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PRODUCER PRICE INDEXES – FEBRUARY 2024

The Producer Price Index for final demand rose 0.6 percent in February, seasonally adjusted, the U.S. Bureau of Labor Statistics reported today. Final demand prices increased 0.3 percent in January and edged down 0.1 percent in December 2023. (See table A.) On an unadjusted basis, the final demand index advanced 1.6 percent for the 12 months ended in February, the largest rise since moving up 1.8 percent for the 12 months ended September 2023.

In February, nearly two-thirds of the rise in final demand prices can be traced to the index for final demand goods, which advanced 1.2 percent. Prices for final demand services moved up 0.3 percent.

The index for final demand less foods, energy, and trade services increased 0.4 percent in February after rising 0.6 percent in January. For the 12 months ended in February, prices for final demand less foods, energy, and trade services moved up 2.8 percent.

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

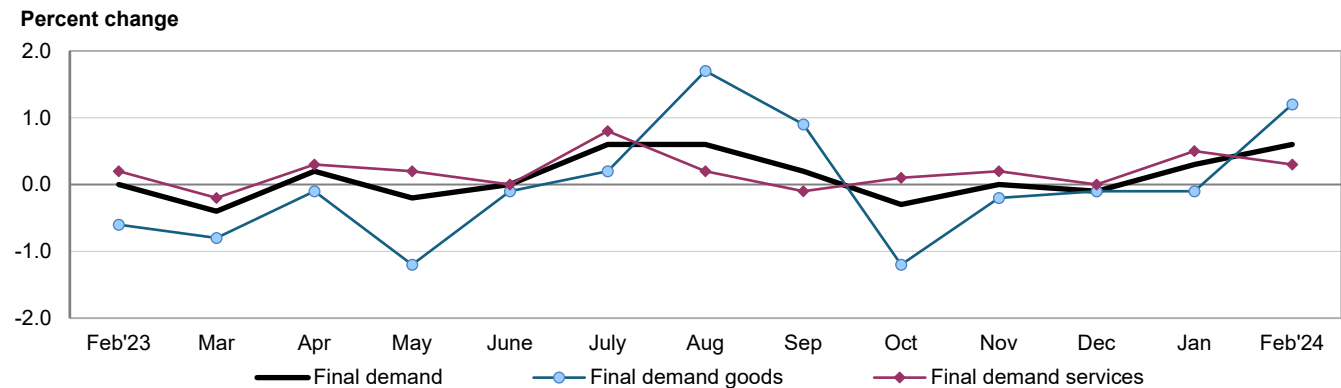
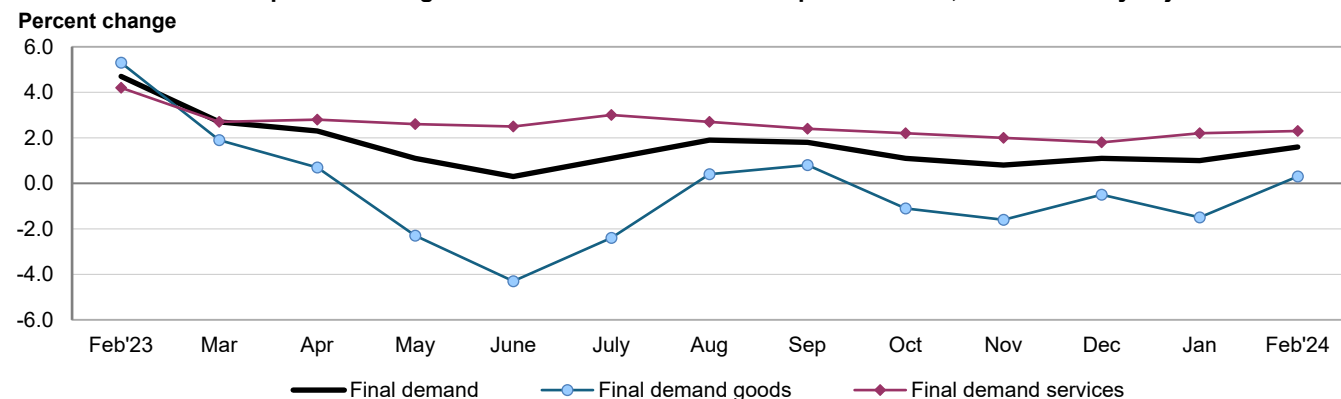


Chart 2. Twelve-month percent changes in selected PPI final demand price indexes, not seasonally adjusted



Final Demand

Final demand goods: Prices for final demand goods advanced 1.2 percent in February, the largest increase since moving up 1.7 percent in August 2023. Nearly 70 percent of the broad-based rise in February can be attributed to the index for final demand energy, which jumped 4.4 percent. Prices for final demand goods less foods and energy and for final demand foods also increased, moving up 0.3 percent and 1.0 percent, respectively.

Product detail: One-third of the February advance in the index for final demand goods can be traced to a 6.8-percent increase in prices for gasoline. The indexes for diesel fuel, chicken eggs, jet fuel, beef and veal, and tobacco products also rose. Conversely, prices for hay, hayseeds, and oilseeds decreased 8.3 percent. The indexes for iron and steel scrap and for asphalt also fell. (See table 2.)

Final demand services: Prices for final demand services moved up 0.3 percent in February after rising 0.5 percent in January. Leading the February increase, the index for final demand services less trade, transportation, and warehousing advanced 0.5 percent. Prices for final demand transportation and warehousing services rose 0.9 percent. In contrast, margins for final demand trade services declined 0.3 percent. (Trade indexes measure changes in margins received by wholesalers and retailers.)

Product detail: A quarter of the February increase in the index for final demand services can be attributed to a 3.8-percent rise in prices for traveler accommodation services. The indexes for outpatient care (partial); airline passenger services; loan services (partial); securities brokerage, dealing, and investment advice; and alcohol retailing also moved up. Conversely, margins for chemicals and allied products wholesaling fell 6.4 percent. The indexes for automobiles and parts retailing and for services related to securities brokerage and dealing (partial) also decreased.

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

Month	Total final demand	Final demand less foods, energy, and trade	Final demand goods				Final demand services				Change in final demand from 12 months ago (unadj.)	Change in final demand less foods, energy, and trade from 12 mo. ago (unadj.)
			Total	Foods	Energy	Less foods and energy	Total	Trade	Transportation and warehousing	Other		
2023												
Feb...	0.0	0.3	-0.6	-2.3	-1.7	0.3	0.2	-0.1	-0.6	0.5	4.7	4.5
Mar...	-0.4	0.1	-0.8	0.3	-4.6	0.2	-0.2	-0.7	-0.7	0.1	2.7	3.7
Apr....	0.2	0.2	-0.1	-0.7	-0.1	0.1	0.3	0.5	-2.2	0.5	2.3	3.4
May. ...	-0.2	0.0	-1.2	-0.8	-5.4	0.1	0.2	0.7	-0.7	0.1	1.1	2.9
June...	0.0	0.2	-0.1	-0.4	0.4	-0.1	0.0	-0.8	-0.3	0.5	0.3	2.9
July...	0.6	0.2	0.2	0.3	0.8	0.0	0.8	1.7	0.2	0.4	1.1	2.9
Aug...	0.6	0.2	1.7	-0.4	8.9	0.1	0.2	-0.1	0.0	0.3	1.9	2.9
Sept...	0.2	0.3	0.9	0.4	3.2	0.3	-0.1	-1.1	0.4	0.3	1.8	2.9
Oct. ¹ ...	-0.3	0.1	-1.2	0.2	-6.4	0.1	0.1	0.0	0.5	0.1	1.1	2.8
Nov. ¹ ..	0.0	0.1	-0.2	0.7	-2.0	0.1	0.2	0.5	-0.2	0.1	0.8	2.5
Dec. ¹ ..	-0.1	0.3	-0.1	0.0	-0.8	0.1	0.0	-1.0	-0.2	0.4	1.1	2.7
2024												
Jan. ¹ ...	0.3	0.6	-0.1	-0.3	-1.1	0.3	0.5	0.1	-0.2	0.8	1.0	2.7
Feb...	0.6	0.4	1.2	1.0	4.4	0.3	0.3	-0.3	0.9	0.5	1.6	2.8

¹ Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for October 2023 through January 2024 have been revised to reflect the availability of late reports and corrections by respondents.

Intermediate Demand by Commodity Type

Within intermediate demand in February, prices for processed goods rose 1.6 percent, the index for unprocessed goods increased 1.2 percent, and prices for services edged up 0.1 percent. (See tables B and C.)

Processed goods for intermediate demand: The index for processed goods for intermediate demand advanced 1.6 percent in February, the largest rise since moving up 2.0 percent in August 2023. Three-fourths of the broad-based increase in February can be traced to prices for processed energy goods, which jumped 6.2 percent. The indexes for processed materials less foods and energy and for processed foods and feeds also rose, 0.5 percent and 0.3 percent, respectively. For the 12 months ended in February, prices for processed goods for intermediate demand declined 1.8 percent.

Product detail: Over 40 percent of the February increase in the index for processed goods for intermediate demand is attributable to a 15.9-percent jump in prices for diesel fuel. The indexes for gasoline, commercial electric power, basic organic chemicals, jet fuel, and natural gas to electric utilities also moved higher. In contrast, prices for prepared animal feeds fell 2.3 percent. The indexes for asphalt and for inedible fats and oils also decreased.

Unprocessed goods for intermediate demand: In February, the index for unprocessed goods for intermediate demand moved up 1.2 percent following a 1.4-percent advance in January. Leading the February increase, prices for unprocessed energy materials rose 3.6 percent. The index for unprocessed foodstuffs and feedstuffs climbed 0.8 percent. Conversely, prices for unprocessed nonfood materials less energy fell 1.9 percent. For the 12 months ended in February, the index for unprocessed goods for intermediate demand dropped 8.3 percent.

Product detail: A major factor in the February increase in prices for unprocessed goods for intermediate demand was a 7.5-percent rise in the index for crude petroleum. Prices for livestock, ungraded chicken eggs, slaughter chickens, raw cotton, and fresh vegetables (except potatoes) also moved higher. In contrast, the index for iron and steel scrap decreased 4.4 percent. Prices for grains and for natural gas also fell.

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.)
2023										
Feb.....	-0.4	-1.9	-1.8	0.2	2.1	-5.2	-1.3	-10.9	-0.6	-10.4
Mar.....	-0.8	-0.2	-3.1	-0.2	-1.0	-4.6	-0.6	-11.1	-0.6	-16.8
Apr.....	-0.7	-1.3	-3.4	0.2	-3.4	0.6	-2.2	3.7	1.0	-20.3
May.....	-1.4	-1.3	-5.9	-0.1	-7.2	-4.9	-4.1	-8.0	-1.7	-28.2
June.....	-0.5	-1.3	-0.6	-0.4	-9.4	-1.2	0.3	-2.8	-1.4	-32.1
July.....	-0.3	1.0	-0.2	-0.5	-7.6	2.5	-0.8	10.1	-2.9	-24.1
Aug.....	2.0	0.6	11.2	-0.2	-4.4	2.1	-0.1	6.0	-0.2	-26.2
Sept.....	0.5	0.7	2.1	0.0	-3.7	2.9	1.2	6.8	-0.4	-21.5
Oct. ¹	-1.0	-0.2	-4.3	-0.1	-4.6	-1.6	-2.1	-2.1	0.0	-14.8
Nov. ¹	-0.7	-0.5	-2.5	-0.2	-4.6	-2.1	-0.4	-5.4	0.7	-14.0
Dec. ¹	-0.4	0.1	-2.8	0.1	-2.8	-4.2	-3.3	-8.0	0.4	-18.8
2024										
Jan. ¹	-0.1	-1.6	-0.9	0.3	-3.7	1.4	-1.5	6.4	-1.8	-13.8
Feb.....	1.6	0.3	6.2	0.5	-1.8	1.2	0.8	3.6	-1.9	-8.3

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Services for intermediate demand: Prices for services for intermediate demand inched up 0.1 percent in February after rising 0.7 percent in January. The February advance was led by a 1.1-percent increase in the index for transportation and warehousing services for intermediate demand. Prices for services less trade, transportation, and warehousing for intermediate demand edged up 0.1 percent. Conversely, margins for trade services for intermediate demand fell 0.5 percent. For the 12 months ended in February, the index for services for intermediate demand rose 3.2 percent.

Product detail: A 7.1-percent increase in the index for arrangement of freight and cargo transportation was a major factor in the February advance in prices for services for intermediate demand. The indexes for loan services (partial); securities brokerage, dealing, and investment advice; courier, messenger, and U.S. postal services; and food and alcohol wholesaling also moved higher. In contrast, margins for chemicals and allied products wholesaling decreased 6.4 percent. Prices for gross rents for retail properties, services related to securities brokerage and dealing (partial), and freight forwarding also declined.

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	
2023					
Feb.....	0.3	-0.7	0.0	0.6	6.2
Mar.....	-0.2	0.9	-0.9	-0.4	4.5
Apr.....	0.6	0.9	-1.0	0.9	4.4
May.....	0.1	-0.3	-0.4	0.4	3.9
June.....	0.0	-0.9	-0.2	0.3	4.4
July.....	0.7	2.1	0.9	0.2	4.7
Aug.....	-0.1	-0.6	-0.7	0.1	4.2
Sept.....	0.3	-0.4	0.8	0.4	4.0
Oct. ¹	0.0	1.5	0.4	-0.5	3.5
Nov. ¹	0.5	1.5	-0.2	0.4	3.2
Dec. ¹	0.4	-0.2	0.8	0.5	3.7
2024					
Jan. ¹	0.7	0.8	0.1	0.8	3.4
Feb.....	0.1	-0.5	1.1	0.1	3.2

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Intermediate Demand by Production Flow

Stage 4 intermediate demand: The index for stage 4 intermediate demand moved up 0.2 percent in February, the fourth consecutive advance. In February, prices for total goods inputs to stage 4 intermediate demand rose 0.6 percent. Conversely, the index for total services inputs fell 0.2 percent. (See table D.) Increasing prices for diesel fuel; securities brokerage, dealing, and investment advice; loan services (partial); gasoline; commercial electric power; and medicinal and botanical chemicals outweighed declines in the indexes for gross rents for retail properties, chemicals and allied products wholesaling, and grains. For the 12 months ended in February, prices for stage 4 intermediate demand advanced 1.8 percent.

Stage 3 intermediate demand: The index for stage 3 intermediate demand rose 1.1 percent in February, the largest increase since a 1.9-percent advance in May 2022. In February, prices for total goods inputs to stage 3 intermediate demand jumped 2.4 percent, and the index for total services inputs inched up 0.1 percent. Higher prices for diesel fuel, livestock, jet fuel, ungraded chicken eggs, arrangement of freight and cargo transportation, and loan services (partial) outweighed declines in the indexes for grains, cable network advertising time sales, and chemicals and allied products wholesaling. For the 12 months ended in February, prices for stage 3 intermediate demand decreased 0.9 percent.

Stage 2 intermediate demand: The index for stage 2 intermediate demand moved up 0.9 percent in February following a 1.0-percent increase in January. In February, prices for total goods inputs to stage 2 intermediate demand jumped 1.1 percent, and the index for total services inputs rose 0.7 percent. Advancing prices for crude petroleum, loan services (partial), arrangement of freight and cargo transportation, basic organic chemicals, broadcast and network television advertising time sales, and liquified petroleum gas outweighed declines in the indexes for natural gas, oilseeds, and chemicals and allied products wholesaling. For the 12 months ended in February, prices for stage 2 intermediate demand fell 0.8 percent.

Stage 1 intermediate demand: The index for stage 1 intermediate demand rose 0.7 percent in February after advancing 0.3 percent in January. In February, prices for total goods inputs to stage 1 intermediate demand jumped 1.4 percent, while the index for total services inputs was unchanged. Increasing prices for diesel fuel; basic organic chemicals; securities brokerage, dealing, and investment advice; traveler accommodation services; natural gas to electric utilities; and gasoline outweighed declines in the indexes for gross rents for retail properties, chemicals and allied products wholesaling, and grains. For the 12 months ended in February, prices for stage 1 intermediate demand moved up 0.3 percent, the first advance since rising 0.7 percent for the 12 months ended March 2023.

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

Month	Stage 4 intermediate demand			Stage 3 intermediate demand			Stage 2 intermediate demand			Stage 1 intermediate demand		
	Total	Goods inputs	Services inputs	Total	Goods inputs	Services inputs	Total	Goods inputs	Services inputs	Total	Goods inputs	Services inputs
2023												
Feb.....	0.0	-0.1	0.2	-0.3	-0.8	0.0	-1.5	-4.7	1.0	-0.3	-0.5	-0.1
Mar.....	-0.2	-0.4	0.0	-0.6	-0.9	-0.3	-2.5	-4.9	-0.6	-0.3	-0.8	0.1
Apr.....	0.2	-0.2	0.6	-0.4	-1.6	0.6	0.9	1.1	0.7	-0.2	-0.9	0.5
May.....	-0.1	-0.5	0.2	-1.2	-2.6	-0.1	-1.4	-4.0	0.5	-0.8	-1.5	-0.2
June.....	0.0	-0.1	0.0	-0.3	-0.4	-0.2	-1.0	-2.0	-0.2	-0.3	-0.6	0.1
July.....	0.4	-0.1	0.8	-0.3	-1.3	0.6	1.9	3.9	0.6	0.1	-0.7	0.9
Aug.....	0.4	0.6	0.3	1.0	3.1	-0.6	0.7	2.2	-0.4	1.3	2.4	0.2
Sept.....	0.3	0.3	0.3	0.5	0.9	0.3	1.2	3.0	-0.1	0.3	0.3	0.2
Oct. ¹	-0.3	-0.5	-0.2	-0.5	-1.7	0.4	-0.3	-1.1	0.4	-0.4	-0.8	-0.1
Nov. ¹	0.2	-0.2	0.5	-0.2	-1.1	0.6	-0.9	-2.4	0.2	-0.1	-0.9	0.6
Dec. ¹	0.2	0.0	0.4	-0.4	-1.6	0.6	-1.2	-3.5	0.4	-0.2	-0.7	0.3
2024												
Jan. ¹	0.5	0.0	1.1	0.3	0.1	0.5	1.0	1.6	0.5	0.3	-0.2	0.8
Feb.....	0.2	0.6	-0.2	1.1	2.4	0.1	0.9	1.1	0.7	0.7	1.4	0.0

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The Producer Price Index for March 2024 is scheduled to be released on Thursday, April 11, 2024, at 8:30 a.m. (ET).

Resampling of Industries – February 2024

Effective with the release of data for February 2024, the Producer Price Index (PPI) includes data for 8 resampled industries classified according to the 2022 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 regular intervals.

For information on index additions, deletions, and recodes effective February 2024, see the current issue of the *PPI Detailed Report* online at www.bls.gov/ppi/detailed-report/ppi-detailed-report-february-2024.pdf, or contact the PPI Section of Index Analysis and Public Information at ppi-info@bls.gov or (202) 691-7705.

NAICS

<i>Code</i>	<i>Industry</i>
312111	Soft drink manufacturing
314910	Textile bag and canvas mills
327992	Ground or treated minerals and earths manufacturing
332119	Other metal stamping, except automotive
333996	Fluid power pump and motor manufacturing
336213	Motor home manufacturing
457210	Fuel dealers
561612	Security guards and patrol services

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 2023, the PPI covered 69 percent of services as measured by 2017 Census revenue, and 17 percent of construction.

More than 64,000 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 2022, final demand goods were about 30.7 percent of overall final demand, final demand services were roughly 66.6 percent, and final demand construction was about 2.7 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 www.bls.gov/ppi/fd-id/ppi-intermediate-demand-by-production-flow-industry-stage-assignments.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 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 online via the BLS Internet Data Collection Facility (IDCF). Data provided by survey respondents are supplemented with data from other sources for some areas.

Price data are provided by survey respondents on a voluntary and confidential basis; only sworn BLS employees are allowed access to individual company price reports. BLS publishes price indexes, not actual prices. All PPIs are subject to monthly revisions up to 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. Information on these resampling efforts are noted in the *PPI News Release* and *PPI Detailed Report* in the months they occur.

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 at their date of introduction and the *PPI Detailed Report* issue that announces their introduction

Title	Code	<i>PPI Detailed Report</i> Issue
	SIC	
Wireless telecommunications	4812	July 1999
Telephone communications, except radio telephone	4813	July 1995
Television broadcasting	4833	July 2002
Grocery stores	5411	July 2000
Meat and fish (seafood) markets	5421	July 2000
Fruit and vegetable markets	5431	July 2000
Candy, nut, and confectionery stores ...	5441	July 2000

Title	Code	PPI Detailed Report Issue
SIC		
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	January 2001
Investment advice	6282	January 2003
Life insurance carriers	6311	January 1999
Property and casualty insurance	6331	July 1998
Insurance agencies and brokerages ...	6412	January 2003
Operators and lessors of nonresidential buildings	6512	January 1996
Real estate agents and managers	6531	January 1996
Prepackaged software	7372	January 1998
Data processing services	7374	January 2002
Home health care services	8082	January 1997
Legal services	8111	January 1997
Engineering design, analysis, and consulting services	8711	January 1997
Architectural design, analysis, and consulting services	8712	January 1997
Premiums for property and casualty insurance	9331	July 1998
NAICS		
New Industrial building construction	236211	January 2008
New warehouse building construction ..	236221	July 2005
New school construction	236222	July 2006
New office construction	236223	January 2007
New health care building construction..	236224	January 2013
Concrete contractors, nonresidential building work	23811X	July 2008
Roofing contractors, nonresidential building work	23816X	July 2008
Electrical contractors, nonresidential building work	23821X	July 2008
Plumbing / HVAC contractors, nonresidential building work	23822X	July 2008
Merchant wholesalers, durable goods..	423	July 2005
Merchant wholesalers, nondurable goods	424	July 2005
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
Pipeline transportation of natural gas....	486210	June 2022
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

Title	Code	PPI Detailed Report Issue
NAICS		
Construction, mining, and forestry machinery and equipment rental and leasing	532412	January 2005
Management consulting services	541610	January 2007
Security guards and patrol services	561612	July 2005
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 2017 values of shipments as reported in the *Census of Manufactures* and other sources. From January 2018 to December 2022, PPI weights were derived from 2012 shipment values. Industry indexes now are calculated under the 2022 NAICS structure utilizing 2017 value of shipment weights and 2012 net output ratios. The periodic update of the value weights used to calculate the PPI is done to more accurately reflect changes in production and marketing patterns in the economy.

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

Price Index Reference Base

Effective with publication of January 1988 data, many important PPI series (including most commodity groups and individual items) were placed on a new reference base, 1982 = 100. From 1971 through 1987, the standard reference base for most PPI series was 1967 = 100. Except for rounding differences, the shift to the new reference base did not alter any previously published percent changes for affected PPI series. (See “Calculating Index Changes,” below.) The 1982

reference base is not used for commodity indexes with a base later than December 1981 or for industry net output indexes and their products. The FD-ID indexes typically have a reference base of November 2009 = 100.

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

Calculating Index Changes

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

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

Index point change

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

Index percent change

Index point change	3.5
Divided by the previous index	104.0
Equals	0.034
Result multiplied by 100	0.034 x 100
Equals percent change	3.4

Seasonally Adjusted and Unadjusted Data

Because price data are used for different purposes by different groups, BLS publishes seasonally adjusted and unadjusted changes each month. Seasonally adjusted data are preferred for analyzing general price trends in the economy because these data eliminate the effect of changes that normally occur at about the same time, and in about the same magnitude, every year—such as price movements resulting from normal weather patterns, regular production and marketing cycles, model changeovers, seasonal discounts, and holidays. For these reasons, seasonally adjusted data more clearly reveal underlying trends. Unadjusted data are of primary interest to users who need information that can be related to actual dollar values of transactions. Individuals requiring this information include marketing specialists, purchasing agents, budget and cost analysts, contract specialists, and commodity traders. It is the unadjusted data

that are generally cited when escalating long-term contracts such as purchasing agreements or real estate leases. For more information, see *Price Adjustment Guide for Contracting Parties*, on the Web at: www.bls.gov/ppi/publications/price-adjustment-guide-for-contracting-parties.htm.

Seasonal adjustment is accomplished using X-13 ARIMA, a software package published by the U.S. Census Bureau. 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 COVID-19 pandemic. In this case, intervention techniques allowed for better estimates of seasonally adjusted data. On the whole, very few series have required intervention. Out of over 400 seasonally adjusted commodity series, 69 were subject to intervention in 2023.

For more information relating to seasonal adjustment methods, see “PPI and CPI Seasonal Adjustment: an Update” in the July 2010 *Monthly Labor Review*, and “PPI and CPI Seasonal Adjustment During the COVID-19 Pandemic” in the May 2022 *Monthly Labor Review*.

Producer Price Index Data on the Internet

In 1995, the BLS began posting PPI series, news releases, and technical information to the internet. There were more than 13 million instances of PPI data being downloaded from the BLS website during 2022.

Retrieving PPI data from the PPI Web site

PPI data can be obtained online (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 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> /pub/time.series/pc
Industry Data - Discontinued (NAICS basis)	/pub/time.series/nd
(SIC basis)	/pub/time.series/pd
Commodity Data (incl. FD-ID)	/pub/time.series/wp
Commodity Data – Discontinued	/pub/time.series/wd
Special requests	/pub/special.requests/ppi

Additional information

The PPI homepage (www.bls.gov/ppi) contains additional information regarding PPI data and methodology. The “PPI Publications” section of the homepage provides PPI news releases, both current and archived, as well as general PPI information. The “PPI Tables” 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. If you are deaf, hard of hearing, or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted
[February 2024]

Grouping	Commodity code		Relative Importance Dec. 2023 ¹	Unadjusted 12-month percent change ² Feb. 2023 to Feb. 2024 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Final Demand									
Final demand.....	FD	4	100.000	1.6	-0.3	0.0	-0.1	0.3	0.6
Final demand goods.....	FD	41	30.099	0.3	-1.2	-0.2	-0.1	-0.1	1.2
Final demand foods.....	FD	411	5.587	0.3	0.2	0.7	0.0	-0.3	1.0
Finished consumer foods ³	FD	4111	4.272	2.8	0.3	0.8	0.1	0.4	1.7
Finished consumer foods, crude.....	FD	41113	0.351	3.9	-2.8	19.4	-6.3	8.0	10.2
Finished consumer foods, processed.....	FD	41112	3.921	2.7	0.6	-0.7	0.7	-0.3	0.9
Government purchased foods.....	FD	4112	0.405	2.9	1.1	-0.1	0.7	-1.4	1.0
Foods for export.....	FD	4113	0.910	-11.3	-0.6	0.7	-0.6	-2.9	-2.4
Final demand energy.....	FD	412	5.515	-3.8	-6.4	-2.0	-0.8	-1.1	4.4
Finished consumer energy goods ³	FD	4121	4.287	-3.0	-7.2	-1.5	0.6	-1.3	3.6
Government purchased energy.....	FD	4122	0.837	-7.0	-4.6	-3.3	-5.0	-0.9	7.4
Energy for export.....	FD	4123	0.391	-5.5	-1.9	-4.0	-7.5	0.0	6.2
Final demand goods less foods and energy.....	FD	413	18.996	1.6	0.1	0.1	0.1	0.3	0.3
Finished goods less foods and energy ³	FD	4131	10.931	2.3	0.1	0.2	0.0	0.3	0.3
Finished consumer goods less foods and energy.....	FD	41311	5.809	2.0	0.1	0.2	0.1	0.2	0.4
Nondurable consumer goods less foods and energy.....	FD	413111	3.519	2.7	0.2	0.3	0.1	0.1	0.6
Durable consumer goods.....	FD	413112	2.290	0.9	-0.1	0.2	0.0	0.2	0.1
Private capital equipment.....	FD	41312	5.122	2.7	0.1	0.2	0.0	0.6	0.3
Private capital equipment for manufacturing industries.....	FD	413121	1.254	3.7	0.1	0.2	0.2	0.8	0.4
Private capital equipment for nonmanufacturing industries.....	FD	413122	3.868	2.4	0.1	0.2	0.0	0.5	0.2
Government purchased goods, excluding foods and energy.....	FD	4132	1.959	1.6	0.1	0.0	0.0	0.5	0.3
Government purchased goods excluding foods, energy, and capital equipment.....	FD	41321	1.146	-0.2	0.1	-0.1	0.0	0.1	0.4
Government purchased capital equipment.....	FD	41322	0.813	4.2	0.1	0.2	0.1	0.9	0.3
Goods for export, excluding foods and energy.....	FD	4133	6.106	0.3	0.1	0.1	0.1	0.0	0.3
Final demand services.....	FD	42	67.245	2.3	0.1	0.2	0.0	0.5	0.3
Final demand trade services ⁴	FD	423	19.337	-0.5	0.0	0.5	-1.0	0.1	-0.3
Trade of finished goods ³	FD	4231	16.652	-1.1	-0.2	0.2	-0.8	-0.2	-0.2
Trade of personal consumption goods.....	FD	42311	13.614	-0.7	-0.2	-0.4	0.1	-0.5	-0.1
Trade of private capital equipment.....	FD	42312	3.038	-2.7	-0.2	2.8	-4.7	1.1	-0.8
Trade of government purchased goods.....	FD	4232	0.758	3.7	1.3	2.0	-2.8	1.2	0.2
Trade of government purchased goods, excluding capital equipment.....	FD	42321	0.478	6.0	1.3	0.7	-0.5	-0.4	0.7
Trade of government purchased capital equipment.....	FD	42322	0.280	0.0	1.3	4.4	-6.6	4.0	-0.7
Trade of exports.....	FD	4233	1.927	3.2	1.6	2.3	-2.9	2.3	-0.8
Final demand transportation and warehousing services.....	FD	422	4.925	-2.6	0.5	-0.2	-0.2	-0.2	0.9
Transportation of passengers for final demand.....	FD	4221	1.262	0.7	1.2	-0.4	2.3	-0.5	2.4
Transportation of private passengers.....	FD	42211	0.851	0.7	1.2	-0.4	2.3	-0.5	2.4
Transportation of government passengers.....	FD	42212	0.102	0.7	1.2	-0.4	2.3	-0.5	2.4
Transportation of passengers for export.....	FD	42213	0.309	0.7	1.2	-0.4	2.4	-0.5	2.4
Transportation and warehousing of goods for final demand.....	FD	4222	3.663	-3.7	0.2	-0.1	-1.1	0.0	0.3
Transportation and warehousing of finished goods ³	FD	42221	2.370	-4.2	0.2	-0.1	-1.2	-0.1	0.4
Transportation and warehousing of personal consumption goods.....	FD	422211	1.910	-4.0	0.2	-0.1	-1.2	-0.1	0.4
Transportation and warehousing of private capital equipment.....	FD	422212	0.460	-5.0	0.2	-0.1	-1.3	-0.1	0.2
Transportation and warehousing of government purchased goods.....	FD	42222	0.220	-2.9	0.1	-0.1	-0.9	0.0	0.5
Transportation and warehousing of exports.....	FD	42223	1.073	-2.7	0.3	-0.2	-0.8	0.0	0.3
Final demand services less trade, transportation, and warehousing.....	FD	421	42.982	4.2	0.1	0.1	0.4	0.8	0.5
Finished services less trade, transportation, and warehousing ³	FD	4211	37.459	4.2	0.2	0.1	0.4	0.8	0.5
Finished consumer services less trade, transportation, and warehousing.....	FD	42111	32.980	4.3	0.1	0.1	0.4	0.9	0.6
Private capital investment services less trade, transportation, and warehousing.....	FD	42112	4.479	3.0	0.3	0.0	0.6	-0.2	0.0
Government purchased services less trade, transportation, and warehousing.....	FD	4212	2.807	3.8	-0.3	0.2	0.5	0.9	0.2
Gov. purchased services less trade, transportation, and warehousing, excl. capital investment.....	FD	42121	2.644	4.0	-0.4	0.2	0.5	0.9	0.2
Government purchased capital investment services less trade, transportation, and warehousing.....	FD	42122	0.163	1.7	0.5	-0.7	0.7	0.0	0.3
Services for export less trade, transportation, and warehousing.....	FD	4213	2.716	4.7	-0.6	-0.1	1.2	0.9	0.6
Final demand construction.....	FD	43	2.656	-1.1	-0.2	-0.1	0.0	0.2	0.0
Construction for private capital investment.....	FD	431	1.846	-1.2	-0.3	-0.2	0.1	0.2	0.0
Construction for government.....	FD	432	0.810	-0.8	-0.2	-0.1	0.0	0.4	0.0
Special Groupings of Final Demand									
Final demand less exports.....	FD	49101	86.568	1.8	-0.4	0.0	0.0	0.3	0.6
Final demand less government.....	FD	49102	92.102	1.6	-0.3	0.1	0.0	0.3	0.5

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[February 2024]

Grouping	Commodity code		Relative Importance Dec. 2023 ¹	Unadjusted 12-month percent change ² Feb. 2023 to Feb. 2024 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Final demand less foods, food and nonalcoholic beverages for immediate consumption, and energy ⁵	FD	49103	88.469	2.0	0.1	0.1	0.0	0.5	0.3
Final demand less foods and energy ⁵	FD	49104	88.898	2.0	0.1	0.1	0.0	0.5	0.3
Final demand less foods and food and nonalcoholic beverages for immediate consumption ⁵	FD	49105	93.984	1.6	-0.4	0.0	-0.1	0.4	0.6
Final demand less foods ⁵	FD	49106	94.413	1.7	-0.4	0.0	-0.1	0.4	0.5
Final demand less energy.....	FD	49107	94.485	1.9	0.1	0.2	0.0	0.4	0.3
Final demand less trade services.....	FD	49108	80.663	2.1	-0.4	0.0	0.2	0.4	0.8
Final demand less distributive services ⁶	FD	49109	77.000	2.4	-0.4	0.0	0.2	0.4	0.8
Final demand goods less energy.....	FD	49111	24.583	1.3	0.1	0.3	0.1	0.1	0.5
Final demand goods less foods.....	FD	49112	24.511	0.2	-1.6	-0.4	-0.1	-0.1	1.2
Final demand services less trade services.....	FD	49113	47.907	3.5	0.1	0.0	0.4	0.7	0.5
Final demand distributive services ⁶	FD	49114	23.000	-1.0	0.0	0.4	-1.0	0.1	-0.2
Final demand goods plus final demand distributive services ⁶	FD	49115	53.098	-0.3	-0.7	0.1	-0.5	0.0	0.6
Final demand less foods, energy, and trade services ⁵	FD	49116	69.561	2.8	0.1	0.1	0.3	0.6	0.4
Private and government purchased capital equipment.....	FD	49117	5.935	2.9	0.1	0.2	0.0	0.6	0.3
Private and government purchased capital investment services.....	FD	49118	8.420	0.3	0.1	1.2	-1.7	0.4	-0.3
Total private and government purchased capital investment.....	FD	49119	14.355	1.0	0.1	0.6	-0.8	0.5	-0.1
Total finished ³	FD	49201	78.668	1.8	-0.4	0.0	0.1	0.3	0.6
Total finished less foods, food and nonalcoholic beverages for immediate consumption, and energy ^{3, 5}	FD	49202	69.684	2.1	0.1	0.1	0.0	0.4	0.3
Total finished less foods and energy ^{3, 5}	FD	49203	70.109	2.1	0.1	0.1	0.0	0.4	0.3
Total finished less foods and food and nonalcoholic beverages for immediate consumption ^{3, 5}	FD	49204	73.971	1.8	-0.4	0.0	0.1	0.3	0.5
Total finished less foods ^{3, 5}	FD	49205	74.396	1.8	-0.4	0.0	0.1	0.3	0.5
Total finished less energy ³	FD	49206	74.381	2.2	0.1	0.1	0.0	0.4	0.4
Finished goods ³	FD	49207	19.490	1.1	-1.7	-0.1	0.2	0.0	1.4
Finished goods less energy ³	FD	49208	15.203	2.5	0.2	0.4	0.1	0.4	0.7
Finished goods, excluding foods ^{3, 5}	FD	49209	15.218	0.7	-2.2	-0.3	0.2	-0.1	1.3
Finished services ³	FD	49210	57.332	2.2	0.1	0.1	0.0	0.4	0.3
Private capital investment services.....	FD	49211	7.977	0.3	0.1	1.1	-1.6	0.3	-0.3
Finished distributive services ^{3, 6}	FD	49212	19.022	-1.5	-0.2	0.1	-0.8	-0.2	-0.2
Finished services less trade services ³	FD	49213	40.680	3.6	0.2	0.0	0.3	0.7	0.5
Finished services less distributive services ^{3, 6}	FD	49214	38.310	4.1	0.2	0.1	0.4	0.8	0.5
Total private capital investment (goods, services, and construction).....	FD	49215	14.945	0.9	0.1	0.6	-0.8	0.4	-0.1
Finished goods plus finished distributive services ^{3, 6}	FD	49216	38.512	-0.2	-0.9	0.0	-0.3	-0.1	0.6
Total exports.....	FD	49301	13.432	0.3	0.1	0.2	-0.4	0.3	0.2
Goods for export.....	FD	49302	7.407	-1.6	-0.1	-0.1	-0.4	-0.4	0.3
Services for export.....	FD	49303	6.025	2.6	0.4	0.6	-0.4	1.1	0.2
Total government purchases.....	FD	49401	7.898	1.2	-0.5	-0.2	-0.6	0.4	1.0
Government purchased goods.....	FD	49402	3.201	-0.7	-1.1	-0.9	-1.2	-0.1	2.3
Government purchased services.....	FD	49403	3.887	3.3	0.1	0.5	-0.2	0.9	0.3
Total government purchased capital investment (goods, services, construction).....	FD	49404	2.066	1.4	0.2	0.6	-0.8	1.0	0.0
Government purchases, defense.....	FD	49405	2.345	1.6	-0.3	-0.1	-1.3	0.6	1.4
Government purchases, non-defense.....	FD	49406	5.553	1.0	-0.5	-0.2	-0.3	0.3	0.9
Personal consumption.....	FD	49501	63.723	2.1	-0.5	-0.1	0.3	0.3	0.7
Personal consumption goods (finished consumer goods).....	FD	49502	14.368	0.6	-2.3	-0.2	0.2	-0.2	1.8
Personal consumption goods less energy.....	FD	49503	10.081	2.3	0.2	0.5	0.1	0.3	1.0
Personal consumption goods less foods.....	FD	49504	10.096	-0.3	-3.3	-0.5	0.3	-0.5	1.8
Personal consumption nondurable goods less foods.....	FD	49508	7.806	-0.6	-4.1	-0.8	0.4	-0.7	2.3
Personal consumption services.....	FD	49505	49.355	2.5	0.1	-0.1	0.3	0.5	0.4
Personal consumption less trade services.....	FD	49506	50.109	2.8	-0.6	0.0	0.3	0.5	0.9
Personal consumption less distributive services ⁶	FD	49507	48.199	3.1	-0.6	0.0	0.4	0.5	1.0
Personal consumption less foods and energy.....	FD	49510	55.164	2.4	0.1	0.0	0.2	0.4	0.4
Personal consumption less foods, energy, and trade services ⁴	FD	49511	41.550	3.5	0.2	0.1	0.3	0.7	0.6
Personal consumption less foods, energy, and distributive services ⁶	FD	49512	39.640	3.9	0.2	0.1	0.4	0.8	0.6
Personal consumption goods plus personal consumption distributive services ⁶	FD	49509	29.892	-0.3	-1.2	-0.3	0.1	-0.3	0.8
Intermediate Demand by Commodity Type									
Processed goods									
Processed goods for intermediate demand.....	ID6	1	100.000	-1.8	-1.0	-0.7	-0.4	-0.1	1.6
Materials and components for manufacturing.....	ID6	11	43.089	-1.2	-0.1	-0.4	0.2	0.2	0.8
Materials for manufacturing.....	ID6	111	26.451	-2.9	-0.2	-0.7	0.3	0.1	1.2
Materials for food manufacturing.....	ID6	1111	4.344	-1.8	0.5	-0.6	0.6	-1.6	1.7
Materials for nondurable manufacturing.....	ID6	1112	11.712	-6.5	0.6	-0.7	-0.5	-0.8	1.0
Materials for durable manufacturing.....	ID6	1113	10.395	0.8	-1.3	-0.7	1.0	1.9	1.1
Components for manufacturing.....	ID6	112	16.638	1.6	0.1	0.1	0.2	0.4	0.2

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[February 2024]

Grouping	Commodity code		Relative Importance Dec. 2023 ¹	Unadjusted 12-month percent change ² Feb. 2023 to Feb. 2024 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Components for nondurable manufacturing.....	ID6	1121	0.801	-1.5	0.0	0.0	0.3	-0.3	0.1
Components for durable manufacturing.....	ID6	1122	15.837	1.8	0.1	0.1	0.2	0.4	0.2
Materials and components for construction.....	ID6	12	10.771	1.8	0.0	0.2	0.2	0.3	0.3
Materials for construction.....	ID6	121	4.730	2.3	-0.4	0.1	0.1	0.4	0.4
Components for construction.....	ID6	122	6.041	1.4	0.3	0.2	0.3	0.2	0.1
Processed fuels and lubricants for intermediate demand.....	ID6	13	18.764	-5.6	-4.3	-2.5	-2.8	-0.9	6.2
Processed fuels and lubricants to manufacturing industries.....	ID6	131	4.777	-4.2	0.0	-1.8	-2.6	-1.3	3.9
Processed fuels and lubricants to nonmanufacturing industries.....	ID6	132	13.987	-6.0	-5.7	-2.8	-2.9	-0.8	6.9
Containers for intermediate demand.....	ID6	14	3.103	-2.9	-0.2	-0.4	0.0	-0.2	0.1
Supplies for intermediate demand.....	ID6	15	24.273	-1.1	-0.1	-0.1	0.0	-0.1	0.1
Supplies to manufacturing industries.....	ID6	151	3.228	-0.3	0.0	-0.1	0.1	0.5	0.0
Supplies to nonmanufacturing industries.....	ID6	152	21.045	-1.2	-0.1	-0.1	0.0	-0.2	0.1
Supplies to nonmanufacturing industries, feeds.....	ID6	1521	2.214	-12.5	-2.0	0.1	-1.6	-2.5	-3.4
Supplies to nonmanufacturing industries, other than feeds.....	ID6	1522	18.831	0.3	0.1	-0.2	0.1	0.1	0.5
Unprocessed goods									
Unprocessed goods for intermediate demand.....	ID6	2	100.000	-8.3	-1.6	-2.1	-4.2	1.4	1.2
Unprocessed foodstuffs and feedstuffs.....	ID6	21	38.165	-12.5	-2.1	-0.4	-3.3	-1.5	0.8
Unprocessed nonfood materials.....	ID6	22	61.836	-5.6	-1.4	-3.1	-4.7	3.1	1.4
Unprocessed nonfood materials except fuel.....	ID6	221	50.586	-3.4	-1.9	-5.0	-5.4	1.6	3.0
Unprocessed nonfood materials except fuel to manufacturing industries.....	ID6	2211	47.969	-3.9	-2.0	-5.3	-5.7	1.5	3.1
Unprocessed nonfood materials except fuel to nonmanufacturing industries.....	ID6	2212	2.617	-7.6	0.4	0.5	0.5	2.5	1.0
Unprocessed fuel.....	ID6	222	11.250	-14.8	1.6	7.6	-1.5	10.5	-5.3
Unprocessed fuel to manufacturing industries.....	ID6	2221	1.006	-5.4	2.5	3.7	-1.6	2.7	-1.7
Unprocessed fuel to nonmanufacturing industries.....	ID6	2222	10.244	-15.6	1.5	8.0	-1.5	11.3	-5.7
Services									
Services for intermediate demand.....	ID6	3	100.000	3.2	0.0	0.5	0.4	0.7	0.1
Trade services for intermediate demand ⁴	ID6	33	18.328	4.9	1.5	1.5	-0.2	0.8	-0.5
Trade services for manufacturing industries.....	ID6	331	9.049	4.6	1.5	2.2	-0.4	1.9	-1.1
Trade services for nonmanufacturing industries.....	ID6	332	9.279	5.2	1.5	0.9	0.0	-0.2	0.2
Transportation and warehousing services for intermediate demand.....	ID6	32	13.925	0.8	0.4	-0.2	0.8	0.1	1.1
Transportation of passengers for intermediate demand.....	ID6	321	1.033	0.7	1.2	-0.4	2.3	-0.5	2.4
Transportation of passengers for manufacturing industries.....	ID6	3211	0.123	0.7	1.2	-0.4	2.4	-0.5	2.4
Transportation of passengers for nonmanufacturing industries.....	ID6	3212	0.910	0.7	1.2	-0.4	2.3	-0.5	2.4
Transportation and warehousing of goods for intermediate demand.....	ID6	322	12.892	0.8	0.4	-0.2	0.7	0.1	1.0
Transportation and warehousing of goods for manufacturing industries.....	ID6	3221	2.732	-2.4	0.2	0.1	-0.6	0.1	-0.1
Transportation and warehousing of goods for nonmanufacturing industries.....	ID6	3222	10.160	1.7	0.4	-0.2	1.0	0.1	1.3
Services less trade, transportation, and warehousing for intermediate demand.....	ID6	31	67.747	3.3	-0.5	0.4	0.5	0.8	0.1
Services less trade, transportation, and warehousing for manufacturing industries.....	ID6	311	2.130	4.3	0.3	0.1	0.5	1.7	-0.1
Services less trade, transportation, and warehousing for nonmanufacturing industries.....	ID6	312	65.617	3.2	-0.5	0.4	0.5	0.8	0.1
Construction									
Construction for intermediate demand.....	ID6	4	100.000	3.0	0.1	0.0	0.0	0.4	0.3
Special Groupings of Intermediate Demand by Commodity Type									
Processed materials less foods and feeds.....	ID6	9111	91.153	-1.6	-1.0	-0.7	-0.5	0.1	1.7
Processed foods and feeds.....	ID6	9112	8.847	-3.9	-0.2	-0.5	0.1	-1.6	0.3
Processed energy goods.....	ID6	9113	18.764	-5.6	-4.3	-2.5	-2.8	-0.9	6.2
Processed materials less energy.....	ID6	9118	81.236	-0.9	-0.1	-0.2	0.1	0.1	0.5
Processed materials less foods and energy.....	ID6	9115	72.389	-0.5	-0.1	-0.2	0.1	0.3	0.5
Intermediate distributive services ⁷	ID6	9116	31.220	3.1	1.0	0.8	0.1	0.5	0.1
Processed goods plus intermediate distributive services.....	ID6	9117	-	-0.3	-0.4	-0.2	-0.3	0.1	1.1
Unprocessed materials less agricultural products.....	ID6	9211	56.663	-2.4	-1.2	-3.2	-5.1	3.9	2.0
Unprocessed energy materials ⁸	ID6	9212	36.891	-3.5	-2.1	-5.4	-8.0	6.4	3.6
Unprocessed materials less energy.....	ID6	9213	63.109	-11.1	-1.3	0.0	-1.8	-1.6	-0.3
Unprocessed nonfood materials less energy ⁹	ID6	9216	24.944	-8.8	0.0	0.7	0.4	-1.8	-1.9
Intermediate Demand by Production Flow									
Stage 4 Intermediate Demand									
Stage 4 intermediate demand.....	ID5	4	100.000	1.8	-0.3	0.2	0.2	0.5	0.2
Inputs to stage 4 goods producers.....	ID5	41	29.665	0.0	0.1	0.3	-0.1	0.4	-0.1
Goods.....	ID5	411	21.643	-1.5	-0.2	-0.1	-0.1	0.1	0.1

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[February 2024]

Grouping	Commodity code		Relative Importance Dec. 2023 ¹	Unadjusted 12-month percent change ² Feb. 2023 to Feb. 2024 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Foods.....	ID5	4111	2.941	-11.3	-1.4	0.4	-0.2	-1.9	-2.0
Energy.....	ID5	4112	0.170	-16.0	4.2	-6.7	-5.4	-2.0	0.0
Goods excluding foods and energy.....	ID5	4113	18.532	0.3	-0.1	-0.2	0.0	0.4	0.4
Services.....	ID5	412	8.022	4.5	0.8	1.6	-0.2	1.0	-0.7
Trade services.....	ID5	4123	6.017	5.3	1.0	2.1	-0.4	1.2	-1.0
Transportation and warehousing services.....	ID5	4122	4.092	-1.4	0.8	0.2	-0.2	0.3	0.0
Transportation of passengers.....	ID5	41221	0.076	0.7	1.2	-0.4	2.4	-0.5	2.4
Transportation and warehousing of goods.....	ID5	41222	0.416	-1.8	0.7	0.3	-0.6	0.5	-0.5
Services less trade, transportation, and warehousing.....	ID5	4121	1.513	3.5	0.2	0.3	0.3	0.6	0.0
Inputs to stage 4 services producers.....	ID5	42	55.644	2.9	-0.4	0.1	0.4	0.7	0.3
Goods.....	ID5	421	13.716	0.0	-0.4	-0.5	0.0	-0.4	1.5
Foods.....	ID5	4211	2.241	-0.5	0.3	-1.1	0.5	-1.3	0.9
Energy.....	ID5	4212	4.062	-1.0	-1.5	-1.0	-0.1	-1.3	3.7
Goods excluding foods and energy.....	ID5	4213	7.413	0.7	0.0	0.1	0.0	0.3	0.4
Services.....	ID5	422	41.875	3.9	-0.5	0.3	0.5	1.1	-0.1
Trade services.....	ID5	4223	4.149	3.7	1.2	1.1	-0.9	1.1	-0.8
Transportation and warehousing services.....	ID5	4222	3.724	1.9	0.3	-0.2	0.7	0.1	1.8
Transportation of passengers.....	ID5	42221	0.480	0.7	1.2	-0.4	2.4	-0.5	2.4
Transportation and warehousing of goods.....	ID5	42222	3.244	2.1	0.2	-0.2	0.5	0.2	1.7
Services less trade, transportation, and warehousing.....	ID5	4221	34.002	4.1	-0.7	0.2	0.7	1.2	-0.2
Construction.....	ID5	423	0.053	3.0	0.1	0.0	0.0	0.4	0.3
Inputs to stage 4 construction producers.....	ID5	43	14.690	1.6	-0.5	0.1	0.2	0.3	0.5
Goods.....	ID5	431	10.712	1.3	-1.0	-0.2	0.3	0.2	0.7
Energy.....	ID5	4312	0.762	-7.7	-11.1	-3.5	-0.8	-2.3	6.0
Goods excluding foods and energy.....	ID5	4313	9.950	2.2	0.0	0.2	0.3	0.4	0.3
Services.....	ID5	432	3.978	2.2	0.9	0.8	0.0	0.5	-0.1
Trade services.....	ID5	4323	1.728	4.9	1.4	1.8	0.5	1.0	-0.1
Transportation and warehousing services.....	ID5	4322	0.661	-4.6	0.3	0.0	-1.3	0.0	0.1
Transportation of passengers.....	ID5	43221	0.015	0.7	1.2	-0.4	2.4	-0.5	2.4
Transportation and warehousing of goods.....	ID5	43222	0.646	-4.7	0.3	0.0	-1.3	0.0	0.0
Services less trade, transportation, and warehousing.....	ID5	4321	1.589	2.3	0.5	0.1	0.1	0.1	-0.2
Stage 3 Intermediate Demand									
Stage 3 intermediate demand.....	ID5	3	100.000	-0.9	-0.5	-0.2	-0.4	0.3	1.1
Inputs to stage 3 goods producers.....	ID5	31	43.800	-3.5	-0.5	-0.2	-0.6	0.5	0.8
Goods.....	ID5	311	33.969	-4.8	-0.9	-0.7	-0.7	0.2	1.3
Foods.....	ID5	3111	10.337	-11.1	-2.2	-1.6	-2.8	-1.3	2.4
Energy.....	ID5	3112	1.164	-10.7	1.1	-3.3	-3.4	0.2	-1.3
Goods excluding foods and energy.....	ID5	3113	22.468	-1.3	-0.4	-0.2	0.4	0.8	0.9
Services.....	ID5	312	9.831	1.2	1.1	1.6	-0.2	1.6	-0.9
Trade services.....	ID5	3123	5.506	3.1	1.7	2.9	0.0	2.8	-1.6
Transportation and warehousing services.....	ID5	3122	2.865	-3.2	0.3	0.0	-0.7	0.0	0.2
Transportation of passengers.....	ID5	31221	0.149	0.7	1.2	-0.4	2.4	-0.5	2.4
Transportation and warehousing of goods.....	ID5	31222	2.716	-3.4	0.2	0.0	-0.8	0.1	0.1
Services less trade, transportation, and warehousing.....	ID5	3121	1.460	3.3	0.5	0.0	0.2	0.4	-0.2
Inputs to stage 3 services producers.....	ID5	32	55.023	1.1	-0.6	-0.2	-0.2	0.2	1.4
Goods.....	ID5	321	9.949	-5.3	-4.2	-2.5	-4.4	-0.3	6.3
Foods.....	ID5	3211	0.088	-5.5	0.0	0.6	-0.7	-0.7	-0.9
Energy.....	ID5	3212	5.884	-8.3	-6.6	-4.0	-7.2	-0.8	10.4
Goods excluding foods and energy.....	ID5	3213	3.977	-0.2	0.0	0.0	0.0	0.3	0.3
Services.....	ID5	322	44.469	2.7	0.3	0.4	0.8	0.3	0.3
Trade services.....	ID5	3223	2.814	5.7	1.3	0.4	0.4	-1.4	1.4
Transportation and warehousing services.....	ID5	3222	10.389	3.0	0.6	-0.4	1.6	0.1	1.5
Transportation of passengers.....	ID5	32221	0.021	0.0	0.1	0.1	0.2	-0.1	0.2
Transportation and warehousing of goods.....	ID5	32222	10.368	3.0	0.6	-0.4	1.6	0.1	1.5
Services less trade, transportation, and warehousing.....	ID5	3221	31.266	2.4	0.1	0.6	0.5	0.5	-0.1
Construction.....	ID5	323	0.605	3.0	0.1	0.0	0.0	0.4	0.3
Inputs to stage 3 construction producers.....	ID5	33	1.176	2.7	-0.1	0.5	0.1	0.0	0.1
Goods.....	ID5	331	0.568	-0.1	-0.8	0.0	0.2	0.3	0.4
Goods excluding foods and energy.....	ID5	3313	0.568	-0.1	-0.8	0.0	0.2	0.3	0.4
Services.....	ID5	332	0.608	5.6	0.6	0.9	0.0	-0.3	-0.3
Trade services.....	ID5	3323	0.561	5.9	0.6	1.0	0.0	-0.3	-0.3
Transportation and warehousing services.....	ID5	3322	0.016	1.4	0.5	0.6	0.6	0.5	-0.7
Transportation and warehousing of goods.....	ID5	33222	0.016	1.4	0.5	0.6	0.6	0.5	-0.7
Services less trade, transportation, and warehousing.....	ID5	3321	0.031	2.3	0.4	-0.3	0.4	0.8	-0.3
Stage 2 Intermediate Demand									

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[February 2024]

Grouping	Commodity code		Relative Importance Dec. 2023 ¹	Unadjusted 12-month percent change ² Feb. 2023 to Feb. 2024 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Stage 2 intermediate demand.....	ID5	2	100.000	-0.8	-0.3	-0.9	-1.2	1.0	0.9
Inputs to stage 2 goods producers.....	ID5	21	50.555	-3.4	-0.7	-1.7	-2.9	1.6	0.8
Goods.....	ID5	211	35.815	-5.8	-1.2	-2.7	-3.9	1.9	1.2
Foods.....	ID5	2111	4.080	-17.7	-1.2	0.6	-2.2	-4.7	-5.7
Energy.....	ID5	2112	15.983	-3.9	-2.5	-5.4	-7.6	6.3	3.7
Goods excluding foods and energy.....	ID5	2113	15.752	-4.5	0.2	-0.3	-0.3	-0.9	0.3
Services.....	ID5	212	14.451	3.2	0.7	0.7	-0.1	0.8	0.0
Trade services.....	ID5	2123	5.731	5.4	1.3	1.6	-0.9	1.2	-0.1
Transportation and warehousing services.....	ID5	2122	4.784	1.1	0.3	0.2	0.6	0.4	-0.2
Transportation of passengers.....	ID5	21221	0.180	0.7	1.2	-0.4	2.3	-0.5	2.3
Transportation and warehousing of goods.....	ID5	21222	4.604	1.1	0.3	0.3	0.5	0.5	-0.3
Services less trade, transportation, and warehousing.....	ID5	2121	3.936	2.7	0.3	0.0	0.3	0.7	0.5
Construction.....	ID5	213	0.289	3.0	0.1	0.0	0.0	0.4	0.3
Inputs to stage 2 services producers.....	ID5	22	49.447	2.0	0.3	0.0	0.5	0.4	0.9
Goods.....	ID5	221	5.262	-1.6	-0.3	-0.4	-0.4	-0.3	0.9
Foods.....	ID5	2211	0.051	-11.7	-0.7	1.7	-0.5	-0.7	-1.5
Energy.....	ID5	2212	0.322	-10.4	-7.6	-2.6	-3.0	0.1	8.5
Goods excluding foods and energy.....	ID5	2213	4.889	-0.8	0.3	-0.2	-0.2	-0.3	0.4
Services.....	ID5	222	43.220	2.4	0.3	0.0	0.6	0.4	0.9
Trade services.....	ID5	2223	2.383	2.9	5.3	-1.1	1.4	-3.2	0.8
Transportation and warehousing services.....	ID5	2222	2.817	0.3	0.8	-0.3	4.5	-0.3	2.2
Transportation of passengers.....	ID5	22221	0.417	0.7	1.2	-0.4	2.4	-0.5	2.4
Transportation and warehousing of goods.....	ID5	22222	2.400	0.2	0.8	-0.3	4.8	-0.2	2.2
Services less trade, transportation, and warehousing.....	ID5	2221	38.020	2.6	0.0	0.1	0.3	0.7	0.8
Construction.....	ID5	223	0.965	3.0	0.1	0.0	0.0	0.4	0.3
Stage 1 Intermediate Demand									
Stage 1 intermediate demand.....	ID5	1	100.000	0.3	-0.4	-0.1	-0.2	0.3	0.7
Inputs to stage 1 goods producers.....	ID5	11	32.376	-3.5	0.2	-0.4	-0.4	0.3	0.2
Goods.....	ID5	111	23.318	-5.9	-0.2	-1.1	-0.5	-0.4	0.6
Foods.....	ID5	1111	2.758	-22.9	-1.6	-1.0	-1.0	-3.8	-3.7
Energy.....	ID5	1112	3.446	-9.1	-0.4	-3.4	-3.4	-0.2	4.2
Goods excluding foods and energy.....	ID5	1113	17.114	-1.9	0.1	-0.6	0.2	0.1	0.6
Services.....	ID5	112	9.057	3.2	1.3	1.7	0.0	2.3	-0.9
Trade services.....	ID5	1123	5.505	3.3	2.5	2.5	-0.7	3.6	-1.8
Transportation and warehousing services.....	ID5	1122	0.603	2.2	-0.5	0.7	1.7	-0.5	0.9
Transportation of passengers.....	ID5	11221	0.103	0.7	1.2	-0.4	2.4	-0.5	2.4
Transportation and warehousing of goods.....	ID5	11222	0.500	2.5	-0.8	0.9	1.6	-0.4	0.6
Services less trade, transportation, and warehousing.....	ID5	1121	2.949	3.2	-0.5	0.3	0.8	0.4	0.2
Construction.....	ID5	113	0.001	3.0	0.1	0.0	0.0	0.4	0.3
Inputs to stage 1 services producers.....	ID5	12	54.733	2.3	-0.8	0.0	0.0	0.4	0.9
Goods.....	ID5	121	16.086	-1.1	-1.7	-0.8	-1.1	-0.2	2.6
Foods.....	ID5	1211	0.064	-22.7	-2.6	0.5	0.0	0.0	13.2
Energy.....	ID5	1212	5.040	-5.2	-5.1	-2.6	-3.8	-1.2	7.6
Goods excluding foods and energy.....	ID5	1213	10.982	1.3	0.2	0.0	0.1	0.3	0.2
Services.....	ID5	122	38.644	3.8	-0.5	0.4	0.5	0.6	0.2
Trade services.....	ID5	1223	3.829	5.2	1.4	0.8	0.7	-0.9	0.3
Transportation and warehousing services.....	ID5	1222	4.412	1.5	0.6	-0.3	0.7	-0.1	1.7
Transportation of passengers.....	ID5	12221	1.343	0.7	1.2	-0.4	2.4	-0.5	2.4
Transportation and warehousing of goods.....	ID5	12222	3.069	1.9	0.3	-0.2	0.0	0.1	1.4
Services less trade, transportation, and warehousing.....	ID5	1221	30.403	4.0	-0.8	0.4	0.4	0.9	0.0
Construction.....	ID5	123	0.003	3.0	0.1	0.0	0.0	0.4	0.3
Inputs to stage 1 construction producers.....	ID5	13	12.891	1.7	-0.3	0.1	-0.4	0.1	0.9
Goods.....	ID5	131	9.205	1.0	-0.7	-0.2	-0.5	0.3	1.2
Energy.....	ID5	1312	0.754	-11.4	-7.9	-4.2	-8.6	-1.0	12.7
Goods excluding foods and energy.....	ID5	1313	8.451	2.4	0.1	0.2	0.3	0.4	0.2
Services.....	ID5	132	3.686	3.4	0.6	0.9	-0.2	-0.3	0.0
Trade services.....	ID5	1323	2.807	6.2	0.8	1.2	0.2	-0.3	-0.1
Transportation and warehousing services.....	ID5	1322	0.783	-5.5	0.1	-0.1	-1.4	-0.2	0.4
Transportation and warehousing of goods.....	ID5	13222	0.783	-5.5	0.1	-0.1	-1.4	-0.2	0.4
Services less trade, transportation, and warehousing.....	ID5	1321	0.096	3.2	0.1	0.1	0.5	0.8	-0.6
Special Groupings of Intermediate Demand by Production Flow									
Total goods inputs to stage 4 intermediate demand.....	ID5	9411	46.071	-0.4	-0.5	-0.2	0.0	0.0	0.6
Total services inputs to stage 4 intermediate demand.....	ID5	9412	53.875	3.8	-0.2	0.5	0.4	1.1	-0.2
Total construction inputs to stage 4 intermediate demand.....	ID5	9413	0.053	3.0	0.1	0.0	0.0	0.4	0.3
Total foods inputs to stage 4 intermediate demand.....	ID5	9414	5.182	-6.9	-0.7	-0.2	0.1	-1.6	-0.7

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[February 2024]

Grouping	Commodity code		Relative Importance Dec. 2023 ¹	Unadjusted 12-month percent change ² Feb. 2023 to Feb. 2024 ^p	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Sept. to Oct.	Oct. to Nov. ^p	Nov. to Dec. ^p	Dec. to Jan. ^p	Jan. to Feb. ^p
Total energy goods inputs to stage 4 intermediate demand.....	ID5	9415	4.994	-2.7	-3.1	-1.7	-0.4	-1.5	4.0
Total goods less foods and energy inputs to stage 4 intermediate demand.	ID5	9416	35.895	0.9	0.0	0.0	0.1	0.4	0.4
Total goods inputs to stage 3 intermediate demand.....	ID5	9311	44.486	-4.9	-1.7	-1.1	-1.6	0.1	2.4
Total services inputs to stage 3 intermediate demand.....	ID5	9312	54.908	2.5	0.4	0.6	0.6	0.5	0.1
Total construction inputs to stage 3 intermediate demand.....	ID5	9313	0.605	3.0	0.1	0.0	0.0	0.4	0.3
Total foods inputs to stage 3 intermediate demand.....	ID5	9314	10.425	-11.1	-2.2	-1.5	-2.8	-1.3	2.4
Total energy goods inputs to stage 3 intermediate demand.....	ID5	9315	7.048	-8.6	-5.4	-3.9	-6.6	-0.6	8.4
Total goods less foods and energy inputs to stage 3 intermediate demand.	ID5	9316	27.013	-1.1	-0.3	-0.1	0.3	0.7	0.8
Total goods inputs to stage 2 intermediate demand.....	ID5	9211	41.077	-5.3	-1.1	-2.4	-3.5	1.6	1.1
Total services inputs to stage 2 intermediate demand.....	ID5	9212	57.671	2.6	0.4	0.2	0.4	0.5	0.7
Total construction inputs to stage 2 intermediate demand.....	ID5	9213	1.254	3.0	0.1	0.0	0.0	0.4	0.3
Total foods inputs to stage 2 intermediate demand.....	ID5	9214	4.131	-17.6	-1.2	0.6	-2.2	-4.7	-5.6
Total energy goods inputs to stage 2 intermediate demand.....	ID5	9215	16.305	-4.0	-2.6	-5.4	-7.6	6.2	3.7
Total goods less foods and energy inputs to stage 2 intermediate demand.	ID5	9216	20.641	-3.7	0.2	-0.3	-0.3	-0.8	0.3
Total goods inputs to stage 1 intermediate demand.....	ID5	9111	48.609	-3.0	-0.8	-0.9	-0.7	-0.2	1.4
Total services inputs to stage 1 intermediate demand.....	ID5	9112	51.387	3.7	-0.1	0.6	0.3	0.8	0.0
Total construction inputs to stage 1 intermediate demand.....	ID5	9117	0.004	3.0	0.1	0.0	0.0	0.4	0.3
Total foods inputs to stage 1 intermediate demand.....	ID5	9114	2.822	-22.9	-1.7	-0.9	-1.0	-3.8	-3.3
Total energy goods inputs to stage 1 intermediate demand.....	ID5	9115	9.240	-7.2	-3.7	-3.0	-4.1	-0.8	6.8
Total goods less foods and energy inputs to stage 1 intermediate demand.	ID5	9116	36.547	0.0	0.1	-0.3	0.2	0.2	0.4

¹ 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.

² All indexes are subject to revision for 4 months after their originally scheduled publication to incorporate late reports and corrections by survey respondents. In addition, seasonally adjusted indexes are subject to change for up to 5 years due to the recalculation of seasonal factors published each January.

³ PPI defines Total finished as including only the personal consumption and private capital investment portions of final demand.

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

⁵ 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.

⁶ Distributive services include transportation, warehousing, and trade of goods.

⁷ Includes intermediate trade, transportation, and warehousing services.

⁸ Includes crude petroleum.

⁹ Excludes crude petroleum.

^p Preliminary

"/" Data not available.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted
[February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P
Final Demand								
Final demand.....	FD	4	1.6	-0.3	0.0	-0.1	0.3	0.6
Final demand goods.....	FD	41	0.3	-1.2	-0.2	-0.1	-0.1	1.2
Final demand foods.....	FD	411	0.3	0.2	0.7	0.0	-0.3	1.0
Fresh fruits and melons ²	01	11	-7.2	-6.2	18.2	-0.6	3.7	-12.7
Fresh and dry vegetables ²	01	13	1.4	-1.7	11.2	-5.6	9.6	8.9
Grains.....	01	2	-37.6	-3.0	-3.0	-1.4	-5.2	-8.1
Eggs for fresh use ²	01	7107	33.4	-12.9	71.2	-20.5	14.6	55.0
Oilseeds.....	01	8301	-23.6	-0.9	2.2	-3.8	-9.2	-8.9
Bakery products ²	02	11	3.6	0.3	0.0	0.0	0.1	0.7
Milled rice ²	02	13	-8.9	-1.6	-1.4	-0.1	-1.3	0.1
Pasta products ²	02	1402	-11.4	1.2	0.0	0.0	-1.8	-0.6
Beef and veal.....	02	2101	14.6	2.3	0.4	0.5	-4.4	4.9
Pork.....	02	2104	8.3	1.0	0.3	20.6	-5.8	-1.1
Processed young chickens.....	02	2203	8.8	4.2	-3.2	3.8	0.9	0.3
Processed turkeys ²	02	2206	-38.9	-1.4	-1.6	-2.3	4.3	-3.7
Finfish and shellfish.....	02	23	-4.4	-0.9	0.6	0.1	5.4	-5.1
Dairy products ²	02	3	-3.3	1.6	-0.6	-1.4	-1.2	1.1
Processed fruits and vegetables ²	02	4	8.1	0.6	0.2	0.3	0.2	0.4
Confectionery end products ²	02	55	2.9	0.0	0.2	0.2	0.0	1.1
Soft drinks ²	02	62	3.1	0.3	-0.6	-1.1	3.4	0.5
Roasted coffee ²	02	6301	6.1	-0.2	0.0	0.3	-0.2	-0.2
Shortening and cooking oils ²	02	78	-7.4	-2.7	1.1	-2.2	-1.8	1.0
Frozen specialty food ²	02	85	3.6	0.2	0.5	-0.1	0.7	0.5
Final demand energy.....	FD	412	-3.8	-6.4	-2.0	-0.8	-1.1	4.4
Liquefied petroleum gas ²	05	32	-9.1	-7.0	-5.7	-0.8	4.7	3.9
Residential electric power.....	05	41	3.0	0.4	0.5	0.5	-0.4	0.5
Residential natural gas.....	05	51	-9.5	-0.5	0.9	0.1	1.3	1.1
Gasoline.....	05	71	-6.4	-15.0	-4.0	2.1	-3.4	6.8
Home heating oil and distillates.....	05	7302	2.0	-13.2	-5.0	-3.4	-0.5	2.9
No. 2 diesel fuel.....	05	7303	-11.2	-11.8	-3.7	-9.3	-0.7	15.9
Final demand goods less foods and energy.....	FD	413	1.6	0.1	0.1	0.1	0.3	0.3
Alcoholic beverages.....	02	61	1.1	0.2	0.1	0.1	0.2	-0.2
Pet food ²	02	9402	5.9	0.0	0.0	0.0	-0.2	0.4
Women's, girls', and infants' apparel ²	03	8106	1.7	-1.0	0.0	0.0	2.2	0.0
Men's and boys' apparel ²	03	8107	2.9	-0.4	0.0	0.0	1.0	0.3
Textile housefurnishings ²	03	82	0.6	0.0	0.0	0.0	0.0	0.7
Footwear ²	04	3	1.4	0.0	0.1	0.0	0.2	0.7
Industrial chemicals.....	06	1	-12.1	1.9	-2.0	-1.8	-3.6	1.9
Pharmaceutical preparations.....	06	38	1.6	0.3	0.1	0.2	-0.4	0.2
Soaps and detergents ²	06	71	1.7	0.1	-0.2	1.5	0.3	0.0
Cleaning and polishing products ²	06	72	1.0	0.1	-0.1	0.0	0.1	0.5
Cosmetics and other toiletries ²	06	75	2.7	0.3	0.0	0.0	0.0	0.9
Tires ²	07	1201	-0.8	-0.1	-0.1	0.0	0.2	0.0
Consumer, institutional, and commercial products, n.e.c. ²	07	2B	0.0	0.2	-0.1	0.1	-0.1	0.2
Sanitary paper products ²	09	1501	-2.2	-0.9	-0.4	-1.3	-0.2	0.2
Iron and steel scrap.....	10	12	-3.2	1.5	5.0	-0.3	-6.6	-4.4
Agricultural machinery and equipment ²	11	1	1.9	0.4	-0.5	0.2	0.0	0.1
Construction machinery and equipment ²	11	2	4.3	0.0	0.9	0.1	0.6	0.1
Metal cutting machine tools ²	11	37	1.4	0.0	0.0	0.0	0.2	0.2
Metal forming machine tools.....	11	38	11.0	0.1	-0.4	0.6	0.4	0.9
Tools, dies, jigs, fixtures, and industrial molds ²	11	39	7.5	0.2	0.4	0.2	3.0	0.0
Pumps, compressors, and equipment ²	11	41	6.6	0.0	0.1	0.5	1.4	1.0
Industrial material handling equipment ²	11	44	2.7	0.2	0.1	0.0	1.2	0.1
Electronic computers and computer equipment ²	11	5	0.3	-0.1	0.3	0.7	1.8	0.2
Textile machinery and equipment ²	11	62	0.0	0.0	0.0	0.0	0.0	0.0
Paper industries machinery ²	11	64	3.7	0.0	0.0	0.2	0.9	0.2
Printing trades machinery and equipment ²	11	65	2.0	1.8	-0.2	0.6	-0.1	-0.6
Transformers and power regulators ²	11	74	4.3	0.2	0.0	1.6	0.7	0.0
Communication and related equipment.....	11	76	4.7	0.1	0.2	0.2	2.4	0.5
Electronic components and accessories.....	11	78	0.5	0.0	0.1	0.0	0.5	-0.2
X-ray and electromedical equipment ²	11	7905	1.7	0.0	0.0	0.0	0.2	0.4
Oil field and gas field machinery ²	11	91	3.1	0.0	0.0	0.0	1.7	0.0
Mining machinery and equipment ²	11	92	9.8	0.2	2.4	0.0	0.2	0.2
Internal combustion engines ²	11	94	4.3	-0.1	0.1	0.0	2.2	-0.2

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
 [February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P
Household furniture ²	12	1	-1.7	-1.1	-0.1	0.0	0.1	0.0
Commercial furniture ²	12	2	2.5	0.1	0.6	-0.7	0.6	0.7
Floor coverings ²	12	3	1.2	-0.9	-1.1	-0.3	1.5	0.0
Household appliances ²	12	4	0.1	0.1	0.4	-0.1	0.1	-1.0
Home electronic equipment ²	12	5	0.2	0.0	0.2	0.0	0.0	0.0
Lawn and garden equipment excl. garden tractors ²	12	66	1.8	0.5	0.6	0.6	0.1	0.0
Passenger cars.....	14	1101	-3.3	0.8	-0.2	-2.4	0.0	0.2
Light motor trucks.....	14	1105	1.3	-0.2	0.3	0.0	0.2	0.3
Heavy motor trucks ²	14	1106	1.3	0.0	0.0	0.1	0.0	0.1
Motor vehicles parts ²	14	12	1.2	0.1	0.1	-0.2	0.2	0.1
Truck trailers ²	14	14	-0.7	-0.3	0.0	0.0	-0.3	0.6
Travel trailers and campers ²	14	16	0.6	-0.2	0.0	0.0	0.0	0.0
Aircraft.....	14	21	4.4	0.1	0.1	0.0	0.3	-0.1
Ships ²	14	31	3.1	0.5	0.0	0.1	0.0	0.3
Railroad equipment ²	14	4	1.6	-0.1	0.3	0.0	0.1	0.1
Toys, games, and children's vehicles ²	15	11	0.5	0.1	0.0	0.0	0.1	0.0
Sporting and athletic goods ²	15	12	8.9	0.0	2.2	2.1	1.1	0.3
Cigarettes ²	15	21	11.3	1.2	1.6	0.0	0.8	2.6
Mobile homes.....	15	5	-1.4	0.3	0.4	-0.1	0.3	0.0
Medical, surgical & personal aid devices.....	15	6	2.5	0.0	0.2	0.2	0.4	0.5
Jewelry, platinum and karat gold ²	15	9402	3.6	-2.2	2.4	2.6	0.5	-0.5
Costume jewelry and novelties ²	15	9404	2.6	0.0	0.0	0.0	0.6	0.0
Final demand services.....	FD	42	2.3	0.1	0.2	0.0	0.5	0.3
Final demand trade services ³	FD	423	-0.5	0.0	0.5	-1.0	0.1	-0.3
Machinery and equipment parts and supplies wholesaling ²	57	1102	7.4	0.8	1.5	-0.1	-0.1	-0.7
Machinery and vehicle wholesaling ²	57	1103	-1.1	1.4	5.8	-8.5	5.0	-0.8
Professional and commercial equipment wholesaling ²	57	1104	3.4	1.2	-1.4	1.1	0.1	-0.2
Furnishings wholesaling ²	57	2	-5.9	-3.7	1.0	0.1	0.3	0.4
Chemicals and allied products wholesaling ²	57	5	-3.5	4.8	1.0	-5.8	10.3	-6.4
Paper and plastics products wholesaling ²	57	6	-2.4	-0.3	1.4	0.8	-1.0	-3.5
Apparel wholesaling ²	57	7	-3.1	1.1	0.6	-8.5	1.9	-2.7
Food and alcohol wholesaling ²	57	8	6.1	-0.2	2.3	-1.2	0.9	0.8
Food and alcohol retailing.....	58	1	1.3	-0.8	-0.4	0.9	0.1	0.4
Health, beauty, and optical goods retailing ²	58	2	4.6	-2.2	-1.0	2.9	3.4	-0.1
Apparel, jewelry, footwear, and accessories retailing.....	58	3	0.9	-4.1	-0.1	5.3	-3.3	-0.9
Computer hardware, software, and supplies retailing ²	58	4	-34.0	-27.9	6.4	15.2	-30.1	-8.5
TV, video, and photographic equipment and supplies retailing.....	58	5	10.2	8.1	3.9	-6.8	3.1	-2.9
Automobiles retailing (partial).....	58	6101	-36.6	-5.1	-4.3	-5.3	-10.4	-3.5
Automotive parts, including tires, retailing ²	58	6102	-0.1	-1.5	3.8	1.3	0.3	-0.9
RVs, trailers, and campers retailing ²	58	8	-7.4	-0.3	3.6	-6.5	-8.9	5.6
Sporting goods, including boats, retailing.....	58	9	3.9	-1.1	-3.0	4.7	8.0	-3.1
Lawn, garden, and farm equipment and supplies retailing ²	58	A	15.0	-0.4	-0.4	0.3	-0.7	-1.0
Furniture retailing ²	58	B	-6.5	0.3	-5.6	0.2	0.7	0.0
Flooring and floor coverings retailing ²	58	C	2.0	0.7	0.6	-3.2	2.8	1.0
Hardware, building materials, and supplies retailing.....	58	D	11.0	0.8	0.3	-0.6	-1.3	-1.3
Major household appliances retailing.....	58	E	-4.6	-4.4	2.9	-4.0	-4.9	6.6
Fuels and lubricants retailing.....	58	F	-7.7	16.4	-5.1	4.5	-7.7	-0.6
Cleaning supplies and paper products retailing ²	58	G	8.9	0.1	-1.7	-0.1	2.2	-0.4
Book retailing ²	58	H	1.3	0.5	-3.2	0.1	3.7	-2.1
Final demand transportation and warehousing services.....	FD	422	-2.6	0.5	-0.2	-0.2	-0.2	0.9
Rail transportation of freight and mail ²	30	11	0.6	1.2	0.4	-0.1	1.1	-1.4
Truck transportation of freight ²	30	12	-5.9	0.1	-0.2	-1.6	-0.2	0.4
Air transportation of freight ²	30	14	-0.8	0.7	2.1	-1.1	0.3	-0.6
Courier, messenger, and U.S. postal services.....	30	16	4.9	0.5	-0.3	0.3	0.3	1.3
Rail transportation of passengers.....	30	21	0.0	0.0	0.1	0.1	-0.1	0.0
Airline passenger services.....	30	22	0.7	1.2	-0.4	2.4	-0.5	2.4
Final demand services less trade, transportation, and warehousing.....	FD	421	4.2	0.1	0.1	0.4	0.8	0.5
Sales of books.....	33	11	8.7	0.8	0.9	0.7	0.8	1.7
Sales and subscriptions of periodicals and newspapers.....	33	12	2.8	0.0	-0.1	1.5	-0.3	0.8
Application software publishing ²	34	2	5.9	0.8	-1.6	2.0	1.2	0.5
Advertising space sales in periodicals, newspapers, directories, and mailing lists ²	36	1	-0.5	-0.3	-0.2	0.0	0.3	0.1
Residential wired telecommunication services ²	37	11	4.7	0.1	0.1	0.1	0.3	-0.1
Wireless telecommunication services.....	37	2	1.2	0.1	0.2	0.1	0.1	0.2
Cable and satellite subscriber services.....	37	3	7.0	0.5	-1.0	-0.1	0.6	1.3
Internet access services ²	37	4	0.1	0.0	1.2	-0.3	0.9	0.2

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
[February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P
Bundled wired telecommunications access services ²	37	5	1.2	0.2	-0.2	1.9	1.6	0.4
Consumer loans (partial).....	39	12	6.9	-0.5	0.3	4.2	0.7	3.4
Deposit services (partial) ²	39	2	18.7	0.8	2.3	3.2	1.0	-0.2
Other credit intermediation, incl. trust services (partial) ²	39	3	0.4	0.0	-3.7	-0.2	0.0	0.4
Securities brokerage, dealing, investment advice, and related services ² ...	40	1	7.3	-1.9	0.1	2.9	0.6	0.6
Portfolio management ²	40	2	8.3	-3.0	-1.7	1.6	5.9	0.2
Life insurance ²	41	1101	-1.2	0.1	0.0	0.0	0.0	0.0
Disability insurance, including accidental death ²	41	1102	0.0	0.0	0.0	0.0	0.0	0.0
Health and medical insurance.....	41	1103	2.3	0.2	0.2	0.1	-1.1	1.4
Property and casualty insurance ²	41	1104	6.4	0.0	0.1	0.6	0.4	0.3
Annuities ²	41	2	1.0	0.1	0.0	-0.1	0.2	0.0
Residential property sales and leases, brokerage fees and commissions..	43	21	5.5	0.4	0.3	0.5	0.0	-0.4
Passenger car rental.....	44	1	-8.4	0.8	-2.1	1.3	-4.2	-2.0
Legal services.....	45	1	6.3	0.9	0.3	0.4	2.0	0.4
Tax preparation and planning.....	45	2102	0.7	-0.2	-0.5	-1.0	0.0	0.6
Architectural and engineering services.....	45	3	2.6	0.8	0.0	0.1	-0.1	-0.1
Management, scientific, and technical consulting services ²	45	4	3.1	-3.6	2.1	0.9	0.0	0.1
Arrangement of flights (partial).....	47	1	-2.2	-5.5	0.2	-0.2	-1.1	-0.1
Arrangement of vehicle rentals and lodging ²	47	2	-4.6	-1.1	-0.1	-0.1	-0.9	0.2
Arrangement of cruises and tours ²	47	3	7.9	0.6	-0.7	-1.5	-1.0	1.6
Physician care.....	51	1101	2.0	0.1	0.0	0.1	1.1	0.1
Medical laboratory and diagnostic imaging care ²	51	1102	0.1	0.0	0.0	0.0	-0.1	0.0
Home health and hospice care.....	51	1103	4.4	0.2	0.1	0.2	-0.2	0.1
Hospital outpatient care ²	51	1104	4.6	0.8	-0.2	-0.4	1.4	0.5
Dental care.....	51	1105	3.0	0.0	0.2	0.1	0.0	1.9
Hospital inpatient care.....	51	2101	5.3	0.7	0.1	0.7	0.8	0.2
Nursing home care.....	51	2102	3.0	0.4	0.2	0.2	0.1	0.0
Traveler accommodation services.....	53	11	5.6	-1.9	1.1	-4.6	1.4	3.8
Food and beverages for immediate consumption services (partial) ²	54	1	3.8	1.0	0.2	0.0	0.1	0.7
Motor vehicle repair and maintenance (partial) ²	55	2	4.2	0.3	0.5	0.2	0.3	0.0
Membership dues and admissions and recreation facility use fees (partial) ²	56	1	4.0	2.0	1.7	2.3	0.1	0.1
Recreational activity instruction fees (partial) ²	56	2	0.9	0.0	0.0	0.0	0.6	0.0
Gaming receipts (partial) ²	56	3	-0.4	1.7	-0.2	1.8	-1.6	0.2
Mining services ²	60	1	2.3	-0.7	1.2	1.3	-0.3	0.4
Final demand construction.....	FD	43	-1.1	-0.2	-0.1	0.0	0.2	0.0
New warehouse building construction ²	80	1101	-1.2	-0.5	-0.1	-0.1	0.0	0.0
New school building construction ²	80	1102	-1.1	-0.2	0.0	-0.1	0.5	0.0
New office building construction ²	80	1103	-1.4	-0.4	-0.1	0.2	0.1	0.0
New industrial building construction ²	80	1104	-0.5	0.0	-0.1	0.0	0.5	0.0
New health care building construction ²	80	1105	-1.4	0.0	-0.5	0.2	0.1	0.0
Intermediate Demand by Commodity Type								
Processed goods for intermediate demand.....	ID6	1	-1.8	-1.0	-0.7	-0.4	-0.1	1.6
Processed foods and feeds.....	ID6	9112	-3.9	-0.2	-0.5	0.1	-1.6	0.3
Meats.....	02	21	8.4	1.3	0.1	4.8	-3.9	2.2
Processed poultry.....	02	22	-3.2	2.0	-6.5	1.2	0.5	1.3
Dairy products ²	02	3	-3.3	1.6	-0.6	-1.4	-1.2	1.1
Processed fruits and vegetables ²	02	4	8.1	0.6	0.2	0.3	0.2	0.4
Refined sugar and byproducts ²	02	53	18.2	0.9	2.6	0.1	2.6	9.1
Fats and oils ²	02	7	-18.2	-0.2	-0.5	-1.8	-3.4	-2.3
Prepared animal feeds.....	02	9	-9.0	-0.7	-0.2	-0.7	-2.5	-2.3
Processed materials less foods and feeds.....	ID6	9111	-1.6	-1.0	-0.7	-0.5	0.1	1.7
Synthetic fibers ²	03	1	-1.9	2.3	-0.6	-1.2	-1.6	0.4
Processed yarns and threads ²	03	2	-3.0	-0.6	-1.1	0.2	0.4	-0.3
Finished fabrics ²	03	4	-1.2	-0.1	-0.1	0.2	0.0	-0.1
Liquefied petroleum gas ²	05	32	-9.1	-7.0	-5.7	-0.8	4.7	3.9
Commercial electric power.....	05	42	1.4	0.2	-0.4	1.2	-1.5	2.4
Industrial electric power.....	05	43	3.9	0.6	-0.1	1.1	-1.7	2.3
Commercial natural gas.....	05	52	-14.2	1.1	2.0	2.1	-0.2	2.1
Industrial natural gas.....	05	53	-14.6	-1.8	0.8	-0.2	3.2	-0.7
Natural gas to electric utilities.....	05	54	-10.8	-2.0	-0.1	-0.3	4.6	7.2
Gasoline.....	05	71	-6.4	-15.0	-4.0	2.1	-3.4	6.8
Jet fuel ²	05	7203	-9.0	-3.2	-5.8	-12.1	0.4	11.5
No. 2 diesel fuel.....	05	7303	-11.2	-11.8	-3.7	-9.3	-0.7	15.9
Residual fuels ²	05	74	25.9	4.0	-5.2	-7.1	-0.2	1.8

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
 [February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P
Finished lubricants ²	05	76	0.0	-0.2	0.2	0.7	0.3	-0.1
Lubricating oil base stocks ²	05	78	-5.7	11.9	2.1	-7.3	-3.6	9.7
Asphalt.....	05	8102	3.4	2.9	2.3	4.3	2.7	-14.0
Basic inorganic chemicals ²	06	13	-13.3	-1.7	-0.1	-0.2	-1.2	-1.0
Basic organic chemicals.....	06	14	-11.8	2.7	-2.4	-2.2	-4.1	2.5
Prepared paint ²	06	21	-1.0	-0.4	0.0	0.0	0.2	-0.4
Paint materials ²	06	22	0.9	-3.6	0.1	-0.4	-0.2	-0.2
Medicinal and botanical chemicals ²	06	31	13.1	0.9	0.0	-0.2	0.4	11.7
Biological products, including diagnostics.....	06	37	2.5	0.3	0.2	-0.3	-0.7	0.3
Fats and oils, inedible ²	06	4	-3.3	-6.5	-6.0	-1.9	17.1	-5.0
Nitrogenates.....	06	5201	-29.0	1.4	-0.7	4.5	-3.4	-5.3
Phosphates.....	06	5202	-5.5	4.6	1.9	2.9	3.9	0.8
Other agricultural chemicals ²	06	53	-15.8	0.0	-0.6	0.5	-0.3	0.0
Plastic resins and materials.....	06	6	-2.9	-0.9	1.7	1.1	0.5	1.7
Industrial gases ²	06	7903	2.2	0.8	-2.2	0.2	2.6	-1.6
Adhesives and sealants ²	06	7904	0.1	0.1	0.0	-0.2	0.1	-0.3
Synthetic rubber ²	07	1102	-7.5	2.4	0.2	-1.5	-1.5	1.2
Tires ²	07	1201	-0.8	-0.1	-0.1	0.0	0.2	0.0
Plastic construction products ²	07	21	-2.0	0.0	0.0	-0.4	0.2	-0.1
Unsupported plastic film, sheet, other shapes ²	07	22	-6.7	0.5	0.0	0.6	-1.6	0.1
Parts for manufacturing from plastics ²	07	26	-2.0	-0.2	-0.2	0.0	0.0	0.0
Plastic packaging products ²	07	2A	-1.9	-0.4	0.3	-0.4	1.0	-0.7
Softwood lumber.....	08	11	-10.4	-2.3	-4.2	-1.7	-1.7	-3.0
Hardwood lumber ²	08	12	0.5	-4.9	1.3	4.2	0.1	1.5
Millwork.....	08	2	-1.5	0.2	0.3	0.0	-0.1	1.4
Plywood ²	08	3	-0.5	1.6	-1.1	0.1	0.3	-0.4
Paper ²	09	13	-0.5	-0.5	-0.1	0.0	0.5	0.5
Paperboard ²	09	14	-6.5	-0.4	-0.1	-1.5	0.7	-0.1
Paper boxes and containers ²	09	1503	-3.7	-0.1	-0.3	-0.1	-0.5	0.1
Building paper and board ²	09	2	11.5	-18.4	-2.4	3.0	0.4	0.0
Commercial printing ²	09	47	2.0	0.0	0.1	0.0	0.8	0.2
Foundry and forge shop products ²	10	15	1.2	-0.6	-0.2	0.9	0.7	0.2
Steel mill products ²	10	17	5.0	-2.4	-2.0	2.4	5.4	2.9
Primary nonferrous metals ²	10	22	-0.1	-2.0	0.6	-1.0	0.6	3.6
Secondary nonferrous metals ²	10	24	-7.8	-1.4	0.2	0.0	0.4	-1.4
Aluminum mill shapes ²	10	2501	-6.2	-0.4	-0.1	-0.3	-0.7	0.2
Copper and brass mill shapes ²	10	2502	-5.0	-1.3	-0.3	1.0	0.8	-0.8
Nonferrous wire and cable ²	10	26	-4.0	-0.5	0.0	0.4	0.5	0.1
Nonferrous foundry shop products.....	10	28	3.0	0.4	-0.3	0.7	0.1	1.0
Metal containers ²	10	3	-2.5	-0.9	-0.5	0.0	0.4	0.2
Hardware ²	10	4	-0.1	0.0	0.1	-0.1	-0.3	-0.1
Plumbing fixtures and brass fittings.....	10	5	1.4	0.0	0.2	-0.3	0.6	-0.2
Heating equipment ²	10	6	3.0	0.7	0.0	0.2	0.7	0.1
Fabricated structural metal products.....	10	7	2.4	0.6	0.5	1.1	0.7	-0.3
Bolts, nuts, screws, rivets, and washers ²	10	81	7.3	-0.6	0.3	0.0	1.9	0.0
Lighting fixtures ²	10	83	3.0	0.0	0.1	0.1	0.0	0.4
Fabricated ferrous wire products.....	10	88	-5.2	-1.3	0.7	-0.3	0.2	-0.1
Other miscellaneous metal products ²	10	89	1.0	0.2	0.1	0.0	0.5	0.2
Fluid power equipment ²	11	43	9.2	2.1	-1.9	0.0	0.9	0.2
Mechanical power transmission equipment ²	11	45	3.3	0.4	0.7	0.0	0.4	0.3
Air conditioning and refrigeration equipment.....	11	48	3.8	0.5	0.6	0.0	-1.3	1.0
Metal valves, except fluid power.....	11	4902	2.8	0.8	0.3	0.3	-1.5	0.5
Ball and roller bearings ²	11	4905	6.2	0.0	0.2	-0.2	0.4	3.6
Wiring devices ²	11	71	-4.6	0.2	-0.1	-0.5	-0.6	0.4
Motors, generators, motor generator sets ²	11	73	3.1	0.1	-0.3	0.0	0.3	0.0
Switchgear, switchboard, and industrial controls equip. ²	11	75	6.7	0.4	0.9	0.2	1.3	0.5
Electronic components and accessories.....	11	78	0.5	0.0	0.1	0.0	0.5	-0.2
Internal combustion engines ²	11	94	4.3	-0.1	0.1	0.0	2.2	-0.2
Machine shop products ²	11	95	2.3	-0.2	0.0	-0.2	0.1	1.4
Flat glass ²	13	11	-1.1	0.2	0.2	0.6	-0.2	0.0
Cement.....	13	22	6.5	0.9	0.6	0.6	1.2	0.1
Concrete products.....	13	3	6.6	0.6	0.5	-0.3	1.1	0.3
Asphalt felts and coatings ²	13	6	6.1	0.6	-0.3	0.3	-0.2	0.9
Paving mixtures and blocks.....	13	94	1.4	1.1	1.3	0.9	-0.2	-0.4
Motor vehicle parts ²	14	12	1.2	0.1	0.1	-0.2	0.2	0.1
Aircraft engines and engine parts.....	14	23	3.7	0.2	0.9	0.4	0.5	0.7

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
 [February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P
Aircraft parts and auxiliary equipment, n.e.c.....	14	25	2.5	0.1	0.1	0.0	0.2	0.3
Medical, surgical, and personal aid devices.....	15	6	2.5	0.0	0.2	0.2	0.4	0.5
Unprocessed goods for intermediate demand.....	ID6	2	-8.3	-1.6	-2.1	-4.2	1.4	1.2
Unprocessed foodstuffs and feedstuffs.....	ID6	21	-12.5	-2.1	-0.4	-3.3	-1.5	0.8
Wheat ²	01	21	-32.1	-6.0	-1.2	2.4	-3.3	-5.2
Corn.....	01	2202	-40.1	-2.9	-3.5	-2.0	-6.5	-9.2
Slaughter cattle.....	01	31	14.9	0.2	-4.4	-3.2	1.3	1.6
Slaughter hogs.....	01	32	-13.0	-5.1	-4.4	-18.8	-2.9	35.6
Slaughter chickens.....	01	4102	3.8	-1.0	-1.3	4.8	-3.3	2.0
Slaughter turkeys.....	01	42	-33.4	-14.1	4.7	1.3	14.1	-7.5
Raw milk.....	01	6	-9.4	-2.4	-1.4	-5.1	1.1	-0.2
Hay and hayseeds ²	01	81	-40.3	-4.7	7.1	-17.5	-2.0	-3.4
Oilseeds.....	01	8301	-23.6	-0.9	2.2	-3.8	-9.2	-8.9
Raw cane sugar and byproducts ²	02	5201	6.2	4.1	-0.7	-0.3	-2.3	0.8
Unprocessed nonfood materials.....	ID6	22	-5.6	-1.4	-3.1	-4.7	3.1	1.4
Raw cotton ²	01	51	3.9	-1.5	-6.2	3.6	-0.4	12.7
Hides and skins.....	04	1	-5.2	-5.7	1.3	-3.0	0.0	0.2
Coal ²	05	1	-2.4	2.7	2.7	-1.6	0.6	-0.6
Natural gas ²	05	31	-19.0	1.2	9.9	-1.4	14.8	-7.2
Crude petroleum ²	05	61	1.6	-3.4	-9.6	-10.6	4.9	7.5
Logs, bolts, timber, pulpwood, and woodchips ²	08	5	-3.7	-0.1	-1.1	-0.3	0.1	-0.1
Recyclable paper ²	09	12	68.3	10.8	4.0	2.7	8.0	3.0
Iron ores ²	10	11	-7.3	-1.1	-0.7	-0.3	0.6	-0.9
Iron and steel scrap.....	10	12	-3.2	1.5	5.0	-0.3	-6.6	-4.4
Nonferrous metal ores ²	10	21	-2.7	1.8	2.0	1.0	-1.0	-1.0
Copper base scrap ²	10	2301	-2.4	-2.7	0.5	1.8	-0.4	2.4
Aluminum base scrap.....	10	2302	1.7	0.4	2.3	-1.2	-2.1	1.0
Construction sand, gravel, and crushed stone.....	13	21	7.7	0.5	0.5	0.5	2.6	1.0
Services for intermediate demand.....	ID6	3	3.2	0.0	0.5	0.4	0.7	0.1
Trade services for intermediate demand ³	ID6	33	4.9	1.5	1.5	-0.2	0.8	-0.5
Machinery and equipment parts and supplies wholesaling ²	57	1102	7.4	0.8	1.5	-0.1	-0.1	-0.7
Building materials, paint, and hardware wholesaling.....	57	3	-3.0	0.1	-0.8	-1.6	2.8	0.6
Metals, minerals, and ores wholesaling ²	57	4	11.5	4.6	10.5	4.4	5.7	-2.9
Chemicals and allied products wholesaling ²	57	5	-3.5	4.8	1.0	-5.8	10.3	-6.4
Paper and plastics products wholesaling ²	57	6	-2.4	-0.3	1.4	0.8	-1.0	-3.5
Food wholesaling ²	57	8101	6.9	-0.3	2.6	-1.4	1.1	0.8
Automotive parts, including tires, retailing ²	58	6102	-0.1	-1.5	3.8	1.3	0.3	-0.9
Hardware, building material, and supplies retailing.....	58	D	11.0	0.8	0.3	-0.6	-1.3	-1.3
Transportation and warehousing services for intermediate demand.....	ID6	32	0.8	0.4	-0.2	0.8	0.1	1.1
Rail transportation of freight and mail ²	30	11	0.6	1.2	0.4	-0.1	1.1	-1.4
Truck transportation of freight ²	30	12	-5.9	0.1	-0.2	-1.6	-0.2	0.4
Water transportation of freight ²	30	13	5.4	-2.3	0.4	4.1	-1.3	1.7
Air transportation of freight ²	30	14	-0.8	0.7	2.1	-1.1	0.3	-0.6
U.S. Postal Service ²	30	1601	7.1	0.0	0.0	0.0	0.0	3.2
Courier and messenger services, except air mail.....	30	1602	4.0	0.4	0.0	0.5	0.1	0.0
Air mail and package delivery services, excluding by USPS.....	30	1603	3.5	1.3	-1.0	0.3	0.9	1.1
Pipeline transportation ²	30	17	0.8	-0.2	-0.1	0.0	0.1	-0.6
Transportation of passengers (partial).....	30	2	0.7	1.2	-0.4	2.3	-0.5	2.4
Services related to water transportation ²	31	1	3.7	1.2	0.3	0.4	0.9	0.5
Arrangement of freight and cargo ²	31	31	-0.1	1.6	-0.3	12.3	-0.1	7.1
Warehousing, storage, and related services ²	32	1	0.3	-0.3	-0.4	-0.1	0.5	2.0
Services less trade, transportation, and warehousing for intermediate demand.....	ID6	31	3.3	-0.5	0.4	0.5	0.8	0.1
Network compensation from broadcast TV, cable TV, radio ²	35	-	1.4	0.0	0.0	0.0	0.2	0.0
Advertising space sales in periodicals and newspapers ²	36	11	-0.7	-0.4	-0.2	0.0	0.3	0.1
Advertising space sales in directories and mail lists ²	36	12	0.1	0.0	0.0	0.0	0.0	0.0
Television advertising time sales.....	36	2	-7.1	0.6	6.3	1.7	-1.0	1.7
Radio advertising time sales.....	36	3	-7.3	-0.6	5.0	1.3	-15.0	7.6
Internet advertising sales ²	36	6	1.3	0.0	0.0	0.0	-0.2	0.0
Business wired telecommunication services ²	37	12	2.8	-0.5	0.2	-0.1	-0.4	1.1
Wireless telecommunication services.....	37	2	1.2	0.1	0.2	0.1	0.1	0.2
Cable and satellite subscriber services.....	37	3	7.0	0.5	-1.0	-0.1	0.6	1.3
Bundled wired telecommunication access services ²	37	5	1.2	0.2	-0.2	1.9	1.6	0.4
Data processing and related services ²	38	1	2.1	0.2	0.3	0.3	0.4	0.1
Business loans (partial).....	39	11	-2.2	0.5	-1.2	-0.2	0.7	2.9

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
 [February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P
Deposit services (partial) ²	39	2	18.7	0.8	2.3	3.2	1.0	-0.2
Other credit intermediation, incl. trust services (partial) ²	39	3	0.4	0.0	-3.7	-0.2	0.0	0.4
Securities brokerage, dealing, investment advice, and related services ²	40	1	7.3	-1.9	0.1	2.9	0.6	0.6
Portfolio management ²	40	2	8.3	-3.0	-1.7	1.6	5.9	0.2
Investment banking ²	40	3	9.4	-0.1	-0.7	-0.7	0.3	3.3
Life insurance ²	41	1101	-1.2	0.1	0.0	0.0	0.0	0.0
Health and medical insurance.....	41	1103	2.3	0.2	0.2	0.1	-1.1	1.4
Property and casualty insurance ²	41	1104	6.4	0.0	0.1	0.6	0.4	0.3
Annuities ²	41	2	1.0	0.1	0.0	-0.1	0.2	0.0
Commissions from sales of insurance ²	42	1	-0.1	0.0	0.0	0.1	0.0	0.0
Nonresidential real estate rents ²	43	11	3.7	-3.0	1.4	1.1	1.7	-3.9
Nonresidential property sales and leases ²	43	12	-5.0	-0.2	-0.2	-1.9	-1.4	0.0
Residential property management fees ²	43	22	4.6	-0.7	1.1	-0.4	3.3	-0.1
Passenger car rental.....	44	1	-8.4	0.8	-2.1	1.3	-4.2	-2.0
Truck, utility trailer, and RV rental and leasing ²	44	2	-0.6	-0.6	0.1	-0.6	0.0	-0.6
Construction, mining, and forestry machinery and equipment rental and leasing ²	44	3	-1.0	0.2	-0.2	0.2	0.1	-0.9
Legal services.....	45	1	6.3	0.9	0.3	0.4	2.0	0.4
Accounting services (partial).....	45	2	6.8	-1.1	-0.4	0.0	2.2	0.4
Architectural and engineering services.....	45	3	2.6	0.8	0.0	0.1	-0.1	-0.1
Management, scientific, and technical consulting services ²	45	4	3.1	-3.6	2.1	0.9	0.0	0.1
Advertising and related services (partial) ²	45	5	0.2	0.0	0.0	0.0	0.1	0.0
Permanent placement services ²	46	1	4.8	-0.5	0.7	0.8	0.4	-0.2
Executive search services ²	46	2	6.0	0.8	-0.9	2.3	-0.4	-0.4
Staffing services.....	46	3	0.7	0.2	0.2	0.1	-0.1	-0.3
Security guard services ²	48	1	12.1	0.8	-0.2	2.4	2.8	0.6
Janitorial services ²	49	1	-0.4	0.1	0.4	0.0	0.7	0.0
Waste collection.....	50	1	4.1	-0.2	0.9	-0.3	-0.1	-1.5
Traveler accommodation services.....	53	11	5.6	-1.9	1.1	-4.6	1.4	3.8
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	7.6	-0.1	0.4	0.8	1.6	-0.3
Aircraft repair and maintenance.....	55	4	6.5	0.3	0.5	0.2	-0.3	-0.1
Metal treatment services ²	59	1	4.4	0.5	-0.3	0.5	1.2	0.0
Construction for intermediate demand.....	ID6	4	3.0	0.1	0.0	0.0	0.4	0.3
Maintenance and repair of non-residential buildings (partial) ²	80	2	3.0	0.1	0.0	0.0	0.4	0.3
Intermediate Demand by Production Flow								
Stage 4 intermediate demand.....	ID5	4	1.8	-0.3	0.2	0.2	0.5	0.2
Stage 4 intermediate demand goods.....	ID5	9411	-0.4	-0.5	-0.2	0.0	0.0	0.6
Grains.....	01	2	-37.6	-3.0	-3.0	-1.4	-5.2	-8.1
Meats.....	02	21	8.4	1.3	0.1	4.8	-3.9	2.2
Unprocessed and packaged fish.....	02	23	-4.4	-0.9	0.6	0.1	5.4	-5.1
Dairy products ²	02	3	-3.3	1.6	-0.6	-1.4	-1.2	1.1
Commercial electric power.....	05	42	1.4	0.2	-0.4	1.2	-1.5	2.4
Industrial electric power.....	05	43	3.9	0.6	-0.1	1.1	-1.7	2.3
Gasoline.....	05	71	-6.4	-15.0	-4.0	2.1	-3.4	6.8
No. 2 diesel fuel.....	05	7303	-11.2	-11.8	-3.7	-9.3	-0.7	15.9
Basic organic chemicals.....	06	14	-11.8	2.7	-2.4	-2.2	-4.1	2.5
Prepared paint ²	06	21	-1.0	-0.4	0.0	0.0	0.2	-0.4
Medicinal and botanical chemicals ²	06	31	13.1	0.9	0.0	-0.2	0.4	11.7
Biological products, including diagnostics.....	06	37	2.5	0.3	0.2	-0.3	-0.7	0.3
Pharmaceutical preparations.....	06	38	1.6	0.3	0.1	0.2	-0.4	0.2
Plastic construction products ²	07	21	-2.0	0.0	0.0	-0.4	0.2	-0.1
Unsupported plastic film, sheet, and other shapes ²	07	22	-6.7	0.5	0.0	0.6	-1.6	0.1
Parts for manufacturing from plastics ²	07	26	-2.0	-0.2	-0.2	0.0	0.0	0.0
Plastic packaging products ²	07	2A	-1.9	-0.4	0.3	-0.4	1.0	-0.7
Lumber.....	08	1	-6.1	-3.3	-2.1	0.7	-0.9	-1.1
Millwork.....	08	2	-1.5	0.2	0.3	0.0	-0.1	1.4
Paper boxes and containers ²	09	1503	-3.7	-0.1	-0.3	-0.1	-0.5	0.1
Commercial printing ²	09	47	2.0	0.0	0.1	0.0	0.8	0.2
Steel mill products ²	10	17	5.0	-2.4	-2.0	2.4	5.4	2.9
Nonferrous wire and cable ²	10	26	-4.0	-0.5	0.0	0.4	0.5	0.1
Fabricated structural metal products.....	10	7	2.4	0.6	0.5	1.1	0.7	-0.3
Other miscellaneous metal products ²	10	89	1.0	0.2	0.1	0.0	0.5	0.2
Air conditioning and refrigeration equipment.....	11	48	3.8	0.5	0.6	0.0	-1.3	1.0
Wiring devices ²	11	71	-4.6	0.2	-0.1	-0.5	-0.6	0.4

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
 [February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P
Electronic components and accessories.....	11	78	0.5	0.0	0.1	0.0	0.5	-0.2
Miscellaneous electrical machinery and equipment ²	11	79	1.2	-0.1	-0.1	0.0	0.2	0.3
Internal combustion engines ²	11	94	4.3	-0.1	0.1	0.0	2.2	-0.2
Machine shop products ²	11	95	2.3	-0.2	0.0	-0.2	0.1	1.4
Concrete ingredients and related products.....	13	2	7.4	0.6	0.5	0.5	2.2	0.8
Concrete products.....	13	3	6.6	0.6	0.5	-0.3	1.1	0.3
Prepared asphalt, tar roofing and siding products ²	13	61	7.1	0.7	-0.3	0.3	-0.4	1.1
Paving mixtures and blocks.....	13	94	1.4	1.1	1.3	0.9	-0.2	-0.4
Motor vehicle parts ²	14	12	1.2	0.1	0.1	-0.2	0.2	0.1
Aircraft engines and engine parts.....	14	23	3.7	0.2	0.9	0.4	0.5	0.7
Aircraft parts and auxiliary equipment, n.e.c.....	14	25	2.5	0.1	0.1	0.0	0.2	0.3
Medical, surgical and personal aid devices.....	15	6	2.5	0.0	0.2	0.2	0.4	0.5
Stage 4 intermediate demand services.....	ID5	9412	3.8	-0.2	0.5	0.4	1.1	-0.2
Truck transportation of freight ²	30	12	-5.9	0.1	-0.2	-1.6	-0.2	0.4
Courier, messenger, and U.S. postal services.....	30	16	4.9	0.5	-0.3	0.3	0.3	1.3
Airline passenger services.....	30	22	0.7	1.2	-0.4	2.4	-0.5	2.4
Warehousing, storage, and related services ²	32	1	0.3	-0.3	-0.4	-0.1	0.5	2.0
Advertising space sales in periodicals and newspapers ²	36	11	-0.7	-0.4	-0.2	0.0	0.3	0.1
Data processing and related services ²	38	1	2.1	0.2	0.3	0.3	0.4	0.1
Business loans (partial).....	39	11	-2.2	0.5	-1.2	-0.2	0.7	2.9
Deposit services (partial) ²	39	2	18.7	0.8	2.3	3.2	1.0	-0.2
Securities brokerage, dealing, investment advice, and related services ²	40	1	7.3	-1.9	0.1	2.9	0.6	0.6
Portfolio management ²	40	2	8.3	-3.0	-1.7	1.6	5.9	0.2
Investment banking ²	40	3	9.4	-0.1	-0.7	-0.7	0.3	3.3
Insurance.....	41	11	3.5	0.2	0.1	0.4	-0.2	0.6
Annuities ²	41	2	1.0	0.1	0.0	-0.1	0.2	0.0
Nonresidential real estate rents ²	43	11	3.7	-3.0	1.4	1.1	1.7	-3.9
Nonresidential property sales and leases ²	43	12	-5.0	-0.2	-0.2	-1.9	-1.4	0.0
Nonresidential property management fees ²	43	13	5.0	0.7	-0.3	1.0	-0.7	0.1
Residential property management fees ²	43	22	4.6	-0.7	1.1	-0.4	3.3	-0.1
Construction, mining, and forestry machinery and equipment rental and leasing ²	44	3	-1.0	0.2	-0.2	0.2	0.1	-0.9
Legal services.....	45	1	6.3	0.9	0.3	0.4	2.0	0.4
Advertising agency services ²	45	51	0.2	0.0	0.0	0.0	0.1	0.0
Accounting services (partial).....	45	2	6.8	-1.1	-0.4	0.0	2.2	0.4
Architectural and engineering services.....	45	3	2.6	0.8	0.0	0.1	-0.1	-0.1
Management, scientific, and technical consulting services ²	45	4	3.1	-3.6	2.1	0.9	0.0	0.1
Staffing services.....	46	3	0.7	0.2	0.2	0.1	-0.1	-0.3
Janitorial services ²	49	1	-0.4	0.1	0.4	0.0	0.7	0.0
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	7.6	-0.1	0.4	0.8	1.6	-0.3
Machinery and equipment parts and supplies wholesaling ²	57	1102	7.4	0.8	1.5	-0.1	-0.1	-0.7
Building materials, paint, and hardware wholesaling.....	57	3	-3.0	0.1	-0.8	-1.6	2.8	0.6
Metals, minerals, and ores wholesaling ²	57	4	11.5	4.6	10.5	4.4	5.7	-2.9
Chemicals and allied products wholesaling ²	57	5	-3.5	4.8	1.0	-5.8	10.3	-6.4
Paper and plastics products wholesaling ²	57	6	-2.4	-0.3	1.4	0.8	-1.0	-3.5
Food and alcohol wholesaling ²	57	8	6.1	-0.2	2.3	-1.2	0.9	0.8
Hardware and building materials and supplies retailing.....	58	D	11.0	0.8	0.3	-0.6	-1.3	-1.3
Metal treatment services ²	59	1	4.4	0.5	-0.3	0.5	1.2	0.0
Stage 3 intermediate demand.....	ID5	3	-0.9	-0.5	-0.2	-0.4	0.3	1.1
Stage 3 intermediate demand goods.....	ID5	9311	-4.9	-1.7	-1.1	-1.6	0.1	2.4
Slaughter cattle.....	01	31	14.9	0.2	-4.4	-3.2	1.3	1.6
Slaughter hogs.....	01	32	-13.0	-5.1	-4.4	-18.8	-2.9	35.6
Slaughter poultry.....	01	4	-2.6	-2.6	-0.6	4.3	-1.4	0.8
Raw milk.....	01	6	-9.4	-2.4	-1.4	-5.1	1.1	-0.2
Commercial electric power.....	05	42	1.4	0.2	-0.4	1.2	-1.5	2.4
Industrial electric power.....	05	43	3.9	0.6	-0.1	1.1	-1.7	2.3
Gasoline.....	05	71	-6.4	-15.0	-4.0	2.1	-3.4	6.8
Jet fuel ²	05	7203	-9.0	-3.2	-5.8	-12.1	0.4	11.5
No. 2 diesel fuel.....	05	7303	-11.2	-11.8	-3.7	-9.3	-0.7	15.9
Finished lubricants ²	05	76	0.0	-0.2	0.2	0.7	0.3	-0.1
Lubricating oil base stocks ²	05	78	-5.7	11.9	2.1	-7.3	-3.6	9.7
Asphalt.....	05	8102	3.4	2.9	2.3	4.3	2.7	-14.0
Basic inorganic chemicals ²	06	13	-13.3	-1.7	-0.1	-0.2	-1.2	-1.0
Basic organic chemicals.....	06	14	-11.8	2.7	-2.4	-2.2	-4.1	2.5
Paints and allied products ²	06	2	-0.8	-1.1	0.2	-0.1	0.0	-0.3

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
[February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P
Agricultural chemicals and chemical products.....	06	5	-15.4	1.2	-0.9	1.7	0.2	-1.0
Plastic resins and materials.....	06	6	-2.9	-0.9	1.7	1.1	0.5	1.7
Synthetic rubber ²	07	1102	-7.5	2.4	0.2	-1.5	-1.5	1.2
Unsupported plastic film, sheet, and other shapes ²	07	22	-6.7	0.5	0.0	0.6	-1.6	0.1
Paper ²	09	13	-0.5	-0.5	-0.1	0.0	0.5	0.5
Paperboard ²	09	14	-6.5	-0.4	-0.1	-1.5	0.7	-0.1
Converted paper and paperboard products ²	09	15	-2.1	-0.3	-0.2	-0.2	-0.4	0.3
Commercial printing ²	09	47	2.0	0.0	0.1	0.0	0.8	0.2
Foundry and forge shop products ²	10	15	1.2	-0.6	-0.2	0.9	0.7	0.2
Steel mill products ²	10	17	5.0	-2.4	-2.0	2.4	5.4	2.9
Nonferrous mill shapes ²	10	25	-4.9	-0.7	-0.1	0.1	-0.3	0.1
Nonferrous foundry shop products.....	10	28	3.0	0.4	-0.3	0.7	0.1	1.0
Metal containers ²	10	3	-2.5	-0.9	-0.5	0.0	0.4	0.2
Structural, architectural, and pre-engineered metal products.....	10	74	2.1	0.7	0.6	1.8	1.3	-0.8
Bolts, nuts, screws, rivets, and washers ²	10	81	7.3	-0.6	0.3	0.0	1.9	0.0
Other miscellaneous metal products ²	10	89	1.0	0.2	0.1	0.0	0.5	0.2
General purpose machinery and equipment.....	11	4	4.7	0.5	0.1	0.3	-0.3	0.8
Electrical machinery and equipment.....	11	7	2.2	0.1	0.1	0.1	0.9	0.2
Construction sand, gravel, and crushed stone.....	13	21	7.7	0.5	0.5	0.5	2.6	1.0
Cement.....	13	22	6.5	0.9	0.6	0.6	1.2	0.1
Motor vehicle parts ²	14	12	1.2	0.1	0.1	-0.2	0.2	0.1
Aircraft and aircraft equipment.....	14	2	3.9	0.1	0.2	0.0	0.3	0.1
Stage 3 intermediate demand services.....	ID5	9312	2.5	0.4	0.6	0.6	0.5	0.1
Rail transportation of freight and mail ²	30	11	0.6	1.2	0.4	-0.1	1.1	-1.4
Courier, messenger, and U.S. postal services.....	30	16	4.9	0.5	-0.3	0.3	0.3	1.3
Arrangement of freight and cargo ²	31	31	-0.1	1.6	-0.3	12.3	-0.1	7.1
Freight forwarding ²	31	3201	-2.5	0.0	0.0	0.0	-0.5	-2.3
Warehousing, storage, and related services ²	32	1	0.3	-0.3	-0.4	-0.1	0.5	2.0
Advertising space sales in periodicals, newspapers, directories, and mailing lists ²	36	1	-0.5	-0.3	-0.2	0.0	0.3	0.1
Wired telephone services ²	37	1	3.1	-0.2	0.1	0.0	-0.1	0.5
Bundled wired telecommunications access services ²	37	5	1.2	0.2	-0.2	1.9	1.6	0.4
Data processing and related services ²	38	1	2.1	0.2	0.3	0.3	0.4	0.1
Business loans (partial).....	39	11	-2.2	0.5	-1.2	-0.2	0.7	2.9
Deposit services (partial) ²	39	2	18.7	0.8	2.3	3.2	1.0	-0.2
Securities brokerage, dealing, investment advice, and related services ²	40	1	7.3	-1.9	0.1	2.9	0.6	0.6
Insurance.....	41	11	3.5	0.2	0.1	0.4	-0.2	0.6
Nonresidential real estate rents ²	43	11	3.7	-3.0	1.4	1.1	1.7	-3.9
Legal services.....	45	1	6.3	0.9	0.3	0.4	2.0	0.4
Accounting services (partial).....	45	2	6.8	-1.1	-0.4	0.0	2.2	0.4
Architectural and engineering services.....	45	3	2.6	0.8	0.0	0.1	-0.1	-0.1
Management, scientific, and technical consulting services ²	45	4	3.1	-3.6	2.1	0.9	0.0	0.1
Advertising agency services ²	45	51	0.2	0.0	0.0	0.0	0.1	0.0
Staffing services.....	46	3	0.7	0.2	0.2	0.1	-0.1	-0.3
Aircraft repair maintenance.....	55	4	6.5	0.3	0.5	0.2	-0.3	-0.1
Machinery and equipment parts and supplies wholesaling ²	57	1102	7.4	0.8	1.5	-0.1	-0.1	-0.7
Building materials, paint, and hardware wholesaling.....	57	3	-3.0	0.1	-0.8	-1.6	2.8	0.6
Metals, minerals, and ores wholesaling ²	57	4	11.5	4.6	10.5	4.4	5.7	-2.9
Chemicals and allied products wholesaling ²	57	5	-3.5	4.8	1.0	-5.8	10.3	-6.4
Paper and plastics products wholesaling ²	57	6	-2.4	-0.3	1.4	0.8	-1.0	-3.5
Food wholesaling ²	57	8101	6.9	-0.3	2.6	-1.4	1.1	0.8
Metal treatment services ²	59	1	4.4	0.5	-0.3	0.5	1.2	0.0
Stage 2 intermediate demand.....	ID5	2	-0.8	-0.3	-0.9	-1.2	1.0	0.9
Stage 2 intermediate demand goods.....	ID5	9211	-5.3	-1.1	-2.4	-3.5	1.6	1.1
Corn.....	01	2202	-40.1	-2.9	-3.5	-2.0	-6.5	-9.2
Oilseeds.....	01	83	-23.6	-0.9	2.2	-3.8	-9.2	-8.9
Prepared animal feeds.....	02	9	-9.0	-0.7	-0.2	-0.7	-2.5	-2.3
Coal ²	05	1	-2.4	2.7	2.7	-1.6	0.6	-0.6
Natural gas ²	05	31	-19.0	1.2	9.9	-1.4	14.8	-7.2
Liquefied petroleum gas ²	05	32	-9.1	-7.0	-5.7	-0.8	4.7	3.9
Crude petroleum ²	05	61	1.6	-3.4	-9.6	-10.6	4.9	7.5
No. 2 diesel fuel.....	05	7303	-11.2	-11.8	-3.7	-9.3	-0.7	15.9
Industrial chemicals.....	06	1	-12.1	1.9	-2.0	-1.8	-3.6	1.9
Plastic resins and materials.....	06	6	-2.9	-0.9	1.7	1.1	0.5	1.7
Plastic products ²	07	2	-1.9	0.0	0.1	-0.1	0.1	-0.1
Logs, bolts, timber, pulpwood, and wood chips ²	08	5	-3.7	-0.1	-1.1	-0.3	0.1	-0.1

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
 [February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^P	Sept. to Oct.	Oct. to Nov. ^P	Nov. to Dec. ^P	Dec. to Jan. ^P
Paper ²	09	13	-0.5	-0.5	-0.1	0.0	0.5	0.5
Paperboard, excluding corrugated paperboard ²	09	1411	-6.5	-0.7	0.0	-2.0	0.7	-0.1
Commercial printing ²	09	47	2.0	0.0	0.1	0.0	0.8	0.2
Iron and steel scrap.....	10	12	-3.2	1.5	5.0	-0.3	-6.6	-4.4
Steel mill products ²	10	17	5.0	-2.4	-2.0	2.4	5.4	2.9
Nonferrous mill shapes ²	10	25	-4.9	-0.7	-0.1	0.1	-0.3	0.1
Electrical machinery and equipment.....	11	7	2.2	0.1	0.1	0.1	0.9	0.2
Electronic components and accessories.....	11	78	0.5	0.0	0.1	0.0	0.5	-0.2
Stage 2 intermediate demand services.....	ID5	9212	2.6	0.4	0.2	0.4	0.5	0.7
Rail transportation of freight and mail ²	30	11	0.6	1.2	0.4	-0.1	1.1	-1.4
Truck transportation of freight ²	30	12	-5.9	0.1	-0.2	-1.6	-0.2	0.4
U.S. Postal Service ²	30	1601	7.1	0.0	0.0	0.0	0.0	3.2
Courier and messenger services, except air.....	30	1602	4.0	0.4	0.0	0.5	0.1	0.0
Air mail and package delivery services, excluding by USPS.....	30	1603	3.5	1.3	-1.0	0.3	0.9	1.1
Pipeline transportation ²	30	17	0.8	-0.2	-0.1	0.0	0.1	-0.6
Airline passenger services.....	30	22	0.7	1.2	-0.4	2.4	-0.5	2.4
Arrangement of freight and cargo ²	31	31	-0.1	1.6	-0.3	12.3	-0.1	7.1
Television advertising time sales.....	36	21	-7.1	0.6	6.3	1.7	-1.0	1.7
Wireless telecommunication services.....	37	2	1.2	0.1	0.2	0.1	0.1	0.2
Data processing and related services ²	38	1	2.1	0.2	0.3	0.3	0.4	0.1
Securities brokerage, dealing, investment advice, and related services ²	40	1	7.3	-1.9	0.1	2.9	0.6	0.6
Portfolio management ²	40	2	8.3	-3.0	-1.7	1.6	5.9	0.2
Investment banking ²	40	31	9.4	-0.1	-0.7	-0.7	0.3	3.3
Insurance.....	41	11	3.5	0.2	0.1	0.4	-0.2	0.6
Commissions from sales of insurance ²	42	11	-0.1	0.0	0.0	0.1	0.0	0.0
Legal services.....	45	1	6.3	0.9	0.3	0.4	2.0	0.4
Accounting services (partial).....	45	2	6.8	-1.1	-0.4	0.0	2.2	0.4
Management, scientific, and technical consulting services ²	45	4	3.1	-3.6	2.1	0.9	0.0	0.1
Advertising agency services ²	45	51	0.2	0.0	0.0	0.0	0.1	0.0
Staffing services.....	46	3	0.7	0.2	0.2	0.1	-0.1	-0.3
Security guard services ²	48	1	12.1	0.8	-0.2	2.4	2.8	0.6
Janitorial services ²	49	1	-0.4	0.1	0.4	0.0	0.7	0.0
Traveler accommodation services.....	53	1	5.6	-1.9	1.1	-4.6	1.4	3.8
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	7.6	-0.1	0.4	0.8	1.6	-0.3
Hardware and building materials and supplies retailing.....	58	D	11.0	0.8	0.3	-0.6	-1.3	-1.3
Stage 1 intermediate demand.....	ID5	1	0.3	-0.4	-0.1	-0.2	0.3	0.7
Stage 1 intermediate demand goods.....	ID5	9111	-3.0	-0.8	-0.9	-0.7	-0.2	1.4
Prepared animal feeds.....	02	9	-9.0	-0.7	-0.2	-0.7	-2.5	-2.3
Commercial electric power.....	05	42	1.4	0.2	-0.4	1.2	-1.5	2.4
Industrial electric power.....	05	43	3.9	0.6	-0.1	1.1	-1.7	2.3
Commercial natural gas.....	05	52	-14.2	1.1	2.0	2.1	-0.2	2.1
Industrial natural gas.....	05	53	-14.6	-1.8	0.8	-0.2	3.2	-0.7
Gasoline.....	05	71	-6.4	-15.0	-4.0	2.1	-3.4	6.8
No. 2 diesel fuel.....	05	7303	-11.2	-11.8	-3.7	-9.3	-0.7	15.9
Industrial chemicals.....	06	1	-12.1	1.9	-2.0	-1.8	-3.6	1.9
Prepared paint ²	06	21	-1.0	-0.4	0.0	0.0	0.2	-0.4
Plastic construction products ²	07	21	-2.0	0.0	0.0	-0.4	0.2	-0.1
Recyclable paper ²	09	12	68.3	10.8	4.0	2.7	8.0	3.0
Paper ²	09	13	-0.5	-0.5	-0.1	0.0	0.5	0.5
Converted paper and paperboard products ²	09	15	-2.1	-0.3	-0.2	-0.2	-0.4	0.3
Iron and steel scrap.....	10	12	-3.2	1.5	5.0	-0.3	-6.6	-4.4
Steel mill products ²	10	17	5.0	-2.4	-2.0	2.4	5.4	2.9
Primary nonferrous metals ²	10	22	-0.1	-2.0	0.6	-1.0	0.6	3.6
Nonferrous scrap.....	10	23	-8.3	-1.2	-0.7	2.0	-2.6	-1.1
Nonferrous wire and cable ²	10	26	-4.0	-0.5	0.0	0.4	0.5	0.1
Fabricated structural metal products.....	10	7	2.4	0.6	0.5	1.1	0.7	-0.3
General purpose machinery and equipment.....	11	4	4.7	0.5	0.1	0.3	-0.3	0.8
Construction sand, gravel, and crushed stone.....	13	21	7.7	0.5	0.5	0.5	2.6	1.0
Stage 1 intermediate demand services.....	ID5	9112	3.7	-0.1	0.6	0.3	0.8	0.0
Truck transportation of freight ²	30	12	-5.9	0.1	-0.2	-1.6	-0.2	0.4
Airline passenger services.....	30	22	0.7	1.2	-0.4	2.4	-0.5	2.4
Advertising space sales in periodicals, newspapers, directories, and mailing lists ²	36	1	-0.5	-0.3	-0.2	0.0	0.3	0.1
Business wired telecommunication services ²	37	12	2.8	-0.5	0.2	-0.1	-0.4	1.1
Wireless telecommunication services.....	37	2	1.2	0.1	0.2	0.1	0.1	0.2

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
 [February 2024]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. 2023 to Feb. 2024 ^p	Sept. to Oct.	Oct. to Nov. ^p	Nov. to Dec. ^p	Dec. to Jan. ^p
Bundled wired telecommunications access services ²	37	5	1.2	0.2	-0.2	1.9	1.6	0.4
Business loans (partial).....	39	11	-2.2	0.5	-1.2	-0.2	0.7	2.9
Deposit services (partial) ²	39	2	18.7	0.8	2.3	3.2	1.0	-0.2
Securities brokerage, dealing, investment advice, and related services ²	40	1	7.3	-1.9	0.1	2.9	0.6	0.6
Portfolio management ²	40	2	8.3	-3.0	-1.7	1.6	5.9	0.2
Investment banking ²	40	3	9.4	-0.1	-0.7	-0.7	0.3	3.3
Insurance.....	41	11	3.5	0.2	0.1	0.4	-0.2	0.6
Nonresidential real estate rents ²	43	11	3.7	-3.0	1.4	1.1	1.7	-3.9
Architectural and engineering services.....	45	3	2.6	0.8	0.0	0.1	-0.1	-0.1
Management consulting services ²	45	41	3.1	-3.6	2.1	0.9	0.0	0.1
Waste collection.....	50	1	4.1	-0.2	0.9	-0.3	-0.1	-1.5
Traveler accommodation services.....	53	11	5.6	-1.9	1.1	-4.6	1.4	3.8
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	7.6	-0.1	0.4	0.8	1.6	-0.3
Machinery and equipment parts and supplies wholesaling ²	57	1102	7.4	0.8	1.5	-0.1	-0.1	-0.7
Building materials, paint, and hardware wholesaling.....	57	3	-3.0	0.1	-0.8	-1.6	2.8	0.6
Metals, minerals, and ores wholesaling ²	57	4	11.5	4.6	10.5	4.4	5.7	-2.9
Chemicals and allied products wholesaling ²	57	5	-3.5	4.8	1.0	-5.8	10.3	-6.4
Paper and plastics products wholesaling ²	57	6	-2.4	-0.3	1.4	0.8	-1.0	-3.5
Hardware and building materials and supplies retailing.....	58	D	11.0	0.8	0.3	-0.6	-1.3	-1.3
Mining services ²	60	1	2.3	-0.7	1.2	1.3	-0.3	0.4

¹ All indexes are subject to revision for 4 months after their originally scheduled publication to incorporate late reports and corrections by survey respondents. In addition, seasonally adjusted indexes are subject to change for up to 5 years due to the recalculation of seasonal factors published each January.

² Seasonal tests did not indicate the presence of seasonality. Data shown is not seasonally adjusted.

³ Trade indexes measure changes in margins received by wholesalers and retailers.

p Preliminary

"-" Data not available.

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

Table 3. Producer price indexes for Final Demand-Intermediate Demand groupings, seasonally adjusted
 [February 2024, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Oct. 2023	Nov. 2023 ^p	Dec. 2023 ^p	Jan. 2024 ^p	Feb. 2024 ^p
Final Demand								
Final demand.....		FD	4	142.191	142.261	142.180	142.632	143.431
Final demand goods.....		FD	41	143.233	142.988	142.831	142.665	144.388
Final demand foods.....		FD	411	149.798	150.822	150.843	150.403	151.942
Finished consumer foods ²	00/82	FD	4111	264.813	266.830	267.066	268.078	272.769
Finished consumer foods, crude.....	00/82	FD	411113	221.837	264.889	248.190	267.938	295.391
Finished consumer foods, processed.....	00/82	FD	411112	267.759	265.857	267.706	266.928	269.415
Government purchased foods.....		FD	4112	156.690	156.509	157.578	155.368	156.901
Foods for export.....		FD	4113	148.289	149.289	148.356	144.034	140.508
Final demand energy.....		FD	412	144.051	141.221	140.093	138.497	144.527
Finished consumer energy goods ²	00/82	FD	4121	223.199	219.827	221.225	218.396	226.311
Government purchased energy.....		FD	4122	158.536	153.354	145.755	144.447	155.146
Energy for export.....		FD	4123	143.721	137.961	127.625	127.600	135.552
Final demand goods less foods and energy.....		FD	413	141.257	141.463	141.561	141.917	142.362
Finished goods less foods and energy ²	00/82	FD	4131	248.592	249.113	249.216	250.080	250.919
Finished consumer goods less foods and energy.....	00/82	FD	41311	276.127	276.777	276.917	277.380	278.480
Nondurable consumer goods less foods and energy.....	00/82	FD	413111	358.803	359.730	360.110	360.586	362.648
Durable consumer goods.....	00/82	FD	413112	191.452	191.835	191.769	192.194	192.436
Private capital equipment.....	00/82	FD	41312	213.548	213.932	213.998	215.176	215.749
Private capital equipment for manufacturing industries.....	00/82	FD	413121	229.289	229.715	230.232	232.064	232.918
Private capital equipment for nonmanufacturing industries.....	00/82	FD	413122	208.840	209.211	209.144	210.129	210.619
Government purchased goods, excluding foods and energy.....		FD	4132	137.634	137.609	137.661	138.298	138.768
Government purchased goods excluding foods, energy, and capital equipment.....		FD	41321	145.840	145.634	145.663	145.845	146.412
Government purchased capital equipment.....		FD	41322	125.257	125.451	125.530	126.701	127.046
Goods for export, excluding foods and energy.....		FD	4133	137.264	137.382	137.559	137.578	137.943
Final demand services.....		FD	42	140.580	140.800	140.748	141.477	141.890
Final demand trade services ³		FD	423	151.414	152.099	150.511	150.633	150.219
Trade of finished goods ²		FD	4231	149.742	149.990	148.864	148.533	148.182
Trade of personal consumption goods.....		FD	42311	150.182	149.549	149.763	148.993	148.841
Trade of private capital equipment.....		FD	42312	146.095	150.238	143.196	144.809	143.589
Trade of government purchased goods.....		FD	4232	162.994	166.333	161.673	163.621	163.900
Trade of government purchased goods, excluding capital equipment.....		FD	42321	171.187	172.300	171.406	170.791	171.971
Trade of government purchased capital equipment.....		FD	42322	149.191	155.823	145.581	151.340	150.274
Trade of exports.....		FD	4233	162.736	166.550	161.753	165.499	164.191
Final demand transportation and warehousing services.....		FD	422	150.058	149.753	149.428	149.189	150.497
Transportation of passengers for final demand.....		FD	4221	134.290	133.715	136.854	136.162	139.430
Transportation of private passengers.....		FD	42211	134.294	133.720	136.853	136.162	139.424
Transportation of government passengers.....		FD	42212	134.084	133.517	136.622	135.936	139.168
Transportation of passengers for export.....		FD	42213	134.282	133.701	136.866	136.169	139.465
Transportation and warehousing of goods for final demand.....		FD	4222	155.386	155.188	153.513	153.452	153.986
Transportation and warehousing of finished goods ²		FD	42221	153.327	153.143	151.291	151.168	151.723
Transportation and warehousing of personal consumption goods.....		FD	422211	153.869	153.678	151.862	151.746	152.353
Transportation and warehousing of private capital equipment.....		FD	422212	151.132	150.978	148.979	148.826	149.168
Transportation and warehousing of government purchased goods.....		FD	42222	153.978	153.874	152.456	152.461	153.292
Transportation and warehousing of exports.....		FD	42223	161.594	161.340	160.011	160.078	160.508
Final demand services less trade, transportation, and warehousing.....		FD	421	134.604	134.692	135.285	136.356	137.007
Finished services less trade, transportation, and warehousing ²		FD	4211	134.910	135.007	135.521	136.578	137.248
Finished consumer services less trade, transportation, and warehousing.....		FD	42111	134.190	134.295	134.775	135.998	136.753
Private capital investment services less trade, transportation, and warehousing.....		FD	42112	141.652	141.688	142.480	142.249	142.256
Government purchased services less trade, transportation, and warehousing.....		FD	4212	125.146	125.346	126.027	127.139	127.371
Gov. purchased services less trade, transportation, and warehousing, excl. capital investment.....		FD	42121	125.722	125.992	126.664	127.849	128.073
Government purchased capital investment services less trade, transportation, and warehousing.....		FD	42122	110.896	110.079	110.860	110.861	111.207
Services for export less trade, transportation, and warehousing.....		FD	4213	141.836	141.661	143.306	144.540	145.407
Final demand construction.....		FD	43	174.425	174.195	174.281	174.704	174.673
Construction for private capital investment.....		FD	431	178.557	178.263	178.410	178.751	178.710
Construction for government.....		FD	432	166.728	166.633	166.589	167.190	167.181
Final Demand Special Groupings								
Final demand less exports.....	04/10	FD	49101	139.854	139.882	139.881	140.330	141.189
Final demand less government.....	04/10	FD	49102	140.170	140.264	140.248	140.684	141.414
Final demand less foods, food and nonalcoholic beverages for immediate consumption, and energy ¹	04/10	FD	49103	140.079	140.282	140.214	140.902	141.324
Final demand less foods and energy ⁴	04/10	FD	49104	139.879	140.084	140.066	140.701	141.104
Final demand less foods and food and nonalcoholic beverages for immediate consumption ⁴	04/10	FD	49105	139.905	139.908	139.771	140.307	141.092

See footnotes at end of table.

Table 3. Producer price indexes for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued

[February 2024, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Oct. 2023	Nov. 2023 ^P	Dec. 2023 ^P	Jan. 2024 ^P	Feb. 2024 ^P
Final demand less foods ⁴	04/10	FD	49106	139.658	139.674	139.588	140.082	140.829
Final demand less energy.....	04/10	FD	49107	140.189	140.439	140.424	140.997	141.463
Final demand less trade services.....	01/10	FD	49108	138.399	138.333	138.582	139.101	140.156
Final demand less distributive services ⁵	01/10	FD	49109	137.836	137.776	138.108	138.651	139.730
Final demand goods less energy.....	01/10	FD	49111	141.614	141.996	142.076	142.256	142.933
Final demand goods less foods.....	04/10	FD	49112	138.762	138.256	138.067	137.961	139.684
Final demand services less trade services.....	04/10	FD	49113	134.871	134.921	135.424	136.363	137.070
Final demand distributive services ⁵	04/10	FD	49114	148.968	149.503	147.934	148.025	147.765
Final demand goods plus final demand distributive services ⁵	04/10	FD	49115	143.539	143.620	142.880	142.823	143.698
Final demand less foods, energy, and trade services ⁴	08/13	FD	49116	129.015	129.093	129.451	130.170	130.745
Private and government purchased capital equipment.....	08/13	FD	49117	128.942	129.169	129.215	129.995	130.342
Private and government purchased capital investment services.....	08/13	FD	49118	132.952	134.499	132.200	132.777	132.373
Total private and government purchased capital investment.....	08/13	FD	49119	134.244	135.069	133.951	134.573	134.494
Total finished ²	01/10	FD	49201	140.781	140.834	140.917	141.358	142.162
Total finished less foods, food and nonalcoholic beverages for immediate consumption, and energy ^{2, 4}	12/10	FD	49202	139.619	139.752	139.779	140.362	140.780
Total finished less foods and energy ^{2, 4}	01/10	FD	49203	140.476	140.612	140.638	141.221	141.645
Total finished less foods and food and nonalcoholic beverages for immediate consumption ^{2, 4}	12/10	FD	49204	138.945	138.937	139.017	139.450	140.145
Total finished less foods ^{2, 4}	01/10	FD	49205	140.354	140.349	140.428	140.863	141.567
Total finished less energy ²	01/10	FD	49206	140.932	141.123	141.155	141.737	142.282
Finished goods ²	00/82	FD	49207	254.807	254.616	255.098	255.036	258.588
Finished goods less energy ²	00/82	FD	49208	252.092	253.015	253.154	254.055	255.924
Finished goods, excluding foods ^{2, 4}	00/82	FD	49209	251.514	250.742	251.288	250.943	254.186
Finished services ²	01/10	FD	49210	138.977	139.093	139.110	139.714	140.139
Private capital investment services.....	04/10	FD	49211	143.119	144.675	142.386	142.848	142.416
Finished distributive services ^{2, 5}	04/10	FD	49212	147.089	147.280	146.090	145.791	145.556
Finished services less trade services ²	04/10	FD	49213	134.768	134.835	135.277	136.228	136.941
Finished services less distributive services ^{2, 5}	04/10	FD	49214	134.014	134.096	134.665	135.676	136.399
Total private capital investment (goods, services, and construction).....	04/10	FD	49215	142.215	143.098	141.915	142.463	142.361
Finished goods plus finished distributive services ²	04/10	FD	49216	144.468	144.505	144.071	143.909	144.819
Total exports.....	04/10	FD	49301	140.209	140.541	139.953	140.366	140.682
Goods for export.....	00/82	FD	49302	232.974	232.777	231.842	231.020	231.602
Services for export.....	04/10	FD	49303	150.821	151.783	151.116	152.780	153.072
Total government purchases.....	04/10	FD	49401	137.697	137.483	136.669	137.218	138.656
Government purchased goods.....	00/82	FD	49402	235.811	233.591	230.674	230.367	235.584
Government purchased services.....	04/10	FD	49403	133.337	134.002	133.795	134.942	135.290
Total government purchased capital investment (goods, services, construction).....	08/13	FD	49404	132.250	133.009	131.891	133.249	133.298
Government purchases, defense.....	05/15	FD	49405	125.245	125.059	123.404	124.117	125.795
Government purchases, non-defense.....	05/15	FD	49406	131.744	131.538	131.168	131.608	132.814
Personal consumption.....	01/10	FD	49501	140.371	140.235	140.606	141.024	142.035
Personal consumption goods (finished consumer goods).....	00/82	FD	49502	272.282	271.839	272.503	271.895	276.757
Personal consumption goods less energy.....	00/82	FD	49503	271.781	273.031	273.214	273.918	276.584
Personal consumption goods less foods.....	00/82	FD	49504	273.546	272.058	272.899	271.606	276.502
Personal consumption nondurable goods less foods.....	00/82	FD	49508	309.444	307.119	308.366	306.303	313.330
Personal consumption services.....	04/10	FD	49505	137.817	137.110	138.084	138.708	139.264
Personal consumption less trade services.....	04/10	FD	49506	137.333	137.321	137.731	138.441	139.738
Personal consumption less distributive services ⁵	04/10	FD	49507	136.970	136.964	137.454	138.194	139.518
Personal consumption less foods and energy.....	04/14	FD	49510	129.151	129.094	129.414	129.960	130.481
Personal consumption less foods, energy, and trade services ³	04/14	FD	49511	126.298	126.400	126.758	127.682	128.402
Personal consumption less foods, energy, and distributive services ⁵	04/14	FD	49512	126.179	126.293	126.741	127.714	128.444
Personal consumption goods plus personal consumption distributive services ⁵	08/13	FD	49509	133.133	132.764	132.908	132.449	133.572
Intermediate Demand by Commodity Type								
Processed goods								
Processed goods for intermediate demand.....	00/82	ID6	1	257.498	255.710	254.572	254.373	258.350
Materials and components for manufacturing.....	00/82	ID6	11	232.137	231.255	231.766	232.317	234.183
Materials for manufacturing.....		ID6	111	143.547	142.606	142.971	143.160	144.821
Materials for food manufacturing.....	00/82	ID6	1111	250.463	248.850	250.330	246.408	250.573
Materials for nondurable manufacturing.....	00/82	ID6	1112	263.545	261.826	260.434	258.357	261.025
Materials for durable manufacturing.....	00/82	ID6	1113	274.856	273.030	275.819	281.089	284.143
Components for manufacturing.....	00/82	ID6	112	188.233	188.354	188.665	189.434	189.883
Components for nondurable manufacturing.....		ID6	1121	145.146	145.135	145.555	145.159	145.323
Components for durable manufacturing.....		ID6	1122	132.905	132.995	133.206	133.795	134.120
Materials and components for construction.....	00/82	ID6	12	352.344	352.876	353.647	354.538	355.475
Materials for construction.....		ID6	121	167.707	167.858	168.012	168.614	169.305
Components for construction.....		ID6	122	178.999	179.355	179.928	180.230	180.497
Processed fuels and lubricants for intermediate demand.....	00/82	ID6	13	254.264	247.813	240.764	238.570	253.259
Processed fuels and lubricants to manufacturing industries.....	00/82	ID6	131	262.944	258.309	251.513	248.141	257.897

See footnotes at end of table.

Table 3. Producer price indexes for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued

[February 2024, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Oct. 2023	Nov. 2023 ^P	Dec. 2023 ^P	Jan. 2024 ^P	Feb. 2024 ^P
Processed fuels and lubricants to nonmanufacturing industries.....	00/82	ID6	132	251.816	244.783	237.645	235.821	252.111
Containers for intermediate demand.....	00/82	ID6	14	305.755	304.671	304.742	304.266	304.543
Supplies for intermediate demand.....	00/82	ID6	15	250.985	250.653	250.589	250.291	250.474
Supplies to manufacturing industries.....	00/82	ID6	151	245.459	245.316	245.543	246.718	246.833
Supplies to nonmanufacturing industries.....	00/82	ID6	152	249.851	249.492	249.384	248.859	249.052
Supplies to nonmanufacturing industries, feeds.....	00/82	ID6	1521	234.510	234.791	230.922	225.147	217.549
Supplies to nonmanufacturing industries, other than feeds.....	00/82	ID6	1522	253.855	253.410	253.789	253.943	255.152
Unprocessed goods								
Unprocessed goods for intermediate demand.....	00/82	ID6	2	256.642	251.235	240.698	244.014	246.888
Unprocessed foodstuffs and feedstuffs.....	00/82	ID6	21	220.155	219.200	211.993	208.851	210.503
Unprocessed nonfood materials.....	00/82	ID6	22	272.026	263.607	251.100	258.986	262.626
Unprocessed nonfood materials except fuel.....	00/82	ID6	221	346.012	328.550	310.748	315.603	325.019
Unprocessed nonfood materials except fuel to manufacturing industries.....	00/82	ID6	2211	320.601	303.578	286.223	290.552	299.537
Unprocessed nonfood materials except fuel to nonmanufacturing industries.....	00/82	ID6	2212	355.706	357.323	358.974	367.869	371.523
Unprocessed fuel.....	00/82	ID6	222	119.143	128.222	126.325	139.564	132.110
Unprocessed fuel to manufacturing industries.....	00/82	ID6	2221	218.249	226.363	222.742	228.761	224.848
Unprocessed fuel to nonmanufacturing industries.....	00/82	ID6	2222	116.957	126.349	124.495	138.519	130.652
Services								
Services for intermediate demand.....		ID6	3	146.753	147.493	148.134	149.157	149.364
Trade services for intermediate demand ⁵		ID6	33	174.231	176.897	176.524	177.930	177.126
Trade services for manufacturing industries.....	12/12	ID6	331	158.071	161.556	160.942	163.928	162.094
Trade services for nonmanufacturing industries.....	12/12	ID6	332	156.104	157.475	157.405	157.032	157.366
Transportation and warehousing services for intermediate demand.....		ID6	32	156.200	155.931	157.152	157.300	159.006
Transportation of passengers for intermediate demand.....		ID6	321	134.148	133.581	136.685	135.999	139.230
Transportation of passengers for manufacturing industries.....		ID6	3211	134.260	133.679	136.842	136.145	139.439
Transportation of passengers for nonmanufacturing industries.....		ID6	3212	134.196	133.630	136.728	136.043	139.267
Transportation and warehousing of goods for intermediate demand.....		ID6	322	158.586	158.344	159.391	159.619	161.185
Transportation and warehousing of goods for manufacturing industries.....	12/12	ID6	3221	130.960	131.109	130.376	130.535	130.466
Transportation and warehousing of goods for nonmanufacturing industries.....	12/12	ID6	3222	141.903	141.585	142.987	143.199	144.996
Services less trade, transportation, and warehousing for intermediate demand.....		ID6	31	137.727	138.235	138.979	140.072	140.216
Services less trade, transportation, and warehousing for manufacturing industries.....		ID6	311	129.524	129.605	130.190	132.432	132.343
Services less trade, transportation, and warehousing for nonmanufacturing industries.....		ID6	312	137.987	138.510	139.260	140.312	140.464
Construction								
Construction for intermediate demand.....		ID6	4	145.905	145.959	145.988	146.594	147.025
Intermediate Demand by Commodity Type Special Groupings								
Processed materials less foods and feeds.....	00/82	ID6	9111	258.803	256.953	255.674	255.859	260.161
Processed foods and feeds.....	00/82	ID6	9112	244.997	243.830	244.066	240.098	240.865
Processed energy goods.....	00/82	ID6	9113	255.444	248.964	241.881	239.677	254.450
Processed materials less energy.....	00/82	ID6	9118	254.922	254.324	254.678	254.980	256.222
Processed materials less foods and energy.....	00/82	ID6	9115	255.709	255.186	255.554	256.406	257.707
Intermediate distributive services ⁶	04/10	ID6	9116	164.956	166.322	166.571	167.445	167.681
Processed goods plus intermediate distributive services.....	04/10	ID6	9117	146.714	146.373	145.989	146.146	147.792
Unprocessed materials less agricultural products.....	00/82	ID6	9211	278.925	270.041	256.348	266.227	271.621
Unprocessed energy materials ⁷	00/82	ID6	9212	215.161	203.622	187.393	199.407	206.490
Unprocessed materials less energy.....	00/82	ID6	9213	273.374	273.357	268.337	263.977	263.192
Unprocessed nonfood materials less energy ⁸	00/82	ID6	9216	431.979	434.886	436.808	428.770	420.413
Intermediate Demand by Production Flow								
Stage 4 Intermediate Demand								
Stage 4 intermediate demand.....		ID5	4	148.811	149.062	149.392	150.209	150.495
Inputs to stage 4 goods producers.....		ID5	41	145.679	146.152	145.969	146.480	146.265
Goods.....		ID5	411	138.718	138.513	138.386	138.526	138.623
Foods.....		ID5	4111	143.988	144.620	144.355	141.608	138.740
Energy.....		ID5	4112	161.768	150.872	142.760	139.965	140.030
Goods excluding foods and energy.....		ID5	4113	137.807	137.571	137.539	138.150	138.700
Services.....		ID5	412	168.850	171.580	171.212	172.955	171.696
Trade services.....		ID5	4123	180.697	184.445	183.797	185.982	184.183
Transportation and warehousing services.....		ID5	4122	136.358	136.652	136.392	136.818	136.789
Transportation of passengers.....		ID5	41221	134.281	133.700	136.865	136.168	139.464
Transportation and warehousing of goods.....		ID5	41222	145.795	146.280	145.330	146.005	145.321
Services less trade, transportation, and warehousing.....		ID5	4121	131.262	131.627	132.055	132.805	132.800
Inputs to stage 4 services producers.....		ID5	42	146.450	146.601	147.205	148.274	148.709

See footnotes at end of table.

Table 3. Producer price indexes for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued

[February 2024, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Oct. 2023	Nov. 2023 ^P	Dec. 2023 ^P	Jan. 2024 ^P	Feb. 2024 ^P
Goods.....		ID5	421	146.805	146.129	146.195	145.544	147.671
Foods.....		ID5	4211	149.311	147.717	148.416	146.508	147.884
Energy.....		ID5	4212	142.973	141.500	141.305	139.507	144.695
Goods excluding foods and energy.....		ID5	4213	147.404	147.484	147.505	147.921	148.468
Services.....		ID5	422	146.112	146.538	147.322	148.963	148.831
Trade services.....		ID5	4223	163.332	165.170	163.607	165.453	164.157
Transportation and warehousing services.....		ID5	4222	151.611	151.292	152.360	152.586	155.333
Transportation of passengers.....		ID5	42221	133.774	133.199	136.334	135.643	138.907
Transportation and warehousing of goods.....		ID5	42222	155.272	154.997	155.719	156.101	158.771
Services less trade, transportation, and warehousing.....		ID5	4221	142.652	143.003	144.002	145.756	145.449
Construction.....		ID5	423	145.905	145.959	145.988	146.594	147.025
Inputs to stage 4 construction producers.....		ID5	43	163.124	163.290	163.615	164.053	164.833
Goods.....		ID5	431	167.340	167.086	167.515	167.821	168.983
Energy.....		ID5	4312	155.575	150.065	148.906	145.494	154.233
Goods excluding foods and energy.....		ID5	4313	172.358	172.627	173.225	173.912	174.347
Services.....		ID5	432	152.269	153.478	153.545	154.308	154.123
Trade services.....		ID5	4323	170.898	173.992	174.803	176.613	176.402
Transportation and warehousing services.....		ID5	4322	147.697	147.626	145.773	145.799	145.947
Transportation of passengers.....		ID5	43221	139.977	139.372	142.666	141.940	145.370
Transportation and warehousing of goods.....		ID5	43222	148.668	148.608	146.622	146.666	146.737
Services less trade, transportation, and warehousing.....		ID5	4321	132.681	132.755	132.926	133.066	132.790
Stage 3 Intermediate Demand								
Stage 3 intermediate demand.....		ID5	3	146.377	146.093	145.528	145.981	147.608
Inputs to stage 3 goods producers.....		ID5	31	154.031	153.705	152.776	153.548	154.741
Goods.....		ID5	311	149.168	148.093	147.003	147.272	149.133
Foods.....		ID5	3111	162.687	160.139	155.698	153.710	157.457
Energy.....		ID5	3112	146.934	142.024	137.211	137.495	135.660
Goods excluding foods and energy.....		ID5	3113	147.707	147.457	147.988	149.230	150.561
Services.....		ID5	312	162.420	164.995	164.746	167.403	165.920
Trade services.....		ID5	3123	168.321	173.210	173.232	178.032	175.140
Transportation and warehousing services.....		ID5	3122	150.110	150.058	149.074	149.117	149.425
Transportation of passengers.....		ID5	31221	142.972	142.354	145.722	144.980	148.488
Transportation and warehousing of goods.....		ID5	31222	150.292	150.271	149.050	149.135	149.266
Services less trade, transportation, and warehousing.....		ID5	3121	135.657	135.634	135.956	136.482	136.177
Inputs to stage 3 services producers.....		ID5	32	139.540	139.269	138.956	139.185	141.142
Goods.....		ID5	321	131.055	127.835	122.168	121.764	129.387
Foods.....		ID5	3211	156.259	157.264	156.210	155.158	153.776
Energy.....		ID5	3212	134.255	128.935	119.630	118.727	131.117
Goods excluding foods and energy.....		ID5	3213	135.775	135.769	135.718	136.140	136.541
Services.....		ID5	322	141.601	142.103	143.196	143.586	144.070
Trade services.....		ID5	3223	199.799	200.620	201.483	198.585	201.291
Transportation and warehousing services.....		ID5	3222	163.381	162.808	165.362	165.515	167.942
Transportation of passengers.....		ID5	32221	104.295	104.355	104.589	104.458	104.616
Transportation and warehousing of goods.....		ID5	32222	163.888	163.311	165.878	166.032	168.471
Services less trade, transportation, and warehousing.....		ID5	3221	132.625	133.405	134.115	134.767	134.586
Construction.....		ID5	323	145.905	145.959	145.988	146.594	147.025
Inputs to stage 3 construction producers.....		ID5	33	141.557	142.238	142.393	142.377	142.463
Goods.....		ID5	331	133.499	133.509	133.803	134.161	134.756
Goods excluding foods and energy.....		ID5	3313	170.110	170.123	170.498	170.953	171.712
Services.....		ID5	332	169.931	171.505	171.514	171.051	170.538
Trade services.....		ID5	3323	175.023	176.777	176.721	176.106	175.599
Transportation and warehousing services.....		ID5	3322	115.812	116.528	117.228	117.829	117.047
Transportation and warehousing of goods.....		ID5	33222	122.244	122.999	123.739	124.373	123.547
Services less trade, transportation, and warehousing.....		ID5	3321	126.492	126.124	126.593	127.545	127.127
Stage 2 Intermediate Demand								
Stage 2 intermediate demand.....		ID5	2	136.889	135.628	133.957	135.262	136.416
Inputs to stage 2 goods producers.....		ID5	21	126.449	124.251	120.699	122.605	123.643
Goods.....		ID5	211	122.832	119.569	114.850	117.026	118.408
Foods.....		ID5	2111	158.143	159.015	155.447	148.124	139.679
Energy.....		ID5	2112	95.339	90.166	83.275	88.525	91.760
Goods excluding foods and energy.....		ID5	2113	142.449	142.050	141.610	140.354	140.762
Services.....		ID5	212	150.853	151.919	151.807	153.036	153.064
Trade services.....		ID5	2123	169.441	172.194	170.595	172.649	172.418
Transportation and warehousing services.....		ID5	2122	168.677	169.065	170.073	170.807	170.510
Transportation of passengers.....		ID5	21221	134.736	134.185	137.222	136.548	139.706
Transportation and warehousing of goods.....		ID5	21222	170.645	171.079	171.991	172.794	172.329
Services less trade, transportation, and warehousing.....		ID5	2121	137.071	137.051	137.520	138.496	139.149
Construction.....		ID5	213	145.905	145.959	145.988	146.594	147.025

See footnotes at end of table.

Table 3. Producer price indexes for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued

[February 2024, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Oct. 2023	Nov. 2023 ^P	Dec. 2023 ^P	Jan. 2024 ^P	Feb. 2024 ^P
Inputs to stage 2 services producers.....		ID5	22	145.060	145.002	145.713	146.232	147.490
Goods.....		ID5	221	144.735	144.217	143.691	143.257	144.530
Foods.....		ID5	2211	112.165	114.112	113.579	112.817	111.171
Energy.....		ID5	2212	155.647	151.535	147.003	147.104	159.553
Goods excluding foods and energy.....		ID5	2213	144.762	144.448	144.184	143.718	144.298
Services.....		ID5	222	144.659	144.655	145.532	146.164	147.435
Trade services.....		ID5	2223	192.281	190.104	192.770	186.564	187.978
Transportation and warehousing services.....		ID5	2222	143.168	142.741	149.098	148.697	151.958
Transportation of passengers.....		ID5	22221	134.711	134.133	137.286	136.590	139.872
Transportation and warehousing of goods.....		ID5	22222	145.288	144.886	151.858	151.509	154.779
Services less trade, transportation, and warehousing.....		ID5	2221	143.411	143.539	143.932	144.963	146.087
Construction.....		ID5	223	145.905	145.959	145.988	146.594	147.025
Stage 1 Intermediate Demand								
Stage 1 intermediate demand.....		ID5	1	145.783	145.642	145.387	145.851	146.826
Inputs to stage 1 goods producers.....		ID5	11	144.136	143.628	143.116	143.581	143.859
Goods.....		ID5	111	142.029	140.455	139.786	139.174	140.068
Foods.....		ID5	1111	143.855	142.442	140.970	135.555	130.495
Energy.....		ID5	1112	131.767	127.320	123.002	122.698	127.839
Goods excluding foods and energy.....		ID5	1113	147.835	146.885	147.216	147.330	148.235
Services.....		ID5	112	153.866	156.420	156.344	159.927	158.413
Trade services.....		ID5	1123	168.016	172.197	171.010	177.205	174.065
Transportation and warehousing services.....		ID5	1122	157.841	158.923	161.655	160.925	162.368
Transportation of passengers.....		ID5	11221	134.256	133.675	136.839	136.142	139.438
Transportation and warehousing of goods.....		ID5	11222	161.891	163.375	165.967	165.238	166.190
Services less trade, transportation, and warehousing.....		ID5	1121	110.411	110.779	111.660	112.098	112.375
Construction.....		ID5	113	145.905	145.959	145.988	146.594	147.025
Inputs to stage 1 services producers.....		ID5	12	145.452	145.465	145.450	145.979	147.289
Goods.....		ID5	121	147.097	145.847	144.177	143.891	147.586
Foods.....		ID5	1211	127.315	128.006	128.019	128.002	144.851
Energy.....		ID5	1212	158.486	154.432	148.541	146.796	157.983
Goods excluding foods and energy.....		ID5	1213	149.926	149.918	150.138	150.522	150.790
Services.....		ID5	122	144.090	144.634	145.316	146.185	146.483
Trade services.....		ID5	1223	176.781	178.194	179.358	177.723	178.311
Transportation and warehousing services.....		ID5	1222	143.978	143.606	144.578	144.462	146.908
Transportation of passengers.....		ID5	12221	134.176	133.595	136.757	136.061	139.354
Transportation and warehousing of goods.....		ID5	12222	164.535	164.233	164.154	164.332	166.594
Services less trade, transportation, and warehousing.....		ID5	1221	139.216	139.798	140.383	141.628	141.590
Construction.....		ID5	123	145.905	145.959	145.988	146.594	147.025
Inputs to stage 1 construction producers.....		ID5	13	163.500	163.663	162.977	163.170	164.613
Goods.....		ID5	131	164.767	164.432	163.572	164.018	166.044
Energy.....		ID5	1312	143.277	137.291	125.461	124.261	140.026
Goods excluding foods and energy.....		ID5	1313	170.048	170.389	170.840	171.492	171.891
Services.....		ID5	132	161.431	162.820	162.556	162.128	162.142
Trade services.....		ID5	1323	171.383	173.386	173.682	173.142	173.011
Transportation and warehousing services.....		ID5	1322	122.257	122.080	120.323	120.053	120.527
Transportation and warehousing of goods.....		ID5	13222	126.459	126.276	124.459	124.179	124.670
Services less trade, transportation, and warehousing.....		ID5	1321	139.193	139.325	139.990	141.155	140.317
Intermediate Demand by Production Flow Special Groupings								
Total goods inputs to stage 4 intermediate demand.....	04/10	ID5	9411	143.845	143.495	143.539	143.476	144.383
Total services inputs to stage 4 intermediate demand.....	04/10	ID5	9412	149.633	150.423	151.002	152.591	152.306
Total construction inputs to stage 4 intermediate demand.....	04/10	ID5	9413	144.696	144.750	144.779	145.380	145.807
Total foods inputs to stage 4 intermediate demand.....	04/10	ID5	9414	143.070	142.752	142.898	140.563	139.534
Total energy goods inputs to stage 4 intermediate demand.....	04/10	ID5	9415	133.620	131.385	130.818	128.901	134.021
Total goods less foods and energy inputs to stage 4 intermediate demand.....	04/10	ID5	9416	146.588	146.539	146.666	147.249	147.766
Total goods inputs to stage 3 intermediate demand.....	04/10	ID5	9311	137.304	135.774	133.641	133.734	136.891
Total services inputs to stage 3 intermediate demand.....	04/10	ID5	9312	144.212	145.058	145.914	146.662	146.813
Total construction inputs to stage 3 intermediate demand.....	04/10	ID5	9313	144.696	144.750	144.779	145.380	145.807
Total foods inputs to stage 3 intermediate demand.....	04/10	ID5	9314	144.752	142.511	138.584	136.822	140.117
Total energy goods inputs to stage 3 intermediate demand.....	04/10	ID5	9315	133.566	128.409	119.949	119.239	129.281
Total goods less foods and energy inputs to stage 3 intermediate demand.....	04/10	ID5	9316	140.032	139.834	140.252	141.302	142.426
Total goods inputs to stage 2 intermediate demand.....	04/10	ID5	9211	119.078	116.245	112.171	113.982	115.287
Total services inputs to stage 2 intermediate demand.....	04/10	ID5	9212	146.604	146.853	147.499	148.274	149.256
Total construction inputs to stage 2 intermediate demand.....	04/10	ID5	9213	144.696	144.750	144.779	145.380	145.807
Total foods inputs to stage 2 intermediate demand.....	04/10	ID5	9214	158.462	159.358	155.816	148.551	140.162
Total energy goods inputs to stage 2 intermediate demand.....	04/10	ID5	9215	94.021	88.967	82.247	87.329	90.599
Total goods less foods and energy inputs to stage 2 intermediate demand.....	04/10	ID5	9216	134.830	134.473	134.096	133.087	133.509
Total goods inputs to stage 1 intermediate demand.....	04/10	ID5	9111	131.110	129.993	129.073	128.784	130.582

See footnotes at end of table.

Table 3. Producer price indexes for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued

[February 2024, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Oct. 2023	Nov. 2023 ^p	Dec. 2023 ^p	Jan. 2024 ^p	Feb. 2024 ^p
Total services inputs to stage 1 intermediate demand.....	04/10	ID5	9112	146.148	147.089	147.576	148.821	148.789
Total construction inputs to stage 1 intermediate demand.....	04/10	ID5	9117	144.696	144.750	144.779	145.380	145.807
Total foods inputs to stage 1 intermediate demand.....	04/10	ID5	9114	134.902	133.622	132.272	127.305	123.054
Total energy goods inputs to stage 1 intermediate demand.....	04/10	ID5	9115	141.180	136.948	131.380	130.311	139.110
Total goods less foods and energy inputs to stage 1 intermediate demand.....	04/10	ID5	9116	126.884	126.557	126.824	127.080	127.581

¹ All indexes are subject to revision for 4 months after their originally scheduled publication to incorporate late reports and corrections by survey respondents. In addition, seasonally adjusted indexes are subject to change for up to 5 years due to the recalculation of seasonal factors published each January.

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

³ Trade indexes measure changes in margins received by wholesalers and retailers.

⁴ 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.

⁵ Distributive services include transportation, warehousing, and trade of goods.

⁶ Includes intermediate trade, transportation, and warehousing services.

⁷ Includes crude petroleum.

⁸ Excludes crude petroleum.

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"/" Data not available.