synthetic resin & rubber adhesives, incl all types of bonding & laminating adhesives		325520-4	12/83	262.9	263.4	263.4	-2.3	0.0
Secondary products and miscellaneous receipts		325520-SM						
Secondary products		325520-S	12/83	190.5	189.4	189.5	-9.1	0.1
Soap, cleaners, and toilet preparation mfg	3256		12/84	170.0	170.1	170.6	0.5	0.3
Soap & cleaning compound mfg	32561		12/03	136.8	137.0	137.7	1.0	0.5
Soap and other detergent manufacturing	325611		06/83	174.4	174.2	174.9	0.7	0.4
Primary products		325611-P	06/83	176.5	176.3	176.5	0.3	0.1
Soaps and detergents, commercial, industrial, and institutional		325611-1	06/83	242.1	242.9	243.0	0.9	0.0
Hard surface soaps and detergents, commercial, industrial, and institutional		325611-11	06/07	119.2	119.2	119.2	0.0	0.0
Commercial, industrial, and institutional laundry detergents		325611-12	06/07	136.4	136.4	136.4	1.0	0.0
Commercial, industrial, and institutional dishwashing detergents		325611-13	12/11	108.8	110.2	110.2	1.3	0.0
Dairy, farm, and food plant cleaners, sanitizers, etc.		325611-16	06/07	122.9	122.9	122.9	0.0	0.0
Commercial, industrial, and institutional soaps, excluding specialty cleaners		325611-17	06/07	119.1	119.1	119.7	1.3	0.5
Household detergents		325611-4	06/83	150.4	149.5	150.0	0.4	0.3
Secondary products and miscellaneous receipts		325611-SM						
Miscellaneous receipts		325611-M	06/83	188.8	188.8	200.3	8.6	6.1
Secondary products		325611-S	06/83	154.3	154.3	154.5	0.1	0.1
Polish and other sanitation good mfg	325612		06/83	192.7	192.8	192.8	-0.2	0.0
Primary products		325612-P	06/83	193.6	193.8	193.7	-0.3	-0.1
Specialty cleaning and sanitation products (including household bleaches)		325612-5	06/83	180.5	180.9	180.7	-0.4	-0.1
Air and room fresheners		325612-53	06/83	155.3	155.6	155.6	0.2	0.0
Specialty cleaning and sanitation products		325612-54	06/89	162.9	162.9	162.8	0.0	-0.1
Household bleaches, disinfectants, and laundry fabric softeners		325612-5T	06/07	122.8	123.2	123.1	-1.0	-0.1
Polishing preparations and related products		325612-7	06/83	225.5	225.3	225.3	-0.1	0.0
Secondary products and miscellaneous receipts		325612-SM						
Surface active agent manufacturing	325613		12/83	234.0	236.3	239.8	3.3	1.5
Primary products		325613-P	12/83	256.4	259.0	263.2	3.5	1.6
Surfactants, finishing agents, and assistants		325613-0	12/83	256.4	259.0	263.2	3.5	1.6

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Surface active agent manufacturing - Continued								
Textile and leather assistants and finishes		325613-01	12/83	190.7	191.5	192.7	2.0	0.6
Surfactants (bulk surface active agents)		325613-02	12/83	283.5	286.5	291.4	3.6	1.7
Secondary products and miscellaneous receipts		325613-SM						
Toilet preparation mfg	32562		12/03	113.1	113.1	113.2	0.1	0.1
Toilet preparation manufacturing	325620		03/80	205.7	205.7	205.9	0.1	0.1
Primary products		325620-P	03/80	209.3	209.4	209.5	0.1	0.0
Dentifrices, mouthwashes, gargles, and rinses		325620-A	12/03	112.8	112.8	112.8	1.3	0.0
Creams, lotions and oils, excluding shaving, hair, and deodorant		325620-D	03/80	202.3	202.3	202.3	-2.6	0.0
Other cosmetics and toilet preparations		325620-G	06/99	112.2	112.2	112.5	1.2	0.3
Shaving preparations		325620-1	03/80	181.5	181.5	181.5	0.0	0.0
Perfumes, toilet waters, and colognes		325620-4	03/80	219.0	219.0	219.0	0.9	0.0
Hair preparations (including shampoos)		325620-7	03/80	232.2	232.4	232.4	0.4	0.0
Hair preparations (including shampoos), excluding hair tonics		325620-71	06/07	128.6	128.8	128.8	0.4	0.0
Hair tonics, including hair and scalp conditioners		325620-72	06/07	113.6	113.5	113.6	0.4	0.1
Secondary products and miscellaneous receipts		325620-SM						
Miscellaneous receipts		325620-M	03/80	139.7	139.7	139.7	0.0	0.0
Secondary products		325620-S	03/80	318.4	318.2	318.4	-0.3	0.1
Other chemical product & preparation mfg	3259		12/03	141.4	141.3	141.9	0.3	0.4
Printing ink mfg	32591		12/03	152.5	153.2	152.2	2.6	-0.7
Printing ink manufacturing	325910		06/84	204.4	205.3	204.0	2.6	-0.6
Primary products		325910-P	06/84	206.1	207.1	205.6	2.9	-0.7
Flexographic printing inks		325910-A	06/84	192.6	192.6	190.7	-1.0	-1.0
Nonimpact/digital inks		325910-E	06/05	174.2	178.4	–	–	–
All other printing inks		325910-H	06/84	203.5	203.5	203.5	0.1	0.0
Letterpress printing inks		325910-1	06/84	207.3	207.3	207.3	0.0	0.0
Lithographic and offset printing inks		325910-4Z	06/84	195.4	195.3	195.3	0.2	0.0
News and nonheat web offset printing inks		325910-4Z1	12/89	251.1	251.1	251.1	0.0	0.0
Publication and commercial web inks		325910-4Z2	12/97	129.3	129.3	129.0	0.1	-0.2
Sheet-fed general inks		325910-4Z3	12/97	127.9	127.9	127.9	0.7	0.0
Sheet-fed packaging inks		325910-4Z4	06/05	121.2	121.2	122.1	0.7	0.7
Gravure printing inks		325910-7	06/84	169.6	169.5	169.5	-0.1	0.0
Secondary products and miscellaneous receipts		325910-SM						
Secondary products		325910-S	06/84	158.2	158.2	158.2	-0.1	0.0
Explosives mfg	32592		12/06	122.6	120.9	120.2	-5.4	-0.6
Explosives manufacturing	325920		12/80	311.4	307.1	305.5	-5.4	-0.5
Primary products		325920-P	12/80	275.6	271.9	270.1	-5.5	-0.7
Explosives		325920-0	12/80	277.4	273.7	271.8	-5.5	-0.7
Secondary products and miscellaneous receipts		325920-SM						
All other chemical product & preparation mfg	32599		12/03	140.0	139.9	140.8	0.2	0.6
Custom compounding of purchased resins	325991		06/93	161.8	164.5	164.7	-1.1	0.1
Primary products		325991-P	06/93	166.9	170.0	170.2	-1.4	0.1
Custom compounding of purchased resins and color concentrates		325991-0	06/93	166.1	169.2	169.4	-1.4	0.1
Secondary products and miscellaneous receipts		325991-SM						
Photographic film and chemical manufacturing	325992		12/03	122.7	120.0	123.0	2.6	2.5
Primary products		325992-P	12/03	128.6	128.0	127.6	-0.9	-0.3
Photographic sensitized film, plates, paper, etc.		325992-T	06/07	129.6	129.4	128.9	-0.5	-0.4
Prepared photographic chemicals		325992-5	12/83	76.5	75.0	75.0	-2.6	0.0
Secondary products and miscellaneous receipts		325992-SM						
Other miscellaneous chemical product mfg.	325998		06/85	214.3	215.6	214.7	-0.9	-0.4
Primary products		325998-P	06/85	207.9	209.3	208.2	-1.0	-0.5
Water treating compounds		325998-A	06/85	157.3	160.2	156.5	-7.7	-2.3
All other chemical preparations, incl. essential oils, etc.		325998-J	06/85	232.5	233.8	233.3	1.7	-0.2
Secondary products and miscellaneous receipts		325998-SM						
Miscellaneous receipts		325998-M	12/03	160.8	160.8	160.8	0.0	0.0
Secondary products		325998-S	06/85	284.0	286.4	288.0	–	0.6
Plastics and rubber products mfg	326		12/84	182.1	182.8	182.5	-1.1	-0.2
Plastics product mfg	3261		06/93	160.2	160.9	160.6	-1.2	-0.2
Unsupported plastics film, sheet, and bag mfg	32611		12/03	150.8	151.9	152.0	-2.3	0.1
Plastics bag and pouch manufacturing	326111		12/03	161.3	162.5	162.8	-1.7	0.2
Primary products		326111-P	12/03	163.3	164.7	165.0	-1.7	0.2
Single-web film specialty bags, pouches, and liners		326111-1	12/83	248.1	250.5	250.2	-1.7	-0.1
Polyethylene refuse bags		326111-12	06/07	114.3	117.9	117.7	-1.1	-0.2
Other polyethylene bags, excluding grocery, textile, and food bags		326111-15	06/07	123.3	124.9	124.9	-1.6	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Plastics bag and pouch manufacturing - Continued								
Multiweb film/film combination specialty bags/pouches/liners		326111-3	12/03	167.5	167.8	170.8	-1.8	1.8
Secondary products and miscellaneous receipts		326111-SM						
Secondary products		326111-S	12/03	156.4	158.0	158.2	-1.1	0.1
Plastics packaging film and sheet mfg.	326112		12/03	132.5	134.3	134.5	-3.6	0.1
Primary products		326112-P	12/03	135.6	137.9	138.0	-2.9	0.1
Single-web film, rolls, and sheets, excluding coextruded, for flexible packaging uses		326112-1	12/87	193.8	197.2	200.0	-4.1	1.4
Single-web film, rolls, and sheets, excluding coextruded, for flexible packaging uses		326112-11	06/07	127.5	129.6	131.7	-4.1	1.6
Coextruded single-web film, for flexible packaging uses		326112-12	06/07	107.3	110.7	110.3	-3.8	-0.4
Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses		326112-3	12/87	175.3	178.4	174.3	-0.6	-2.3
Secondary products and miscellaneous receipts		326112-SM						
Secondary products		326112-S	12/03	115.9	114.2	114.4	-9.9	0.2
Nonpackaging plastics film and sheet mfg.	326113		06/93	178.7	179.4	179.3	-1.9	-0.1
Primary products		326113-P	12/82	217.5	218.0	218.1	-1.8	0.0
Unlaminated plastics film and sheet, excluding packaging		326113-0	12/82	217.5	218.0	218.1	-1.8	0.0
Unlaminated polyethylene film and sheet		326113-01	06/93	210.8	214.1	214.0	-3.5	0.0
Miscellaneous unlaminated plastics film and sheet		326113-04	06/93	175.1	174.6	174.8	-1.7	0.1
Secondary products and miscellaneous receipts		326113-SM						
Secondary products		326113-S	06/93	136.6	138.1	137.7	-2.8	-0.3
Plastics pipe/fitting/unsupported shapes mfg.	32612		12/03	161.3	164.7	165.9	-3.3	0.7
Unlaminated plastics profile shape manufacturing	326121		06/93	136.0	136.9	136.8	-1.2	-0.1
Primary products		326121-P	12/82	173.3	174.4	174.3	-1.5	-0.1
Unlaminated plastics profile shapes		326121-0	12/82	173.3	174.4	174.3	-1.5	-0.1
Secondary products and miscellaneous receipts		326121-SM						
Secondary products		326121-S	06/93	182.6	181.9	181.9	-0.4	0.0
Plastics pipe and pipe fitting manufacturing	326122		06/93	238.3	245.2	247.7	-4.4	1.0
Primary products		326122-P	12/82	227.6	234.5	237.0	-4.6	1.1
Plastics pipe		326122-1	12/82	226.0	234.5	237.6	-5.5	1.3
Plastics drain, waste and vent pipe		326122-11	06/87	134.7	143.4	149.0	-8.4	3.9
Plastics water pipe		326122-13	06/87	160.6	165.0	170.5	-8.8	3.3
Plastics industrial and mining pipe (incl. chemical processing, food processing)		326122-15	06/93	457.7	474.2	466.5	-4.3	-1.6
All other plastics pipe (incl. oil, gas, sewer, stormdrain, water main, and other)		326122-16Z	12/11	139.7	143.0	141.8	-0.9	-0.8
Plastics pipe fittings and unions		326122-3	12/03	197.0	197.0	197.0	-0.5	0.0
Secondary products and miscellaneous receipts		326122-SM						
Laminated plastics plate, sheet, and shape mfg.	32613		12/03	128.5	128.4	128.3	-0.1	-0.1
Laminated plastics plate, sheet (except packaging), and shape manufacturing	326130		06/93	159.8	159.7	159.6	-0.1	-0.1
Primary products		326130-P	12/82	207.9	207.9	207.7	-0.1	-0.1
Thermosetting plastics laminates (excluding flexible packaging)		326130-0	12/82	207.9	207.9	207.7	-0.1	-0.1
Secondary products and miscellaneous receipts		326130-SM						
Polystyrene foam product mfg.	32614		12/03	152.9	152.8	152.9	-0.6	0.1
Polystyrene foam product manufacturing	326140		12/03	152.9	152.9	152.9	-0.6	0.0
Primary products		326140-P	12/03	154.2	154.2	154.2	-0.8	0.0
Packaging, polystyrene foam products		326140-2	12/03	165.4	165.4	165.5	-0.6	0.1
Polystyrene foam food containers		326140-21	06/06	154.2	154.2	–	–	–
Polystyrene foam protective shipping pads, shaped cushioning, etc.		326140-22	06/06	125.6	125.6	125.7	-1.9	0.1
Building and construction polystyrene foam products		326140-3	12/03	127.1	127.1	127.1	-1.9	0.0
Consumer and institutional polystyrene foam products		326140-5	12/82	200.4	–	200.4	0.0	–
All other polystyrene foam products incl. transportation application uses		326140-9	06/06	117.9	117.9	117.9	-2.2	0.0
Secondary products and miscellaneous receipts		326140-SM						
Secondary products		326140-S	05/04	155.0	154.4	154.8	-0.1	0.3
Foam product (ex polystyrene) mfg.	32615		12/03	157.4	157.3	157.2	-0.5	-0.1
Urethane and other foam product mfg.	326150		12/03	157.4	157.3	157.2	-0.5	-0.1
Primary products		326150-P	12/03	153.8	153.7	153.6	-0.5	-0.1
Transportation polyurethane foam products		326150-1	12/82	168.6	168.6	168.6	-0.9	0.0
Packaging polyurethane foam products		326150-2	12/03	228.3	226.8	225.3	-3.1	-0.7
Furniture and furnishings polyurethane foam products		326150-4	12/82	240.4	240.4	240.4	-4.3	0.0
Polyurethane foam formed & slab stock for pillows/seating/etc.		326150-41	12/05	140.9	140.9	140.9	-3.6	0.0
Other polyurethane foam furniture and furnishings products		326150-42	12/05	91.8	91.8	91.8	-4.9	0.0
All other miscellaneous polyurethane foam products		326150-6	12/03	101.0	101.0	101.0	0.0	0.0
Products made of foam other than polystyrene or polyurethane		326150-9	12/99	127.6	127.6	127.6	0.5	0.0
Secondary products and miscellaneous receipts		326150-SM						
Secondary products		326150-S	12/03	175.9	176.0	176.0	-4.7	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Plastics bottle mfg.	32616		12/03	117.5	119.1	113.7	-6.9	-4.5
Plastics bottle manufacturing	326160		06/93	132.5	134.2	128.2	-6.8	-4.5
Primary products		326160-P	12/82	149.1	151.4	143.9	-7.0	-5.0
Plastics bottles		326160-0	06/87	142.0	144.3	137.2	-7.0	-4.9
Secondary products and miscellaneous receipts		326160-SM						
Other plastics product mfg.	32619		12/03	136.4	136.6	136.7	-0.1	0.1
Plastics plumbing fixture manufacturing	326191		06/93	147.3	147.3	147.3	0.3	0.0
Primary products		326191-P	06/93	148.8	148.8	148.8	0.4	0.0
Plastics plumbing fixtures		326191-0	06/93	148.8	148.8	148.8	0.4	0.0
Secondary products and miscellaneous receipts		326191-SM						
All other plastics product manufacturing	326199		06/93	151.0	151.2	151.3	-0.1	0.1
Primary products		326199-P	06/87	177.6	177.9	178.0	-0.2	0.1
All other reinforced and fiberglass plastics products		326199-A	06/93	183.1	182.8	181.5	-0.6	-0.7
Transportation equipment fabricated plastic parts (exc. foam and reinforced plastics)		326199-1	06/93	115.4	115.1	115.1	-0.9	0.0
Electrical & electronic fabricated plastics (excl. foam, etc.)		326199-2	12/82	135.1	132.5	132.5	0.4	0.0
Plastics packaging (excl. film and sheet, foam, and bottles)		326199-4	06/93	154.4	157.3	158.7	1.4	0.9
Consumer/institutional/commercial fabricated plastics products		326199-6Y	06/93	152.8	152.8	152.7	-1.2	-0.1
Building & construction fabricated plastics products (excl foam, plumbing fixtures, hardware)		326199-8	12/03	127.6	127.9	127.9	0.6	0.0
Secondary products and miscellaneous receipts		326199-SM						
Miscellaneous receipts		326199-M	12/99	143.1	143.1	143.1	-0.8	0.0
Secondary products		326199-S	06/93	145.2	144.9	145.4	2.6	0.3
Rubber product mfg.	3262		12/03	145.9	145.9	145.9	-0.7	0.0
Tire mfg.	32621		06/81	162.6	162.6	162.5	-1.8	-0.1
Tire manufacturing, except retreading	326211		06/81	162.6	162.6	162.5	-1.8	-0.1
Primary products		326211-P	06/81	152.4	152.4	151.7	-2.4	-0.5
Solid and semi-pneumatic tires		326211-D	12/03	145.8	145.8	145.8	–	0.0
Tread rubber, tire sundries, and repair materials		326211-H	06/81	222.5	222.5	222.5	0.0	0.0
Pneumatic tires (including passenger, truck, bus, tractor, industrial, and other tires)		326211-0	12/11	91.8	91.8	91.4	-2.6	-0.4
Passenger car pneumatic tires (casings)		326211-01	06/81	140.2	140.2	140.2	-2.3	0.0
Truck and bus (including off-the-highway) pneumatic tires		326211-03	06/81	143.8	143.8	143.8	-2.0	0.0
Secondary products and miscellaneous receipts		326211-SM						
Miscellaneous receipts		326211-M	12/03	221.6	221.6	230.9	–	4.2
Rubber and plastics hose and belting	32622		12/03	157.3	158.0	158.0	1.0	0.0
Rubber and plastics hose and belting mfg.	326220		12/81	251.5	252.7	252.6	1.0	0.0
Primary products		326220-P	12/81	252.7	254.0	253.9	1.0	0.0
Rubber and plastics belt and belting mfg.		326220-D	12/11	106.3	107.2	107.1	-0.4	-0.1
Rubber and plastics hose mfg.		326220-H	12/11	106.5	106.7	106.7	2.3	0.0
Hose for on/off-highway motor vehicles (rubber/other materials)		326220-H3	12/04	128.2	128.2	128.2	6.0	0.0
Industrial rubber and plastics hose without fittings		326220-H4	12/04	146.9	146.9	146.9	-0.3	0.0
Rubber and plastics water hose (incl. fire, irrigation, etc.)		326220-H5	12/04	162.7	164.9	164.9	1.4	0.0
Rubber and plastics inner tube type air hose		326220-H7	12/04	217.4	218.6	218.6	0.6	0.0
All other pneumatic and hydraulic hose, without fittings		326220-H8	12/04	159.9	159.9	159.9	0.2	0.0
Secondary products and miscellaneous receipts		326220-SM						
Secondary products		326220-S	12/81	271.9	271.7	271.6	-6.0	0.0
Other rubber product mfg.	32629		12/88	163.5	163.3	163.3	0.0	0.0
Rubber product mfg. for mechanical use	326291		12/88	135.3	135.0	135.2	0.4	0.1
Primary products		326291-P	12/88	131.0	130.9	130.9	-0.9	0.0
Extruded rubber mechanical goods, excluding tubing		326291-A	12/11	103.3	103.3	–	–	–
Molded rubber mechanical goods automotive		326291-1	06/83	105.3	105.2	105.2	-1.5	0.0
Molded rubber mechanical goods, transportation/off-highway		326291-2	12/03	125.9	125.9	125.9	-1.2	0.0
Other molded rubber mechanical goods (excluding tubing)		326291-9	12/03	131.7	131.7	131.7	0.0	0.0
Secondary products and miscellaneous receipts		326291-SM						
Secondary products		326291-S	06/83	212.0	206.9	212.0	19.6	2.5
All other rubber product manufacturing	326299		06/83	208.5	208.4	208.1	-0.4	-0.1
Primary products		326299-P	06/83	210.4	210.2	210.1	-0.3	0.0
Rubber druggist and medical sundries, excl. household gloves		326299-A	12/03	136.8	136.8	136.8	1.3	0.0
All other miscellaneous rubber goods		326299-B	06/83	192.6	192.3	192.3	0.3	0.0
Rubber floor and wall coverings		326299-3	06/83	172.3	172.3	172.1	0.1	-0.1
Rubber compounds or mixtures for sale or interplant transfer		326299-6	06/83	218.6	217.9	217.9	-1.4	0.0
All other industrial rubber products		326299-7	06/83	255.7	256.0	256.0	0.3	0.0
Secondary products and miscellaneous receipts		326299-SM						
Miscellaneous receipts		326299-M	06/83	242.7	242.7	239.2	-1.4	-1.4

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
All other rubber product manufacturing - Continued								
Secondary products		326299-S	06/83	172.2	172.3	172.3	0.3	0.0
Nonmetallic mineral product manufacturing	327		12/84	200.9	202.0	202.4	2.6	0.2
Clay product and refractory manufacturing	3271		12/03	131.3	131.6	131.4	0.7	-0.2
Pottery, ceramics, and plumbing fixture mfg.	32711		12/84	194.0	194.8	195.1	0.8	0.2
Pottery, ceramics, and plumbing fixture manufacturing	327110		12/11	106.6	107.0	107.2	0.8	0.2
Primary products		327110-P	12/11	107.8	108.0	108.1	0.8	0.1
Vitreous china, fine earthenware, and other pottery products		327110-2	12/03	129.0	128.9	129.4	1.2	0.4
Vitreous china, porcelain, and earthenware		327110-21	12/06	116.5	116.5	116.5	0.7	0.0
All other pottery products (including china decorated for the trade)		327110-25	12/06	123.5	123.5	124.2	1.5	0.6
Porcelain electrical products and components		327110-3	12/85	205.9	207.1	207.2	0.4	0.0
Secondary products and miscellaneous receipts		327110-SM						
Miscellaneous receipts		327110-M	12/11	113.0	113.0	113.0	0.0	0.0
Secondary products		327110-S	12/11	94.8	96.8	97.1	1.1	0.3
Clay building material and refractories mfg.	32712		12/03	134.4	134.7	134.4	0.7	-0.2
Clay building material and refractories manufacturing	327120		12/11	106.0	106.2	106.0	0.7	-0.2
Primary products		327120-P	12/11	106.3	106.5	106.2	0.6	-0.3
Brick and structural clay tile		327120-1	12/84	191.3	191.9	191.0	-0.5	-0.5
Face brick and building brick		327120-11	12/84	189.7	190.2	189.2	-0.6	-0.5
Glazed brick and other brick (paving, floor and sewer)		327120-12	12/04	141.6	143.5	143.1	1.6	-0.3
Clay floor and wall tile, glazed and unglazed		327120-2	06/85	105.0	105.2	105.2	2.4	0.0
Other structural clay products		327120-3	12/85	231.3	231.3	231.4	3.3	0.0
All other structural clay products, except clay refractories, n.e.c.		327120-34	12/85	216.9	216.9	217.1	3.9	0.1
Clay refractories		327120-4	12/04	164.0	165.0	164.6	1.0	-0.2
Nonclay refractories		327120-5	12/04	143.4	142.8	142.6	-0.1	-0.1
Secondary products and miscellaneous receipts		327120-SM						
Miscellaneous receipts		327120-M	12/11	101.8	102.4	102.3	2.1	-0.1
Glass and glass product manufacturing	3272		12/03	124.0	124.8	124.9	2.6	0.1
Glass and glass product manufacturing	32721		12/03	124.0	124.8	124.9	2.6	0.1
Flat glass manufacturing	327211		12/80	100.8	102.9	103.5	7.6	0.6
Primary products		327211-P	12/80	100.5	102.7	103.3	7.8	0.6
Flat glass (float, sheet, and plate), made by flat glass producers		327211-1	12/80	102.9	104.0	104.8	8.0	0.8
Other glass (including laminated, glazed, and opalescent)		327211-4	12/06	121.4	127.6	127.4	7.1	-0.2
Secondary products and miscellaneous receipts		327211-SM						
Other pressed and blown glass and glassware	327212		06/83	139.6	139.7	139.7	0.7	0.0
Primary products		327212-P	06/83	138.2	138.3	138.3	0.7	0.0
Glass fiber and machine-made pressed and blown glass and glassware		327212-B	06/12	104.1	104.2	104.2	0.8	0.0
Handmade pressed and blown glass and glassware		327212-9	12/04	124.6	124.6	124.6	0.7	0.0
Secondary products and miscellaneous receipts		327212-SM						
Glass container manufacturing	327213		06/82	194.4	194.8	194.8	0.2	0.0
Primary products		327213-P	06/82	196.2	196.7	196.7	0.3	0.0
Glass containers (including value of packaging)		327213-0	12/03	141.1	141.5	141.5	0.4	0.0
Secondary products and miscellaneous receipts		327213-SM1						
Glass product mfg. made of purchased glass	327215		06/83	168.2	169.2	169.1	3.0	-0.1
Primary products		327215-P	06/83	163.4	164.4	164.4	3.3	0.0
Other glass products, made from purchased glass		327215-B	06/83	156.7	158.1	158.0	3.6	-0.1
Machine-made pressed and blown glassware		327215-C	06/13	107.0	107.1	107.2	1.2	0.1
Mirrors (decorated and undecorated), made from purchased glass		327215-9	06/83	166.6	166.6	166.6	3.6	0.0
Secondary products and miscellaneous receipts		327215-SM						
Cement and concrete product manufacturing	3273		12/03	157.4	158.4	159.2	3.6	0.5
Cement manufacturing	32731		06/82	229.6	233.9	234.4	4.7	0.2
Cement manufacturing	327310		06/82	229.6	233.9	234.4	4.7	0.2
Primary products		327310-P	06/82	225.4	230.7	231.2	5.4	0.2
Cement, hydraulic (including cost of shipping containers)		327310-0	06/89	222.9	228.0	228.6	5.4	0.3
Secondary products and miscellaneous receipts		327310-SM						
Ready-mix concrete manufacturing	32732		12/03	163.7	165.2	166.6	4.1	0.8
Ready-mix concrete manufacturing	327320		06/81	253.7	256.1	258.3	4.1	0.9
Primary products		327320-P	06/81	251.3	253.6	255.9	4.3	0.9
Northeast region ready-mix concrete		327320-A	12/12	109.5	108.2	109.1	3.2	0.8
Midwest region ready-mix concrete		327320-B	12/12	113.8	114.1	115.1	4.3	0.9
South region ready-mix concrete		327320-C	12/12	118.9	120.3	120.3	4.0	0.0
West region ready-mix concrete		327320-D	12/12	108.1	110.4	113.4	5.3	2.7
Secondary products and miscellaneous receipts		327320-SM						

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Ready-mix concrete manufacturing - Continued								
Miscellaneous receipts		327320-M	06/81	250.7	254.9	254.9	1.7	0.0
Secondary products		327320-S	06/81	301.3	304.7	304.6	2.5	0.0
Concrete pipe, brick, and block manufacturing	32733		12/03	141.0	141.7	141.5	1.6	-0.1
Concrete block and brick manufacturing	327331		06/81	236.8	237.6	237.2	1.9	-0.2
Primary products		327331-P	06/81	249.6	250.4	249.8	2.0	-0.2
Concrete block and brick		327331-0	12/06	118.4	118.7	118.5	2.0	-0.2
Structural concrete block, lightweight units (weighing less than 105 lb/cubic ft.) (dry weight)		327331-01	06/81	224.9	226.3	225.1	2.6	-0.5
Structural concrete block, mediumweight units (weighing 105 - 124 lb/cubic ft.) (dry weight)		327331-02	06/81	286.6	287.0	285.9	5.0	-0.4
Structural concrete block, normalweight units (weighing 125 lb or more/cubic ft.) (dry weight)		327331-03	06/81	272.4	274.1	272.8	1.0	-0.5
Decorative concrete block (such as screen, split, and slump block, etc.)		327331-04	06/81	229.5	229.8	230.4	1.9	0.3
Concrete pavers (including grid, interlocking, etc.)		327331-05	06/81	246.9	246.4	246.5	0.7	0.0
Concrete brick		327331-06	06/81	215.0	215.7	215.7	3.5	0.0
Secondary products and miscellaneous receipts		327331-SM						
Miscellaneous receipts		327331-M	06/81	–	196.0	196.0	1.9	0.0
Secondary products		327331-S	06/81	204.8	205.7	205.7	0.9	0.0
Concrete pipe manufacturing	327332		12/03	144.1	145.0	144.9	0.8	-0.1
Primary products		327332-P	12/03	142.9	143.5	143.4	0.6	-0.1
Concrete pipe		327332-0	12/03	142.9	143.5	143.4	0.6	-0.1
Concrete culvert pipe		327332-01	12/99	161.2	162.3	162.5	-1.2	0.1
Concrete storm sewer pipe		327332-02	12/99	181.7	183.7	183.0	3.0	-0.4
Concrete pipe, except concrete culvert and storm sewer pipe		327332-03	06/94	189.5	189.0	189.0	0.7	0.0
Secondary products and miscellaneous receipts		327332-SM						
Other concrete product manufacturing	32739		12/03	153.8	153.5	153.7	3.6	0.1
Other concrete product manufacturing	327390		12/03	153.8	153.5	153.7	3.6	0.1
Primary products		327390-P	12/03	152.9	152.6	152.7	3.7	0.1
Precast concrete products		327390-1	12/79	281.5	282.2	282.3	1.9	0.0
Precast concrete slabs and tile, roof and floor units		327390-11	07/85	265.1	–	265.4	3.9	–
Precast concrete architectural wall panels		327390-12	11/84	218.7	219.2	219.9	1.0	0.3
Burial vaults and boxes, precast concrete		327390-13	12/79	324.8	324.8	324.8	2.2	0.0
Precast concrete products, except burial vaults and boxes, slabs, and arch. wall panels		327390-14	12/79	266.4	267.3	267.3	1.2	0.0
Prestressed concrete products		327390-4	12/79	261.5	256.2	257.1	12.2	0.4
Prestressed concrete bridge beams and solid and hollow cored slabs and panels		327390-4T	06/07	137.3	124.3	123.9	19.8	-0.3
Secondary products and miscellaneous receipts		327390-SM						
Miscellaneous receipts		327390-M	12/79	440.6	440.6	440.6	1.4	0.0
Lime and gypsum product manufacturing	3274		12/03	155.7	158.0	157.7	1.2	-0.2
Lime manufacturing	32741		12/03	184.0	183.8	183.9	-1.6	0.1
Lime manufacturing	327410		12/85	236.6	236.3	236.4	-1.5	0.0
Primary products		327410-P	12/85	245.2	245.1	245.8	-1.6	0.3
Lime		327410-0	12/04	178.6	178.5	179.0	-1.6	0.3
Secondary products and miscellaneous receipts		327410-SM						
Gypsum product manufacturing	32742		12/03	153.0	156.1	155.8	2.2	-0.2
Gypsum product manufacturing	327420		06/81	250.1	255.3	254.6	2.2	-0.3
Primary products		327420-P	06/81	264.7	269.1	269.2	2.6	0.0
Gypsum building materials		327420-1	12/93	219.2	224.3	225.4	1.4	0.5
Secondary products and miscellaneous receipts		327420-SM						
Other nonmetallic mineral products	3279		12/84	195.6	195.5	195.4	1.5	-0.1
Abrasive product manufacturing	32791		12/03	131.4	132.2	132.0	2.0	-0.2
Abrasive product manufacturing	327910		12/80	219.2	220.5	220.3	2.1	-0.1
Primary products		327910-P	12/80	227.0	228.6	228.2	2.4	-0.2
Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives		327910-A	12/80	159.8	175.5	172.1	15.7	-1.9
Nonmetallic sized grains, powders, and flour abrasives		327910-1	06/87	171.6	172.5	172.5	0.5	0.0
Nonmetallic abrasive products (including diamond abrasives)		327910-4	12/80	216.3	216.8	216.8	0.6	0.0
Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps		327910-7	12/80	283.9	282.9	283.0	2.3	0.0
Secondary products and miscellaneous receipts		327910-SM						
Miscellaneous receipts		327910-M	12/80	285.6	285.7	285.7	0.0	0.0
All other nonmetallic mineral product mfg	32799		12/03	151.1	150.7	150.7	1.3	0.0
Cut stone and stone product manufacturing	327991		12/84	168.4	167.9	168.2	2.7	0.2

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Cut stone and stone product manufacturing - Continued								
Primary products		327991-P	12/84	163.0	162.5	162.8	2.7	0.2
Dressed dimension granite (including gneiss, syenite, diorite, and cut granite)		327991-1	12/84	154.2	153.1	153.3	4.4	0.1
Dressed dimension limestone (including dolomite, travertine, calcareous, and tufa)		327991-4	12/84	165.5	165.9	165.9	-2.5	0.0
Dressed dimension marble and other stone		327991-7	12/84	170.9	171.5	172.3	1.2	0.5
Secondary products and miscellaneous receipts		327991-SM						
Secondary products		327991-S	12/84	192.6	192.6	192.6	1.6	0.0
Ground or treated minerals and earths mfg.	327992		06/85	259.3	260.6	261.5	0.3	0.3
Primary products		327992-P	06/85	252.0	253.6	254.4	0.4	0.3
Minerals and earths, ground or treated		327992-0	06/85	252.0	253.6	254.4	0.4	0.3
Treated lightweight aggregate and crushed slag, minerals and earths		327992-04	12/14	105.7	109.8	109.5	3.3	-0.3
Other minerals and earths, treated		327992-06	12/14	98.0	96.9	97.6	-1.8	0.7
Secondary products and miscellaneous receipts		327992-SM						
Mineral wool manufacturing	327993		12/81	207.5	204.1	203.5	0.7	-0.3
Primary products		327993-P	12/81	207.6	204.1	203.4	0.7	-0.3
Mineral wool for thermal and acoustical envelope insulation		327993-1	12/81	211.1	206.0	205.7	1.4	-0.1
Mineral wool for industrial, equipment, and appliance insulation		327993-4	12/81	181.6	181.7	180.4	-0.8	-0.7
Secondary products and miscellaneous receipts		327993-SM						
Miscellaneous nonmetallic mineral products	327999		12/03	144.9	147.8	147.9	1.9	0.1
Primary products		327999-P	12/03	143.7	146.5	146.5	2.0	0.0
Nonmetallic mineral products, n.e.c.		327999-0	12/03	143.7	146.5	146.5	2.0	0.0
Dry-mixed concrete materials incl. sand, gravel, mortar and cement premixes		327999-02	06/06	125.2	128.7	128.7	2.8	0.0
Other nonmetallic mineral products		327999-03	06/06	113.2	112.8	112.9	-0.1	0.1
Secondary products and miscellaneous receipts		327999-SM						
Secondary products		327999-S1	12/14	98.1	100.7	100.9	0.7	0.2
Primary metal mfg.	331		12/84	169.6	175.4	179.1	-2.3	2.1
Iron & steel mills & ferroalloy mfg.	3311		12/03	129.3	140.9	146.2	-1.3	3.8
Iron & steel mills & ferroalloy mfg.	33111		12/03	129.3	140.9	146.2	-1.3	3.8
Iron and steel mills	331110		06/82	138.7	151.1	156.8	-1.4	3.8
Primary products		331110-P	06/82	139.6	152.3	157.9	-1.1	3.7
Cold finished steel bars		331110-F	06/82	167.3	177.9	–	–	–
Steel ingots and semifinished products		331110-3	06/82	213.1	223.4	235.7	-0.4	5.5
Wire rod, carbon		331110-32	12/10	83.8	86.0	86.0	-9.9	0.0
Steel ingots and semifinished products, alloy		331110-34	12/10	75.3	75.9	75.7	-3.3	-0.3
Hot rolled steel sheet and strip, including tin mill products		331110-5	06/82	94.3	107.8	112.0	1.8	3.9
Hot rolled steel bars, plates, and structural shapes		331110-7	06/82	157.9	165.1	165.0	-11.4	-0.1
Hot rolled steel bars, carbon		331110-72	12/10	79.2	84.3	84.0	-11.9	-0.4
Hot rolled steel plates, carbon		331110-73	12/10	84.0	–	–	–	–
Hot rolled steel bars, plates, and structural shapes, alloy		331110-76	12/10	83.8	91.6	90.7	-7.9	-1.0
Hot rolled steel bars, plates, and structural shapes, stainless		331110-77	12/10	71.1	71.7	–	–	–
Secondary products and miscellaneous receipts		331110-SM						
Miscellaneous receipts		331110-M	12/11	68.3	70.0	–	–	–
Steel product mfg from purchased steel	3312		12/03	154.0	158.7	163.3	0.4	2.9
Iron & steel pipe and tube mfg from purchased steel	33121		12/03	167.7	171.6	182.4	0.9	6.3
Iron, steel pipe and tube from purchased steel	331210		06/82	239.7	245.3	260.7	0.9	6.3
Primary products		331210-P	06/82	247.4	250.3	266.0	0.3	6.3
Iron and steel pipes and tubes, purchased iron and steel		331210-0	06/82	247.4	250.3	266.0	0.3	6.3
OCTG, standard, line pipe, carbon		331210-01	12/10	80.7	–	86.6	-4.2	–
Pressure, mechanical, structural pipe and tube, carbon		331210-02	12/10	90.7	96.0	105.7	11.1	10.1
Pipe and tube, alloy		331210-03	12/10	96.2	87.2	88.9	-7.3	1.9
Pipe and tube, stainless		331210-04	12/10	83.3	71.9	75.1	-18.0	4.5
Secondary products and miscellaneous receipts		331210-SM1						
Rolling & drawing of purchased steel	33122		12/03	143.9	149.0	149.7	0.0	0.5
Rolled steel shape mfg.	331221		06/82	167.6	178.3	180.8	2.4	1.4
Primary products		331221-P	06/82	154.3	164.0	166.5	2.3	1.5
Cold rolled steel sheet and strip, made from purchased steel		331221-1	06/82	153.1	165.4	169.6	0.7	2.5
Cold rolled sheets and strip, carbon steel		331221-12	12/10	90.4	98.4	101.5	2.1	3.2
Cold rolled sheets and strip, stainless steel		331221-14	12/10	74.8	77.7	–	–	–
Cold finished steel bars and bar shapes, purchased steel		331221-3	06/82	167.7	173.8	172.9	7.0	-0.5
Cold finished steel bars and bar shapes, carbon steel		331221-32	12/10	109.9	113.6	113.5	4.4	-0.1
Cold finished steel bars and bar shapes, alloy steel		331221-33	12/10	122.4	128.8	126.6	19.1	-1.7
Secondary products and miscellaneous receipts		331221-SM						
Steel wire drawing	331222		06/82	183.4	183.6	182.3	-2.9	-0.7

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Steel wire drawing - Continued								
Primary products		331222-P	06/82	184.0	184.3	182.8	-3.2	-0.8
Steel wire, including galvanized and other coated wire		331222-5	06/82	159.3	160.0	157.7	-5.2	-1.4
Carbon steel wire		331222-5A	06/82	167.7	169.5	166.7	-4.5	-1.7
Secondary products and miscellaneous receipts		331222-SM						
Alumina & aluminum production & processing	3313		12/03	111.7	112.7	112.8	-3.8	0.1
Alumina & aluminum production & processing	33131		12/03	111.8	112.7	112.8	-3.9	0.1
Alumina refining and primary aluminum production	331313		06/80	100.9	107.0	108.0	-6.8	0.9
Primary products		331313-P	06/80	103.5	109.8	110.8	-6.8	0.9
Aluminum oxide, except natural alumina		331313-1	12/82	155.3	171.0	158.9	-17.6	-7.1
Secondary smelting and alloying of aluminum	331314		12/03	111.9	110.9	109.7	-9.9	-1.1
Primary products		331314-P	06/80	122.7	121.8	120.5	-9.7	-1.1
Aluminum ingot, including billet, made by secondary smelters		331314-2	12/03	111.5	110.5	109.1	-8.9	-1.3
Secondary products and miscellaneous receipts		331314-SM						
Aluminum sheet, plate, and foil mfg	331315		06/81	165.5	166.8	166.9	-2.6	0.1
Primary products		331315-P	06/81	169.1	170.5	170.6	-2.7	0.1
Aluminum sheet, plate, and foil		331315-0	06/81	169.1	170.5	170.6	-2.7	0.1
Secondary products and miscellaneous receipts		331315-SM1						
Other aluminum rolling, drawing, and extruding	331318		12/81	167.3	167.7	168.5	-2.0	0.5
Primary products		331318-P	12/81	171.8	172.2	173.0	-1.9	0.5
Aluminum extruded products		331318-6	12/81	168.6	169.1	170.0	-2.0	0.5
Extruded aluminum rod, bar, and other extruded shapes		331318-61	12/81	174.5	175.0	176.0	-2.0	0.6
Extruded and drawn aluminum tube		331318-63	12/94	98.6	98.9	99.2	-2.3	0.3
Secondary products and miscellaneous receipts		331318-SM						
Secondary products		331318-S	12/11	108.5	108.5	108.5	0.6	0.0
Nonferrous (exc alum) production & processing	3314		12/03	179.7	177.6	181.4	-5.7	2.1
Nonferrous metal (except aluminum) smelting and refining	33141		12/03	191.6	187.3	191.8	-0.8	2.4
Nonferrous metal (except aluminum) smelting and refining	331410		12/09	77.7	75.9	78.4	1.6	3.3
Primary products		331410-P	12/09	83.3	81.3	85.1	4.7	4.7
Primary smelting and refining of copper		331410-1	06/80	239.9	227.5	235.3	-5.5	3.4
Secondary products and miscellaneous receipts		331410-SM1						
Copper rolling/drawing/extruding & alloying	33142		12/03	189.9	183.3	188.5	-9.8	2.8
Copper rolling, drawing, extruding, and alloying	331420		12/11	75.1	72.5	74.5	-9.8	2.8
Primary products		331420-P	12/11	74.3	71.7	73.8	-10.1	2.9
Copper rolling, drawing, and extruding		331420-1	12/80	276.7	267.9	278.3	-8.8	3.9
Copper and copper-base alloy rod, bar, and shapes		331420-13	12/80	312.3	304.1	310.4	-11.1	2.1
Copper and copper-base alloy sheet, strip, and plate		331420-17	12/80	286.2	272.9	280.6	-7.6	2.8
Copper and copper-base alloy pipe and tube		331420-19	12/80	241.0	234.6	256.2	-4.2	9.2
Copper wire and cable (except mechanical) drawing		331420-2	12/03	182.5	172.9	175.0	-13.8	1.2
Secondary processing of copper		331420-3	12/03	253.3	256.1	261.8	-3.8	2.2
Secondary products and miscellaneous receipts		331420-SM						
Other nonferrous roll/draw/extruding/alloying	33149		12/03	168.0	171.5	173.5	-2.0	1.2
Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	331491		12/03	161.1	161.6	158.9	-3.8	-1.7
Primary products		331491-P	12/03	139.2	139.7	137.0	-5.2	-1.9
All other nonferrous metal mill shapes		331491-D	06/82	208.7	216.2	–	–	–
Nickel and nickel-base alloy mill shapes		331491-2	06/82	184.3	183.3	–	–	–
Titanium and titanium-base alloy mill shapes		331491-3	06/82	157.3	156.8	148.2	-5.1	-5.5
Secondary products and miscellaneous receipts		331491-SM						
Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	331492		12/03	176.1	183.1	190.2	-0.1	3.9
Primary products		331492-P	12/03	179.4	186.5	194.2	1.0	4.1
All other miscellaneous secondary nonferrous metals, including secondary lead		331492-B	06/11	79.7	77.4	79.9	-1.6	3.2
Nonferrous metal powders, paste, and flakes (excluding aluminum and copper)		331492-1	06/85	174.4	178.9	180.6	-9.3	1.0
Secondary precious metals and precious metal alloys		331492-9	06/80	148.8	158.2	169.4	16.3	7.1
Secondary products and miscellaneous receipts		331492-SM						
Secondary products		331492-S	12/03	227.7	231.9	236.7	-3.0	2.1
Foundries	3315		12/03	148.8	148.2	148.4	-1.1	0.1
Ferrous metal foundries	33151		12/84	212.4	211.6	212.1	-0.2	0.2
Iron foundries	331511		12/80	249.0	247.0	247.5	-0.4	0.2
Primary products		331511-P	12/80	247.4	245.0	245.5	-0.5	0.2
Standard and pearlitic malleable iron castings		331511-T	06/12	104.6	104.6	104.6	1.8	0.0
Ductile iron pressure pipe and fittings		331511-1	12/80	322.2	315.2	316.6	2.3	0.4
Other ductile iron castings		331511-3	06/86	172.6	174.0	174.3	-0.7	0.2

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Iron foundries - Continued								
Other ductile iron castings for automotive uses		331511-31	06/12	97.6	–	–	–	–
Other ductile iron castings for all other uses		331511-32	06/12	100.7	100.9	101.2	-0.7	0.3
Cast iron pressure pipe and fittings		331511-5Y	06/12	113.8	113.9	113.9	0.1	0.0
Cast iron soil pipe and fittings, all sizes		331511-7	12/03	220.5	220.5	220.5	0.0	0.0
Other gray iron castings		331511-9	12/03	155.5	155.7	156.0	-0.3	0.2
Secondary products and miscellaneous receipts		331511-SM						
Secondary products		331511-S	12/03	175.7	178.9	179.0	1.5	0.1
Steel investment foundries	331512		06/81	250.5	250.9	251.1	-0.1	0.1
Primary products		331512-P	06/81	236.4	236.3	236.5	-1.1	0.1
Steel investment castings		331512-0	06/81	236.4	236.3	236.5	-1.1	0.1
Secondary products and miscellaneous receipts		331512-SM						
Secondary products		331512-S	06/81	448.2	456.9	456.9	9.2	0.0
Steel foundries, except investment	331513		06/81	215.0	216.2	217.0	0.1	0.4
Primary products		331513-P	12/03	156.6	157.3	158.1	0.1	0.5
Carbon steel castings, except investment		331513-1	06/81	245.2	245.8	249.4	1.3	1.5
High alloy steel castings, except investment		331513-3	06/81	210.4	215.3	215.3	-0.1	0.0
Other alloy steel castings, except investment		331513-5	12/03	152.9	152.9	152.9	-0.6	0.0
Secondary products and miscellaneous receipts		331513-SM						
Nonferrous metal foundries	33152		12/84	185.7	184.9	184.9	-2.5	0.0
Nonferrous metal die-casting foundries	331523		12/11	95.2	95.2	94.9	-2.9	-0.3
Primary products		331523-P	12/11	95.2	95.1	94.8	-3.1	-0.3
Aluminum and aluminum-base alloy die-castings		331523-1	06/83	153.9	153.6	152.8	-3.7	-0.5
Nonferrous (except aluminum) die-castings		331523-2	06/91	182.5	182.6	183.8	-0.4	0.7
Secondary products and miscellaneous receipts		331523-SM						
Secondary products		331523-S	12/11	98.0	98.4	98.4	-1.1	0.0
Aluminum foundries, except die-casting	331524		06/91	160.8	159.9	159.9	-1.8	0.0
Primary products		331524-P	06/91	156.4	155.5	155.5	-2.1	0.0
Aluminum foundries		331524-0	06/91	156.4	155.5	155.5	-2.1	0.0
Aluminum and aluminum-base alloy sand castings		331524-01	06/83	217.7	217.9	217.8	-2.1	0.0
Aluminum and aluminum-base alloy permanent and semipermanent mold castings (exc cast aluminum)		331524-02	06/83	160.6	159.4	159.3	-2.1	-0.1
Secondary products and miscellaneous receipts		331524-SM						
Other nonferrous metal foundries (except die-casting)	331529		12/11	95.4	94.3	95.0	-2.7	0.7
Primary products		331529-P	12/11	95.7	94.5	95.0	-2.8	0.5
Copper products (except die-cast)		331529-5	06/83	289.2	287.1	288.9	-4.1	0.6
Other nonferrous products (except-die-cast)		331529-8	06/83	208.4	204.3	205.1	-1.1	0.4
Secondary products and miscellaneous receipts		331529-SM						
Secondary products		331529-S	12/11	109.5	109.5	109.5	0.6	0.0
Fabricated metal product mfg	332		12/84	188.0	189.1	189.7	0.2	0.3
Forging & stamping	3321		12/03	127.6	127.7	128.3	-0.5	0.5
Forging & stamping	33211		12/03	127.7	127.8	128.3	-0.5	0.4
Iron and steel forging	332111		12/83	158.1	157.7	156.8	-1.3	-0.6
Primary products		332111-P	12/83	152.9	152.4	151.4	-1.2	-0.7
Hot impression die impact, press and upset steel forgings		332111-1	12/83	163.2	163.7	162.3	-2.2	-0.9
Hot impression die impact, press and upset carbon steel forgings		332111-11	12/83	182.2	182.2	182.2	-1.3	0.0
Hot impression die impact, press and upset alloy steel forgings		332111-12	12/83	142.7	145.0	142.1	-3.7	-2.0
Open die and smith forgings, ferrous, from purchased iron and steel		332111-7Y	12/83	154.7	148.7	–	–	–
Secondary products and miscellaneous receipts		332111-SM						
Nonferrous forging	332112		12/83	150.8	149.5	149.5	-0.5	0.0
Primary products		332112-P	12/83	160.3	158.9	158.9	-0.6	0.0
Hot impression die impact, press and upset nonferrous forgings		332112-1Z	12/83	165.9	167.3	167.3	1.5	0.0
Hot impression die impact, press, and upset aluminum and aluminum alloy forgings		332112-1Z1	12/83	179.1	182.4	182.4	1.8	0.0
Hot impression die impact, press, and upset titanium and titanium alloy forgings		332112-1Z2	12/83	130.3	–	–	–	–
Other nonferrous hot impression die impact, press, and upset forgings		332112-1Z3	06/98	123.5	123.5	123.5	1.5	0.0
Secondary products and miscellaneous receipts		332112-SM						
Custom roll forming	332114		12/03	113.3	113.4	116.2	-1.0	2.5
Primary products		332114-P	12/84	134.4	134.5	138.0	-1.0	2.6
Custom roll form products		332114-0	06/90	130.5	130.6	134.0	-1.0	2.6
Secondary products and miscellaneous receipts		332114-SM						
Secondary products		332114-S	12/84	116.3	–	118.6	-2.2	–
Powder metallurgy part manufacturing	332117		12/03	119.6	119.3	119.5	-0.4	0.2
Primary products		332117-P	12/03	119.9	119.7	119.8	-0.3	0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Powder metallurgy part manufacturing - Continued								
Powder metallurgy parts		332117-0	12/91	123.0	122.8	123.0	-0.3	0.2
Secondary products and miscellaneous receipts		332117-SM						
Secondary products		332117-S	12/03	112.9	111.9	112.0	-2.2	0.1
Other metal stamping, except automotive	332119		06/84	180.1	181.0	181.1	0.4	0.1
Primary products		332119-P	12/03	143.8	143.8	144.3	1.1	0.3
Metal stamping		332119-6	12/03	143.0	143.0	143.5	1.1	0.3
Metal job stampings, except automotive		332119-61	06/84	182.5	183.2	183.8	-0.1	0.3
Recreational vehicle metal job stamping		332119-611	06/07	101.0	102.7	102.3	1.0	-0.4
Motor and generator metal job stamping		332119-612	06/07	112.2	111.9	111.9	-1.5	0.0
Other metal job stampings		332119-613	06/07	125.2	125.3	126.3	-0.1	0.8
Computer and office machine metal job stamping		332119-614	06/07	104.0	104.0	104.0	0.0	0.0
Electrical appliance metal job stamping		332119-615	06/07	107.8	107.8	107.8	0.1	0.0
Metal spinning products, excluding cooking and kitchen utensils		332119-63	06/98	248.7	248.7	248.7	-5.7	0.0
Stamped and pressed metal end products, including vitreous enameled products		332119-66	06/84	179.1	177.4	178.1	6.2	0.4
Secondary products and miscellaneous receipts		332119-SM						
Miscellaneous receipts		332119-M	12/03	61.0	74.0	67.5	-13.4	-8.8
Secondary products		332119-S	12/03	110.5	109.7	109.8	-2.7	0.1
Cutlery & handtool mfg	3322		12/03	129.0	129.4	129.4	0.9	0.0
Cutlery & handtool mfg	33221		12/03	129.0	129.4	129.4	0.9	0.0
Metal kitchen cookware, utensil, cutlery, and flatware (except precious) mfg	332215		12/11	106.9	107.5	107.3	1.3	-0.2
Primary products		332215-P	12/11	106.8	107.6	107.3	1.5	-0.3
Cutlery and flatware, except precious		332215-1	12/83	234.6	234.6	234.6	1.9	0.0
Cutlery, scissors, shears, trimmers, and snips		332215-12	12/83	214.3	214.3	214.3	3.6	0.0
Razor blades and razors, except electric		332215-13	12/83	250.6	250.6	–	–	–
Kitchen utensils, pots, and pans		332215-4	12/03	127.6	129.6	128.8	1.0	-0.6
Stamped and spun utensils, cooking and kitchen, aluminum		332215-41	06/84	183.4	188.0	186.1	1.5	-1.0
Stamped and spun utensils, cooking and kitchen, except aluminum		332215-43	06/84	221.0	221.0	221.0	0.1	0.0
Secondary products and miscellaneous receipts		332215-SM						
Saw blade, handsaw, and hand and edge tool mfg	332216		12/11	104.8	105.0	105.0	0.6	0.0
Primary products		332216-P	12/11	105.2	105.4	105.5	0.8	0.1
Hand and edge tools		332216-2	06/83	225.3	226.0	226.1	0.9	0.0
Mechanics' hand service tools		332216-22	06/83	232.0	233.3	233.3	1.5	0.0
Edge tools, hand-operated		332216-23	06/96	151.7	151.7	151.7	0.7	0.0
Dies and interchangeable cutting tools, machine/power-driven hand tools		332216-25	06/06	110.3	110.3	110.3	0.0	0.0
All other miscellaneous hand tools, except handsaws		332216-27	12/11	108.6	108.6	108.8	0.6	0.2
Precision measuring tools (inspection, quality control, etc.)		332216-29	06/83	194.3	195.2	195.2	0.5	0.0
Saw blades and handsaws		332216-3	06/83	177.4	177.4	177.4	-0.1	0.0
Secondary products and miscellaneous receipts		332216-SM						
Miscellaneous receipts		332216-M	12/11	103.9	103.9	104.0	0.4	0.1
Secondary products		332216-S	12/11	100.8	100.8	100.9	-0.1	0.1
Architectural & structural metals mfg	3323		12/03	145.3	147.7	148.4	0.5	0.5
Plate work & fabricated structural prod mfg	33231		12/03	149.5	154.3	155.6	1.1	0.8
Prefabricated metal building and component mfg	332311		12/81	281.0	297.7	300.2	4.3	0.8
Primary products		332311-P	12/81	291.2	304.8	305.9	2.3	0.4
Prefabricated metal bldg component systems (excl. farm service bldgs, resid. bldgs, and parts)		332311-1	12/81	286.3	302.4	305.6	3.2	1.1
Non-industrial prefabricated metal building systems (excl. farm svc bldgs., resid., and parts)		332311-11	06/07	–	139.5	142.3	–	2.0
Industrial & commercial prefab metal building systems (excl farm svc bldgs, residential, parts)		332311-12	06/07	139.8	147.4	148.6	2.3	0.8
Farm services buildings and other prefabricated and portable metal buildings and parts		332311-3	12/81	299.5	306.1	302.4	0.5	-1.2
Panels, parts, and sections for prefabricated buildings, steel and aluminum		332311-34	12/81	246.0	–	–	–	–
Secondary products and miscellaneous receipts		332311-SM						
Fabricated structural metal mfg	332312		12/03	139.4	142.5	144.1	-0.2	1.1
Primary products		332312-P	06/82	189.3	193.8	196.7	-0.8	1.5
Fabricated structural metal bar joists and concrete reinforcing bars		332312-1	06/82	187.2	193.9	194.7	2.0	0.4
Fabricated structural iron and steel for industrial buildings metal bar joists, short span		332312-11	06/11	96.7	104.4	105.4	6.9	1.0
Fabricated structural iron & steel for commercial, residential, institutional, & public bldgs		332312-12	06/11	108.9	111.7	112.1	0.9	0.4
Fabricated structural metal for bridges		332312-3Z	06/82	164.7	158.4	162.1	-12.1	2.3
Secondary products and miscellaneous receipts		332312-SM						
Secondary products		332312-S	06/82	245.8	253.3	249.2	0.4	-1.6

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Plate work mfg.	332313		12/03	145.6	146.8	146.6	-0.2	-0.1
Primary products		332313-P	12/03	144.4	145.8	145.6	-0.1	-0.1
Fabricated plate work (stacks and weldments)		332313-0	03/80	219.1	221.2	220.9	-0.1	-0.1
Secondary products and miscellaneous receipts		332313-SM						
Secondary products		332313-S	03/80	226.1	226.4	226.4	-1.4	0.0
Ornamental & architectural metal prod mfg.	33232		12/03	142.9	143.1	143.2	-0.2	0.1
Metal window and door mfg.	332321		06/83	224.6	224.3	224.4	-0.3	0.0
Primary products		332321-P	06/83	232.5	232.5	232.6	-0.1	0.0
Metal doors (except storm doors)		332321-1	06/83	234.4	234.6	234.8	-0.4	0.1
Metal windows (except storm sash)		332321-3Z	06/83	–	219.1	219.3	–	0.1
Metal molding and trim and store fronts		332321-5Z	06/83	–	398.9	398.9	–	0.0
Metal combination screen, storm sash, and storm doors		332321-7	06/83	–	179.5	179.5	0.2	0.0
Metal window/door screens (except combination screens) and metal weather strip		332321-9	06/83	–	224.1	224.1	–	0.0
Secondary products and miscellaneous receipts		332321-SM						
Secondary products		332321-S	06/83	195.8	197.2	196.7	-0.3	-0.3
Sheet metal work mfg.	332322		12/82	198.3	198.4	198.5	-0.3	0.1
Primary products		332322-P	12/82	200.7	200.8	200.9	-0.3	0.0
Sheet metal electronic enclosures		332322-C	06/11	102.2	102.2	102.2	1.2	0.0
Steel sheet metal computer & peripheral equipment enclosures		332322-C1	06/11	106.4	106.4	106.4	2.2	0.0
Aluminum sheet metal computer & peripheral equipment enclosures		332322-C2	06/11	94.3	94.1	94.2	-0.7	0.1
Other sheet metal electronic enclosures (excluding computers)		332322-C3	06/11	98.9	98.9	98.9	0.7	0.0
Other sheet metal work		332322-G	12/03	124.7	124.7	124.7	-0.7	0.0
Sheet metal air-conditioning ducts and stove pipe		332322-1	12/03	172.1	172.1	172.1	0.0	0.0
Sheet metal roofing and roof drainage equipment		332322-7	12/03	137.4	138.3	138.3	-1.9	0.0
Secondary products and miscellaneous receipts		332322-SM						
Secondary products		332322-S	12/03	126.0	126.0	126.0	-0.2	0.0
Ornamental and architectural metal work mfg.	332323		12/83	253.0	255.2	256.1	0.4	0.4
Primary products		332323-P	12/83	266.2	268.7	269.0	0.6	0.1
Ornamental and architectural metal work		332323-3Z	12/97	155.9	159.6	160.6	1.8	0.6
Iron, steel, and aluminum stairs, staircases, and fire escapes		332323-3Z1	12/83	192.5	193.5	195.8	-0.2	1.2
Steel and aluminum fences, gates (not wire), and railings and window guards		332323-3Z2	12/97	156.2	163.7	163.7	4.8	0.0
Open metal flooring, grating, and studs		332323-6	12/97	147.9	–	–	–	–
Other architectural and ornamental work		332323-9	12/97	170.8	170.8	170.8	0.1	0.0
Other aluminum and metal architectural and ornamental work		332323-91	12/88	166.4	–	166.5	-0.5	–
Other iron and steel architectural and ornamental work		332323-92	12/97	180.7	180.7	–	–	–
Secondary products and miscellaneous receipts		332323-SM						
Miscellaneous receipts		332323-M	12/84	152.5	152.5	155.2	-4.9	1.8
Secondary products		332323-S	12/83	172.9	174.2	178.9	3.8	2.7
Boiler, tank & shipping container mfg.	3324		12/03	141.5	141.9	142.3	-1.5	0.3
Power boiler & heat exchanger mfg.	33241		12/03	166.0	168.0	168.0	1.9	0.0
Power boiler and heat exchanger mfg.	332410		12/03	166.0	168.0	168.1	1.9	0.1
Primary products		332410-P	12/03	166.1	167.1	167.0	2.3	-0.1
Fabricated heat exchangers and steam condensers (except for nuclear applications)		332410-1	03/80	353.6	356.1	355.9	3.5	-0.1
Steel power boilers (stationary and marine), parts and attachments (exc. for nuclear app)		332410-5	03/80	244.5	244.5	244.5	-2.0	0.0
Parts and attachments for steel power boilers (sold separately) (exc. nuclear applications)		332410-52	06/11	106.9	106.9	106.9	-0.8	0.0
Secondary products and miscellaneous receipts		332410-SM						
Secondary products		332410-S	03/80	279.0	275.9	279.0	-2.2	1.1
Metal tank (heavy gauge) mfg.	33242		12/03	145.8	146.5	146.5	-0.7	0.0
Metal tank, heavy gauge, mfg.	332420		12/03	145.7	146.4	146.4	-0.7	0.0
Primary products		332420-P	12/03	145.1	145.5	145.5	-0.1	0.0
Metal tanks, complete at factory (standard line nonpressure)		332420-C	03/80	208.2	210.8	210.8	0.1	0.0
Metal tanks and vessels, custom fabricated and field erected		332420-G	03/80	194.9	195.7	195.6	-0.9	-0.1
Metal tanks, complete at factory (standard line pressure)		332420-9Z	03/80	216.5	216.9	216.9	0.2	0.0
Secondary products and miscellaneous receipts		332420-SM						
Light gauge metal container mfg.	33243		12/84	138.3	138.1	138.9	-2.9	0.6
Metal can mfg.	332431		06/81	144.8	143.4	143.5	-5.0	0.1
Primary products		332431-P	06/81	141.6	141.4	141.5	-4.5	0.1
Steel cans and tinware products		332431-1	06/81	195.9	195.7	196.0	-4.9	0.2
Aluminum cans (including lids, ends, and parts shipped separately)		332431-3	06/81	106.3	106.2	106.2	-4.2	0.0
Secondary products and miscellaneous receipts		332431-SM						
Secondary products		332431-S	06/81	178.1	179.8	179.4	-2.8	-0.2
Other metal container mfg.	332439		12/03	140.5	144.4	148.1	5.3	2.6

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Other metal container mfg - Continued								
Primary products		332439-P	12/03	143.2	147.7	152.1	6.2	3.0
Steel pails (1- to 12-gallon capacity) and fabricated steel boxes		332439-1	06/83	217.2	–	–	–	–
Steel shipping barrels & drums, exc. beer barrels (more than 12-gallon capacity)		332439-3	06/83	248.7	261.4	269.6	6.4	3.1
All other metal containers		332439-6	12/03	122.9	123.4	123.8	2.7	0.3
Secondary products and miscellaneous receipts		332439-SM						
Secondary products		332439-S	12/03	121.5	123.4	123.8	1.6	0.3
Hardware mfg.	3325		12/03	142.8	142.5	142.4	0.4	-0.1
Hardware mfg.	33251		12/03	142.8	142.5	142.4	0.4	-0.1
Hardware mfg.	332510		06/85	191.6	191.1	190.9	0.4	-0.1
Primary products		332510-P	06/85	181.6	181.9	181.2	0.4	-0.4
All other miscellaneous hardware		332510-A	06/85	–	270.3	270.3	–	0.0
Furniture hardware (excluding cabinet hardware)		332510-2	06/85	197.5	–	–	–	–
Builders' hardware, including fabricated metal safe and vault locks, & cabinet hardware		332510-4	06/85	216.4	217.1	216.5	1.5	-0.3
Motor vehicle hardware (lock units, door & window handles, window regulators, hinges, etc.)		332510-6	06/85	117.8	117.9	117.9	-0.8	0.0
Other transportation equipment hardware (except motor vehicle hardware)		332510-7	06/85	303.3	303.3	304.0	1.6	0.2
Secondary products and miscellaneous receipts		332510-SM						
Miscellaneous receipts		332510-M	07/85	284.8	281.2	284.4	-0.1	1.1
Secondary products		332510-S	06/85	248.5	240.8	242.7	1.5	0.8
Spring & wire product mfg.	3326		12/03	155.8	155.3	155.7	-1.0	0.3
Spring & wire product mfg.	33261		12/03	155.8	155.3	155.7	-1.0	0.3
Spring mfg.	332613		12/11	102.6	102.8	102.8	-0.6	0.0
Primary products		332613-P	12/11	102.9	103.0	103.0	-0.6	0.0
Heavy gauge springs		332613-1	06/81	199.1	199.3	199.3	-0.1	0.0
Hot formed steel springs, except wire		332613-11	06/81	222.7	223.0	223.0	-0.1	0.0
Cold formed steel springs, except wire		332613-13	06/81	169.0	169.2	169.2	0.1	0.0
Light gauge springs		332613-2	12/82	174.5	174.8	174.7	-0.9	-0.1
Precision mechanical wire springs		332613-22	12/82	188.6	188.6	188.4	-1.7	-0.1
Precision mechanical extension- and torsion-type wire springs		332613-221	06/01	147.6	148.1	148.0	-1.8	-0.1
Precision mechanical compression-type wire springs		332613-222	06/01	130.8	130.6	130.4	-1.6	-0.2
Other wire springs, including spring units for box springs, innerspring mattresses, etc.		332613-24	12/82	163.0	–	–	–	–
Secondary products and miscellaneous receipts		332613-SM						
Miscellaneous receipts		332613-M	12/11	104.4	–	–	–	–
Secondary products		332613-S	12/11	–	95.6	95.6	-3.2	0.0
Other fabricated wire product mfg.	332618		12/82	224.7	223.4	224.3	-1.1	0.4
Primary products		332618-P	12/82	215.6	214.1	214.7	-1.4	0.3
Other ferrous wire products, excluding springs, made from purchased wire		332618-B	12/82	224.0	220.5	222.6	-2.3	1.0
Noninsulated ferrous wire rope, cable, forms and strand, made from purchased wire		332618-1	12/82	207.3	207.3	207.3	-1.3	0.0
Other fabricated wire products, made from purchased wire		332618-2	06/85	104.7	104.7	104.7	0.5	0.0
Ferrous wire cloth and other ferrous woven wire products, made from purchased wire		332618-3	12/82	158.6	155.9	152.9	-3.4	-1.9
Nonferrous wire cloth and other nonferrous woven wire products, made from purchased wire		332618-5	12/82	167.1	164.5	168.3	0.2	2.3
Steel fencing and fence gates, made from purchased wire		332618-7	12/82	278.1	–	278.1	0.0	–
Steel nails, staples, tacks, spikes, and brads, made from purchased wire		332618-9	12/03	168.3	167.5	167.5	-5.7	0.0
Secondary products and miscellaneous receipts		332618-SM						
Miscellaneous receipts		332618-M	12/82	234.9	234.9	234.9	0.0	0.0
Secondary products		332618-S	12/82	496.7	494.3	505.5	-0.1	2.3
Mach shops, turn prod, screw, nut, bolt mfg.	3327		12/03	132.9	133.3	133.7	0.1	0.3
Machine shops	33271		12/03	128.0	128.2	128.7	0.2	0.4
Machine shops	332710		06/84	170.2	170.5	171.3	0.2	0.5
Primary products		332710-P	06/84	167.7	167.8	168.7	0.2	0.5
Machine shop job work and job order repairs		332710-0	06/84	166.5	166.6	167.5	0.2	0.5
Secondary products and miscellaneous receipts		332710-SM						
Turned product & screw, nut & bolt mfg.	33272		12/84	176.1	177.0	177.1	0.1	0.1
Precision turned product mfg.	332721		12/83	182.8	183.3	183.1	-0.8	-0.1
Primary products		332721-P	12/83	171.6	171.2	170.8	-1.2	-0.2
Precision turned products, automotive		332721-1	12/83	144.8	144.7	144.7	-2.2	0.0
Precision turned products, except automotive		332721-3	12/83	184.8	184.3	183.7	-0.8	-0.3
Secondary products and miscellaneous receipts		332721-SM						
Secondary products		332721-S1	05/15	100.0	100.0	100.0	–	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Bolt, nut, screw, rivet, and washer mfg.	332722		06/82	180.6	180.3	180.3	0.5	0.0
Primary products		332722-P	06/82	184.9	184.5	184.5	0.7	0.0
Aircraft fasteners, except plastics (including aerospace)		332722-1	06/82	275.1	275.1	275.1	0.2	0.0
Externally threaded metal fasteners (except aircraft types)		332722-3	06/82	160.6	159.7	159.8	-0.4	0.1
Hex bolts, including heavy, tap-and-joint (excluding high-strength structural & aircraft types)		332722-3122	06/82	150.9	149.3	149.4	-3.8	0.1
Other metal bolts, including square, round, plow, high-strength structural, & bent bolts		332722-3133	12/99	192.1	192.2	192.2	-0.2	0.0
Cap, set, machine, lag, flange, and self-locking screws (except aircraft types)		332722-3144	12/87	175.5	172.2	172.2	-1.1	0.0
Tapping screws and wood screws (except aircraft types)		332722-3155	06/82	176.1	176.1	176.1	8.2	0.0
Other externally threaded metal fasteners, including studs (except aircraft types)		332722-3199	12/99	107.1	107.1	107.1	-2.5	0.0
Internally threaded fasteners (except aircraft types)		332722-5	06/82	126.0	126.1	126.1	-0.5	0.0
Nonthreaded metal fasteners (except aircraft types)		332722-7Y	06/82	184.1	183.8	183.8	2.2	0.0
Secondary products and miscellaneous receipts		332722-SM						
Miscellaneous receipts		332722-M	06/82	170.8	170.8	170.8	-0.6	0.0
Secondary products		332722-S	06/82	113.0	113.0	113.2	–	0.2
Coating/engrave/heat treating & other activity	3328		12/03	130.0	131.5	131.5	1.5	0.0
Coating/engrave/heat treating & other activity	33281		12/84	178.9	180.9	181.0	1.5	0.1
Metal heat treating	332811		06/85	156.1	155.8	156.1	1.0	0.2
Primary products		332811-P	06/85	155.6	155.3	155.5	0.6	0.1
Heat treating of metal for the trade (pickling, annealing, etc.)		332811-0	06/85	155.6	155.3	155.5	0.6	0.1
Secondary products and miscellaneous receipts		332811-SM						
Metal coating and nonprecious engraving	332812		12/84	160.1	161.8	162.3	0.8	0.3
Primary products		332812-P	12/84	164.5	166.3	166.9	0.8	0.4
Metal coating, engraving, and allied services		332812-0	12/84	164.5	166.3	166.9	0.8	0.4
Secondary products and miscellaneous receipts		332812-SM						
Secondary products		332812-S	12/84	96.2	–	–	–	–
Electroplating, anodizing and coloring metal	332813		12/84	202.0	206.3	205.3	3.3	-0.5
Primary products		332813-P	12/84	206.0	209.4	209.1	3.2	-0.1
Electroplating, plating, polishing, anodizing and coloring metal		332813-0	12/84	206.0	209.4	209.1	3.2	-0.1
Secondary products and miscellaneous receipts		332813-SM						
Secondary products		332813-S	12/84	171.5	184.7	182.1	–	-1.4
Other fabricated metal product mfg.	3329		12/03	151.3	151.4	151.6	0.0	0.1
Metal valve mfg.	33291		12/03	159.8	160.2	160.1	1.3	-0.1
Industrial valve mfg.	332911		06/91	231.2	232.3	232.1	2.0	-0.1
Primary products		332911-P	06/91	239.0	240.2	240.0	2.3	-0.1
All other miscellaneous industrial valves		332911-B	06/91	210.4	211.3	211.2	0.0	0.0
Automatic regulating and control valves and parts (except nuclear), power operated		332911-F	12/82	283.1	284.0	284.0	2.1	0.0
Solenoid-operated valves and parts, except nuclear and fluid power transfer		332911-H	12/82	323.9	327.2	–	–	–
Gates, globes, angles and other industrial valves		332911-1	06/91	264.2	264.2	263.9	1.9	-0.1
Industrial valves for water works and municipal equipment (IBBM, AWWA, and UL)		332911-3Z	06/91	275.5	274.6	274.0	-0.4	-0.2
Industrial ball valves (all metals, pressures, and types), incl. manual & power operated		332911-5Z	06/91	300.6	305.7	305.4	5.9	-0.1
Industrial butterfly valves (all metals, pressures, and types), incl. manual & power operated		332911-7Z	06/91	182.6	182.6	182.6	0.8	0.0
Industrial plug valves (all metals, pressures, and types)		332911-9Z	12/82	222.0	222.0	222.0	0.8	0.0
Secondary products and miscellaneous receipts		332911-SM						
Secondary products		332911-S	06/91	188.7	188.7	188.7	0.0	0.0
Fluid power valve and hose fitting mfg.	332912		06/91	204.2	204.3	204.2	2.1	0.0
Primary products		332912-P	06/91	207.1	207.1	207.1	2.2	0.0
Nonaerospace type pneumatic valves, except directional control		332912-BY	12/98	174.2	174.2	174.2	0.8	0.0
Parts for fluid power valves		332912-DZ	06/91	177.1	177.4	177.4	2.2	0.0
Nonaerospace type flared (metal) fittings, couplings and assemblies		332912-HZ	06/91	185.3	186.5	186.5	3.8	0.0
Nonaerospace type flareless fittings and couplings (incl. nonmetal fittings)		332912-JZ	06/91	176.1	176.9	176.5	0.2	-0.2
Nonaerospace type hydraulic and pneumatic fittings and couplings for hose		332912-L	06/91	218.6	218.6	218.6	0.9	0.0
Aerospace type hydraulic fluid power valves		332912-1	06/91	162.7	162.7	162.7	3.0	0.0
Nonaerospace type hydraulic directional control valves		332912-5	06/91	188.6	189.2	189.1	1.1	-0.1
Nonaerospace type hydraulic valves, except directional control		332912-7	12/98	178.7	178.7	178.7	0.1	0.0
Nonaerospace type pneumatic directional control valves		332912-9	06/91	190.3	190.3	190.3	3.3	0.0
Secondary products and miscellaneous receipts		332912-SM						
Miscellaneous receipts		332912-M	12/98	165.5	165.7	165.7	2.9	0.0
Plumbing fixture fitting and trim mfg.	332913		06/83	269.2	269.3	269.2	0.1	0.0
Primary products		332913-P	06/83	271.8	271.9	271.8	0.0	0.0
One-, two-, and 3-handle plumbing fixture controls, fittings, and antiscald valves		332913-2Y	06/83	246.1	246.1	–	–	–

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Plumbing fixture fitting and trim mfg - Continued								
Metal and nonmetal lavatory and sink fittings, excluding single control		332913-4Y	06/98	139.8	139.8	139.8	0.0	0.0
Secondary products and miscellaneous receipts		332913-SM						
Miscellaneous receipts		332913-M	06/07	128.3	–	–	–	–
Other metal valve and pipe fitting mfg	332919		12/82	245.5	245.8	245.8	-0.8	0.0
Primary products		332919-P	12/82	253.0	253.3	253.3	-1.2	0.0
Metal fittings, flanges, and unions for piping systems		332919-4	12/82	292.0	292.4	292.4	-2.0	0.0
Secondary products and miscellaneous receipts		332919-SM						
Secondary products		332919-S	12/82	198.9	199.3	199.3	1.3	0.0
All other fabricated metal product mfg	33299		12/03	145.1	145.0	145.4	-1.0	0.3
Ball and roller bearing mfg	332991		06/83	260.6	260.4	260.5	-0.3	0.0
Primary products		332991-P	06/83	255.5	255.4	255.4	-0.3	0.0
Ball bearings, complete, unmounted		332991-1	06/83	240.2	240.0	240.1	-0.2	0.0
Tapered roller bearings (including cups & cones), unmounted		332991-3	06/83	259.9	259.9	259.9	-1.0	0.0
Other roller bearings, unmounted		332991-5	06/83	289.8	289.8	289.8	0.5	0.0
Mounted bearings, except plain		332991-7	06/83	321.0	321.0	321.0	1.9	0.0
Parts and components for ball and roller bearings, including balls and rollers, sold separately		332991-9	06/83	176.4	175.7	175.7	-0.7	0.0
Secondary products and miscellaneous receipts		332991-SM						
Secondary products		332991-S	06/83	211.0	211.0	211.0	-0.8	0.0
Small arms ammunition mfg	332992		06/85	243.8	243.7	243.8	0.5	0.0
Primary products		332992-P	06/85	281.8	281.6	281.8	0.7	0.1
Small arms ammunition		332992-0	12/06	176.9	176.7	176.8	0.7	0.1
All other ammo products, incl. industrial shells & cartridges, air gun ammo, percussion caps		332992-07	06/02	166.8	163.4	163.2	0.8	-0.1
Small arms cartridges and shells		332992-0A	06/85	268.1	–	–	–	–
Secondary products and miscellaneous receipts		332992-SM						
Miscellaneous receipts		332992-M	06/02	182.5	182.5	182.5	0.1	0.0
Secondary products		332992-S	05/95	–	93.3	–	–	–
Ammunition, except small arms, mfg	332993		12/85	221.0	225.2	225.3	2.1	0.0
Primary products		332993-P	12/85	200.9	206.8	207.0	3.3	0.1
Ammunition (excluding small arms), more than 30 mm (1.18 in.)		332993-0	12/85	200.9	206.8	207.0	3.3	0.1
Secondary products and miscellaneous receipts		332993-SM						
Fabricated pipe and pipe fitting mfg	332996		06/81	304.0	302.3	302.7	-0.8	0.1
Primary products		332996-P	06/81	273.1	271.8	271.8	-0.9	0.0
Fabricated pipe and pipe fittings made from purchased pipe		332996-0	12/02	180.6	179.8	179.7	-0.9	-0.1
Secondary products and miscellaneous receipts		332996-SM						
Miscellaneous receipts		332996-M	08/81	894.3	881.7	881.7	-2.1	0.0
Secondary products		332996-S	04/82	195.3	–	227.5	26.2	–
Miscellaneous fabricated metal product mfg	332999		12/03	129.5	129.4	130.1	-1.9	0.5
Primary products		332999-P	12/03	130.7	130.6	131.3	-2.2	0.5
All other miscellaneous fabricated metal products		332999-L	06/85	169.0	168.6	169.6	-2.8	0.6
Enameled iron and metal sanitary ware		332999-8	12/80	256.5	258.5	258.5	1.0	0.0
Secondary products and miscellaneous receipts		332999-SM						
Miscellaneous receipts		332999-M	12/03	119.3	119.2	120.0	0.5	0.7
Secondary products		332999-S	12/03	126.5	127.2	127.1	0.1	-0.1
Small arms, ordnance, and ordnance accessories mfg	33299T		12/11	99.1	99.7	99.7	-0.8	0.0
Primary products		33299T-P	12/11	98.7	99.4	99.4	-0.9	0.0
Small arms, 30 mm or less, or 1.18 in. or less		33299T-4	12/04	117.0	116.9	116.9	-0.1	0.0
Rifles		33299T-44	06/13	102.7	102.7	102.7	-0.3	0.0
Single barrel shotguns, other small firearms n.e.c., and parts & attachments for small arms		33299T-45	06/13	98.7	98.7	98.7	-0.1	0.0
Pistols and revolvers		33299T-49	06/13	100.6	100.6	100.6	0.3	0.0
Secondary products and miscellaneous receipts		33299T-SM						
Machinery manufacturing	333		12/03	132.0	132.2	132.2	0.4	0.0
Agricultural, construction, and mining machinery mfg	3331		12/03	136.7	136.8	136.9	0.5	0.1
Agricultural implement manufacturing	33311		12/03	128.5	128.8	128.9	0.6	0.1
Farm machinery and equipment mfg	333111		12/82	209.6	209.8	210.1	0.8	0.1
Primary products		333111-P	12/82	212.2	212.1	212.1	0.9	0.0
Haying machinery and attachments		333111-A	12/82	222.6	222.6	222.6	0.1	0.0
Parts for farm machinery, for sale separately		333111-C	12/82	173.9	172.4	173.9	-1.1	0.9
Farm plows, harrows, rollers, pulverizers, etc., and attachments		333111-E	12/02	175.6	175.6	175.6	0.7	0.0
All other farm machinery and equipment, excluding parts, including attachments		333111-G	12/82	250.6	250.6	252.0	1.0	0.6
Commercial turf and grounds care equipment, including parts and attachments		333111-J	12/82	205.0	205.8	205.5	0.4	-0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Farm machinery and equipment mfg - Continued								
Farm-type (power take-off hp) wheel tractors (2/4-wheel drive)(with or without attachments)		333111-1	12/82	198.2	198.2	198.3	1.0	0.1
Farm dairy equipment, sprayers and dusters, farm blowers, and attachments		333111-4	12/82	232.4	232.4	227.1	1.3	-2.3
Planting, seeding, and fertilizing machinery and attachments		333111-7	12/82	206.7	207.0	207.1	0.9	0.0
Harvesting machinery (except hay and straw) and attachments		333111-9	12/82	220.2	220.1	220.1	2.3	0.0
Secondary products and miscellaneous receipts		333111-SM						
Miscellaneous receipts		333111-M	12/82	171.8	171.8	176.9	3.1	3.0
Secondary products		333111-S	12/82	187.3	190.4	189.6	-1.8	-0.4
Lawn and garden equipment mfg	333112		12/82	135.5	136.5	136.5	0.1	0.0
Primary products		333112-P	12/82	137.4	138.5	138.5	0.3	0.0
Consumer nonriding lawn, garden, and snow equipment		333112-1	12/82	130.5	130.6	130.6	-0.8	0.0
Consumer riding lawn, garden, and snow equipment		333112-3	12/82	146.5	148.8	148.8	1.6	0.0
Parts and attachments for consumer lawn, garden, and snow equipment		333112-7	06/03	112.5	113.2	113.2	-0.4	0.0
Secondary products and miscellaneous receipts		333112-SM						
Miscellaneous receipts		333112-M	06/03	115.1	–	–	–	–
Secondary products		333112-S	12/82	121.8	121.7	121.7	-3.4	0.0
Construction machinery manufacturing	33312		12/03	138.1	138.3	138.4	0.8	0.1
Construction machinery mfg	333120		12/80	246.7	247.2	247.2	0.8	0.0
Primary products		333120-P	12/80	241.6	242.0	242.1	0.9	0.0
Power cranes, loaders, dozers, tractors, off-highway trucks, mixers, pavers, backhoes, etc.		333120-1	12/03	137.4	137.7	137.8	1.0	0.1
Power cranes, draglines, & shovels (excavators) (incl. surface mining equip.) (excluding parts)		333120-11	12/99	141.1	141.1	141.1	0.2	0.0
Mixers, pavers, and related equipment (excluding parts)		333120-12	12/80	206.3	206.3	208.5	2.7	1.1
Off-highway trucks, haulers, truck-type tractor chassis, trailers, etc. (excluding parts)		333120-13	12/03	148.8	148.0	148.1	-1.4	0.1
Tractor shovel loaders (skid steer, wheel, crawler, and integral design backhoes)		333120-14	12/80	253.5	253.5	253.5	1.6	0.0
Construction wheel and crawler tractors, dozers, self-propelled log skidders, etc.		333120-15	12/03	134.4	137.0	136.4	1.0	-0.4
Graders, rollers & compactors, rough-terrain forklifts, scrapers, trenchers, etc. (excl. parts)		333120-16	12/03	155.1	155.1	155.3	3.1	0.1
Construction machinery for mounting (excluding parts, winches, snow clearing attachments)		333120-17	12/99	133.8	133.9	133.9	0.1	0.0
Other construction machinery and equipment (excluding parts)		333120-8	12/03	151.3	151.3	151.3	1.4	0.0
Parts for construction machinery and equipment, sold separately		333120-9	12/99	141.1	141.1	141.0	-0.1	-0.1
Parts for cranes, draglines, and shovels (including surface mining equipment) (sold separately)		333120-91	06/07	127.5	128.0	128.0	0.6	0.0
Parts for off-highway wheel tractors and shovel loaders (sold separately)		333120-92	06/07	113.2	113.2	112.9	-1.5	-0.3
Parts for other construction machinery (sold separately)		333120-93	06/07	111.4	111.1	111.1	-0.1	0.0
Secondary products and miscellaneous receipts		333120-SM						
Miscellaneous receipts		333120-M	12/80	364.0	365.2	365.1	–	0.0
Secondary products		333120-S	12/80	247.5	247.5	247.5	0.7	0.0
Mining and oil and gas field machinery mfg	33313		12/03	154.5	154.3	154.4	-0.2	0.1
Mining machinery and equipment mfg	333131		06/81	262.5	261.7	262.5	0.4	0.3
Primary products		333131-P	06/81	276.0	275.1	276.1	0.5	0.4
Underground mining machinery (except parts sold separately)		333131-1	06/81	308.9	308.9	308.9	0.1	0.0
Mineral processing & beneficiation machinery (except parts sold separately)		333131-3	06/81	308.4	308.4	308.4	2.7	0.0
Crushing, pulverizing & screening machinery (except parts sold separately)		333131-5	06/81	301.8	301.8	301.8	0.0	0.0
Drills and other mining machinery (except parts sold separately)		333131-7	06/81	288.2	288.9	288.9	2.2	0.0
Parts and attachments for mining machinery and equipment (sold separately)		333131-9	06/81	246.8	244.1	246.9	-0.8	1.1
Secondary products and miscellaneous receipts		333131-SM						
Miscellaneous receipts		333131-M	06/81	205.1	205.1	205.1	0.0	0.0
Oil and gas field machinery and equipment mfg	333132		12/80	266.7	266.4	266.4	-0.4	0.0
Primary products		333132-P	12/80	263.0	262.7	262.7	-0.4	0.0
Rotary oil and gas field drilling machinery and equipment		333132-1	12/86	279.9	279.9	279.9	0.3	0.0
Other oil and gas field drilling machinery and equipment		333132-3Z	12/86	247.5	245.9	245.9	-2.4	0.0
Other oil and gas field drilling machinery and equipment (except parts sold separately)		333132-3Z1	12/10	103.5	102.4	102.4	-3.1	0.0
Parts and attachments for other oil and gas field drilling machinery and equipment		333132-3Z2	12/10	101.5	101.5	101.5	-1.3	0.0
Oil and gas field production machinery and equipment (except pumps)		333132-5Z	12/80	213.6	213.6	213.6	-0.6	0.0
Oil and gas field production machinery and equipment (except pumps and parts sold separately)		333132-5Z1	12/10	110.7	110.7	110.7	0.1	0.0
Parts and attachments for oil and gas field production machinery and equipment (except pumps)		333132-5Z2	12/10	106.6	106.6	106.6	-3.5	0.0
Oil and gas field derricks and well surveying machinery		333132-9	12/86	109.5	109.8	109.8	3.4	0.0
Secondary products and miscellaneous receipts		333132-SM						

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Oil and gas field machinery and equipment mfg - Continued								
Miscellaneous receipts		333132-M	12/80	330.2	330.2	330.2	0.0	0.0
Secondary products		333132-S	12/80	198.1	198.1	198.1	-1.0	0.0
Industrial machinery manufacturing	3332		12/84	173.3	174.5	174.5	0.9	0.0
Other industrial machinery manufacturing	33324		12/84	170.9	172.1	172.1	0.9	0.0
Food product machinery mfg	333241		12/83	257.5	258.5	258.3	1.5	-0.1
Primary products		333241-P	12/83	265.4	266.4	266.3	1.8	0.0
Dairy and milk products plant machinery and equipment		333241-1	12/83	238.2	239.9	239.9	1.0	0.0
Commercial food products machinery (except packaging and cooking equipment)		333241-3	12/83	236.0	236.4	236.1	1.5	-0.1
Industrial food products machinery for processing foods, beverages, & animal & fowl feed		333241-5	12/83	280.2	281.8	281.8	2.4	0.0
Other industrial food and feed machinery		333241-51	12/12	111.7	112.3	112.3	1.3	0.0
Machinery for sorting/grading/cleaning fruits/vegs/eggs etc.		333241-52	12/12	114.5	115.0	114.9	5.0	-0.1
Parts and attachments for industrial food and feed products machinery		333241-53	12/12	105.5	106.8	106.8	3.4	0.0
Secondary products and miscellaneous receipts		333241-SM						
Miscellaneous receipts		333241-M	12/83	183.3	183.3	183.3	-0.7	0.0
Secondary products		333241-S	12/83	257.8	258.7	258.6	0.9	0.0
Semiconductor machinery mfg	333242		12/03	85.9	86.4	86.4	0.6	0.0
Primary products		333242-P	12/03	84.2	84.8	84.8	0.7	0.0
Semiconductor machinery and parts		333242-0	06/87	108.4	109.1	109.1	0.6	0.0
Secondary products and miscellaneous receipts		333242-SM						
Miscellaneous receipts		333242-M	12/03	103.6	103.6	103.6	0.6	0.0
Sawmill, woodworking and paper machinery mfg	333243		12/11	111.6	112.0	111.8	1.7	-0.2
Primary products		333243-P	12/11	111.2	111.6	111.4	2.0	-0.2
Sawmill and woodworking machinery		333243-A	12/80	230.3	231.8	230.9	2.0	-0.4
Sawmill and woodworking machinery, excluding parts & attachments		333243-A3	06/12	117.8	118.4	117.8	2.3	-0.5
Parts, attachments & accessories for sawmill & woodworking		333243-A4	06/12	105.0	106.5	106.5	1.5	0.0
Paper industry machinery		333243-B	06/82	226.5	227.1	227.0	2.0	0.0
Paper industry machinery excluding parts & attachments		333243-B1	12/03	126.5	126.9	126.8	2.6	-0.1
Parts & attachments for paper industry machinery		333243-B2	06/82	211.8	212.2	212.2	1.3	0.0
Secondary and miscellaneous receipts		333243-SM						
Miscellaneous receipts		333243-M	12/11	113.6	113.6	113.6	0.7	0.0
Secondary products		333243-S	12/11	113.4	113.4	113.4	0.8	0.0
Printing machinery and equipment mfg	333244		12/82	169.1	169.2	169.5	1.7	0.2
Primary products		333244-P	12/82	163.8	164.0	164.3	1.5	0.2
All other miscellaneous printing trades machinery, including parts		333244-A	12/88	123.2	123.5	123.8	0.1	0.2
Other printing machinery and equipment, incl. pre-press preparation & typesetting		333244-A7	06/01	91.3	91.6	92.1	-1.0	0.5
Parts, attachments, and accessories for printing trades machinery		333244-A8	06/01	117.8	117.8	117.8	0.9	0.0
Binding machinery and equipment (inc. paper cutting, collating, and gathering machines)		333244-7	12/88	165.0	165.7	165.7	–	0.0
Secondary products and miscellaneous receipts		333244-SM						
Miscellaneous receipts		333244-M	12/82	211.1	211.1	211.1	2.6	0.0
Secondary products		333244-S	12/82	157.5	158.1	158.1	–	0.0
Other industrial machinery mfg	333249		12/11	103.7	104.9	104.9	0.4	0.0
Primary products		333249-P	12/11	102.9	104.3	104.3	0.4	0.0
Plastics and rubber industry machinery		333249-A	12/03	125.7	126.6	126.8	1.4	0.2
Plastics working machinery and equipment, excluding patterns and molds, including parts		333249-A1	12/81	214.8	216.6	216.8	1.4	0.1
Parts for plastics working machinery		333249-A14	12/08	105.3	105.3	105.5	-0.3	0.2
Plastics working machinery and equipment, excluding patterns, molds, and parts sold separately		333249-A19	12/08	108.4	109.5	109.6	1.6	0.1
Textile machinery		333249-2	12/80	210.3	205.4	205.4	-2.7	0.0
Textile machinery (except parts, attachments, and accessories)		333249-21	12/80	195.0	194.0	194.0	-1.0	0.0
Parts and attachments for textile machinery		333249-23	12/80	239.8	225.4	225.4	-6.0	0.0
All other industrial machinery		333249-8	12/03	122.2	124.7	124.6	0.4	-0.1
Secondary products and miscellaneous receipts		333249-SM						
Miscellaneous receipts		333249-M	12/11	108.2	108.2	108.2	0.4	0.0
Secondary products		333249-S	12/11	105.8	105.5	105.8	1.2	0.3
Commercial and service industry machinery	3333		12/03	121.2	121.8	122.2	1.2	0.3
Commercial and service industry machinery	33331		12/03	121.2	121.8	122.2	1.2	0.3
Optical instrument and lens manufacturing	333314		06/91	115.4	115.3	115.7	-0.4	0.3
Primary products		333314-P	06/91	115.3	115.2	115.6	-0.6	0.3
Sighting, tracking, and fire-control equipment, optical type		333314-1	12/85	125.8	125.8	125.8	-0.5	0.0
All other miscellaneous optical instruments and lenses		333314-3	12/98	109.3	109.2	109.8	-0.6	0.5

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Optical instrument and lens manufacturing - Continued								
Secondary products and miscellaneous receipts		333314-SM						
Photographic and photocopying equipment mfg.	333316		12/03	104.7	105.2	104.5	-0.2	-0.7
Primary products		333316-P	12/03	113.0	113.9	113.0	0.0	-0.8
Secondary products and miscellaneous receipts		333316-SM						
Other commercial and service industry machinery mfg.	333318		12/11	107.3	107.9	108.4	1.8	0.5
Primary products		333318-P	12/11	106.8	107.6	108.1	1.7	0.5
Automatic vending machines		333318-1	06/82	143.6	143.9	143.9	1.7	0.0
Automatic merchandising machines, coin-operated, excluding parts		333318-11	06/82	140.4	140.4	140.4	0.9	0.0
Coin-operated mechanisms and other parts for automatic merchandising machines		333318-13	12/88	128.4	128.2	128.2	-1.5	0.0
Commercial laundry and drycleaning machinery		333318-2	12/82	248.3	248.3	248.3	2.5	0.0
Office machinery		333318-3	06/85	126.0	126.0	126.0	0.0	0.0
Other office machinery		333318-38	06/07	102.1	102.1	102.1	0.0	0.0
Mailing, letter handling, and addressing machines, except parts and attachments		333318-3A	06/85	122.8	122.8	–	–	–
Parts and attachments for office machines		333318-3J	12/03	123.6	123.6	–	–	–
Other commercial & service industry machinery		333318-9	06/82	239.3	241.5	243.2	2.1	0.7
Commercial cooking and food warming equipment		333318-91	06/82	285.4	287.3	287.3	2.3	0.0
Commercial and industrial vacuum cleaners, incl. parts and attachments		333318-93	06/82	220.1	220.1	220.1	0.3	0.0
Miscellaneous machinery products, incl. electronic teaching machines & auto maintenance equip.		333318-9B	06/07	117.5	118.8	120.0	2.1	1.0
Secondary products and miscellaneous receipts		333318-SM						
Miscellaneous receipts		333318-M	12/11	107.3	107.3	107.3	0.3	0.0
Secondary products		333318-S	12/11	109.7	110.0	110.0	3.6	0.0
HVAC and commercial refrigeration equipment	3334		12/03	139.4	138.6	138.9	0.7	0.2
HVAC and commercial refrigeration equipment	33341		12/03	139.4	138.6	138.9	0.7	0.2
Fan, blower, air purification equipment mfg.	333413		12/11	108.5	108.3	108.7	0.4	0.4
Primary products		333413-P	12/11	108.6	108.3	108.7	0.5	0.4
Air purification equipment		333413-1	12/03	127.5	127.7	127.9	0.9	0.2
Dust collection and other air purification equipment for industrial gas cleaning systems		333413-11	12/83	192.4	192.4	192.4	1.5	0.0
Dust collection and other air purification equipment for cleaning incoming air		333413-13	12/83	177.2	177.6	177.9	0.6	0.2
Air filters for air-conditioners and furnaces, etc. of 2400 CFM or less, except parts		333413-131	06/09	109.7	109.8	110.2	–	0.4
Other dust collection and air purification equipment, except parts		333413-132	06/09	109.0	109.8	109.8	–	0.0
Parts for dust collection and air purification equipment		333413-133	06/09	108.9	108.9	108.9	–	0.0
Industrial and commercial fans and blowers		333413-2	12/03	155.8	154.7	155.6	0.0	0.6
Centrifugal blower filter units, and classes I-IV centrifugal fans, except parts		333413-22	06/09	137.4	135.2	137.1	-0.1	1.4
Other centrifugal fans and blowers, except parts		333413-23	06/09	120.4	117.7	118.6	-1.2	0.8
Axial fans and industrial propeller fans, except parts		333413-27	06/09	113.9	113.7	114.3	0.3	0.5
Power roof ventilators, except parts		333413-28	06/09	111.6	113.8	113.8	2.1	0.0
Parts and accessories for fans and blowers		333413-29	06/09	110.6	110.6	111.0	0.4	0.4
Secondary products and miscellaneous receipts		333413-SM						
Miscellaneous receipts		333413-M	12/11	104.8	104.9	104.9	0.8	0.0
Heating equipment (except warm air furnaces) mfg.	333414		06/80	292.4	291.3	291.2	0.3	0.0
Primary products		333414-P	06/80	284.5	283.4	283.2	0.1	-0.1
Other heating equipment, except electric (incl. parts for nonelectric equipment & oil burners)		333414-AZ	06/99	146.5	147.5	147.2	2.4	-0.2
Cast iron heating boilers, radiators, and convectors (except parts)		333414-1	06/99	174.3	163.8	163.8	-4.5	0.0
Domestic heating stoves (except electric and parts)		333414-3	06/80	228.1	230.4	230.4	-0.3	0.0
Floor and wall furnaces, unit heaters, infrared heaters, and mechanical stokers		333414-7	06/99	144.6	146.2	146.2	2.1	0.0
Secondary products and miscellaneous receipts		333414-SM						
Miscellaneous receipts		333414-M	06/99	120.7	120.7	120.7	1.2	0.0
Secondary products		333414-S	06/80	295.0	295.0	295.0	3.4	0.0
Air-conditioning, refrigeration, and forced air heating equipment mfg.	333415		12/82	182.1	180.9	181.3	0.8	0.2
Primary products		333415-P	12/82	184.2	183.0	183.9	0.9	0.5
Compressors and compressor units, all refrigerants, except automotive		333415-A	12/03	134.6	134.6	141.0	3.8	4.8
Warm air furnaces, incl. duct furnaces & humidifiers, & electric comfort heating		333415-C	12/89	143.7	145.1	143.5	0.1	-1.1
Parts & accessories for air conditioning & heat transfer equipment		333415-D	12/89	171.6	173.4	172.7	1.3	-0.4
Unitary air-conditioners, except air source heat pumps		333415-E	12/82	163.8	159.4	157.6	-1.0	-1.1
Heat pumps		333415-H	12/09	111.5	116.5	114.3	3.1	-1.9
Heat transfer equipment (except elec dehumidifiers), mechanically refrigerated, self-contained		333415-2	12/03	152.5	148.3	152.4	1.3	2.8
Commercial refrigerators and related equipment		333415-3	12/82	228.4	–	–	–	–
Refrigeration condensing units, all refrigerants, except ammonia (complete)		333415-5	12/82	215.6	–	218.7	3.5	–
All other miscellaneous refrigeration & air-conditioning equipment		333415-9	12/89	172.3	–	–	–	–
Secondary products and miscellaneous receipts		333415-SM						

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Air-conditioning, refrigeration, and forced air heating equipment mfg - Continued								
Miscellaneous receipts		333415-M	12/82	168.6	–	168.6	2.2	–
Metalworking machinery manufacturing	3335		12/03	117.8	118.2	117.6	-0.3	-0.5
Metalworking machinery manufacturing	33351		12/03	117.7	118.2	117.6	-0.3	-0.5
Industrial mold manufacturing	333511		12/03	104.3	106.8	104.2	-0.6	-2.4
Primary products		333511-P	12/03	104.6	107.8	104.7	-0.3	-2.9
Industrial molds and mold boxes		333511-0	06/81	128.6	132.6	128.8	-0.3	-2.9
Industrial injection-type molds made of metal for plastics		333511-05	12/09	105.4	105.4	105.3	0.2	-0.1
Other industrial molds and mold boxes		333511-06	12/09	98.7	104.8	99.1	-0.7	-5.4
Secondary products and miscellaneous receipts		333511-SM						
Special tool, die, jig, and fixture mfg	333514		12/03	108.1	107.3	107.4	-1.1	0.1
Primary products		333514-P	06/81	177.7	177.2	177.3	-0.8	0.1
Special dies, tools, jigs, and fixtures		333514-0	06/81	177.7	177.2	177.3	-0.8	0.1
Jigs and fixtures, including parts		333514-0A	06/81	268.4	268.4	268.4	0.7	0.0
Metalworking die and die sets		333514-0B	12/02	103.0	102.7	102.7	-1.3	0.0
Standard punches, industrial prototypes, die parts & other special tooling for dies		333514-0C	06/94	124.8	124.3	124.4	-1.3	0.1
Secondary products and miscellaneous receipts		333514-SM						
Secondary products		333514-S	12/03	114.3	105.1	105.1	-8.0	0.0
Cutting tool and machine tool accessory mfg	333515		06/83	184.0	184.1	184.1	-0.4	0.0
Primary products		333515-P	06/83	179.1	179.3	179.3	-0.1	0.0
Small cutting tools for machine tools/metalworking machinery		333515-1Y	06/83	172.2	172.7	172.7	-0.2	0.0
Other cutting tools for machine tools, excluding tips and blanks		333515-1Y1	12/00	126.6	127.6	127.5	0.3	-0.1
End mills and milling cutters		333515-1Y4	06/83	197.4	197.5	197.5	0.2	0.0
Threading tools, including blanks, tips and inserts		333515-1Y5	06/07	106.4	106.4	106.4	-2.1	0.0
Carbon and high-speed steel shank, solid, tipped carbide twist drills for machine tools		333515-1Y8	12/11	104.6	104.7	104.7	0.2	0.0
Taps, carbide indexible, and throwaway inserts for machine tools		333515-1Y9	12/11	108.2	108.2	108.2	0.1	0.0
Other attachments and accessories for machine tools and metalworking machinery		333515-3	06/83	194.8	193.8	194.3	0.4	0.3
Secondary products and miscellaneous receipts		333515-SM						
Miscellaneous receipts		333515-M	01/87	220.1	219.7	219.7	–	0.0
Secondary products		333515-S	06/83	183.8	183.8	183.8	0.6	0.0
Machine tool manufacturing	333517		12/11	109.4	109.7	109.2	0.0	-0.5
Primary products		333517-P	12/11	108.9	109.2	108.6	0.0	-0.5
Metal cutting machine tools		333517-2	06/83	191.5	192.3	191.0	0.1	-0.7
Metal grinding, polishing, buffing, honing, & lapping machines		333517-22	06/83	282.4	282.4	282.4	3.1	0.0
Parts for metal cutting machine tools (sold separately) & rebuilt machine tools		333517-26	06/83	158.5	158.5	158.5	0.0	0.0
Metal machining centers (multifunction numerically controlled machines)		333517-27	06/83	176.4	177.7	177.7	0.7	0.0
Other metal cutting machine tools		333517-2B	12/09	113.3	113.7	112.1	-1.0	-1.4
Metal forming machine tools		333517-3	06/81	241.5	241.7	241.6	0.0	0.0
Metal punching and shearing (power & manual), and bending andforming machines (power only)		333517-31	06/81	205.5	205.9	205.6	0.0	-0.1
Metalworking presses (except forging and die stamping presses)		333517-33	06/81	261.6	261.6	261.6	0.0	0.0
Other metal forming machine tools, including forging and die-stamping machines (except presses)		333517-35	06/81	272.5	272.5	272.5	0.0	0.0
Parts for metal forming machine tools (sold separately) and rebuilt metal forming machine tools		333517-37	06/81	232.9	232.9	232.9	0.0	0.0
Secondary products and miscellaneous receipts		333517-SM						
Secondary products		333517-S	12/11	111.9	111.9	111.9	–	0.0
Rolling mill and other metalworking machinery mfg	333519		12/11	102.7	103.3	103.5	1.2	0.2
Primary products		333519-P	12/11	103.5	104.2	104.4	1.2	0.2
Rolling mill machinery and equipment		333519-6	12/81	242.9	243.1	243.1	-0.2	0.0
Assembly machines and other metalworking machinery		333519-8	06/83	209.5	211.3	211.9	1.6	0.3
Assembly machines		333519-81	06/83	184.0	185.3	185.2	0.9	-0.1
Other metalworking machinery, excluding handheld & ultrasonic		333519-83	06/83	250.9	253.8	256.1	3.0	0.9
Secondary products and miscellaneous receipts		333519-SM						
Miscellaneous receipts		333519-M	12/11	106.9	107.0	107.0	1.1	0.0
Turbine and power transmission equipment mfg	3336		12/84	182.0	181.9	181.7	-1.8	-0.1
Turbine and power transmission equipment mfg	33361		12/84	182.0	181.9	181.7	-1.8	-0.1
Turbine and turbine generator set units mfg	333611		06/82	221.0	222.2	221.3	-0.7	-0.4
Primary products		333611-P	06/82	220.4	221.6	220.8	-0.8	-0.4
Turbines and turbine generator sets		333611-0	06/11	102.4	103.0	102.6	-0.8	-0.4
Steam, gas, and other turbines and turbine generators		333611-05	12/03	143.7	144.7	145.3	1.0	0.4
Parts & accessories for turbines, turbine generators, and turbine generator sets		333611-07	12/03	116.3	–	–	–	–

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Speed changer, drive, and gear mfg.	333612		12/83	269.9	269.8	270.2	0.1	0.1
Primary products		333612-P	12/83	255.0	254.9	255.4	0.1	0.2
Gears, pinions, racks, and worms, sold separately		333612-3	12/83	185.1	184.8	186.0	0.3	0.6
Speed changers, industrial high speed drives, and parts other than loose gearing		333612-7	12/03	158.4	158.4	158.4	0.0	0.0
Secondary products and miscellaneous receipts		333612-SM						
Miscellaneous receipts		333612-M	07/84	298.8	298.8	298.8	0.5	0.0
Secondary products		333612-S	12/83	369.7	369.7	369.7	1.0	0.0
Mechanical power transmission equipment mfg.	333613		12/84	249.0	248.9	248.9	-0.1	0.0
Primary products		333613-P	12/84	242.3	242.2	242.2	-0.1	0.0
Plain bearings and bushings		333613-1	12/84	163.2	163.2	163.2	-1.6	0.0
Mechanical power transmission equipment, except speed changers, drives, & gears		333613-3	12/84	261.3	261.1	261.1	0.2	0.0
Secondary products and miscellaneous receipts		333613-SM						
Miscellaneous receipts		333613-M	02/85	339.5	339.5	339.5	0.2	0.0
Other engine equipment mfg.	333618		12/82	161.7	161.1	161.1	-2.8	0.0
Primary products		333618-P	12/82	161.3	161.4	161.4	-2.2	0.0
Parts & accessories for internal combustion engines, ex. aircraft & gasoline automotive engines		333618-F	12/82	192.1	191.4	192.2	0.8	0.4
Diesel, semidiesel, and dual-fuel engines for automobiles, trucks, and buses		333618-5	12/82	147.7	–	–	–	–
Secondary products and miscellaneous receipts		333618-SM						
Secondary products		333618-S	12/82	–	148.8	148.8	–	0.0
Other general purpose machinery manufacturing	3339		12/03	144.3	144.4	144.5	1.0	0.1
Pump and compressor manufacturing	33391		12/03	147.5	147.5	147.4	1.0	-0.1
Pump and pumping equipment manufacturing	333911		12/83	256.2	256.3	256.2	1.5	0.0
Primary products		333911-P	12/83	257.2	257.3	257.2	1.4	0.0
Pump and pumping equipment		333911-1Z	12/09	111.8	111.8	111.8	1.2	0.0
Domestic water systems		333911-1Z1	12/83	223.3	224.9	224.7	2.7	-0.1
Domestic sump pumps		333911-1Z2	12/09	122.4	–	122.4	2.6	–
Oil-well and oil-field pumps, except boiler feed		333911-1Z3	12/09	111.6	111.6	111.6	0.0	0.0
Industrial pumps, except hydraulic fluid power pumps		333911-1Z4	12/83	248.1	248.1	248.0	1.6	0.0
Other pumps, except automotive circulating pumps, and measuring & dispensing pumps		333911-1Z5	12/01	174.2	174.2	174.2	1.3	0.0
Parts and attachments for pumps and pumping equipment, excl. compressors		333911-5Z	12/83	326.1	326.0	326.0	2.3	0.0
Secondary products and miscellaneous receipts		333911-SM						
Miscellaneous receipts		333911-M	12/83	335.1	335.1	335.1	2.9	0.0
Secondary products		333911-S	12/83	151.5	151.6	151.6	2.7	0.0
Air and gas compressor mfg.	333912		06/84	221.2	221.2	221.2	0.3	0.0
Primary products		333912-P	06/84	225.2	225.2	225.2	0.4	0.0
Air and gas compressors and vacuum pumps		333912-1	06/84	227.0	226.9	226.9	-0.4	0.0
Air & gas compressors, ex. compressors for ice making, refrigeration, or a/c equipment		333912-11Z	06/05	145.2	145.1	145.1	-0.6	0.0
Vacuum pumps, except laboratory		333912-12Z	06/05	138.3	138.9	138.9	0.6	0.0
Parts & attachments for air & gas compressors, ex. refrigeration, ice making, & a/c		333912-5Z	06/84	257.9	258.1	258.1	3.1	0.0
Industrial spraying equipment		333912-7	06/84	181.4	181.4	181.4	2.8	0.0
Secondary products and miscellaneous receipts		333912-SM						
Miscellaneous receipts		333912-M	11/86	176.8	176.8	176.8	0.7	0.0
Secondary products		333912-S	06/84	239.9	239.9	239.9	2.0	0.0
Measuring and dispensing pump manufacturing	333913		06/84	217.7	217.5	217.5	1.0	0.0
Primary products		333913-P	06/84	217.0	216.8	216.8	1.2	0.0
Measuring and dispensing pumps, incl. parts and attachments		333913-0	12/03	148.8	148.7	148.7	1.2	0.0
Secondary products and miscellaneous receipts		333913-SM						
Material handling equipment manufacturing	33392		12/03	147.1	147.4	147.4	0.8	0.0
Elevator and moving stairway mfg.	333921		06/81	163.2	163.3	163.3	1.1	0.0
Primary products		333921-P	06/81	160.9	160.9	160.9	0.9	0.0
Elevators and moving stairways		333921-1	06/81	154.7	154.7	154.7	1.0	0.0
Parts and attachments for elevators and moving stairways (sold separately)		333921-3	06/81	204.1	204.8	204.5	0.2	-0.1
Secondary products and miscellaneous receipts		333921-SM						
Conveyor and conveying equipment manufacturing	333922		06/84	202.9	203.0	203.1	0.2	0.0
Primary products		333922-P	06/84	199.9	200.0	200.1	0.2	0.1
Unit handling conveyors and conveying systems		333922-1	06/84	181.6	181.8	181.7	0.2	-0.1
Unit handling gravity and trolley conveyors and conveying systems		333922-12	06/09	112.7	113.3	113.1	0.7	-0.2
Unit handling tow, belt, roller, pneumatic, portable, carousel, and other nonbelt conveyors		333922-14	06/09	110.7	110.7	110.7	0.0	0.0
Parts and accessories for unit handling conveyors & conveying systems, sold separately		333922-3Z	06/84	236.5	236.5	236.5	-0.6	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Conveyor and conveying equipment manufacturing - Continued								
Bulk material handling conveyors & conveying systems		333922-8	06/84	188.2	188.3	188.2	0.5	-0.1
Parts and accessories for bulk material handling conveyors and conveying systems		333922-9	06/84	314.8	314.7	316.3	-0.4	0.5
Secondary products and miscellaneous receipts		333922-SM						
Miscellaneous receipts		333922-M	06/84	205.9	205.9	205.9	0.1	0.0
Secondary products		333922-S	06/84	256.4	256.7	256.4	0.5	-0.1
Overhead cranes, hoists and monorail systems	333923		12/03	155.6	155.7	155.7	1.2	0.0
Primary products		333923-P	12/03	156.8	157.0	157.0	1.1	0.0
Overhead traveling cranes and monorail systems		333923-3	12/84	216.8	217.1	217.1	1.4	0.0
Winches, aerial work platforms, and automotive wrecker hoists		333923-7	12/03	160.8	161.0	161.0	0.9	0.0
Secondary products and miscellaneous receipts		333923-SM						
Miscellaneous receipts		333923-M	12/03	141.8	141.6	141.6	1.9	0.0
Industrial truck, trailer, and stacker mfg.	333924		12/79	236.5	237.4	237.4	1.0	0.0
Primary products		333924-P	12/79	240.1	241.0	241.0	1.0	0.0
Industrial trucks, tractors, mobile straddle carriers & cranes, & automatic stacking machines		333924-2	12/79	216.0	217.1	217.1	1.2	0.0
Work trucks with lifting & handling equipment, operator riding, electric, self-propelled		333924-21	06/02	155.2	155.2	155.2	1.2	0.0
Work trucks, not fitted with lifting and handling equipment		333924-25	06/02	145.4	–	146.5	0.8	–
Bulk powered material moving equipment, dock boards and metal pallets and skids		333924-26	06/02	140.8	140.5	140.5	-0.3	0.0
Other work trucks with lifting & handling equipment, non-riding electric or any non-electric		333924-27	06/02	150.0	151.5	151.4	2.6	-0.1
Parts and attachments for industrial trucks and tractors (sold separately)		333924-3	12/86	259.1	258.5	258.5	0.3	0.0
Secondary products and miscellaneous receipts		333924-SM						
All other general purpose machinery mfg.	33399		12/03	139.8	139.8	140.0	1.0	0.1
Power-driven handtool mfg.	333991		12/80	196.8	196.8	196.8	2.1	0.0
Primary products		333991-P	12/80	189.5	189.6	189.6	2.5	0.0
Power-driven handtools, pneumatic, hydraulic, and power-actuated		333991-1Z	12/80	259.9	259.9	259.9	3.1	0.0
Power-driven handtools, electric (except battery powered), including parts		333991-9	12/04	109.4	109.5	109.5	2.6	0.0
Secondary products and miscellaneous receipts		333991-SM						
Miscellaneous receipts		333991-M	06/86	168.8	168.8	168.8	0.0	0.0
Welding and soldering equipment mfg.	333992		12/84	256.9	258.3	258.6	1.1	0.1
Primary products		333992-P	12/84	266.1	267.6	267.8	1.1	0.1
Other welding equipment, components, and accessories (excluding arc, resistance, and gas)		333992-A	06/90	146.4	146.4	146.4	1.7	0.0
Arc welding machines, components, and accessories, excluding electrodes		333992-1	12/84	241.9	244.4	244.5	1.1	0.0
Resistance welders, components, accessories, and electrodes		333992-7	12/84	219.4	220.7	220.7	0.2	0.0
Gas welding and cutting equipment, parts, attachments, and accessories		333992-9	06/83	213.3	216.3	216.3	1.9	0.0
Secondary products and miscellaneous receipts		333992-SM						
Miscellaneous receipts		333992-M	12/84	213.1	–	–	–	–
Secondary products		333992-S	12/84	194.6	–	–	–	–
Packaging machinery mfg.	333993		12/88	208.3	206.5	208.0	0.7	0.7
Primary products		333993-P	12/88	208.0	205.1	206.9	0.1	0.9
Packing, packaging and bottling machinery, excluding parts		333993-1	12/88	198.5	199.0	201.0	1.8	1.0
Parts for packing, packaging, and bottling machinery		333993-5	12/88	254.8	237.1	238.4	-5.5	0.5
Secondary products and miscellaneous receipts		333993-SM						
Miscellaneous receipts		333993-M	12/88	195.8	196.2	196.4	2.8	0.1
Industrial process furnace and oven mfg.	333994		06/81	223.1	223.3	223.1	1.3	-0.1
Primary products		333994-P	06/81	219.0	219.1	218.8	0.9	-0.1
Industrial process furnaces and ovens, & industrial electrical heating equipment		333994-0	12/04	128.3	128.3	128.1	0.9	-0.2
Industrial process furnaces & ovens, and industrial electrical heating equipment, except parts		333994-0A	06/11	108.7	108.7	108.8	2.1	0.1
Parts and attachments for industrial process furnaces and ovens		333994-0B	06/11	104.6	104.6	103.5	-3.6	-1.1
Secondary products and miscellaneous receipts		333994-SM						
Miscellaneous receipts		333994-M	12/86	162.0	162.2	162.4	1.3	0.1
Secondary products		333994-S	06/81	244.9	244.9	244.9	1.4	0.0
Fluid power cylinder and actuator mfg.	333995		06/90	191.4	191.6	191.7	-0.3	0.1
Primary products		333995-P	06/90	187.8	187.8	187.9	-0.3	0.1
Nonaerospace-type hydraulic & all aerospace fluid power cylinders & actuators, linear & rotary		333995-2	06/90	178.3	178.3	178.4	-0.4	0.1
Nonaerospace-type pneumatic fluid power cylinders & actuators, linear & rotary		333995-3	06/90	192.8	192.8	192.8	-0.4	0.0
Parts for hydraulic & pneumatic fluid power cylinders & actuators, incl accumulators & cushions		333995-5Y	06/90	190.6	190.7	190.7	0.1	0.0
Secondary products and miscellaneous receipts		333995-SM						
Miscellaneous receipts		333995-M	06/07	53.5	54.1	54.1	–	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Fluid power pump and motor mfg.	333996		06/90	187.7	187.8	187.5	0.3	-0.2
Primary products		333996-P	06/90	191.1	191.3	191.1	0.2	-0.1
Nonaerospace-type reciprocating fluid power pumps		333996-1	12/97	153.3	153.7	153.2	-0.2	-0.3
Nonaerospace-type rotary and other fluid power pumps		333996-3Y	12/14	94.5	94.5	94.5	-1.0	0.0
Nonaerospace-type fluid power motors		333996-5	12/97	178.7	179.1	179.4	1.9	0.2
Parts for fluid power pumps, motors, and hydrostatic transmissions		333996-9	12/97	153.2	152.8	152.7	0.7	-0.1
Secondary products and miscellaneous receipts		333996-SM						
Miscellaneous receipts		333996-M	06/99	161.3	159.6	159.6	1.1	0.0
Secondary products		333996-S	06/90	157.3	157.3	156.2	–	-0.7
Scale and balance mfg.	333997		12/80	163.5	163.5	163.5	2.1	0.0
Primary products		333997-P	12/80	168.3	168.3	168.3	2.3	0.0
Vehicle and industrial scales		333997-2Z	12/91	139.1	139.1	139.1	0.6	0.0
Motor truck and railroad track scales		333997-2Z1	12/10	102.7	102.7	102.7	0.0	0.0
Industrial scales (including automatic checkweighter and bulkweighter scales)		333997-2Z2	12/10	113.4	113.4	113.4	1.4	0.0
Miscellaneous non-vehicle scales (crane, susp, tank, hopper, meas. devices, lab, bulk conveyr)		333997-2Z3	12/10	102.5	102.5	102.5	0.0	0.0
Retail, commercial, household, and mailing scales		333997-4	12/91	151.3	151.3	151.3	4.4	0.0
Secondary products and miscellaneous receipts		333997-SM						
Miscellaneous receipts		333997-M	12/80	116.6	116.6	116.6	0.3	0.0
All other miscellaneous general purpose machinery mfg.	333999		12/84	226.4	226.3	226.7	1.5	0.2
Primary products		333999-P	12/84	223.4	223.3	223.8	1.5	0.2
Filters and strainers, except fluid power		333999-1	12/88	214.9	214.9	214.8	2.9	0.0
Industrial filters and strainers and reusable media, except fluid power		333999-11	06/07	131.7	131.7	131.7	4.0	0.0
Nonreusable media for filters and strainers, except fluid power		333999-12	12/88	212.7	212.7	212.7	-0.4	0.0
Parts and accessories for filters and strainers, except fluid power		333999-13	12/88	256.2	256.2	250.5	-3.1	-2.2
All other miscellaneous general industrial machinery		333999-7	06/07	122.1	121.9	122.8	0.9	0.7
Secondary products and miscellaneous receipts		333999-SM						
Miscellaneous receipts		333999-M	12/84	291.5	293.2	293.7	2.1	0.2
Secondary products		333999-S	12/84	204.7	204.2	202.9	-0.9	-0.6
Computer & electronic product mfg.	334		12/03	88.7	88.8	88.8	-0.6	0.0
Computer & peripheral equipment mfg.	3341		12/06	59.5	59.9	59.7	-5.1	-0.3
Computer & peripheral equipment mfg.	33411		12/06	59.5	59.9	59.7	-5.1	-0.3
Electronic computer manufacturing	334111		12/04	34.9	35.0	34.9	-3.1	-0.3
Primary products		334111-P	12/04	19.0	19.1	19.0	-3.6	-0.5
Other computers (array, analog, hybrid, special purpose computers)		334111-D	12/04	82.2	–	–	–	–
Host computers, multiusers (mainframes, medium-scale systems, UNIX and PC servers)		334111-1Z	12/04	30.2	30.4	30.4	0.7	0.0
Single user computers, microprocessor based, general purpose		334111-7	06/07	24.5	24.5	24.3	-7.3	-0.8
Portable computers, laptops, PDAs and other single user computers		334111-72	06/07	20.7	20.6	20.2	-9.8	-1.9
Personal computers and workstations (excluding portable computers)		334111-73	06/07	27.8	28.0	28.0	-5.7	0.0
Secondary products and miscellaneous receipts		334111-SM						
Computer storage device mfg.	334112		12/04	57.5	59.2	59.2	1.9	0.0
Primary products		334112-P	12/04	47.4	48.7	48.7	2.1	0.0
Computer storage devices (except parts, attachments and accessories)		334112-1	12/04	46.2	47.8	47.8	3.0	0.0
Secondary products and miscellaneous receipts		334112-SM						
Computer terminal and other computer peripheral equipment mfg.	334118		12/93	63.4	63.9	63.5	-10.2	-0.6
Primary products		334118-P	12/93	62.3	62.8	62.8	-7.6	0.0
Other computer peripheral equipment and point of sale terminals		334118-B	12/93	62.3	62.9	62.9	-7.6	0.0
POS terminals, fund-transfer devices, and all other miscellaneous computer peripheral equipment		334118-B1	12/93	44.6	44.4	44.3	-16.7	-0.2
Parts, attachments, subassemblies, & accessories for POS terminals & other computer peripherals		334118-B2	12/93	113.1	116.1	116.1	4.8	0.0
Secondary products and miscellaneous receipts		334118-SM						
Communications equipment mfg.	3342		12/85	95.6	95.4	95.4	-0.6	0.0
Telephone apparatus mfg.	33421		12/03	87.4	87.3	87.3	0.0	0.0
Telephone apparatus mfg.	334210		12/85	87.8	87.8	87.8	0.1	0.0
Primary products		334210-P	12/85	87.1	87.1	87.1	0.0	0.0
Telephone switching and switchboard equipment		334210-1	12/85	105.7	105.7	105.7	0.5	0.0
Wireline voice and data network equipment		334210-7	12/00	63.0	63.0	63.0	-0.2	0.0
Secondary products and miscellaneous receipts		334210-SM						
Miscellaneous receipts		334210-M	12/85	120.7	120.7	120.7	0.0	0.0
Secondary products		334210-S1	12/13	102.2	102.2	102.2	–	0.0
Radio/TV broadcast & wireless comm equip mfg.	33422		12/03	99.2	98.9	98.8	-1.1	-0.1
Broadcast and wireless communications equipment mfg.	334220		12/91	93.0	92.8	92.7	-1.1	-0.1
Primary products		334220-P	12/91	90.7	90.5	90.5	-0.8	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Broadcast and wireless communications equipment mfg - Continued								
Broadcast, studio, and related electronic equipment		334220-2	12/85	109.8	109.4	109.4	-0.2	0.0
Wireless networking equipment		334220-3Z	06/13	90.1	90.1	89.8	-5.7	-0.3
Radio station equipment		334220-5	06/13	103.8	103.8	103.8	0.4	0.0
Other broadcast and wireless communications systems and equipment		334220-9	06/13	101.3	100.5	100.5	-0.5	0.0
Secondary products and miscellaneous receipts		334220-SM						
Other communications equipment mfg	33429		12/03	111.8	111.8	111.8	0.4	0.0
Other communications equipment manufacturing	334290		12/91	119.9	119.9	119.9	0.4	0.0
Primary products		334290-P	12/91	126.2	126.2	126.2	0.5	0.0
Alarm systems, including electric sirens and horns		334290-1	12/85	122.4	122.4	122.4	0.0	0.0
Intercommunications systems, including inductive paging systems		334290-3	12/85	214.0	214.0	214.0	3.3	0.0
Secondary products and miscellaneous receipts		334290-SM						
Secondary products		334290-S	12/91	133.2	133.2	133.2	0.8	0.0
Audio & video equipment mfg	3343		12/03	82.9	83.1	83.1	0.2	0.0
Audio and video equipment mfg	33431		12/03	82.9	83.1	83.1	0.2	0.0
Audio and video equipment manufacturing	334310		03/80	60.0	60.2	60.2	0.3	0.0
Primary products		334310-P	03/80	53.0	53.2	53.2	0.4	0.0
Speakers and commercial sound equipment		334310-4	03/80	149.8	149.9	149.9	0.7	0.0
Other consumer audio and video equipment		334310-5	03/80	120.4	120.4	–	–	–
Secondary products and miscellaneous receipts		334310-SM						
Semiconductor & oth electronic component mfg	3344		12/84	57.6	57.5	57.4	-1.7	-0.2
Semiconductor & oth electronic component mfg	33441		12/84	57.6	57.5	57.4	-1.7	-0.2
Bare printed circuit board mfg	334412		06/91	100.8	101.1	101.1	0.3	0.0
Primary products		334412-P	06/91	98.3	98.3	98.3	0.1	0.0
Bare printed circuit boards		334412-0	06/82	110.4	110.4	110.4	0.0	0.0
Secondary products and miscellaneous receipts		334412-SM						
Semiconductors and related device mfg	334413		12/98	36.4	36.3	36.2	-4.0	-0.3
Primary products		334413-P	12/98	35.6	35.5	35.4	-4.1	-0.3
Other semiconductor devices, including parts such as chips, wafers, and heat sinks		334413-A	06/81	53.7	53.6	53.3	-7.0	-0.6
Transistors		334413-4	06/81	63.0	–	–	–	–
Secondary products and miscellaneous receipts		334413-SM						
Electronic connector manufacturing	334417		12/80	202.5	202.8	202.6	0.2	-0.1
Primary products		334417-P	12/80	201.0	201.2	201.0	0.3	-0.1
Electronic connectors, including parts		334417-0	12/80	201.0	201.2	201.0	0.3	-0.1
Secondary products and miscellaneous receipts		334417-SM						
Printed circuit assembly mfg	334418		12/03	88.2	88.2	88.2	0.7	0.0
Primary products		334418-P	12/03	87.6	87.6	87.6	0.8	0.0
Printed circuit assemblies, loaded boards, modules, and consumer external modems		334418-9	06/06	94.2	94.2	94.2	0.7	0.0
Secondary products and miscellaneous receipts		334418-SM						
Secondary products		334418-S	12/03	91.7	91.7	91.7	0.0	0.0
Other electronic component mfg	334419		12/03	117.5	117.6	117.7	0.3	0.1
Primary products		334419-P	12/03	120.4	120.4	120.4	0.3	0.0
Other electronic components except electron tubes		334419-U	12/03	120.2	120.2	120.3	0.3	0.1
Crystal, filter, piezoelectric, and other related electronic devices (exc. microwave filters)		334419-U1	06/82	108.0	–	108.0	-0.6	–
Switches, mechanical, for electronic circuitry		334419-U3	06/82	191.7	193.7	193.7	1.0	0.0
Microwave components and devices, except antennae, tubes and semiconductors		334419-U4	12/12	101.3	101.3	101.3	0.1	0.0
All other miscellaneous electronic components		334419-U5	12/03	127.0	126.7	126.8	0.5	0.1
Secondary products and miscellaneous receipts		334419-SM						
Miscellaneous receipts		334419-M	12/03	107.0	108.6	108.6	0.7	0.0
Secondary products		334419-S	12/03	90.9	90.9	90.9	-0.8	0.0
Capacitor, resistor, coil, transformer, and other inductor mfg	33441K		12/11	100.6	101.1	101.1	0.7	0.0
Primary products		33441K-P	12/11	100.4	101.0	101.0	0.7	0.0
Capacitors for electronic circuitry		33441K-4	06/81	111.7	112.8	112.7	-0.6	-0.1
Resistors for electronic circuitry		33441K-5	12/05	107.1	107.1	107.1	1.0	0.0
Electronic coils, transformers, and other inductors		33441K-6	06/00	126.0	126.5	126.7	1.5	0.2
Secondary products and miscellaneous receipts		33441K-SM						
Miscellaneous receipts		33441K-M	12/11	100.5	100.5	100.5	0.5	0.0
Secondary products		33441K-S1	12/13	101.9	101.9	101.9	0.2	0.0
Nav/measuring/medical/control instruments mfg	3345		12/03	117.6	117.7	118.0	1.3	0.3
Nav/measuring/medical/control instruments mfg	33451		12/03	117.6	117.7	118.0	1.3	0.3

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Electromedical apparatus manufacturing	334510		06/85	81.8	81.6	81.7	-0.5	0.1
Primary products		334510-P	06/85	71.0	70.7	70.9	-0.6	0.3
Electromedical equipment, excluding ionizing radiation equipment		334510-1Y	12/02	81.4	81.0	81.2	-0.6	0.2
Secondary products and miscellaneous receipts		334510-SM						
Miscellaneous receipts		334510-M	12/90	141.5	143.7	144.0	1.8	0.2
Search, detection, and navigation instrument mfg	334511		12/91	144.9	144.9	145.9	2.1	0.7
Primary products		334511-P	12/91	140.5	140.5	141.1	1.8	0.4
Aeronautical, nautical & navigational instruments, not sending or receiving radio signals		334511-1	12/85	241.5	241.2	241.4	2.2	0.1
Search, detection, navigation, and guidance systems and equipment		334511-3	12/91	136.3	136.3	136.9	1.8	0.4
Secondary products and miscellaneous receipts		334511-SM						
Miscellaneous receipts		334511-M	12/91	101.9	101.9	106.5	4.6	4.5
Automatic environmental control manufacturing	334512		12/79	234.3	234.2	234.3	1.9	0.0
Primary products		334512-P	12/79	216.3	216.2	216.3	1.6	0.0
Automatic environmental controls for monitoring residential, commercial, and appliance use		334512-0	12/03	115.4	115.4	115.4	1.6	0.0
Secondary products and miscellaneous receipts		334512-SM						
Secondary products		334512-S	12/79	257.3	257.3	257.4	-0.9	0.0
Industrial process variable instruments mfg	334513		06/83	215.2	218.0	217.2	2.0	-0.4
Primary products		334513-P	06/83	226.0	229.3	228.3	2.0	-0.4
Process control instruments		334513-0	12/03	134.9	136.9	136.3	2.0	-0.4
Secondary products and miscellaneous receipts		334513-SM						
Secondary products		334513-S	06/83	145.0	144.9	146.0	-0.1	0.8
Totalizing fluid meters and counting devices mfg	334514		12/85	175.6	175.6	175.8	1.6	0.1
Primary products		334514-P	12/85	177.3	177.3	177.6	1.7	0.2
Integrating and totalizing meters for gas and liquids		334514-1	12/85	207.4	207.4	208.1	1.4	0.3
Counting devices, excluding motor vehicle instruments		334514-3	12/85	193.5	–	193.5	0.3	–
Motor vehicle instruments		334514-7	12/85	121.9	121.9	121.9	2.4	0.0
Secondary products and miscellaneous receipts		334514-SM						
Electricity and signal testing instruments mfg	334515		12/83	165.9	166.1	166.0	-0.4	-0.1
Primary products		334515-P	12/83	161.5	161.6	161.7	-0.3	0.1
Test equipment for testing electrical, radio & communication circuits & motors		334515-4	12/83	164.2	164.4	164.4	-0.5	0.0
Electrical integrating instruments and other instruments to measure electricity		334515-9	06/06	117.6	–	–	–	–
Secondary products and miscellaneous receipts		334515-SM						
Miscellaneous receipts		334515-M	03/87	240.5	242.5	239.1	–	-1.4
Analytical laboratory instrument mfg	334516		12/85	149.1	149.5	149.6	1.8	0.1
Primary products		334516-P	12/85	150.6	150.9	151.0	1.9	0.1
Analytical and scientific instruments		334516-0	12/85	150.6	150.9	151.0	1.9	0.1
Secondary products and miscellaneous receipts		334516-SM						
Secondary products		334516-S	12/85	121.4	123.3	122.9	2.7	-0.3
Irradiation apparatus mfg	334517		06/90	118.8	118.9	118.3	0.1	-0.5
Primary products		334517-P	06/85	119.4	119.6	119.6	0.8	0.0
Irradiation (ionizing radiation) equipment		334517-0	06/85	119.4	119.6	119.6	0.8	0.0
Secondary products and miscellaneous receipts		334517-SM						
Miscellaneous receipts		334517-M	06/90	119.7	119.7	118.3	-0.9	-1.2
Other measuring and controlling device mfg	334519		06/85	163.1	163.9	163.9	1.3	0.0
Primary products		334519-P	06/85	155.7	156.7	156.6	1.7	-0.1
Aircraft engine instruments, except flight		334519-2	06/85	145.8	–	–	–	–
Physical properties testing & inspection equipment and kinematic testing & measuring equipment		334519-4	06/85	151.9	153.6	153.7	1.9	0.1
Nuclear radiation detection and monitoring instruments		334519-5	06/85	183.5	184.9	185.0	4.0	0.1
Commercial, geophysical, meteorological, and general-purpose instruments and equipment		334519-7	06/85	165.8	167.1	166.7	0.4	-0.2
Watches, clocks, and parts		334519-8	12/03	122.6	122.6	122.6	1.0	0.0
Secondary products and miscellaneous receipts		334519-SM						
Miscellaneous receipts		334519-M	06/85	227.4	227.4	227.4	-0.1	0.0
Secondary products		334519-S	06/85	164.9	164.9	164.9	-0.8	0.0
Mfg & reproducing magnetic & optical media	3346		12/03	86.9	84.9	84.8	-2.4	-0.1
Mfg & reproducing magnetic & optical media	33461		12/03	86.9	84.9	84.8	-2.4	-0.1
Magnetic and optical recording media mfg	334613		06/91	56.8	56.8	56.5	-0.5	-0.5
Primary products		334613-P	06/91	59.3	59.3	59.0	-0.5	-0.5
Magnetic and optical recording media		334613-0	06/91	59.3	59.3	59.0	-0.5	-0.5
Software and other prerecorded compact disc, tape, and record reproducing	334614		12/11	100.5	97.3	97.3	-3.2	0.0
Primary products		334614-P	12/11	101.1	101.1	101.1	0.0	0.0
Audio and video media reproduction		334614-2	12/06	98.2	98.2	98.2	0.0	0.0
Audio discs, full-length (including CDs and vinyl records)		334614-21	12/03	100.7	100.7	100.7	0.0	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Software and other prerecorded compact disc, tape, and record reproducing - Continued								
Reproduction of video recording media		334614-23	12/03	87.9	87.9	87.9	0.1	0.0
All other reproduction of audio recording media, including full-length audio cassette tapes		334614-26	12/03	90.6	–	90.6	0.0	–
Secondary products and miscellaneous receipts		334614-SM						
Miscellaneous receipts		334614-M	12/11	88.3	–	–	–	–
Electrical equipment and appliance mfg	335		12/03	137.3	136.8	137.1	-0.8	0.2
Electric lighting equipment mfg	3351		12/03	119.5	118.5	119.2	-0.3	0.6
Electric lamp bulb & part mfg	33511		12/03	97.8	92.7	96.3	-3.4	3.9
Electric lamp bulb and part mfg	335110		12/83	107.6	102.0	105.9	-3.5	3.8
Primary products		335110-P	12/83	105.1	98.4	103.0	-3.9	4.7
Electric lamp bulbs and tubes (including sealed beam lamp bulbs)		335110-1Z	12/04	98.3	91.9	96.2	-4.5	4.7
Secondary products and miscellaneous receipts		335110-SM						
Lighting fixture mfg	33512		12/03	124.8	124.6	124.8	0.2	0.2
Residential electric lighting fixture mfg	335121		12/83	184.6	184.4	184.5	0.2	0.1
Primary products		335121-P	12/83	184.0	183.8	184.5	0.4	0.4
Residential-type electric lighting fixtures (except portable), including parts and accessories		335121-1	12/83	177.3	177.3	178.0	1.2	0.4
Residential-type portable lighting fixtures, including parts and accessories		335121-4	12/83	195.2	194.0	195.2	-1.5	0.6
Secondary products and miscellaneous receipts		335121-SM						
Secondary products		335121-S	12/83	231.9	232.2	218.6	-4.1	-5.9
Nonresidential electric lighting fixture mfg	335122		06/81	187.8	187.3	188.1	-0.2	0.4
Primary products		335122-P	06/81	186.9	186.3	187.1	-0.3	0.4
Commercial and institutional-type electric lighting fixtures, including parts and accessories		335122-1	06/81	181.9	181.4	182.2	-0.5	0.4
Industrial-type electric lighting fixtures, including parts and accessories		335122-2Z	06/81	197.5	196.6	197.4	1.1	0.4
Secondary products and miscellaneous receipts		335122-SM						
Other lighting equipment mfg	335129		06/85	143.5	143.4	143.5	0.6	0.1
Primary products		335129-P	06/85	140.1	139.9	140.2	0.7	0.2
Outdoor lighting equipment (including parts and accessories)		335129-1	06/85	163.0	163.0	163.6	1.5	0.4
All other miscellaneous electric and nonelectric lighting equipment, incl parts and accessories		335129-4	06/85	109.0	108.7	108.7	-0.6	0.0
Secondary products and miscellaneous receipts		335129-SM						
Miscellaneous receipts		335129-M	05/89	152.4	152.4	152.4	–	0.0
Secondary products		335129-S	06/85	152.0	152.0	150.2	0.1	-1.2
Household appliance mfg	3352		12/84	122.8	121.9	122.0	-0.7	0.1
Small electrical appliance mfg	33521		12/03	105.6	105.9	105.9	0.5	0.0
Small electrical appliance mfg	335210		12/11	96.0	96.2	96.2	0.4	0.0
Primary products		335210-P	12/11	96.6	96.7	96.7	0.3	0.0
Electric housewares and household fans		335210-1	12/82	115.6	115.5	115.6	0.1	0.1
Electric fans, except industrial-type		335210-11	12/82	154.2	154.2	154.2	0.0	0.0
Small electric household appliances, except fans and wall and baseboard heating units		335210-14	12/82	94.5	94.4	94.5	0.1	0.1
Parts and attachments for small household electric appliances		335210-15	12/82	140.8	141.3	142.0	0.8	0.5
Household vacuum cleaners, floor waxing, polishing machines and parts		335210-2	12/82	103.8	104.2	104.1	0.9	-0.1
Secondary products and miscellaneous receipts		335210-SM						
Miscellaneous receipts		335210-M	01/86	100.1	100.8	100.8	0.7	0.0
Secondary products		335210-S	12/82	177.8	177.8	177.8	0.1	0.0
Major household appliance mfg	33522		12/03	123.1	121.9	122.1	-0.9	0.2
Major household appliance mfg	335220		05/16	–	99.6	99.7	–	0.1
Primary products		335220-P	05/16	–	99.5	99.7	–	0.2
Household cooking appliances		335220-1	06/81	124.1	123.1	122.1	-1.6	-0.8
Electric household ranges, ovens (including microwave), surface cooking units, and equipment		335220-11	06/81	104.2	–	100.7	-2.3	–
Gas household ranges, ovens, surface cooking units, and equipment (incl. parts and accessories)		335220-13	06/81	130.9	133.0	132.0	-1.0	-0.8
Other household ranges and cooking equipment, including outdoor equipment		335220-15	06/81	174.0	177.1	173.4	-0.5	-2.1
Household refrigerators and home freezers		335220-2	12/81	103.8	–	102.9	-1.7	–
Household refrigerators, including combination refrigerator-freezers		335220-21	12/81	98.2	–	97.3	-1.2	–
Parts and attachments for household refrigerators and freezers		335220-23	11/99	107.2	–	–	–	–
Household laundry equipment and parts		335220-4	12/79	134.9	–	–	–	–
Other major household appliances		335220-8	12/82	212.2	212.3	211.0	-0.2	-0.6
Household water heaters, electric, for permanent installation		335220-81	12/82	334.5	334.4	334.4	1.3	0.0
Household water heaters, except electric		335220-83	12/82	359.1	359.1	359.1	1.3	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Major household appliance mfg - Continued								
Secondary products and miscellaneous receipts		335220-SM						
Miscellaneous receipts		335220-M	05/16	–	100.0	100.2	–	0.2
Secondary products		335220-S	05/16	–	100.0	100.0	–	0.0
Electrical equipment mfg	3353		12/03	139.7	139.6	140.1	0.0	0.4
Electrical equipment mfg	33531		12/03	139.7	139.6	140.1	0.0	0.4
Electric power and specialty transformer mfg	335311		06/81	227.7	227.5	228.2	-1.2	0.3
Primary products		335311-P	06/81	222.7	222.5	223.3	-2.6	0.4
Power and distribution transformers, except parts		335311-1	12/99	176.5	176.4	177.2	-3.3	0.5
Specialty transformers, except fluorescent lamp ballasts		335311-3Z	06/81	112.8	112.8	112.5	-0.5	-0.3
Secondary products and miscellaneous receipts		335311-SM						
Motor and generator mfg	335312		06/83	204.3	203.9	204.7	-0.8	0.4
Primary products		335312-P	06/83	202.0	201.6	202.5	-0.8	0.4
Parts, supplies for motors, generators, generator sets, and other rotating equipment		335312-C	12/87	210.4	210.4	210.4	0.0	0.0
Other motors and generators n.e.c.		335312-F	06/06	117.2	117.2	117.2	-2.8	0.0
Fractional horsepower motors (rated at less than 746 watts) (except hermetics)		335312-1	06/83	181.2	181.1	181.4	0.3	0.2
Integral horsepower motors & generators other than for land transport equipment (exc hermetics)		335312-3	06/83	250.9	249.2	253.4	1.2	1.7
Secondary products and miscellaneous receipts		335312-SM						
Miscellaneous receipts		335312-M	12/86	200.7	200.6	200.7	-0.5	0.0
Secondary products		335312-S	06/83	218.4	218.1	218.1	0.1	0.0
Switchgear and switchboard apparatus mfg	335313		06/85	198.9	199.0	199.9	1.0	0.5
Primary products		335313-P	06/85	200.4	200.4	201.5	1.1	0.5
Switchgear, except relays and ducts 1000 volts or less		335313-A	06/85	211.5	213.7	213.4	0.4	-0.1
Low voltage panelboards and distribution boards, 1000 volts or less		335313-3	06/85	180.6	178.6	181.4	2.4	1.6
Secondary products and miscellaneous receipts		335313-SM						
Relay and industrial control mfg	335314		06/85	206.3	206.3	206.8	0.6	0.2
Primary products		335314-P	06/85	216.3	216.3	216.7	0.5	0.2
Relays for electronic circuitry, industrial control overload and switchgear type		335314-1	06/90	190.1	190.0	190.0	-1.8	0.0
Specific-purpose industrial controls		335314-3Z	06/85	175.6	175.6	175.6	1.1	0.0
General-purpose industrial controls		335314-6Z	06/85	241.6	241.6	242.4	0.1	0.3
Parts for industrial controls and motor-control accessories		335314-7	06/90	192.5	192.5	192.7	1.8	0.1
Secondary products and miscellaneous receipts		335314-SM						
Miscellaneous receipts		335314-M	06/85	235.1	235.1	235.6	1.4	0.2
Other electrical equipment & component mfg	3359		12/03	150.8	150.4	150.4	-1.8	0.0
Battery mfg	33591		12/03	148.8	148.9	149.4	-0.7	0.3
Storage battery mfg	335911		12/84	199.9	200.0	200.2	-1.0	0.1
Primary products		335911-P	12/84	200.4	200.5	200.8	-1.2	0.1
Storage batteries, lead acid type, BCI dimensional size group 8D or smaller		335911-1	12/84	196.1	196.3	196.6	-1.1	0.2
Storage batteries, lead acid type, larger than BCI dimensional size group 8D		335911-4	12/84	228.5	228.4	228.5	-2.4	0.0
Storage batteries (except lead acid), including parts for all storage batteries		335911-7	02/85	203.2	203.2	203.2	0.3	0.0
Secondary products and miscellaneous receipts		335911-SM						
Secondary products		335911-S	12/84	215.2	–	–	–	–
Primary battery mfg	335912		12/80	192.4	–	194.3	-0.1	–
Primary products		335912-P	12/80	196.9	–	198.9	-0.1	–
Primary batteries		335912-0	06/03	117.7	–	118.8	-0.2	–
Round, prismatic, button and coin primary battery cells, including parts		335912-04	06/03	117.7	–	118.8	-0.2	–
Communication & energy wire & cable mfg	33592		12/03	165.5	165.4	165.0	-2.7	-0.2
Fiber optic cable mfg	335921		12/03	82.0	81.5	81.4	-0.2	-0.1
Primary products		335921-P	12/03	81.1	81.0	81.2	0.7	0.2
Fiber optic cable		335921-0	12/03	81.1	81.0	81.2	0.7	0.2
Secondary products and miscellaneous receipts		335921-SM						
Other communication and energy wire mfg	335929		12/03	184.6	184.5	184.0	-3.0	-0.3
Primary products		335929-P	12/03	190.6	190.5	190.3	-3.1	-0.1
Electronic wire and cable, made of nonferrous metals (purchased wire)		335929-A	12/82	251.0	249.4	250.3	-0.8	0.4
Telephone and telegraph wire and cable, made of nonferrous metals (purchased wire)		335929-B	12/82	435.5	439.8	433.8	-4.2	-1.4
Other insulated wire & cable, incl control & signal, made of nonferrous metals (purchased wire)		335929-F	12/11	96.1	94.9	94.8	-4.0	-0.1
Power wire and cable, made from nonferrous metals (purchased wire)		335929-1	12/82	221.3	223.3	222.5	-5.4	-0.4
Secondary products and miscellaneous receipts		335929-SM						
Wiring device mfg	33593		12/03	153.0	154.4	154.4	-1.3	0.0
Current-carrying wiring device mfg	335931		12/81	198.1	198.4	198.3	-2.3	-0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Current-carrying wiring device mfg - Continued								
Primary products		335931-P	12/81	190.3	190.7	190.6	-3.1	-0.1
Current-carrying wiring devices, n.e.c.		335931-A	06/06	107.0	107.0	107.1	-2.8	0.1
Current-carrying switches for electrical circuitry (including vehicular switches)		335931-5Z	12/99	149.5	149.5	149.2	-1.8	-0.2
Current-carrying wire connectors for electrical circuitry		335931-9	12/81	182.1	183.2	183.2	-4.9	0.0
Secondary products and miscellaneous receipts		335931-SM						
Secondary products		335931-S	12/81	237.0	236.6	236.6	2.7	0.0
Noncurrent-carrying wiring device mfg.	335932		12/81	315.7	321.6	321.8	0.1	0.1
Primary products		335932-P	12/81	309.8	316.6	316.6	0.2	0.0
Noncurrent-carrying electrical conduit and conduit fittings, incl. plastic conduit & fittings		335932-3Z	12/81	312.4	326.7	327.0	0.8	0.1
Other noncurrent-carrying wiring devices and supplies (boxes,covers, bar hangers, etc.)		335932-6	12/81	332.1	333.5	333.1	0.2	-0.1
Secondary products and miscellaneous receipts		335932-SM						
Miscellaneous receipts		335932-M	12/86	377.7	370.8	376.3	-2.2	1.5
All other electrical equipment & component mfg.	33599		12/03	120.8	118.6	118.6	-1.9	0.0
Carbon and graphite product mfg.	335991		06/85	156.1	142.6	142.8	-9.9	0.1
Primary products		335991-P	06/85	159.6	144.5	144.5	-10.5	0.0
Carbon and graphite electrodes for electric furnaces and electrolytic cell use		335991-1	06/85	–	126.3	126.3	-21.6	0.0
All other carbon and graphite products		335991-3	12/03	135.9	136.1	136.1	0.8	0.0
Secondary products and miscellaneous receipts		335991-SM						
Miscellaneous electrical equipment mfg.	335999		12/03	116.0	116.2	116.2	0.5	0.0
Primary products		335999-P	12/03	114.5	114.8	114.8	0.6	0.0
Rectifying apparatus		335999-3	12/85	145.5	146.1	146.3	2.7	0.1
All miscellaneous electrical equipment except rectifying apparatus		335999-4	06/08	103.4	103.6	103.6	-0.1	0.0
Secondary products and miscellaneous receipts		335999-SM						
Secondary products		335999-S	12/03	119.5	119.5	119.5	0.6	0.0
Transportation equipment manufacturing	336		12/03	120.0	119.9	119.5	0.3	-0.3
Motor vehicle manufacturing	3361		12/03	111.1	110.7	109.7	-0.4	-0.9
Automobile and light truck manufacturing	33611		12/03	108.8	108.4	107.4	-0.5	-0.9
Automobile, light truck and utility vehicle mfg.	336110		06/82	149.8	149.2	147.8	-0.5	-0.9
Primary products		336110-P	06/82	148.3	147.6	146.2	-0.6	-0.9
Passenger cars and chassis		336110-1	06/82	132.9	132.9	131.8	-0.2	-0.8
Trucks, truck tractors, & bus chassis 14,000 lb or less, incl. minivans & suvs		336110-2	06/82	170.3	169.3	167.6	-0.8	-1.0
Secondary products and miscellaneous receipts		336110-SM						
Heavy duty truck manufacturing	33612		12/03	144.2	144.3	144.1	1.3	-0.1
Heavy duty truck mfg.	336120		12/03	144.3	144.3	144.2	1.3	-0.1
Primary products		336120-P	12/03	145.5	145.5	145.4	1.4	-0.1
Trucks, truck tractors, and bus chassis (chassis of own manufacture) 14,001 to 33,000 lb		336120-1	12/03	151.7	151.7	151.7	0.5	0.0
Trucks, truck tractors, and bus chassis (chassis of own manufacture) 33,001 lb or more		336120-2	06/87	208.4	208.8	208.7	2.1	0.0
Buses, including military and firefighting vehicles (chassis of own manufacture)		336120-3	12/03	125.8	125.5	125.0	0.4	-0.4
Secondary products and miscellaneous receipts		336120-SM						
Motor vehicle body and trailer manufacturing	3362		12/03	135.2	135.1	135.4	0.9	0.2
Motor vehicle body and trailer manufacturing	33621		12/03	135.4	135.4	135.7	0.9	0.2
Motor vehicle body mfg.	336211		12/82	236.9	237.1	237.9	0.9	0.3
Primary products		336211-P	12/82	233.2	233.3	234.2	1.0	0.4
Van bodies, sold separately		336211-4	12/08	105.1	105.1	105.7	1.9	0.6
Van bodies, walk-in, sold separately		336211-41	09/15	100.7	100.7	100.7	–	0.0
Van bodies, separate cab, sold separately		336211-42	09/15	102.0	102.0	103.1	–	1.1
Other truck and vehicle bodies, sold separately		336211-5	12/08	108.2	108.3	108.6	0.7	0.3
Dump truck bodies, sold separately		336211-5A	12/08	104.9	105.1	105.9	0.2	0.8
All other truck and vehicle bodies, sold separately		336211-5B	12/08	108.6	108.7	109.0	0.9	0.3
Service truck bodies, sold separately		336211-5C	09/15	100.2	100.2	100.2	–	0.0
Buses and firefighting vehicles, complete, produced on purchased chassis		336211-7	12/08	113.9	113.9	114.5	2.5	0.5
Other trucks and vehicles, complete, produced on purchased chassis		336211-9	12/08	111.7	111.8	112.2	0.6	0.4
Other trucks and vehicles, complete, produced on purchased chassis, except upfitting trucks		336211-91	09/15	100.1	100.1	100.7	–	0.6
Upfitting trucks, complete, produced on purchased chassis		336211-99	09/15	100.3	100.3	100.3	–	0.0
Secondary products and miscellaneous receipts		336211-SM						
Secondary products		336211-S	12/82	199.9	201.5	201.5	0.8	0.0
Truck trailer mfg.	336212		12/79	229.1	227.0	228.4	0.0	0.6
Primary products		336212-P	12/79	226.6	224.3	225.8	0.0	0.7
Truck trailers and chassis, axle rating 10,000 lbs or more		336212-1	12/79	223.2	220.8	221.9	-0.2	0.5

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Truck trailer mfg - Continued								
Truck trailers and chassis, axle rating less than 10,000 lbs.		336212-3	11/84	242.7	–	247.9	2.1	–
Secondary products and miscellaneous receipts.		336212-SM						
Secondary products.		336212-S	12/79	245.4	245.4	245.4	0.5	0.0
Motor home mfg.	336213		06/84	182.4	183.7	183.6	2.0	-0.1
Primary products.		336213-P	06/84	179.4	180.8	180.7	1.9	-0.1
Motor homes built on purchased chassis.		336213-0	06/06	107.0	107.8	107.7	1.9	-0.1
Secondary products and miscellaneous receipts.		336213-SM1						
Travel trailer and camper mfg.	336214		12/03	136.5	136.7	136.6	1.0	-0.1
Primary products.		336214-P	12/03	136.7	136.9	136.8	1.1	-0.1
Travel trailers.		336214-1	06/84	183.5	183.8	183.8	0.9	0.0
Conventional travel trailers.		336214-16Z	12/11	108.1	108.3	108.3	0.4	0.0
Fifth wheel travel trailers.		336214-17Z	12/11	117.7	118.0	117.9	2.0	-0.1
Automobile and light truck trailers.		336214-3	12/92	168.5	168.6	168.4	0.3	-0.1
Camping trailers, campers, pick-up covers, and parts.		336214-5	06/84	229.2	229.5	229.5	3.2	0.0
Other parts and components, excluding appliances and furnishings.		336214-53	06/84	206.1	206.1	206.1	5.2	0.0
Truck campers, caps, box covers, and folddown camping trailers.		336214-56	06/14	105.4	105.7	105.7	2.2	0.0
Secondary products and miscellaneous receipts.		336214-SM						
Miscellaneous receipts.		336214-M	04/85	204.6	203.6	203.6	-0.5	0.0
Secondary products.		336214-S	06/84	187.2	187.2	187.2	0.0	0.0
Motor vehicle parts manufacturing.	3363		12/03	112.2	112.0	112.1	-0.9	0.1
Motor vehicle gasoline engine and parts mfg.	33631		12/03	113.6	114.0	114.3	0.4	0.3
Motor vehicle gasoline engine and engine parts mfg.	336310		12/03	114.0	114.5	114.7	0.3	0.2
Primary products.		336310-P	12/03	114.5	114.7	115.0	0.3	0.3
Carburetors, pistons, piston rings, and valves.		336310-1	12/82	163.4	163.7	163.6	-0.5	-0.1
Gasoline engines and engine parts (excluding carburetors).		336310-2	12/03	114.5	114.6	115.0	0.3	0.3
Gasoline engine and engine parts, new.		336310-21	12/88	108.8	109.0	109.3	0.3	0.3
Secondary products and miscellaneous receipts.		336310-SM						
Secondary products.		336310-S	12/11	102.1	104.3	103.9	–	-0.4
Motor vehicle electric equipment.	33632		12/03	107.5	107.2	107.1	-0.6	-0.1
Motor vehicle electrical and electronic equipment mfg.	336320		12/03	107.1	106.8	106.7	-0.6	-0.1
Primary products.		336320-P	12/03	101.6	101.5	101.4	-0.9	-0.1
Vehicular lighting equipment.		336320-1	12/83	131.9	131.9	132.0	-0.4	0.1
Other motor vehicle electrical and electronic equipment.		336320-2	12/03	99.5	99.3	99.2	-1.0	-0.1
Ignition wiring harness and cable sets.		336320-21	12/82	125.9	125.9	125.7	–	-0.2
Battery charging alternators, generators, and regulators.		336320-23	12/82	122.2	122.5	122.5	-2.6	0.0
Parts for electrical and electronic engine equipment.		336320-2A	12/82	148.5	148.5	148.5	0.7	0.0
All other miscellaneous non-engine electrical and electronic equipment.		336320-2D	12/03	101.5	100.8	100.8	-0.7	0.0
All other miscellaneous complete engine electrical equipment, including spark plugs.		336320-2U	12/82	111.7	112.3	111.9	-2.3	-0.4
Secondary products and miscellaneous receipts.		336320-SM						
Miscellaneous receipts.		336320-M	12/03	134.3	132.0	131.9	-0.2	-0.1
Secondary products.		336320-S	12/03	109.7	109.7	109.8	1.9	0.1
Motor vehicle steering and suspension parts.	33633		12/03	103.5	103.3	104.2	-1.3	0.9
Motor vehicle steering and suspension parts.	336330		12/03	103.3	103.1	104.0	-1.3	0.9
Primary products.		336330-P	12/03	101.4	101.2	102.1	-1.3	0.9
Motor vehicle steering and suspension components, new and rebuilt.		336330-0	12/99	101.2	101.1	101.9	-1.3	0.8
Secondary products and miscellaneous receipts.		336330-SM						
Secondary product.		336330-S	12/03	115.9	115.8	116.9	-2.2	0.9
Motor vehicle brake system manufacturing.	33634		12/03	106.5	106.2	106.1	-1.1	-0.1
Motor vehicle brake system mfg.	336340		12/03	106.5	106.2	106.1	-1.0	-0.1
Primary products.		336340-P	12/03	105.0	104.7	104.6	-1.3	-0.1
Motor vehicle brake parts and assemblies, new.		336340-1	12/88	110.9	110.6	110.4	-1.3	-0.2
Motor vehicle drum brake assemblies and parts, new.		336340-18Y	12/05	93.9	93.1	94.1	-3.3	1.1
Motor vehicle disc brake assemblies and parts, new.		336340-19Y	12/11	101.6	101.6	101.6	-0.2	0.0
Other motor vehicle brake parts and assemblies, new.		336340-1AZ	12/99	99.1	98.8	98.0	-1.8	-0.8
Secondary products and miscellaneous receipts.		336340-SM						
Motor vehicle power train components mfg.	33635		12/03	122.3	122.7	122.3	0.1	-0.3
Motor vehicle power train components mfg.	336350		12/03	120.8	121.3	120.8	0.1	-0.4
Primary products.		336350-P	12/03	116.0	116.5	116.0	-0.1	-0.4
Motor vehicle drive train components, new.		336350-1	12/88	119.1	119.7	119.2	-0.2	-0.4
Motor vehicle transmissions (except auxiliary and parts), new.		336350-10	06/12	104.9	106.0	105.2	0.0	-0.8
Parts for manual and automatic transmissions, new.		336350-13	12/88	106.8	106.8	106.6	-0.3	-0.2
Other motor vehicle drive train components, except wheels and brakes, new.		336350-15	12/99	94.0	–	93.5	-1.6	–

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Motor vehicle power train components mfg - Continued								
Motor vehicle drive train components, rebuilt		336350-3	12/03	119.2	119.2	119.2	4.7	0.0
Secondary products and miscellaneous receipts		336350-SM						
Miscellaneous receipts		336350-M	12/03	337.9	–	337.9	0.0	–
Motor vehicle seating and interior trim mfg	33636		12/03	103.7	103.7	103.7	0.5	0.0
Motor vehicle seating and interior trim mfg	336360		12/03	103.6	103.7	103.7	0.6	0.0
Primary products		336360-P	12/03	103.1	103.1	103.1	0.4	0.0
Automobile trimmings		336360-1	12/03	98.6	98.9	98.9	-0.1	0.0
Secondary products and miscellaneous receipts		336360-SM						
Secondary products		336360-S	12/03	108.4	108.1	108.1	-0.5	0.0
Motor vehicle metal stamping	33637		12/03	112.7	110.4	111.4	-3.7	0.9
Motor vehicle metal stamping	336370		12/82	123.4	120.9	122.1	-3.6	1.0
Primary products		336370-P	12/82	118.5	114.9	115.9	-3.9	0.9
Automotive job stampings (truck, bus, and passenger car)		336370-0	12/82	118.5	114.9	115.9	-3.9	0.9
Secondary products and miscellaneous receipts		336370-SM						
Miscellaneous receipts		336370-M	06/98	92.2	149.7	154.4	1.8	3.1
Secondary products		336370-S	12/82	130.2	130.2	130.6	-1.9	0.3
Other motor vehicle parts manufacturing	33639		12/03	111.1	110.8	110.7	-1.6	-0.1
Other motor vehicle parts mfg	336390		12/03	113.3	113.0	112.9	-1.6	-0.1
Primary products		336390-P	12/03	112.5	112.1	112.1	-1.8	0.0
All other motor vehicle parts		336390-9	12/03	112.3	111.8	111.8	-1.9	0.0
Filters, new, internal combustion engines and motor vehicles		336390-91	12/82	142.8	142.8	142.8	0.6	0.0
Exhaust system parts, new		336390-93	12/88	133.5	130.4	130.3	-6.4	-0.1
All other motor vehicle parts and accessories incl. trailer hitches		336390-97	12/03	109.4	109.5	109.4	-0.2	-0.1
Secondary products and miscellaneous receipts		336390-SM						
Miscellaneous receipts		336390-M	12/11	103.6	103.8	103.8	0.1	0.0
Secondary products		336390-S	12/11	99.1	99.1	99.1	0.9	0.0
Aerospace product and parts manufacturing	3364		06/85	227.4	228.3	228.4	1.9	0.0
Aerospace product and parts manufacturing	33641		06/85	227.4	228.3	228.4	1.9	0.0
Aircraft mfg	336411		12/85	234.2	235.5	235.6	1.9	0.0
Primary products		336411-P	12/85	227.3	227.9	228.0	0.8	0.0
Military aircraft		336411-2Y	06/13	101.8	101.8	101.8	0.5	0.0
Civilian aircraft		336411-3	12/85	265.9	267.0	267.2	0.8	0.1
Modification, conversion, and overhaul of previously accepted aircraft		336411-5	12/85	134.0	134.0	134.0	2.1	0.0
Secondary products and miscellaneous receipts		336411-SM						
Aircraft engine and engine parts mfg	336412		12/85	222.4	222.9	223.1	2.2	0.1
Primary products		336412-P	12/85	225.9	226.6	226.8	1.5	0.1
Military aircraft engines		336412-1	12/85	158.2	158.2	158.3	1.5	0.1
Civilian aircraft engines		336412-3	12/85	255.6	255.6	256.1	1.5	0.2
Aeronautical services on aircraft engines		336412-5	12/85	198.0	200.5	200.4	2.4	0.0
Aircraft engine parts and accessories		336412-7	12/85	238.5	239.1	239.1	1.1	0.0
Parts and accessories for military aircraft engines		336412-75	12/11	111.4	111.4	111.4	0.6	0.0
Parts and accessories for civilian aircraft engines		336412-77	12/11	106.7	107.1	107.1	1.3	0.0
Secondary products and miscellaneous receipts		336412-SM						
Miscellaneous receipts		336412-M	08/94	171.7	168.5	167.1	10.2	-0.8
Secondary products		336412-S	12/85	202.4	204.9	206.2	0.9	0.6
Other aircraft parts and equipment mfg	336413		06/85	182.2	182.4	182.2	1.5	-0.1
Primary products		336413-P	06/85	179.1	179.2	179.1	0.9	-0.1
Aircraft propellers and helicopter rotors		336413-1	12/91	189.6	189.7	189.7	2.7	0.0
Aircraft parts and auxiliary equipment		336413-6Z	06/85	172.8	173.0	172.9	0.6	-0.1
Aircraft landing gear for civilian and military aircraft		336413-6Z2	06/08	139.2	139.5	139.5	4.0	0.0
Other aircraft subassemblies and parts for military aircraft		336413-6Z3	06/08	115.4	115.9	115.9	1.3	0.0
Other aircraft subassemblies and parts for civilian aircraft		336413-6Z4	06/08	102.8	102.6	102.5	-0.6	-0.1
Secondary products and miscellaneous receipts		336413-SM						
Secondary products		336413-S	06/85	211.2	–	–	–	–
Railroad rolling stock manufacturing	3365		06/84	189.9	190.0	190.1	0.7	0.1
Railroad rolling stock manufacturing	33651		06/84	189.9	190.1	190.1	0.7	0.0
Railroad rolling stock mfg	336510		06/84	189.8	189.9	190.0	0.7	0.1
Primary products		336510-P	06/84	195.2	195.5	195.5	0.9	0.0
Locomotives, new and rebuilt, including parts		336510-2Z	06/84	171.5	–	–	–	–
Passenger and freight train cars, new (excluding parts)		336510-3Z	06/84	233.3	231.8	231.8	-0.5	0.0
Street, subway, trolley, and rapid transit cars, and railway maintenance equipment and parts		336510-5	06/84	160.9	160.8	160.9	0.0	0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Railroad rolling stock mfg - Continued								
Street, subway, trolley, & rapid transit cars (new & rebuilt) & rebuilt passenger/freight cars		336510-53	12/01	112.2	–	–	–	–
Railway maintenance of way equipment & parts, parts for all railcars, & other railway vehicles		336510-54	06/84	159.0	158.8	158.9	0.0	0.1
Air brake and other brake equipment		336510-541	06/84	122.5	–	122.5	-1.8	–
Railway maintenance of way & all other railroad and streetcar equipment, parts and accessories		336510-542	06/84	162.7	162.5	162.6	0.2	0.1
Secondary products and miscellaneous receipts		336510-SM						
Miscellaneous receipts		336510-M	06/84	–	–	135.5	–	–
Secondary products		336510-S1	12/11	–	99.0	99.0	–	0.0
Ship and boat building	3366		12/84	222.0	221.7	222.5	0.8	0.4
Ship and boat building	33661		12/84	222.0	221.7	222.6	0.9	0.4
Ship building and repairing	336611		12/85	204.4	203.8	204.5	0.0	0.3
Primary products		336611-P	12/85	202.7	202.1	202.3	-1.0	0.1
Ship repair, nonmilitary		336611-A	12/85	198.1	198.1	200.4	1.8	1.2
Nonpropelled ships, new construction		336611-1	12/85	163.8	163.8	164.5	-1.4	0.4
Military self-propelled ships, new construction		336611-3Z	12/85	186.0	184.7	184.7	-1.2	0.0
Nonmilitary self-propelled ships, new construction		336611-6Z	12/85	347.9	347.9	347.9	0.1	0.0
Ship repair, military		336611-8	12/85	190.7	190.7	190.7	-2.1	0.0
Secondary products and miscellaneous receipts		336611-SM						
Boat building	336612		12/81	268.6	269.1	270.1	2.1	0.4
Primary products		336612-P	12/81	266.6	267.2	268.2	2.2	0.4
Outboard motorboats, including commercial and military (except sailboats and lifeboats)		336612-1	12/81	305.1	305.4	306.9	1.7	0.5
Outboard motorboats, wood or metal, incl. comm. and military (exc. sailboats and lifeboats)		336612-11	06/11	116.4	116.5	116.9	0.5	0.3
Outboard motorboats, plastics/fiberglass, incl. comm. and mil. (exc. sailboats and lifeboats)		336612-14	06/11	116.3	116.4	117.2	2.6	0.7
Inboard motorboats, including commercial and military (except sailboats and lifeboats)		336612-3	12/81	268.1	268.5	270.3	3.4	0.7
Inboard cabin cruisers, including commercial and military (except sailboats and lifeboats)		336612-31	06/11	110.1	110.3	111.0	2.7	0.6
Other inboard motorboats, including commercial and military (except sailboats and lifeboats)		336612-32	06/11	114.0	114.0	114.8	4.2	0.7
Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats)		336612-5	12/81	219.7	220.3	220.3	1.1	0.0
Inboard-outdrive boats, cabin cruisers, incl. comm. and military (exc. sailboats and lifeboats)		336612-51	06/11	108.6	109.0	110.1	1.5	1.0
All other inboard-outdrive boats, incl. comm. and military (except sailboats and lifeboats)		336612-52	06/11	105.4	105.7	105.4	1.0	-0.3
All other boats (excluding military and commercial)		336612-8	12/81	228.9	231.7	230.8	3.5	-0.4
Secondary products and miscellaneous receipts		336612-SM						
Miscellaneous receipts		336612-M	12/88	248.3	248.3	248.3	0.5	0.0
Secondary products		336612-S	12/81	281.2	281.2	281.2	4.9	0.0
Other transportation equipment manufacturing	3369		12/03	112.1	112.3	112.5	1.6	0.2
Other transportation equipment manufacturing	33699		12/03	112.1	112.3	112.5	1.6	0.2
Motorcycle, bicycle, and parts mfg.	336991		12/84	147.2	147.5	147.5	2.4	0.0
Primary products		336991-P	12/84	152.0	152.1	152.1	1.6	0.0
Bicycles, including parts (excluding children's 2-wheel sidewalk cycles)		336991-2Z	12/84	130.4	130.4	130.4	0.4	0.0
Cycles, all types, tubular construction		336991-2Z102	12/98	122.3	122.3	122.3	0.5	0.0
Parts for bicycles, unicycles, and adult tricycles		336991-2Z105	12/84	122.3	122.3	122.3	-0.1	0.0
Motorcycles, including three-wheel motorbikes, motorscooters, mopeds, and parts		336991-3	12/84	175.2	175.4	175.4	1.8	0.0
Secondary products and miscellaneous receipts		336991-SM						
Secondary products		336991-S	12/84	145.1	145.1	145.1	1.2	0.0
All other transportation equipment mfg.	336999		12/03	110.2	110.3	110.8	1.0	0.5
Primary products		336999-P	12/03	109.0	108.8	109.4	0.9	0.6
Self-propelled golf carts and industrial in-plant personnel carriers and parts		336999-1	06/85	–	–	199.3	–	–
All-terrain vehicles and parts		336999-4	06/08	97.0	–	97.6	0.5	–
All other miscellaneous transportation equipment		336999-6	06/08	104.0	104.0	104.0	0.0	0.0
Secondary products and miscellaneous receipts		336999-SM						
Miscellaneous receipts		336999-M	12/03	107.8	–	–	–	–
Furniture & related product mfg.	337		12/84	195.3	195.3	195.4	0.6	0.1
HH & institutional furniture & kitchen cabinet mfg.	3371		12/84	190.5	191.0	190.9	1.0	-0.1
Wood kitchen cabinet & countertop mfg.	33711		12/03	127.7	128.2	128.1	1.2	-0.1
Wood kitchen cabinet and countertop mfg.	337110		06/84	215.6	216.4	216.2	1.2	-0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Wood kitchen cabinet and countertop mfg - Continued								
Primary products		337110-P	12/03	128.1	128.6	128.5	1.2	-0.1
Wood and plastics laminated wood bathroom vanity tops		337110-F	12/03	183.2	–	–	–	–
Custom wood kitchen cabinets, bathroom vanities, and related cabinet sold directly to customers		337110-H	03/04	114.6	114.8	114.6	1.1	-0.2
Stock wood kitchen cabinets and related cabinetwork for permanent installation		337110-1	06/84	221.0	220.9	220.9	0.2	0.0
Custom wood kitchen cabinets and related cabinetwork not sold direct to customer at retail		337110-4	06/84	239.5	242.7	242.2	3.0	-0.2
Secondary products and miscellaneous receipts		337110-SM						
Secondary products		337110-S	12/03	120.9	121.8	121.5	1.9	-0.2
Household & institutional furniture mfg	33712		12/03	129.9	130.1	130.1	0.9	0.0
Upholstered household furniture mfg	337121		06/82	187.7	187.1	187.1	0.1	0.0
Primary products		337121-P	06/82	189.8	189.3	189.3	0.1	0.0
Upholstered household furniture, excl. dual-purpose sleep furniture		337121-1	06/82	187.2	186.6	186.6	0.2	0.0
Upholstered household sofas, davenports, settees, and loveseats, except custom		337121-11	06/82	185.2	184.3	184.3	-0.2	0.0
Upholstered household sectional sofa pieces, except custom		337121-12	12/87	165.7	165.0	165.0	1.0	0.0
Upholstered household reclining chairs, except custom		337121-14	06/82	168.0	168.0	168.0	0.8	0.0
Other upholstered household furniture, including custom sold at retail		337121-15	06/05	125.8	126.0	126.0	0.4	0.0
Dual-purpose sleep furniture incl. futon, conv. sofa, jackknife & chair beds, except custom		337121-4	06/89	204.9	205.2	205.2	-2.1	0.0
Secondary products and miscellaneous receipts		337121-SM						
Miscellaneous receipts		337121-M	06/05	127.4	126.8	126.8	–	0.0
Secondary products		337121-S1	09/15	100.3	100.3	100.3	–	0.0
Nonupholstered wood household furniture mfg	337122		12/79	274.8	275.9	275.7	0.6	-0.1
Primary products		337122-P	12/79	289.1	289.9	289.6	0.7	-0.1
Infants' and children's wood furniture, except custom		337122-A	12/04	130.1	130.3	133.2	2.4	2.2
Custom nonupholstered wood household furniture sold direct, excl. kitchen cabinets and vanities		337122-HY	06/12	104.2	104.2	104.2	0.0	0.0
Wood household den, family room, library, and living room furniture, except custom		337122-1	12/79	281.0	282.3	277.9	0.1	-1.6
Wood dining room and kitchen furniture, excl. cabinets, except custom		337122-4	12/79	320.1	323.9	325.2	3.5	0.4
Wood bedroom furniture, except custom		337122-8	12/79	284.0	284.3	285.0	0.9	0.2
Secondary products and miscellaneous receipts		337122-SM						
Miscellaneous receipts		337122-M1	06/12	105.2	105.2	105.2	0.0	0.0
Secondary products		337122-S	12/79	209.1	214.9	214.9	1.5	0.0
Metal household furniture mfg	337124		06/84	182.0	181.6	181.8	3.7	0.1
Primary products		337124-P	06/84	181.3	181.6	181.6	4.1	0.0
Metal dining room, and kitchen furniture, incl. padded and plain chairs and stools		337124-1	06/84	147.6	147.3	147.4	3.7	0.1
Metal outdoor and casual furniture, incl. beach, lawn, garden and porch		337124-4Y	06/84	251.8	252.8	252.7	4.5	0.0
Other nonupholstered metal household furniture		337124-8	06/84	142.5	142.5	142.5	3.9	0.0
Secondary products and miscellaneous receipts		337124-SM						
Secondary products		337124-S	06/84	225.6	219.4	222.1	2.7	1.2
Household furniture, except wood or metal, mfg	337125		12/85	138.2	–	138.2	0.0	–
Primary products		337125-P	12/85	143.0	–	143.0	0.0	–
Nonupholstered household furniture (except wood and metal)		337125-0	12/85	143.0	–	143.0	0.0	–
Secondary products and miscellaneous receipts		337125-SM						
Institutional furniture mfg	337127		12/03	140.4	141.4	141.6	1.9	0.1
Primary products		337127-P	12/03	140.9	141.9	142.1	1.8	0.1
Other institutional furniture		337127-B	12/11	106.1	108.5	108.2	2.6	-0.3
Public building and related furniture, excl. bar, bowling, cafeteria, restaurant and school		337127-5	12/84	204.1	204.4	204.3	0.8	0.0
Public furniture (bar, bowling center, cafeteria, and restaurant)		337127-8	12/03	140.0	140.0	140.0	0.2	0.0
Secondary products and miscellaneous receipts		337127-SM						
Miscellaneous receipts		337127-M	12/03	134.5	134.5	134.5	1.8	0.0
Secondary products		337127-S	12/03	136.3	138.5	138.9	2.9	0.3
Office furniture (including fixtures) mfg	3372		12/03	137.0	136.4	136.7	0.0	0.2
Office furniture (including fixtures) mfg	33721		12/03	137.0	136.4	136.7	0.0	0.2
Wood office furniture manufacturing	337211		06/85	202.0	201.4	202.5	0.3	0.5
Primary products		337211-P	06/85	204.0	203.4	204.6	0.0	0.6
Wood office furniture panel systems, desking systems, and other wood office furniture		337211-A	06/98	133.9	133.9	133.9	0.0	0.0
Wood office seating, including upholstered		337211-1	06/98	144.1	140.4	141.8	-2.1	1.0
Wood office desks and desk extensions		337211-4	06/85	220.4	224.1	224.4	-0.2	0.1
Wood office files, storage units, and tables		337211-7	06/98	149.7	149.3	150.8	2.0	1.0
Secondary products and miscellaneous receipts		337211-SM						

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Wood office furniture manufacturing - Continued								
Secondary products		337211-S	06/85	173.0	173.0	173.0	3.5	0.0
Custom architectural woodwork and millwork	337212		12/03	125.8	125.1	125.3	-0.2	0.2
Primary products		337212-P	12/03	125.4	124.4	124.6	-0.6	0.2
Custom architectural woodwork, millwork, and fixtures		337212-0	12/03	125.4	124.4	124.6	-0.6	0.2
Secondary products and miscellaneous receipts		337212-SM						
Office furniture, except wood, mfg.	337214		12/79	283.6	280.5	280.8	0.5	0.1
Primary products		337214-P	12/79	283.2	279.6	279.9	0.1	0.1
Office furniture, other types, except wood		337214-A	12/79	301.2	297.8	295.1	-0.9	-0.9
Office seating, including upholstered, except wood		337214-1	12/79	242.8	243.6	243.3	1.7	-0.1
Office files, storage units, and tables, except wood		337214-7	06/95	162.1	157.3	160.0	0.2	1.7
Secondary products and miscellaneous receipts		337214-SM						
Showcases, partitions, shelving, and lockers mfg.	337215		12/03	138.9	139.2	139.7	-0.4	0.4
Primary products		337215-P	12/03	124.2	124.7	125.0	-0.6	0.2
Shelving and lockers, except wood		337215-A	12/83	186.3	187.0	185.9	-1.1	-0.6
Shelving, commercial, except wood		337215-A1	06/06	112.1	112.1	112.1	0.0	0.0
Storage racks and accessories, except wood		337215-E	12/83	178.5	181.0	182.5	1.4	0.8
Fixtures (bank, office, and store), except wood		337215-G	12/83	200.9	200.7	201.4	-1.4	0.3
Wood furniture dimensions and nonwood furniture parts and frames		337215-L	12/06	111.0	111.0	111.0	3.5	0.0
Lockers, partitions, and shelving (except custom), wood		337215-1	12/83	168.3	–	–	–	–
Fixtures (bank, office, and store), wood, except custom		337215-5	12/83	175.2	174.4	174.4	-7.9	0.0
Secondary products and miscellaneous receipts		337215-SM						
Miscellaneous receipts		337215-M	12/03	394.0	394.0	394.0	0.0	0.0
Secondary products		337215-S	12/03	120.7	116.5	119.2	1.4	2.3
Other furniture related product mfg.	3379		12/03	133.0	132.9	132.8	0.2	-0.1
Mattress mfg.	33791		12/03	136.2	136.7	136.6	0.4	-0.1
Mattress mfg.	337910		06/83	190.9	191.5	191.4	0.4	-0.1
Primary products		337910-P	06/83	188.0	188.5	188.5	0.4	0.0
Sleep system ensembles and mattresses, excl. conventional waterbeds		337910-A	05/96	165.8	165.8	165.8	-1.8	0.0
Mattress and foundation sets		337910-E	12/03	114.0	114.0	114.0	0.0	0.0
Innerspring mattresses , excluding crib-size		337910-1	01/04	142.3	142.3	142.3	0.0	0.0
Other mattresses, including crib, foam, waterbed mattresses and mattress inserts		337910-4	06/83	189.6	192.2	192.2	0.0	0.0
Foundations, excl. innerspring units, hybrid-type flotation, ensembles, and adjustable units		337910-7	12/03	136.6	136.6	136.6	3.6	0.0
Secondary products and miscellaneous receipts		337910-SM						
Miscellaneous receipts		337910-M	12/03	213.7	217.1	214.4	0.3	-1.2
Blind & shade mfg.	33792		12/03	130.2	128.7	128.7	-0.1	0.0
Blind and shade manufacturing	337920		06/84	197.7	195.4	195.4	-0.1	0.0
Primary products		337920-P	06/84	196.3	193.7	193.6	-0.8	-0.1
Window shades and window shade accessories and rollers		337920-2	06/84	212.6	–	–	–	–
Venetian blinds, including components and parts		337920-4	06/84	166.2	166.9	166.6	0.8	-0.2
Secondary products and miscellaneous receipts		337920-SM						
Miscellaneous receipts		337920-M	06/84	226.4	225.9	225.9	3.1	0.0
Miscellaneous mfg.	339		12/03	121.1	121.4	121.4	1.1	0.0
Medical equipment & supplies mfg.	3391		12/03	116.6	116.7	116.6	0.7	-0.1
Medical equipment & supplies mfg.	33911		12/03	116.6	116.7	116.6	0.7	-0.1
Surgical and medical instrument mfg.	339112		06/82	141.4	142.3	141.9	1.2	-0.3
Primary products		339112-P	06/82	141.8	143.0	142.6	1.6	-0.3
Surgical and medical instruments		339112-0	06/82	135.9	137.1	136.7	1.6	-0.3
Orthopedic and surgical instruments		339112-01	06/12	104.2	106.3	106.3	3.8	0.0
Surgical and medical syringes and hypodermic needles		339112-03	06/12	98.9	98.8	98.8	-0.1	0.0
Surgical and medical catheters		339112-05	06/82	121.7	122.9	122.3	-1.3	-0.5
Other surgical and medical apparatus and instruments, excluding parts		339112-06	06/12	97.0	97.4	97.4	0.0	0.0
Parts for surgical and medical apparatus and instruments		339112-07	06/12	106.5	107.0	106.9	1.3	-0.1
Secondary products and miscellaneous receipts		339112-SM						
Miscellaneous receipts		339112-M	01/83	173.6	173.6	173.6	-0.9	0.0
Secondary products		339112-S	10/82	123.0	118.1	118.1	-4.8	0.0
Surgical appliance and supplies mfg.	339113		06/83	206.4	205.5	205.9	0.2	0.2
Primary products		339113-P	06/83	209.9	208.6	209.3	-0.2	0.3
Medical and surgical appliances and supplies, incl. orthopedic, prosthetic, and therapeutic		339113-2	06/83	202.9	201.2	202.1	-1.0	0.4
Artificial joints and limbs		339113-21	06/83	324.0	–	320.6	-3.0	–
Other orthopedic and prosthetic appliances		339113-22	12/03	99.0	97.3	97.9	-3.6	0.6
Other medical and surgical appliances and supplies		339113-27	12/03	116.8	116.8	116.8	0.5	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Surgical appliance and supplies mfg - Continued								
Hospital beds and specialized hospital furniture		339113-4	12/11	110.2	110.2	110.2	2.9	0.0
Personal industrial and nonindustrial safety equipment and clothing		339113-6	06/83	237.9	237.9	237.9	1.9	0.0
Secondary products and miscellaneous receipts		339113-SM						
Miscellaneous receipts		339113-M	07/88	212.6	214.2	212.6	2.6	-0.7
Secondary products		339113-S	06/83	157.5	157.0	157.8	1.3	0.5
Dental equipment and supplies mfg	339114		06/85	341.8	341.6	341.6	1.2	0.0
Primary products		339114-P	06/85	324.6	324.4	324.4	1.1	0.0
Dental professional equipment and supplies		339114-1	06/97	174.3	174.2	174.2	1.6	0.0
Professional dental equipment		339114-11	06/85	252.2	252.2	252.2	1.6	0.0
Professional dental supplies		339114-12	06/85	271.5	271.3	271.4	1.6	0.0
Dental laboratory equipment and supplies		339114-3	06/85	352.4	351.6	351.6	-0.5	0.0
Secondary products and miscellaneous receipts		339114-SM						
Miscellaneous receipts		339114-M	06/85	256.6	256.6	256.6	1.9	0.0
Secondary products		339114-S1	12/12	98.4	–	–	–	–
Ophthalmic goods mfg	339115		12/83	149.2	149.2	148.6	0.3	-0.4
Primary products		339115-P	12/83	145.2	145.1	144.4	-0.1	-0.5
Other ophthalmic goods and prescription ground eyeglass lenses		339115-B	12/83	141.4	144.5	142.7	0.7	-1.2
Ophthalmic fronts, temples, and focal and contact lenses		339115-9	12/11	102.7	101.6	101.5	-0.3	-0.1
Secondary products and miscellaneous receipts		339115-SM						
Miscellaneous receipts		339115-M	01/84	210.4	210.4	210.4	0.2	0.0
Other miscellaneous mfg	3399		12/85	168.8	169.4	169.5	1.4	0.1
Jewelry & silverware mfg	33991		12/85	203.8	206.7	208.2	5.5	0.7
Jewelry and silverware mfg	339910		12/11	96.1	97.5	98.2	5.5	0.7
Primary products		339910-P	12/11	95.1	96.6	97.4	6.1	0.8
Jewelry (excluding costume)		339910-1	12/85	206.6	209.6	210.5	5.5	0.4
All other jewelry and personal goods (excluding costume)		339910-14	12/11	91.9	92.9	93.2	6.2	0.3
Silverware and hollowware, precious solid or clad metal		339910-2	06/85	253.6	253.6	262.1	3.8	3.4
Jewelers' material and lapidary work		339910-3	06/85	216.5	222.8	229.7	12.3	3.1
Costume jewelry and novelties		339910-4	12/03	124.0	124.1	124.0	1.6	-0.1
Secondary and miscellaneous		339910-SM						
Sporting & athletic goods mfg	33992		12/03	119.5	119.5	119.5	2.0	0.0
Sporting and athletic goods manufacturing	339920		12/85	146.4	146.4	146.4	2.0	0.0
Primary products		339920-P	12/85	141.9	141.9	141.9	2.5	0.0
Other sporting and athletic goods		339920-A	12/85	139.0	139.0	139.0	1.9	0.0
Fishing tackle and equipment		339920-1	12/85	214.6	214.6	214.6	-1.9	0.0
Golf equipment, excluding apparel and shoes		339920-3Y	12/85	91.6	91.6	–	–	–
Gymnasium and exercise equipment		339920-7	06/92	125.9	125.9	125.9	5.4	0.0
Secondary products and miscellaneous receipts		339920-SM						
Miscellaneous receipts		339920-M	12/85	166.1	166.1	166.1	-0.1	0.0
Doll, toy & game mfg	33993		12/03	122.0	122.1	122.1	0.0	0.0
Doll, toy, and game mfg	339930		06/85	147.4	147.5	147.5	0.0	0.0
Primary products		339930-P	06/85	149.8	150.2	150.2	0.3	0.0
Games, toys, and children's vehicles		339930-2	06/85	149.7	150.2	150.2	0.4	0.0
Models (operating & static), craft kits/supply, natural science kits, & collectors' miniatures		339930-26	06/85	205.3	207.4	207.4	2.9	0.0
Nonelectronic games and puzzles, including parts		339930-27	06/99	–	120.7	120.7	0.1	0.0
Other nonelectronic toys, including parts		339930-28	06/85	141.2	–	–	–	–
Secondary products and miscellaneous receipts		339930-SM						
Miscellaneous receipts		339930-M	11/85	–	–	143.4	-1.6	–
Office supplies (exc paper) mfg	33994		12/85	156.3	157.1	157.1	3.0	0.0
Office supplies (except paper) mfg	339940		12/11	106.9	107.5	107.4	3.1	-0.1
Primary products		339940-P	12/11	106.3	106.9	106.9	1.4	0.0
Pens, mechanical pencils, markers, and associated parts		339940-1	12/85	181.9	185.1	185.1	2.8	0.0
Lead pencils, art goods, office supplies & small office equipment, excluding paper		339940-2	12/03	116.4	116.6	116.6	1.7	0.0
Marking devices		339940-3	12/85	162.7	163.5	163.5	0.5	0.0
Secondary products and miscellaneous receipts		339940-SM						
Miscellaneous receipts		339940-M	12/11	115.9	115.9	115.9	15.0	0.0
Secondary Products		339940-S	12/11	100.7	101.3	101.3	3.7	0.0
Sign mfg	33995		12/03	116.9	117.5	117.3	-0.3	-0.2
Sign manufacturing	339950		12/85	169.9	170.8	170.6	-0.2	-0.1
Primary products		339950-P	12/85	164.5	165.6	165.3	-0.5	-0.2
Electric signs and displays, including trade show exhibits		339950-1	12/85	156.3	158.7	158.0	-1.3	-0.4
Nonelectric signs and displays, including trade show exhibits		339950-3Z	12/85	182.3	182.4	182.5	0.3	0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Sign manufacturing - Continued								
Secondary products and miscellaneous receipts		339950-SM						
Secondary products		339950-S	12/85	242.7	242.7	242.7	2.3	0.0
All other misc mfg	33999		12/03	124.9	124.9	124.9	0.2	0.0
Gasket, packing, and sealing device mfg	339991		12/85	186.7	186.0	186.1	0.4	0.1
Primary products		339991-P	12/85	192.9	192.0	192.1	0.4	0.1
Compression packings		339991-1	12/85	221.8	–	222.1	0.1	–
Nonmetallic gaskets and gasketing		339991-3	12/85	215.9	213.1	213.2	0.6	0.0
Molded packing and seals		339991-5Y	06/07	117.4	117.3	117.3	1.2	0.0
Metallic gaskets and machined seals		339991-7	12/85	259.0	–	–	–	–
Axial mechanical face seals, including parts		339991-8Y	05/16	–	–	100.4	–	–
Rotary oil seals		339991-9	12/90	128.6	128.6	128.6	0.0	0.0
Secondary products and miscellaneous receipts		339991-SM						
Miscellaneous receipts		339991-M	06/97	120.4	120.4	120.4	0.0	0.0
Secondary products		339991-S	12/85	–	–	131.9	–	–
Musical instrument manufacturing	339992		06/85	226.2	227.5	227.8	1.7	0.1
Primary products		339992-P	06/85	225.7	226.7	227.0	1.7	0.1
Other musical instruments and parts		339992-7	06/85	216.6	217.7	217.7	1.4	0.0
Other electronic musical instruments, excluding electronic organs		339992-71	12/09	111.2	113.5	–	–	–
Other nonelectronic musical instruments		339992-72	06/99	126.9	126.9	126.9	1.0	0.0
Parts and accessories for other musical instruments, sold separately, excl. benches & cases		339992-73	06/85	177.8	178.8	178.7	1.8	-0.1
Secondary products and miscellaneous receipts		339992-SM						
Miscellaneous receipts		339992-M	06/85	245.0	251.7	251.5	2.7	-0.1
Fastener, button, needle, and pin mfg	339993		12/85	192.2	193.1	192.6	0.1	-0.3
Primary products		339993-P	12/85	198.0	199.0	198.5	0.2	-0.3
Buttons and button parts, including button backs, blanks, and molds		339993-1	12/85	179.5	–	179.5	0.0	–
Buckles, fasteners (excluding slide fasteners), needles, and pins		339993-5	12/85	171.3	172.8	172.2	0.2	-0.3
Secondary products and miscellaneous receipts		339993-SM						
Broom, brush, and mop mfg	339994		12/85	177.9	177.6	177.9	0.1	0.2
Primary products		339994-P	12/85	181.8	181.4	181.8	0.1	0.2
Brooms, mops and dusters		339994-1	12/85	200.8	200.8	200.8	0.2	0.0
Brooms		339994-11	06/07	118.7	118.7	118.7	0.6	0.0
Mops and dusters, including refills		339994-13	06/07	113.6	–	–	–	–
Paint and varnish brushes, paint holders, pads, roller frames and rollers		339994-3	12/85	153.2	153.2	153.2	0.0	0.0
Paint and varnish brushes		339994-31	06/07	108.1	108.1	108.1	0.0	0.0
Other types of brushes		339994-5	12/85	189.9	188.8	189.9	0.0	0.6
Personal brushes		339994-51	06/07	106.6	104.8	106.2	-0.4	1.3
All other types of brushes, except personal		339994-52	06/07	125.8	125.9	126.1	0.2	0.2
Secondary product and miscellaneous receipts		339994-SM						
Secondary products		339994-S	12/85	164.2	165.3	165.3	0.2	0.0
Burial casket mfg	339995		12/84	338.3	338.3	338.3	3.2	0.0
Primary products		339995-P	12/84	338.8	338.8	338.8	3.2	0.0
Metal burial caskets and coffins, completely lined and trimmed, adult sizes only		339995-1	12/84	348.4	348.4	348.4	3.6	0.0
Wood burial caskets and coffins, completely lined and trimmed, adult sizes only		339995-3Y	12/84	377.2	377.2	377.2	3.6	0.0
Other burial caskets and coffins, including burial boxes and vaults (except concrete and stone)		339995-5	12/84	254.9	254.9	254.9	1.4	0.0
Secondary products and miscellaneous receipts		339995-SM						
All other miscellaneous manufacturing	339999		12/85	153.6	153.7	153.7	-0.1	0.0
Primary products		339999-P	12/85	161.8	161.9	161.8	-0.5	-0.1
All other miscellaneous fabricated products, incl. fire extinguishers and umbrellas		339999-L	12/85	161.0	161.2	161.2	0.1	0.0
Coin-operated amusement machines, excluding jukeboxes		339999-3	12/85	147.9	–	147.9	0.0	–
Candles, including tapers		339999-5	12/85	189.2	189.2	189.2	1.3	0.0
Secondary products and miscellaneous receipts		339999-SM						
Miscellaneous receipts		339999-M	12/85	91.3	91.3	91.3	2.1	0.0
Secondary products		339999-S	12/85	132.6	134.0	133.8	3.7	-0.1
Services industries								
Merchant wholesalers, durable goods	423		06/04	134.2	135.4	134.2	3.5	-0.9
Merchant wholesalers, durable goods	423000		06/04	134.2	135.4	134.1	3.5	-1.0
Primary services		423000-P	06/04	131.8	132.9	131.5	3.4	-1.1
Wholesale distribution of motor vehicles and motor vehicle parts and supplies		423000-A	02/09	115.7	118.4	117.4	8.1	-0.8
Wholesale distribution of nondurable goods		423000-Z	06/13	127.0	119.5	123.1	2.2	3.0
Wholesale distribution of furniture and home furnishings		423000-2	02/09	105.3	104.9	105.6	3.1	0.7
Wholesale distribution of lumber and other construction materials		423000-3	02/09	99.4	103.7	104.1	3.6	0.4
Wholesale distribution of professional and commercial equipment and supplies		423000-4	02/09	113.0	111.3	108.9	1.7	-2.2

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Merchant wholesalers, durable goods - Continued								
Wholesale distribution of computer and computer peripheral equipment and supplies		423000-43	02/09	125.6	119.2	114.8	5.8	-3.7
Wholesale distribution of medical, dental, and hospital equipment and supplies		423000-45	02/09	108.0	113.9	113.0	0.2	-0.8
Wholesale distribution of all other professional and commercial equipment and supplies		423000-49	06/13	111.1	106.0	104.6	-3.9	-1.3
Wholesale distribution of metals and minerals (except petroleum)		423000-5	02/09	129.1	125.9	129.7	-1.6	3.0
Wholesale distribution of electrical and electronic goods		423000-6	02/09	99.5	102.8	100.9	0.3	-1.8
Wholesale distribution of hardware, plumbing, and heating equipment and supplies		423000-7	02/09	103.3	97.7	96.8	-2.7	-0.9
Wholesale distribution of machinery, equipment, and supplies		423000-8	02/09	132.8	134.5	132.9	9.1	-1.2
Wholesale distribution of miscellaneous durable goods		423000-9	02/09	80.5	85.2	80.5	-7.4	-5.5
Other receipts		423000-SM	06/04	168.0	170.1	170.7	4.5	0.4
Merchant wholesalers, nondurable goods	424		06/05	153.4	152.8	155.1	-4.2	1.5
Merchant wholesalers, nondurable goods	424000		12/04	158.7	158.1	160.5	-4.2	1.5
Primary services		424000-P	12/04	158.9	158.3	160.7	-4.3	1.5
Wholesale distribution of paper and paper products		424000-A	02/09	94.4	93.0	93.9	-2.9	1.0
Wholesale distribution of durable goods		424000-Z	06/13	99.4	96.1	98.4	-8.5	2.4
Wholesale distribution of drugs and druggists' sundries		424000-2	02/09	144.6	143.7	153.1	-12.5	6.5
Wholesale distribution of apparel, piece goods, and notions		424000-3	02/09	116.8	117.6	118.0	-0.3	0.3
Wholesale distribution of grocery and related products		424000-4	02/09	100.3	97.7	97.0	-0.7	-0.7
Wholesale distribution of poultry, meat, fish and seafood, dairy, and fruits and vegetables		424000-41	06/13	115.3	110.8	110.6	-0.8	-0.2
Wholesale distribution of packaged frozen food and canned food		424000-42	06/13	116.6	116.1	114.5	1.1	-1.4
Wholesale distribution of baked goods, spices, soft drinks, and all other groceries		424000-43	06/13	108.4	105.5	104.7	-1.6	-0.8
Wholesale distribution of farm product raw materials		424000-5	02/09	108.1	103.6	103.6	-1.7	0.0
Wholesale distribution of chemicals and allied products		424000-6	02/09	103.6	102.3	103.0	-6.2	0.7
Wholesale distribution of petroleum and petroleum products		424000-7	02/09	122.9	125.3	121.6	-0.8	-3.0
Wholesale distribution of beer, wine, and distilled alcoholic beverages		424000-8	02/09	114.0	115.6	114.3	-0.2	-1.1
Wholesale distribution of miscellaneous nondurable goods		424000-9	02/09	116.8	119.8	123.8	2.1	3.3
Other receipts		424000-SM	12/04	104.3	104.9	105.2	1.8	0.3
Wholesale trade agents and brokers	425		06/05	129.7	131.6	128.9	-2.3	-2.1
Wholesale trade agents and brokers	4251		06/05	129.7	131.6	128.9	-2.3	-2.1
Wholesale trade agents and brokers	42512		06/05	129.7	131.6	128.9	-2.3	-2.1
Wholesale trade agents and brokers	425120		06/04	130.3	132.3	129.5	-2.3	-2.1
Primary services		425120-P	06/04	130.0	132.2	129.1	-2.6	-2.3
Wholesale trade brokerage fees and commissions		425120-1	06/04	130.0	132.2	129.1	-2.6	-2.3
Material recyclers	429930		12/86	238.5	268.9	269.0	-5.7	0.0
Primary products		429930-P	12/86	236.2	266.4	266.5	-5.7	0.0
Ferrous metal scrap		429930-1	12/86	264.9	330.9	318.2	-6.5	-3.8
Carbon steel scrap		429930-11	12/86	261.0	334.6	320.1	-4.6	-4.3
Heavy melting scrap		429930-111	12/86	278.4	354.0	343.5	-3.8	-3.0
Carbon steel scrap bundles		429930-112	12/86	236.7	331.8	328.4	0.3	-1.0
Shredded carbon steel scrap		429930-113	12/86	179.5	226.2	215.6	-2.1	-4.7
Cut plate and structural scrap		429930-114	12/86	279.9	339.7	306.0	-12.8	-9.9
Other carbon steel scrap		429930-115	12/86	281.9	368.9	353.2	-14.1	-4.3
Stainless and alloy steel scrap		429930-12	12/86	407.1	463.5	450.1	-12.9	-2.9
Cast iron scrap		429930-13	12/86	188.6	216.7	217.2	-6.9	0.2
Other ferrous scrap		429930-14	06/06	66.2	88.9	84.1	-6.8	-5.4
Nonferrous metal scrap		429930-2	12/86	311.0	313.5	328.8	-5.2	4.9
Copper base scrap		429930-21	12/86	378.6	387.6	401.7	-11.8	3.6
No 1 copper wire, heavy		429930-211	12/86	287.7	285.2	296.8	-13.2	4.1
No 2 copper wire, mixed		429930-212	12/86	451.2	448.0	461.5	-10.9	3.0
Yellow brass scrap		429930-213	12/86	456.6	466.4	478.4	-9.0	2.6
Other copper and brass scrap, including red brass		429930-214	12/86	376.0	436.1	452.3	-10.6	3.7
Aluminum base scrap		429930-22	12/86	156.2	156.6	161.0	-5.3	2.8
Solids and clippings, new aluminum base scrap		429930-221	12/86	148.1	145.9	152.3	-4.8	4.4
Borings, turnings, and other new aluminum base scrap		429930-222	06/96	88.0	91.8	91.8	-9.1	0.0
Used beverage can scrap		429930-223	12/86	168.3	172.5	179.0	2.9	3.8
Other old aluminum base scrap		429930-224	12/86	136.5	135.3	136.8	-9.0	1.1
Other nonferrous scrap (including lead, zinc and precious metals)		429930-23	12/86	1,346.4	1,347.0	1,459.1	1.4	8.3
Wastepaper		429930-3	12/86	139.1	148.9	158.6	1.1	6.5
News and other low grade wastepaper		429930-31	12/86	72.1	86.7	91.2	11.5	5.2
Corrugated wastepaper		429930-33	12/86	90.0	98.1	106.5	4.9	8.6
High grade wastepaper (including pulp substitutes and deinking)		429930-34	12/86	156.8	159.5	166.0	-6.0	4.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Material recyclers - Continued								
Recyclable materials, excluding metals and paper		429930-4	12/86	120.7	129.6	119.6	-14.0	-7.7
Recyclable plastics		429930-42	06/96	74.7	74.6	75.8	-9.1	1.6
All other recyclable materials, including glass and textiles		429930-45	12/14	91.3	–	–	–	–
Motor vehicle and parts dealers	441		12/03	137.6	137.9	137.0	-0.3	-0.7
Automobile dealers	4411		12/03	132.9	133.2	131.9	-1.4	-1.0
New car dealers	44111		12/99	146.7	147.0	145.5	-1.5	-1.0
New car dealers	441110		12/99	146.8	147.0	145.6	-1.4	-1.0
Primary services		441110-P	12/99	144.9	144.8	143.2	-2.4	-1.1
Vehicle sales		441110-1	12/99	79.3	79.2	75.6	-12.5	-4.5
New vehicle sales		441110-101	12/99	63.5	63.1	59.2	-21.1	-6.2
Used vehicle sales		441110-102	12/99	97.5	97.8	94.6	-5.0	-3.3
Service labor and parts		441110-2	12/99	191.8	191.8	191.8	1.4	0.0
Other receipts		441110-SM	12/99	179.7	182.1	181.4	3.2	-0.4
Recreational vehicle dealers	44121		06/01	129.8	128.8	132.9	3.7	3.2
Recreational vehicle dealers	441210		06/01	129.8	128.8	132.9	3.7	3.2
Primary services		441210-P	06/01	130.7	129.7	133.9	3.8	3.2
Recreational vehicle dealer services		441210-1	06/01	130.7	129.7	133.9	3.8	3.2
Boat dealers	441222		06/01	168.1	161.1	161.0	-2.1	-0.1
Primary services		441222-P	06/01	169.9	162.8	162.8	-2.1	0.0
Boat dealer services		441222-1	06/01	169.9	162.8	162.8	-2.1	0.0
Automotive parts, accessories and tire stores	4413		12/01	160.4	164.0	163.9	4.9	-0.1
Automotive parts and accessories stores	44131		12/03	166.5	171.1	170.3	5.5	-0.5
Automotive parts and accessories stores	441310		12/03	166.5	171.1	170.3	5.5	-0.5
Primary services		441310-P	12/03	166.5	171.1	170.3	5.5	-0.5
Automotive parts and accessories store services		441310-1	12/03	166.5	171.1	170.3	5.5	-0.5
Tire dealers	44132		12/03	131.0	132.8	133.8	4.0	0.8
Tire dealers	441320		12/03	131.0	132.8	133.8	4.0	0.8
Primary services		441320-P	12/03	131.1	132.9	133.8	4.0	0.7
Tire dealer services		441320-1	12/03	131.1	132.9	133.8	4.0	0.7
Furniture and home furnishings stores	442		12/03	135.8	136.6	137.7	4.2	0.8
Furniture stores	4421		12/03	128.6	126.7	128.8	5.6	1.7
Furniture stores	44211		12/03	128.6	126.7	128.8	5.6	1.7
Furniture stores	442110		06/03	130.3	128.4	130.6	5.6	1.7
Primary services		442110-P	06/03	130.3	128.4	130.6	5.6	1.7
Furniture store services		442110-1	06/03	130.3	128.4	130.6	5.6	1.7
Floor covering stores	44221		12/03	145.8	149.7	149.7	3.0	0.0
Floor covering stores	442210		06/03	147.9	151.9	151.9	2.9	0.0
Primary services		442210-P	06/03	147.9	151.9	151.9	2.9	0.0
Floor covering store services		442210-1	06/03	147.9	151.9	151.9	2.9	0.0
Electronics and appliance stores	443		12/03	74.5	75.9	73.1	-14.2	-3.7
Electronics and appliance stores	4431		12/03	74.5	75.9	73.2	-14.0	-3.6
Electronics and appliance stores	44314		12/03	74.5	75.9	73.2	-14.0	-3.6
Household appliance stores	443141		06/03	87.0	90.0	81.8	-8.0	-9.1
Primary services		443141-P	06/03	87.0	90.1	82.0	-7.8	-9.0
Household appliance store services		443141-1	06/03	87.0	90.1	82.0	-7.8	-9.0
Electronics stores	443142		12/11	86.4	87.6	85.8	-14.7	-2.1
Primary services		443142-P	12/11	84.2	85.6	83.4	-17.5	-2.6
Retailing of electronic entertainment and communication products		443142-1	12/11	74.3	82.2	77.6	-28.1	-5.6
Retailing of computers, hardware, software, and computer equipment and supplies		443142-2	06/03	57.7	56.0	56.6	-4.9	1.1
Retailing of all other goods		443142-4	12/11	100.9	96.5	95.5	-5.1	-1.0
Other receipts		443142-SM	12/11	91.9	91.9	91.9	-1.5	0.0
Building material and garden equipment and supply dealers	444		12/03	135.1	139.7	138.2	0.3	-1.1
Building material and supplies dealers	4441		12/03	136.7	141.7	140.3	0.4	-1.0
Home centers	44411		12/03	127.2	133.5	131.8	-0.3	-1.3
Home centers	444110		12/03	127.2	133.5	131.8	-0.3	-1.3
Primary services		444110-P	12/03	127.2	133.5	131.8	-0.3	-1.3
Home center services		444110-1	12/03	127.2	133.5	131.8	-0.3	-1.3

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Paint and wallpaper stores	44412		12/03	138.0	138.5	136.3	-2.9	-1.6
Paint and wallpaper stores	444120		06/03	141.1	141.6	139.4	-2.9	-1.6
Primary services		444120-P	06/03	141.1	141.6	139.4	-2.9	-1.6
Paint and wallpaper store services		444120-1	06/03	141.1	141.6	139.4	-2.9	-1.6
Hardware stores	44413		12/03	132.3	131.4	131.1	-3.8	-0.2
Hardware stores	444130		06/03	132.8	132.0	131.6	-3.9	-0.3
Primary services		444130-P	06/03	133.0	132.2	131.7	-3.9	-0.4
Hardware store services		444130-1	06/03	133.0	132.2	131.7	-3.9	-0.4
Other building material dealers	44419		12/03	150.5	155.6	154.6	2.2	-0.6
Other building material dealers	444190		12/03	150.5	155.6	154.6	2.2	-0.6
Primary services		444190-P	12/03	150.5	155.6	154.6	2.2	-0.6
Other building material dealer services		444190-1	12/03	150.5	155.6	154.6	2.2	-0.6
Lawn and garden equip and supplies stores	4442		12/03	127.9	129.6	126.4	-0.6	-2.5
Nursery, garden and farm supply stores	44422		12/03	127.9	129.6	126.4	-0.6	-2.5
Nursery, garden, and farm supply stores	444220		12/02	136.9	138.8	135.3	-0.7	-2.5
Primary services		444220-P	12/02	137.6	139.7	136.1	-0.6	-2.6
Nursery, garden center, and farm supply store services		444220-1	12/02	137.6	139.7	136.1	-0.6	-2.6
Food and beverage stores	445		12/99	188.3	191.9	190.1	3.9	-0.9
Grocery stores	4451		12/03	160.8	164.2	162.3	4.1	-1.2
Grocery (except convenience) stores	44511		12/03	160.8	164.2	162.3	4.1	-1.2
Supermarkets and other grocery (except convenience) stores	445110		12/99	191.9	196.0	193.7	4.1	-1.2
Primary services		445110-P	12/99	191.8	195.9	193.6	4.2	-1.2
Supermarket and other grocery store services		445110-3	12/99	190.0	194.1	191.8	4.2	-1.2
Meat department		445110-301	12/99	249.1	253.6	248.3	3.5	-2.1
Produce department		445110-302	12/99	205.8	210.4	189.6	-7.4	-9.9
Bakery department		445110-303	12/99	182.6	183.7	182.8	1.1	-0.5
Dairy department		445110-304	12/99	159.2	164.9	158.3	4.4	-4.0
Deli department		445110-305	12/99	128.1	135.7	128.3	-2.3	-5.5
Frozen foods department		445110-306	12/99	123.0	115.9	116.0	2.8	0.1
Edible grocery department		445110-307	12/99	180.7	187.0	193.7	13.0	3.6
Nonedible grocery department		445110-308	12/99	184.9	202.2	200.7	8.4	-0.7
Health and beauty care department		445110-309	12/99	207.8	200.5	187.7	-6.3	-6.4
General merchandise department		445110-311	12/99	251.1	251.5	259.1	3.5	3.0
Other departments		445110-312	12/99	182.7	185.1	184.5	0.8	-0.3
Specialty food stores	4452		12/03	177.1	178.9	177.8	3.9	-0.6
Specialty food stores	445200		12/03	177.1	178.9	177.8	3.9	-0.6
Primary services		445200-P	12/03	177.1	178.9	177.8	3.9	-0.6
Specialty food store services		445200-1	12/03	177.1	178.9	177.8	3.9	-0.6
Meat markets		445200-101	06/12	121.6	122.0	120.6	3.0	-1.1
Fish and seafood markets		445200-102	06/12	108.1	110.9	110.9	4.0	0.0
Fruit and vegetable markets		445200-103	06/12	112.0	112.2	111.2	-3.3	-0.9
Other specialty food stores		445200-104	06/12	117.2	119.4	119.3	10.0	-0.1
Beer, wine, and liquor stores	4453		06/00	123.6	122.5	126.1	-0.5	2.9
Beer, wine, and liquor stores	44531		06/00	123.6	122.5	126.1	-0.5	2.9
Beer, wine, and liquor stores	445310		06/00	123.6	122.5	126.1	-0.5	2.9
Primary services		445310-P	06/00	123.6	122.6	126.2	-0.5	2.9
Beer, wine, and liquor store services		445310-1	06/00	123.6	122.6	126.2	-0.5	2.9
Retailing of beer, wine, and liquor		445310-11	06/14	98.2	97.5	100.7	-1.0	3.3
Retailng of all other goods and sales of prepared foods		445310-12	06/14	110.3	108.2	108.2	4.1	0.0
Health and personal care stores	446		12/03	143.0	141.8	140.7	-1.4	-0.8
Health and personal care stores	4461		12/03	143.1	141.9	140.8	-1.4	-0.8
Pharmacies and drug stores	44611		06/00	167.9	168.0	166.2	-2.5	-1.1
Pharmacies and drug stores	446110		06/00	167.9	168.0	166.2	-2.5	-1.1
Primary services		446110-P	06/00	167.3	167.4	165.5	-2.6	-1.1
Retailing of prescription drugs		446110-1	06/00	200.1	200.2	196.5	-4.7	-1.8
Retailing of over-the-counter drugs and all other goods		446110-4	06/00	153.7	153.8	154.4	2.1	0.4
Retailing of over-the-counter drugs		446110-41	06/00	115.2	116.1	116.1	1.0	0.0
Retailing of all other goods		446110-42	06/00	166.7	166.5	167.3	2.4	0.5
Optical goods stores	44613		12/03	128.1	121.0	120.4	-0.2	-0.5
Optical goods stores	446130		06/00	131.4	124.1	123.4	-0.2	-0.6
Primary services		446130-P	06/00	132.0	124.2	123.5	-0.2	-0.6

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Optical goods stores - Continued								
Optical goods store services		446130-1	06/00	132.0	124.2	123.5	-0.2	-0.6
Food (health) supplement stores	446191		12/99	198.2	194.6	195.3	2.9	0.4
Primary services		446191-P	12/99	198.3	194.6	195.3	2.9	0.4
Food (health) supplement store services		446191-1	12/99	198.3	194.6	195.3	2.9	0.4
Retailing of vitamins, supplements, and related health products		446191-11	12/14	119.6	116.4	116.6	2.3	0.2
Retailing of all other goods		446191-12	12/14	100.5	102.2	103.2	5.4	1.0
Gasoline stations	447		06/01	97.5	115.7	114.4	15.2	-1.1
Gasoline stations	4471		06/01	97.5	115.7	114.4	15.2	-1.1
Gasoline stations with convenience stores	44711		12/03	181.5	219.6	215.9	18.8	-1.7
Gasoline stations with convenience stores	447110		12/03	181.5	219.6	215.9	18.8	-1.7
Primary services		447110-P	12/03	182.0	222.6	218.6	19.9	-1.8
Gasoline stations with convenience store services		447110-1	12/03	182.0	222.6	218.6	19.9	-1.8
Retailing of automotive fuels and lubricants		447110-101	12/12	85.9	136.5	131.6	49.4	-3.6
Retailing of all other goods, sales of prepared foods and repair services		447110-102	12/12	109.2	113.7	113.3	4.8	-0.4
Other gasoline stations	44719		12/03	243.2	268.7	271.3	3.2	1.0
Other gasoline stations	447190		12/03	242.8	268.2	270.8	3.2	1.0
Primary services		447190-P	06/01	94.2	103.2	104.8	2.6	1.6
Other gasoline station services		447190-1	06/01	94.2	103.2	104.8	2.6	1.6
Retailing of automotive fuels and lubricants		447190-11	12/14	96.3	116.7	119.3	7.8	2.2
Retailing of all other goods, sales of prepared foods and repair services		447190-12	12/14	100.3	95.4	95.8	-4.8	0.4
Clothing and clothing accessories stores	448		12/03	136.7	128.4	119.6	-6.5	-6.9
Clothing stores	4481		12/03	133.8	123.1	111.5	-9.2	-9.4
Clothing stores	44810		12/03	133.8	123.1	111.5	-9.2	-9.4
Clothing stores	448100		05/15	107.9	99.4	90.0	-9.2	-9.5
Primary services		448100-P	05/15	107.9	99.4	90.0	-9.2	-9.5
Retailing of apparel		448100-1	05/15	107.5	99.0	87.4	-11.4	-11.7
Retailing of men's apparel		448100-11	05/15	101.6	93.7	85.8	-6.3	-8.4
Retailing of women's apparel		448100-12	05/15	109.0	101.5	88.4	-12.5	-12.9
Retailing of children's apparel		448100-13	05/15	107.6	91.6	84.0	-10.8	-8.3
Retailing of all other goods		448100-2	05/15	109.8	100.9	101.0	-0.2	0.1
Shoe stores	4482		12/03	124.5	123.4	120.0	-1.2	-2.8
Shoe stores	44821		12/03	124.5	123.4	120.0	-1.2	-2.8
Shoe stores	448210		06/02	127.1	125.9	122.4	-1.1	-2.8
Primary services		448210-P	06/02	127.1	125.9	122.4	-1.1	-2.8
Shoe store services		448210-1	06/02	127.1	125.9	122.4	-1.1	-2.8
Jewelry, luggage and leather goods stores	4483		12/03	156.2	154.0	155.0	0.6	0.6
Jewelry stores	44831		12/03	159.3	156.9	158.0	0.8	0.7
Jewelry stores	448310		06/00	173.0	170.4	171.6	0.8	0.7
Primary services		448310-P	06/00	173.3	170.7	171.9	0.8	0.7
Jewelry store services		448310-1	06/00	173.3	170.7	171.9	0.8	0.7
Luggage and leather goods stores	44832		12/03	111.8	111.8	111.8	-4.2	0.0
Luggage and leather goods stores	448320		06/00	108.5	108.6	108.5	-4.2	-0.1
Primary services		448320-P	06/00	108.5	108.6	108.5	-4.3	-0.1
Luggage and leather goods store services		448320-1	06/00	108.5	108.6	108.5	-4.3	-0.1
Retailing of luggage and leather goods		448320-11	12/14	95.8	95.8	95.8	-4.4	0.0
Retailing of all other goods and repair services		448320-12	12/14	100.2	100.9	100.9	0.9	0.0
Sporting goods, hobby, and book stores	451		12/03	115.3	113.0	115.8	0.4	2.5
Sporting goods and hobby stores	4511		12/03	118.3	114.8	118.4	0.0	3.1
Sporting goods stores	45111		12/03	134.8	131.7	136.2	1.9	3.4
Sporting goods stores	451110		06/00	140.7	137.4	142.1	1.9	3.4
Primary services		451110-P	06/00	141.7	138.4	143.2	2.0	3.5
Sporting goods store services		451110-1	06/00	141.7	138.4	143.2	2.0	3.5
Retailing of sporting goods		451110-11	12/13	107.4	105.7	109.7	3.3	3.8
Retailing of all other goods		451110-12	12/13	90.2	86.8	89.0	-1.0	2.5
Hobby, toy and game stores	45112		12/03	98.3	92.7	95.6	-5.9	3.1
Hobby, toy, and game stores	451120		06/00	99.6	93.8	96.8	-5.9	3.2
Primary services		451120-P	06/00	99.6	93.8	96.8	-5.9	3.2
Hobby, toy, and game store services		451120-1	06/00	99.6	93.8	96.8	-5.9	3.2
Retailing of hobby and craft goods, toys, and games (including video games)		451120-11	12/13	96.1	86.7	91.5	-8.5	5.5

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Hobby, toy, and game stores - Continued								
Retailing of all other goods		451120-12	12/13	91.1	91.1	91.2	-2.1	0.1
Sewing, needlework and piece goods stores	45113		12/03	110.7	110.5	111.9	2.8	1.3
Sewing, needlework, and piece goods stores	451130		06/00	101.0	100.9	102.1	2.7	1.2
Primary services		451130-P	06/00	100.9	100.7	102.0	2.8	1.3
Sewing, needlework, and piece goods store services		451130-1	06/00	100.9	100.7	102.0	2.8	1.3
Retailing of sewing and knitting materials and supplies		451130-11	12/14	99.1	99.0	98.9	-1.2	-0.1
Retailing all other goods		451130-12	12/14	96.9	96.7	100.3	10.6	3.7
Book, periodical and music stores	4512		12/03	114.0	115.2	115.9	1.9	0.6
Book stores and news dealers	45121		12/03	125.6	127.0	127.7	1.9	0.6
Book stores	451211		06/00	156.2	158.0	158.8	1.9	0.5
Primary services		451211-P	06/00	156.3	157.7	158.6	1.7	0.6
Book store services		451211-1	06/00	156.3	157.7	158.6	1.7	0.6
Retailing of books		451211-101	06/14	104.8	105.9	106.7	2.8	0.8
Retailing of all other goods		451211-102	06/14	104.3	105.0	105.2	-0.6	0.2
General merchandise stores	452		12/03	125.1	125.9	123.4	-0.2	-2.0
Department stores	4521		12/03	118.4	120.5	117.7	-0.3	-2.3
Department stores	45211		12/03	118.4	120.5	117.7	-0.3	-2.3
Department stores, except discount	452111		12/03	96.6	99.6	94.5	-7.1	-5.1
Primary services		452111-P	12/03	96.6	99.1	93.9	-7.7	-5.2
Department store services, except discount department stores		452111-1	12/03	96.6	99.1	93.9	-7.7	-5.2
Discount department stores	452112		12/03	140.4	141.9	140.7	3.6	-0.8
Primary services		452112-P	06/02	154.6	156.3	155.0	3.6	-0.8
Discount department store services		452112-1	06/02	154.6	156.3	155.0	3.6	-0.8
Other general merchandise stores	4529		12/03	124.5	124.1	122.0	0.0	-1.7
Other general merchandise stores	452900		12/03	124.5	124.1	122.0	0.0	-1.7
Primary services		452900-P	12/03	124.5	124.1	122.0	0.0	-1.7
Other general merchandise store services		452900-1	12/03	124.5	124.1	122.0	0.0	-1.7
Warehouse clubs and supercenters		452900-11	12/03	114.8	114.2	112.0	-0.3	-1.9
All other general merchandise stores		452900-12	12/03	135.5	135.9	135.9	1.3	0.0
Florists	4531		12/03	119.7	121.6	121.5	-1.2	-0.1
Florists	45311		12/03	119.7	121.6	121.5	-1.2	-0.1
Florists	453110		06/00	129.6	131.6	131.5	-1.2	-0.1
Primary services		453110-P	06/00	129.6	131.9	131.8	-1.3	-0.1
Florist services		453110-1	06/00	129.6	131.9	131.8	-1.3	-0.1
Retailing of flowers, plants, and nursery supplies		453110-11	06/14	102.2	103.5	103.4	-1.2	-0.1
Retailing of all other goods		453110-12	06/14	94.5	99.2	99.2	-1.4	0.0
Office supplies, stationery and gift stores	4532		12/03	139.7	142.1	143.8	2.6	1.2
Office supplies and stationery stores	45321		12/03	176.5	182.4	186.6	5.5	2.3
Office supplies and stationery stores	453210		06/00	223.5	231.0	236.3	5.5	2.3
Primary services		453210-P	06/00	224.8	232.4	237.7	5.5	2.3
Office supplies and stationery store services		453210-1	06/00	224.8	232.4	237.7	5.5	2.3
Gift, novelty and souvenir stores	45322		12/03	106.8	106.5	106.3	-0.7	-0.2
Gift, novelty, and souvenir stores	453220		06/00	107.1	106.9	106.7	-0.7	-0.2
Primary services		453220-P	06/00	107.1	106.9	106.7	-0.7	-0.2
Gift, novelty, and souvenir store services		453220-1	06/00	107.1	106.9	106.7	-0.7	-0.2
Retailing of greeting cards, souvenirs, and novelty items		453220-11	06/14	98.9	97.9	97.5	-1.8	-0.4
Retailing of all other goods and related services		453220-12	06/14	101.7	102.6	102.7	0.6	0.1
Manufactured (mobile) home dealers	45393		12/03	115.8	117.3	117.3	2.0	0.0
Manufactured (mobile) home dealers	453930		12/02	122.4	124.0	124.0	2.1	0.0
Primary services		453930-P	12/02	122.6	124.3	124.3	2.1	0.0
Manufactured (mobile) home dealer services		453930-1	12/02	122.6	124.3	124.3	2.1	0.0
Nonstore retailers	454		12/03	154.0	156.9	157.8	-3.2	0.6
Electronic and mail-order shopping	454110		06/06	108.5	108.5	109.1	-0.6	0.6
Primary services		454110-P	06/06	108.8	108.9	109.4	-0.7	0.5
Electronic and mail-order shopping services		454110-1	06/06	108.8	108.9	109.4	-0.7	0.5
Electronic and mail-order drugs, health aids, and cosmetics		454110-11	06/13	111.7	110.5	112.2	2.1	1.5
Electronic and mail-order apparel and footwear		454110-12	06/13	86.4	87.2	85.4	1.7	-2.1
Electronic and mail-order electronic goods, including appliances		454110-13	06/13	91.5	91.6	90.8	-3.6	-0.9
Electronic and mail-order home furnishings, hardware, and related goods		454110-14	06/13	112.7	110.3	113.0	1.9	2.4

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Electronic and mail-order shopping - Continued								
Electronic and mail-order services for all other goods		454110-15	06/13	99.7	100.9	101.5	-2.5	0.6
Vending machine operators	4542		12/03	142.6	140.7	140.7	4.4	0.0
Vending machine operators	45421		12/03	142.6	140.7	140.7	4.4	0.0
Vending machine operators	454210		06/00	151.1	149.1	149.1	4.4	0.0
Primary services		454210-P	06/00	151.1	149.1	149.1	4.3	0.0
Vending machine operator services		454210-1	06/00	151.1	149.1	149.1	4.3	0.0
Fuel dealers	45431		06/00	193.6	204.6	206.3	-8.1	0.8
Fuel dealers	454310		06/00	193.6	204.6	206.3	-8.1	0.8
Primary services		454310-P	06/00	201.1	212.6	214.6	-7.3	0.9
Fuel dealer services		454310-1	06/00	201.1	212.6	214.6	-7.3	0.9
Air transportation	481		12/92	222.4	219.2	219.6	-3.2	0.2
Scheduled air transportation	4811		12/89	273.7	269.6	270.0	-3.3	0.1
Scheduled air transportation	48111		12/89	273.7	269.6	270.0	-3.3	0.1
Scheduled passenger air transportation	481111		12/89	278.6	273.9	274.4	-3.8	0.2
Primary services		481111-P	12/89	304.5	299.3	299.8	-3.9	0.2
Domestic		481111-1	12/89	329.5	322.9	320.6	-3.5	-0.7
First class, including business		481111-101	12/99	156.0	158.6	141.5	-6.1	-10.8
Coach		481111-102	12/99	189.5	184.9	185.8	-3.2	0.5
International		481111-2	12/89	205.0	204.1	212.4	-5.6	4.1
Scheduled freight air transportation	481112		12/03	152.7	153.6	153.4	2.8	-0.1
Primary services		481112-P	12/87	183.2	183.4	183.1	0.4	-0.2
Scheduled freight air transportation services		481112-1	12/87	192.0	192.2	191.9	0.4	-0.2
Domestic scheduled freight air transportation services		481112-101	12/14	114.6	112.2	113.7	-1.8	1.3
International scheduled freight air transportation services		481112-102	12/14	87.6	88.9	87.9	1.7	-1.1
Scheduled mail air transportation services		481112-2	12/87	150.7	150.6	150.5	-0.1	-0.1
Nonscheduled air transportation	4812		12/96	166.1	165.2	165.3	-1.7	0.1
Nonscheduled air transportation	48121		12/96	166.1	165.2	165.3	-1.7	0.1
Nonscheduled air passenger chartering	481211		06/92	173.6	172.5	172.7	-3.0	0.1
Primary services		481211-P	12/00	137.8	136.9	136.9	-3.2	0.0
Domestic nonscheduled air passenger services		481211-1	06/08	97.2	96.6	96.6	-2.9	0.0
International nonscheduled air passenger services		481211-2	06/08	102.7	101.8	101.8	-4.6	0.0
Other receipts		481211-SM	06/92	275.4	275.4	276.4	-2.2	0.4
Nonscheduled air freight chartering	481212		06/08	112.3	112.5	112.7	8.3	0.2
Primary services		481212-P	06/08	108.6	107.3	107.8	5.4	0.5
Domestic nonscheduled air freight services		481212-1	06/08	118.2	116.1	116.8	8.4	0.6
International nonscheduled air freight services		481212-2	06/08	89.0	89.2	89.2	-2.2	0.0
Other receipts		481212-SM	06/08	143.9	–	–	–	–
Rail transportation	482		12/96	173.2	174.9	175.7	-2.2	0.5
Rail transportation	4821		12/96	173.2	174.9	175.7	-2.2	0.5
Rail transportation	48211		12/96	173.2	174.9	175.7	-2.2	0.5
Line-haul railroads	482111		12/84	193.2	195.1	196.0	-2.2	0.5
Primary services		482111-P	12/84	193.2	195.1	196.0	-2.2	0.5
Freight rail transportation		482111-4	05/15	96.1	97.1	97.6	-2.3	0.5
Carload freight rail transportation		482111-411	12/96	180.7	180.8	182.1	-2.1	0.7
Intermodal freight rail transportation		482111-412	12/96	140.5	147.7	147.0	-3.2	-0.5
Passenger rail transportation		482111-5	12/96	159.0	159.0	159.0	1.7	0.0
Coach service class		482111-506	06/05	141.8	141.8	141.8	1.7	0.0
All other service classes		482111-507	06/05	140.0	140.0	140.0	1.8	0.0
Water transportation	483		12/03	131.3	132.9	131.6	-5.8	-1.0
Deep sea freight transportation	483111		06/88	238.4	239.3	237.0	-8.5	-1.0
Primary services		483111-P	06/88	243.5	244.4	242.1	-8.5	-0.9
Deep sea freight transportation services		483111-5	06/88	243.5	244.4	242.1	-8.5	-0.9
Coastal and Great Lakes freight transport	483113		12/03	168.3	172.0	167.9	-4.9	-2.4
Primary services		483113-P	12/03	165.3	169.1	164.8	-5.2	-2.5
Coastal and intercoastal freight transportation		483113-1	12/03	158.5	164.3	156.5	-6.8	-4.7
Great Lakes - St. Lawrence Seaway freight transportation		483113-2	12/91	–	185.9	186.8	-3.7	0.5
Coastal and intercoastal towing transportation		483113-3	12/03	183.1	184.6	183.8	-3.6	-0.4
Inland water transportation	4832		12/03	168.6	169.6	174.5	-1.3	2.9
Inland water transportation	48321		12/03	168.6	169.6	174.5	-1.3	2.9

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Inland water freight transportation	483211		12/90	213.9	215.2	221.4	-1.3	2.9
Primary services		483211-P	12/90	217.1	218.4	224.8	-1.1	2.9
Inland waterways freight transportation (except towing)		483211-1	12/03	175.0	178.4	181.8	-0.8	1.9
Inland waterways towing transportation		483211-2	12/03	143.6	138.3	147.2	-2.3	6.4
Truck transportation	484		12/03	131.0	131.5	131.6	-1.0	0.1
General freight trucking	4841		12/03	133.7	133.7	133.9	-1.0	0.1
General freight trucking, local	48411		12/03	133.6	131.4	131.8	-2.6	0.3
General freight trucking, local	484110		12/03	133.6	131.4	131.8	-2.6	0.3
Primary services		484110-P	06/93	148.4	148.7	148.7	-1.3	0.0
General freight trucking services, local		484110-1	06/93	148.4	148.7	148.7	-1.3	0.0
General freight trucking, local, truckload		484110-15	06/09	105.1	105.3	105.3	–	0.0
General freight trucking, local, less than truckload		484110-16	06/09	105.7	105.9	105.9	–	0.0
Other receipts		484110-SM	12/03	132.6	122.4	124.0	-6.8	1.3
General freight trucking, long-distance	48412		12/03	133.9	134.3	134.4	-0.7	0.1
General freight trucking, long-distance TL	484121		12/03	123.2	122.6	123.0	-3.1	0.3
Primary services		484121-P	06/92	138.7	137.9	138.5	-4.2	0.4
General freight trucking, long-distance, truckload		484121-2	06/92	138.7	137.9	138.5	-4.2	0.4
Other receipts		484121-SM	12/03	149.2	–	–	–	–
General freight trucking, long-distance LTL	484122		12/03	158.3	161.3	160.8	3.9	-0.3
Primary services		484122-P	06/92	267.7	272.8	271.6	3.8	-0.4
General freight trucking, long-distance less than truckload		484122-1	06/92	267.7	272.8	271.6	3.8	-0.4
Other receipts		484122-SM	12/03	153.0	154.7	158.7	4.7	2.6
Specialized freight trucking	4842		12/03	125.0	127.0	126.6	-0.9	-0.3
Used household and office goods moving	48421		12/03	124.5	125.3	125.6	-0.9	0.2
Used household and office goods moving	484210		12/03	124.4	125.3	125.6	-0.9	0.2
Primary services		484210-P	12/03	126.7	127.8	128.2	-0.8	0.3
Used household and office goods moving, except local		484210-2	06/92	190.4	192.4	193.1	-1.1	0.4
Residential moving services, except local		484210-21	09/15	98.2	99.1	99.4	–	0.3
Commercial and other goods moving services, except local		484210-22	09/15	98.6	100.0	100.6	–	0.6
Used household and office goods moving, local		484210-4	12/03	117.1	117.4	117.5	0.1	0.1
Residential moving services, local		484210-41	09/15	100.1	100.1	100.1	–	0.0
Commercial and other goods moving services, local		484210-42	09/15	98.6	99.6	100.0	–	0.4
Specialized freight (except used) trucking, local	48422		12/03	131.1	133.4	132.2	-1.0	-0.9
Other specialized trucking, local	484220		12/03	131.1	133.4	132.2	-1.0	-0.9
Primary services		484220-P	06/93	160.0	162.3	160.7	-1.5	-1.0
Specialized freight (except used goods) trucking, local		484220-6	06/93	160.0	162.3	160.7	-1.5	-1.0
Local hazardous materials trucking (except waste)		484220-601	06/13	96.4	104.8	104.8	–	0.0
Local agricultural products trucking without storage		484220-602	06/13	83.0	83.0	83.0	–	0.0
Dump trucking		484220-603	06/13	100.8	101.1	100.5	–	-0.6
Local specialized trucking without storage		484220-604	06/13	96.8	98.4	95.5	–	-2.9
Other receipts		484220-SM	12/03	126.6	132.1	131.8	3.3	-0.2
Specialized freight (except used) trucking, long-distance	48423		12/03	119.0	121.1	121.1	-1.1	0.0
Other specialized trucking, long-distance	484230		12/03	119.0	121.1	121.1	-1.1	0.0
Primary services		484230-P	06/01	119.2	122.1	122.3	-1.3	0.2
Specialized freight (except used goods) trucking, long-distance		484230-6	06/01	119.2	122.1	122.3	-1.3	0.2
Hazardous materials trucking (except waste), long-distance		484230-601	06/13	94.5	102.2	103.0	–	0.8
Agricultural products trucking, long-distance		484230-602	06/13	97.8	99.7	100.0	–	0.3
Other specialized trucking, long-distance		484230-603	06/13	95.5	96.8	96.7	–	-0.1
Other receipts		484230-SM	12/03	128.9	129.3	129.2	-0.7	-0.1
Pipeline transportation of crude oil	4861		12/03	236.6	239.1	236.8	0.0	-1.0
Pipeline transportation of crude oil	48611		12/03	236.6	239.1	236.8	0.0	-1.0
Pipeline transportation of crude oil	486110		06/86	262.2	265.0	262.5	0.1	-0.9
Primary services		486110-P	06/86	262.4	265.2	262.6	0.0	-1.0
Pipeline transportation of crude oil		486110-3	06/86	254.6	257.3	254.8	0.0	-1.0
Trans-Alaskan Pipeline System transportation		486110-311	06/86	152.8	152.8	153.2	-0.4	0.3
Pipeline transportation of crude petroleum, except on the Trans-Alaskan Pipeline System		486110-312	06/86	332.9	337.0	333.2	0.1	-1.1
Other pipeline transportation	4869		12/03	172.0	172.3	171.6	0.1	-0.4
Pipeline transportation of refined petroleum products	48691		12/03	172.0	172.3	171.6	0.1	-0.4
Refined petroleum product pipeline transport	486910		06/86	196.9	197.2	196.4	0.2	-0.4
Primary services		486910-P	06/86	197.2	197.6	196.8	0.2	-0.4
Pipeline transportation of refined petroleum products		486910-1	06/86	200.0	200.4	199.6	0.2	-0.4

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Transportation support activities	488		12/03	118.8	118.9	119.1	-0.3	0.2
Air transportation support activities	4881		12/96	168.1	168.3	169.1	0.5	0.5
Airport operations	48811		12/03	130.4	130.3	131.3	-0.6	0.8
Other airport operations	488119		12/03	130.4	130.3	131.3	-0.6	0.8
Primary services		488119-P	06/92	180.6	180.5	181.9	-0.5	0.8
Aeronautical services		488119-5	06/14	103.4	103.8	103.5	0.7	-0.3
Landing fees		488119-501	06/14	103.7	103.4	102.5	0.9	-0.9
Terminal rental		488119-502	06/14	106.1	105.8	105.3	-0.9	-0.5
Other aeronautical services		488119-503	06/14	101.8	102.9	102.9	1.4	0.0
Non-aeronautical services		488119-6	06/14	101.7	100.6	103.8	-2.8	3.2
Airport parking		488119-601	06/14	103.7	103.7	105.4	2.4	1.6
Lease space for rental cars		488119-602	06/14	104.1	99.4	103.3	-10.5	3.9
Lease space for concessions		488119-603	06/92	149.1	149.0	162.2	-6.0	8.9
Other non-aeronautical services		488119-604	06/14	101.8	101.8	99.8	-1.6	-2.0
Other air transportation support activities	48819		12/03	136.6	137.2	137.2	2.3	0.0
Other support activities for air transport	488190		12/03	136.6	137.2	137.2	2.3	0.0
Primary services		488190-P	06/92	175.4	176.2	176.1	2.3	-0.1
Other air transportation support activities		488190-5	06/07	121.8	122.3	122.3	2.3	0.0
Other receipts		488190-SM	06/92	156.8	157.6	–	–	–
Water transportation support activities	4883		12/03	134.9	134.6	134.4	2.3	-0.1
Port and harbor operations	48831		12/03	153.6	153.6	155.6	1.9	1.3
Port and harbor operations	488310		12/03	153.6	153.6	155.6	1.9	1.3
Primary services		488310-P	12/03	155.9	155.9	157.9	1.9	1.3
Port and harbor services		488310-1	12/03	155.9	155.9	157.9	1.9	1.3
Marine cargo handling	48832		12/03	133.9	134.7	133.7	2.8	-0.7
Marine cargo handling	488320		12/91	150.8	151.7	150.6	2.9	-0.7
Primary services		488320-P	12/91	146.3	147.1	145.5	1.3	-1.1
Movement of containers		488320-8	12/98	131.7	132.5	130.9	1.2	-1.2
Other marine cargo handling		488320-9	12/98	134.3	134.3	134.4	2.1	0.1
Navigational services to shipping	48833		12/03	125.1	122.2	122.2	1.4	0.0
Navigational services to shipping	488330		12/92	164.1	160.3	160.3	1.4	0.0
Primary services		488330-P	12/92	166.8	163.0	163.0	1.4	0.0
Navigational services to shipping and salvage		488330-1	12/92	166.8	163.0	163.0	1.4	0.0
Freight transportation arrangement	4885		12/96	99.6	99.7	99.7	-1.8	0.0
Freight transportation arrangement	48851		12/96	99.6	99.7	99.7	-1.8	0.0
Freight transportation arrangement	488510		12/94	101.7	101.8	101.8	-1.7	0.0
Primary services		488510-P	12/94	101.5	101.6	101.6	-1.8	0.0
Freight forwarding		488510-1	12/94	92.5	92.5	92.5	-1.7	0.0
Arrangement of freight and cargo n.e.c.		488510-2	12/94	110.4	110.6	110.6	-1.9	0.0
U.S. Postal Service	491		06/89	221.0	213.3	213.3	-2.3	0.0
U.S. Postal Service	4911		06/89	221.0	213.3	213.3	-2.3	0.0
U.S. Postal Service	49111		06/89	221.0	213.3	213.3	-2.3	0.0
U.S. Postal Service	491110		06/89	221.0	213.3	213.3	-2.3	0.0
Primary services		491110-P	06/89	221.0	213.3	213.3	-2.3	0.0
Mailing services (market dominant services)		491110-7	12/12	111.2	106.7	106.7	-4.0	0.0
First class mail		491110-71	06/89	199.5	191.4	191.4	-4.1	0.0
Retail letters		491110-711	12/12	108.9	104.5	104.5	-4.0	0.0
Commercial letters		491110-712	12/12	111.2	106.7	106.7	-4.0	0.0
Retail and commercial flats		491110-713	12/12	111.0	106.3	106.3	-4.2	0.0
Other first class mail and fees		491110-714	12/12	118.0	113.4	113.4	-3.9	0.0
Periodicals mail		491110-72	06/89	258.4	247.3	247.3	-4.3	0.0
Outside county		491110-721	06/89	263.0	251.7	251.7	-4.3	0.0
Other periodicals mail and fees		491110-722	12/12	111.7	107.3	107.3	-3.9	0.0
Standard class mail		491110-73	06/89	250.6	240.7	240.7	-4.0	0.0
High density and saturation flats and parcels		491110-731	12/12	108.9	104.6	104.6	-3.9	0.0
Carrier route basic mail		491110-732	12/12	109.2	104.6	104.6	-4.2	0.0
Bulk letters		491110-733	12/12	110.5	106.1	106.1	-4.0	0.0
Bulk flats		491110-734	12/12	109.9	105.7	105.7	-3.8	0.0
Other standard mail and fees		491110-735	12/12	113.9	109.6	109.6	-3.8	0.0
Package services mail		491110-74	06/89	253.7	243.0	243.0	-4.2	0.0
Special services and fees		491110-75	06/89	267.7	257.5	257.5	-3.8	0.0
Shipping services (competitive services)		491110-8	12/12	124.2	124.2	124.2	9.9	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
U.S. Postal Service - Continued								
Domestic priority mail		491110-81	06/89	292.3	292.3	292.3	9.4	0.0
Other shipping services and shipping special services & fees		491110-82	12/12	143.1	143.1	143.1	10.6	0.0
Couriers and messengers	492		12/03	203.5	204.3	205.5	0.9	0.6
Couriers and express delivery services	4921		12/03	209.1	209.9	211.2	1.0	0.6
Couriers and express delivery services	49211		12/03	209.1	209.9	211.2	1.0	0.6
Couriers and express delivery services	492110		12/03	209.1	209.9	211.2	1.0	0.6
Primary services		492110-P	12/03	209.8	210.6	211.9	1.0	0.6
Standard courier services		492110-1	12/92	322.8	322.8	324.4	0.7	0.5
Expedited courier services		492110-2	12/87	292.1	294.9	297.4	1.5	0.8
Domestic expedited courier services		492110-201	12/98	258.6	261.2	263.4	1.9	0.8
International expedited courier services		492110-202	12/98	245.0	247.4	249.3	0.6	0.8
Local messengers and local delivery	4922		12/03	125.7	127.2	127.0	0.5	-0.2
Local messengers and local delivery	49221		12/03	125.7	127.1	127.0	0.5	-0.1
Local messengers and local delivery	492210		12/03	125.6	127.1	127.0	0.5	-0.1
Primary services		492210-P	12/92	162.5	164.4	164.2	0.4	-0.1
Local messengers and local delivery services		492210-1	12/92	162.5	164.4	164.2	0.4	-0.1
Warehousing and storage	493		12/06	102.2	102.8	102.8	0.9	0.0
Warehousing and storage	4931		12/06	102.1	102.8	102.8	1.0	0.0
General warehousing and storage	49311		12/03	103.0	103.9	103.9	1.2	0.0
General warehousing and storage	493110		12/03	103.1	104.0	103.9	1.1	-0.1
Primary services		493110-P	06/93	111.9	112.9	112.9	1.3	0.0
General warehousing and storage services		493110-1	06/93	111.9	112.9	112.9	1.3	0.0
Refrigerated warehousing and storage	49312		12/03	117.8	117.8	117.8	0.3	0.0
Refrigerated warehousing and storage	493120		12/91	129.4	129.4	129.4	0.2	0.0
Primary services		493120-P	12/91	129.1	129.1	129.1	0.2	0.0
Warehousing and storage of refrigerated goods		493120-2	12/91	129.2	129.2	129.2	0.2	0.0
Farm product warehousing and storage	49313		12/03	111.7	111.7	111.7	0.3	0.0
Farm product warehousing and storage	493130		12/92	129.9	129.9	129.9	0.3	0.0
Primary services		493130-P	12/92	127.8	127.8	127.8	0.2	0.0
Farm product warehousing and storage services		493130-1	12/92	127.8	127.8	127.8	0.2	0.0
Publishing industries, except Internet	511		12/03	114.8	114.7	114.4	0.5	-0.3
Newspaper, book, and directory publishers	5111		12/03	130.0	129.8	129.9	0.6	0.1
Newspaper publishers	51111		12/79	503.9	501.5	501.5	0.2	0.0
Newspaper publishers	511110		12/79	505.0	502.6	502.8	0.4	0.0
Primary services		511110-P	12/79	519.0	516.5	516.5	0.2	0.0
Newspaper advertising sales		511110-5	09/15	99.4	98.7	98.5	–	-0.2
Newspaper advertising sales, print only		511110-51	09/15	98.9	98.4	98.1	–	-0.3
Newspaper advertising sales, digital only and print and digital bundled		511110-52	09/15	103.2	101.0	101.7	–	0.7
Newspaper subscription and single copy sales		511110-6	09/15	104.4	104.4	104.9	–	0.5
Newspaper subscriptions, print only		511110-61	09/15	104.7	104.4	105.0	–	0.6
Newspaper subscriptions, online only and print and online bundled		511110-62	09/15	101.1	104.9	103.3	–	-1.5
Periodical publishers	51112		12/79	426.9	427.7	428.4	0.7	0.2
Periodical publishers	511120		12/79	426.8	427.6	428.3	0.7	0.2
Primary services		511120-P	12/79	440.1	439.9	439.6	0.5	-0.1
Periodicals, advertising sales		511120-2	12/14	102.2	102.5	102.4	0.8	-0.1
Specialized business and professional periodicals, advertising sales		511120-21	12/79	452.1	458.8	462.3	-0.7	0.8
General and consumer periodicals, advertising sales		511120-22	12/79	638.3	639.6	638.2	1.0	-0.2
Periodicals, subscriptions and single copy sales		511120-5	12/14	101.0	100.5	100.5	0.2	0.0
Specialized business and professional periodicals, subscriptions and single copy sales		511120-51	12/79	530.9	530.8	530.8	2.1	0.0
General and consumer periodicals, subscriptions and single copy sales		511120-52	12/06	99.8	99.1	99.1	-0.8	0.0
Other receipts		511120-SM	12/79	369.7	377.2	384.1	2.1	1.8
Book publishers	51113		12/84	315.0	313.2	313.9	1.2	0.2
Book publishers	511130		12/80	428.9	426.4	427.5	1.2	0.3
Primary services		511130-P	12/80	429.5	427.8	429.0	1.5	0.3
Print book publishing		511130-F	09/15	101.0	100.4	100.5	–	0.1
General adult and juvenile book publishing		511130-F1	06/09	102.6	101.2	101.8	-3.6	0.6
General adult book publishing		511130-F11	06/09	105.4	104.3	104.6	-1.2	0.3
Juvenile book publishing		511130-F12	06/09	95.5	92.9	94.3	-10.5	1.5
Textbook publishing, including teachers' editions and workbooks		511130-F2	12/80	783.0	777.8	777.8	1.1	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Book publishers - Continued								
College textbook publishing		511130-F21	12/80	914.9	900.9	900.9	1.4	0.0
Elementary and high school textbook publishing		511130-F22	12/02	165.9	165.9	165.9	1.0	0.0
Technical, scientific, and professional book publishing		511130-F3	12/80	525.1	525.9	525.9	3.4	0.0
General reference book publishing		511130-F4	12/80	190.6	191.8	191.0	3.7	-0.4
Religious book publishing		511130-F5	12/80	233.7	232.7	230.5	0.5	-0.9
Digital book publishing		511130-G	09/15	104.8	105.3	106.2	–	0.9
Ebook publishing		511130-G1	09/15	105.7	106.4	106.3	–	-0.1
Other digital book publishing		511130-G2	09/15	103.2	103.2	106.1	–	2.8
Other receipts		511130-SM	12/80	420.2	409.9	409.9	-1.9	0.0
Directory and mailing list publishers	51114		12/03	121.2	121.3	121.3	0.7	0.0
Directory and mailing list publishers	511140		12/03	121.2	121.3	121.3	0.7	0.0
Primary services		511140-P	12/03	120.9	121.0	121.0	0.5	0.0
Directory and mailing list publishing - advertising sales incl. telephone directory listings		511140-1	09/84	290.8	290.9	291.0	0.4	0.0
Directory and mailing list publishing - subscription, content, and licensing sales		511140-5	01/08	110.8	111.4	111.1	1.2	-0.3
Other publishers	51119		12/03	111.4	112.1	111.9	0.4	-0.2
Greeting card publishers	511191		12/85	195.0	197.0	196.4	0.8	-0.3
Primary services		511191-P	12/85	214.9	216.7	216.0	0.6	-0.3
Greeting card publishing		511191-3	12/85	217.1	218.9	218.2	0.6	-0.3
Other receipts		511191-SM	12/85	–	–	148.7	3.8	–
All other publishers	511199		12/03	123.5	123.2	123.2	-0.6	0.0
Primary services		511199-P	12/03	124.8	124.5	124.5	-0.6	0.0
All other publishing including yearbooks, art prints, patterns, and trading cards		511199-6	12/03	124.8	124.5	124.5	-0.6	0.0
Other receipts		511199-SM	12/03	112.8	112.9	112.9	0.1	0.0
Software publishers	5112		12/03	91.5	91.6	90.8	0.3	-0.9
Software publishers	51121		12/03	91.5	91.6	90.8	0.3	-0.9
Software publishers	511210		12/97	86.4	86.5	85.8	0.4	-0.8
Primary services		511210-P	12/97	87.1	87.1	86.4	0.3	-0.8
Software publishing, except games		511210-5	06/06	94.3	94.0	93.4	-0.1	-0.6
Application software publishing		511210-502	12/97	99.6	98.7	98.5	-0.4	-0.2
Desktop and portable device application software publishing		511210-50201	06/06	96.0	97.4	95.4	-2.6	-2.1
Other application software publishing		511210-50202	06/06	110.5	108.4	109.0	0.6	0.6
Software maintenance, technical support, and other services related to software publishing		511210-504	12/97	152.5	152.8	152.8	-0.5	0.0
Game software publishing		511210-7	12/13	87.3	92.0	88.1	5.8	-4.2
Other receipts		511210-SM	12/97	60.7	61.2	60.9	0.3	-0.5
Broadcasting, except Internet	515		12/03	121.9	122.8	122.4	1.4	-0.3
Radio and television broadcasting	5151		06/01	98.2	99.9	100.2	4.8	0.3
Radio broadcasting	51511		12/03	95.6	96.5	97.0	6.9	0.5
Radio broadcasting	515110		06/88	172.7	174.2	175.2	6.9	0.6
Primary services		515110-P	06/88	176.1	177.8	178.8	7.1	0.6
Radio station services		515110-1	06/88	185.9	188.0	189.4	8.4	0.7
Radio station advertising sales		515110-101	06/88	186.4	188.8	190.3	9.2	0.8
Radio station advertising sales, local		515110-10101	12/95	144.0	146.3	147.8	10.0	1.0
Radio station advertising sales, national and regional		515110-10102	12/95	114.4	114.3	113.6	5.8	-0.6
Other radio station services		515110-102	12/03	96.4	96.4	96.4	0.0	0.0
Radio network and national syndication services		515110-2	12/95	116.6	116.6	116.6	1.9	0.0
Other receipts		515110-SM	12/03	108.2	108.2	108.2	2.9	0.0
Television broadcasting	51512		12/03	94.4	96.5	96.6	3.8	0.1
Television broadcasting	515120		06/01	95.8	97.9	98.0	3.8	0.1
Primary services		515120-P	06/01	85.5	87.7	87.9	4.5	0.2
Television advertising sales		515120-3	06/08	93.3	95.8	96.0	4.7	0.2
Network compensation and other television broadcasting services		515120-4	06/08	106.6	107.1	107.0	2.1	-0.1
Other receipts		515120-SM	06/01	93.6	–	–	–	–
Cable and other subscription programming	5152		12/03	138.6	138.5	137.4	-1.0	-0.8
Cable and other subscription programming	51521		12/03	141.0	140.9	139.8	-1.0	-0.8
Cable and other subscription programming	515210		12/03	138.7	138.6	137.5	-0.9	-0.8
Primary services		515210-P	12/03	144.9	144.8	143.7	-1.0	-0.8
Cable network advertising services		515210-1	06/93	233.0	232.3	228.8	-4.1	-1.5
Cable network programming services		515210-2	06/93	213.3	213.8	213.8	2.6	0.0
Telecommunications	517		12/03	99.3	99.4	99.3	-0.7	-0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Wired telecommunications carriers	5171		06/99	99.2	99.4	99.6	2.0	0.2
Wired telecommunications carriers	51711		12/03	114.4	114.7	114.8	2.0	0.1
Wired telecommunications carriers	517110		12/03	114.4	114.7	114.8	2.0	0.1
Primary products		517110-P	12/03	114.2	114.5	114.7	2.1	0.2
Local telephone service, except private lines		517110-1	12/03	126.2	126.5	127.4	2.7	0.7
Residence local telephone service		517110-111	12/03	141.1	141.4	142.8	4.5	1.0
Business and other local telephone service		517110-112	12/03	107.5	107.7	108.1	-0.4	0.4
Public switched toll service		517110-2	12/03	114.6	114.7	116.9	4.6	1.9
Residence switched toll service		517110-21	12/03	168.2	168.7	173.7	5.5	3.0
Business switched toll and other toll service		517110-22	12/03	57.9	57.8	57.6	2.9	-0.3
Private line telephone service		517110-3	12/03	101.5	101.5	100.3	-1.2	-1.2
All-distance telephone service		517110-4	12/11	119.0	119.0	119.1	3.1	0.1
Video programming distribution		517110-5	12/03	136.6	137.2	137.2	4.4	0.0
Video programming subscriber services		517110-501	06/93	187.2	188.1	188.1	4.9	0.0
Advertising services		517110-502	06/93	151.1	151.1	151.1	0.0	0.0
Internet access services		517110-6	06/04	64.5	64.6	64.6	-0.8	0.0
Residential Internet access services		517110-601	12/11	100.9	101.2	101.2	-0.8	0.0
Business Internet access services		517110-602	12/11	99.2	99.2	99.2	-0.5	0.0
Bundled access services		517110-7	12/11	104.0	104.4	104.4	1.8	0.0
Other wired telecommunications services		517110-9	12/03	103.2	102.8	102.8	-0.2	0.0
Wireless telecommunications carriers	5172		12/03	54.2	54.0	53.6	-7.6	-0.7
Wireless telecommunications carriers	51721		12/03	54.2	54.0	53.6	-7.6	-0.7
Wireless telecommunications carriers	517210		06/99	49.6	49.3	49.0	-7.5	-0.6
Primary services		517210-P	06/99	49.0	48.8	48.4	-7.6	-0.8
Wireless telecommunications services		517210-1	06/99	49.0	48.8	48.4	-7.6	-0.8
Data processing and related services	5182		12/03	103.3	105.0	105.5	1.6	0.5
Data processing and related services	51821		12/03	103.3	105.0	105.5	1.6	0.5
Data processing, hosting and related services	518210		12/00	106.7	108.4	108.9	1.6	0.5
Primary services		518210-P	12/00	105.9	106.4	106.1	-0.5	-0.3
Business process management services		518210-1	12/00	110.1	110.1	110.1	-1.1	0.0
Data management, information transformation, and related services		518210-4	12/00	105.4	105.5	105.4	0.1	-0.1
Hosting, ASP, and other IT infrastructure provisioning services		518210-5	12/06	100.5	101.6	100.9	-0.1	-0.7
Other receipts		518210-SM	12/00	107.4	113.8	117.8	9.7	3.5
Internet publishing and web search portals	519130		12/09	89.5	88.5	87.5	-2.2	-1.1
Primary services		519130-P	12/09	91.3	90.2	89.3	-2.1	-1.0
Internet publishing and web search portals - advertising sales		519130-1	12/09	79.5	78.2	76.3	-4.3	-2.4
Internet publishing and web search portals - search and textual advertising sales		519130-101	12/09	81.0	81.3	80.0	0.8	-1.6
Internet publishing and web search portals - display and other advertising sales		519130-102	12/09	79.1	75.8	73.3	-10.1	-3.3
Internet publishing and web search portals - video display advertising sales		519130-10201	05/16	–	99.9	100.3	–	0.4
Internet publishing and web search portals - display & other ad sales, excluding video		519130-10202	05/16	–	98.9	98.5	–	-0.4
Internet publishing and web search portals - subscription, content access, and licensing sales		519130-2	12/09	111.8	111.1	111.7	0.6	0.5
Other receipts		519130-SM	12/09	58.8	58.8	57.6	-7.7	-2.0
Depository credit intermediation	5221		12/03	99.3	99.1	98.5	-2.0	-0.6
Commercial banking	52211		12/03	100.4	100.4	99.8	-1.7	-0.6
Commercial banking	522110		12/03	100.4	100.4	99.8	-1.7	-0.6
Primary services		522110-P	12/03	100.4	100.4	99.8	-1.7	-0.6
Loan services		522110-1	12/03	140.4	141.5	138.5	-3.3	-2.1
Residential real estate loans, except home equity		522110-101	12/03	96.2	96.1	95.2	-5.2	-0.9
Nonresidential real estate loans		522110-102	12/03	230.8	231.9	224.3	-5.3	-3.3
Home equity loans		522110-103	12/03	153.8	155.8	151.1	2.6	-3.0
Commercial, industrial, and agricultural loans, except real estate		522110-105	12/03	121.9	126.4	125.4	3.6	-0.8
New and used auto and truck loans		522110-106	12/03	91.2	97.3	92.6	-5.9	-4.8
Credit cards, overdraft credit, and related plans		522110-107	12/03	143.3	142.4	140.7	0.4	-1.2
Other loan services		522110-108	12/03	85.5	84.2	83.1	-3.4	-1.3
Deposit services		522110-2	12/03	61.3	60.4	61.5	1.0	1.8
Demand deposits		522110-201	12/11	97.6	96.4	98.5	-0.1	2.2
Time and other deposits		522110-202	12/11	125.1	123.1	125.0	2.5	1.5
Trust services		522110-3	12/03	102.3	105.4	105.5	-0.7	0.1
Other banking services		522110-4	12/03	104.6	102.6	103.3	-2.0	0.7
Savings institutions	52212		12/03	93.7	91.7	91.7	-3.7	0.0
Savings institutions	522120		12/03	93.7	91.7	91.7	-3.7	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Savings institutions - Continued								
Primary services		522120-P	12/03	93.8	91.9	91.8	-3.8	-0.1
Loan services		522120-1	12/03	109.9	106.4	106.3	-4.7	-0.1
Residential real estate loans, except home equity		522120-101	12/03	104.9	100.7	101.3	-7.7	0.6
Nonresidential real estate loans		522120-102	12/03	175.4	168.2	167.0	-4.5	-0.7
Home equity loans		522120-103	12/03	202.2	193.5	191.3	-3.0	-1.1
Commercial, industrial, and agricultural loans, except real estate		522120-105	12/03	135.4	132.1	129.6	0.2	-1.9
New and used auto and truck loans		522120-106	12/03	66.3	66.1	64.7	-4.7	-2.1
Credit cards, overdraft credit, and related plans		522120-109	12/11	107.5	105.6	107.0	6.9	1.3
Other loan services		522120-111	12/03	84.0	89.4	93.0	5.2	4.0
Deposit services		522120-2	12/03	80.4	85.9	85.9	3.4	0.0
Demand deposits		522120-201	12/11	81.5	86.5	87.3	5.1	0.9
Time and other deposits		522120-202	12/11	108.8	116.4	115.9	2.7	-0.4
Trusts and other banking services		522120-3	12/03	141.5	141.5	141.5	0.2	0.0
Security, commodity contracts and like activity	523		12/03	163.1	167.0	168.1	8.5	0.7
Securities and commodity contracts intermediation and brokerage	5231		06/00	117.2	118.1	120.4	18.7	1.9
Investment banking and securities dealing	52311		12/03	181.1	183.7	188.5	31.1	2.6
Investment banking and securities dealing	523110		12/03	179.8	182.4	187.2	31.1	2.6
Primary services		523110-P	12/03	191.6	194.3	199.3	31.0	2.6
Dealer transactions		523110-2	06/00	91.0	87.7	90.0	-5.5	2.6
Dealer transactions, equity securities		523110-201	06/05	92.7	88.3	90.0	-9.8	1.9
Dealer transactions, debt securities and all other trading		523110-202	06/00	116.9	113.8	117.4	-1.4	3.2
Investment banking services		523110-3	06/00	154.2	154.3	157.4	-3.2	2.0
Other securities dealing services		523110-4	12/03	188.5	202.6	208.6	211.3	3.0
Securities brokerage	52312		12/03	103.7	103.1	103.9	0.3	0.8
Securities brokerage	523120		12/03	103.6	103.1	103.8	0.2	0.7
Primary services		523120-P	12/03	102.9	102.3	103.1	0.3	0.8
Brokerage services		523120-1	06/00	93.6	92.8	93.8	-1.3	1.1
Brokerage services, equities and ETFs		523120-101	06/00	96.4	95.2	96.7	0.9	1.6
Brokerage services, all other securities		523120-102	06/00	84.7	84.7	84.5	-6.7	-0.2
Other securities related services including margin lending and mutual fund sales		523120-4	06/00	84.8	85.1	85.0	4.0	-0.1
Portfolio management	52392		12/03	210.7	220.2	218.2	-0.3	-0.9
Portfolio management	523920		06/02	208.0	217.3	215.4	-0.3	-0.9
Primary services		523920-P	06/02	219.5	229.4	227.3	-0.4	-0.9
Mutual fund management		523920-1	06/02	264.6	282.3	274.0	-1.0	-2.9
Private portfolio management		523920-2	06/02	201.2	208.8	208.3	-0.1	-0.2
Investment advice	52393		12/03	145.5	145.6	149.5	-1.5	2.7
Investment advice	523930		12/03	145.4	145.6	149.4	-1.5	2.6
Primary services		523930-P	06/02	148.4	148.6	152.5	-1.5	2.6
Investment advisory services		523930-1	06/02	148.4	148.6	152.5	-1.5	2.6
Insurance carriers and related activities	524		12/03	128.8	128.9	129.1	1.7	0.2
Insurance carriers	5241		12/03	129.2	129.2	129.4	1.7	0.2
Direct life/health/medical insurance carriers	52411		12/03	132.4	132.3	132.4	1.5	0.1
Direct life insurance carriers	524113		12/98	114.6	114.5	114.5	0.2	0.0
Primary services		524113-P	12/98	114.4	114.3	114.3	0.2	0.0
Life insurance policies		524113-1	12/98	108.1	108.0	108.0	0.1	0.0
Individual life insurance policies		524113-101	12/98	115.2	115.1	115.1	0.1	0.0
Term life insurance policies		524113-10101	12/98	112.2	111.9	111.9	-0.2	0.0
Whole life insurance policies		524113-10102	12/98	119.0	119.0	119.0	-0.2	0.0
Universal life insurance policies		524113-10103	12/98	113.3	113.1	113.1	0.4	0.0
Other individual life insurance policies		524113-10104	12/98	112.4	112.2	112.3	0.4	0.1
Group life insurance policies		524113-102	12/98	91.2	91.2	91.2	0.4	0.0
Annuities		524113-2	12/98	147.9	147.5	147.7	1.4	0.1
Variable deferred annuities		524113-201	12/98	173.9	173.3	174.2	2.4	0.5
Fixed-rate deferred annuities		524113-202	12/98	122.3	122.3	120.0	-1.2	-1.9
Immediate annuities		524113-203	12/98	141.6	140.8	144.4	2.1	2.6
Disabilty insurance policies		524113-3	06/06	103.2	103.2	103.2	-1.4	0.0
Direct health and medical insurance carriers	524114		12/02	162.3	162.2	162.4	2.1	0.1
Primary services		524114-P	12/02	163.7	163.7	163.8	2.1	0.1
Medical service plans		524114-1	12/02	170.1	170.1	170.3	2.3	0.1
Comprehensive medical service plans		524114-101	12/02	171.1	171.2	171.2	2.5	0.0
Group managed care medical service plans		524114-10101	12/02	170.9	171.0	171.0	2.0	0.0
Group fee-for-service medical service plans		524114-10102	12/02	169.0	169.2	169.2	3.0	0.0
Individual comprehensive medical service plans		524114-10103	12/02	248.3	248.4	248.4	6.6	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Direct health and medical insurance carriers - Continued								
Non-comprehensive medical service plans		524114-103	06/07	113.1	112.7	113.2	1.3	0.4
Dental service plans		524114-10301	12/02	128.0	127.1	128.2	2.3	0.9
Supplemental Medicare service plans		524114-10302	12/02	126.0	126.0	126.0	0.2	0.0
Other medical service plans		524114-10303	12/02	151.5	151.7	151.5	0.3	-0.1
Health insurance		524114-2	12/02	110.3	110.3	110.3	0.5	0.0
Other direct insurance carriers	52412		12/98	144.2	144.5	145.0	2.2	0.3
Direct property and casualty insurers	524126		06/98	144.3	144.6	145.1	2.2	0.3
Primary services		524126-P	06/98	144.4	144.7	145.2	2.2	0.3
Private passenger auto insurance		524126-1	06/98	161.2	161.9	163.1	4.0	0.7
Homeowner's insurance		524126-2	06/98	199.5	200.2	200.4	2.3	0.1
Commercial auto insurance		524126-3	06/98	111.3	111.3	111.3	0.1	0.0
Non-auto liability insurance		524126-4	06/98	117.6	117.6	117.7	-0.3	0.1
Medical malpractice insurance		524126-402	06/98	116.7	117.0	117.4	0.0	0.3
Product and other non-auto liability insurance		524126-403	06/98	117.5	117.4	117.4	-0.4	0.0
Commercial multiple peril insurance		524126-5	06/98	119.8	119.8	119.8	0.0	0.0
Worker's compensation insurance		524126-6	06/98	109.9	109.8	109.1	0.6	-0.6
Other property and casualty insurance		524126-7	12/03	113.4	113.3	113.5	0.9	0.2
Insurance agencies and brokerages	52421		12/03	107.5	108.0	108.0	0.7	0.0
Insurance agencies and brokerages	524210		12/02	111.3	111.8	111.9	0.8	0.1
Primary services		524210-P	12/02	111.7	112.3	112.3	0.7	0.0
Sale of property and casualty insurance		524210-1	12/02	111.0	111.9	112.0	1.2	0.1
Sale of personal property and casualty insurance		524210-101	06/09	105.8	106.9	107.1	1.7	0.2
Sale of private passenger auto insurance		524210-10101	12/02	106.8	107.9	108.2	1.4	0.3
Sale of homeowner's insurance		524210-10102	12/02	118.1	119.7	119.9	3.5	0.2
Sale of other personal property and casualty insurance		524210-10103	06/09	100.5	100.7	100.7	0.1	0.0
Sale of commercial property and casualty insurance		524210-102	12/02	113.6	114.4	114.4	0.8	0.0
Sale of life insurance and annuities		524210-2	12/02	104.1	104.1	104.1	-0.2	0.0
Sale of health and medical insurance		524210-3	12/02	125.0	124.7	124.7	0.4	0.0
Sale of other insurance		524210-4	12/02	102.2	102.1	102.1	0.4	0.0
Lessors of nonresidential buildings (except miniwarehouses)	53112		12/03	119.8	119.4	119.3	1.4	-0.1
Lessors of nonresidential buildings	531120		12/95	140.2	139.7	139.6	1.5	-0.1
Primary services		531120-P	12/95	136.2	135.8	135.6	1.4	-0.1
Leasing of shopping centers and retail stores		531120-1	12/95	124.8	125.0	124.5	1.2	-0.4
Leasing of professional and office buildings		531120-2	12/95	148.1	145.4	146.1	0.9	0.5
Leasing of manufacturing and industrial buildings		531120-3	12/95	114.1	115.2	115.2	2.6	0.0
Leasing of other nonresidential buildings and facilities		531120-7	12/02	136.7	148.1	142.9	5.8	-3.5
Lessors of miniwarehouse and self storage units	53113		12/03	139.1	140.7	142.7	5.5	1.4
Miniwarehouse and self-storage unit operators	531130		12/03	139.1	140.7	142.7	5.5	1.4
Primary services		531130-P	06/93	211.3	213.7	216.7	5.5	1.4
Miniwarehouse and self-storage unit operation		531130-1	06/93	211.3	213.7	216.7	5.5	1.4
Offices of real estate agents and brokers	5312		12/03	121.8	123.3	123.2	3.1	-0.1
Offices of real estate agents and brokers	53121		12/03	121.8	123.3	123.2	3.1	-0.1
Offices of real estate agents and brokers	531210		12/03	121.7	123.2	123.1	3.1	-0.1
Primary services		531210-P	12/03	121.7	123.2	123.1	3.0	-0.1
Real estate brokerage, residential property sales and leases		531210-1	12/95	160.0	162.4	162.4	3.5	0.0
Real estate brokerage, nonresidential property sales and leases including land sales and leases		531210-6	12/06	115.5	115.8	115.6	1.7	-0.2
Real estate brokerage, nonresidential property sales including land sales		531210-601	12/09	116.9	116.5	116.5	1.3	0.0
Real estate brokerage, nonresidential property leases including land leases		531210-602	12/09	115.0	116.2	115.7	2.0	-0.4
Real estate property managers	53131		12/03	113.8	116.5	116.9	3.5	0.3
Residential property managers	531311		12/03	122.2	125.5	125.6	5.0	0.1
Primary services		531311-P	12/03	124.0	127.3	127.5	5.1	0.2
Residential property management services		531311-1	12/95	129.5	133.0	133.2	5.1	0.2
Nonresidential property managers	531312		12/03	100.3	102.2	102.9	0.2	0.7
Primary services		531312-P	12/03	100.3	102.2	102.9	0.2	0.7
Nonresidential property management services		531312-1	12/95	111.4	113.5	114.3	0.3	0.7
Offices of real estate appraisers	531320		12/03	99.1	98.3	99.1	0.2	0.8
Primary services		531320-P	12/03	100.6	99.7	100.6	0.3	0.9
Real estate appraisal services		531320-1	12/95	107.5	106.6	107.5	0.3	0.8
Automotive equipment rental and leasing	5321		06/01	125.4	126.1	123.5	-8.7	-2.1
Passenger car rental and leasing	53211		12/03	111.4	114.9	110.6	-11.7	-3.7
Passenger car rental	532111		12/91	163.5	168.7	162.4	-11.6	-3.7

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Passenger car rental - Continued								
Primary services		532111-P	12/91	162.3	168.0	161.2	-12.2	-4.0
Standard passenger car rental		532111-2	12/91	157.0	163.2	155.1	-15.2	-5.0
Passenger car rental for business travel		532111-211	12/98	96.5	98.6	92.6	-9.4	-6.1
Passenger car rental for leisure travel		532111-221	12/98	144.7	151.8	145.0	-17.9	-4.5
Replacement passenger car rental		532111-3	12/91	200.5	203.3	203.3	2.9	0.0
Truck, utility trailer and RV rental and leasing	53212		12/03	120.0	115.5	116.5	-3.2	0.9
Truck, utility trailer, and RV rental and leasing	532120		06/91	137.7	132.6	133.7	-3.3	0.8
Primary services		532120-P	06/91	135.1	129.1	130.1	-4.2	0.8
Rental of trucks, truck trailers, and buses		532120-1	06/91	150.0	134.5	136.9	-10.0	1.8
Leasing of trucks, truck trailers, and buses		532120-4	06/91	124.5	124.5	124.8	0.2	0.2
Rental and leasing of RVs and cargo and utility trailers		532120-7	09/15	96.9	91.8	92.5	–	0.8
Other receipts		532120-SM	06/91	148.5	149.1	150.3	1.7	0.8
Other heavy machinery rental and leasing	532412		12/03	118.5	117.3	118.8	-0.1	1.3
Primary services		532412-P	12/03	113.7	112.8	113.2	-0.9	0.4
Construction equipment rental and leasing		532412-1	12/03	116.4	116.0	116.7	3.2	0.6
Oilfield and well drilling equipment rental and leasing		532412-2	12/03	108.4	106.2	105.6	-12.6	-0.6
Other receipts		532412-SM	12/03	152.4	148.7	158.1	4.1	6.3
Legal services	5411		12/96	202.2	203.8	203.2	1.7	-0.3
Offices of lawyers	54111		12/96	202.2	203.8	203.2	1.7	-0.3
Offices of lawyers	541110		12/96	202.2	203.8	203.2	1.7	-0.3
Primary services		541110-P	12/96	201.6	203.2	202.6	1.7	-0.3
Labor and employment legal services		541110-A	12/14	102.7	103.0	103.3	1.5	0.3
Criminal legal services		541110-B	12/14	100.4	100.4	100.4	0.2	0.0
Other legal services		541110-C	12/14	101.1	101.6	101.4	0.7	-0.2
Real estate legal services		541110-2	12/96	189.8	189.8	187.9	0.8	-1.0
Civil negligence legal services		541110-3	12/96	161.5	163.4	162.4	2.5	-0.6
Defendant representation		541110-301	12/96	204.3	208.0	206.0	3.1	-1.0
Plaintiff representation		541110-302	12/96	112.8	112.9	112.8	1.3	-0.1
Wills, estate planning, and probate		541110-6	12/96	215.9	215.5	215.0	2.3	-0.2
Family legal services		541110-8	12/14	100.5	100.5	100.5	0.0	0.0
Business and commercial legal services		541110-9	12/14	105.7	107.1	106.9	2.4	-0.2
Tax legal services		541110-901	12/14	110.5	109.9	109.3	5.2	-0.5
Intellectual property legal services		541110-902	12/14	104.7	103.5	100.7	-2.2	-2.7
Bankruptcy and other business and commercial legal services		541110-903	12/14	105.6	107.5	107.8	3.0	0.3
Offices of certified public accountants	541211		12/03	118.7	117.4	118.7	1.8	1.1
Primary services		541211-P	12/03	120.5	119.2	120.4	1.5	1.0
Other accounting services		541211-A	12/08	94.8	95.2	100.2	4.5	5.3
Financial auditing		541211-4	06/95	147.8	148.2	148.8	-0.3	0.4
Tax preparation and planning		541211-5	06/95	163.2	158.3	159.8	2.0	0.9
Bookkeeping and compilation		541211-9	12/08	111.4	111.4	111.4	2.7	0.0
Other accounting services	541219		12/03	112.4	113.6	113.6	1.1	0.0
Primary services		541219-P	12/03	112.5	113.8	113.8	1.2	0.0
Other accounting services (non-CPA firms)		541219-1	12/03	112.5	113.8	113.8	1.2	0.0
Architectural, engineering and related services	5413		12/96	158.3	158.7	159.0	1.9	0.2
Architectural services	54131		12/03	116.7	117.7	117.8	2.2	0.1
Architectural services	541310		12/96	140.9	142.1	142.2	2.1	0.1
Primary services		541310-P	12/96	145.1	146.2	146.3	2.0	0.1
Residential building projects		541310-1	12/96	173.0	175.1	174.9	4.3	-0.1
Nonresidential building projects		541310-7	12/10	105.1	105.9	105.9	1.3	0.0
Other architectural services, incl. historic restoration & architectural advisory services		541310-8	12/10	108.0	103.1	106.2	-0.5	3.0
Other receipts		541310-SM	12/96	172.8	177.3	177.3	3.6	0.0
Engineering services	54133		12/03	128.4	128.6	128.9	1.9	0.2
Engineering services	541330		12/96	162.1	162.4	162.7	1.9	0.2
Primary services		541330-P	12/96	162.1	162.3	162.4	1.7	0.1
Building related engineering projects		541330-1	12/96	154.6	154.7	154.6	1.4	-0.1
Residential building engineering projects		541330-101	12/09	100.1	100.2	99.8	-0.1	-0.4
Commercial, public, and institutional building engineering projects		541330-102	12/09	111.2	111.8	111.7	2.4	-0.1
Industrial and manufacturing plant and process engineering projects		541330-103	12/09	110.6	110.4	110.4	1.1	0.0
Non-building related engineering projects		541330-2	12/96	164.9	165.1	165.4	1.9	0.2
Transportation engineering projects		541330-201	12/09	111.7	112.2	112.8	2.6	0.5
Highway and roadway engineering projects		541330-20101	12/09	110.0	110.4	111.5	2.6	1.0
Other transportation engineering projects, including mass transit engineering projects		541330-20102	12/09	114.3	114.9	114.9	2.8	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Engineering services - Continued								
Municipal utility and power generation and distribution engineering projects		541330-202	12/09	116.3	116.5	116.7	2.0	0.2
All other non-building related engineering projects		541330-203	12/09	112.1	112.2	112.1	1.5	-0.1
Other receipts		541330-SM	12/96	161.0	161.8	163.6	3.1	1.1
Management and technical consulting services	5416		06/06	112.4	113.1	112.8	0.4	-0.3
Management consulting services	54161		06/06	112.4	113.1	112.8	0.4	-0.3
Management consulting services	541610		06/06	112.4	113.1	112.8	0.4	-0.3
Primary services		541610-P	06/06	112.5	113.3	113.0	0.4	-0.3
Administrative and general management consulting services		541610-1	06/06	119.4	119.7	120.0	1.5	0.3
Human resources consulting services		541610-22	06/06	105.9	106.5	106.7	0.5	0.2
Marketing consulting services		541610-3	06/06	100.6	102.5	100.0	-3.4	-2.4
Process, physical distribution and logistics consulting services		541610-4	06/06	112.5	113.3	113.6	1.2	0.3
Other management consulting services		541610-8	06/06	93.8	94.6	94.8	-1.1	0.2
Other receipts		541610-SM	06/06	110.5	109.9	110.4	-0.1	0.5
Advertising agencies	54181		12/03	113.6	113.7	113.9	0.9	0.2
Advertising agencies	541810		06/95	137.8	137.8	138.1	1.0	0.2
Primary services		541810-P	06/95	139.7	139.7	140.0	1.0	0.2
Advertising creative services billed separately		541810-1	06/95	133.4	133.3	134.0	2.1	0.5
Advertising placement services, including bundled placement and creative services		541810-2	06/95	147.8	148.2	147.9	-0.3	-0.2
Other advertising services billed separately		541810-3	12/08	99.2	99.2	99.2	0.1	0.0
Other receipts		541810-SM	06/95	125.6	125.6	125.6	0.0	0.0
Employment services	5613		12/96	137.0	135.8	136.2	1.9	0.3
Employee leasing services	56133		12/03	123.3	122.3	122.4	4.0	0.1
Professional employer organizations	561330		12/03	123.3	122.3	122.4	4.0	0.1
Primary services		561330-P	06/94	159.3	158.1	158.2	4.0	0.1
Co-employment staffing		561330-1	06/94	159.3	158.1	158.2	4.0	0.1
Staffing services (except PEOs)	56138		12/10	109.0	108.0	108.5	0.6	0.5
Staffing services (except PEOs)	561380		12/10	109.0	108.0	108.5	0.6	0.5
Primary services		561380-P	12/10	109.0	108.0	108.5	0.6	0.5
Temporary help services		561380-1	06/94	140.4	139.0	140.1	1.2	0.8
Temporary help services, office and clerical		561380-101	06/94	150.9	153.1	153.1	2.8	0.0
Temporary help services, light and heavy industrial		561380-102	06/94	139.7	140.6	141.2	4.2	0.4
Temporary help services, technical and professional		561380-103	06/94	85.2	80.7	82.6	-2.0	2.4
Temporary help services, medical		561380-104	06/94	146.5	145.1	145.0	-0.5	-0.1
Temporary help services, other		561380-105	06/94	138.7	139.6	139.6	-1.3	0.0
Employment placement services		561380-2	12/03	124.8	123.9	121.6	-2.6	-1.9
Employment placement services, excluding Internet recruiting		561380-201	12/01	105.5	104.4	101.6	-3.1	-2.7
Executive search services		561380-3	12/06	100.5	100.5	100.5	0.0	0.0
Other receipts		561380-SM	12/10	109.3	109.3	109.3	-1.4	0.0
Travel agencies	56151		12/03	102.6	103.4	102.9	0.8	-0.5
Travel agencies	561510		12/89	114.9	115.8	115.2	0.7	-0.5
Primary services		561510-P	12/89	114.2	115.4	114.6	0.2	-0.7
Flight bookings		561510-1	12/89	93.5	92.1	92.4	-2.8	0.3
Domestic flight bookings		561510-111	12/89	91.3	89.1	89.4	-3.8	0.3
International flight bookings		561510-112	12/89	69.4	69.2	69.5	-1.4	0.4
Other travel agency services, except flight bookings		561510-2	12/89	164.0	167.2	165.5	1.2	-1.0
Hotel and car rental bookings		561510-211	12/89	152.3	149.5	145.5	-2.2	-2.7
Hotel bookings		561510-2111	12/11	91.9	91.5	88.9	-1.3	-2.8
Car rental bookings		561510-2112	12/11	125.1	113.1	111.2	-6.7	-1.7
Cruise and tour bookings		561510-222	06/02	105.8	113.1	112.7	4.9	-0.4
Cruise bookings		561510-2221	12/11	99.5	115.7	115.2	19.8	-0.4
Packaged tour bookings		561510-2222	12/11	103.3	104.5	104.2	-3.5	-0.3
All other travel agency services		561510-233	06/02	125.1	125.1	125.4	0.6	0.2
Other receipts		561510-SM	06/02	120.4	120.4	120.4	2.6	0.0
Security guards and patrol services	561612		12/04	115.6	116.5	115.9	1.8	-0.5
Primary services		561612-P	12/04	115.5	116.3	115.8	1.8	-0.4
Security guard services		561612-1	12/04	115.5	116.3	115.8	1.8	-0.4
Janitorial services	56172		12/03	120.2	120.6	120.8	1.0	0.2
Janitorial services	561720		12/94	142.2	142.6	142.9	1.0	0.2
Primary services		561720-P	12/94	142.3	142.7	143.1	1.1	0.3
Nonresidential cleaning services		561720-3	06/03	117.9	118.3	118.6	1.2	0.3
Residential cleaning services		561720-4	06/03	148.3	148.3	148.3	0.0	0.0
Other receipts		561720-SM	12/94	139.1	139.6	139.0	-0.1	-0.4

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Waste collection	5621		12/03	131.7	132.7	132.6	3.8	-0.1
Waste collection	56211		12/03	131.7	132.7	132.6	3.8	-0.1
Solid waste collection	562111		12/03	131.7	132.7	132.7	3.9	0.0
Primary services		562111-P	06/93	178.5	179.8	179.6	4.1	-0.1
Solid waste collection		562111-2	06/93	178.5	179.8	179.6	4.1	-0.1
Computer training	61142		06/06	115.5	115.7	121.6	5.2	5.1
Computer training	611420		06/06	115.5	115.7	121.6	5.2	5.1
Primary services		611420-P	06/06	115.8	116.1	122.4	5.5	5.4
Computer training services		611420-1	06/06	115.8	116.1	122.4	5.5	5.4
Offices of physicians	6211		12/96	132.8	132.9	133.0	0.2	0.1
Offices of physicians	62111		12/96	132.8	132.9	133.0	0.2	0.1
Offices of physicians, except mental health	621111		12/93	143.1	143.2	143.3	0.1	0.1
Primary services		621111-P	12/93	143.3	143.4	143.5	0.1	0.1
One and two physician practices and single specialty group practices		621111-4	12/93	141.9	141.9	142.0	-0.1	0.1
General/family practice		621111-411	12/93	154.6	153.0	154.6	1.0	1.0
Medicare patients: general/family practice		621111-4111	06/14	100.7	100.7	100.7	0.0	0.0
Medicaid patients: general/family practice		621111-4112	06/14	81.3	81.3	81.3	0.1	0.0
Private insurance patients: general/family practice		621111-4113	06/14	101.2	99.8	101.3	1.3	1.5
All other patients: general/family practice		621111-4114	06/14	100.1	100.1	100.1	0.1	0.0
Internal medicine		621111-412	12/99	130.5	130.9	130.6	0.1	-0.2
Medicare patients: internal medicine		621111-4121	06/14	101.2	101.2	101.2	0.6	0.0
Medicaid patients: internal medicine		621111-4122	06/14	74.0	73.7	73.7	-25.2	0.0
Private insurance patients: internal medicine		621111-4123	06/14	100.5	101.2	100.7	0.2	-0.5
All other patients: internal medicine		621111-4124	06/14	99.3	99.3	99.3	0.0	0.0
General surgery and other surgical specialties		621111-413	12/99	113.0	113.0	113.0	-0.5	0.0
Medicare patients: surgical		621111-4131	06/14	98.4	98.4	98.4	-0.4	0.0
Medicaid patients: surgical		621111-4132	06/14	100.1	100.1	100.1	0.1	0.0
Private insurance patients: surgical		621111-4133	06/14	98.0	98.0	98.0	-1.7	0.0
All other patients: surgical		621111-4134	06/14	103.9	103.9	103.9	3.0	0.0
Pediatrics		621111-414	12/93	231.5	232.7	232.7	1.3	0.0
Medicaid patients: pediatrics		621111-4142	06/14	65.1	65.1	65.1	0.0	0.0
Private insurance patients: pediatrics		621111-4143	06/14	104.3	105.1	105.1	1.7	0.0
All other patients: pediatrics		621111-4144	06/14	102.9	102.9	102.9	-0.1	0.0
Obstetrics/gynecology		621111-415	12/93	141.1	141.1	141.1	-0.1	0.0
Medicare patients: obstetrics/gynecology		621111-4151	12/14	100.5	100.5	100.5	-0.3	0.0
Medicaid patients: obstetrics/gynecology		621111-4152	06/14	100.0	100.0	100.0	0.0	0.0
Private insurance patients: obstetrics/gynecology		621111-4153	06/14	100.0	100.0	100.0	-0.3	0.0
All other patients: obstetrics/gynecology		621111-4154	06/14	100.0	100.0	100.0	0.0	0.0
Other specialty		621111-419	12/99	123.1	123.1	123.1	-0.2	0.0
Medicare patients: other specialty		621111-4191	06/14	96.6	96.6	96.6	-3.3	0.0
Medicaid patients: other specialty		621111-4192	06/14	104.2	104.2	104.2	1.6	0.0
Private insurance patients: other specialty		621111-4193	06/14	101.1	101.1	101.1	0.6	0.0
All other patients: other specialty		621111-4194	06/14	102.0	102.1	102.1	0.1	0.0
Multispecialty group practice		621111-5	12/93	155.0	155.2	155.4	0.9	0.1
Medicare patients: multispecialty group practice		621111-5111	06/14	100.2	100.2	100.1	-0.2	-0.1
Medicaid patients: multispecialty group practice		621111-5112	06/14	72.0	72.2	72.2	1.4	0.0
Private insurance patients: multispecialty group practice		621111-5113	06/14	101.4	101.7	102.2	1.5	0.5
All other patients: multispecialty group practice		621111-5114	06/14	102.8	102.8	102.8	1.4	0.0
Offices of dentists	6212		06/10	110.9	111.1	111.4	2.0	0.3
Offices of dentists	62121		06/10	110.9	111.1	111.4	2.0	0.3
Offices of dentists	621210		06/10	110.9	111.1	111.4	2.0	0.3
Primary services		621210-P	06/10	110.9	111.2	111.5	2.0	0.3
Dental visits and consultations		621210-1	06/10	113.2	113.0	113.5	2.3	0.4
Private insurance patients: dental visits and consultations		621210-11	06/14	103.9	102.8	103.9	2.1	1.1
Medicare, Medicaid and all other patients: dental visits and consultations		621210-12	06/14	104.2	104.8	104.6	2.3	-0.2
Dental surgical intervention services		621210-2	06/10	106.6	107.2	107.1	1.6	-0.1
Private insurance patients: dental surgical intervention services		621210-21	06/14	105.0	105.8	106.0	4.8	0.2
Medicare, Medicaid and all other patients: dental surgical intervention services		621210-22	06/14	99.7	100.1	99.8	-1.6	-0.3
Dental non-surgical intervention services		621210-3	06/10	110.8	111.3	111.6	2.1	0.3
Private insurance patients: dental non-surgical intervention services		621210-31	06/14	103.6	103.5	104.4	2.3	0.9
Medicare, Medicaid and all other patients: dental non-surgical intervention services		621210-32	06/14	103.2	104.1	103.8	2.0	-0.3
Other receipts		621210-SM	06/10	103.6	103.6	103.6	0.0	0.0
Medical and diagnostic laboratories	6215		12/03	106.4	106.4	106.4	-0.4	0.0
Medical and diagnostic laboratories	62151		12/03	106.4	106.4	106.4	-0.4	0.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Medical laboratories	621511		12/03	105.2	105.2	105.1	-0.4	-0.1
Primary services		621511-P	06/94	125.2	125.2	125.0	-0.4	-0.2
Medical laboratory services		621511-2	06/94	125.2	125.2	125.0	-0.4	-0.2
Medicare patients		621511-23	06/14	99.8	99.8	99.8	0.3	0.0
Medicaid patients		621511-24	06/14	98.2	98.2	97.9	-2.2	-0.3
Private insurance patients		621511-25	06/14	98.9	99.0	99.0	-0.4	0.0
All other patients		621511-26	06/14	100.7	100.6	99.6	-1.2	-1.0
Diagnostic imaging centers	621512		12/03	107.5	107.5	107.5	-0.4	0.0
Primary services		621512-P	06/94	112.8	112.8	112.8	-0.4	0.0
Diagnostic imaging services		621512-4	06/94	112.8	112.8	112.8	-0.4	0.0
Medicare and Medicaid patients		621512-41	06/14	94.4	94.4	94.4	-1.8	0.0
Private insurance patients		621512-45	06/14	103.3	103.3	103.3	0.1	0.0
All other patients		621512-46	06/14	100.0	–	–	–	–
Home health care services	6216		12/96	135.1	135.1	135.1	1.6	0.0
Home health care services	62161		12/96	135.1	135.1	135.1	1.6	0.0
Home health care services	621610		12/96	135.1	135.1	135.2	1.7	0.1
Primary services		621610-P	12/96	131.0	131.0	131.0	1.6	0.0
Medicare and Medicaid patients		621610-3	12/03	113.2	113.3	113.3	1.5	0.0
Medicare patients		621610-31	12/96	128.7	128.8	128.8	1.7	0.0
Medicaid patients		621610-32	12/03	116.6	116.6	116.6	1.2	0.0
Private insurance and all other patients		621610-4	12/03	118.1	118.1	118.1	1.9	0.0
Private insurance patients		621610-41	06/14	101.8	101.8	102.2	0.9	0.4
All other patients		621610-42	06/14	106.8	106.8	106.6	2.5	-0.2
All other ambulatory health care services	62199		06/06	115.8	115.9	115.7	0.5	-0.2
Blood and organ banks	621991		06/06	115.8	115.9	115.7	0.5	-0.2
Primary services		621991-P	06/06	114.7	114.7	114.6	0.5	-0.1
Human blood services		621991-1	06/06	105.2	105.2	105.0	-0.7	-0.2
Human red blood and whole blood services		621991-12	06/06	104.5	104.5	104.2	-1.1	-0.3
Human blood plasma services		621991-13	06/06	105.7	105.7	105.7	0.9	0.0
Human blood platelet and other blood services		621991-14	06/06	106.5	106.5	106.2	-1.6	-0.3
Human organ, bone, tissue, and other bank services		621991-2	06/06	154.8	155.1	155.1	3.5	0.0
Other receipts		621991-SM	06/06	132.9	132.9	132.9	1.7	0.0
Hospitals	622		12/92	190.8	190.9	190.9	0.8	0.0
General medical and surgical hospitals	6221		12/03	138.2	138.3	138.4	0.9	0.1
General medical and surgical hospitals	62211		12/03	138.2	138.3	138.3	0.9	0.0
General medical and surgical hospitals	622110		12/92	190.8	190.9	190.9	0.9	0.0
Primary services		622110-P	12/92	195.1	195.2	195.3	1.0	0.1
Diseases and disorders of the nervous system		622110-101	06/08	118.9	118.9	118.9	2.9	0.0
Diseases and disorders of the ear, nose, mouth, and throat		622110-103	06/08	117.9	117.8	117.9	2.2	0.1
Diseases and disorders of the respiratory system		622110-104	06/08	116.2	116.3	116.3	-0.2	0.0
Diseases and disorders of the circulatory system		622110-105	06/08	114.9	114.9	114.9	0.3	0.0
Diseases and disorders of the digestive system		622110-106	06/08	120.8	120.8	120.8	1.0	0.0
Diseases and disorders of the hepatobiliary system and pancreas		622110-107	06/08	104.2	104.2	104.2	0.2	0.0
Diseases and disorders of the musculoskeletal system and connective tissue		622110-108	06/08	123.6	123.7	123.7	0.7	0.0
Diseases and disorders of the skin, subcutaneous tissue and breast		622110-109	06/08	121.9	122.2	122.3	1.7	0.1
Endocrine, nutritional and metabolic diseases and disorders		622110-111	06/08	116.7	116.7	117.2	-0.4	0.4
Diseases and disorders of the kidney and urinary tract		622110-112	06/08	126.0	126.0	126.0	2.9	0.0
Diseases and disorders of the male reproductive system		622110-113	06/08	125.3	125.3	125.3	1.6	0.0
Diseases and disorders of the female reproductive system		622110-114	06/08	126.9	126.9	126.9	1.5	0.0
Pregnancy, childbirth and the puerperium		622110-115	06/08	126.6	126.7	127.6	4.8	0.7
Newborns and other neonates with conditions originating in the perinatal period		622110-116	06/08	110.0	110.0	110.1	0.2	0.1
Diseases and disorders of the blood and blood forming organs and immunological disorders		622110-117	06/08	135.4	136.7	136.7	2.4	0.0
Myeloproliferative diseases and disorders and poorly differentiated neoplasms		622110-118	06/08	108.7	108.7	108.7	3.8	0.0
Infectious and parasitic diseases		622110-119	06/08	113.4	113.4	113.4	-1.0	0.0
Alcohol/drug use and alcohol/drug induced organic mental disorders		622110-122	06/08	124.5	124.5	124.5	0.7	0.0
Injury, poisoning and toxic effects of drugs		622110-123	06/08	117.3	117.3	117.3	4.3	0.0
Factors influencing health status and other contacts with health services		622110-125	06/08	110.1	111.4	110.2	-2.3	-1.1
Multiple significant trauma		622110-126	06/08	130.1	130.1	130.1	1.2	0.0
Human immunodeficiency virus infections		622110-127	06/08	112.3	112.3	112.3	0.9	0.0
Other diseases and disorders		622110-128	06/08	115.0	115.0	115.1	0.0	0.1
Psychiatric and substance abuse hospitals	6222		12/03	139.7	139.7	136.9	-1.2	-2.0
Psychiatric and substance abuse hospitals	62221		12/03	139.7	139.7	136.9	-1.2	-2.0
Psychiatric and substance abuse hospitals	622210		12/92	164.5	164.6	161.3	-1.2	-2.0
Primary services		622210-P	12/92	164.5	164.6	161.3	-1.2	-2.0

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Psychiatric and substance abuse hospitals - Continued								
Psychiatric hospitals		622210-3	12/92	166.7	166.7	163.1	-1.3	-2.2
Medicare patients: psychiatric hospitals		622210-31	06/14	101.7	101.7	101.7	0.1	0.0
Medicaid patients: psychiatric hospitals		622210-32	06/14	106.0	106.0	107.2	2.6	1.1
Private insurance and all other patients: psychiatric hospitals		622210-33	06/14	110.5	110.5	106.5	-2.9	-3.6
Other specialty hospitals	6223		12/03	152.7	153.1	153.8	1.4	0.5
Other specialty hospitals	62231		12/03	152.7	153.1	153.8	1.4	0.5
Other specialty hospitals	622310		12/92	228.9	229.5	230.6	1.4	0.5
Primary services		622310-P	12/92	263.4	264.0	265.2	1.4	0.5
Specialty, except psychiatric and substance abuse, hospitals		622310-6	12/92	263.4	264.0	265.2	1.4	0.5
Medicare patients		622310-61	06/14	102.7	103.5	103.5	2.0	0.0
Medicaid patients		622310-62	06/14	105.9	105.9	107.7	1.6	1.7
Private insurance and all other patients		622310-63	06/14	103.1	103.1	103.4	1.0	0.3
Nursing care facilities	6231		12/03	138.0	138.2	139.5	3.0	0.9
Nursing care facilities	62311		12/03	138.0	138.2	139.5	3.0	0.9
Nursing care facilities	623110		12/94	209.4	209.6	211.7	3.0	1.0
Primary services		623110-P	12/94	211.2	211.4	213.6	3.1	1.0
Medicare and Medicaid patients		623110-1	12/94	197.4	197.6	200.7	2.7	1.6
Medicaid patients		623110-101	06/12	105.0	105.2	107.8	3.6	2.5
Medicare patients		623110-102	06/12	103.1	103.1	103.1	1.1	0.0
Private insurance and all other patients		623110-3	12/94	232.8	233.1	234.2	3.6	0.5
Private insurance patients		623110-301	06/14	98.4	98.4	98.4	-1.1	0.0
All other patients		623110-302	06/14	106.6	106.7	107.3	4.5	0.6
Other receipts		623110-SM	12/94	157.4	–	157.4	0.4	–
Residential developmental disability homes	62321		12/03	163.5	162.8	164.4	3.5	1.0
Residential developmental disability homes	623210		12/03	163.5	162.7	164.3	3.5	1.0
Primary services		623210-P	12/03	164.2	163.5	165.1	3.6	1.0
Residential intellectual and developmental disability services		623210-1	12/03	164.2	163.5	165.1	3.6	1.0
Medicaid patients		623210-11	06/14	108.0	107.4	108.1	3.9	0.7
Non-Medicaid patients		623210-12	06/14	104.3	104.3	106.6	2.7	2.2
Amusement and theme parks	7131		06/06	161.3	163.9	168.7	6.4	2.9
Amusement and theme parks	71311		06/06	161.1	163.7	168.4	6.3	2.9
Amusement and theme parks	713110		06/06	161.1	163.6	168.4	6.3	2.9
Primary services		713110-P	06/06	161.9	163.9	165.8	7.9	1.2
Amusement and theme park admissions		713110-1	06/06	180.5	182.0	185.0	9.1	1.6
Amusement and theme park food and beverage sales		713110-2	06/06	138.6	143.4	143.4	4.9	0.0
Amusement and theme park merchandise sales, games, and other services		713110-3	06/06	123.7	123.6	124.2	6.3	0.5
Other receipts		713110-SM	06/06	153.2	–	–	–	–
Golf courses and country clubs	71391		12/05	119.1	119.8	120.5	2.9	0.6
Golf courses and country clubs	713910		12/05	119.2	119.8	120.5	2.9	0.6
Primary services		713910-P	12/05	117.3	118.0	118.4	2.6	0.3
Membership dues and fees		713910-1	12/05	125.2	126.1	125.8	6.0	-0.2
Greens and guest fees		713910-2	12/05	106.0	105.7	108.2	-0.6	2.4
Food and beverage sales		713910-3	12/05	117.6	117.6	117.6	0.3	0.0
Equipment rentals and all other golf services		713910-4	12/05	112.5	117.8	116.3	1.6	-1.3
Other receipts		713910-SM	12/05	136.0	136.5	–	–	–
Fitness and recreational sports centers	71394		12/04	104.2	107.9	104.7	-0.6	-3.0
Fitness and recreational sports centers	713940		12/04	104.2	107.9	104.7	-0.6	-3.0
Primary services		713940-P	12/04	103.1	107.9	103.6	-1.1	-4.0
Fitness and recreational facility memberships		713940-1	12/04	95.7	101.0	96.3	-1.6	-4.7
Recreational facility admissions, classes, and other fitness center services		713940-2	12/04	125.6	125.6	125.6	2.3	0.0
Other receipts		713940-SM	12/04	109.5	109.5	110.2	1.0	0.6
Accommodation	721		12/96	161.4	160.3	164.5	0.2	2.6
Accommodation	7211		12/96	161.4	160.3	164.5	0.2	2.6
Hotels (exc casino hotels) and motels	72111		12/03	140.5	139.6	145.5	0.1	4.2
Hotels and motels, except casino hotels	721110		12/03	140.5	139.6	145.5	0.1	4.2
Primary services		721110-P	12/03	142.8	141.9	147.9	0.1	4.2
Guestroom rental		721110-1	12/03	147.9	146.5	154.5	-0.8	5.5
Limited service hotels and motels guestroom rental		721110-101	06/93	178.0	190.4	190.9	-5.2	0.3
Full service hotels and motels guestroom rental		721110-102	06/93	207.9	185.8	205.7	0.6	10.7
Luxury and resort hotels guestroom rental		721110-103	06/93	229.3	235.0	253.4	7.2	7.8
Hotel and motel food and beverage and related services		721110-2	12/03	127.7	127.8	127.9	2.1	0.1

See footnotes at end of table.

Table 11. Producer price indexes for the net output of selected industries and their products, not seasonally adjusted — Continued

Industry and product[1]	Industry code	Product code	Index base	Index			Percent change to July 2016 from:	
				Mar. 2016[2]	June 2016[2]	July 2016[2]	July 2015	June 2016
Hotels and motels, except casino hotels - Continued								
Hotel and motel food and nonalcoholic beverage and related services		721110-201	12/03	124.0	124.1	124.6	2.2	0.4
Hotel and motel alcoholic beverage and related services		721110-202	12/03	146.5	146.5	144.7	1.3	-1.2
Other hotel and motel services		721110-5	12/10	115.8	117.0	117.9	6.5	0.8
Other receipts		721110-SM1	12/10	113.1	113.2	112.7	4.2	-0.4
Casino hotels	72112		12/03	115.2	114.1	112.3	0.6	-1.6
Casino hotels	721120		12/03	115.1	114.1	112.2	0.5	-1.7
Primary services		721120-P	12/03	116.5	115.4	113.5	0.5	-1.6
Casino hotel guestroom rental		721120-1	06/01	96.5	98.7	98.6	7.5	-0.1
Casino hotel food and beverage and related services		721120-2	12/03	151.1	151.3	152.9	4.7	1.1
Casino hotel food and nonalcoholic beverage and related services		721120-201	12/03	140.6	140.8	143.0	3.4	1.6
Casino hotel alcoholic beverage and related services		721120-202	12/03	182.5	182.5	182.5	7.6	0.0
Casino gaming receipts		721120-5	06/01	112.7	110.8	108.1	-1.0	-2.4
Other casino hotel services		721120-6	06/11	106.6	108.0	107.7	1.2	-0.3
Other receipts		721120-SM1	06/11	112.2	114.6	114.6	3.2	0.0
Commercial machinery repair and maintenance	8113		06/06	126.0	126.0	126.0	1.1	0.0
Commercial machinery repair and maintenance	81131		06/06	126.0	126.0	126.0	1.1	0.0
Commercial machinery repair and maintenance	811310		06/06	126.0	126.0	126.0	1.1	0.0
Primary services		811310-P	06/06	127.4	127.4	127.4	0.7	0.0
Maintenance and repair services for agricultural, construction, and mining machinery		811310-5	12/13	108.7	108.8	108.8	-0.5	0.0
Maintenance and repair services for commercial and service industry machinery		811310-6	12/13	106.3	106.3	106.3	1.6	0.0
Maintenance and repair services for industrial machinery		811310-7	12/13	101.0	101.0	101.0	0.1	0.0
Maintenance and repair services for general purpose machinery		811310-8	12/13	103.8	103.8	103.8	1.9	0.0
Other receipts		811310-SM	06/06	116.2	116.3	116.3	5.2	0.0
Special indexes								
General medical and surgical hospitals by patient type	62211A							
Medicare patients		62211A-2	12/92	162.3	162.3	162.3	-0.2	0.0
Medicaid patients		62211A-4	12/92	136.7	136.7	136.8	-0.4	0.1
Private insurance and all other patients		62211A-6	12/92	242.2	242.4	242.6	2.1	0.1
Private insurance patients		62211A-61	06/14	104.5	104.6	104.7	2.4	0.1
All other patients		62211A-62	06/14	111.2	111.3	111.2	0.2	-0.1
Premiums for property and casualty insurance[3]	924126		06/98	144.2	144.6	145.0	2.2	0.3
Primary services		924126-P	06/98	144.3	144.8	145.2	2.2	0.3
Premiums for private passenger auto insurance		924126-1	06/98	158.9	159.9	160.8	3.9	0.6
Premiums for homeowner's insurance		924126-2	06/98	203.5	204.2	204.8	2.5	0.3
Premiums for commercial auto insurance		924126-3	06/98	110.5	110.5	110.5	0.1	0.0
Premiums for non-auto liability insurance		924126-4	06/98	117.1	117.1	117.2	-0.4	0.1
Premiums for medical malpractice insurance		924126-402	06/98	116.7	117.0	117.4	0.0	0.3
Premiums for product and other non-auto liability insurance		924126-403	06/98	116.7	116.7	116.7	-0.5	0.0
Premiums for commercial multiple peril insurance		924126-5	06/98	121.5	121.5	121.4	-0.1	-0.1
Premiums for worker's compensation insurance		924126-6	06/98	111.8	111.8	111.1	0.5	-0.6
Premiums for other property and casualty insurance		924126-7	12/03	113.6	113.5	113.7	0.9	0.2

[1] Industry and product class indexes may include products not shown separately.
[2] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.
[3] The special index for 924126, in which prices reflect premiums only, contrasts with the index shown elsewhere in this table for NAICS 524126, where prices reflect premiums plus the amount of investment income earned on the invested portion of the premium.
"-" Data not available.
n.e.c. = Not elsewhere classified.
NOTE: NAICS replaced the SIC system beginning with the release of PPI data for January 2004. See http://www.bls.gov/ppi/ppinaics.htm for details.
NOTE: Titles of some industries and products are not shown in this table because they fail to meet our publication criteria.

Table 12. Producer price indexes by durability of product, not seasonally adjusted

[1982=100]

Grouping	Annual average 2015	July 2015	Mar. 2016[1]	June 2016[1]	July 2016[1]
Total durable goods	170.1	170.1	168.3	169.4	169.7
Total non-durable goods	203.7	209.8	190.2	198.9	198.4
Total manufactures	189.1	191.9	182.1	186.4	186.0
Durable	166.7	166.6	165.5	166.0	166.3
Nondurable	211.0	217.1	197.8	206.3	205.1
Total raw or slightly processed goods	190.4	196.4	175.6	185.8	186.8
Durable	325.4	333.0	298.3	323.6	325.9
Nondurable	184.1	190.1	170.0	179.4	180.3

[1] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

Table 13. Producer price indexes for special commodity groupings, not seasonally adjusted

[1982=100, unless otherwise indicated]

Commodity grouping	Other index base	Index			Percent change to July 2016 from:	
		Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
All commodities except farm products		183.4	188.8	189.0	-3.0	0.1
Industrial commodities less fuels		192.1	193.5	193.5	-0.7	0.0
Construction materials		211.6	214.2	214.9	0.6	0.3
Chemicals and allied products, including synthetic rubber and synthetic fibers and yarns		254.4	258.4	256.3	-2.8	-0.8
Lumber and plywood		195.9	200.3	201.7	0.9	0.7
Foods						
All foods		203.0	204.5	203.3	-4.6	-0.6
Apples	06/08	117.3	118.9	118.9	39.7	0.0
Berries	06/08	129.8	104.7	84.2	6.4	-19.6
Processed foods		205.4	208.0	206.6	-4.0	-0.7
Textiles						
Selected textile mill products		159.7	159.0	158.7	-0.4	-0.2
Hosiery		170.6	170.7	170.7	0.8	0.0
Underwear and nightwear		149.1	149.2	149.2	0.1	0.0
Metals						
Steel mill products, including fabricated wire products		162.2	172.9	177.9	-0.9	2.9
Finished steel mill products, excluding fabricated wire products		152.6	163.9	167.6	-2.2	2.3
Finished steel mill products, including fabricated wire products		158.5	168.8	172.3	-2.1	2.1
Special metals and metal products		173.0	175.1	175.8	-1.1	0.4
Fabricated metal products		186.5	186.8	187.5	-0.8	0.4
Copper and copper products		318.9	311.7	319.7	-10.1	2.6
Machinery						
Machinery and motive products		153.9	153.9	153.7	0.0	-0.1
Machinery and equipment, except electrical		158.3	158.7	158.7	0.3	0.0
Agricultural machinery, including tractors		234.8	234.9	234.7	1.1	-0.1
Metalworking machinery		196.9	197.7	197.3	1.0	-0.2
Total tractors		216.4	217.4	217.2	1.2	-0.1
Agriculture machinery and equipment, less parts		231.5	231.6	231.4	1.1	-0.1
Farm and garden tractors, less parts		215.7	215.7	215.8	1.0	0.0
Agricultural machinery, excluding tractors		241.2	241.0	241.0	0.8	0.0
Medical						
Pharmaceutical preparations for human and veterinary use		681.5	684.1	684.6	6.2	0.1
Pharmaceuticals for human use, prescription	06/01	249.3	250.3	250.6	5.3	0.1
Pharmaceuticals for human use, non-prescription	06/01	124.4	124.4	124.6	1.1	0.2
Health care services, Medicare patients	06/14	100.0	100.0	100.0	0.1	0.0
Health care services, Medicaid patients	06/14	98.7	98.7	99.2	1.5	0.5
Health care services, private insurance patients	06/14	103.6	103.5	103.8	1.8	0.3
Health care services, all other patients	06/14	103.9	104.2	104.1	1.5	-0.1

[1] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

NOTE: See next page for content of indexes on this table.

Table 13 commodity groupings include the following items:

All commodities except farm products: 02 through 15

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

Construction materials: 062101, 0721, 081105, 081106, 081107, 081203, 081204, 082, 0831, 0835, 086, 092, 101502, 101703, 101704, 10250163, 104101, 105, 106, 1071, 107301, 1074051, 107411, 10830225, 1142, 1147, 11490205, 11710143, 11710144, 11710147, 11710216, 11710217, 123101, 1232, 131105, 1321, 1322, 133, 134, 1361, 1362, 137, 1392, 1394, and 139501

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

Lumber and plywood: 081 and 083

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

Apples: 01110208, 01110209, 01110211, 01110215, 01110216, 01110220, 01110229, 01110230

Berries: 01110222, 01110224, 01110225, 01110226, 01110227

Processed foods: 02 less 0261, 0262, and 029

Selected textile mill products: 0327, 03370104, 034, 03810811, 03810821, 03810822, 03820312, 038303214, 038303215, and 1231

Hosiery: 03810821, 03810822, 03810823, 03810824, 03810825, 03810826

Underwear and nightwear: 03810641, 03810642, 03810645, 03810646, 03810653, 03810761, 03810811, 03810812

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

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

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

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

Fabricated metal products: 103 through 108

Copper and copper products: 10210201, 10220131, 102301, 102403, 102502, 10260314, and 102807013

Machinery and motive products: 11 and 14

Machinery and equipment except electrical: 111, 112, 113, 114, 115, 116, 118, and 119

Agriculture machinery, including tractors: 1114 less 111409

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

Total tractors: 111403 and 112A less 112A03

Agricultural machinery and equipment, less parts (old commodity code 111): 111 less 111409

Farm and garden tractors, less parts (old commodity code 1111): 111403

Agricultural machinery, excluding tractors (old commodity code 1112): 1114 less 111403

Pharmaceutical preparations for human and veterinary use: 0634 and 0638

Pharmaceuticals for human use, prescription: prescription pharmaceutical price quotes from 0638

Pharmaceuticals for human use, non-prescription: non-prescription pharmaceutical price quotes from 063811

Health care services, Medicare patients: Medicare price quotes from 511 and 512

Health care services, Medicaid patients: Medicaid price quotes from 511 and 512

Health care services, private insurance patients: Private insurance price quotes from 511 and 512

Health care services, all other patients: Price quotes from 511 and 512, less Medicare, Medicaid, and private insurance

Note: Weights for the above components are those used for the comprehensive All commodities index.

Table 14. Producer price indexes for net inputs to industries, excluding capital investment, labor, and imports, not seasonally adjusted

[December 2014=100, unless otherwise indicated]

Grouping	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:	
		Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Construction						
Inputs to construction industries, excluding capital investment, labor, and imports		97.9	99.9	99.9	-1.0	0.0
Inputs to construction industries, goods	06/86	204.5	209.9	209.8	-2.3	0.0
Inputs to construction industries, energy		63.7	81.2	79.2	-21.8	-2.5
Inputs to construction industries, goods less foods and energy		99.8	100.2	100.5	0.4	0.3
Inputs to construction industries, services		101.6	103.0	102.9	1.1	-0.1
Inputs to construction industries, trade services[2]		101.1	103.3	103.0	0.4	-0.3
Inputs to construction industries, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to construction industries, services less trade, transportation, and warehousing		104.7	105.0	105.3	4.2	0.3
New construction						
Inputs to new construction, excluding capital investment, labor, and imports		98.0	100.0	100.0	-0.9	0.0
Inputs to new construction, goods	06/86	204.2	209.4	209.4	-2.2	0.0
Inputs to new construction, energy		63.6	81.1	79.1	-21.9	-2.5
Inputs to new construction, goods less foods and energy		99.9	100.3	100.6	0.5	0.3
Inputs to new construction, services		101.6	103.0	103.0	1.2	0.0
Inputs to new construction, trade services[2]		101.1	103.2	103.0	0.4	-0.2
Inputs to new construction, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to new construction, services less trade, transportation, and warehousing		104.8	105.1	105.4	4.3	0.3
Inputs to residential construction industries, excluding capital investment, labor, and imports		98.8	100.7	100.6	-0.4	-0.1
Inputs to residential construction industries, goods	06/86	203.4	207.6	207.4	-1.9	-0.1
Inputs to residential construction industries, energy		58.2	77.4	75.0	-25.1	-3.1
Inputs to residential construction industries, goods less foods and energy		100.3	100.5	100.7	0.5	0.2
Inputs to residential construction industries, services		101.8	103.5	103.4	1.5	-0.1
Inputs to residential construction industries, trade services[2]		101.1	103.6	103.2	0.5	-0.4
Inputs to residential construction industries, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to residential construction industries, services less trade, transportation, and warehousing		105.3	105.7	106.2	5.0	0.5
Inputs to single family residential construction, excluding capital investment, labor, and imports		98.9	100.8	100.8	-0.2	0.0
Inputs to single family residential construction, goods		95.9	98.2	98.1	-2.2	-0.1
Inputs to single family residential construction, energy		64.3	81.6	79.7	-21.5	-2.3
Inputs to single family residential construction, goods less foods and energy		100.1	100.4	100.5	0.4	0.1
Inputs to single family residential construction, services		102.3	103.9	103.8	2.0	-0.1
Inputs to single family residential construction, trade services[2]		101.0	103.4	103.1	0.6	-0.3
Inputs to single family residential construction, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to single family residential construction, services less trade, transportation, and warehousing		106.1	106.5	107.1	5.9	0.6
Inputs to multifamily residential construction, excluding capital investment, labor, and imports		99.1	101.5	101.4	0.0	-0.1
Inputs to multifamily residential construction, goods		97.5	100.0	100.1	-0.7	0.1
Inputs to multifamily residential construction, energy		66.0	82.5	80.7	-20.6	-2.2
Inputs to multifamily residential construction, goods less foods and energy		101.3	102.1	102.5	1.8	0.4
Inputs to multifamily residential construction, services		101.2	103.3	103.0	0.7	-0.3
Inputs to multifamily residential construction, trade services[2]		101.5	104.3	103.9	1.0	-0.4
Inputs to multifamily residential construction, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to multifamily residential construction, services less trade, transportation, and warehousing		102.6	102.7	102.7	1.3	0.0
Inputs to other residential construction, excluding capital investment, labor, and imports		98.5	100.2	100.2	-0.8	0.0
Inputs to other residential construction, goods		96.8	98.4	98.5	-1.7	0.1
Inputs to other residential construction, energy		58.2	77.4	75.0	-25.1	-3.1
Inputs to other residential construction, goods less foods and energy		100.2	100.3	100.6	0.4	0.3
Inputs to other residential construction, services		100.9	102.7	102.4	0.4	-0.3
Inputs to other residential construction, trade services[2]		101.2	103.6	103.2	0.5	-0.4
Inputs to other residential construction, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to other residential construction, services less trade, transportation, and warehousing		101.9	102.1	102.2	1.3	0.1
Inputs to nonresidential construction, excluding capital investment, labor, and imports		97.0	99.2	99.2	-1.5	0.0
Inputs to nonresidential construction, goods	06/10	102.6	105.5	105.5	-2.3	0.0
Inputs to nonresidential construction, energy		63.1	80.8	78.8	-22.1	-2.5
Inputs to nonresidential construction, goods less foods and energy		99.7	100.3	100.6	0.5	0.3
Inputs to nonresidential construction, services		100.8	101.7	101.7	0.1	0.0
Inputs to nonresidential construction, trade services[2]		101.1	102.7	102.7	0.2	0.0
Inputs to nonresidential construction, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to nonresidential construction, services less trade, transportation, and warehousing		102.0	102.1	102.1	1.1	0.0
Inputs to commercial and healthcare structures, excluding capital investment, labor, and imports		97.8	99.6	99.7	-1.1	0.1
Inputs to commercial and healthcare structures, goods	06/10	104.7	107.2	107.3	-1.6	0.1
Inputs to commercial and healthcare structures, energy		64.5	81.7	79.8	-21.4	-2.3
Inputs to commercial and healthcare structures, goods less foods and energy		99.8	100.5	100.8	0.5	0.3
Inputs to commercial and healthcare structures, services		100.9	101.6	101.7	0.1	0.1
Inputs to commercial and healthcare structures, trade services[2]		101.3	102.5	102.7	0.2	0.2

See footnotes at end of table.

Table 14. Producer price indexes for net inputs to industries, excluding capital investment, labor, and imports, not seasonally adjusted — Continued

[December 2014=100, unless otherwise indicated]

Grouping	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:	
		Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Inputs to commercial and healthcare structures, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to commercial and healthcare structures, services less trade, transportation, and warehousing		102.2	102.3	102.3	1.1	0.0
Inputs to commercial structures, excluding capital investment, labor, and imports		97.9	99.7	99.8	-0.9	0.1
Inputs to commercial structures, goods		96.3	98.6	98.7	-1.7	0.1
Inputs to commercial structures, energy		64.2	81.5	79.6	-21.6	-2.3
Inputs to commercial structures, goods less foods and energy		99.8	100.5	100.8	0.6	0.3
Inputs to commercial structures, services		101.5	102.1	102.4	0.9	0.3
Inputs to commercial structures, trade services[2]		101.3	102.4	102.6	0.1	0.2
Inputs to commercial structures, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to commercial structures, services less trade, transportation, and warehousing		104.2	104.4	104.8	3.8	0.4
Inputs to healthcare structures, excluding capital investment, labor, and imports		97.9	99.7	99.8	-1.0	0.1
Inputs to healthcare structures, goods		96.6	98.7	98.8	-1.6	0.1
Inputs to healthcare structures, energy		65.3	81.5	80.2	-20.8	-1.6
Inputs to healthcare structures, goods less foods and energy		99.9	100.6	100.8	0.5	0.2
Inputs to healthcare structures, services		101.0	101.9	101.9	0.2	0.0
Inputs to healthcare structures, trade services[2]		101.4	102.9	102.9	0.4	0.0
Inputs to healthcare structures, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to healthcare structures, services less trade, transportation, and warehousing		102.4	102.4	102.4	1.2	0.0
Inputs to industrial structures, excluding capital investment, labor, and imports		98.0	99.6	99.6	-1.3	0.0
Inputs to industrial structures, goods	06/10	103.9	106.1	106.1	-2.1	0.0
Inputs to industrial structures, energy		63.5	80.2	78.9	-21.7	-1.6
Inputs to industrial structures, goods less foods and energy		101.0	101.2	101.4	0.5	0.2
Inputs to industrial structures, services		100.3	101.3	101.1	0.2	-0.2
Inputs to industrial structures, trade services[2]		100.5	102.2	101.7	0.4	-0.5
Inputs to industrial structures, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to industrial structures, services less trade, transportation, and warehousing		102.4	102.5	102.6	1.4	0.1
Inputs to other nonresidential construction, excluding capital investment, labor, and imports		96.5	98.8	98.9	-1.7	0.1
Inputs to other nonresidential construction, goods	06/10	101.3	104.5	104.5	-2.7	0.0
Inputs to other nonresidential construction, energy		62.9	79.7	78.3	-22.2	-1.8
Inputs to other nonresidential construction, goods less foods and energy		99.5	100.2	100.5	0.5	0.3
Inputs to other nonresidential construction, services		100.8	101.8	101.8	0.2	0.0
Inputs to other nonresidential construction, trade services[2]		101.1	102.8	102.8	0.2	0.0
Inputs to other nonresidential construction, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to other nonresidential construction, services less trade, transportation, and warehousing		101.9	102.0	102.0	1.1	0.0
Inputs to highways and streets, excluding capital investment, labor, and imports		95.7	98.4	98.5	-2.1	0.1
Inputs to highways and streets, goods		93.8	97.3	97.4	-2.8	0.1
Inputs to highways and streets, energy		60.7	78.6	76.4	-23.5	-2.8
Inputs to highways and streets, goods less foods and energy		99.9	100.8	101.3	1.0	0.5
Inputs to highways and streets, services		100.5	101.2	101.4	-0.2	0.2
Inputs to highways and streets, trade services[2]		101.4	102.7	103.3	0.2	0.6
Inputs to highways and streets, transportation and warehousing services		96.5	96.5	96.4	-2.3	-0.1
Inputs to highways and streets, services less trade, transportation, and warehousing		101.4	101.4	101.4	0.7	0.0
Inputs to power and communication structures, excluding capital investment, labor, and imports		95.8	98.3	98.3	-2.3	0.0
Inputs to power and communication structures, goods		92.5	96.0	96.1	-3.8	0.1
Inputs to power and communication structures, energy		63.5	80.8	78.8	-22.1	-2.5
Inputs to power and communication structures, goods less foods and energy		98.3	99.1	99.6	0.0	0.5
Inputs to power and communication structures, services		100.9	101.8	101.9	0.3	0.1
Inputs to power and communication structures, trade services[2]		100.9	102.4	102.5	0.0	0.1
Inputs to power and communication structures, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to power and communication structures, services less trade, transportation, and warehousing		101.9	102.0	102.1	1.2	0.1
Inputs to educational and vocational structures, excluding capital investment, labor, and imports		98.2	99.8	99.9	-0.6	0.1
Inputs to educational and vocational structures, goods		97.1	98.9	99.0	-1.0	0.1
Inputs to educational and vocational structures, energy		58.2	77.4	75.0	-25.1	-3.1
Inputs to educational and vocational structures, goods less foods and energy		99.8	100.4	100.7	0.7	0.3
Inputs to educational and vocational structures, services		100.8	101.8	101.8	0.2	0.0
Inputs to educational and vocational structures, trade services[2]		101.2	102.8	102.7	0.3	-0.1
Inputs to educational and vocational structures, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to educational and vocational structures, services less trade, transportation, and warehousing		102.3	102.4	102.4	1.1	0.0
Inputs to other misc. nonresidential construction, excluding capital investment, labor, and imports		96.4	99.0	98.8	-1.9	-0.2
Inputs to other misc. nonresidential construction, goods		93.9	97.2	97.0	-3.2	-0.2
Inputs to other misc. nonresidential construction, energy		62.9	80.5	78.5	-22.4	-2.5
Inputs to other misc. nonresidential construction, goods less foods and energy		99.6	100.3	100.5	0.5	0.2
Inputs to other misc. nonresidential construction, services		100.8	102.0	101.8	0.2	-0.2
Inputs to other misc. nonresidential construction, trade services[2]		101.1	102.9	102.7	0.3	-0.2
Inputs to other misc. nonresidential construction, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0

See footnotes at end of table.

Table 14. Producer price indexes for net inputs to industries, excluding capital investment, labor, and imports, not seasonally adjusted — Continued

[December 2014=100, unless otherwise indicated]

Grouping	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:	
		Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Inputs to other misc. nonresidential construction, services less trade, transportation, and warehousing		101.9	102.0	102.0	1.1	0.0
Maintenance and repair construction						
Inputs to maintenance and repair construction, excluding capital investment, labor, and imports		97.1	99.3	99.2	-1.6	-0.1
Inputs to maintenance and repair construction, goods	06/86	210.7	216.6	216.7	-2.8	0.0
Inputs to maintenance and repair construction, energy		63.8	81.2	79.3	-21.8	-2.3
Inputs to maintenance and repair construction, goods less foods and energy		99.4	99.8	100.1	0.3	0.3
Inputs to maintenance and repair construction, services		100.9	102.5	102.2	0.2	-0.3
Inputs to maintenance and repair construction, trade services[2]		101.1	103.3	102.9	0.2	-0.4
Inputs to maintenance and repair construction, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to maintenance and repair construction, services less trade, transportation, and warehousing		102.0	102.1	102.0	0.9	-0.1
Inputs to residential maintenance and repair, excluding capital investment, labor, and imports		97.8	99.8	99.6	-1.2	-0.2
Inputs to residential maintenance and repair, goods	06/86	200.8	205.3	205.1	-3.2	-0.1
Inputs to residential maintenance and repair, energy		63.5	81.0	79.0	-21.9	-2.5
Inputs to residential maintenance and repair, goods less foods and energy		99.2	99.1	99.3	-0.4	0.2
Inputs to residential maintenance and repair, services		101.7	103.4	103.2	1.3	-0.2
Inputs to residential maintenance and repair, trade services[2]		101.1	103.5	103.0	0.5	-0.5
Inputs to residential maintenance and repair, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to residential maintenance and repair, services less trade, transportation, and warehousing		105.1	105.4	105.8	4.6	0.4
Inputs to nonresidential maintenance and repair, excluding capital investment, labor, and imports		96.6	98.9	98.9	-1.8	0.0
Inputs to nonresidential maintenance and repair, goods	06/86	212.2	218.7	218.7	-2.9	0.0
Inputs to nonresidential maintenance and repair, energy		64.0	81.3	79.3	-21.8	-2.5
Inputs to nonresidential maintenance and repair, goods less foods and energy		99.2	99.7	99.9	0.3	0.2
Inputs to nonresidential maintenance and repair, services		100.8	102.2	102.1	0.1	-0.1
Inputs to nonresidential maintenance and repair, trade services[2]		101.1	103.2	102.9	0.0	-0.3
Inputs to nonresidential maintenance and repair, transportation and warehousing services		97.0	96.9	96.9	-1.9	0.0
Inputs to nonresidential maintenance and repair, services less trade, transportation, and warehousing		101.8	101.8	101.8	0.9	0.0
Manufacturing[3]						
Inputs to 325510, paint and coating manufacturing, excluding capital investment, labor, and imports	03/13	86.8	89.5	88.7	-4.8	-0.9
Inputs to 325510, goods	03/13	84.5	87.8	86.5	-5.2	-1.5
Inputs to 325510, energy	03/13	56.9	69.1	68.4	-18.8	-1.0
Inputs to 325510, goods less foods and energy	03/13	85.9	88.7	87.4	-4.4	-1.5
Inputs to 325510, services	03/13	99.5	99.2	100.8	-3.5	1.6
Inputs to 325510, trade services[2]	03/13	100.4	99.8	102.1	-4.4	2.3
Inputs to 325510, transportation and warehousing services	03/13	96.9	97.3	97.5	-2.0	0.2
Inputs to 325510, services less trade, transportation, and warehousing	03/13	107.3	108.1	107.9	1.7	-0.2
Inputs to 326100, plastics products manufacturing, excluding capital investment, labor, and imports	03/14	88.0	90.1	90.4	-3.9	0.3
Inputs to 326100, goods	03/14	85.5	88.2	88.3	-4.0	0.1
Inputs to 326100, energy	03/14	82.5	89.1	91.5	-6.3	2.7
Inputs to 326100, goods less foods and energy	03/14	85.8	88.2	88.1	-3.8	-0.1
Inputs to 326100, services	03/14	97.5	97.2	98.4	-3.7	1.2
Inputs to 326100, trade services[2]	03/14	98.0	97.4	99.4	-5.2	2.1
Inputs to 326100, transportation and warehousing services	03/14	96.0	96.0	96.2	-2.2	0.2
Inputs to 326100, services less trade, transportation, and warehousing	03/14	100.0	100.3	100.2	0.4	-0.1
Inputs to 326100, maintenance and repair construction	03/14	103.3	103.5	103.8	1.0	0.3
Inputs to 333130, mining and oil and gas field machinery mfg, excluding capital investment, labor, and imports	04/14	97.3	98.5	99.5	0.1	1.0
Inputs to 333130, goods	04/14	92.7	94.5	95.5	-1.4	1.1
Inputs to 333130, energy	04/14	83.9	85.7	87.9	-13.1	2.6
Inputs to 333130, goods less foods and energy	04/14	93.2	95.0	96.0	-0.7	1.1
Inputs to 333130, services	04/14	105.7	106.0	106.8	2.8	0.8
Inputs to 333130, trade services[2]	04/14	104.8	105.2	105.7	-0.3	0.5
Inputs to 333130, transportation and warehousing services	04/14	96.2	95.6	95.6	-2.5	0.0
Inputs to 333130, services less trade, transportation, and warehousing	04/14	109.4	109.9	111.4	9.1	1.4
Inputs to 333130, maintenance and repair construction		101.8	102.1	102.3	1.0	0.2
Inputs to 336111, automobile manufacturing, excluding capital investment, labor, and imports	02/14	100.4	100.8	100.5	-0.6	-0.3
Inputs to 336111, goods	02/14	99.4	99.2	99.3	-1.0	0.1
Inputs to 336111, goods less foods and energy	02/14	99.4	99.2	99.3	-1.0	0.1
Inputs to 336111, services	02/14	103.6	105.5	104.3	0.5	-1.1
Inputs to 336111, trade services[2]	02/14	104.0	106.1	104.8	0.7	-1.2
Inputs to 336111, transportation and warehousing services	02/14	98.6	98.4	98.4	-2.0	0.0
Inputs to 336411, airplane manufacturing, excluding capital investment, labor, and imports	02/14	101.0	101.5	101.5	0.7	0.0
Inputs to 336411, goods	02/14	100.0	100.4	100.5	0.4	0.1
Inputs to 336411, energy	02/14	66.6	63.4	63.6	-29.3	0.3
Inputs to 336411, goods less foods and energy	02/14	100.2	100.6	100.7	0.5	0.1
Inputs to 336411, services	02/14	105.7	106.8	106.4	1.7	-0.4

See footnotes at end of table.

Table 14. Producer price indexes for net inputs to industries, excluding capital investment, labor, and imports, not seasonally adjusted — Continued

[December 2014=100, unless otherwise indicated]

Grouping	Other index base	Unadjusted index			Unadjusted percent change to July 2016 from:	
		Mar. 2016[1]	June 2016[1]	July 2016[1]	July 2015	June 2016
Inputs to 336411, trade services[2]	02/14	104.8	106.4	105.5	0.4	-0.8
Inputs to 336411, transportation and warehousing services	02/14	97.9	97.8	97.8	-1.9	0.0
Inputs to 336411, services less trade, transportation, and warehousing	02/14	106.2	106.7	107.0	4.3	0.3
Inputs to 336611, ship building and repairing, excluding capital investment, labor, and imports	02/14	100.8	101.6	102.1	1.6	0.5
Inputs to 336611, goods	02/14	97.4	98.4	98.9	-0.5	0.5
Inputs to 336611, energy	02/14	91.8	97.5	100.1	-7.6	2.7
Inputs to 336611, goods less foods and energy	02/14	97.6	98.4	98.8	-0.2	0.4
Inputs to 336611, services	02/14	106.5	107.0	107.5	4.9	0.5
Inputs to 336611, trade services[2]	02/14	103.5	104.4	104.2	0.1	-0.2
Inputs to 336611, transportation and warehousing services	02/14	98.0	97.4	97.5	-2.5	0.1
Inputs to 336611, services less trade, transportation, and warehousing	02/14	109.8	110.2	111.2	9.0	0.9
Services[3]						
Inputs to 484000, truck transportation, excluding capital investment, labor, and imports	03/14	80.3	84.3	84.9	-4.2	0.7
Inputs to 484000, goods	03/14	44.8	54.7	55.8	-16.1	2.0
Inputs to 484000, energy	03/14	37.9	48.7	50.0	-18.7	2.7
Inputs to 484000, goods less foods and energy	03/14	99.0	99.0	98.9	-1.0	-0.1
Inputs to 484000, services	03/14	102.2	102.5	102.7	0.5	0.2
Inputs to 484000, trade services[2]	03/14	104.7	110.0	110.0	2.0	0.0
Inputs to 484000, transportation and warehousing services	03/14	101.2	100.5	100.8	-0.6	0.3
Inputs to 484000, services less trade, transportation, and warehousing	03/14	104.3	104.2	104.3	2.2	0.1
Inputs to 621A00, offices of health practitioners, excluding capital investment, labor, and imports	03/13	105.5	105.8	106.2	1.0	0.4
Inputs to 621A00, goods	03/13	110.3	111.5	111.6	2.6	0.1
Inputs to 621A00, energy	03/13	103.5	109.6	110.1	-2.0	0.5
Inputs to 621A00, goods less foods and energy	03/13	110.9	111.6	111.7	3.1	0.1
Inputs to 621A00, services	03/13	103.6	103.5	104.0	0.3	0.5
Inputs to 621A00, trade services[2]	03/13	101.2	101.6	102.9	-3.8	1.3
Inputs to 621A00, transportation and warehousing services	03/13	99.2	97.7	97.8	-3.6	0.1
Inputs to 621A00, services less trade, transportation and warehousing	03/13	104.4	104.2	104.5	1.6	0.3
Inputs to 813000, membership associations and organizations, excluding capital investment, labor, and imports	05/14	109.1	110.9	111.6	6.9	0.6
Inputs to 813000, goods	05/14	87.0	93.7	93.6	-7.1	-0.1
Inputs to 813000, energy	05/14	80.7	90.0	89.8	-10.0	-0.2
Inputs to 813000, goods less foods and energy	05/14	100.2	100.2	100.5	0.3	0.3
Inputs to 813000, services	05/14	110.9	112.3	113.1	8.0	0.7
Inputs to 813000, trade services[2]	05/14	101.9	102.7	102.9	-0.4	0.2
Inputs to 813000, transportation and warehousing services	05/14	102.5	98.9	98.9	-2.3	0.0
Inputs to 813000, services less trade, transportation, and warehousing	05/14	111.6	113.1	114.0	8.5	0.8
Inputs to 813000, maintenance and repair construction	05/14	103.0	103.3	103.5	1.0	0.2

[1] The indexes for March 2016 have been recalculated to incorporate late reports and corrections by respondents. All data are subject to revision 4 months after original publication.

[2] Trade indexes measure changes in margins received by wholesalers and retailers.

[3] PPI data for these Net Inputs to Industry Indexes are organized by Bureau of Economic Analysis (BEA) Industry code. The set of products included in an industry input index and the weights for each commodity included in the index are derived from the BEA's Input-Output Accounts Use of Commodities by Industry table in conjunction with U.S. Census Bureau revenue data. For more information, visit www.bls.gov/ppi/industryinputsintro.htm online.

"-" Data not available.

Technical Note

Brief Explanation of Producer Price Indexes

The Producer Price Index (PPI) of the Bureau of Labor Statistics (BLS) is a family of indexes that measures the average change over time in prices received (price changes) by producers for domestically produced goods, services, and construction. PPIs measure price change from the perspective of the seller. This contrasts with other measures, such as the Consumer Price Index (CPI). CPIs measure price change from the purchaser's perspective.

More than 10,000 PPIs for individual products and groups of products are released each month. PPIs are available for the products of virtually every industry in the mining and manufacturing sectors. Over time, new PPIs have been introduced for products of industries in the services and construction sectors of the U.S. economy. As of January 2013, the PPI covered about 70 percent of services as measured by 2007 Census revenue, and 34 percent of construction.

More than 100,000 price quotations per month are organized into three sets of PPIs: (1) Final demand-Intermediate demand (FD-ID) indexes, (2) commodity indexes, and (3) indexes for the net output of industries and their products. The FD-ID structure organizes products by class of buyer and degree of fabrication as well as by stage of production. The commodity structure organizes products by similarity of end use or product type. The entire output of various industries is sampled to derive price indexes for the net output of industries and their products.

Final Demand–Intermediate Demand Indexes

The PPI FD-ID structure measures price change for goods, services, and construction sold to final demand and to intermediate demand. The FD-ID system replaced the PPI stage-of-processing (SOP) system as PPI's primary aggregation model with the release of data for January 2014. The FD-ID model expands coverage beyond that of the SOP system through the addition of services, construction, exports, and government purchases.

Compared with finished goods under the SOP system, the PPI for final demand goods includes nearly a 50 percent expansion of coverage. This increase can be traced to the addition of government purchases and exports. For overall final demand, expansion to include final demand services represents an even larger increase in coverage. In December 2012, final demand goods were about 34.5 percent of overall final demand, final demand services were roughly 63.5 percent, and final demand construction was about 2.0 percent of final demand. Within intermediate demand, coverage of services for intermediate demand resulted in about a 45 percent increase in coverage of the intermediate demand portion of the economy.

FD-ID indexes are constructed from commodity-based producer output price indexes. Commodities are allocated to aggregate indexes primarily based on the type of buyer. The main source of data used to determine the type of buyer is the "Use of commodities by industries, before redefinition," table from the Benchmark Input-Output Accounts of the U.S. In many cases, the same commodity is purchased by different types of buyers. As a result, commodities are often included in several FD-ID indexes. For example, regular gasoline is purchased for personal consumption, export, government use, and business use. The PPI program publishes only one commodity index for regular gasoline (wpu057104), reflecting sales to all types of buyers, and this index is used in all aggregations regardless of whether the gasoline is sold for personal consumption, as an export, to government, or to businesses. Proportions based on BEA "Use of Commodities" data are used to allocate the correct portion of the total weight of gasoline to each use category. In cases when buyer type is an important price determining characteristic, indexes are created based on specific buyer type. For example, within the PPI category for loan services, separate indexes for consumer loans and business loans were constructed. For more information relating to the FD-ID structure, see "A new, experimental system of indexes from the PPI program" in the February 2011 *Monthly Labor Review*.

Final Demand: The final demand portion of the FD-ID structure measures price change for commodities sold for personal consumption, capital investment, government, and export. The system is composed of six main price indexes: final demand goods; final demand trade services; final demand transportation and warehousing services; final demand services less trade, transportation, and warehousing; final demand construction; and overall final demand.

The final demand goods index measures price change for both unprocessed and processed goods sold to final demand. Fresh fruits sold to consumers and computers sold for capital investment are examples of transactions included in the final demand goods price index. The final demand trade services index measures price change for the retailing and wholesaling of merchandise sold to final demand, generally without transformation. (Trade indexes measure changes in margins received by wholesalers and retailers.) The final demand transportation and warehousing services index tracks price change for transportation of passengers, as well as, transportation of cargo sold to final demand, and also includes prices for warehousing and storage of goods sold to final demand. The final demand services less trade, transportation, and warehousing index measures price change for all services other than trade and transportation sold to final demand. Publishing, banking, lodging, and health care are examples of these services. The final demand construction index tracks price change for new construction, as well as maintenance and repair construction sold to final demand. Construction of office buildings is an example of a commodity that would be included in the final demand construction index. Lastly, the overall final demand index tracks price change for all types of commodities sold to final demand by combining the five final demand component indexes described above.

Intermediate Demand: The intermediate demand portion of the FD-ID system tracks price change for goods, services, and construction products sold to businesses as inputs to

production, excluding capital investment. The system includes two parallel treatments of intermediate demand. The first treatment organizes intermediate demand commodities by type. The second organizes intermediate demand commodities into production stages, with the explicit goal of developing a forward-flow model of production and price change.

The intermediate demand by commodity type portion of the system organizes commodities by similarity of product. The system is composed of six main price indexes: unprocessed goods for intermediate demand; processed goods for intermediate demand; intermediate demand trade services; intermediate demand transportation and warehousing services; intermediate demand services less trade, transportation, and warehousing; and intermediate demand construction.

The unprocessed goods for intermediate demand price index measures price change for goods sold to businesses as inputs to production that have undergone no fabrication. Crude petroleum sold to refineries is an example of an unprocessed good sold to intermediate demand. The processed goods for intermediate demand index tracks price change for fabricated goods sold as business inputs. Examples include car parts sold to car manufacturers and gasoline sold to trucking companies. The index for trade services for intermediate demand measures price change for the services of retailing and wholesaling goods purchased by businesses as inputs to production. The intermediate demand transportation and warehousing services index measures price change for business travel, as well as, transportation and warehousing of cargo sold to intermediate demand. The intermediate demand services less trade, transportation, and warehousing index measures price change for services other than trade, transportation, and warehousing sold as inputs to production. Legal and accounting services purchased by businesses are examples of intermediate demand services excluding trade, transportation, and warehousing. Finally, the construction for intermediate demand index measures price change for construction purchased by firms as inputs to production. The index for construction for intermediate demand tracks price change for maintenance and repair construction purchased by firms.

The production flow treatment of intermediate demand is a stage-based system of price indexes. These indexes can be used to study price transmission across stages of production and final demand. This system is constructed in a manner that maximizes forward flow of production between stages, while minimizing back-flow of production. The production flow treatment contains four main indexes: intermediate demand stage 1, intermediate demand stage 2, intermediate demand stage 3, and intermediate demand stage 4.

Indexes for the four stages were developed by first assigning each industry in the economy to one of four stages of production, where industries assigned to the fourth stage primarily produce output consumed as final demand, industries in the third stage primarily produce output consumed by stage 4 industries, industries assigned to the second stage primarily produce output consumed by stage 3 industries, and industries assigned to the first stage produce output primarily consumed by stage 2 industries. The four indexes then track prices for the net inputs consumed by industries in each of the four stages of production. The stage 4 intermediate demand index, for example, tracks price change for inputs consumed, but not produced, by industries included in the fourth stage of production. Hence, the index tracks price change in inputs to industries that primarily produce final demand commodities (stage 4 producers primarily produce commodities sold to final demand).

Examples of heavily weighted goods-producing industries in stage 4 include the manufacture of light trucks and utility vehicles, automobiles, and pharmaceuticals. Retail trade, food service and drinking places, and hospitals are examples of heavily weighted service industries included in stage 4. Stage 4 also includes all new construction industries. Examples of goods consumed by stage 4 industries include motor vehicle parts, commercial electric power, plastic construction products, biological products, and beef and veal. Engineering services, machinery and equipment wholesaling, long distance motor carrying, and legal services constitute examples of services consumed by stage 4 industries.

Examples of highly weighted goods-producing industries included in stage 3 are motor vehicle parts manufacturing, animal (except poultry) slaughtering and processing, and semiconductor manufacturing. Services industries classified in stage 3 include wholesale trade; insurance carriers; architecture, engineering, and related services; and hotels and motels. Examples of goods consumed by stage 3 industries include slaughter steers and heifers, industrial electric power, and hot rolled steel bars, plates, and structural shapes. Services commonly consumed by stage 3 industries include commissions from sales of property and casualty insurance, business loans, temporary help services, and administrative and general management consulting services.

Petroleum refineries; electricity generation, transmission, and distribution; natural gas distribution; cattle ranching and farming; and plastic materials and resin manufacturing are among the goods-based industries assigned to stage 2. Services industries that are heavily weighted in stage 2 include management of companies and enterprises; non-depository credit intermediation; insurance agencies and brokerages; and services to buildings and dwellings. Goods commonly purchased by stage 2 industries include crude oil, natural gas, formula feeds, and primary basic organic chemicals. Services that are heavily weighted in the intermediate demand stage 2 index are legal services, business loans, and cellular phone and other wireless telecommunication.

Goods producing industries in stage 1 include oil and gas extraction, paper mills, and grain farming. Real estate, legal services, and advertising services are examples of highly weighted services industries included in stage 1. Examples of goods consumed by stage 1 industries are commercial and industrial electric power and gasoline. Services commonly consumed by stage 1 industries include solid waste collection, chemicals and allied products wholesaling, and guestroom or unit rental. It should be noted that all inputs purchased by stage 1 industries are by definition produced either within stage 1 or by latter stages of processing, leaving stage 1 less useful for price transmission analysis. For additional information on industry stage assignments, see **http://www.bls.gov/ppi/industryflowstage.htm.**

Comparing the PPI with CPI

Although some data users utilize the PPI as a potential indicator of the Consumer Price Index (CPI), there are many reasons why the PPI and the CPI may diverge. The scope of the personal consumption portion of the PPI includes all marketable output sold by domestic producers for households. The scope of the CPI includes goods and services provided by business or government, where explicit user charges are paid by consumers. For example, the most heavily weighted item in the CPI, owners' equivalent rent, is excluded from the PPI. The scope of the CPI includes imports. The PPI excludes imports. The CPI only includes components of personal consumption directly paid for by the consumers, while the PPI includes components of personal consumption that may not be paid for by consumers. For example, the PPI includes medical services paid for by third parties. In contrast to CPI, PPI does not completely cover services. PPIs exclude taxes, since they do not represent producer revenue. Conversely, sales and other taxes paid by consumers are part of household expenditure and are included in the CPI. Additional technical differences between PPI and CPI also exist. For more information see "Comparing new final demand producer price indexes with other Government price indexes," *Monthly Labor Review*, January 2014, at **http://www.bls.gov/opub/mlr/**.

Commodity Indexes

The commodity classification of the PPI organizes goods, services, and construction by similarity of product or end use, disregarding industry of origin. With the release of data for July 2009, PPI expanded its commodity structure to include indexes for services and construction products. Prior to this date, the PPI commodity structure only included products from goods producing sectors. Table 9 of the *PPI Detailed Report* includes data for commodity indexes, organized in a hierarchal structure, including major groupings, subgroups, product classes, sub-product classes, and individual items.

Industry Net-Output Price Indexes

PPIs for the net output of industries and their products are grouped according to the North American Industry Classification System (NAICS). Prior to the release of January 2004, industry-based PPIs were published according to the Standard Industrial Classification (SIC) system. Industry price indexes are compatible with other economic time series organized by industry, such as data on employment, wages, and productivity. Table 11 of the *PPI Detailed Report* includes data for NAICS industries and industry groups (3-, 4-, 5-, and 6-digit codes), Census product classes (7- and 8-digit codes), products (9-digit codes), more detailed sub-products (11-digit codes), and, for some industries, indexes for other sources of revenue.

Indexes may represent one of three kinds of product categories. Every industry has primary product indexes that show changes in prices received by establishments classified in the industry for products made primarily, but not necessarily exclusively, by that industry. The industry classification of an establishment is determined by which products make up a plurality of its total shipment value. In addition, most industries have secondary product indexes that show changes in prices received by establishments for products chiefly made in some other industry. Some industries have miscellaneous receipts indexes that track price changes for other sources of revenue received by establishments within the industry that are not derived from sales of their products; for example, resales of purchased materials, or revenues from parking lots owned by a manufacturing plant.

Data Collection

PPIs are constructed using 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 also are 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 submitted by survey respondents are effective on the Tuesday of the week containing the 13th day of the month. The survey is conducted via Internet, mail, and fax.

Price data are provided on a voluntary and confidential basis; only sworn BLS employees are allowed access to individual company price reports. BLS publishes price indexes instead of actual prices. All PPIs are subject to revision 4 months after original publication to reflect the availability of late reports and corrections by respondents.

BLS periodically updates the PPI sample of survey respondents to better reflect current conditions when the structure, membership, technology, or product mix of an industry shifts significantly and to spread reporting burden among smaller firms. Results of these resampling efforts are incorporated into the PPI with the release of data for January and July.

As part of an ongoing effort to expand coverage to sectors of the economy other than mining and manufacturing, an increasing number of service and construction sector industries have been introduced into the PPI. The following list of industries introduced since the mid-1990s includes the month and year in which an article describing the industry's content appeared in the *PPI Detailed Report*.

Service and construction sector industries introduced into the Producer Price Index, by SIC or NAICS code and the *PPI Detailed Report* that announces their introduction

Title	Code	*PPI Detailed Report* Issue
	SIC	
Wireless telecommunications …….	4812	July 1999
Telephone communications, except radio telephone …….	4813	July 1995
Television broadcasting ……..	4833	July 2002
Grocery stores ……..	5411	July 2000
Meat and fish (seafood) markets ……..	5421	July 2000
Fruit and vegetable markets ……..	5431	July 2000
Candy, nut, and confectionery stores …	5441	July 2000
Retail bakeries ……..	5461	July 2000
Miscellaneous food stores ……..	5499	July 2000
New car dealers …….	5511	July 2000
Gasoline service stations …….	5541	January 2002

Title	Code	*PPI Detailed Report* Issue
	SIC	
Boat dealers ……..	5551	January 2002
Recreational vehicle dealers ……..	5561	January 2002
Miscellaneous retail …….	59	January 2001
Security brokers, dealers, and investment bankers ……..	6211	January 2001
Investment advice …….	6282	January 2003
Life insurance carriers …….	6311	January 1999
Property and casualty insurance ……	6331	July 1998
Insurance agencies and brokerages ….	6412	January 2003
Operators and lessors of nonresidential buildings …….	6512	January 1996
Real estate agents and managers …….	6531	January 1996
Prepackaged software …….	7372	January 1998
Data processing services …….	7374	January 2002
Home health care services …….	8082	January 1997
Legal services ……..	8111	January 1997
Engineering design, analysis, and consulting services ……..	8711	January 1997
Architectural design, analysis, and consulting services ……..	8712	January 1997
Premiums for property and casualty insurance ……..	9331	July 1998
	NAICS	
New Industrial building construction …..	236211	January 2008
New warehouse building construction ..	236221	July 2005
New school construction …….	236222	July 2006
New office construction ……..	236223	January 2007
New health care building construction...	236224	January 2013
Concrete contractors, nonresidential building work …….	23811X	July 2008
Roofing contractors, nonresidential building work …….	23816X	July 2008
Electrical contractors, nonresidential building work …….	23821X	July 2008
Plumbing / HVAC contractors, nonresidential building work …….	23822X	July 2008
Merchant wholesalers, durable goods ..	423	July 2005
Merchant wholesalers, nondurable goods ……..	424	July 2005
Wholesale trade agents and brokers …	425120	July 2005
Electronics and appliance stores ……..	443	January 2004
Building material and garden equipment and supplies dealers……..	444	January 2004
Sporting goods, hobby, book, and music stores ……..	451	January 2004
General merchandise stores ……..	452	January 2004
Miscellaneous store retailers ……..	453	January 2004
Internet service providers …….	518111	July 2005
Internet publishing and web search portals ……..	519130	January 2010
Commercial banking …….	522110	January 2005
Savings institutions ……..	522120	January 2005
Direct health and medical insurance carriers …….	524114	July 2004
Construction, mining, and forestry machinery and equipment rental and leasing …….	532412	January 2005
Management consulting services ……..	541610	January 2007

Title	Code	*PPI Detailed Report* Issue
	NAICS	
Security guards and patrol services …...	561612	July 2005
Computer training …….	611420	July 2007
Offices of dentists ……..	621210	January 2011
Blood and organ banks …….	621991	January 2007
Amusement and theme parks …….	713110	July 2006
Golf courses and country clubs ……..	713910	July 2006
Fitness and recreational sports centers .	713940	July 2005
Commercial machinery repair and maintenance……..	811310	July 2007

Weights

Weights for most commodity groupings of the PPI, as well as, weights for commodity-based aggregate indexes calculated from commodity groupings, such as FD-ID indexes, currently reflect 2007 values of shipments as reported in the *Census of Manufactures* and other sources. From January 2007 to December 2011, PPI weights were derived from 2002 shipment values. Industry indexes now are calculated under the 2012 NAICS structure utilizing 2007 value of shipment weights and 2002 net output ratios. The periodic update of the value weights used to calculate the PPI is done to more accurately reflect changes in production and marketing patterns in the economy.

Net output values of shipments are used as weights for industry indexes. Net output values refer to the value of shipments from establishments within the industry to buyers outside the industry. However, weights for commodity indexes are based on gross shipment values, including values of shipments between establishments within the same industry. As a result, broad commodity grouping indexes, such as the PPI for All Commodities (which is composed of major commodity groupings 01 through 15), are affected by the multiple counting of price change at successive stages of processing, which can lead to exaggerated or misleading signals about inflation. The intermediate demand by commodity type FD-ID indexes partially correct for this defect, but industry indexes, final demand FD-ID indexes, and intermediate demand by production flow FD-ID indexes consistently correct for this at all levels of aggregation. Therefore, industry and FD-ID indexes are more appropriate than broad commodity groupings for analysis of general price trends.

Price Index Reference Base

Effective with publication of January 1988 data, many important PPI series (including most commodity groups and individual items) were placed on a new reference base, 1982 = 100. 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 previously published percent changes for affected PPI series. (See “Calculating Index Changes,” below.) The 1982 reference base is not used for commodity indexes with a base

later than December 1981 or for industry net output indexes and their products. The FD-ID indexes typically have a reference base of November 2009 = 100.

For further information on the underlying concepts and methodology of the Producer Price Index, see chapter 14, "Producer Prices," in the *BLS Handbook of Methods*. This chapter can be downloaded from the BLS Web site at **www.bls.gov/opub/hom/homch14.htm**.

Calculating Index Changes

Each PPI measures price changes from a reference period that equals 100.0. An increase of 5.5 percent from the reference period in the Final Demand Goods Price Index, for example, is shown as 105.5. This change also can be expressed in dollars, as follows: prices received by domestic producers of a sample of final demand goods have risen from $100 in November 2009 to $105.50. Likewise, a current index of 90.0 would indicate that prices received by producers of final demand goods are 10 percent lower than they were in November 2009.

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

Index point change

Final Demand 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

Seasonally Adjusted and Unadjusted Data

Because price data are used for different purposes by different groups, BLS publishes seasonally adjusted and unadjusted changes each month. Seasonally adjusted data are preferred for analyzing general price trends in the economy because these data 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 trends. Unadjusted data are of primary interest to users who need information that 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 when escalating long-term contracts such as purchasing agreements or real estate leases. For more information, see *Escalation Guide for Contracting Parties*, on the Web at **www.bls.gov/ppi/ppiescalation.htm**.

In 1998, the PPI implemented the X-12-ARIMA Seasonal Adjustment Method; prior to that year, PPI employed the X-11 method. Each year, the seasonal status of most commodity indexes is reevaluated to reflect more recent price behavior. Industry net output indexes are not seasonally adjusted. For time series that exhibit seasonal pricing patterns, new seasonal factors are estimated and applied to the unadjusted data from the prior 5 years. Updated seasonally adjusted indexes replace the most recent 5 years of seasonal data.

Seasonal factors may be applied to series using either a direct or an aggregative method. Generally, commodity indexes are seasonally adjusted using direct seasonal adjustment, which produces a more complete elimination of seasonal movements than does the aggregative method. However, the direct seasonal adjustment process may 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. Seasonal movements for FD-ID indexes are derived indirectly through an aggregative method that combines movements of a wide variety of subproduct class (six-digit) series.

Seasonally adjusted indexes can become problematic when previously stable and predictable price patterns abruptly change. If the new pattern persists, the seasonal adjustment method will eventually reflect it; if the pattern keeps shifting, however, seasonally adjusted data will become 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.

Since January 1988, the PPI has used Intervention Analysis Seasonal Adjustment methods to enhance the calculation of seasonal factors. With this technique, outlier values that may distort the seasonal pattern are removed from the data prior to applying the standard seasonal factor estimation procedure. For example, a possible economic cause for large price movements for petroleum-based products might have been the Persian Gulf War. In this case, intervention techniques allowed for better estimates of seasonally adjusted data. On the whole, very few series have required intervention. Out of almost 300 seasonally adjusted series, only 31 were subject to intervention in 2013.

For more information relating to seasonal adjustment methods, see "Summary of Changes to the PPI's Seasonal Adjustment Methodology" in the January 1995 issue of *Producer Price Indexes*, and "PPI and CPI Seasonal Adjustment: an Update" in the July 2010 *Monthly Labor Review*.

Producer Price Index Data on the Internet

In 1995, the BLS began posting PPI series, news releases, and technical information to both a World Wide Web (WWW) site and a file transfer protocol (FTP) site. During the years following the introduction of PPI Internet services, use of these sites eclipsed more traditional methods of data dissemination, such as subscriptions to the *PPI Detailed Report*. There were more than 5 million instances of PPI data

and tables being downloaded from the Internet during the 12 months ended December 31, 2012.

Retrieving PPI data from the PPI Web site

PPI data can be obtained from the WWW address (**www.bls.gov/ppi**). On this page, under the tab labeled "Featured PPI databases" links provide the following methods of data retrieval:

- ***Top Picks*** is a form-based application for both Industry Data and Commodity Data that allows the user to quickly obtain PPI time series data by selecting the high-level aggregate and other commonly requested time series, including the All Commodities Index and the FD-ID indexes (for example, Final Demand). Within each list, any one—or all—of the time series shown can be selected. A user can modify the date range and output options after executing the query, using the reformat button above the data output table.

- ***One-Screen Data Search*** *and* ***Multi-Screen Data Search*** are form-based query applications for both Industry Data and Commodity Data designed for users unfamiliar with the PPI coding structure. These applications guide a user through the PPI classification by listing index titles and do not require knowledge of commodity or industry codes. Data retrieved are based on a query formulated by selecting data characteristics from lists provided. Two options are available to create customized tables, depending on a user's browser capability. The one-screen option is a JavaScript application that uses a single screen to guide a user through the available time series data. The second option is a multiple-screen, non-Java-based application. Both methods allow a user to browse the PPI coding structure and select multiple series. Users can modify the date range and output options after executing the query using the reformat button above the data output table.

- ***Series Report*** is a form-based application that allows users to input multiple, formatted PPI time series identifiers (commodity or industry codes) as inputs in extracting data according to a specified set of date ranges and output options. This application provides the most efficient path for users who are familiar with the format of PPI time series identifiers. There are five alphabetic prefixes used to create unique PPI time series identifiers: WP, WD, PC, PD, and ND. Each provides the user access to a different PPI database. Adding either a "u" (not seasonally adjusted) or an "s" (seasonally adjusted) to the end of these prefixes further specifies the type of data needed.

EXAMPLES

For commodity and FD-ID indexes, series identifiers combine a "wpu" prefix (not seasonally adjusted) or a "wps" prefix (seasonally adjusted) with a commodity code.

Commodity code	*Provides data for:*
wps141101	Passenger cars, seasonally adjusted
wpu141101	Passenger cars, not seasonally adjusted
wpufd4	Final demand, not seasonally adjusted
wpsid63	Services for intermediate demand, seasonally adjusted

For discontinued commodity indexes, series identifiers combine a "wdu" prefix (not seasonally adjusted) or a "wds" prefix (seasonally adjusted) with a commodity code.

Commodity code	*Provides data for:*
wds019	Other farm products, seasonally adjusted
wdu0635	Preparations, ethical (prescription), not seasonally adjusted
wdusi138011	Stainless steel mill products, not seasonally adjusted

Current price indexes grouped by industry according to NAICS have series identifiers that begin with the prefix "pcu." After the prefix, there are 12 digits (the 6-digit industry code is listed twice) followed by up to 7 alphanumeric characters identifying product detail. Dashes are used as placeholders for higher-level industry group codes.

Industry-product code, current NAICS series	*Provides data for:*
pcu325---325---	Chemical manufacturing
pcu336110336110	Automobile and light duty motor vehicle manufacturing
pcu621111621111411	Offices of physicians, one- and two-physician practices and single-specialty group practices, general/family practice

Discontinued industry-product codes based on SIC combine a "pdu" prefix and "#" between the fourth and fifth characters of the product code. Series identifiers for the discontinued dataset use underscores as placeholders to complete a reference to an SIC industry group code of fewer than four digits. (All PPI industry-based indexes organized by SIC were discontinued with the introduction of NAICS in 2004.)

Industry-product code, discontinued SIC series	*Provides data for:*
pdu28_ _#	Chemicals and allied products
pdu331_#	Blast furnaces, steel works, and rolling and finishing mills
pdu3711#111	Passenger cars

Price indexes for discontinued series grouped by industry according to NAICS have identifiers that begin with the prefix "ndu." After the prefix, there are 12 numeric digits (the 6-digit industry code is listed twice), and up to 7 additional alphanumeric characters that identify product detail. Dashes are used as placeholders for higher-level group codes.

Industry-product code, discontinued NAICS series	*Provides data for*
ndu212231212231	Lead and zinc ore mining
ndu2122312122312	Lead, zinc concentrates
ndu212231212231214	Lead concentrates

- ***Text Files*** are best suited for users requiring access to either a large volume of time series data or other PPI-related documentation, such as seasonal factor tables and relative importance tables. The text files can be accessed at **http://download.bls.gov/** or directly from links on the "PPI Databases" page or the PPI homepage. Data and documentation available for download include the following:

	Directory:
Industry Data	**/pub/time.series/pc**
Industry Data - Discontinued	
(NAICS basis)	**/pub/time.series/nd**
(SIC basis)	**/pub/time.series/pd**
Commodity Data (incl. FD-ID)	**/pub/time.series/wp**
Commodity Data – Discontinued	**/pub/time.series/wd**
Special requests	**/pub/special.requests/ppi**

Additional information

The PPI homepage (**www.bls.gov/ppi**) contains additional information regarding PPI data and methodology. The top section of the homepage provides PPI news releases, both current and archived, as well as general PPI information. The "PPI Tables" section found beneath the statistics section provides relative importance and seasonal factor tables. The remaining sections offer special notices and publications pertaining to PPI methodology and applications.

For questions or comments regarding PPI data classification, methodology, or data availability on the Internet, call or e-mail the Section of Index Analysis and Public Information at (202) 691-7705 or *ppi-info@bls.gov*.