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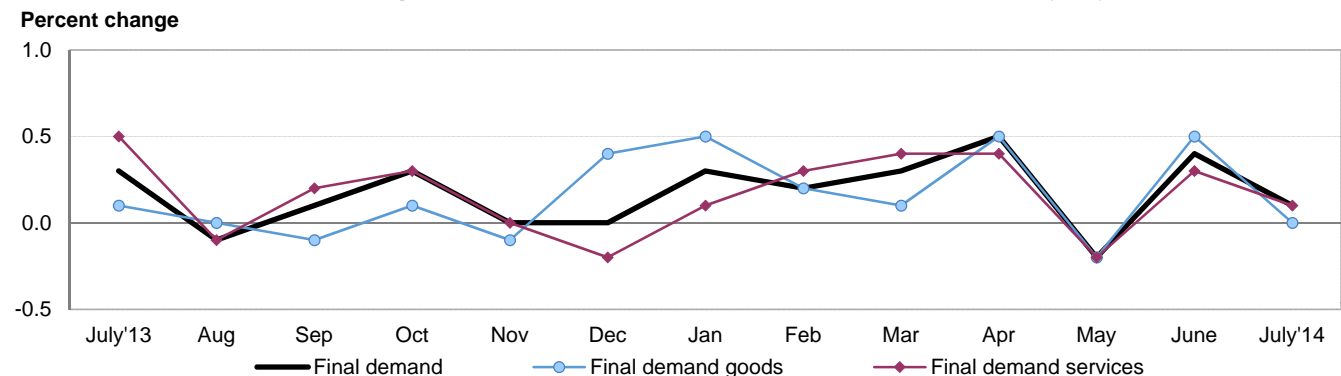
## PRODUCER PRICE INDEXES – JULY 2014

The Producer Price Index for final demand rose 0.1 percent in July, seasonally adjusted, the U.S. Bureau of Labor Statistics reported today. This increase followed a 0.4-percent advance in June and a 0.2-percent decline in May. On an unadjusted basis, the index for final demand climbed 1.7 percent for the 12 months ended in July. (See table A.)

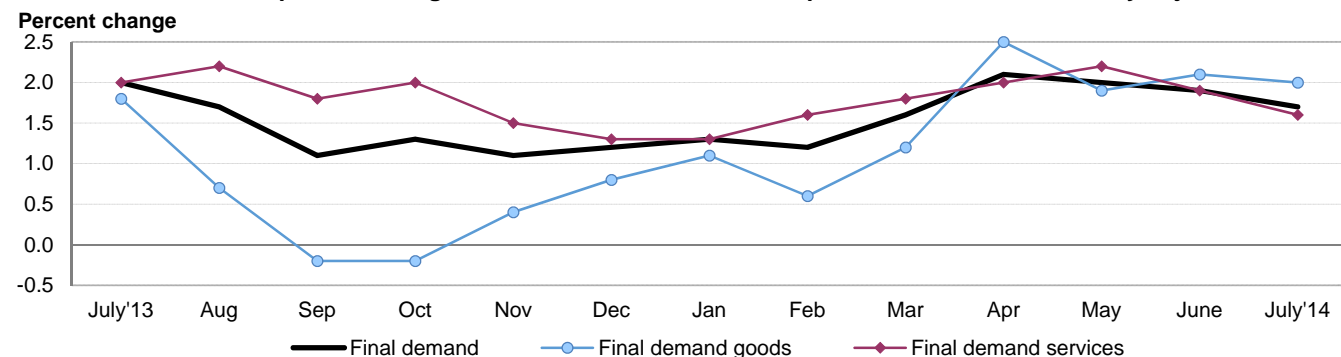
In July, the 0.1-percent increase in final demand prices can be traced to the index for final demand services, which also rose 0.1 percent. Prices for final demand goods were unchanged.

Within intermediate demand, prices for processed goods advanced 0.1 percent, the index for unprocessed goods dropped 2.7 percent, and prices for services moved up 0.3 percent. (See tables B and C.)

**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 goods				Final demand services				Change in final demand from 12 months ago (unadj.)
		Total	Foods	Energy	Less foods and energy	Total	Trade	Transportation and warehousing	Other	
<b>2013</b>										
July.....	0.3	0.1	0.3	-0.1	0.0	0.5	1.0	0.7	0.0	2.0
Aug.....	-0.1	0.0	-0.6	0.7	0.0	-0.1	-0.6	0.1	0.2	1.7
Sept.....	0.1	-0.1	-0.7	0.2	0.0	0.2	0.4	-0.1	0.1	1.1
Oct.....	0.3	0.1	0.3	0.0	0.0	0.3	0.2	0.3	0.3	1.3
Nov.....	0.0	-0.1	-0.2	-0.6	0.1	0.0	0.2	-0.5	0.1	1.1
Dec.....	0.0	0.4	-0.2	1.2	0.4	-0.2	-1.0	1.6	0.1	1.2
<b>2014</b>										
Jan.....	0.3	0.5	0.7	0.6	0.5	0.1	0.0	-0.9	0.2	1.3
Feb.....	0.2	0.2	0.7	-0.3	0.2	0.3	0.6	-0.4	0.1	1.2
Mar. <sup>1</sup> .....	0.3	0.1	1.3	-0.2	-0.1	0.4	0.6	0.4	0.3	1.6
Apr. <sup>1</sup> .....	0.5	0.5	2.3	-0.2	0.3	0.4	0.8	0.6	0.2	2.1
May.....	-0.2	-0.2	-0.2	-0.2	0.0	-0.2	-0.5	0.9	-0.1	2.0
June.....	0.4	0.5	-0.2	2.1	0.1	0.3	0.2	0.3	0.3	1.9
July.....	0.1	0.0	0.4	-0.6	0.2	0.1	0.2	0.5	0.0	1.7

<sup>1</sup> Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for March 2014 have been revised to reflect the availability of late reports and corrections by respondents.

## **Final Demand**

*(Final demand includes goods, services, and construction which are sold for personal consumption, capital investment, government purchases, and export. See table 4 for product detail.)*

**Final demand services:** The index for final demand services inched up 0.1 percent in July after rising 0.3 percent in the prior month. Leading the July increase, the index for final demand transportation and warehousing services moved up 0.5 percent. Margins for final demand trade services advanced 0.2 percent. (Trade indexes measure changes in margins received by wholesalers and retailers.) The index for final demand services less trade, transportation, and warehousing was unchanged.

*Product detail:* In July, prices for truck transportation of freight climbed 0.7 percent. Margins for automotive fuels and lubricants retailing and for apparel, footwear, and accessories retailing increased. The indexes for portfolio management and passenger car rental also moved higher. In contrast, margins for machinery and equipment wholesaling fell 1.7 percent in July. The indexes for loan services (partial); apparel wholesaling; and health, beauty, and optical goods retailing also decreased. (See table 4.)

**Final demand goods:** Prices for final demand goods were unchanged in July after moving up 0.5 percent in June. In July, a 0.2-percent rise in the index for final demand goods less foods and energy and a 0.4-percent increase in prices for final demand foods offset a 0.6-percent decline in the index for final demand energy.

*Product detail:* In July, among prices for final demand goods, the index for pharmaceutical preparations rose 1.0 percent. Prices for meats, processed poultry, residential electric power, and light motor trucks also moved higher. Conversely, gasoline prices fell 2.1 percent in July. The indexes for soybeans, fresh and dry vegetables, grains, and gold and platinum jewelry also decreased.

**Special grouping, Final demand less foods, energy, and trade:** Prices for final demand less foods, energy, and trade services rose 0.2 in July following a 0.2-percent advance in June and no change in May. (The index for final demand less foods, energy, and trade services represents about two-thirds of final demand.)

**Special grouping, Finished goods:** Prices for finished goods inched up 0.1 percent in July after a 0.7-percent advance in June. (The finished goods index represents about two-thirds of final demand goods, through the exclusion of the weight for government purchases and exports. The finished goods index represents about one-quarter of overall final demand.) The July increase was led by prices for finished consumer foods, which climbed 1.0 percent. The index for finished goods less foods and energy edged up 0.1 percent. In contrast, prices for finished consumer energy goods declined 0.7 percent. Within finished goods, rising prices for meats, residential electric power, processed poultry, pharmaceutical preparations, and light motor trucks outweighed falling prices for gasoline, fresh and dry vegetables, residential natural gas, and gold and platinum jewelry.

### **Intermediate Demand**

*(Intermediate demand includes goods, services, and maintenance and repair construction sold to businesses, excluding capital investment. BLS publishes two parallel treatments of intermediate demand, each constructed from the identical set of commodity price indexes. The first treatment organizes commodities according to commodity type, and the second organizes commodities using a stage-based, production flow model. See the technical note for more information.)*

### **Intermediate Demand by Commodity Type**

**Processed goods for intermediate demand:** The index for processed goods for intermediate demand edged up 0.1 percent in July following a 0.4-percent increase in June. Leading the July advance, prices for processed materials less foods and energy rose 0.3 percent. Also contributing, but to a lesser extent, the index for processed foods and feeds moved up 0.4 percent. Conversely, prices for processed energy goods declined 0.3 percent. For the 12 months ended in July, prices for processed goods for intermediate demand rose 1.6 percent, the largest 12-month advance since a 2.9-percent increase in March 2012. (See table B.)

*Product detail:* Accounting for over three-quarters of the July increase in the index for processed goods for intermediate demand, prices for primary basic organic chemicals moved up 3.9 percent. The indexes for meats, nonferrous metals, diesel fuel, and electric power also advanced. In contrast, gasoline prices moved down 2.1 percent in July. The indexes for natural gas to electric utilities, prepared animal feeds, and ethanol also declined. (See table 5.)

**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.)
<b>2013</b>										
July.....	0.0	1.6	0.3	-0.2	1.3	0.2	-0.7	0.9	-0.1	8.5
Aug.....	0.0	-2.3	0.6	0.2	0.4	-1.4	-3.4	-0.5	0.0	1.9
Sept.....	0.1	0.5	0.3	-0.1	-0.6	-0.1	-0.7	1.0	-1.2	0.5
Oct.....	-0.1	-1.8	0.0	0.1	-0.8	-0.5	1.1	-1.8	-0.6	-0.5
Nov.....	-0.3	-0.9	-0.9	-0.1	-0.4	-1.7	-0.6	-4.0	1.0	-3.0
Dec.....	0.4	0.7	1.2	0.1	0.1	2.2	-0.6	5.3	1.1	-1.9
<b>2014</b>										
Jan.....	0.7	1.2	1.5	0.4	0.5	0.9	3.6	-1.7	1.8	-0.5
Feb.....	0.3	1.0	0.2	0.4	-0.2	5.1	0.6	13.4	-1.2	5.1
Mar. <sup>1</sup> .....	0.0	1.3	-0.4	-0.2	0.7	-0.2	7.2	-6.4	-0.5	5.3
Apr. <sup>1</sup> .....	0.0	2.9	-1.6	0.3	1.5	0.8	3.7	-2.8	1.8	6.5
May.....	-0.1	-0.2	0.3	-0.2	1.3	0.0	-2.3	2.7	-0.7	4.4
June.....	0.4	-0.1	1.3	0.1	1.5	-0.9	-3.0	1.2	-1.1	3.9
July.....	0.1	0.4	-0.3	0.3	1.6	-2.7	-0.4	-6.4	0.0	0.9

<sup>1</sup> Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for March 2014 have been revised to reflect the availability of late reports and corrections by respondents.

**Unprocessed goods for intermediate demand:** The index for unprocessed goods for intermediate demand moved down 2.7 percent in July, the largest decline since falling 3.3 percent in June 2012. The decrease in July was led by prices for unprocessed energy materials, which dropped 6.4 percent. The index for unprocessed foodstuffs and feedstuffs moved down 0.4 percent. Prices for unprocessed nonfood materials less energy were unchanged. For the 12 months ended in July, the index for unprocessed goods for intermediate demand rose 0.9 percent, the smallest 12-month change since a 0.5-percent decline in January 2014.

*Product detail:* In July, over two-thirds of the decline in the index for unprocessed goods for intermediate demand can be traced to crude petroleum prices, which fell 8.0 percent. The indexes for grains, soybeans, natural gas, ungraded chicken eggs, and wastepaper also decreased. In contrast, prices for slaughter livestock increased 7.9 percent. The indexes for nonferrous metals and unprocessed finfish also advanced.

**Services for intermediate demand:** The index for services for intermediate demand increased 0.3 percent in July after rising 0.6 percent in June. In July, nearly 70 percent of the broad-based advance can be traced to prices for services less trade, transportation, and warehousing for intermediate demand, which moved up 0.3 percent. A 0.5-percent increase in the index for transportation and warehousing services for intermediate demand and a 0.1-percent rise in margins for trade services for intermediate demand also contributed to the advance. For the 12 months ended in July, the index for services for intermediate demand increased 1.7 percent. (See table C.)

*Product detail:* In July, about 30 percent of the rise in the index for services for intermediate demand can be traced to a 5.6-percent jump in prices for television advertising time sales. The indexes for portfolio management; passenger car rental; services related to securities brokerage and dealing; courier, messenger, and U.S. postal services; and paper and plastics products wholesaling also increased. Conversely, prices for loan services (partial) fell 2.1 percent in July. The indexes for parts and supplies for machinery and equipment wholesaling and for services related to air transportation 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, change from 12 months ago (unadj.)
	Total	Trade	Transportation and warehousing	Other	
<b>2013</b>					
July.....	0.1	0.6	0.4	0.0	1.9
Aug.....	0.2	-0.3	0.3	0.3	2.1
Sept.....	0.1	0.7	0.2	-0.1	1.8
Oct.....	0.2	-0.3	0.3	0.2	1.2
Nov.....	0.2	0.8	0.0	0.1	0.9
Dec.....	-0.2	-0.5	0.5	-0.2	1.0
<b>2014</b>					
Jan.....	0.3	-0.2	-0.3	0.6	1.1
Feb.....	0.2	0.1	0.9	0.0	1.4
Mar. <sup>1</sup> .....	0.4	0.3	0.2	0.4	1.7
Apr. <sup>1</sup> .....	-0.1	-0.1	0.2	-0.1	1.2
May.....	-0.4	-0.7	0.4	-0.5	1.2
June.....	0.6	1.3	0.3	0.5	1.5
July.....	0.3	0.1	0.5	0.3	1.7

<sup>1</sup> Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for March 2014 have been revised to reflect the availability of late reports and corrections by respondents.

## **Intermediate Demand by Production Flow**

**Stage 4 intermediate demand** (*The stage 4 intermediate demand index measures price changes for products purchased by industries that primarily produce output sold to final demand.*): The index for stage 4 intermediate demand advanced 0.2 percent in July. Prices for total services inputs to stage 4 intermediate demand rose 0.3 percent, and the index for total goods inputs moved up 0.1 percent. (See table D.) Increases in prices for portfolio management, meats, services related to securities brokerage and dealing, passenger car rental, diesel fuel, and processed poultry outweighed declines in the indexes for grains, loan services (partial), and gasoline. (See table 6.) For the 12 months ended in July, the index for stage 4 intermediate demand rose 1.5 percent.

**Stage 3 intermediate demand** (*The stage 3 intermediate demand index measures price changes for products purchased by industries that primarily produce output sold to industries classified in stage 4.*): Prices for stage 3 intermediate demand moved up 0.6 percent in July, the largest advance since a 1.0-percent increase in March 2014. In July, the index for total goods inputs to stage 3 intermediate demand rose 0.7 percent, and the index for total services inputs advanced 0.4 percent. Higher prices for slaughter livestock; slaughter poultry; television advertising time sales; courier, messenger, and U.S. postal services; unprocessed finfish; and diesel fuel outweighed decreases in the indexes for ungraded chicken eggs, grains, and loan services (partial). For the 12 months ended in July, the index for stage 3 intermediate demand climbed 3.6 percent, the largest 12-month advance since a 4.3-percent increase in January 2012.

**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	Ser-vices inputs	Total	Goods inputs	Ser-vices inputs	Total	Goods inputs	Ser-vices inputs	Total	Goods inputs	Ser-vices inputs
<b>2013</b>												
July.....	0.2	0.1	0.2	-0.3	-0.3	-0.2	0.4	0.6	0.2	0.4	0.0	0.6
Aug.....	0.1	0.1	0.3	0.1	-0.1	0.3	-0.4	-0.9	0.2	0.3	0.4	0.4
Sept.....	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.3	0.3	-0.2	-0.3	-0.1
Oct.....	0.2	0.0	0.3	0.2	0.4	-0.1	-0.9	-1.4	-0.2	-0.1	-0.4	0.5
Nov.....	0.0	-0.3	0.2	0.1	-0.1	0.2	-1.3	-2.5	0.3	0.2	0.2	0.2
Dec.....	0.1	0.4	-0.1	0.0	0.2	-0.1	1.4	2.8	-0.3	0.5	0.8	0.0
<b>2014</b>												
Jan.....	0.3	0.5	0.2	1.1	1.5	0.5	0.3	0.1	0.6	1.2	2.1	0.1
Feb.....	0.2	0.1	0.1	0.4	0.6	0.4	3.8	6.3	0.3	0.0	-0.2	0.3
Mar. <sup>1</sup> .....	0.3	0.2	0.6	1.0	1.6	0.2	-2.0	-3.5	0.0	-0.3	-1.0	0.5
Apr. <sup>1</sup> .....	0.1	0.1	-0.1	0.3	0.7	-0.1	-0.4	-0.6	-0.2	0.0	0.1	0.0
May.....	-0.3	-0.1	-0.4	-0.3	-0.7	-0.1	0.3	1.0	-0.4	-0.6	-0.6	-0.6
June.....	0.5	0.3	0.6	0.1	0.0	0.3	0.4	0.3	0.6	0.5	0.4	0.6
July.....	0.2	0.1	0.3	0.6	0.7	0.4	-1.7	-3.1	0.2	0.7	0.7	0.5

<sup>1</sup> Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for March 2014 have been revised to reflect the availability of late reports and corrections by respondents.

**Stage 2 intermediate demand** (*The stage 2 intermediate demand index measures price changes for products purchased by industries that primarily produce output sold to industries classified in stage 3.*): The index for stage 2 intermediate demand fell 1.7 percent in July, the largest decrease since a 2.0-percent drop in March 2014. In July, prices for total goods inputs to stage 2 intermediate demand declined 3.1 percent. In contrast, the index for total services inputs rose 0.2 percent. Decreases in the indexes for crude petroleum, natural gas, grains, prepared animal feeds, loan services (partial), and soybeans outweighed advances for television advertising time sales, primary basic organic chemicals, and nonferrous metals. For the 12 months ended in July, the index for stage 2 intermediate demand moved down 0.6 percent, the largest 12-month decline since a 1.3-percent decrease in November 2013.

**Stage 1 intermediate demand** (*The stage 1 intermediate demand index measures price changes for products purchased by industries that primarily produce output sold to industries classified in stage 2.*): The index for stage 1 intermediate demand increased 0.7 percent in July, the largest rise since a 1.2-percent advance in January 2014. In July, prices for total goods inputs to stage 1 intermediate demand rose 0.7 percent, and the index for total services inputs moved up 0.5 percent. Increases in the indexes for primary basic organic chemicals, industrial electric power, nonferrous metals, portfolio management, services related to securities brokerage and dealing, and diesel fuel outweighed falling prices for gasoline; industrial natural gas; and securities brokerage, dealing, and investment advice. For the 12 months ended in July, the index for stage 1 intermediate demand jumped 2.3 percent, the largest 12-month rise since a 2.5-percent advance in January 2012.

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**The Producer Price Index for August 2014 is scheduled to be released on Tuesday, September 16, 2014 at 8:30 a.m. (EDT).**

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### **Resampling of Industries**

Effective with the release of data for July 2014, the Producer Price Index (PPI) includes data for 47 resampled industries classified according to the 2012 North American Industry Classification System (NAICS). The Bureau of Labor Statistics periodically updates the sample of producers providing data for the PPI to reflect current conditions more accurately when the structure, membership, technology, or product mix of an industry shifts. The first results of this systematic process were published in July 1986. Subsequent efforts have been completed at 6-month intervals.

For information on specific index additions, deletions, and recodes effective this month, see the July 2014 issue of the *PPI Detailed Report* online at [www.bls.gov/ppi/ppidr201407.pdf](http://www.bls.gov/ppi/ppidr201407.pdf), or contact the PPI's Section of Index Analysis and Public Information at [ppi-info@bls.gov](mailto:ppi-info@bls.gov) or (202) 691-7705.

#### *NAICS*

<i>Code</i>	<i>Industry</i>
212111	Bituminous coal and lignite surface mining
212112	Bituminous coal underground mining
212230	Copper, nickel, lead and zinc mining*
212324	Kaolin and ball clay mining
212391	Potash, soda, and borate mineral mining
236222	New school building construction
311811	Retail bakeries
312130	Wineries

## Resampling of Industries – Continued

### NAICS

<i>Code</i>	<i>Industry</i>
312230	Tobacco manufacturing
316992	Women's handbag and purse manufacturing
321212	Softwood veneer and plywood manufacturing
322110	Pulp mills
322122	Newsprint mills
323117	Books printing
325199	All other basic organic chemical manufacturing
325998	Other miscellaneous chemical product manufacturing
332439	Other metal container manufacturing
333314	Optical instrument and lens manufacturing
333414	Heating equipment (except warm air furnaces) manufacturing
333519	Rolling mill and other metalworking machinery manufacturing
334290	Other communications equipment manufacturing
334412	Bare printed circuit board manufacturing
334514	Totalizing fluid meters and counting devices manufacturing
334519	Other measuring and controlling device manufacturing
335228	Other major household appliance manufacturing
335931	Current-carrying wiring device manufacturing
336214	Travel trailer and camper manufacturing
336991	Motorcycle, bicycle, and parts manufacturing
337215	Showcases, partitions, shelving, and lockers manufacturing
339994	Broom, brush, and mop manufacturing
445310	Beer, wine, and liquor stores
446110	Pharmacies and drug stores
451211	Book stores
453110	Florists
453220	Gift, novelty, and souvenir stores
488119	Other airport operations
488190	Other support activities for air transportation
621111	Offices of physicians, except mental health
621210	Offices of dentists
621511	Medical laboratories
621512	Diagnostic imaging centers
621610	Home health care services
622110	General medical and surgical hospitals
622210	Psychiatric and substance abuse hospitals
622310	Other specialty hospitals
623110	Nursing care facilities
623210	Residential developmental disability homes

\* Combines data formerly included under NAICS 212231 (Lead ore and zinc ore mining) and NAICS 212234 (Copper ore and nickel ore mining).



# 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	<i>PPI Detailed Report Issue</i>
	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
<b>SIC</b>		
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
<b>NAICS</b>		
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
<b>NAICS</b>		
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/opus/hom/homch14.htm](http://www.bls.gov/opus/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](http://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 (1) “Appendix A: Seasonal Adjustment Methodology at BLS,” in the *BLS Handbook of Methods* (July 2010), (2) “Summary of Changes to the PPI’s Seasonal Adjustment Methodology” in the January 1995 issue of *Producer Price Indexes*, and (3) “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](http://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.

<u>Commodity code</u>	<u>Provides data for:</u>
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.

<u>Commodity code</u>	<u>Provides data for:</u>
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.

<u>Industry-product code, current NAICS series</u>	<u>Provides data for:</u>
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.)

<u>Industry-product code, discontinued SIC series</u>	<u>Provides data for:</u>
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*

ndu212231212231  
ndu2122312122312  
ndu212231212231214

*Provides data for*

Lead and zinc ore mining  
Lead, zinc concentrates  
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:

Industry Data	<u>Directory:</u> <a href="#">/pub/time.series/pc</a>
Industry Data - Discontinued (NAICS basis)	<a href="#">/pub/time.series/nd</a>
(SIC basis)	<a href="#">/pub/time.series/pd</a>
Commodity Data (incl. FD-ID)	<a href="#">/pub/time.series/wp</a>
Commodity Data – Discontinued	<a href="#">/pub/time.series/wd</a>
Special requests	<a href="#">/pub/special.requests/ppi</a>

### Additional information

The PPI homepage ([www.bls.gov/ppi](http://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](mailto:ppi-info@bls.gov).

**Table 1. Producer price indexes and percent changes for final demand<sup>1</sup>**  
 [Nov 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2013 <sup>2</sup>	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>3</sup>	June 2014 <sup>3</sup>	July 2014 <sup>3</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
Final demand.....		100.000	110.8	111.3	111.4	1.7	0.1	-0.2	0.4	0.1
Final demand goods.....		34.397	114.3	115.3	115.3	2.0	0.0	-0.2	0.5	0.0
Final demand foods.....		5.490	120.0	122.8	123.1	3.7	0.2	-0.2	-0.2	0.4
Finished consumer foods <sup>4</sup> .....	00/82	4.525	208.4	213.2	215.2	5.9	0.9	-0.1	0.4	1.0
Finished consumer foods, crude.....	00/82	0.341	187.8	195.2	189.7	4.7	-2.8	-0.4	1.2	-3.4
Finished consumer foods, processed.....	00/82	4.184	210.4	215.0	217.7	6.0	1.3	-0.1	0.3	1.4
Government purchased foods.....		0.226	125.3	129.9	131.4	9.6	1.2	-0.3	0.5	1.2
Foods for export.....		0.739	131.8	134.6	129.0	-10.0	-4.2	-0.9	-3.6	-4.0
Final demand energy.....		6.782	127.9	130.5	130.1	2.5	-0.3	-0.2	2.1	-0.6
Finished consumer energy goods <sup>4</sup> .....	00/82	5.354	196.3	201.6	201.0	2.9	-0.3	-0.3	2.3	-0.7
Government purchased energy.....		1.050	141.6	141.4	140.9	1.4	-0.4	0.1	1.3	-0.3
Energy for export.....		0.378	145.2	143.3	141.1	-0.7	-1.5	0.5	1.0	-1.3
Final demand goods less foods and energy.....		22.125	109.2	109.4	109.5	1.5	0.1	0.0	0.1	0.2
Finished goods less foods and energy <sup>4</sup> .....	00/82	13.748	187.9	188.2	188.3	1.8	0.1	0.1	0.2	0.1
Finished consumer goods less foods and energy.....	00/82	7.668	204.4	205.0	205.3	2.2	0.1	0.0	0.2	0.1
Nondurable consumer goods less foods and energy.....	00/82	4.396	251.5	253.0	254.0	3.0	0.4	0.0	0.5	0.3
Durable consumer goods.....	00/82	3.272	153.6	153.4	153.1	1.2	-0.2	0.1	-0.1	0.0
Private capital equipment.....	00/82	6.080	166.1	166.0	166.0	1.3	0.0	0.1	0.1	0.1
Private capital equipment for manufacturing industries.....	00/82	1.453	168.2	168.7	168.7	1.4	0.0	0.1	0.2	0.1
Private capital equipment for nonmanufacturing industries.....	00/82	4.627	165.3	165.0	165.0	1.4	0.0	0.1	0.1	0.1
Government purchased goods, excluding foods and energy.....		2.402	108.7	108.9	109.0	0.9	0.1	0.0	0.1	0.1
Government purchased goods excluding foods, energy, and capital equipment.....		1.459	110.2	110.6	110.7	1.0	0.1	-0.2	0.2	0.1
Government purchased capital equipment.....		0.943	105.2	105.1	105.2	0.8	0.1	0.1	0.1	0.1
Goods for export, excluding foods and energy.....		5.975	110.5	110.6	110.8	0.9	0.2	-0.3	0.1	0.2
Final demand services.....		63.520	108.8	109.0	109.1	1.6	0.1	-0.2	0.3	0.1
Final demand trade services <sup>5</sup> .....		19.896	109.9	109.8	109.7	1.0	-0.1	-0.5	0.2	0.2
Trade of finished goods <sup>4</sup> .....		17.349	109.9	109.7	109.7	1.0	0.0	-0.5	0.1	0.3
Trade of personal consumption goods.....		14.487	110.2	109.9	110.1	1.4	0.2	-0.5	0.2	0.5
Trade of private capital equipment.....		2.862	107.9	108.6	107.0	-1.1	-1.5	-0.7	-0.4	-1.5
Trade of government purchased goods.....		0.802	109.5	109.9	109.2	1.2	-0.6	-1.0	0.4	-0.5
Trade of government purchased goods, excluding capital equipment.....		0.526	109.4	109.8	109.6	2.3	-0.2	-1.0	0.9	-0.1
Trade of government purchased capital equipment.....		0.276	109.7	110.1	108.6	-0.8	-1.4	-1.2	-0.4	-1.4
Trade of exports.....		1.745	109.5	110.6	109.5	0.5	-1.0	-0.6	0.8	-1.0
Final demand transportation and warehousing services.....		4.894	117.4	119.0	119.1	2.7	0.1	0.9	0.3	0.5
Transportation of passengers for final demand.....		1.395	119.4	122.8	122.5	2.9	-0.2	0.8	0.8	0.3
Transportation of private passengers.....		1.170	119.4	122.8	122.5	2.9	-0.2	0.8	0.8	0.3
Transportation of government passengers.....		0.191	119.4	122.8	122.4	2.9	-0.3	0.8	0.8	0.2
Transportation of passengers for export.....		0.034	119.5	122.9	122.6	2.9	-0.2	0.8	0.8	0.3
Transportation and warehousing of goods for final demand.....		3.499	116.5	117.4	117.8	2.7	0.3	0.9	0.2	0.6
Transportation and warehousing of finished goods <sup>4</sup> .....		2.229	115.9	117.0	117.3	2.7	0.3	0.9	0.3	0.6
Transportation and warehousing of personal consumption goods.....		1.768	116.1	117.2	117.5	2.8	0.3	0.8	0.3	0.6
Transportation and warehousing of private capital equipment.....		0.461	114.9	116.2	116.6	2.7	0.3	0.9	0.3	0.7
Transportation and warehousing of government purchased goods.....		0.401	115.6	116.3	116.6	2.8	0.3	0.7	0.2	0.5
Transportation and warehousing of exports.....		0.869	118.7	119.3	119.5	2.2	0.2	0.8	0.2	0.6
Final demand services less trade, transportation, and warehousing.....		38.730	107.4	107.5	107.7	1.7	0.2	-0.1	0.3	0.0
Finished services less trade, transportation, and warehousing <sup>4</sup> .....		34.446	107.7	107.9	108.1	1.8	0.2	-0.1	0.3	0.0
Finished consumer services less trade, transportation, and warehousing.....		32.418	107.7	107.9	108.0	1.8	0.1	-0.1	0.3	0.0
Private capital investment services less trade, transportation, and warehousing.....		2.028	109.2	108.7	109.2	1.0	0.5	0.4	-0.2	0.4
Government purchased services less trade, transportation, and warehousing.....		2.860	104.2	104.4	104.8	1.6	0.4	0.0	0.4	0.2
Gov. purchased services less trade, transportation, and warehousing, excl. capital investment.....		2.772	104.4	104.7	105.0	1.5	0.3	0.0	0.5	0.1
Government purchased capital investment services less trade, transportation, and warehousing.....		0.088	97.6	96.6	98.1	1.0	1.6	0.3	-0.8	1.6
Services for export less trade, transportation, and warehousing.....		1.424	105.0	104.4	104.4	0.3	0.0	-0.8	0.4	0.0
Final demand construction.....		2.084	110.0	110.4	110.9	3.3	0.5	0.1	0.1	0.5
Construction for private capital investment.....		1.433	109.8	110.2	110.7	3.2	0.5	0.1	0.1	0.5
Construction for government.....		0.651	110.2	110.8	111.1	3.2	0.3	0.1	0.2	0.3
<b>Special groupings</b>										
Final demand less exports.....	04/10	88.836	109.0	109.5	109.6	2.0	0.1	-0.1	0.4	0.2
Final demand less government.....	04/10	91.417	109.1	109.6	109.6	1.8	0.0	-0.2	0.4	0.0
Final demand less foods, food and nonalcoholic beverages for immediate consumption, and energy <sup>6</sup> .....	04/10	87.205	107.9	108.1	108.1	1.5	0.0	-0.1	0.2	0.1
Final demand less foods and energy <sup>6</sup> .....	04/10	87.728	107.8	108.0	108.1	1.6	0.1	-0.1	0.2	0.2

See footnotes at end of table.



**Table 1. Producer price indexes and percent changes for final demand<sup>1</sup> — Continued**  
 [Nov 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative importance Dec. 2013 <sup>2</sup>	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>3</sup>	June 2014 <sup>3</sup>	July 2014 <sup>3</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
Final demand less foods and food and nonalcoholic beverages for immediate consumption <sup>6</sup>	04/10	93.987	108.8	109.2	109.2	1.7	0.0	-0.1	0.4	0.0
Final demand less foods <sup>6</sup>	04/10	94.510	108.7	109.1	109.1	1.7	0.0	-0.1	0.4	0.0
Final demand less energy	04/10	93.218	108.3	108.6	108.7	1.7	0.1	-0.1	0.2	0.2
Final demand less trade services	01/10	80.104	109.9	110.5	110.6	1.9	0.1	-0.1	0.4	0.1
Final demand less distributive services <sup>7</sup>	01/10	76.605	109.6	110.2	110.3	1.8	0.1	0.0	0.4	0.0
Final demand goods less energy	01/10	27.615	110.3	110.9	111.1	1.9	0.2	-0.1	0.1	0.2
Final demand goods less foods	04/10	28.907	110.6	111.2	111.2	1.7	0.0	-0.1	0.5	0.0
Final demand services less trade services	04/10	43.624	107.6	107.9	108.0	1.8	0.1	0.0	0.3	0.1
Final demand distributive services <sup>7</sup>	04/10	23.395	108.8	108.8	108.8	1.2	0.0	-0.3	0.2	0.2
Final demand goods plus final demand distributive services <sup>7</sup>	04/10	57.792	110.4	111.0	111.0	1.6	0.0	-0.2	0.4	0.1
Final demand less foods, energy, and trade services <sup>6</sup>	08/13	67.832	101.3	101.5	101.7	—	0.2	0.0	0.2	0.2
Private and government purchased capital equipment	08/13	7.023	101.4	101.3	101.3	—	0.0	0.1	0.1	0.1
Private and government purchased capital investment services	08/13	5.715	100.1	100.4	99.7	—	-0.7	-0.2	-0.2	-0.7
Total private and government purchased capital investment	08/13	12.738	101.0	101.1	101.0	—	-0.1	-0.1	0.0	-0.1
Total finished <sup>4</sup>	01/10	80.254	109.5	110.0	110.2	2.0	0.2	-0.1	0.4	0.1
Total finished less foods, food and nonalcoholic beverages for immediate consumption, and energy <sup>4, 6</sup>	12/10	69.877	107.4	107.6	107.7	1.7	0.1	-0.2	0.3	0.1
Total finished less foods and energy <sup>4, 6</sup>	01/10	70.375	108.3	108.4	108.5	1.6	0.1	-0.1	0.2	0.1
Total finished less foods and food and nonalcoholic beverages for immediate consumption <sup>4, 6</sup>	12/10	75.231	107.9	108.3	108.3	1.7	0.0	-0.1	0.4	0.1
Total finished less foods <sup>4, 6</sup>	01/10	75.729	109.2	109.5	109.6	1.8	0.1	-0.1	0.4	0.0
Total finished less energy <sup>4</sup>	01/10	74.900	108.7	109.0	109.2	2.0	0.2	-0.1	0.2	0.2
Finished goods <sup>4</sup>	00/82	23.627	200.3	202.7	203.0	2.9	0.1	-0.1	0.7	0.1
Finished goods less energy <sup>4</sup>	00/82	18.273	192.5	193.8	194.4	2.9	0.3	0.0	0.2	0.4
Finished goods, excluding foods <sup>4, 6</sup>	00/82	19.102	197.6	199.3	199.3	2.2	0.0	-0.1	0.8	-0.1
Finished services <sup>4</sup>	01/10	55.194	108.1	108.3	108.3	1.5	0.0	-0.2	0.3	0.1
Private capital investment services	04/10	5.351	107.7	108.0	107.3	0.0	-0.6	-0.2	-0.2	-0.6
Finished distributive services <sup>4, 7</sup>	04/10	19.578	108.4	108.4	108.4	1.2	0.0	-0.4	0.1	0.4
Finished services less trade services <sup>4</sup>	04/10	37.845	107.7	108.0	108.2	1.9	0.2	0.0	0.3	0.1
Finished services less distributive services <sup>4, 7</sup>	04/10	35.616	107.3	107.6	107.7	1.7	0.1	0.0	0.3	0.0
Total private capital investment (goods, services, and construction)	04/10	12.864	106.8	106.9	106.7	1.0	-0.2	-0.1	0.0	-0.2
Finished goods plus finished distributive services <sup>4</sup>	04/10	43.205	110.3	110.9	111.0	2.1	0.1	-0.3	0.5	0.3
Total exports	04/10	11.164	109.7	110.0	109.5	0.0	-0.5	-0.3	0.0	-0.4
Goods for export	00/82	7.092	191.2	191.6	190.8	-0.5	-0.4	-0.3	-0.3	-0.4
Services for export	04/10	4.072	108.8	109.2	108.8	0.8	-0.4	-0.4	0.6	-0.4
Total government purchases	04/10	8.583	109.2	109.6	109.7	1.8	0.1	-0.1	0.4	0.1
Government purchased goods	00/82	3.678	194.0	194.6	194.6	1.6	0.0	-0.1	0.5	0.1
Government purchased services	04/10	4.254	106.0	106.4	106.5	1.6	0.1	-0.1	0.4	0.1
Total government purchased capital investment (goods, services, construction)	08/13	1.958	101.1	101.3	101.3	—	0.0	-0.1	0.0	0.0
Personal consumption	01/10	67.390	110.1	110.6	110.8	2.1	0.2	-0.2	0.5	0.2
Personal consumption goods (finished consumer goods)	00/82	17.547	214.7	218.0	218.5	3.4	0.2	-0.1	0.9	0.1
Personal consumption goods less energy	00/82	12.193	205.6	207.7	208.6	3.6	0.4	0.0	0.3	0.5
Personal consumption goods less foods	00/82	13.022	215.7	218.5	218.4	2.5	0.0	-0.1	1.1	-0.2
Personal consumption nondurable goods less foods	00/82	9.750	243.4	247.6	247.7	3.0	0.0	-0.2	1.5	-0.2
Personal consumption services	04/10	49.843	107.7	107.9	108.1	1.8	0.2	-0.2	0.3	0.2
Personal consumption less trade services	04/10	52.903	109.8	110.6	110.7	2.3	0.1	0.0	0.5	0.1
Personal consumption less distributive services <sup>7</sup>	04/10	51.135	109.6	110.4	110.6	2.4	0.2	-0.1	0.5	0.0
Personal consumption less foods and energy	04/14	57.511	—	100.3	100.5	—	0.2	—	0.3	0.2
Personal consumption less foods, energy, and trade services <sup>5</sup>	04/14	43.024	—	100.2	100.4	—	0.2	—	0.2	0.2
Personal consumption less foods, energy, and distributive services <sup>7</sup>	04/14	41.256	—	100.2	100.4	—	0.2	—	0.3	0.1
Personal consumption goods plus personal consumption distributive services <sup>7</sup>	08/13	33.802	101.5	102.3	102.5	—	0.2	-0.2	0.6	0.4

<sup>1</sup> Further information about the Final Demand-Intermediate Demand Aggregation system is available online at <http://www.bls.gov/ppi/fdidaggregation.htm>.  
<sup>2</sup> 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.  
<sup>3</sup> The indexes for March 2014 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.  
<sup>4</sup> PPI defines Total finished as including only the personal consumption and private capital investment portions of final demand.  
<sup>5</sup> Trade indexes measure changes in margins received by wholesalers and retailers.  
<sup>6</sup> 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.  
<sup>7</sup> 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<sup>1</sup>**  
 [Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2013 <sup>2</sup>	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>3</sup>	June 2014 <sup>3</sup>	July 2014 <sup>3</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
<b>Processed goods</b>										
Processed goods for intermediate demand.....	00/82	100.000	203.0	204.3	204.5	1.6	0.1	-0.1	0.4	0.1
Materials and components for manufacturing.....	00/82	44.497	188.4	189.2	190.0	1.4	0.4	-0.4	0.2	0.5
Materials for manufacturing.....		28.184	117.9	118.7	119.4	2.0	0.6	-0.6	0.2	0.7
Materials for food manufacturing.....	00/82	3.344	205.4	212.6	215.5	7.5	1.4	-0.4	0.1	1.6
Materials for nondurable manufacturing.....	00/82	15.742	240.7	240.7	241.8	0.1	0.5	-1.0	0.0	0.5
Materials for durable manufacturing.....	00/82	9.098	195.8	197.0	198.1	3.0	0.6	0.0	0.4	0.7
Components for manufacturing.....	00/82	16.313	149.8	150.0	150.1	0.6	0.1	0.0	0.1	0.1
Components for nondurable manufacturing.....		0.484	110.6	111.2	111.3	2.3	0.1	0.4	0.1	0.2
Components for durable manufacturing.....		15.829	106.0	106.1	106.2	0.5	0.1	0.0	0.1	0.1
Materials and components for construction.....	00/82	9.590	226.6	227.3	227.4	2.2	0.0	0.0	0.3	0.1
Materials for construction.....		5.408	113.3	113.8	113.8	2.8	0.0	0.2	0.4	0.2
Components for construction.....		4.182	111.1	111.3	111.3	1.5	0.0	-0.1	0.1	0.1
Processed fuels and lubricants for intermediate demand.....	00/82	20.134	214.9	217.6	216.9	2.4	-0.3	0.3	1.4	-0.3
Processed fuels and lubricants to manufacturing industries.....	00/82	5.144	211.3	214.8	216.2	3.5	0.7	0.1	0.7	0.6
Processed fuels and lubricants to nonmanufacturing industries.....	00/82	14.990	216.8	219.2	217.7	2.0	-0.7	0.4	1.6	-0.6
Containers for intermediate demand.....	00/82	2.674	218.2	218.9	218.9	2.0	0.0	0.2	0.0	0.0
Supplies for intermediate demand.....	00/82	23.105	193.8	195.3	195.1	0.8	-0.1	-0.1	0.1	-0.1
Supplies to manufacturing industries.....	00/82	2.920	187.7	188.1	187.9	1.0	-0.1	0.2	-0.1	-0.1
Supplies to nonmanufacturing industries.....	00/82	20.185	193.2	194.8	194.6	0.8	-0.1	-0.1	0.1	-0.1
Supplies to nonmanufacturing industries, feeds.....	00/82	1.741	224.5	232.0	223.6	-12.8	-3.6	0.5	-1.0	-3.6
Supplies to nonmanufacturing industries, other than feeds.....	00/82	18.444	192.3	193.4	193.9	2.3	0.3	-0.2	0.2	0.3
<b>Unprocessed goods</b>										
Unprocessed goods for intermediate demand.....	00/82	100.000	262.0	261.2	255.2	0.9	-2.3	0.0	-0.9	-2.7
Unprocessed foodstuffs and feedstuffs.....	00/82	36.959	216.2	216.7	214.4	4.6	-1.1	-2.3	-3.0	-0.4
Unprocessed nonfood materials.....	00/82	63.041	283.2	281.3	272.6	-1.3	-3.1	1.5	0.4	-4.2
Unprocessed nonfood materials except fuel.....	00/82	47.485	328.0	333.0	324.7	-4.0	-2.5	1.2	1.1	-4.0
Unprocessed nonfood materials except fuel to manufacturing industries.....	00/82	45.520	309.8	314.6	306.4	-4.4	-2.6	1.2	1.1	-4.2
Unprocessed nonfood materials except fuel to nonmanufacturing industries.....	00/82	1.965	223.0	226.3	225.9	4.5	-0.2	0.7	0.3	-0.2
Unprocessed fuel.....	00/82	15.556	204.1	190.9	181.7	8.0	-4.8	2.4	-1.3	-4.6
Unprocessed fuel to manufacturing industries.....	00/82	0.566	216.2	207.1	199.0	1.1	-3.9	1.4	-1.2	-3.5
Unprocessed fuel to nonmanufacturing industries.....	00/82	14.990	207.8	194.1	184.8	8.3	-4.8	2.4	-1.4	-4.6
<b>Services</b>										
Services for intermediate demand.....		100.000	108.7	108.8	109.0	1.7	0.2	-0.4	0.6	0.3
Trade services for intermediate demand <sup>4</sup> .....		17.049	109.9	110.2	110.2	1.1	0.0	-0.7	1.3	0.1
Trade services for manufacturing industries.....	12/12	9.074	98.2	98.5	98.3	1.3	-0.2	-0.6	1.3	-0.1
Trade services for nonmanufacturing industries.....	12/12	7.975	99.9	100.1	100.3	0.9	0.2	-0.9	1.1	0.3
Transportation and warehousing services for intermediate demand.....		14.341	119.3	119.9	120.1	3.4	0.2	0.4	0.3	0.5
Transportation of passengers for intermediate demand.....		1.044	119.3	122.7	122.3	2.9	-0.3	0.8	0.8	0.3
Transportation of passengers for manufacturing industries.....		0.203	119.5	122.9	122.6	2.9	-0.2	0.8	0.8	0.3
Transportation of passengers for nonmanufacturing industries.....		0.841	119.3	122.6	122.3	2.9	-0.2	0.8	0.8	0.2
Transportation and warehousing of goods for intermediate demand.....		13.297	119.3	119.7	119.9	3.5	0.2	0.3	0.3	0.5
Transportation and warehousing of goods for manufacturing industries.....	12/12	4.335	101.4	102.3	102.7	2.4	0.4	0.6	0.3	0.7
Transportation and warehousing of goods for nonmanufacturing industries.....	12/12	8.962	106.3	106.5	106.5	3.9	0.0	0.2	0.2	0.5
Services less trade, transportation, and warehousing for intermediate demand.....		68.609	106.5	106.4	106.6	1.5	0.2	-0.5	0.5	0.3
Services less trade, transportation, and warehousing for manufacturing industries.....		1.983	103.3	102.5	104.0	2.1	1.5	-0.6	-0.1	1.5
Services less trade, transportation, and warehousing for nonmanufacturing industries.....		66.626	106.5	106.5	106.7	1.5	0.2	-0.5	0.5	0.3
<b>Construction</b>										
Construction for intermediate demand.....		100.000	107.3	107.8	108.1	2.4	0.3	0.3	0.3	0.3
<b>Special groupings</b>										
Processed materials less foods and feeds.....	00/82	92.031	202.7	203.6	203.8	1.5	0.1	-0.1	0.4	0.1
Processed foods and feeds.....	00/82	7.969	207.6	214.1	214.6	2.5	0.2	-0.2	-0.1	0.4
Processed energy goods.....	00/82	21.393	218.8	221.4	220.6	2.3	-0.4	0.3	1.3	-0.3
Processed materials less energy.....	00/82	78.607	196.4	197.4	197.8	1.3	0.2	-0.2	0.1	0.3
Processed materials less foods and energy.....	00/82	70.638	195.0	195.4	195.8	1.2	0.2	-0.2	0.1	0.3
Intermediate distributive services <sup>5</sup> .....	04/10	30.346	111.3	111.6	111.7	2.1	0.1	-0.3	0.8	0.3
Processed goods plus intermediate distributive services.....	04/10	-	111.0	111.7	111.8	1.7	0.1	-0.1	0.5	0.2
Unprocessed materials less agricultural products.....	00/82	60.393	287.6	285.7	277.5	0.1	-2.9	1.6	0.8	-4.0

See footnotes at end of table.

**Table 2. Producer price indexes and percent changes for intermediate demand by commodity type<sup>1</sup> — Continued**

[Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2013 <sup>2</sup>	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>3</sup>	June 2014 <sup>3</sup>	July 2014 <sup>3</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
Unprocessed energy materials <sup>6</sup> .....	00/82	39.772	255.5	252.8	241.3	-1.8	-4.5	2.7	1.2	-6.4
Unprocessed materials less energy.....	00/82	60.228	251.3	251.4	249.3	3.0	-0.8	-1.7	-2.4	-0.2
Unprocessed nonfood materials less energy <sup>7</sup> .....	00/82	23.269	350.7	349.5	348.1	0.3	-0.4	-0.7	-1.1	0.0

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

<sup>2</sup> 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.

<sup>3</sup> The indexes for March 2014 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

<sup>4</sup> Trade indexes measure changes in margins received by wholesalers and retailers.

<sup>5</sup> Includes intermediate trade, transportation, and warehousing services.

<sup>6</sup> Includes crude petroleum.

<sup>7</sup> Excludes crude petroleum.

"-" Data not available.





**Table 3. Producer price indexes and percent changes for intermediate demand by production flow<sup>1</sup> — Continued**

[Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Relative Importance Dec. 2013 <sup>2</sup>	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>3</sup>	June 2014 <sup>3</sup>	July 2014 <sup>3</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
Total services inputs to stage 4 intermediate demand.....	04/10	47.952	107.9	108.0	108.2	1.9	0.2	-0.4	0.6	0.3
Total construction inputs to stage 4 intermediate demand.....	04/10	0.353	106.5	106.9	107.2	2.3	0.3	0.3	0.3	0.3
Total foods inputs to stage 4 intermediate demand.....	04/10	4.652	120.5	122.9	123.3	2.2	0.3	-0.5	-1.3	0.6
Total energy goods inputs to stage 4 intermediate demand.....	04/10	8.342	116.7	118.8	118.5	0.9	-0.3	0.1	1.7	-0.3
Total goods less foods and energy inputs to stage 4 intermediate demand. ...	04/10	38.700	108.3	108.6	108.6	1.1	0.0	0.0	0.1	0.1
Total goods inputs to stage 3 intermediate demand.....	04/10	54.513	117.4	117.8	118.3	5.1	0.4	-0.7	0.0	0.7
Total services inputs to stage 3 intermediate demand.....	04/10	44.982	107.6	107.7	107.8	2.0	0.1	-0.1	0.3	0.4
Total construction inputs to stage 3 intermediate demand.....	04/10	0.504	106.5	106.9	107.2	2.3	0.3	0.3	0.3	0.3
Total foods inputs to stage 3 intermediate demand.....	04/10	11.840	147.0	146.3	149.4	16.5	2.1	-3.0	-1.8	2.7
Total energy goods inputs to stage 3 intermediate demand.....	04/10	11.157	118.0	119.3	118.6	1.9	-0.6	0.5	1.6	-0.4
Total goods less foods and energy inputs to stage 3 intermediate demand. ...	04/10	31.516	107.7	108.1	108.3	1.9	0.2	0.0	0.2	0.2
Total goods inputs to stage 2 intermediate demand.....	04/10	57.568	115.3	115.2	112.5	-1.9	-2.3	1.0	0.3	-3.1
Total services inputs to stage 2 intermediate demand.....	04/10	41.780	106.7	106.9	106.9	1.3	0.0	-0.4	0.6	0.2
Total construction inputs to stage 2 intermediate demand.....	04/10	0.652	106.5	106.9	107.2	2.3	0.3	0.3	0.3	0.3
Total foods inputs to stage 2 intermediate demand.....	04/10	2.714	141.3	142.8	130.0	-24.0	-9.0	0.7	-7.7	-8.0
Total energy goods inputs to stage 2 intermediate demand.....	04/10	25.142	120.1	119.1	113.9	-0.8	-4.4	2.6	1.5	-6.3
Total goods less foods and energy inputs to stage 2 intermediate demand. ...	04/10	29.712	109.0	109.6	109.7	-0.4	0.1	-0.5	0.0	0.2
Total goods inputs to stage 1 intermediate demand.....	04/10	57.913	107.3	108.2	109.1	2.2	0.8	-0.6	0.4	0.7
Total services inputs to stage 1 intermediate demand.....	04/10	42.040	111.2	111.0	111.6	2.4	0.5	-0.6	0.6	0.5
Total construction inputs to stage 1 intermediate demand.....	04/10	0.049	106.5	106.9	107.2	2.3	0.3	0.3	0.3	0.3
Total foods inputs to stage 1 intermediate demand.....	04/10	0.735	125.8	129.6	129.8	0.2	0.2	-2.6	-1.4	0.1
Total energy goods inputs to stage 1 intermediate demand.....	04/10	24.095	113.4	116.4	117.1	3.3	0.6	0.3	0.8	0.3
Total goods less foods and energy inputs to stage 1 intermediate demand. ...	04/10	33.083	102.1	101.5	102.5	1.5	1.0	-1.1	0.0	1.2

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

<sup>2</sup> 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.

<sup>3</sup> The indexes for March 2014 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<sup>1</sup> — Continued**  
 [1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>2</sup>	June 2014 <sup>2</sup>	July 2014 <sup>2</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
Life insurance.....	41-11-01	03/09	103.8	104.1	104.4	0.7	0.3	0.1	0.2	0.3
Disability insurance, including accidental death.....	41-11-02	03/09	103.9	103.8	103.8	0.2	0.0	0.0	0.2	0.1
Health and medical insurance.....	41-11-03	03/09	116.4	116.4	116.4	1.0	0.0	0.4	0.1	0.0
Property and casualty insurance.....	41-11-04	03/09	109.9	110.0	110.4	1.4	0.4	0.3	0.1	0.3
Annuities <sup>3</sup> .....	41-2	03/09	110.3	109.8	110.0	4.4	0.2	0.1	0.0	0.2
Residential property sales and leases, brokerage fees and commissions.....	43-21	12/08	111.4	111.7	113.0	7.5	1.2	-1.5	0.2	1.2
Passenger car rental <sup>3</sup> .....	44-1	03/09	108.6	96.2	111.0	15.1	15.4	-10.1	-1.9	15.4
Legal services.....	45-1	03/09	116.4	118.6	117.2	3.4	-1.2	2.2	0.0	-1.0
Tax preparation and planning <sup>3</sup> .....	45-21-02	04/09	105.3	107.2	107.4	3.2	0.2	0.7	1.8	0.2
Architectural and engineering services.....	45-3	06/09	105.0	105.0	105.2	1.0	0.2	-0.2	0.1	0.0
Management, scientific, and technical consulting services <sup>3</sup> .....	45-4	06/09	103.7	103.1	104.1	0.2	1.0	-0.4	0.1	1.0
Arrangement of flights (partial) <sup>3</sup> .....	47-1	06/09	112.2	112.1	113.0	4.6	0.8	3.0	-0.8	0.8
Arrangement of vehicle rentals and lodging.....	47-2	12/08	77.5	76.7	75.4	-16.1	-1.7	-15.6	-4.6	-2.6
Arrangement of cruises and tours <sup>3</sup> .....	47-3	12/08	101.9	108.7	108.1	0.8	-0.6	-0.2	0.6	-0.6
Physician care.....	51-11-01	03/09	106.8	106.9	107.0	0.6	0.1	0.0	-0.1	0.2
Medical laboratory and diagnostic imaging care <sup>3</sup> .....	51-11-02	03/09	97.8	98.0	97.9	0.0	-0.1	0.0	0.2	-0.1
Home health and hospice care <sup>3</sup> .....	51-11-03	12/08	102.7	102.6	103.4	1.3	0.8	0.2	0.0	0.8
Hospital outpatient care.....	51-11-04	12/08	120.5	120.2	120.4	2.0	0.2	0.0	0.0	-0.2
Dental care.....	51-11-05	06/10	107.0	107.4	107.4	1.4	0.0	0.2	0.3	0.0
Hospital inpatient care.....	51-21-01	12/08	116.7	116.8	116.7	1.7	-0.1	0.3	0.0	-0.2
Nursing home care.....	51-21-02	12/08	109.9	110.3	110.3	1.1	0.0	0.2	0.4	-0.2
Computer training school services <sup>3</sup> .....	52-1	12/08	101.1	103.2	103.1	0.7	-0.1	1.4	0.6	-0.1
Traveler accommodation services.....	53-11	06/09	107.7	112.0	115.3	4.7	2.9	-0.1	2.9	1.4
Food and beverages for immediate consumption services (partial).....	54-1	06/09	110.3	111.1	112.0	3.0	0.8	1.0	0.0	0.6
Motor vehicle repair and maintenance (partial).....	55-2	12/08	121.6	121.9	121.9	3.3	0.0	0.3	-0.1	0.1
Membership dues and admissions and recreation facility use fees (partial).....	56-1	06/09	109.7	111.8	111.3	2.2	-0.4	1.2	0.1	-0.5
Recreational activity instruction fees (partial).....	56-2	12/08	114.2	114.2	114.2	2.5	0.0	0.2	1.3	0.0
Gaming receipts (partial) <sup>3</sup> .....	56-3	12/08	104.2	108.6	106.0	-0.3	-2.4	2.8	-0.2	-2.4
Mining services <sup>3</sup> .....	60-1	06/85	263.0	262.2	261.7	0.8	-0.2	0.9	0.2	-0.2
Final demand construction.....		11/09	110.0	110.4	110.9	3.3	0.5	0.1	0.1	0.5
New warehouse building construction <sup>3</sup> .....	80-11-01	12/04	137.3	137.2	138.4	2.3	0.9	-0.1	0.0	0.9
New school building construction <sup>3</sup> .....	80-11-02	12/05	145.8	146.6	146.9	3.7	0.2	0.1	0.2	0.2
New office building construction <sup>3</sup> .....	80-11-03	06/06	122.1	122.7	123.3	3.1	0.5	0.1	0.0	0.5
New industrial building construction <sup>3</sup> .....	80-11-04	06/07	115.6	115.9	116.6	3.6	0.6	0.1	0.0	0.6
New health care building construction <sup>3</sup> .....	80-11-05	06/12	104.1	104.7	104.8	3.6	0.1	0.1	0.4	0.1

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

<sup>2</sup> The indexes for March 2014 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

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

<sup>4</sup> 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<sup>1</sup>**  
 [1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>2</sup>	June 2014 <sup>2</sup>	July 2014 <sup>2</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
<b>Processed goods for intermediate demand.....</b>			203.0	204.3	204.5	1.6	0.1	-0.1	0.4	0.1
Processed foods and feeds.....			207.6	214.1	214.6	2.5	0.2	-0.2	-0.1	0.4
Meats.....	02-21		194.3	214.7	224.1	23.0	4.4	-1.7	2.2	5.5
Processed poultry.....	02-22		162.9	168.8	175.4	6.5	3.9	2.2	0.4	4.4
Dairy products.....	02-3		222.8	220.9	220.7	11.3	-0.1	-0.9	-2.3	-0.6
Processed fruits and vegetables <sup>3</sup> .....	02-4		191.8	193.8	193.9	-0.3	0.1	0.4	0.2	0.1
Refined sugar and byproducts <sup>3</sup> .....	02-53		157.0	161.0	166.3	-9.1	3.3	0.6	1.0	3.3
Fats and oils <sup>3</sup> .....	02-7		256.9	267.8	263.5	-7.0	-1.6	0.0	0.5	-1.6
Prepared animal feeds <sup>3</sup> .....	02-9		222.8	228.7	222.2	-10.7	-2.8	0.3	-0.8	-2.8
Processed materials less foods and feeds.....			202.7	203.6	203.8	1.5	0.1	-0.1	0.4	0.1
Synthetic fibers <sup>3</sup> .....	03-1		125.8	125.8	125.5	1.0	-0.2	-0.6	0.0	-0.2
Processed yarns and threads <sup>3</sup> .....	03-2		142.8	141.5	142.1	0.2	0.4	0.1	-0.6	0.4
Finished fabrics <sup>3</sup> .....	03-4		153.9	154.0	154.0	2.1	0.0	0.1	-0.1	0.0
Liquefied petroleum gas <sup>3</sup> .....	05-32		275.4	274.3	269.5	6.3	-1.7	-4.4	0.6	-1.7
Commercial electric power.....	05-42		190.5	200.7	203.5	3.7	1.4	0.2	1.0	0.4
Industrial electric power.....	05-43		214.8	222.0	227.3	7.5	2.4	-0.3	-0.5	1.9
Commercial natural gas <sup>3</sup> .....	05-52	12/90	216.3	201.5	202.8	8.9	0.6	-0.9	-2.4	0.6
Industrial natural gas.....	05-53	12/90	210.9	194.9	191.6	9.6	-1.7	-0.1	-3.9	-3.0
Natural gas to electric utilities.....	05-54	12/90	200.8	191.9	182.8	10.9	-4.7	1.5	0.9	-4.2
Gasoline.....	05-71		290.1	306.1	299.7	0.4	-2.1	-0.9	6.4	-2.1
Jet fuel.....	05-72-03		293.4	289.9	285.0	1.2	-1.7	-0.4	0.2	-2.5
No. 2 diesel fuel.....	05-73-03		318.1	308.8	307.8	-1.2	-0.3	3.9	-0.3	2.0
Residual fuels <sup>3</sup> .....	05-74		288.5	261.3	258.4	-1.7	-1.1	-2.6	1.1	-1.1
Finished lubricants <sup>3</sup> .....	05-76		400.4	401.2	404.0	-0.3	0.7	-0.4	-0.3	0.7
Lubricating oil base stocks <sup>3</sup> .....	05-78	06/09	182.0	182.5	181.0	1.5	-0.8	0.2	0.2	-0.8
Asphalt.....	05-81-02	06/85	248.3	278.7	283.4	8.5	1.7	-1.5	2.9	2.8
Basic inorganic chemicals <sup>3</sup> .....	06-13		272.2	264.7	268.8	-5.3	1.5	0.3	-1.3	1.5
Basic organic chemicals <sup>3</sup> .....	06-14		295.7	294.6	299.0	-1.6	1.5	-2.9	0.4	1.5
Prepared paint <sup>3</sup> .....	06-21		276.2	276.3	277.0	0.9	0.3	-0.4	0.0	0.3
Paint materials <sup>3</sup> .....	06-22		258.3	256.5	256.8	-3.7	0.1	2.0	1.0	0.1
Medicinal and botanical chemicals <sup>3</sup> .....	06-31		175.6	176.8	177.0	1.7	0.1	-0.2	0.5	0.1
Biological products, including diagnostics <sup>3</sup> .....	06-37		252.7	253.0	254.4	3.3	0.6	-0.7	0.3	0.6
Fats and oils, inedible.....	06-4		279.7	274.5	256.2	-18.9	-6.7	-1.4	0.4	-6.3
Nitrogenates.....	06-52-01		337.1	350.0	333.2	-6.6	-4.8	2.3	-1.8	-2.5
Phosphates <sup>3</sup> .....	06-52-02		224.3	246.8	236.3	-1.3	-4.3	2.2	-1.9	-4.3
Other agricultural chemicals <sup>3</sup> .....	06-53		186.6	185.8	185.9	1.4	0.1	-0.7	0.0	0.1
Plastic resins and materials <sup>3</sup> .....	06-6		256.6	256.5	256.6	5.0	0.0	0.2	-0.5	0.0
Industrial gases <sup>3</sup> .....	06-79-03		223.0	220.1	219.4	3.5	-0.3	-0.9	-1.1	-0.3
Adhesives and sealants <sup>3</sup> .....	06-79-04	10/83	251.1	252.4	252.3	1.9	0.0	-0.3	0.0	0.0
Synthetic rubber <sup>3</sup> .....	07-11-02		231.4	228.2	226.1	-2.9	-0.9	0.0	-1.3	-0.9
Tires <sup>3</sup> .....	07-12-01		150.8	149.2	149.4	-2.5	0.1	0.1	0.0	0.1
Plastic construction products <sup>3</sup> .....	07-21		211.8	210.7	210.6	1.5	0.0	-0.7	-0.1	0.0
Unsupported plastic film, sheet, other shapes <sup>3</sup> .....	07-22		218.1	219.4	219.7	3.0	0.1	0.5	0.0	0.1
Parts for manufacturing from plastics <sup>3</sup> .....	07-26		148.3	148.2	148.0	0.0	-0.1	0.0	0.0	-0.1
Plastic packaging products <sup>3</sup> .....	07-2A	12/06	116.3	115.6	114.6	-1.9	-0.9	0.4	-0.2	-0.9
Softwood lumber.....	08-11		211.5	204.1	203.7	9.5	-0.2	0.2	2.3	3.4
Hardwood lumber <sup>3</sup> .....	08-12		241.8	248.5	246.9	18.5	-0.6	0.7	0.2	-0.6
Millwork.....	08-2		231.1	231.8	232.6	3.0	0.3	0.0	0.0	0.4
Plywood <sup>3</sup> .....	08-3		197.5	200.4	205.4	5.9	2.5	1.4	0.7	2.5
Paper.....	09-13		192.2	193.6	193.3	1.0	-0.2	0.0	-0.1	-0.4
Paperboard <sup>3</sup> .....	09-14		249.7	249.4	249.3	0.6	0.0	0.1	0.0	0.0
Paper boxes and containers <sup>3</sup> .....	09-15-03		244.8	245.4	245.2	2.8	-0.1	0.3	-0.2	-0.1
Building paper and board <sup>3</sup> .....	09-2		192.3	194.1	191.6	-0.7	-1.3	0.4	1.6	-1.3
Commercial printing <sup>3</sup> .....	09-47	06/82	169.8	170.1	169.6	-0.2	-0.3	0.2	-0.1	-0.3
Foundry and forge shop products <sup>3</sup> .....	10-15		210.0	211.3	210.9	1.2	-0.2	0.1	0.7	-0.2
Steel mill products <sup>3</sup> .....	10-17		197.8	200.8	201.1	3.9	0.1	-0.1	0.5	0.1
Primary nonferrous metals <sup>3</sup> .....	10-22		190.6	192.6	196.0	3.2	1.8	-0.9	0.8	1.8
Secondary nonferrous metals <sup>3</sup> .....	10-24		231.1	230.9	237.5	6.7	2.9	0.3	0.3	2.9
Aluminum mill shapes <sup>3</sup> .....	10-25-01		174.0	177.3	179.7	5.0	1.4	1.5	-0.7	1.4
Copper and brass mill shapes <sup>3</sup> .....	10-25-02		395.6	392.1	405.0	2.9	3.3	2.7	-0.9	3.3
Nonferrous wire and cable <sup>3</sup> .....	10-26		253.5	252.1	253.5	-0.8	0.6	0.5	0.0	0.6
Nonferrous foundry shop products <sup>3</sup> .....	10-28		211.2	212.1	212.5	0.8	0.2	0.5	-0.7	0.2
Metal containers <sup>3</sup> .....	10-3		149.9	150.5	150.6	-1.0	0.1	0.0	0.1	0.1
Hardware <sup>3</sup> .....	10-4		207.2	206.5	206.8	1.1	0.1	0.2	-0.6	0.1
Plumbing fixtures and brass fittings.....	10-5		250.8	251.8	254.1	2.8	0.9	0.0	0.4	0.9
Heating equipment <sup>3</sup> .....	10-6		242.0	243.6	244.1	1.8	0.2	0.1	0.5	0.2
Fabricated structural metal products.....	10-7		215.0	216.4	216.4	1.3	0.0	0.0	0.0	0.2

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<sup>1</sup> — Continued**  
 [1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>2</sup>	June 2014 <sup>2</sup>	July 2014 <sup>2</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
Courier and messenger services, except air mail.....	30-16-02	04/09	139.3	139.9	139.9	5.7	0.0	0.1	0.4	0.6
Air mail and package delivery services, excluding by USPS.....	30-16-03	04/09	148.0	147.8	147.8	5.6	0.0	0.0	0.3	1.8
Transportation of passengers (partial).....	30-2	06/09	127.3	130.9	130.5	2.9	-0.3	0.5	0.9	0.5
Services related to water transportation <sup>3</sup> .....	31-1	06/09	113.1	112.3	113.3	1.9	0.9	-0.2	-0.3	0.9
Arrangement of freight and cargo <sup>3</sup> .....	31-31	12/08	107.7	107.4	107.0	1.3	-0.4	0.0	1.2	-0.4
Warehousing, storage, and related services <sup>3</sup> .....	32-1	12/08	97.2	97.4	97.6	0.3	0.2	0.0	0.2	0.2
Services less trade, transportation, and warehousing for intermediate demand.....		11/09	106.5	106.4	106.6	1.5	0.2	-0.5	0.5	0.3
Network compensation from broadcast TV, cable TV, radio <sup>3</sup> .....	35	06/09	110.1	110.2	110.1	0.0	-0.1	0.1	0.1	-0.1
Advertising space sales in periodicals and newspapers.....	36-11	06/09	104.8	104.5	105.8	3.4	1.2	0.2	0.6	1.2
Advertising space sales in directories and mail lists.....	36-12	12/08	109.1	108.9	109.2	0.0	0.3	-0.4	0.1	0.2
Television advertising time sales.....	36-2	06/09	112.3	114.3	112.2	7.2	-1.8	-0.4	-0.9	5.6
Radio advertising time sales <sup>3</sup> .....	36-3	03/09	102.2	103.9	102.7	0.8	-1.2	2.1	1.6	-1.2
Internet advertising space sales, excluding Internet ads sold by print publishers <sup>3</sup> .....	36-5	12/09	85.7	86.4	86.5	-1.7	0.1	2.0	1.5	0.1
Business wired telecommunication services <sup>3</sup> .....	37-12	06/09	95.7	95.5	95.5	-0.2	0.0	0.1	0.0	0.0
Cellular phone and other wireless telecommunication services.....	37-21	03/09	86.1	85.7	84.5	-2.9	-1.4	-1.4	0.2	-1.3
Cable and satellite subscriber services.....	37-3	12/08	111.2	111.4	111.4	1.3	0.0	0.6	0.1	0.0
Bundled wired telecommunication access services <sup>3</sup> .....	37-5	12/11	100.6	100.7	100.7	0.3	0.0	0.2	0.0	0.0
Data processing and related services <sup>3</sup> .....	38-1	06/09	101.1	100.9	100.7	0.5	-0.2	0.0	0.0	-0.2
Business loans (partial) <sup>3</sup> .....	39-11	04/09	210.0	205.1	200.3	-8.5	-2.3	-2.9	0.3	-2.3
Deposit services (partial) <sup>3</sup> .....	39-2	04/09	58.3	58.8	59.4	7.4	1.0	-1.0	3.2	1.0
Other credit intermediation, incl. trust services (partial) <sup>3</sup> .....	39-3	04/09	102.1	102.6	102.3	0.0	-0.3	0.8	0.0	-0.3
Securities brokerage, dealing, investment advice, and related <sup>3</sup> .....	40-11	06/09	103.8	101.6	101.9	-3.1	0.3	-2.8	1.6	0.3
Portfolio management <sup>3</sup> .....	40-2	12/08	172.3	172.8	176.2	15.8	2.0	-1.3	0.7	2.0
Investment banking <sup>3</sup> .....	40-3	12/08	138.1	139.3	139.2	8.0	-0.1	1.0	1.8	-0.1
Life insurance.....	41-11-01	03/09	103.8	104.1	104.4	0.7	0.3	0.1	0.2	0.3
Health and medical insurance.....	41-11-03	03/09	116.4	116.4	116.4	1.0	0.0	0.4	0.1	0.0
Property and casualty insurance.....	41-11-04	03/09	109.9	110.0	110.4	1.4	0.4	0.3	0.1	0.3
Annuities <sup>3</sup> .....	41-2	03/09	110.3	109.8	110.0	4.4	0.2	0.1	0.0	0.2
Commissions from sales of insurance <sup>3</sup> .....	42-1	06/09	102.2	102.3	102.4	0.9	0.1	0.0	0.2	0.1
Nonresidential real estate rents.....	43-11	06/09	104.0	105.0	105.5	2.7	0.5	-1.4	1.0	0.5
Nonresidential property sales and leases <sup>3</sup> .....	43-12	12/08	104.9	104.8	106.4	3.6	1.5	0.0	-0.1	1.5
Residential property management fees <sup>3</sup> .....	43-22	12/08	106.1	106.8	106.9	2.1	0.1	0.2	0.1	0.1
Passenger car rental <sup>3</sup> .....	44-1	03/09	108.6	96.2	111.0	15.1	15.4	-10.1	-1.9	15.4
Truck, utility trailer, and RV rental and leasing <sup>3</sup> .....	44-2	06/09	107.0	106.9	109.0	0.4	2.0	1.5	0.0	2.0
Metal treatment services <sup>3</sup> .....	59-1	12/84	178.5	178.9	180.4	2.7	0.8	0.1	0.3	0.8
Construction, mining, and forestry machinery and equipment rental and leasing <sup>3</sup> .....	44-3	03/09	100.3	101.0	98.7	-7.5	-2.3	0.1	0.2	-2.3
Legal services.....	45-1	03/09	116.4	118.6	117.2	3.4	-1.2	2.2	0.0	-1.0
Accounting services (partial).....	45-2	06/09	101.2	102.4	102.8	2.4	0.4	1.1	2.0	-0.3
Architectural and engineering services.....	45-3	06/09	105.0	105.0	105.2	1.0	0.2	-0.2	0.1	0.0
Management, scientific, and technical consulting <sup>3</sup> .....	45-4	06/09	103.7	103.1	104.1	0.2	1.0	-0.4	0.1	1.0
Advertising and related services (partial) <sup>3</sup> .....	45-5	12/08	104.4	104.3	104.6	1.7	0.3	0.0	-0.3	0.3
Permanent placement services <sup>3</sup> .....	46-1	03/09	108.2	110.9	111.2	4.6	0.3	-0.3	0.3	0.3
Executive search services <sup>3</sup> .....	46-2	12/08	99.1	99.1	99.1	0.0	0.0	0.0	0.0	0.0
Staffing services <sup>3</sup> .....	46-3	06/09	105.5	105.5	106.0	1.6	0.5	0.2	-0.1	0.5
Security guard services <sup>3</sup> .....	48-1	03/09	102.7	103.1	103.3	1.6	0.2	0.5	-0.4	0.2
Janitorial services <sup>3</sup> .....	49-1	03/09	105.4	105.7	105.8	1.1	0.1	0.0	0.0	0.1
Waste collection.....	50-1	12/08	114.0	113.8	114.1	2.3	0.3	-0.2	0.4	0.4
Traveler accommodation services.....	53-11	06/09	107.7	112.0	115.3	4.7	2.9	-0.1	2.9	1.4
Commercial and industrial machinery and equipment repair and maintenance <sup>3</sup> .....	55-1	03/09	114.9	115.3	115.2	3.3	-0.1	0.9	0.1	-0.1
Aircraft repair and maintenance.....	55-4	04/09	109.9	110.4	110.4	0.7	0.0	0.6	0.0	0.1
<b>Construction for intermediate demand.....</b>		11/09	107.3	107.8	108.1	2.4	0.3	0.3	0.3	0.3
Maintenance and repair of non-residential buildings (partial).....	80-2	12/10	108.5	109.0	109.3	2.3	0.3	0.2	0.4	0.3

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

<sup>2</sup> The indexes for March 2014 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

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

<sup>4</sup> 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<sup>1</sup> — Continued**  
 [1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>2</sup>	June 2014 <sup>2</sup>	July 2014 <sup>2</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
Advertising agency services <sup>3</sup> .....	45-51	12/08	104.4	104.3	104.6	1.7	0.3	0.0	-0.3	0.3
Staffing services <sup>3</sup> .....	46-3	06/09	105.5	105.5	106.0	1.6	0.5	0.2	-0.1	0.5
Janitorial services <sup>3</sup> .....	49-1	03/09	105.4	105.7	105.8	1.1	0.1	0.0	0.0	0.1
Commercial and industrial machinery and equipment repair and maintenance <sup>3</sup> .....	55-1	03/09	114.9	115.3	115.2	3.3	-0.1	0.9	0.1	-0.1
Aircraft repair and maintenance.....	55-4	04/09	109.9	110.4	110.4	0.7	0.0	0.6	0.0	0.1
Machinery and equipment parts and supplies wholesaling <sup>3</sup> .....	57-11-02	03/09	106.4	109.3	108.2	1.6	-1.0	1.3	2.4	-1.0
Building materials, paint, and hardware wholesaling <sup>3</sup> .....	57-3	03/09	87.3	89.1	89.5	-0.8	0.4	-1.2	0.9	0.4
Metals, minerals, and ores wholesaling <sup>3</sup> .....	57-4	03/09	139.1	133.3	133.5	-2.3	0.2	-2.3	0.0	0.2
Chemicals and allied products wholesaling.....	57-5	03/09	109.6	112.1	111.1	3.9	-0.9	-1.2	1.5	-0.3
Paper and plastics products wholesaling <sup>3</sup> .....	57-6	03/09	116.1	110.7	112.4	2.5	1.5	-1.9	0.0	1.5
Food and alcohol wholesaling <sup>3</sup> .....	57-8	06/09	96.7	99.8	99.9	2.8	0.1	-2.1	2.0	0.1
Metal treatment services <sup>3</sup> .....	59-1	12/84	178.5	178.9	180.4	2.7	0.8	0.1	0.3	0.8
<b>Stage 3 intermediate demand.....</b>		11/09	117.5	117.8	118.1	3.6	0.3	-0.3	0.1	0.6
Stage 3 intermediate demand goods.....		04/10	117.4	117.8	118.3	5.1	0.4	-0.7	0.0	0.7
Corn.....	01-22-02		187.0	178.8	148.3	-46.0	-17.1	1.0	-14.8	-15.8
Slaughter cattle <sup>3</sup> .....	01-31		222.6	223.8	236.3	30.7	5.6	-0.4	2.0	5.6
Slaughter hogs.....	01-32		141.3	141.5	162.4	26.6	14.8	-15.7	-0.7	15.8
Slaughter poultry.....	01-4		276.4	295.3	284.6	9.1	-3.6	0.4	-1.9	2.6
Raw milk.....	01-6		188.4	174.2	174.9	23.2	0.4	-2.9	-6.6	-0.7
Bituminous coal and lignite.....	05-12		204.1	201.4	196.2	-5.2	-2.6	0.3	-0.9	-2.0
Natural gas <sup>3</sup> .....	05-31		210.3	192.0	181.1	16.4	-5.7	3.4	-1.5	-5.7
Commercial electric power.....	05-42		190.5	200.7	203.5	3.7	1.4	0.2	1.0	0.4
Industrial electric power.....	05-43		214.8	222.0	227.3	7.5	2.4	-0.3	-0.5	1.9
Commercial natural gas <sup>3</sup> .....	05-52	12/90	216.3	201.5	202.8	8.9	0.6	-0.9	-2.4	0.6
Natural gas to electric utilities.....	05-54	12/90	200.8	191.9	182.8	10.9	-4.7	1.5	0.9	-4.2
Gasoline.....	05-71		290.1	306.1	299.7	0.4	-2.1	-0.9	6.4	-2.1
No. 2 diesel fuel.....	05-73-03		318.1	308.8	307.8	-1.2	-0.3	3.9	-0.3	2.0
Lubricating oil base stocks <sup>3</sup> .....	05-78	06/09	182.0	182.5	181.0	1.5	-0.8	0.2	0.2	-0.8
Basic inorganic chemicals <sup>3</sup> .....	06-13		272.2	264.7	268.8	-5.3	1.5	0.3	-1.3	1.5
Basic organic chemicals <sup>3</sup> .....	06-14		295.7	294.6	299.0	-0.6	1.5	-2.9	0.4	1.5
Paints and allied products <sup>3</sup> .....	06-2		275.8	275.6	276.0	-0.3	0.1	0.2	0.2	0.1
Plastic resins and materials <sup>3</sup> .....	06-6		256.6	256.5	256.6	5.0	0.0	0.2	-0.5	0.0
Synthetic rubber <sup>3</sup> .....	07-11-02		231.4	228.2	226.1	-2.9	-0.9	0.0	-1.3	-0.9
Unsupported plastic film, sheet, and other shapes <sup>3</sup> .....	07-22		218.1	219.4	219.7	3.0	0.1	0.5	0.0	0.1
Paper.....	09-13		192.2	193.6	193.3	1.0	-0.2	0.0	-0.1	-0.4
Paperboard <sup>3</sup> .....	09-14		249.7	249.4	249.3	0.6	0.0	0.1	0.0	0.0
Converted paper and paperboard products <sup>3</sup> .....	09-15		227.8	228.6	228.2	1.7	-0.2	0.1	0.3	-0.2
Commercial printing <sup>3</sup> .....	09-47	06/82	169.8	170.1	169.6	-0.2	-0.3	0.2	-0.1	-0.3
Foundry and forge shop products <sup>3</sup> .....	10-15		210.0	211.3	210.9	1.2	-0.2	0.1	0.7	-0.2
Steel mill products <sup>3</sup> .....	10-17		197.8	200.8	201.1	3.9	0.1	-0.1	0.5	0.1
Nonferrous metal ores <sup>3</sup> .....	10-21	12/83	319.0	315.9	322.8	5.9	2.2	-0.6	0.7	2.2
Nonferrous mill shapes <sup>3</sup> .....	10-25		196.6	198.8	202.8	3.5	2.0	2.2	-0.9	2.0
Nonferrous foundry shop products <sup>3</sup> .....	10-28		211.2	212.1	212.5	0.8	0.2	0.5	-0.7	0.2
Metal containers <sup>3</sup> .....	10-3		149.9	150.5	150.6	-1.0	0.1	0.0	0.1	0.1
Structural, architectural, and pre-engineered metal products <sup>3</sup> .....	10-74		211.1	212.2	211.7	0.1	-0.2	0.1	0.0	-0.2
Bolts, nuts, screws, rivets, and washers <sup>3</sup> .....	10-81		189.1	188.3	189.1	1.2	0.4	-0.4	0.0	0.4
Other miscellaneous metal products <sup>3</sup> .....	10-89		160.4	161.0	161.6	0.7	0.4	0.1	0.2	0.4
General purpose machinery and equipment <sup>3</sup> .....	11-4		221.9	222.9	223.1	2.2	0.1	0.0	0.2	0.1
Electrical machinery and equipment <sup>3</sup> .....	11-7		113.7	113.6	113.6	-0.3	0.0	-0.1	0.1	0.0
Construction sand, gravel, and crushed stone.....	13-21		286.4	290.9	290.2	4.5	-0.2	0.6	0.3	-0.3
Cement <sup>3</sup> .....	13-22		201.0	210.8	211.3	5.9	0.2	0.7	-0.2	0.2
Motor vehicle parts <sup>3</sup> .....	14-12		125.6	125.2	125.4	-0.2	0.2	-0.2	-0.2	0.2
Stage 3 intermediate demand services.....		04/10	107.6	107.7	107.8	2.0	0.1	-0.1	0.3	0.4
Rail transportation of freight and mail.....	30-11	12/08	120.8	121.5	121.7	2.7	0.2	-0.2	-0.2	1.0
Courier, messenger, and U.S. postal services.....	30-16	06/09	129.1	129.3	129.3	5.6	0.0	0.2	0.2	0.6
Airline passenger services.....	30-22	12/08	117.4	120.8	120.5	3.0	-0.2	0.8	0.8	0.3
Arrangement of freight and cargo <sup>3</sup> .....	31-31	12/08	107.7	107.4	107.0	1.3	-0.4	0.0	1.2	-0.4
Freight forwarding <sup>3</sup> .....	31-32-01	12/08	97.9	97.9	97.8	0.4	-0.1	0.0	0.0	-0.1
Warehousing, storage, and related services <sup>3</sup> .....	32-1	12/08	97.2	97.4	97.6	0.3	0.2	0.0	0.2	0.2
Advertising space sales in periodicals, newspapers, directories, and mailing lists.....	36-1	06/09	105.4	105.1	106.2	2.6	1.0	0.2	0.3	1.1
Cable network advertising time sales.....	36-21-02	12/08	118.2	117.2	114.2	12.3	-2.6	0.5	0.1	6.6
Data processing and related services <sup>3</sup> .....	38-1	06/09	101.1	100.9	100.7	0.5	-0.2	0.0	0.0	-0.2
Business loans (partial) <sup>3</sup> .....	39-11	04/09	210.0	205.1	200.3	-8.5	-2.3	-2.9	0.3	-2.3
Deposit services (partial) <sup>3</sup> .....	39-2	04/09	58.3	58.8	59.4	7.4	1.0	-1.0	3.2	1.0
Securities brokerage, dealing, investment advice, and related services <sup>3</sup> .....	40-11	06/09	103.8	101.6	101.9	-3.1	0.3	-2.8	1.6	0.3

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<sup>1</sup> — Continued**  
 [1982=100, unless otherwise indicated]

Grouping	Commodity code	Other index base	Unadjusted index			Unadjusted percent change to July 2014 from:		Seasonally adjusted percent change from:		
			Mar. 2014 <sup>2</sup>	June 2014 <sup>2</sup>	July 2014 <sup>2</sup>	July 2013	June 2014	Apr. to May	May to June	June to July
Gasoline.....	05-71		290.1	306.1	299.7	0.4	-2.1	-0.9	6.4	-2.1
No. 2 diesel fuel.....	05-73-03		318.1	308.8	307.8	-1.2	-0.3	3.9	-0.3	2.0
Lubricating oil base stocks <sup>3</sup> .....	05-78	06/09	182.0	182.5	181.0	1.5	-0.8	0.2	0.2	-0.8
Industrial chemicals <sup>3</sup> .....	06-1		291.1	288.9	293.2	-2.2	1.5	-2.5	0.2	1.5
Plastic construction products <sup>3</sup> .....	07-21		211.8	210.7	210.6	1.5	0.0	-0.7	-0.1	0.0
Wastepaper.....	09-12		372.6	338.9	337.8	-9.5	-0.3	2.2	0.7	-3.4
Commercial printing <sup>3</sup> .....	09-47	06/82	169.8	170.1	169.6	-0.2	-0.3	0.2	-0.1	-0.3
Iron and steel scrap <sup>3</sup> .....	10-12		552.2	538.8	539.9	2.9	0.2	-3.7	-2.5	0.2
Steel mill products <sup>3</sup> .....	10-17		197.8	200.8	201.1	3.9	0.1	-0.1	0.5	0.1
Primary nonferrous metals <sup>3</sup> .....	10-22		190.6	192.6	196.0	3.2	1.8	-0.9	0.8	1.8
Nonferrous scrap.....	10-23		370.7	379.8	389.7	9.5	2.6	1.1	2.4	4.8
Nonferrous wire and cable <sup>3</sup> .....	10-26		253.5	252.1	253.5	-0.8	0.6	0.5	0.0	0.6
Fabricated structural metal products.....	10-7		215.0	216.4	216.4	1.3	0.0	0.0	0.0	0.2
General purpose machinery and equipment <sup>3</sup> .....	11-4		221.9	222.9	223.1	2.2	0.1	0.0	0.2	0.1
Construction sand, gravel, and crushed stone.....	13-21		286.4	290.9	290.2	4.5	-0.2	0.6	0.3	-0.3
Stage 1 intermediate demand services.....		04/10	111.2	111.0	111.6	2.4	0.5	-0.6	0.6	0.5
Rail transportation of freight and mail.....	30-11	12/08	120.8	121.5	121.7	2.7	0.2	-0.2	-0.2	1.0
Truck transportation of freight.....	30-12	06/09	114.6	115.9	116.3	2.7	0.3	0.9	0.3	0.7
Courier, messenger, and U.S. postal services.....	30-16	06/09	129.1	129.3	129.3	5.6	0.0	0.2	0.2	0.6
Book, periodical, and newspaper publishing sales and subscriptions <sup>3</sup> .....	33-1	06/09	110.1	110.8	111.1	1.7	0.3	0.0	0.4	0.3
Advertising space sales in periodicals, newspapers, directories, and mailing lists.....	36-1	06/09	105.4	105.1	106.2	2.6	1.0	0.2	0.3	1.1
Business wired telecommunication services <sup>3</sup> .....	37-12	06/09	95.7	95.5	95.5	-0.2	0.0	0.1	0.0	0.0
Wireless telecommunication services.....	37-2	06/09	88.1	87.7	86.5	-2.9	-1.4	-1.6	0.2	-1.2
Data processing and related services <sup>3</sup> .....	38-1	06/09	101.1	100.9	100.7	0.5	-0.2	0.0	0.0	-0.2
Securities brokerage, dealing, investment advice, and related services <sup>3</sup> .....	40-11	06/09	103.8	101.6	101.9	-3.1	0.3	-2.8	1.6	0.3
Portfolio management <sup>3</sup> .....	40-2	12/08	172.3	172.8	176.2	15.8	2.0	-1.3	0.7	2.0
Investment banking <sup>3</sup> .....	40-3	12/08	138.1	139.3	139.2	8.0	-0.1	1.0	1.8	-0.1
Insurance.....	41-11	06/09	110.7	110.8	111.1	1.2	0.3	0.2	0.2	0.3
Architectural and engineering services.....	45-3	06/09	105.0	105.0	105.2	1.0	0.2	-0.2	0.1	0.0
Janitorial services <sup>3</sup> .....	49-1	03/09	105.4	105.7	105.8	1.1	0.1	0.0	0.0	0.1
Waste collection.....	50-1	12/08	114.0	113.8	114.1	2.3	0.3	-0.2	0.4	0.4
Traveler accommodation services.....	53-11	06/09	107.7	112.0	115.3	4.7	2.9	-0.1	2.9	1.4
Commercial and industrial machinery and equipment repair and maintenance <sup>3</sup> .....	55-1	03/09	114.9	115.3	115.2	3.3	-0.1	0.9	0.1	-0.1
Machinery and equipment parts and supplies wholesaling <sup>3</sup> .....	57-11-02	03/09	106.4	109.3	108.2	1.6	-1.0	1.3	2.4	-1.0
Building materials, paint, and hardware wholesaling <sup>3</sup> .....	57-3	03/09	87.3	89.1	89.5	-0.8	0.4	-1.2	0.9	0.4
Metals, minerals, and ores wholesaling <sup>3</sup> .....	57-4	03/09	139.1	133.3	133.5	-2.3	0.2	-2.3	0.0	0.2
Chemicals and allied products wholesaling.....	57-5	03/09	109.6	112.1	111.1	3.9	-0.9	-1.2	1.5	-0.3
Paper and plastics products wholesaling <sup>3</sup> .....	57-6	03/09	116.1	110.7	112.4	2.5	1.5	-1.9	0.0	1.5
Mining services <sup>3</sup> .....	60-1	06/85	263.0	262.2	261.7	0.8	-0.2	0.9	0.2	-0.2

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

<sup>2</sup> The indexes for March 2014 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

<sup>3</sup> 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 <sup>1</sup>					
		Feb. 2014	Mar. 2014	Apr. 2014	May 2014	June 2014	July 2014
Final demand.....		110.2	110.5	111.0	110.8	111.2	111.3
Final demand goods.....		113.9	114.0	114.6	114.4	115.0	115.0
Final demand foods.....		118.6	120.2	123.0	122.7	122.4	122.9
Final demand energy.....		126.9	126.6	126.3	126.0	128.6	127.8
Final demand goods less foods and energy.....		109.2	109.1	109.4	109.4	109.5	109.7
Final demand services.....		108.1	108.5	108.9	108.7	109.0	109.1
Final demand trade services.....		108.7	109.4	110.3	109.7	109.9	110.1
Final demand transportation and warehousing services.....		115.7	116.2	116.9	117.9	118.3	118.9
Final demand services less trade, transportation, and warehousing.....		106.9	107.2	107.4	107.3	107.6	107.6
<b>Intermediate demand by commodity type</b>							
Processed goods for intermediate demand.....	00/82	202.9	202.8	202.9	202.7	203.5	203.8
Materials and components for manufacturing.....	00/82	188.8	188.4	189.5	188.8	189.1	190.0
Materials and components for construction.....	00/82	225.8	226.4	226.3	226.4	227.0	227.3
Processed fuels and lubricants for intermediate demand.....	00/82	214.8	213.9	210.5	211.1	214.1	213.5
Containers for intermediate demand.....	00/82	218.1	218.2	218.4	218.9	218.9	218.8
Supplies for intermediate demand.....	00/82	193.4	193.9	195.2	195.1	195.2	195.1
Unprocessed goods for intermediate demand.....	00/82	260.4	259.8	261.9	261.9	259.5	252.4
Unprocessed foodstuffs and feedstuffs.....	00/82	201.7	216.3	224.4	219.2	212.6	211.8
Unprocessed nonfood materials except fuel.....	00/82	333.6	322.4	325.9	329.9	333.4	320.0
Unprocessed fuel.....	00/82	218.1	202.9	189.0	193.5	190.9	182.1
Services for intermediate demand.....		108.2	108.6	108.5	108.1	108.7	109.0
Trade services for intermediate demand.....		109.4	109.7	109.6	108.8	110.2	110.3
Transportation and warehousing services for intermediate demand.....		118.3	118.5	118.7	119.2	119.5	120.1
Services less trade, transportation, and warehousing for intermediate demand.....		106.0	106.4	106.3	105.8	106.3	106.6
<b>Intermediate demand by production flow</b>							
Stage 4 intermediate demand.....		110.8	111.1	111.2	110.9	111.4	111.6
Inputs to stage 4 goods producers.....		109.2	109.4	109.7	109.7	109.8	109.7
Inputs to stage 4 services producers.....		111.0	111.6	111.6	111.1	111.6	112.0
Inputs to stage 4 construction producers.....		112.0	111.9	111.8	111.9	112.6	112.6
Stage 3 intermediate demand.....		116.1	117.3	117.6	117.2	117.3	118.0
Inputs to stage 3 goods producers.....		123.3	126.0	127.3	126.1	125.6	126.7
Inputs to stage 3 services producers.....		110.0	110.1	109.8	109.8	110.4	110.7
Inputs to stage 3 construction producers.....		121.1	120.2	120.8	120.1	123.6	122.8
Stage 2 intermediate demand.....		117.2	114.8	114.3	114.7	115.2	113.2
Inputs to stage 2 goods producers.....		122.6	118.9	118.2	119.0	119.5	116.3
Inputs to stage 2 services producers.....		106.6	106.6	106.4	106.2	106.7	106.8
Stage 1 intermediate demand.....		116.9	116.5	116.5	115.8	116.4	117.2
Inputs to stage 1 goods producers.....		122.1	120.1	120.6	119.5	119.6	120.8
Inputs to stage 1 services producers.....		112.3	113.3	113.0	112.6	113.6	114.1
Inputs to stage 1 construction producers.....		114.1	113.9	113.6	113.6	114.5	114.5
<b>Special groupings</b>							
Final demand less foods and energy.....	04/10	107.3	107.5	107.9	107.8	108.0	108.2
Final demand less foods.....	04/10	108.1	108.4	108.7	108.6	109.0	109.0
Final demand less energy.....	04/10	107.7	108.0	108.5	108.4	108.6	108.8
Total finished <sup>2</sup> .....	01/10	108.9	109.2	109.7	109.6	110.0	110.1
Total exports.....	04/10	109.4	109.5	110.1	109.8	109.8	109.4
Total Government purchases.....	04/10	108.8	109.0	109.0	108.9	109.3	109.4
Total private capital investment (goods, services, and construction).....	04/10	106.8	106.7	107.1	107.0	107.0	106.8
Finished goods <sup>2</sup> .....	00/82	199.5	199.8	200.9	200.7	202.2	202.4
Processed materials less foods and feeds.....	00/82	202.9	202.5	202.1	201.9	202.8	203.0
Processed foods and feeds.....	00/82	205.7	208.4	214.4	213.9	213.6	214.4
Processed energy goods.....	00/82	218.7	217.9	214.5	215.2	218.0	217.4
Processed materials less foods and energy.....	00/82	195.2	194.9	195.4	195.0	195.2	195.8
Unprocessed materials less agricultural products.....	00/82	297.7	283.5	279.6	284.0	286.3	274.8
Unprocessed energy materials.....	00/82	268.3	251.0	243.9	250.6	253.6	237.4
Unprocessed nonfood materials less energy.....	00/82	350.1	348.5	354.7	352.3	348.3	348.4
Total goods inputs to stage 4 intermediate demand.....	04/10	110.4	110.6	110.7	110.6	110.9	111.0
Total services inputs to stage 4 intermediate demand.....	04/10	107.2	107.8	107.7	107.3	107.9	108.2
Total goods inputs to stage 3 intermediate demand.....	04/10	115.2	117.1	117.9	117.1	117.1	117.9
Total services inputs to stage 3 intermediate demand.....	04/10	107.2	107.4	107.3	107.2	107.5	107.9
Total goods inputs to stage 2 intermediate demand.....	04/10	118.5	114.4	113.7	114.8	115.1	111.5
Total services inputs to stage 2 intermediate demand.....	04/10	106.7	106.7	106.5	106.1	106.7	106.9
Total goods inputs to stage 1 intermediate demand.....	04/10	108.4	107.3	107.4	106.8	107.2	108.0
Total services inputs to stage 1 intermediate demand.....	04/10	110.3	110.9	110.9	110.2	110.9	111.5

<sup>1</sup> 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 2014 have been recalculated to incorporate late reports and corrections by respondents.

<sup>2</sup> 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 2014 from:	
			Mar. 2014 <sup>1</sup>	June 2014 <sup>1</sup>	July 2014 <sup>1</sup>	July 2013	June 2014
<b>Goods</b>							
All commodities.....			207.0	208.3	208.0	1.8	-0.1
Farm products, processed foods and feeds.....			209.5	213.4	212.9	2.9	-0.2
Farm products.....	01		204.1	205.6	199.4	-0.6	-3.0
Processed foods and feeds.....	02		212.9	217.9	220.1	4.5	1.0
Industrial commodities.....			206.2	207.0	206.7	1.5	-0.1
Textile products and apparel.....	03		145.5	145.4	145.7	1.7	0.2
Hides, skins, leather, and related products.....	04		227.0	231.5	230.8	4.9	-0.3
Fuels and related products and power.....	05		218.9	221.3	218.9	1.7	-1.1
Chemicals and allied products.....	06		280.8	281.1	282.8	1.1	0.6
Rubber and plastic products.....	07		190.4	190.2	189.8	0.3	-0.2
Lumber and wood products.....	08		223.5	224.3	224.7	5.8	0.2
Pulp, paper, and allied products.....	09		250.8	251.3	250.7	0.8	-0.2
Metals and metal products.....	10		214.2	215.2	216.3	2.4	0.5
Machinery and equipment.....	11		136.0	136.2	136.2	0.7	0.0
Furniture and household durables.....	12		162.5	163.0	163.6	1.6	0.4
Nonmetallic mineral products.....	13		222.0	223.5	223.4	2.8	0.0
Transportation equipment.....	14		174.0	173.2	173.3	1.5	0.1
Miscellaneous products.....	15		241.8	244.2	243.4	1.6	-0.3
Industrial commodities less fuels.....			197.3	197.6	198.0	1.4	0.2
<b>Other commodity groupings</b>							
Petroleum products, refined.....	057		294.1	298.4	294.2	-0.1	-1.4
Industrial chemicals.....	061		291.1	288.9	293.2	-2.2	1.5
Rubber and rubber products.....	071		181.8	180.6	180.3	-1.7	-0.2
Lumber.....	081		218.3	216.5	215.6	13.2	-0.4
Iron and steel.....	101		231.3	232.5	232.6	3.2	0.0
Nonferrous metals.....	102		239.1	240.5	244.7	4.1	1.7
General purpose machinery and equipment.....	114		221.9	222.9	223.1	2.2	0.1
Electrical machinery and equipment.....	117		113.7	113.6	113.6	-0.3	0.0
Electronic components and accessories.....	1178		68.6	68.4	68.4	-1.3	0.0
Aircraft and aircraft equipment.....	142		262.0	262.4	262.8	1.9	0.2
<b>Services and construction</b>							
Transportation services.....	30	06/09	122.6	124.0	124.1	3.3	0.1
Services related to transportation activities.....	31	06/09	110.5	110.1	109.9	1.2	-0.2
Warehousing, storage, and related activities.....	32	12/08	97.2	97.4	97.6	0.3	0.2
Publishing sales, excluding software.....	33	06/09	108.9	110.0	109.8	1.2	-0.2
Software publishing.....	34	06/09	91.1	89.8	91.5	0.9	1.9
Network compensation from broadcast and cable television and radio.....	35	06/09	110.1	110.2	110.1	0.0	-0.1
Advertising space and time sales.....	36	06/09	105.3	106.0	105.7	3.4	-0.3
Telecommunication, cable, and internet user services.....	37	06/09	101.5	101.5	101.2	0.0	-0.3
Data processing and related services.....	38	06/09	101.1	100.9	100.7	0.5	-0.2
Credit intermediation services (partial).....	39	06/09	89.4	88.8	87.7	-2.7	-1.2
Investment services.....	40	06/09	126.4	125.1	126.2	4.0	0.9
Insurance and annuities.....	41	06/09	110.3	110.3	110.5	1.6	0.2
Commissions and fees from sales and administration of insurance policies (partial).....	42	06/09	102.2	102.3	102.4	0.9	0.1
Real estate services (partial).....	43	06/09	106.8	107.4	108.2	3.9	0.7
Rental and leasing of goods (partial).....	44	06/09	105.0	99.6	106.1	4.3	6.5
Professional services (partial).....	45	06/09	108.7	109.5	109.3	2.1	-0.2
Employment services.....	46	06/09	105.7	105.8	106.3	1.8	0.5
Travel arrangement services.....	47	06/09	100.9	103.5	103.1	-2.0	-0.4
Selected security services (partial).....	48	03/09	102.7	103.1	103.3	1.6	0.2
Cleaning and building maintenance services (partial).....	49	03/09	105.4	105.7	105.8	1.1	0.1
Waste collection and remediation services (partial).....	50	12/08	114.0	113.8	114.1	2.3	0.3
Health care services.....	51	06/09	111.8	111.9	112.0	1.4	0.1
Education services (partial).....	52	12/08	101.1	103.2	103.1	0.7	-0.1
Accommodation services.....	53	06/09	107.7	112.0	115.3	4.7	2.9
Food and beverages for immediate consumption services (partial).....	54	06/09	110.3	111.1	112.0	3.0	0.8
Repair and maintenance services (partial).....	55	06/09	116.1	116.4	116.4	2.8	0.0
Entertainment services (partial).....	56	06/09	106.5	109.6	108.1	1.0	-1.4
Wholesale trade services.....	57	06/09	108.6	109.2	108.6	1.3	-0.5
Retail trade services.....	58	06/09	111.4	110.7	111.2	0.5	0.5
Metal treatment services.....	59	12/84	178.5	178.9	180.4	2.7	0.8
Mining services.....	60	06/85	263.0	262.2	261.7	0.8	-0.2
Contract work on textile products, apparel, and leather.....	61	06/10	104.0	104.1	105.5	1.2	1.3
Construction (partial).....	80	06/09	106.8	107.2	107.6	3.0	0.4

<sup>1</sup> The indexes for March 2014 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.