

# **NEWS RELEASE**



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## PRODUCER PRICE INDEXES – OCTOBER 2011

The Producer Price Index for finished goods declined 0.3 percent in October, seasonally adjusted, the U.S. Bureau of Labor Statistics reported today. Finished goods prices rose 0.8 percent in September and were unchanged in August. At the earlier stages of processing, the index for intermediate goods moved down 1.1 percent in October and crude goods prices fell 2.5 percent. On an unadjusted basis, the finished goods index increased 5.9 percent for the 12 months ended October 2011, the smallest year-over-year advance since a 5.6-percent rise in March 2011. (See table A.)

Table A. Monthly and 12-month percent changes in selected stage-of-processing price indexes, seasonally adjusted

***************************************		***************************************	and the second				
Month	Total	Foods	Energy	Except foods and energy	Change in finished goods from 12 months ago (unadj.)	Intermediate goods	Crude goods
2010							
Oct	0.6	0.5	3.0	-0.3	4.3	1.0	4.8
Nov	0.5	0.8	1.6	0.0	3.4 <sup>r</sup>	0.9	1.4
Dec	0.9	8.0	2.5	0.2	3.8	1.1	6.9
2011							
Jan	1.0	0.4	2.8	0.5	3.6	1.6	3.5
Feb	1.5	3.5	2.9	0.2	5.4	1.9	3.1
Mar,	0.7	-0.4	2.8	0.3	5.6	1.4	-0.8
Apr	0.8	0.5	2.2	0.3	6.6	1.4	3.9
May	0.1	-1.2	1.1	0.1	7.1	0.6	-4.3
June <sup>1</sup>	-0.3	0.6	-2.3	0.3	6.9	0.0	-0.6
July¹	0.4	0.7	-0.3	0.4	7.2	0.3	-1.1
Aug	0.0	1.1	-1.0	0.1	6.5	-0.5	0.2
Sept	8.0	0.6	2.3	0.2	6.9	0.6	2.8
Oct	-0.3	0.1	-1.4	0.0	5.9	-1,1	-2.5

<sup>1</sup> Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for June 2011 have been revised to reflect the availability of late reports and corrections by respondents.

r Revised

Chart 1. Monthly percent changes in the Producer Price Index for finished goods, seasonally adjusted: October 2010 – October 2011

## Percent change

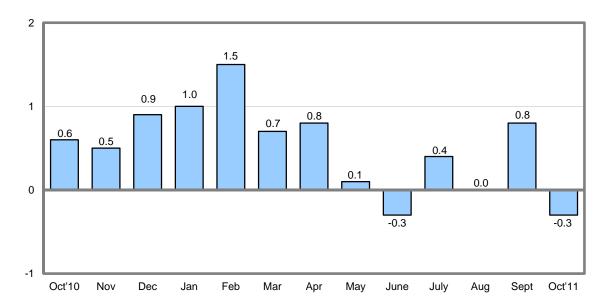
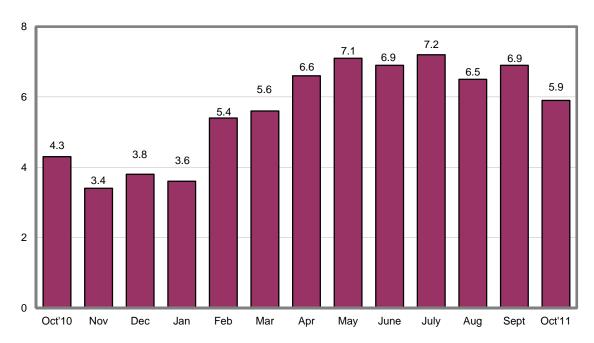


Chart 2. 12-month percent changes in the Producer Price Index for finished goods, not seasonally adjusted: October 2010 – October 2011

#### Percent change



# **Stage-of-Processing Analysis**

#### **Finished goods**

In October, the decrease in finished goods prices was the result of a 1.4-percent drop in the index for finished energy goods. By contrast, prices for finished consumer foods inched up 0.1 percent. The index for finished goods less foods and energy was unchanged.

**Finished energy:** Prices for finished energy goods moved down 1.4 percent in October, the largest decrease since a 2.3-percent drop in June 2011. Nearly two-thirds of the October decline can be attributed to the gasoline index, which fell 2.4 percent. Lower prices for residential natural gas and home heating oil also were factors in the drop in the finished energy goods index. (See table 2.)

**Finished foods:** The index for finished consumer foods advanced 0.1 percent in October, the fifth consecutive monthly increase. Leading the October rise were prices for processed poultry, which moved up 4.8 percent. An increase in the index for eggs for fresh use also contributed to higher prices for finished consumer foods.

**Finished core:** The index for finished goods less foods and energy was unchanged in October following ten straight monthly advances. In October, higher prices for pharmaceutical preparations and civilian aircraft offset lower prices for light motor trucks and passenger cars, which declined 1.6 percent and 0.8 percent, respectively. (On a not seasonally adjusted basis, the index for light motor trucks increased 4.5 percent and prices for passenger cars moved up 3.0 percent.) In accordance with usual practice, most new-model-year passenger cars and light motor trucks were introduced into the PPI in October. (See *Report on Quality Changes for 2012 Model Vehicles*, at www.bls.gov/web/ppi/ppimotveh.htm).

#### **Intermediate goods**

The Producer Price Index for intermediate materials, supplies, and components fell 1.1 percent in October, the largest decline since a 1.5-percent drop in March 2009. Over half of the broad-based October decrease can be traced to prices for intermediate energy goods, which fell 2.6 percent. The indexes for intermediate goods less foods and energy and for intermediate foods and feeds also contributed to the decline in intermediate goods prices, falling 0.6 percent and 1.5 percent, respectively. For the 12 months ending October 2011, the intermediate goods index advanced 8.3 percent, the smallest year-over-year rise since an 8.1-percent increase in February 2011. (See table B.)

**Intermediate energy:** Prices for intermediate energy goods decreased 2.6 percent in October following a 1.7-percent rise in September. Nearly one-fourth of the decline can be attributed to prices for diesel fuel, which fell 5.5 percent. Lower prices for gasoline and jet fuel also were factors in the decrease in the intermediate energy goods index. (See table 2.)

**Intermediate core:** The index for intermediate goods less foods and energy fell 0.6 percent in October, the largest decline since a 0.7-percent drop in February 2009. Sixty percent of the October decrease can be traced to prices for primary basic organic chemicals, which fell 5.8 percent. A decline in the index for plastic resins and materials also contributed to lower intermediate core prices.

**Intermediate foods:** The intermediate foods and feeds index fell 1.5 percent in October, the largest decrease since a 2.1-percent drop in July 2009. In October, a 3.8-percent decline in prices for prepared animal feeds accounted for over two-thirds of the decrease in the intermediate foods index.

Chart 3. Monthly percent changes in the Producer Price Index for intermediate goods, seasonally adjusted: October 2010 – October 2011

#### Percent change

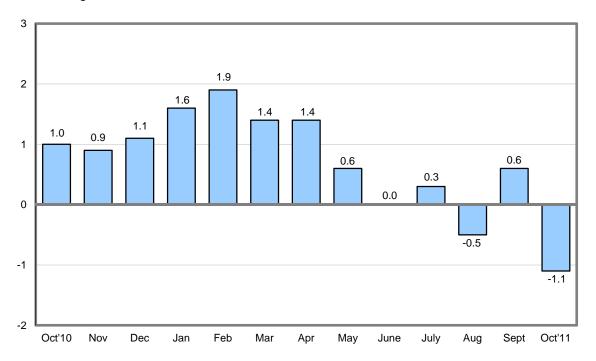
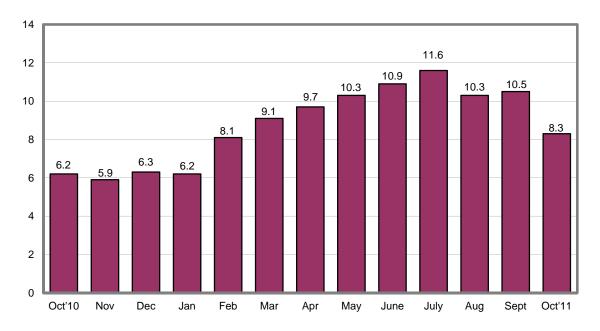


Chart 4. 12-month percent changes in the Producer Price Index for intermediate goods, not seasonally adjusted: October 2010 – October 2011

#### Percent change



#### Crude goods

The Producer Price Index for crude materials for further processing fell 2.5 percent in October. For the 3 months ending in October, prices for crude materials advanced 0.4 percent following a 5.9-percent decrease from April to July. In October, nearly forty percent of the broad-based monthly decline can be traced to a 4.3-percent drop in the index for crude nonfood materials less energy. Lower prices for crude energy materials and for crude foodstuffs and feedstuffs – down 2.2 percent and 1.8 percent, respectively – also contributed to the October decrease in the crude goods index. (See table B.)

**Crude core:** The index for crude nonfood materials less energy declined 4.3 percent in October. From July to October, prices for crude nonfood materials less energy moved down 1.8 percent after increasing 0.3 percent in the preceding 3-month period. In October, over forty-five percent of the monthly decrease is attributable to a 10.0-percent drop in the index for nonferrous metal ores. Falling prices for nonferrous scrap and corn also were significant factors in the October decline in crude core prices. (See table 2.)

**Crude energy:** Prices for crude energy materials fell 2.2 percent in October. From July to October, the crude energy materials index edged down 0.1 percent following an 11.6-percent drop for the 3 months ending in July. In October, over eighty-five percent of the monthly decrease can be traced to the natural gas index, which fell 5.9 percent. Lower prices for crude petroleum also contributed to the decline in the index for crude energy materials.

**Crude foods:** Prices for crude foodstuffs and feedstuffs decreased 1.8 percent in October. For the 3 months ending in October, the index for crude foodstuffs and feedstuffs advanced 1.9 percent after moving down 3.2 percent from April to July. In October, a 9.3-percent drop in corn prices accounted for over eighty percent of the decline in the crude foods index.

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

72	7.	Intern	nediate g	oods	Crude goods			
Month Foods		Energy	Except foods and energy	Change in intermediate goods from 12 months ago (unadj.)	Foods	Energy	Except foods and energy	Change in crude goods from 12 months ago (unadj.)
2010								
Oct	1.8	2.3	0.6	6.2	3.1	7.2	3.5	17.0
Nov	1.8	1.5	0.6	5.9 <sup>r</sup>	0.4	1.7	2.3	13.1
Dec	0.3	2.9	0.6	6.3	0.7	15.4	3.2	16.1
2011								
Jan	0.4	2.8	1.3	6.2	4.7	2.2	4.1	10.9
Feb	2.6	4.2	1.2	8.1	6.8	0.3	2.2	16.5
Mar	2.0	2.9	8.0	9.1	0.0	-1.2	-1.8	16.7
Apr	1.8	1.8	1.2	9.7	3.8	4.5	2.9	23.8
May	-0.5	1.1	0.6	10.3	-4.2	-5.7	-1.4	22.7
June <sup>1</sup>	0.5	-0.3	0.1	10.9	2.0	-4.0	1.3	26.1
July <sup>1</sup>	0.1	0.4	0.3	11.6	-0.8	-2.3	0.4	22.6
Aug	1.7	-2.3	-0.1	10.3	4.7	-5.1	1.6	18.4
Sept	0.9	1.7	0.2	10.5	-0.9	7.7	1.0	20.9
Oct	-1.5	-2.6	-0.6	8.3	-1.8	-2.2	-4.3	12.6

<sup>1</sup> Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for June 2011 have been revised to reflect the availability of late reports and corrections by respondents.

r Revised

Chart 5. Monthly percent changes in the Producer Price Index for crude materials, seasonally adjusted: October 2010 – October 2011

#### Percent change

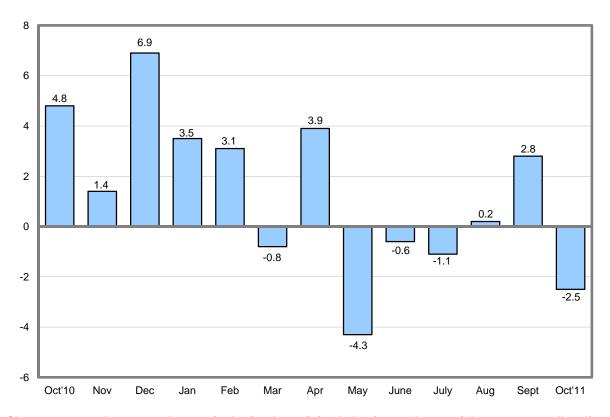
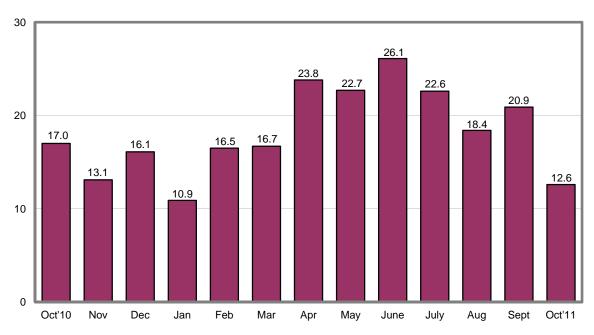


Chart 6. 12-month percent changes in the Producer Price Index for crude materials, not seasonally adjusted: October 2010 – October 2011

## Percent change



# **Services Analysis**

**Trade industries:** The Producer Price Index for the net output of total trade industries moved down 1.0 percent in October, the largest decrease since a 1.4-percent decline in June 2010. (Trade indexes measure changes in margins received by wholesalers and retailers.) Nearly forty percent of the October drop can be attributed to the index for merchant wholesalers of nondurable goods, which fell 2.0 percent. Lower margins received by gasoline stations with convenience stores and family clothing stores also were factors in the decrease in the total trade industries index.

**Transportation and warehousing industries:** The Producer Price Index for the net output of transportation and warehousing industries climbed 0.4 percent in October, the largest increase since a 0.6-percent rise in May 2011. Leading the October advance, the index for the scheduled air transportation industry group moved up 2.2 percent. Higher prices received for long-distance general freight trucking and inland water freight transportation also contributed to the increase in the transportation and warehousing industries index.

**Traditional service industries:** The Producer Price Index for the net output of total traditional service industries edged down 0.1 percent, the first decline since falling 0.4 percent in May 2011. The index for the depository credit intermediation industry group led the October decrease, dropping 1.7 percent. Lower prices for portfolio management services and passenger car rental also were factors in the decline in the total traditional service industries index.

The Producer Price Index for November 2011 is scheduled to be released on Thursday, December 15, 2011 at 8:30 a.m. (EST).

#### PPI Weights to be Updated

The Bureau of Labor Statistics will soon update the value weights used to calculate Producer Price Indexes to more accurately reflect recent production and marketing patterns. The new weights, which will be introduced in February 2012 with the release of January 2012 index data, will be based on shipment values from the year 2007. These value weights come from the Census of Manufactures, the Census of Mining, the Census of Services, and the Census of Agriculture. PPI weights have been based on 2002 census shipment values since January 2007.

All PPIs will be affected by this weight update, including all the industry net output indexes, as well as indexes for traditional commodity groupings. In addition, weights will be updated from the 2002 to the 2007 census for all stage-of-processing indexes, durability of product indexes, and special commodity-grouping indexes. This weight revision will not change any arithmetic reference bases for indexes, the dates when PPIs were set to 100.

The basic structures of the PPI commodity and stage-of-processing classification systems will not change as a result of the weight revision. The PPIs classified according to the North American Industry Classification System (NAICS), however, will be updated in February 2012 with the release of January 2012 index data to reflect 2012 NAICS definitions established by the U.S. Census Bureau. The weight update will also result in significant shifts in the relative importance of various industries and products. These shifts will impact aggregate indexes in a manner commensurate with the relative gains and losses in value weights from 2002 to 2007.

Commodity and stage-of-processing relative importance figures for December 2011 will be available on February 14, 2012, two business days prior to the release of January 2012 PPI data. This information will be available on the PPI website at www.bls.gov/ppi or by calling the Division of Industrial Prices and Price Indexes, Section of Index Analysis and Public Information at (202) 691-7705.

# **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 measure the average change over time in the prices received by domestic producers of goods and services. 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. Sellers' and purchasers' prices can differ due to government subsidies, sales and excise taxes, and distribution costs.

More than 9,000 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 of the U.S. economy. New PPIs are gradually being introduced for the products of industries in the construction, trade, finance, and services sectors of the economy.

More than 100,000 price quotations per month are organized into three sets of PPIs: (1) Stage-of-processing indexes, (2) commodity indexes, and (3) indexes for the net output of industries and their products. The stage-of-processing structure organizes products by class of buyer and degree of fabrication. The commodity structure organizes products by similarity of end use or material composition. The entire output of various industries is sampled to derive price indexes for the net output of industries and their products.

# **Stage-of-Processing Indexes**

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

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

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

#### **Commodity Indexes**

The commodity classification structure of the PPI organizes goods and services by similarity of material composition or end use, disregarding their industry of origin. Table 6 of the *PPI Detailed Report* includes data for commodity indexes, organized in a hierarchal structure, including major commodity groupings (two-digit commodity codes), subgroups (three-digit codes), product classes (four-digit codes), subproduct classes (five- and six-digit codes), item groupings (seven-digit codes) and individual items (eight-, nine-, and ten-digit codes).

## **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 5 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), and more detailed subproducts (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 to 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 classified in the industry for products chiefly made in some other industry. Finally, some industries have miscellaneous receipts indexes to show price changes in other sources of revenue received by establishments within the industry that are not derived from sales of their products—for example, resales of purchased materials, or revenues from parking lots owned by a manufacturing plant.

## **Data Collection**

PPIs are based on selling prices reported by establishments of all sizes selected by probability sampling, with the probability of selection proportionate to size. Individual items and transaction terms from these firms 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. This survey is conducted primarily through the mail.

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

Title	Code	PPI Detailed Report Issue
	SIC	
Wireless telecommunications	4812	July 1999
Telephone communications, except		
radio telephone Television broadcasting	4813 4833	July 1995 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
Boat dealers	5551	January 2002
Recreational vehicle dealers	5561	January 2002
Miscellaneous retail	59	January 2001
Security brokers, dealers, and investment bankers	6211 6282	January 2001 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 6531	January 1996 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
consulting services  Premiums for property and casualty	8712	January 1997
insurance	9331	July 1998

		DDI Dotoilod
Title	Code	PPI Detailed Report Issue
	NAICS	
New Industrial building construction	236211	January 2008
New warehouse building construction	236221	July 2005
New school construction	236222	July 2006
New office construction	236223	January 2007
Concrete contractors, nonresidential building work	23811X	July 2008
building work	23816X	July 2008
building work	23821X	July 2008
nonresidential building work	23822X 423	July 2008 July 2005
Merchant wholesalers, nondurable goods	424 425120	July 2005 July 2005
Furniture and home furnishings stores .	442	January 2004
Electronics and appliance stores	443	January 2004
Building material and garden equipment and supplies dealers	444	January 2004
stores	448	January 2004
music stores	451 452	January 2004 January 2004
Miscellaneous store retailers	453	January 2004
Internet service providers	518111	July 2005
Internet publishing and web search portals	519130 522110	January 2010 January 2005
Savings institutions	522120	January 2005
Direct health and medical insurance carriers	524114	July 2004
leasing	532412 541610	January 2005 January 2007
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 traditional commodity groupings of the PPI, as well as weights for commodity-based aggregate indexes calculated using traditional commodity groupings, such as stage-of-processing indexes, currently reflect 2002 values of shipments as reported in the *Census of Manufactures* and other sources. From January 2002 through December 2006, PPI weights were derived from 1997 shipment values. Industry indexes now are calculated with 2002 weights and net output ratios. This 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 price 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 comprised 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. Stage-of-processing indexes partially correct for this defect, but industry indexes consistently correct for this at all levels of aggregation. Therefore, industry and stage-ofprocessing indexes are more appropriate than broad commodity groupings for economic analysis of general price trends.

#### **Price Index Reference Base**

Effective with publication of January 1988 data, many important PPI series (including stage-of-processing groupings and most commodity groups and individual items) were placed on a new reference base, 1982 = 100. 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.

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* (July 2010). This chapter can be downloaded from the BLS Web site at www.bls.gov/opub/hom/homch14.htm.

# **Calculating Index Changes**

Each PPI measures price changes from a reference period that equals 100.0. An increase of 5.5 percent from the reference period in the Finished 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 finished goods have risen from \$100 in 1982 to \$105.50. Likewise, a current index of 90.0 would indicate that prices received by producers of finished goods are 10 percent lower than they were in 1982.

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* 

Finished Goods Price Index	107.5
Less previous index	104.0
Equals index point change	3.5
Index percent change	
Index point change	3.5
Divided by the previous index	104.0
Equals	0.034
Result multiplied by 100 0.034	x 100
Equals percent change	3.4

### 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 cyclical 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. unadjusted data that are generally cited when escalating longterm contracts such as purchasing agreements or real estate leases. For more information, see Escalation and Producer Price Indexes: A Guide for Contracting Parties, BLS Report 807. September 1991. on the Web www.bls.gov/ppi/ppiescalation.htm.

In 1998, the PPI implemented the X-12-ARIMA Seasonal Adjustment Method; prior to that year, the 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 for the previous 5 years. These 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 stage-ofprocessing 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 adequately; 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 27 were subject to intervention in 2009.

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) and (2) "Summary of Changes to the PPI's Seasonal Adjustment Methodology" in the January 1995 issue of *Producer Price Indexes*.

#### 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 2.1 million instances of PPI series being downloaded from the Internet during the 12 months ended December 31, 2008.

#### Retrieving PPI data from the PPI Web site

PPI data can be obtained from the WWW address (www.bls.gov/ppi). Clicking on the "PPI Databases" link reveals 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 most commonly requested time series, including the All Commodities Index and the stage-of-processing indexes (for example, Finished Goods). 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 system 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 multiplescreen, non-Java-based application. Both methods allow a user to browse the PPI coding structure and select multiple series codes. 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 uses formatted PPI time series identifiers (commodity or industry codes) as input 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. Up to 300 indexes can be extracted at a time.

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 stage-of-processing indexes, series identifiers combine a "wpu" prefix (not seasonally adjusted) or a "wps" prefix (seasonally adjusted) with a commodity code.

Commodity code	Provides data for:
wps141101	Passenger cars, seasonally
	adjusted
wpu141101	Passenger cars, not
	seasonally adjusted
wpusop3000	Finished goods, not
	seasonally adjusted

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

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

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

Industry-product code,	
current NAICS series	Provides data for:
pcu325325	Chemical manufacturing,
	not seasonally adjusted
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
pcu325412325412A	Pharmaceutical
	preparation
	manufacturing,
	pharmaceuticals acting on
	the respiratory system

**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.)

Industry-product code,	
discontinued SIC series	Provides data for:
pdu28#	Chemicals and allied
	products, not seasonally
	adjusted
pdu331_#	Blast furnaces, steel
	works, and rolling and
	finishing mills, not
	seasonally adjusted
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 industry group codes.

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

• Text Files (FTP) and the FTP server 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 and relative importance tables). The FTP sites can be accessed at ftp://ftp.bls.gov or directly from the links on the "PPI Databases" page or the PPI homepage. Data and documentation available for download include the following:

	<u>Directory:</u>
Industry Data	/pub/time.series/pc
Industry Data - Discontinued	
(NAICS basis)	/pub/time.series/nd
(SIC basis)	/pub/time.series/pd
Commodity Data	/pub/time.series/wp
Commodity Data - Discontinued	l
Series	/pub/time.series/wd
Special requests	/pub/special.requests/ppi

The FTP site maintains files to help with searches and downloads. These files are centrally located in the /pub/doc directory. Within this directory, the overview.txt file contains an overview relating to all BLS data available through the FTP site. For current commodity-based PPI data, the program help file is wp.txt; for discontinued commodity series, wd.txt; for current industry-based PPI data based on NAICS, pc.txt; for industry-based SIC time series that have been discontinued, pd.txt; and for industry-based NAICS series that have been discontinued, nd.txt.

Users who prefer downloading PPI datasets as individual ZIP files should go to the directory labeled /pub/time.series/compressed/tape.format/ on the FTP site. This directory includes six PPI-specific ZIP files, one for each of the PPI databases—WP, WD, PC, ND, and PD—and a ZIP file for the annual 5-year revision to historical seasonal PPIs.

#### Other Sources of PPI Data

PPI data can also be accessed via the BLS homepage (www.bls.gov). Clicking on the "Databases & Tools" tab at the top of the homepage calls up a listing all available BLS programs.

# **Additional information**

The PPI homepage (www.bls.gov/ppi) contains additional information regarding PPI data and methodology. The top section of the homepage provides PPI news releases, both current and archived, as well as general PPI information. The "Tables Created by BLS" 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*.

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

Grouping	Relative importance	Unadjusted index			Unadjusted percent change to Oct. 2011 from:		Seasonally adjusted percent change from:		
C.Oup.ng	Dec. 2010 <sup>1</sup>	June 2011 <sup>2</sup>	Sept. 2011 <sup>2</sup>	Oct. 2011 <sup>2</sup>	Oct. 2010	Sept. 2011	July to Aug.	Aug. to Sept.	Sept. to Oct.
Finished goods	100.000	191.4	192.5	191.9	5.9	-0.3	0.0	0.8	-0.3
Finished consumer goods	74.445	204.7	206.1	204.7	7.3	-0.7	0.0	1.0	-0.4
Finished consumer foods	18.642	192.4	196.5	195.8	7.5	-0.4	1.1	0.6	0.1
Crude	1.961	170.8	175.9	174.9	16.7	-0.6	1.4	2.7	0.4
Processed	16.681	194.7	198.6	197.9	6.6	-0.4	1.1	0.4	0.0
Finished consumer goods, excluding foods	55.803	207.8	208.4	206.8	7.3	-0.8	-0.3	1.1	-0.5
Nondurable goods less foods	41.346	235.2	236.0	232.3	9.0	-1.6	-0.5	1.4	-0.6
Durable goods	14.457	146.9	147.1	149.5	2.5	1.6	0.1	0.3	-0.3
Capital equipment	25.555	159.5	159.6	161.2	2.0	1.0	-0.1	0.2	-0.1
Manufacturing industries	5.698	162.5	163.0	163.5	2.3	0.3	0.0	0.2	-0.1
Nonmanufacturing industries	19.857	158.4	158.4	160.3	2.0	1.2	0.0	0.2	-0.1
ntermediate materials, supplies, and components	100.000	203.3	203.5	200.7	8.3	-1.4	-0.5	0.6	-1.1
Materials and components for manufacturing	43.907	192.4	193.4	191.4	9.1	-1.0	-0.3	0.4	-1.0
Materials for food manufacturing	3.425	193.8	198.5	195.6	9.7	-1.5	1.6	0.3	-0.8
Materials for nondurable manufacturing	14.856	256.3	258.2	253.7	16.5	-1.7	-1.2	1.2	-1.8
Materials for durable manufacturing.	9.817	206.8	206.2	203.3	7.7	-1.4	-0.2	-0.6	-1.4
Components for manufacturing	15.808	146.1	146.6	146.8	2.9	0.1	0.0	0.2	0.1
Materials and components for construction	9.392 21.132	213.7 224.2	213.9 221.6	214.2 213.3	4.0	0.1 -3.7	0.1 -1.8	-0.4	0.3 -2.7
Processed fuels and lubricants	5.623	224.2	223.1	213.3	12.9 11.8	-3.7 -5.1	-1.6	1.6 1.2	-2.7
Nonmanufacturing industries	15.509	225.6	221.7	214.4	13.3	-3.1	-2.0	1.7	-2.4
Containers	2.609	206.8	206.5	206.0	1.8	-0.2	-0.3	-0.4	-0.1
Supplies.	22.960	185.2	186.5	185.4	5.1	-0.6	0.4	0.4	-0.4
Manufacturing industries.	2.915	182.4	181.9	182.1	4.9	0.1	-0.4	0.1	0.1
Nonmanufacturing industries	20.045	184.2	185.6	184.4	5.1	-0.6	0.5	0.4	-0.5
Feeds	1.626	211.6	215.0	201.9	17.9	-6.1	2.3	3.5	-4.9
Other supplies	18.418	183.5	184.8	184.6	4.1	-0.1	0.3	0.1	-0.1
Crude materials for further processing	100.000	256.8	253.0	242.5	12.6	-4.2	0.2	2.8	-2.5
Foodstuffs and feedstuffs	37.460	195.3	192.1	186.4	15.9	-3.0	4.7	-0.9	-1.8
Nonfood materials	62.540	291.3	287.2	273.2	10.6	-4.9	-2.7	5.3	-3.0
Nonfood materials except fuel <sup>3</sup>	44.906	347.5	348.1	330.4	13.7	-5.1	-4.2	10.1	-2.5
Manufacturing <sup>3</sup>	43.543	330.0	330.5	313.3	14.1	-5.2	-4.3	10.4	-2.6
Construction	1.364	207.3	207.6	206.7	1.4	-0.4	0.3	0.0	0.1
Crude fuel <sup>4</sup>	17.633	190.8	180.2	172.3	2.6	-4.4	1.0	-6.1	-4.2
Manufacturing industries	0.626	211.6	206.2	200.7	5.9	-2.7	1.9	-3.4	-2.4
Nonmanufacturing industries	17.008	193.9	182.9	174.8	2.5	-4.4	1.0	-6.2	-4.3
Special groupings									
Finished goods, excluding foods	81.358 <sup>5</sup>	190.3	190.7	190.2	5.6	-0.3	-0.2	0.8	-0.4
ntermediate materials less foods and feeds	92.209 <sup>6</sup> 7.791 <sup>6</sup>	204.0	203.8	201.1	8.1	-1.3	-0.6	0.5	-1.1
Intermediate foods and feeds	7.791° 59.509 <sup>8</sup>	194.1 292.6	198.6 288.2	194.1 274.6	10.6 10.0	-2.3 -4.7	1.7 -3.1	0.9 5.0	-1.5 -2.7
Finished energy goods	21.742 <sup>5</sup>	199.5	199.1	192.9	13.5	-3.1	-1.0	2.3	-1.4
Finished goods less energy.	78.258 <sup>5</sup>	180.6	182.1	183.2	3.9	0.6	0.3	0.3	0.0
Finished consumer goods less energy	52.703 <sup>5</sup>	190.6	192.8	193.7	4.8	0.5	0.5	0.4	0.1
Finished goods less foods and energy	59.616 <sup>5</sup>	177.2	177.9	179.6	2.8	1.0	0.1	0.2	0.0
Finished consumer goods less foods and energy	34.061 <sup>5</sup>	189.9	191.1	192.9	3.4	0.9	0.2	0.3	0.1
Consumer nondurable goods less foods and energy	19.603 <sup>5</sup>	228.7	231.0	231.9	4.0	0.4	0.1	0.2	0.3
Intermediate energy goods	22.072 <sup>6</sup>	229.1	226.6	218.5	14.1	-3.6	-2.3	1.7	-2.6
ntermediate materials less energy	77.928 <sup>6</sup>	194.1	195.0	193.6	6.7	-0.7	0.1	0.2	-0.6
Intermediate materials less foods and energy	70.137 <sup>6</sup>	193.9	194.4	193.3	6.3	-0.6	-0.1	0.2	-0.6
Crude energy materials <sup>3</sup>	39.558 <sup>8</sup>	246.9	239.8	228.0	9.7	-4.9	-5.1	7.7	-2.2
Crude materials less energy	60.442 <sup>8</sup>	247.7	245.9	237.0	14.4	-3.6	3.7	-0.3	-2.7
	22.981 <sup>8</sup>	399.6	403.7	384.3	11.7	-4.8	1.6	1.0	-4.3

<sup>1</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>2</sup> The indexes for June 2011 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> Includes crude petroleum.

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

<sup>5</sup> Percent of total finished goods.

<sup>6</sup> Percent of total intermediate materials.

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

<sup>8</sup> Percent of total crude materials.

Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing
[1982=100, unless otherwise indicated]

Grouping	Commodity	Uı	nadjusted ind	dex	change to	ed percent Oct. 2011 om:	Seasonally adjusted percent change from:		
	code	June 2011 <sup>1</sup>	Sept. 2011 <sup>1</sup>	Oct. 2011 <sup>1</sup>	Oct. 2010	Sept. 2011	July to Aug.	Aug. to Sept.	Sept. to Oct.
Finished goods		191.4	192.5	191.9	5.9	-0.3	0.0	0.8	-0.3
Finished consumer goods		204.7	206.1	204.7	7.3	-0.7	0.0	1.0	-0.4
Finished consumer foods		192.4	196.5	195.8	7.5	-0.4	1.1	0.6	0.1
Fresh fruits and melons <sup>2</sup>	01-11	117.8	118.6	115.2	8.2	-2.9	-3.0	3.1	-2.9
	01-13	185.9	184.6	176.9	16.9	-4.2	8.9	10.0	-4.2
Eggs for fresh use (Dec 1991=100)	01-71-07	122.6	132.9	151.1	39.8	13.7	10.9	-14.7	18.0
	02-11	252.2	255.6	258.7	5.7	1.2	-0.1	0.4	1.2
Milled rice <sup>2</sup>	02-13	191.1	211.1	206.9	17.7	-2.0	2.1	6.3	-2.0
Pasta products (June 1985=100) <sup>2</sup>	02-14-02 02-21-01	183.8 173.8	187.0 189.9	199.2 181.8	18.1 13.8	6.5 -4.3	2.0 1.2	-0.1 5.4	6.5 -4.3
Pork	02-21-01	158.7	168.5	166.7	13.6	-4.3 -1.1	5.2	-0.8	-4.3 2.8
Processed young chickens	02-22-03	142.8	143.7	145.9	-3.4	1.5	3.8	0.3	4.8
Processed turkeys	02-22-06	148.1	152.3	154.3	9.7	1.3	1.8	0.4	1.5
	02-23	281.2	289.2	281.2	1.0	-2.8	-1.2	1.0	-2.8
, ,	02-3	200.7	204.8	199.3	8.6	-2.7	1.8	-1.6	-2.7
Processed fruits and vegetables	02-4 02-55	180.9 250.6	187.4 250.8	187.3 253.0	7.0 6.3	-0.1 0.9	2.0 -0.5	0.3 -0.5	-0.2 0.9
and the second s	02-62	186.3	250.8 187.4	189.2	2.9	1.0	-0.5 -0.2	-0.5 0.2	1.0
	02-63-01	232.5	234.3	232.4	17.8	-0.8	-0.9	0.3	-0.8
	02-78	307.4	308.5	297.6	25.1	-3.5	1.1	1.3	-1.1
Frozen specialties <sup>2</sup>	02-85	180.6	181.8	181.4	2.7	-0.2	-0.1	0.2	-0.2
Finished consumer goods excluding foods		207.8	208.4	206.8	7.3	-0.8	-0.3	1.1	-0.5
Alcoholic beverages	02-61	179.7	179.9	183.9	3.1	2.2	0.2	0.1	1.1
Pet food	02-94-02	234.2	235.3	236.1	4.9	0.3	0.3	0.9	0.7
Women's, girls', & infants' apparel (Dec 2003=100) <sup>2</sup>	03-81-06	103.2	102.9	102.9	1.3	0.0	0.5	-0.4	0.0
	03-81-07	106.6	110.0	108.6	7.2	-1.3	1.5	2.7	-1.3
Textile housefurnishings <sup>2</sup>	03-82	140.0	141.0	141.0	6.5	0.0	0.3	-0.8	0.0
Footwear <sup>2</sup>	04-3	166.9	168.7	170.1	4.1	0.8	1.0	-0.3	0.8
Residential electric power (Dec 1990=100)	05-41	161.8	162.6	159.9	3.0	-1.7	-0.1	0.3	1.1
Residential gas (Dec 1990=100)	05-51	201.1	200.4	194.8	-1.4	-2.8	0.8	-0.7	-3.3
Gasoline	05-71	313.3	304.9	289.7	26.2	-5.0	-1.0	4.2	-2.4
Home heating oil and distillates	05-73-02	283.7	285.9	279.1	26.1	-2.4	-1.2	2.3	-6.0
Pharmaceutical preparations (June 2001=100)	06-38	159.3	160.5	161.4	2.7	0.6	0.3	0.1	0.9
Soaps and synthetic detergents <sup>2</sup>	06-71	164.1	169.1	169.9	5.6	0.5	0.4	2.7	0.5
Cleaning and polishing products (June 1983=100) <sup>2</sup>	06-72 06-75	163.7 151.7	165.1 152.0	165.3 152.4	2.2 0.9	0.1 0.3	0.1 0.0	0.5 -0.1	0.1 0.3
' '									
	07-12	154.0	157.1	156.7	11.2	-0.3	1.3	-0.4	-0.3
Sanitary paper products <sup>2</sup>		183.5	186.4	185.7	1.8	-0.4	0.5	0.5	-0.4
Household furniture <sup>2</sup>	1	191.0	192.7	193.8	2.6	0.6	0.5	0.4	0.6
Floor coverings <sup>2</sup>	12-3	174.8	179.5	181.4	6.8	1.1	0.6	1.5	1.1
Household appliances  Home electronic equipment <sup>2</sup>	12-4	111.8 52.0	112.1 52.7	112.6 52.9	1.9 -0.2	0.4 0.4	0.2 1.2	0.3 0.2	0.3 0.4
Household glassware <sup>2</sup>		204.2	204.2	204.2	2.4	0.0	0.0	0.0	0.0
Household flatware <sup>2</sup>	12-64	218.9	183.4	218.8	16.1	19.3	0.0	-16.2	19.3
Lawn and garden equip, ex tractors <sup>2</sup>	12-66	140.6	140.1	141.6	-0.1	1.1	0.1	0.4	1.1
•	14-11-01	129.9	128.3	132.1	1.8	3.0	-0.4	-0.5	-0.8
Travel trailers and campers (June 1984=100) <sup>2</sup>	14-16	171.3	173.2	174.3	3.4	0.6	0.3	0.7	0.6
Toys, games, and children's vehicles <sup>2</sup>	15-11	143.4	143.6	144.9	3.5	0.9	-2.4	0.1	0.9
Sporting and athletic goods <sup>2</sup>	15-12	132.7	133.2	133.2	-0.7	0.0	-0.1	0.0	0.0
Tobacco products <sup>2</sup>	15-2	595.6	613.3	615.3	6.6	0.3	0.0	0.1	0.3
Mobile homes <sup>2</sup>	15-5 15-94-02	235.2	239.4	239.6	3.5	0.1 2.1	0.3 2.1	1.3 2.3	0.1 2.1
371	15-94-02 15-94-04	220.3 160.5	232.3 162.0	237.1 162.9	22.4 2.3	2.1 0.6	0.6	-1.3	2.1 0.6
Capital equipment	L	159.5	159.6	161.2	2.0	1.0	-0.1	0.2	-0.1
, , ,	11-1	209.1	210.4	210.8	2.7	0.2	0.1	0.3	0.2
	11-2 11-37	196.9 179.5	199.8 182.0	199.8 181.3	4.1 3.7	0.0 -0.4	0.3 0.1	0.7 -0.7	0.0 -0.4
	11-37	202.6	203.3	203.6	1.1	0.1	-0.2	0.0	0.1
_	11-39	146.9	147.4	147.9	3.2	0.3	0.2	-0.1	0.3
	11-41	223.3	224.4	225.1	4.4	0.3	0.1	0.1	0.3
Industrial material handling equipment <sup>2</sup>	11-44	187.8	188.5	188.9	2.9	0.2	-0.1	0.0	0.2

Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing — Continued
[1982=100, unless otherwise indicated]

Grouping	Commodity	U	nadjusted in	dex	change to	ed percent Oct. 2011 om:	Seasonally adjusted percent change from:		
	code	June 2011 <sup>1</sup>	Sept. 2011 <sup>1</sup>	Oct. 2011 <sup>1</sup>	Oct. 2010	Sept. 2011	July to Aug.	Aug. to Sept.	Sept. to Oct.
Capital equipment - Continued									
Electronic computers (Dec 2004=100) <sup>2</sup>	11-51	26.6	25.8	25.8	-11.3	0.0	-2.6	-0.8	0.0
Textile machinery <sup>2</sup>		167.2	167.3	167.3	0.8	0.0	0.0	0.1	0.0
Paper industries machinery (June 1982=100) <sup>2</sup>		200.4	200.7	203.5	2.5	1.4	0.0	0.0	1.4
Printing trades machinery <sup>2</sup>		156.3	155.9	156.0	1.3	0.1	-0.1	-0.2	0.1
Transformers and power regulators <sup>2</sup>		231.0 106.0	229.0 106.5	229.7 106.3	2.7 0.7	0.3 -0.2	0.1 0.4	-0.9 -0.1	0.3 -0.2
X-ray and electromedical equipment <sup>2</sup>		88.3	88.5	88.6	-0.7	-0.2 0.1	-0.4	0.0	0.1
Oil field and gas field machinery		205.3	206.9	206.9	2.9	0.0	0.3	0.0	0.0
Mining machinery and equipment		234.7	235.8	237.8	7.5	0.8	1.2	0.4	0.9
Office and store machines and equipment <sup>2</sup>		121.8	122.3	123.4	2.2	0.9	0.3	0.0	0.9
Commercial furniture <sup>2</sup>		201.4	201.8	201.9	2.5	0.0	-1.1	0.6	0.0
Light motor trucks	14-11-05	153.1	151.3	158.1	2.1	4.5	0.1	0.6	-1.6
Heavy motor trucks <sup>2</sup>		199.1	200.3	202.9	2.6	1.3	0.5	0.1	1.3
Truck trailers <sup>2</sup>		191.8	191.4	191.7	5.0	0.2	0.1	0.6	0.2
Civilian aircraft (Dec 1985=100)		243.2	245.5	247.7	3.1	0.9	0.2	0.1	8.0
Ships (Dec 1985=100) <sup>2</sup>		221.0	221.6	221.6	2.4	0.0	0.1	0.0	0.0
Railroad equipment <sup>2</sup>	14-4	186.8	187.4	187.5	1.8	0.1	0.0	0.0	0.1
ntermediate materials, supplies, and components		203.3	203.5	200.7	8.3	-1.4	-0.5	0.6	-1.1
Intermediate foods and feeds		194.1	198.6	194.1	10.6	-2.3	1.7	0.9	-1.5
Flour <sup>2</sup>		224.9	224.7	206.4	6.0	-8.1	-0.3	1.4	-8.1
Refined sugar and byproducts <sup>2</sup>		214.9	204.6	205.3	5.2	0.3	-5.2	0.2	0.3
Confectionery materials <sup>2</sup>		185.2	186.7	187.4	10.5	0.4	0.3	-0.2	0.4
Soft drink beverage bases (Dec 1985=100) <sup>2</sup>		226.5	227.2	226.9	1.7	-0.1	0.2	-0.2	-0.1
Processed eggs <sup>2</sup>		152.3 209.0	166.8 211.8	177.9 201.1	57.6	6.7 -5.1	13.7 2.1	-5.8 3.2	6.7 -3.8
Intermediate materials less foods and feeds		209.0	203.8	201.1	14.5 8.1	-5.1 -1.3	-0.6	0.5	-3.0 -1.1
Synthetic fibers <sup>2</sup>		120.0	120.7			0.7	-0.0		0.7
Processed yarns and threads <sup>2</sup>		163.5	158.6	121.6 155.5	12.0 15.9	-2.0	0.1	1.3 0.1	-2.0
Gray fabrics <sup>2</sup>		149.0	152.3	150.9	16.8	-0.9	-2.7	0.1	-0.9
Finished fabrics <sup>2</sup>		148.9	149.7	150.6	8.6	0.6	3.0	-1.2	0.6
Industrial textile products <sup>2</sup>		154.1	155.1	155.3	3.7	0.1	0.2	0.4	0.1
Leather <sup>2</sup>	04-2	266.9	266.2	264.5	8.0	-0.6	0.1	-0.7	-0.6
Liquefied petroleum gas <sup>2</sup>	05-32	376.9	422.2	413.0	32.2	-2.2	-6.0	5.6	-2.2
Commercial electric power		188.5	189.6	185.4	1.5	-2.2	0.9	-0.3	1.0
Industrial electric power.		205.7	215.2	205.3	5.5	-4.6	0.7	-0.3	-1.7
Commercial natural gas (Dec 1990=100) <sup>2</sup>	05-52	200.4	197.9	194.5	-4.0	-1.7	-0.1	-2.3	-1.7
Industrial natural gas (Dec 1990=100)	05-53	193.9	191.0	186.7	-2.7	-2.3	0.8	-0.6	-1.5
Natural gas to electric utilities (Dec 1990=100)		169.2	161.9	162.7	-2.7	0.5	-2.5	2.7	8.0
Jet fuels		318.5	308.8	296.1	25.9	-4.1	-2.9	-1.4	-4.4
No 2 Diesel fuel		333.7	317.4	310.3	27.3	-2.2	-5.9	7.3	-5.5
Residual fuels <sup>2</sup>	05-74	292.4	257.3	277.5	32.1	7.9	-0.9	-9.9	7.9
Basic inorganic chemicals <sup>2</sup>		304.5	307.7	304.4	19.4	-1.1	3.2	-1.5	-1.1
Basic organic chemicals <sup>2</sup>		349.3	347.4	338.6	24.1	-2.5	-1.2	1.1	-2.5
Prepared paint <sup>2</sup>		248.0	249.6	249.6	4.9	0.0	0.1	0.3	0.0
Paint materials <sup>2</sup>		253.3	271.7	274.7	20.4	1.1	0.7	4.4	1.1
		176.0	175.7	174.7	-0.9	-0.6	-0.2	0.0	-0.6
Fats and oils, inedible <sup>2</sup>		357.7 195.5	360.0 196.4	328.5 202.9	26.9 13.2	-8.8 3.3	-2.9 -0.3	3.2 0.4	-8.8 3.3
Nitrogenates.		349.5	346.1	363.4	37.8	5.0	1.0	-0.3	1.8
Phosphates <sup>2</sup>		284.8	299.2	304.4	31.5	1.7	2.4	2.4	1.7
Other agricultural chemicals <sup>2</sup>		173.9	178.5	178.5	1.6	0.0	0.1	1.7	0.0
Plastic resins and materials <sup>2</sup>		238.4	244.9	235.4	9.5	-3.9	-2.2	3.1	-3.9
Synthetic rubber <sup>2</sup>		283.7	301.4	297.6	34.4	-1.3	3.2	-0.6	-1.3
Plastic construction products <sup>2</sup>		201.9	202.3	202.2	5.6	0.0	0.7	-0.5	0.0
Unsupported plastic film, sheet, & other shapes <sup>2</sup>		213.7	210.0	210.7	4.4	0.3	-1.3	0.4	0.3
Plastic parts and components for manufacturing <sup>2</sup>		139.1	138.4	138.5	2.1	0.1	-0.8	0.2	0.1
Softwood lumber	08-11	158.2	159.0	159.3	5.1	0.2	2.8	-1.2	3.6
Hardwood lumber <sup>2</sup>	08-12	186.4	185.3	183.2	-3.9	-1.1	-0.4	-0.6	-1.1
Millwork		209.4	209.3	209.5	1.1	0.1	0.1	0.0	0.1
	1	1 4070	1007	474 7	0.4	3.0	-0.5	1.0	3.0
Plywood <sup>2</sup>		167.2 161.3	166.7 159.1	171.7 159.1	-0.1 -0.6	0.0	6.2	-1.9 -4.5	2.8

Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing — Continued
[1982=100, unless otherwise indicated]

Grouping	Commodity	Uı	nadjusted in	dex	Unadjuste change to fro	Oct. 2011	Seasonally adjusted percent change from:		
стобриту	code	June 2011 <sup>1</sup>	Sept. 2011 <sup>1</sup>	Oct. 2011 <sup>1</sup>	Oct. 2010	Sept. 2011	July to Aug.	Aug. to Sept.	Sept. to Oct.
ntermediate materials less foods and feeds - Continued									
Woodpulp <sup>2</sup>	09-11	198.7	204.5	194.7	-0.7	-4.8	-0.2	0.2	-4.8
The state of the s	09-13	191.8	192.8	193.6	3.8	0.4	0.3	-0.1	0.4
•	09-14	232.0	231.6	230.1	-1.8	-0.6	-0.6	0.2	-0.6
•	09-15-03	227.5	226.3	226.0	0.6	-0.1	-0.9	-0.6	0.0
911	09-2 09-47	162.0 169.9	164.0 171.1	163.8 171.3	2.2 1.5	-0.1 0.1	-1.6 0.4	0.9 0.4	-0.1 0.1
, ,	10-15	201.8	203.5	204.3	4.9	0.4	0.3	0.4	0.4
, , ,	10-15	219.5	216.9	204.3 217.8	13.6	0.4	-1.0	-0.6	0.4
·	10-22	245.8	241.3	226.4	-0.7	-6.2	-0.5	-2.5	-6.2
Aluminum mill shapes <sup>2</sup>		196.1	189.3	186.2	6.8	-1.6	0.8	-1.8	-1.6
Copper and brass mill shapes <sup>2</sup>		475.2	480.0	440.1	-0.2	-8.3	-3.3	-0.7	-8.3
Titanium mill shapes <sup>2</sup>		199.8	219.3	213.1	7.4	-2.8	0.9	3.9	-2.8
Nonferrous wire and cable <sup>2</sup>	10-26	284.7	281.1	264.9	0.6	-5.8	0.5	-3.5	-5.8
	10-3	152.7	152.8	152.2	1.3	-0.4	0.0	0.0	-0.4
	10-4	199.5	200.6	201.4	3.8	0.4	0.7	-0.1	0.4
Plumbing fixtures and brass fittings		237.7	238.6	238.6	2.8	0.0	0.0	0.1	0.3
3 - 1 - 1	10-6	226.8	229.2	230.5	3.6	0.6	-0.3	0.2	0.6
'	10-7	212.3	213.0	213.7	5.6	0.3	-0.5	0.0	0.4
' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	10-88	217.4	217.3	218.0	5.8	0.3	-1.0	0.7	0.4
·	10-89	159.0	159.3	159.2	2.6	-0.1	0.2	-0.2	-0.1
	11-45	240.4	242.1	243.9	4.3	0.7	-0.2	0.2	0.7
	11-48	167.7	167.9	168.5	2.4	0.4	-0.1	-1.1	0.4
	11-49-02	262.9	267.3	268.6	7.8	0.5	1.0	1.1	0.7
3.	11-49-05	237.3	238.2	238.4	3.7	0.1	0.1	0.2	0.1
ŭ l	11-71	217.8	219.2	219.2	3.3	0.0	0.2	0.5	0.0
, 0	11-73	203.4	203.8	204.4	6.2	0.3	0.2	0.0	0.3
	11-75	211.2	211.2	210.5	2.0	-0.3	0.0	-0.1	-0.3
· '	11-78 11-94	71.5 164.3	70.7 164.4	70.8	-2.5 3.2	0.1 1.0	0.0 0.6	-0.7 0.1	0.1 1.2
Machine shop products <sup>2</sup>		179.8	180.3	166.0 180.3	3.1	0.0	-0.1	0.1	0.0
Flat glass <sup>2</sup>		112.0	114.4	114.2	2.1	-0.2	1.8	0.3	-0.2
	13-22 13-3	188.0	188.4	187.0	-1.7 0.6	-0.7	-2.3	1.3 0.1	-0.7 0.4
		210.8 237.8	210.5 235.9	211.0 240.9	8.7	0.2 2.1	0.1 -1.3	-1.9	2.1
	13-7	204.5	196.5	202.4	-1.0	3.0	-1.7	-1.9	3.0
71 1	13-8	183.7	183.9	183.9	1.3	0.0	0.3	-1.7	0.3
	14-12	123.8			2.0		0.2	0.3	0.0
· '	14-12	203.7	124.6 204.0	124.6 205.2	3.7	0.0 0.6	0.2	0.3	0.0
· · · · · · · · · · · · · · · · · · ·	14-25	171.3	171.4	172.0	3.0	0.4	-0.2	-0.1	0.0
Photographic supplies <sup>2</sup>	15-42	124.4	124.4	125.7	1.2	1.0	0.0	0.1	1.0
· ' ''	15-6	171.8	171.3	171.0	0.7	-0.2	-0.3	0.4	-0.1
de materials for further processing		256.8	253.0	242.5	12.6	-4.2	0.2	2.8	-2.5
rude foodstuffs and feedstuffs		195.3	192.1	186.4	15.9	-3.0	4.7	-0.9	-1.8
Wheat <sup>2</sup>	01-21	235.3	208.5	201.2	9.6	-3.5	-0.9	0.4	-3.5
	01-22-02	301.7	286.7	252.5	24.8	-11.9	9.2	4.5	-9.3
_	01-31	165.2	171.1	173.6	22.1	1.5	3.0	0.1	1.5
Slaughter hogs.		111.9	110.3	117.4	27.5	6.4	11.2	-11.8	14.3
	01-41-02	234.6	197.2	184.4	-12.8	-6.5	10.6	-7.9	-0.5
Slaughter turkeys	01-42	206.2	216.0	225.2	8.1	4.3	-1.5	-1.1	2.0
Fluid milk	01-6	158.5	156.2	148.8	7.4	-4.7	-1.4	-7.4	-7.0
Soybeans <sup>2</sup>	01-83-01-31	233.2	227.9	205.5	6.9	-9.8	-4.6	2.6	-9.8
Cane sugar, raw <sup>2</sup>	02-52-01	191.5	209.7	198.4	5.1	-5.4	6.6	1.9	-5.4
rude nonfood materials		291.3	287.2	273.2	10.6	-4.9	-2.7	5.3	-3.0
Raw cotton <sup>2</sup>	01-51	135.6	158.9	152.4	17.1	-4.1	5.5	13.4	-4.1
Hides and skins <sup>2</sup>	04-1	283.8	280.4	270.5	12.8	-3.5	-1.0	0.5	-3.5
Coal	05-1	207.0	209.2	207.8	9.2	-0.7	2.3	0.6	-0.2
Natural gas <sup>2</sup>	05-31	183.9	168.9	158.9	-0.4	-5.9	0.4	-8.6	-5.9
Crude petroleum	05-61	277.7	275.9	260.7	16.4	-5.5	-11.3	23.0	-0.5
Logs, timber, etc <sup>2</sup>	08-5	224.5	232.3	233.3	9.2	0.4	3.4	0.1	0.4
							i		

Table 2. Producer price indexes and percent changes for selected commodity groupings by stage of processing — Continued
[1982=100, unless otherwise indicated]

Grouping	Commodity	Unadjusted index			change to	ed percent Oct. 2011 om:	Seasonally adjusted percent change from:		
	code	June 2011 <sup>1</sup>	Sept. 2011 <sup>1</sup>	Oct. 2011 <sup>1</sup>	Oct. 2010	Sept. 2011	July to Aug.	Aug. to Sept.	Sept. to Oct.
Crude nonfood materials - Continued									
Iron ore <sup>2</sup>	10-11	158.5	158.5	171.0	12.9	7.9	-0.4	0.0	7.9
Iron and steel scrap <sup>2</sup>	10-12	657.9	658.9	645.9	23.1	-2.0	-0.5	0.8	-2.0
Nonferrous metal ores (Dec 1983=100) <sup>2</sup>	10-21	378.0	399.6	359.8	6.5	-10.0	3.9	0.0	-10.0
Copper base scrap <sup>2</sup>	10-23-01	670.6	648.1	578.3	1.9	-10.8	-6.3	1.8	-10.8
Aluminum base scrap	10-23-02	280.6	260.5	253.5	-1.1	-2.7	3.7	-3.1	-2.8
Construction sand, gravel, and crushed stone	13-21	267.5	267.8	266.5	1.2	-0.5	0.3	0.0	0.1
Industrial sand	13-99-01	247.1	247.4	247.2	3.4	-0.1	0.6	0.7	0.1

<sup>1</sup> The indexes for June 2011 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication. 2 Not seasonally adjusted.

<sup>&</sup>quot;-" Data not available.

Table 3. Producer price indexes for selected commodity groupings [1982=100, unless otherwise indicated]

Grouping All commodition	Commodity code	June 2011	Sept. 2011	Oct. 2011
All commodition			· ·	Oct. 2011
All commodities.	.	203.9	204.0	201.3
Major commodity groups				
Farm products and processed foods and feeds.	.	196.2	198.0	194.2
Farm products.		192.6	190.1	183.6
Processed foods and feeds.		197.8	202.0	199.9
Industrial commodities.		205.0	204.8	202.3
Textile products and apparel.	I I	143.3	143.8	143.4
Hides, skins, leather, and related products.	1	203.0	203.2	200.9
Fuels and related products and power.	1 1	224.0	221.2	213.2
Chemicals and allied products	. 06	279.7	281.8	278.7
Rubber and plastic products	. 07	185.2	186.2	186.3
Lumber and wood products		193.4	194.1	194.5
Pulp, paper, and allied products		246.2	248.0	247.1
Metals and metal products	1 1	228.4	228.2	224.4
Machinery and equipment.		132.9	133.3	133.3
Furniture and household durables.	1 1	156.2	157.4	158.1
Nonmetallic mineral products.	I I	205.7	205.9	206.4
Transportation equipment		165.6 228.0	165.5 230.6	168.2 230.7
•				
Industrial commodities less fuels and related products and power	•	193.9	194.7	194.2
Other commodity groupings				
Fruits and melons, fresh and dry vegetables, and tree nuts		165.8	165.6	160.9
Grains		281.9	266.5	240.6
Slaughter livestock	1 1	156.0	159.6	163.8
Slaughter poultry		225.6	197.7	189.3
Plant and animal fibers	I I	137.1	160.5	154.0
Chicken eggs.		143.4	164.3	186.8
Hay, hayseeds, and oilseeds.  Oilseeds.	1 1	267.0 251.2	269.2 249.0	251.1 226.5
Cereal and bakery products.		237.2	241.5	239.8
Meats, poultry, and fish.		167.6	175.2	172.9
Processed poultry.	1 1	140.1	140.7	143.9
Sugar and confectionery	I I	217.2	216.6	217.4
Beverages and beverage materials	1 1	188.5	189.3	191.6
Packaged beverage materials	. 02-63	222.5	224.6	222.8
Fats and oils.	. 02-7	309.0	316.9	305.9
Apparel	I I	133.9	135.3	134.7
Other leather and related products.	1 1	164.1	166.5	166.2
Gas fuels.	I I	226.4	226.6	217.1
Electric power.	1	192.5	195.1	190.2
Refined petroleum products.	1 1	313.8	305.2	294.5
Drugs and pharmaceuticals.	1 1	393.9 242.7	396.2 247.9	397.2 253.8
Agricultural chemicals and products.  Other chemicals and allied products.	1	183.5	185.5	186.5
Rubber and rubber products.		186.5	192.3	191.7
Rubber, except natural rubber.	. 07-11	282.3	299.8	296.0
Miscellaneous rubber products.	I I	185.9	190.3	190.7
Plastic products.		191.4	190.9	191.2
Lumber.	. 08-1	165.3	165.5	164.9
Pulp, paper, and products, excluding building paper and board	. 09-1	217.6	219.1	217.9
Converted paper and paperboard products	. 09-15	217.6	218.3	217.8
Iron and steel	. 10-1	256.4	255.0	254.8
Nonferrous metals	I I	277.4	276.8	259.9
Nonferrous mill shapes	1 1	229.8	227.7	216.0
Metalworking machinery and equipment.		176.6	177.4	177.8
General purpose machinery and equipment.		207.7	209.2	209.7
Special industry machinery.  Electrical machinery and equipment.		191.6 113.3	192.7 113.3	192.0 113.4
Miscellaneous machinery and equipment.	1 1	174.8	174.8	175.0
Other household durable goods.	1 1	181.5	181.2	182.4
Concrete ingredients.	I I	234.1	234.4	233.1
Motor vehicles and equipment		138.9	138.4	141.3
Toys, sporting goods, small arms, etc.		150.8	151.3	151.6
10ys, sporting yoous, sinali ainis, etc				
Photographic equipment and supplies.	I I	111.0	111.0	111.9

<sup>1</sup> Data for June 2011 have been revised to reflect the availability of late reports and corrections by respondents. All data are subject to revision 4 months after original publication.

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

Industry <sup>1</sup>	Industry	Index		Index	Percent change to Oct. 2011 from:		
	code	base	June 2011 <sup>2</sup>	Sept. 2011 <sup>2</sup>	Oct. 2011 <sup>2</sup>	Oct. 2010	Sept. 201
Total mining, utilities, and manufacturing industries		12/06	121.0	121.2	119.9	6.7	-1.1
Fotal mining industries		12/84	247.2	248.8	239.3	12.8	-3.8
Oil and gas extraction.	1	12/85	281.9	282.3	269.3	15.4	-4.6
Mining (except oil & gas).	1	12/03	227.6	233.2	226.4	7.3	-2.9
Mining support activities	1	06/09	110.7	112.7	113.7	9.1	0.9
Jtilities		12/03	138.8	139.8	133.7	1.4	-4.4
Total manufacturing industries.		12/84	191.1	191.2	190.1	7.2	-0.6
Food mfg	1	12/84	191.8	195.9	193.8	8.8	-1.1
Beverage & tobacco mfg.	1	12/04	126.7	128.5	129.6	3.9	0.9
	1	1					
Textile mills	1	12/84	132.5	132.5	132.3	12.7	-0.2
Textile product mills.	1	12/03	122.6	125.1	125.7	6.8	0.5
Apparel manufacturing	1	12/03	105.9	106.7	106.3	3.0	-0.4
Leather and allied product manufacturing	1	12/84	164.9	165.7	165.8	4.5	0.1
Wood product manufacturing	321	12/03	107.6	107.8	108.2	1.4	0.4
Paper manufacturing	322	12/03	131.7	132.4	132.1	1.7	-0.2
Printing and related support activities	323	12/03	111.7	112.5	112.6	2.2	0.1
Petroleum and coal products manufacturing	324	12/84	396.6	384.9	368.7	24.9	-4.2
Chemical mfg	1	12/84	253.4	256.2	255.9	8.3	-0.1
Plastics and rubber products mfg.	1	12/84	178.4	178.6	178.5	6.8	-0.1
Nonmetallic mineral product mfg.	1	12/84	174.9	175.4	175.7	1.9	0.1
. 9	1	1				7.7	
Primary metal mfg	1	12/84	220.2	218.9	215.0		-1.8
Fabricated metal product mfg	1	12/84	183.5	184.5	184.6	4.4	0.1
Machinery mfg	1	12/03	123.5	124.1	124.3	2.9	0.2
Computer & electronic product mfg	334	12/03	90.2	90.0	90.0	-0.6	0.0
Electrical equipment, appliance & component mfg	335	12/03	136.6	136.4	136.1	2.7	-0.2
Transportation equipment mfg	336	12/03	112.1	111.9	113.8	2.4	1.7
Furniture & related product mfg	337	12/84	180.8	182.0	182.5	2.6	0.3
Miscellaneous mfg	339	12/03	115.8	116.5	116.5	2.4	0.0
otal trade industries		12/06	116.8	118.0	116.8	2.7	-1.0
atal subalasala tuada industrias		10/00	100.0	100.1	101.7	0.0	4.4
otal wholesale trade industries	1	12/06	122.0	123.1	121.7	3.8	-1.1
Merchant wholesalers, durable goods	1	06/04	122.7	122.7	122.3	3.8	-0.3
Merchant wholesalers, nondurable goods	1	06/05	144.2	146.9	143.9	3.3	-2.0
Wholesale trade agents and brokers	425	06/05	124.4	125.8	126.7	11.5	0.7
otal retail trade industries	.	12/06	113.2	114.7	113.5	1.9	-1.0
Motor vehicle and parts dealers	1	12/03	128.9	129.0	127.4	2.2	-1.2
Furniture and home furnishings stores.	1	12/03	124.8	127.9	128.7	6.1	0.6
Electronics and appliance stores.	1	12/03	90.4	88.2	82.6	-19.5	-6.3
• •	1	12/03	121.1		123.9	4.5	2.7
Bldg material and garden equip and supp dealers	1	1		120.6			
Food and beverage stores.	1	12/99	156.4	159.6	158.4	5.2	-0.8
Health and personal care stores	1	12/03	130.9	136.7	134.9	-6.8	-1.3
Gasoline stations	447	06/01	84.5	83.8	75.4	7.9	-10.0
Clothing and clothing accessories stores	448	12/03	118.0	132.7	126.3	4.4	-4.8
Sporting goods hobby, book and music stores	451	12/03	113.3	113.1	112.1	0.1	-0.9
General merchandise stores.	452	12/03	115.0	111.3	114.6	-3.8	3.0
Florists	4531	12/03	101.9	102.6	102.1	-3.5	-0.5
Office supplies, stationery and gift stores	1	12/03	136.4	130.0	135.6	5.9	4.3
Manufactured (mobile) home dealers.	1	12/03	115.4	115.4	116.7	5.4	1.1
Nonstore retailers	1	12/03	142.1	142.2	143.0	8.2	0.6
		12/06					
ransportation and warehousing industries			120.4	119.9	120.4	6.4	0.4
ransportation industries		12/06	118.3	117.7	118.4	6.6	0.6
Air transportation.	481	12/92	219.5	215.3	219.9	9.4	2.1
Rail transportation	482	12/96	173.3	172.3	172.1	9.3	-0.1
Water transportation	483	12/03	136.5	134.1	133.2	2.5	-0.7
Truck transportation	1	12/03	126.9	127.0	127.2	5.9	0.2
Pipeline transportation of crude oil	1	06/86	202.5	209.1	209.1	-4.4	0.0
Refined petroleum product pipeline transport	1	06/86	153.0	161.4	161.4	5.8	0.0
Transportation support activities.	1	12/03	114.2	114.7	114.8	2.4	0.1
elivery and warehouse industries		12/06	126.9	126.4	126.1	5.9	-0.2
U.S. Postal Service.	1	06/89	191.6	191.6	191.6	2.1	0.0
Couriers and messengers.	1	12/03	171.9	170.4	169.8	10.3	-0.4
Warehousing and storage.	1	12/05	103.4	103.7	103.0	0.0	-0.4
otal traditional service industries.		12/06	103.4	103.7	103.0	1.9	-0.7
ofal traditional service industries		12/06	107.6	107.9	107.6		-0.1
	1	1				0.4	-0.2
Publishing industries, except Internet	1911	12/03	111.0	111.4	111.2	0.8	
•	E15	112/02					
Broadcasting, except Internet.  Telecommunications.	1	12/03 12/03	114.8 101.4	108.7 101.8	114.0 102.0	0.3 0.5	4.9 0.2

Table 4. Producer price indexes for the net output of selected industries and industry groups, not seasonally adjusted — Continued

Industry <sup>1</sup>	Industry	Index		Index		Percent chang fro	ge to Oct. 201 om:
	code	base	June 2011 <sup>2</sup>	Sept. 2011 <sup>2</sup>	Oct. 2011 <sup>2</sup>	Oct. 2010	Sept. 201
Internet service providers	5181	06/04	68.3	68.3	68.3	-0.1	0.0
Data processing and related services	5182	12/03	101.9	102.0	102.0	0.3	0.0
Internet publishing and web search portals	519130	12/09	101.3	97.6	97.3	-5.1	-0.3
Selected health care industries		12/06	112.6	113.1	113.3	1.6	0.2
Offices of physicians	6211	12/96	131.5	132.4	132.4	1.4	0.0
Offices of dentists.	1	06/10	101.8	102.8	102.6	2.1	-0.2
Medical and diagnostic laboratories.	6215	12/03	108.6	108.8	108.9	0.3	0.1
Home health care services.	1	12/96	129.5	129.7	130.5	0.5	0.6
Blood and organ banks	621991	06/06	113.1	113.7	114.1	1.2	0.4
Hospitals	622	12/92	176.5	177.0	177.8	1.9	0.5
Nursing care facilities.	1	12/03	128.7	129.2	128.4	1.3	-0.6
Residential mental retardation facilities	1	12/03	135.7	136.7	137.2	2.5	0.4
Other selected traditional service industries		12/06	106.9	107.2	106.9	2.3	-0.3
Depository credit intermediation.	5221	12/03	109.1	109.9	108.0	4.2	-1.7
Security, commodity contracts and like activity	1	12/03	127.7	127.1	125.5	2.4	-1.3
Insurance carriers and related activities	1	12/03	119.9	120.2	120.4	2.8	0.2
Lessors of nonres bldg (exc miniwarehouse).	53112	12/03	109.8	110.0	110.9	1.1	0.8
Lessors of miniwarehouse and self storage units	53113	12/03	112.9	114.2	113.8	2.5	-0.4
Offices of real estate agents and brokers	5312	12/03	97.7	97.7	97.5	-2.5	-0.2
Real estate property managers	1	12/03	106.0	105.4	105.7	-1.3	0.3
Offices of real estate appraisers	531320	12/03	97.6	97.6	97.6	1.7	0.0
Automotive equipment rental and leasing	5321	06/01	132.7	134.4	132.0	-2.1	-1.8
Other heavy machinery rental and leasing	1	12/03	116.2	117.7	118.4	2.6	0.6
Legal services.	5411	12/96	178.0	178.4	178.5	3.0	0.1
Offices of certified public accountants	1	12/03	111.5	111.7	110.9	-2.3	-0.7
Other accounting services.	541219	12/03	104.0	103.3	105.2	-2.1	1.8
Architectural, engineering and related services	1	12/96	145.3	145.9	146.1	1.5	0.1
Management and technical consulting services	1	06/06	109.2	108.8	109.4	0.3	0.6
Advertising agencies.	1	12/03	105.6	105.6	105.9	0.7	0.3
Employment services.	5613	12/96	125.4	124.9	125.3	-0.1	0.3
Travel agencies.	1	12/03	100.5	102.4	101.7	1.2	-0.7
Security guards and patrol services	561612	12/04	108.7	109.2	109.3	1.0	0.1
Janitorial services.	1	12/03	112.0	112.6	112.6	1.5	0.0
Waste collection.	1	12/03	120.4	121.5	121.6	2.1	0.1
Computer training.	1	06/06	112.8	113.0	112.9	0.1	-0.1
Amusement and theme parks	1	06/06	123.0	124.7	124.5	3.9	-0.2
Golf courses and country clubs.	1	12/05	109.7	109.7	108.2	0.9	-1.4
Fitness and recreational sports centers.	1	12/04	101.0	102.2	102.5	2.0	0.3
Accommodation.	1	12/96	141.9	144.9	145.4	2.9	0.3
Commercial machinery repair and maintenance	1	06/06	116.2	114.0	116.4	3.4	2.1

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

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

<sup>2</sup> The indexes for June 2011 have been recalculated to incorporate late reports and corrections by respondents. All indexes are subject to revision 4 months after original publication.

<sup>&</sup>quot;-" Data not available.

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

Crawing	Index <sup>1</sup>									
Grouping	May 2011	June 2011	July 2011	Aug. 2011	Sept. 2011	Oct. 2011				
Finished goods	191.2	190.7	191.4	191.4	192.9	192.3				
Finished consumer goods	204.3	203.4	204.0	204.1	206.1	205.3				
Finished consumer foods	191.4	192.6	193.9	196.0	197.1	197.2				
Crude	170.3	178.7	177.1	179.6	184.4	185.2				
Processed	193.2	193.6	195.2	197.3	198.0	198.0				
Finished consumer goods, excluding foods	207.8	206.1	206.5	205.9	208.1	207.0				
Nondurable goods less foods	234.7	231.8	232.2	231.1	234.3	232.8				
Durable goods	146.8	147.6	148.1	148.3	148.8	148.4				
Capital equipment	159.5	160.1	160.7	160.6	160.9	160.7				
Manufacturing industries	162.3	162.8	163.4	163.4	163.7	163.5				
Nonmanufacturing industries	158.4	159.0	159.5	159.5	159.8	159.6				
Intermediate materials, supplies, and components	202.0	202.0	202.6	201.6	202.8	200.5				
Materials and components for manufacturing	192.5	192.4	193.3	192.7	193.4	191.5				
Materials for food manufacturing	191.5	192.6	194.3	197.4	197.9	196.3				
Materials for nondurable manufacturing	257.6	256.6	258.5	255.5	258.6	254.0				
Materials for durable manufacturing	207.6	206.7	207.8	207.4	206.1	203.3				
Components for manufacturing	145.7	146.1	146.3	146.3	146.6	146.8				
Materials and components for construction	212.6	213.6	214.5	214.8	213.9	214.5				
Processed fuels and lubricants	218.3	217.9	217.8	213.9	217.3	211.4				
Manufacturing industries	209.7	212.0	215.6	212.7	215.3	207.6				
Nonmanufacturing industries	222.5	221.1	219.6	215.3	219.0	213.8				
Containers	206.8	206.9	207.4	206.7	205.9	205.6				
Supplies	184.2	184.8	184.9	185.6	186.3	185.5				
Manufacturing industries	181.1	182.4	182.6	181.9	182.0	182.2				
Nonmanufacturing industries	183.2	183.7	183.8	184.7	185.5	184.5				
Feeds	208.7	209.4	202.7	207.4	214.6	204.0				
Other supplies	182.8	183.3	184.0	184.5	184.7	184.6				
Crude materials for further processing	249.9	248.5	245.7	246.2	253.0	246.7				
Foodstuffs and feedstuffs	185.0	188.7	187.1	195.9	194.1	190.7				
Nonfood materials	287.6	281.4	277.6	270.1	284.5	276.1				
Nonfood materials except fuel <sup>2</sup>	345.4	334.1	327.6	313.9	345.6	337.0				
Manufacturing <sup>2</sup>	327.3	316.2	309.9	296.5	327.4	319.0				
Construction	204.5	206.2	205.8	206.4	206.5	206.8				
Crude fuel <sup>3</sup>	188.7	190.3	190.6	192.6	180.8	173.2				
Manufacturing industries	207.1	208.8	209.3	213.2	206.0	201.1				
Nonmanufacturing industries	191.8	193.4	193.7	195.7	183.5	175.6				
Special groupings										
Finished goods, excluding foods	190.3	189.4	189.9	189.5	191.0	190.3				
Intermediate materials less foods and feeds	202.8	202.9	203.4	202.1	203.2	201.0				
Intermediate foods and feeds	192.1	193.0	193.2	196.4	198.2	195.2				
Crude materials less agricultural products <sup>2</sup>	290.2	283.5	279.5	270.8	284.4	276.7				
Finished energy goods	198.7	194.1	193.6	191.7	196.1	193.4				
Finished goods less energy	180.3	181.0	181.9	182.5	183.1	183.1				
Finished consumer goods less energy	190.2	191.0	192.1	193.0	193.8	193.9				
Finished goods less foods and energy	177.2	177.8	178.6	178.7	179.1	179.1				
Finished consumer goods less foods and energy	189.9	190.4	191.5	191.8	192.3	192.4				
Consumer nondurable goods less foods and energy	228.5	228.7	230.3	230.6	231.1	231.9				
Intermediate energy goods	223.4	222.8	223.6	218.5	222.3	216.5				
Intermediate materials less energy	193.7	193.9	194.4	194.5	194.9	193.7				
Intermediate materials less foods and energy	193.7	193.9	194.4	194.2	194.5	193.4				
Crude energy materials <sup>2</sup>	244.8	235.1	229.6	217.8	234.5	229.4				
Crude materials less energy.	237.3	241.4	240.4	249.2	248.5	241.9				
Crude nonfood materials less energy <sup>3</sup>	389.9	395.1	396.5	402.9	406.9	389.5				

<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 June 2011 have been recalculated to incorporate late reports and corrections by respondents.
2 Includes crude petroleum.
3 Excludes crude petroleum.