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PRODUCER PRICE INDEXES – MARCH 2022

The Producer Price Index for final demand increased 1.4 percent in March, seasonally adjusted, the U.S. Bureau of Labor Statistics reported today. This rise followed advances of 0.9 percent in February and 1.2 percent in January. (See table A.) On an unadjusted basis, final demand prices moved up 11.2 percent for the 12 months ended in March, the largest increase since 12-month data were first calculated in November 2010.

In March, the rise in the index for final demand was led by a 2.3-percent advance in prices for final demand goods. The index for final demand services increased 0.9 percent.

Prices for final demand less foods, energy, and trade services moved up 0.9 percent in March, the largest advance since rising 1.0 percent in January 2021. For the 12 months ended in March, the index for final demand less foods, energy, and trade services increased 7.0 percent.

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

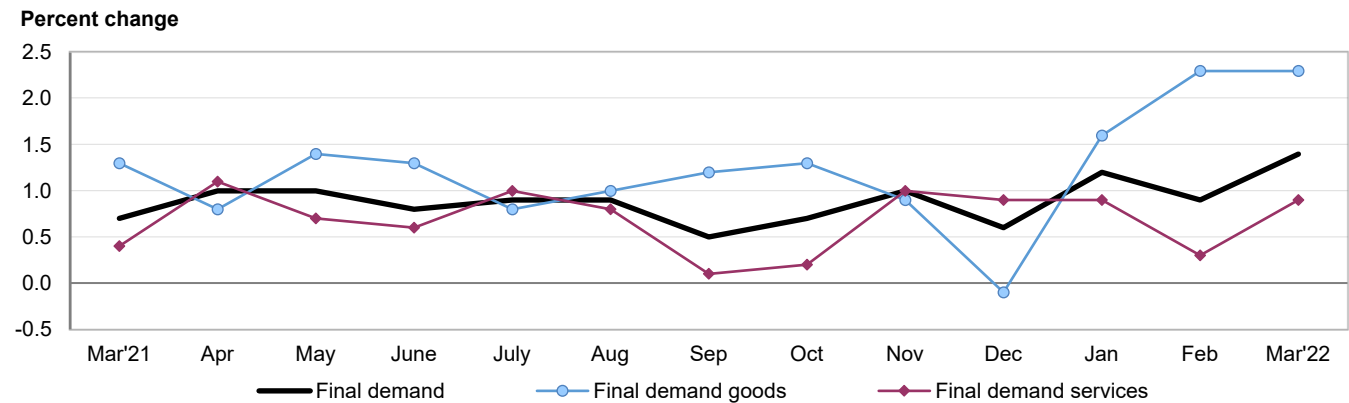
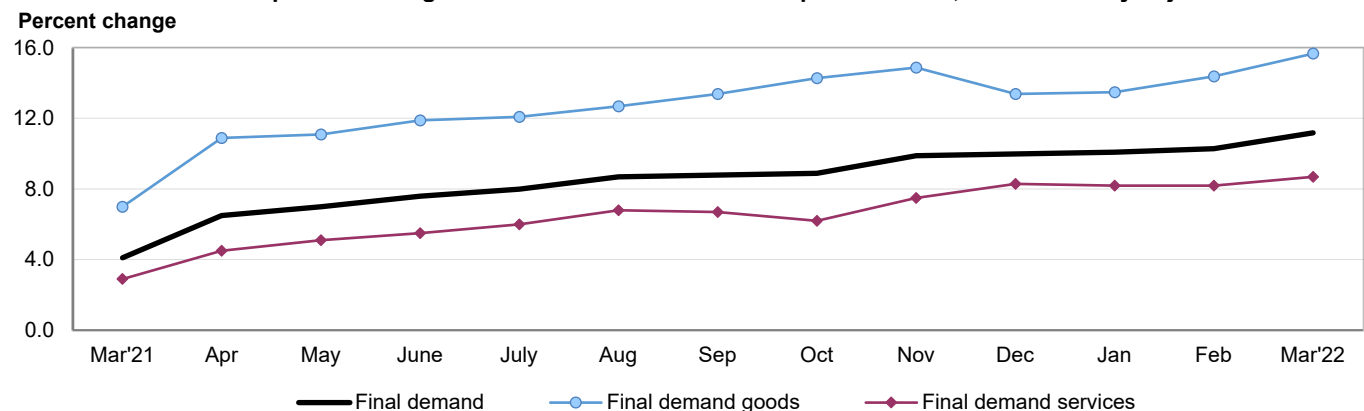


Chart 2. Twelve-month percent changes in selected PPI final demand price indexes, not seasonally adjusted



Final Demand

Final demand goods: The index for final demand goods rose 2.3 percent in March, the same as in February. Over half of the broad-based advance in March can be traced to a 5.7-percent jump in prices for final demand energy. The indexes for final demand goods less foods and energy and for final demand foods also moved higher, 1.1 percent and 2.4 percent, respectively.

Product detail: Leading the March increase in the index for final demand goods, diesel fuel prices jumped 20.4 percent. The indexes for gasoline, fresh and dry vegetables, jet fuel, iron and steel scrap, and electric power also moved higher. In contrast, prices for beef and veal fell 7.3 percent. The indexes for natural gas and for cold rolled steel sheet and strip also declined. (See table 2.)

Final demand services: Prices for final demand services moved up 0.9 percent in March following a 0.3-percent increase in February. Over 40 percent of the March advance can be traced to a 1.2-percent rise in margins for final demand trade services. (Trade indexes measure changes in margins received by wholesalers and retailers.) Prices for final demand transportation and warehousing services and for final demand services less trade, transportation, and warehousing also moved higher, climbing 5.5 percent and 0.3 percent, respectively.

Product detail: A 22.7-percent jump in margins for fuels and lubricants retailing was a major factor in the March advance in prices for final demand services. The indexes for truck transportation of freight; traveler accommodation services; airline passenger services; inpatient care; and hardware, building materials, and supplies retailing also increased. Conversely, prices for securities brokerage, dealing, and investment advice decreased 5.4 percent. The indexes for portfolio management and for automobile retailing (partial) also moved lower.

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		
2021												
Mar...	0.7	0.6	1.3	0.6	3.8	0.9	0.4	0.2	1.3	0.5	4.1	3.1
Apr....	1.0	0.8	0.8	1.4	-0.3	1.0	1.1	2.1	3.1	0.3	6.5	4.8
May...	1.0	0.5	1.4	2.5	1.5	1.1	0.7	1.8	0.2	0.2	7.0	5.3
June...	0.8	0.6	1.3	0.8	2.9	1.0	0.6	0.8	1.4	0.4	7.6	5.6
July...	0.9	0.7	0.8	-0.9	2.2	0.8	1.0	1.7	2.5	0.5	8.0	6.0
Aug....	0.9	0.4	1.0	2.1	1.3	0.6	0.8	2.1	0.8	0.2	8.7	6.2
Sept...	0.5	0.3	1.2	2.1	2.5	0.6	0.1	0.0	-1.0	0.3	8.8	6.1
Oct....	0.7	0.4	1.3	-0.1	5.0	0.7	0.2	0.5	1.1	-0.1	8.9	6.2
Nov. ¹ ..	1.0	0.8	0.9	1.3	0.9	0.8	1.0	1.3	2.8	0.6	9.9	7.0
Dec. ¹ ..	0.6	0.4	-0.1	-0.2	-1.4	0.4	0.9	1.9	1.5	0.3	10.0	7.0
2022												
Jan. ¹ ..	1.2	0.8	1.6	1.8	4.1	0.8	0.9	1.4	0.0	0.8	10.1	6.9
Feb. ¹ ..	0.9	0.2	2.3	2.1	7.5	0.8	0.3	1.1	1.6	-0.3	10.3	6.7
Mar...	1.4	0.9	2.3	2.4	5.7	1.1	0.9	1.2	5.5	0.3	11.2	7.0

¹ Some of the figures shown above and elsewhere in this release may differ from those previously reported because data for November 2021 through February 2022 have been revised to reflect the availability of late reports and corrections by respondents.

Intermediate Demand by Commodity Type

Within intermediate demand in March, prices for processed goods rose 2.1 percent, the index for unprocessed goods declined 1.4 percent, and prices for services advanced 0.6 percent. (See tables B and C.)

Processed goods for intermediate demand: The index for processed goods for intermediate demand increased 2.1 percent in March after rising 1.5 percent in February. Over 60 percent of the broad-based advance in March can be attributed to prices for processed energy goods, which moved up 6.4 percent. The indexes for processed materials less foods and energy and for processed foods and feeds also increased, 0.8 percent and 2.0 percent, respectively. For the 12 months ended in March, prices for processed goods for intermediate demand jumped 21.7 percent.

Product detail: A major factor in the March increase in prices for processed goods for intermediate demand was the index for jet fuel, which jumped 23.0 percent. Prices for diesel fuel, industrial chemicals, nonferrous metals, gasoline, and prepared animal feeds also advanced. In contrast, the index for utility natural gas fell 8.6 percent. Prices for cold rolled steel sheet and strip and for beef and veal also declined.

Unprocessed goods for intermediate demand: Prices for unprocessed goods for intermediate demand decreased 1.4 percent in March after increasing 13.0 percent in February. The decline in March can be traced to the index for unprocessed energy materials, which fell 11.2 percent. Conversely, prices for unprocessed nonfood materials less energy and for unprocessed foodstuffs and feedstuffs moved higher, 9.5 percent and 5.2 percent, respectively. For the 12 months ended in March, the index for unprocessed goods for intermediate demand jumped 40.8 percent.

Product detail: Leading the March decline in the index for unprocessed goods for intermediate demand, natural gas prices dropped 30.1 percent. The indexes for raw milk, slaughter barrows and gilts, slaughter steers and heifers, hides and skins, and raw cotton also moved lower. In contrast, prices for iron and steel scrap jumped 27.6 percent. The indexes for crude petroleum and for corn also increased.

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.)
2021										
Mar.....	3.4	1.4	7.3	2.7	12.4	-4.0	1.8	-13.4	1.9	34.8
Apr.....	2.1	2.4	-1.8	3.0	18.7	0.8	5.6	-4.9	1.9	59.2
May.....	2.8	2.6	3.3	2.7	22.3	7.9	6.8	8.3	8.8	57.8
June.....	1.7	1.6	0.8	2.0	23.0	2.1	-0.5	5.6	1.0	52.9
July.....	1.6	-0.6	3.4	1.4	23.1	3.2	-1.0	9.7	0.6	56.0
Aug.....	1.0	1.5	0.0	1.1	23.0	1.4	3.0	0.2	1.4	52.5
Sept.....	1.2	1.5	2.1	0.9	23.8	2.8	0.8	8.0	-1.8	48.5
Oct.....	2.4	-0.4	6.7	1.6	25.7	6.0	-2.2	17.7	-1.5	55.5
Nov. ¹	1.5	0.1	2.5	1.4	26.6	2.3	1.3	2.3	3.4	49.6
Dec. ¹	-0.1	0.1	-2.7	0.6	24.4	-4.9	3.8	-12.3	-1.8	39.9
2022										
Jan. ¹	2.1	2.6	4.6	1.4	24.7	2.7	2.7	4.2	-0.3	35.8
Feb. ¹	1.5	2.2	5.9	0.3	23.3	13.0	5.6	25.8	1.4	36.8
Mar.....	2.1	2.0	6.4	0.8	21.7	-1.4	5.2	-11.2	9.5	40.8

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Services for intermediate demand: The index for services for intermediate demand increased 0.6 percent in March after no change in February. Seventy percent of the March advance can be attributed to a 1.9-percent rise in margins for trade services for intermediate demand. The index for transportation and warehousing services for intermediate demand moved up 2.0 percent. Conversely, prices for services less trade, transportation, and warehousing for intermediate demand edged down 0.1 percent. For the 12 months ended in March, the index for services for intermediate demand jumped 7.4 percent.

Product detail: A major factor in the March increase in prices for services for intermediate demand was a 6.7-percent jump in margins for paper and plastics products wholesaling. The indexes for truck transportation of freight; fuels and lubricants retailing; hardware, building materials, and supplies retailing; airline passenger services; and traveler accommodation services also moved higher. In contrast, prices for securities brokerage, dealing, and investment advice fell 5.4 percent. The indexes for chemicals and allied products wholesaling and for arrangement of freight and cargo transportation 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	
2021					
Mar.....	0.6	1.2	0.9	0.5	4.3
Apr.....	1.3	2.5	2.2	0.6	7.3
May.....	0.6	2.2	0.8	0.1	8.4
June.....	1.2	2.5	2.0	0.6	9.3
July.....	0.6	1.1	0.7	0.4	9.5
Aug.....	0.4	1.9	0.8	-0.2	9.0
Sept.....	0.3	-1.2	2.5	0.4	8.2
Oct.....	0.0	0.6	0.5	-0.3	7.4
Nov. ¹	0.6	-0.6	1.0	0.9	8.1
Dec. ¹	0.8	1.4	1.5	0.5	8.3
2022					
Jan. ¹	0.8	1.4	0.6	0.6	7.9
Feb. ¹	0.0	0.7	0.3	-0.3	7.5
Mar.....	0.6	1.9	2.0	-0.1	7.4

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Intermediate Demand by Production Flow

Stage 4 intermediate demand: Prices for stage 4 intermediate demand advanced 0.8 percent in March following a 0.5-percent rise in February. In March, the index for total goods inputs to stage 4 intermediate demand increased 1.4 percent, and prices for total services inputs moved up 0.2 percent. Advances in the indexes for diesel fuel, grains, paper and plastics products wholesaling, truck transportation of freight, nonferrous metals, and gasoline outweighed decreases in prices for securities brokerage, dealing, and investment advice; utility natural gas; and portfolio management. For the 12 months ended in March, the index for stage 4 intermediate demand jumped 11.8 percent.

Stage 3 intermediate demand: The index for stage 3 intermediate demand rose 2.3 percent in March, the largest increase since advancing 2.4 percent in May 2021. In March, prices for total goods inputs to stage 3 intermediate demand moved up 3.6 percent, and the index for total services inputs rose 0.8 percent. Advances in prices for diesel fuel, slaughter poultry, grains, jet fuel, truck transportation of freight, and industrial chemicals outweighed decreases in the indexes for raw milk, cold rolled steel sheet and strip, and deposit services (partial). For the 12 months ended in March, prices for stage 3 intermediate demand jumped 19.0 percent.

Stage 2 intermediate demand: The index for stage 2 intermediate demand moved down 1.2 percent in March after increasing 5.6 percent in February. In March, prices for total goods inputs to stage 2 intermediate demand declined 3.1 percent. Conversely, the index for total services inputs rose 0.8 percent. Falling prices for natural gas; deposit services (partial); utility natural gas; cold rolled steel sheet and strip; securities brokerage, dealing, and investment advice; and arrangement of freight and cargo transportation outweighed advances in the indexes for fuels and lubricants retailing, crude petroleum, and iron and steel scrap. For the 12 months ended in March, prices for stage 2 intermediate demand jumped 20.5 percent.

Stage 1 intermediate demand: The index for stage 1 intermediate demand increased 2.1 percent in March, the largest rise since advancing 2.6 percent in May 2021. In March, prices for total goods inputs to stage 1 intermediate demand moved up 3.0 percent, and the index for total services inputs climbed 1.1 percent. Advances in the indexes for diesel fuel; grains; iron and steel scrap; traveler accommodation services; industrial chemicals; and hardware, building materials, and supplies retailing outweighed decreasing prices for utility natural gas; securities brokerage, dealing, and investment advice; and cold rolled steel sheet and strip. For the 12 months ended in March, the index for stage 1 intermediate demand jumped 16.4 percent.

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

Month	Stage 4 intermediate demand			Stage 3 intermediate demand			Stage 2 intermediate demand			Stage 1 intermediate demand		
	Total	Goods inputs	Services inputs	Total	Goods inputs	Services inputs	Total	Goods inputs	Services inputs	Total	Goods inputs	Services inputs
2021												
Mar.....	1.4	1.9	0.7	2.4	4.4	0.6	-1.5	-3.9	0.6	2.2	3.7	0.9
Apr.....	1.4	1.7	1.2	2.7	4.3	1.3	0.4	-0.5	1.2	1.7	1.9	1.6
May.....	1.2	2.2	0.5	2.4	3.8	0.9	3.0	6.3	0.3	2.6	3.9	1.3
June.....	1.3	1.5	1.1	1.6	1.8	1.3	2.1	3.1	1.2	1.5	1.6	1.5
July.....	1.0	1.0	1.0	1.0	1.6	0.4	2.3	4.3	0.6	1.4	2.1	0.8
Aug.....	0.7	0.9	0.6	1.0	1.6	0.4	0.7	0.9	0.5	0.8	1.3	0.5
Sept.....	0.4	0.8	0.1	1.1	1.2	1.0	2.2	3.6	0.9	0.2	0.7	-0.3
Oct.....	0.6	1.3	0.0	1.0	1.9	0.2	3.7	7.9	-0.1	1.1	2.5	-0.3
Nov. ¹	1.1	1.5	0.7	0.8	1.2	0.4	1.2	1.7	0.7	1.3	2.0	0.5
Dec. ¹	0.7	0.6	0.8	0.8	0.7	0.8	-2.2	-5.7	1.2	0.4	0.0	0.8
2022												
Jan. ¹	1.5	2.0	1.1	1.7	2.6	0.7	1.3	2.5	0.1	1.3	1.7	0.9
Feb. ¹	0.5	1.2	-0.3	1.4	2.6	0.0	5.6	11.4	0.1	0.9	1.6	0.0
Mar.....	0.8	1.4	0.2	2.3	3.6	0.8	-1.2	-3.1	0.8	2.1	3.0	1.1

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The Producer Price Index for April 2022 is scheduled to be released on Thursday, May 12, 2022, at 8:30 a.m. (ET).

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 2018, the PPI covered 71 percent of services as measured by 2012 Census revenue, and 31 percent of construction.

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

Final Demand–Intermediate Demand Indexes

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

Compared with finished goods under the SOP system, the PPI for final demand goods includes nearly a 50 percent expansion of coverage. This increase can be traced to the addition of government purchases and exports. For overall final demand, expansion to include final demand services represents an even larger increase in coverage. In December 2017, final demand goods were about 33 percent of overall final demand, final demand services were roughly 65.5 percent, and final demand construction was about 1.5 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).

Price data are provided on a voluntary and confidential basis; only sworn BLS employees are allowed access to individual company price reports. BLS publishes price indexes instead of actual prices. All PPIs are subject to 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 and the *PPI Detailed Report* that announces their introduction

Title	Code	<i>PPI Detailed Report Issue</i>
	SIC	
Wireless telecommunications	4812	July 1999
Telephone communications, except radio telephone	4813	July 1995
Television broadcasting	4833	July 2002
Grocery stores	5411	July 2000
Meat and fish (seafood) markets	5421	July 2000
Fruit and vegetable markets	5431	July 2000
Candy, nut, and confectionery stores ...	5441	July 2000
Retail bakeries	5461	July 2000
Miscellaneous food stores	5499	July 2000

Title	Code	PPI Detailed Report Issue
SIC		
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
Internet service providers	518111	July 2005
Internet publishing and web search portals	519130	January 2010
Commercial banking	522110	January 2005
Savings institutions	522120	January 2005
Direct health and medical insurance carriers	524114	July 2004
Construction, mining, and forestry machinery and equipment rental and leasing	532412	January 2005

Title	Code	PPI Detailed Report Issue
NAICS		
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 2012 values of shipments as reported in the *Census of Manufactures* and other sources. From January 2012 to December 2017, PPI weights were derived from 2007 shipment values. Industry indexes now are calculated under the 2017 NAICS structure utilizing 2012 value of shipment weights and 2007 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 <https://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 Persian Gulf War. In this case, intervention techniques allowed for better estimates of seasonally adjusted data. On the whole, very few series have required intervention. Out of almost 400 seasonally adjusted series, only 42 were subject to intervention in 2018.

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

Producer Price Index Data on the Internet

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

Report. There were more than 4 million instances of PPI data and tables being downloaded from the BLS website during the 12 months ended December 31, 2017.

Retrieving PPI data from the PPI Web site

PPI data can be obtained from the WWW address (<https://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 <https://download.bls.gov/> or directly from links on the “PPI Databases” page or the PPI homepage. Data and documentation available for download include the following:

Directory:

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

Additional information

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

For questions or comments regarding PPI data classification, methodology, or data availability on the Internet, call or e-mail the Section of Index Analysis and Public Information at (202) 691-7705 or ppi-info@bls.gov. 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
[March 2022]

Grouping	Commodity code		Relative Importance Dec. 2021 ¹	Unadjusted 12-month percent change ² Mar. 2021 to Mar. 2022 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P	Feb. to Mar. ^P
Final Demand									
Final demand.....	FD	4	100.000	11.2	1.0	0.6	1.2	0.9	1.4
Final demand goods.....	FD	41	33.284	15.7	0.9	-0.1	1.6	2.3	2.3
Final demand foods.....	FD	411	5.743	16.2	1.3	-0.2	1.8	2.1	2.4
Finished consumer foods ³	FD	4111	4.430	15.6	1.3	-0.3	1.6	1.8	2.1
Finished consumer foods, crude.....	FD	41113	0.461	39.2	10.0	-3.8	-5.2	1.8	13.5
Finished consumer foods, processed.....	FD	41112	3.969	13.2	0.4	0.2	2.4	1.8	0.8
Government purchased foods.....	FD	4112	0.406	15.5	0.6	-0.1	2.6	2.3	0.4
Foods for export.....	FD	4113	0.907	19.6	1.3	-0.1	2.2	3.3	4.7
Final demand energy.....	FD	412	5.998	36.7	0.9	-1.4	4.1	7.5	5.7
Finished consumer energy goods ³	FD	4121	4.795	33.7	0.8	-0.9	3.3	7.0	4.2
Government purchased energy.....	FD	4122	0.838	46.4	0.9	-3.1	6.8	8.3	11.8
Energy for export.....	FD	4123	0.365	55.2	1.2	-4.1	8.4	12.1	11.0
Final demand goods less foods and energy.....	FD	413	21.543	10.0	0.8	0.4	0.8	0.8	1.1
Finished goods less foods and energy ³	FD	4131	12.154	8.2	0.6	0.6	0.9	1.0	0.8
Finished consumer goods less foods and energy.....	FD	41311	6.483	7.7	0.6	0.6	0.7	1.0	0.7
Nondurable consumer goods less foods and energy.....	FD	413111	4.078	7.0	0.7	0.7	0.6	1.0	0.5
Durable consumer goods.....	FD	413112	2.405	8.9	0.5	0.4	0.9	0.9	1.0
Private capital equipment.....	FD	41312	5.671	8.7	0.6	0.5	1.0	1.0	0.9
Private capital equipment for manufacturing industries.....	FD	413121	1.263	12.1	0.6	0.7	1.4	1.4	1.3
Private capital equipment for nonmanufacturing industries.....	FD	413122	4.408	7.8	0.5	0.5	0.9	0.9	0.7
Government purchased goods, excluding foods and energy.....	FD	4132	2.280	10.6	0.9	0.6	1.1	0.8	1.3
Government purchased goods excluding foods, energy, and capital equipment.....	FD	41321	1.357	14.4	1.3	0.7	1.5	1.2	1.3
Government purchased capital equipment.....	FD	41322	0.923	5.5	0.3	0.5	0.6	0.2	1.3
Goods for export, excluding foods and energy.....	FD	4133	7.109	13.0	1.2	0.0	0.6	0.5	1.7
Final demand services.....	FD	42	64.964	8.7	1.0	0.9	0.9	0.3	0.9
Final demand trade services ⁴	FD	423	20.219	17.1	1.3	1.9	1.4	1.1	1.2
Trade of finished goods ³	FD	4231	17.344	17.4	1.4	1.9	1.4	1.2	1.3
Trade of personal consumption goods.....	FD	42311	14.139	16.2	1.2	1.7	1.1	1.1	1.7
Trade of private capital equipment.....	FD	42312	3.205	22.6	2.3	2.6	2.7	1.6	0.0
Trade of government purchased goods.....	FD	4232	0.758	17.1	1.6	1.6	1.9	1.2	0.9
Trade of government purchased goods, excluding capital equipment.....	FD	42321	0.476	14.3	0.6	0.9	1.4	0.7	1.5
Trade of government purchased capital equipment.....	FD	42322	0.282	22.0	3.3	2.9	2.6	1.9	-0.1
Trade of exports.....	FD	4233	2.117	15.2	1.0	2.0	1.2	0.8	0.4
Final demand transportation and warehousing services.....	FD	422	4.383	21.0	2.8	1.5	0.0	1.6	5.5
Transportation of passengers for final demand.....	FD	4221	1.096	23.2	5.3	3.9	-4.8	3.3	6.8
Transportation of private passengers.....	FD	42211	0.740	23.2	5.2	3.9	-4.8	3.3	6.8
Transportation of government passengers.....	FD	42212	0.089	22.8	5.2	3.8	-4.7	3.3	6.7
Transportation of passengers for export.....	FD	42213	0.267	23.5	5.3	4.0	-4.8	3.4	6.9
Transportation and warehousing of goods for final demand.....	FD	4222	3.287	20.3	2.0	0.7	1.6	1.0	5.1
Transportation and warehousing of finished goods ³	FD	42221	2.162	20.9	2.0	0.7	1.5	1.1	5.3
Transportation and warehousing of personal consumption goods.....	FD	422211	1.735	20.6	2.0	0.7	1.5	1.0	5.2
Transportation and warehousing of private capital equipment.....	FD	422212	0.427	22.1	2.2	0.8	1.6	1.2	5.6
Transportation and warehousing of government purchased goods.....	FD	42222	0.198	18.2	1.6	0.9	1.5	0.4	4.3
Transportation and warehousing of exports.....	FD	42223	0.927	19.3	1.9	0.7	1.8	1.2	4.7
Final demand services less trade, transportation, and warehousing.....	FD	421	40.362	3.6	0.6	0.3	0.8	-0.3	0.3
Finished services less trade, transportation, and warehousing ³	FD	4211	35.383	3.8	0.6	0.3	0.8	-0.3	0.3
Finished consumer services less trade, transportation, and warehousing.....	FD	42111	31.725	3.3	0.7	0.3	0.6	-0.3	0.3
Private capital investment services less trade, transportation, and warehousing.....	FD	42112	3.658	8.4	0.1	0.7	2.1	0.0	0.8
Government purchased services less trade, transportation, and warehousing.....	FD	4212	2.491	2.9	0.6	0.3	0.8	-0.3	-0.2
Gov. purchased services less trade, transportation, and warehousing, excl. capital investment.....	FD	42121	2.385	2.9	0.6	0.3	0.8	-0.2	-0.2
Government purchased capital investment services less trade, transportation, and warehousing.....	FD	42122	0.106	2.1	-0.2	0.2	0.1	-1.2	1.1
Services for export less trade, transportation, and warehousing.....	FD	4213	2.488	2.1	1.1	0.1	0.9	-0.8	-0.6
Final demand construction.....	FD	43	1.749	16.7	0.3	0.3	3.6	0.5	0.6
Construction for private capital investment.....	FD	431	1.139	18.2	0.4	0.3	3.9	0.6	0.6
Construction for government.....	FD	432	0.610	14.1	0.3	0.1	3.0	0.4	0.6
Special Groupings of Final Demand									
Final demand less exports.....	FD	49101	85.820	10.8	0.9	0.6	1.2	0.9	1.3
Final demand less government.....	FD	49102	92.330	11.0	1.0	0.6	1.1	0.9	1.3

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[March 2022]

Grouping	Commodity code		Relative Importance Dec. 2021 ¹	Unadjusted 12-month percent change ² Mar. 2021 to Mar. 2022 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P	Feb. to Mar. ^P
Final demand less foods, food and nonalcoholic beverages for immediate consumption, and energy ⁵	FD	49103	87.753	9.3	1.0	0.8	0.9	0.4	1.0
Final demand less foods and energy ⁵	FD	49104	88.259	9.2	0.9	0.7	0.9	0.4	1.0
Final demand less foods and food and nonalcoholic beverages for immediate consumption ⁵	FD	49105	93.751	11.1	1.0	0.6	1.1	0.9	1.3
Final demand less foods ⁵	FD	49106	94.257	10.9	0.9	0.6	1.1	0.9	1.3
Final demand less energy.....	FD	49107	94.002	9.6	1.0	0.7	1.0	0.5	1.1
Final demand less trade services.....	FD	49108	79.781	9.8	0.9	0.2	1.1	0.9	1.4
Final demand less distributive services ⁶	FD	49109	76.494	9.3	0.8	0.2	1.1	0.9	1.3
Final demand goods less energy.....	FD	49111	27.286	11.3	0.9	0.3	1.0	1.1	1.4
Final demand goods less foods.....	FD	49112	27.541	15.6	0.8	0.0	1.5	2.3	2.3
Final demand services less trade services.....	FD	49113	44.745	5.2	0.8	0.4	0.7	-0.2	0.8
Final demand distributive services ⁶	FD	49114	23.506	17.5	1.4	1.7	1.4	1.1	1.8
Final demand goods plus final demand distributive services ⁶	FD	49115	56.790	16.4	1.1	0.7	1.5	1.8	2.1
Final demand less foods, energy, and trade services ⁵	FD	49116	68.040	7.0	0.8	0.4	0.8	0.2	0.9
Private and government purchased capital equipment.....	FD	49117	6.594	8.2	0.5	0.5	1.0	0.9	0.9
Private and government purchased capital investment services.....	FD	49118	7.678	15.2	1.2	1.6	2.3	0.8	0.7
Total private and government purchased capital investment.....	FD	49119	14.272	12.4	0.8	1.0	1.9	0.8	0.8
Total finished ³	FD	49201	78.147	10.6	0.9	0.6	1.1	0.9	1.2
Total finished less foods, food and nonalcoholic beverages for immediate consumption, and energy ^{3, 5}	FD	49202	68.421	8.8	0.9	0.8	1.0	0.4	0.9
Total finished less foods and energy ^{3, 5}	FD	49203	68.922	8.8	0.9	0.8	1.0	0.4	0.9
Total finished less foods and food and nonalcoholic beverages for immediate consumption ⁵	FD	49204	73.216	10.4	0.9	0.7	1.1	0.9	1.2
Total finished less foods ^{3, 5}	FD	49205	73.717	10.3	0.9	0.7	1.1	0.8	1.2
Total finished less energy ³	FD	49206	73.352	9.2	0.9	0.7	1.0	0.5	1.0
Finished goods ³	FD	49207	21.379	15.2	0.8	0.0	1.6	2.6	1.9
Finished goods less energy ³	FD	49208	16.584	10.1	0.8	0.3	1.1	1.2	1.1
Finished goods, excluding foods ^{3, 5}	FD	49209	16.949	15.1	0.7	0.1	1.6	2.8	1.8
Finished services ³	FD	49210	55.629	8.6	1.0	0.9	0.9	0.3	0.9
Private capital investment services.....	FD	49211	7.290	15.1	1.2	1.6	2.3	0.8	0.7
Finished distributive services ^{3, 6}	FD	49212	19.506	17.8	1.4	1.8	1.4	1.2	1.8
Finished services less trade services ³	FD	49213	38.285	5.0	0.8	0.4	0.7	-0.2	0.8
Finished services less distributive services ^{3, 6}	FD	49214	36.123	4.1	0.7	0.4	0.6	-0.2	0.5
Total private capital investment (goods, services, and construction).....	FD	49215	14.100	12.7	0.9	1.1	1.9	0.9	0.8
Finished goods plus finished distributive services ^{3, 6}	FD	49216	40.885	16.4	1.1	0.9	1.5	1.9	1.8
Total exports.....	FD	49301	14.180	13.3	1.3	0.3	1.0	0.9	1.9
Goods for export.....	FD	49302	8.381	15.5	1.2	-0.2	1.1	1.3	2.5
Services for export.....	FD	49303	5.799	10.3	1.4	1.1	0.9	0.2	1.0
Total government purchases.....	FD	49401	7.670	13.1	0.9	0.1	1.9	1.4	2.1
Government purchased goods.....	FD	49402	3.524	19.4	0.8	-0.4	2.7	2.8	4.0
Government purchased services.....	FD	49403	3.536	7.0	1.0	0.7	0.9	0.2	0.5
Total government purchased capital investment (goods, services, construction).....	FD	49404	1.921	10.2	0.7	0.7	1.6	0.5	0.9
Personal consumption.....	FD	49501	64.047	10.1	0.9	0.5	1.0	0.9	1.3
Personal consumption goods (finished consumer goods).....	FD	49502	15.708	17.7	0.9	-0.1	1.8	3.1	2.2
Personal consumption goods less energy.....	FD	49503	10.913	10.8	0.9	0.2	1.1	1.3	1.3
Personal consumption goods less foods.....	FD	49504	11.278	18.4	0.7	-0.1	1.8	3.6	2.3
Personal consumption nondurable goods less foods.....	FD	49508	8.873	21.0	0.8	-0.2	2.1	4.3	2.6
Personal consumption services.....	FD	49505	48.339	7.7	0.9	0.8	0.7	0.2	1.0
Personal consumption less trade services.....	FD	49506	49.908	8.5	0.8	0.2	0.9	0.9	1.2
Personal consumption less distributive services ⁶	FD	49507	48.173	8.0	0.8	0.2	0.9	0.9	1.1
Personal consumption less foods and energy.....	FD	49510	54.822	7.7	0.9	0.7	0.7	0.3	0.9
Personal consumption less foods, energy, and trade services ⁴	FD	49511	40.683	5.0	0.8	0.4	0.6	0.0	0.7
Personal consumption less foods, energy, and distributive services ⁶	FD	49512	38.948	4.4	0.7	0.4	0.5	-0.1	0.5
Personal consumption goods plus personal consumption distributive services ⁶	FD	49509	31.582	17.1	1.1	0.7	1.5	2.1	2.1
Intermediate Demand by Commodity Type									
Processed goods									
Processed goods for intermediate demand.....	ID6	1	100.000	21.7	1.5	-0.1	2.1	1.5	2.1
Materials and components for manufacturing.....	ID6	11	46.096	19.7	1.2	0.3	1.1	-0.2	0.8
Materials for manufacturing.....	ID6	111	30.586	24.2	1.4	0.0	1.0	-0.7	0.8
Materials for food manufacturing.....	ID6	1111	4.053	19.2	0.3	0.2	2.7	2.3	2.1
Materials for nondurable manufacturing.....	ID6	1112	13.367	21.7	1.4	-0.5	0.4	1.3	2.0
Materials for durable manufacturing.....	ID6	1113	13.166	28.9	1.8	0.5	1.2	-3.5	-1.0
Components for manufacturing.....	ID6	112	15.510	11.9	0.8	0.8	1.2	0.6	0.8
Components for nondurable manufacturing.....	ID6	1121	8.006	20.5	1.6	1.2	1.5	0.7	1.5
Components for durable manufacturing.....	ID6	1122	14.704	11.5	0.8	0.8	1.2	0.6	0.8

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[March 2022]

Grouping	Commodity code		Relative Importance Dec. 2021 ¹	Unadjusted 12-month percent change ² Mar. 2021 to Mar. 2022 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P	Feb. to Mar. ^P
Materials and components for construction.....	ID6	12	9.003	23.2	1.9	1.9	3.1	1.7	1.5
Materials for construction.....	ID6	121	3.829	18.2	1.5	2.4	5.1	2.4	1.8
Components for construction.....	ID6	122	5.174	27.5	2.1	1.6	1.7	1.2	1.3
Processed fuels and lubricants for intermediate demand.....	ID6	13	18.697	35.5	2.5	-2.7	4.6	5.9	6.4
Processed fuels and lubricants to manufacturing industries.....	ID6	131	4.640	26.4	0.1	-0.8	3.8	5.1	5.4
Processed fuels and lubricants to nonmanufacturing industries.....	ID6	132	14.057	38.7	3.3	-3.4	4.9	6.2	6.7
Containers for intermediate demand.....	ID6	14	2.781	18.7	0.9	1.0	3.4	1.8	0.1
Supplies for intermediate demand.....	ID6	15	23.422	14.6	1.1	0.6	1.6	1.1	1.2
Supplies to manufacturing industries.....	ID6	151	3.215	17.1	1.3	0.4	1.2	1.0	1.2
Supplies to nonmanufacturing industries.....	ID6	152	20.207	14.3	1.0	0.7	1.7	1.1	1.1
Supplies to nonmanufacturing industries, feeds.....	ID6	1521	1.713	13.7	-0.4	-0.4	2.4	2.4	3.1
Supplies to nonmanufacturing industries, other than feeds.....	ID6	1522	18.494	14.3	1.2	0.8	1.6	1.0	1.0
Unprocessed goods									
Unprocessed goods for intermediate demand.....	ID6	2	100.000	40.8	2.3	-4.9	2.7	13.0	-1.4
Unprocessed foodstuffs and feedstuffs.....	ID6	21	32.314	35.2	1.3	3.8	2.7	5.6	5.2
Unprocessed nonfood materials.....	ID6	22	67.685	44.2	2.7	-8.6	2.7	16.6	-4.3
Unprocessed nonfood materials except fuel.....	ID6	221	44.356	39.4	2.2	-6.1	6.3	6.5	8.3
Unprocessed nonfood materials except fuel to manufacturing industries.....	ID6	2211	42.325	41.0	2.3	-6.4	6.5	6.8	8.6
Unprocessed nonfood materials except fuel to nonmanufacturing industries.....	ID6	2212	2.031	7.7	0.6	0.0	2.6	1.0	0.9
Unprocessed fuel.....	ID6	222	23.329	57.7	3.5	-13.3	-4.4	39.1	-25.5
Unprocessed fuel to manufacturing industries.....	ID6	2221	1.185	42.9	2.2	-6.3	10.4	15.3	-5.8
Unprocessed fuel to nonmanufacturing industries.....	ID6	2222	22.144	58.7	3.5	-13.6	-5.2	40.5	-26.5
Services									
Services for intermediate demand.....	ID6	3	100.000	7.4	0.6	0.8	0.8	0.0	0.6
Trade services for intermediate demand ⁴	ID6	33	22.363	15.3	-0.6	1.4	1.4	0.7	1.9
Trade services for manufacturing industries.....	ID6	331	11.460	13.9	-0.7	1.6	0.6	-0.3	1.1
Trade services for nonmanufacturing industries.....	ID6	332	10.903	16.8	-0.5	1.3	2.3	1.7	2.7
Transportation and warehousing services for intermediate demand.....	ID6	32	13.287	15.9	1.0	1.5	0.6	0.3	2.0
Transportation of passengers for intermediate demand.....	ID6	321	0.978	22.8	5.2	3.8	-4.7	3.3	6.7
Transportation of passengers for manufacturing industries.....	ID6	3211	0.115	23.5	5.3	4.0	-4.8	3.4	6.9
Transportation of passengers for nonmanufacturing industries.....	ID6	3212	0.863	22.7	5.1	3.8	-4.7	3.3	6.7
Transportation and warehousing of goods for intermediate demand.....	ID6	322	12.309	15.4	0.7	1.4	1.0	0.1	1.6
Transportation and warehousing of goods for manufacturing industries.....	ID6	3221	2.502	16.1	1.5	0.8	1.3	0.8	3.6
Transportation and warehousing of goods for nonmanufacturing industries.....	ID6	3222	9.807	15.3	0.4	1.5	0.9	-0.1	1.1
Services less trade, transportation, and warehousing for intermediate demand.....	ID6	31	64.350	3.3	0.9	0.5	0.6	-0.3	-0.1
Services less trade, transportation, and warehousing for manufacturing industries.....	ID6	311	2.044	5.9	0.4	0.5	0.6	0.4	0.7
Services less trade, transportation, and warehousing for nonmanufacturing industries.....	ID6	312	62.306	3.2	0.9	0.5	0.6	-0.3	-0.2
Construction									
Construction for intermediate demand.....	ID6	4	100.000	14.0	0.5	0.0	2.2	1.0	1.2
Special Groupings of Intermediate Demand by Commodity Type									
Processed materials less foods and feeds.....	ID6	9111	92.172	22.2	1.6	-0.1	2.1	1.5	2.1
Processed foods and feeds.....	ID6	9112	7.828	16.7	0.1	0.1	2.6	2.2	2.0
Processed energy goods.....	ID6	9113	18.697	35.5	2.5	-2.7	4.6	5.9	6.4
Processed materials less energy.....	ID6	9118	81.303	18.6	1.2	0.6	1.5	0.5	1.0
Processed materials less foods and energy.....	ID6	9115	73.475	18.8	1.4	0.6	1.4	0.3	0.8
Intermediate distributive services ⁷	ID6	9116	34.672	15.4	-0.2	1.4	1.3	0.5	1.8
Processed goods plus intermediate distributive services.....	ID6	9117	-	19.9	1.0	0.4	1.9	1.2	2.0
Unprocessed materials less agricultural products.....	ID6	9211	62.579	45.1	2.5	-9.4	2.6	18.2	-5.9
Unprocessed energy materials ⁸	ID6	9212	42.184	58.7	2.3	-12.3	4.2	25.8	-11.2
Unprocessed materials less energy.....	ID6	9213	57.816	31.2	2.3	1.4	1.5	3.9	7.1
Unprocessed nonfood materials less energy ⁹	ID6	9216	25.502	24.2	3.4	-1.8	-0.3	1.4	9.5
Intermediate Demand by Production Flow									
Stage 4 Intermediate Demand									
Stage 4 intermediate demand.....	ID5	4	100.000	11.8	1.1	0.7	1.5	0.5	0.8
Inputs to stage 4 goods producers.....	ID5	41	32.889	15.3	1.0	0.9	1.4	0.4	1.1
Goods.....	ID5	411	23.198	16.1	1.3	0.5	1.5	0.6	1.3
Foods.....	ID5	4111	3.174	23.2	2.4	0.0	1.5	2.6	5.3
Energy.....	ID5	4112	0.190	34.4	3.6	4.0	0.9	6.5	3.1

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
 [March 2022]

Grouping	Commodity code		Relative Importance Dec. 2021 ¹	Unadjusted 12-month percent change ² Mar. 2021 to Mar. 2022 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P	Feb. to Mar. ^P
Goods excluding foods and energy.....	ID5	4113	19.834	14.9	1.1	0.5	1.4	0.2	0.6
Services.....	ID5	412	9.691	13.2	0.3	1.9	1.4	0.0	0.8
Trade services.....	ID5	4123	7.740	14.7	0.2	2.2	1.5	-0.1	0.7
Transportation and warehousing services.....	ID5	4122	0.474	14.2	1.9	1.1	0.4	0.8	3.2
Transportation of passengers.....	ID5	41221	0.065	23.5	5.3	4.0	-4.8	3.4	6.9
Transportation and warehousing of goods.....	ID5	41222	0.409	12.8	1.4	0.6	1.3	0.4	2.7
Services less trade, transportation, and warehousing.....	ID5	4121	1.477	5.6	0.3	0.4	1.2	0.2	0.5
Inputs to stage 4 services producers.....	ID5	42	52.465	7.2	1.1	0.5	1.2	0.0	0.2
Goods.....	ID5	421	13.952	14.1	1.5	0.1	2.0	1.3	1.2
Foods.....	ID5	4211	2.324	16.9	0.2	0.3	1.3	2.4	1.2
Energy.....	ID5	4212	3.769	15.4	2.9	-1.7	3.8	1.5	1.6
Goods excluding foods and energy.....	ID5	4213	7.859	12.5	1.2	1.0	1.4	0.9	0.9
Services.....	ID5	422	38.427	4.9	1.0	0.6	0.8	-0.4	-0.2
Trade services.....	ID5	4223	4.502	13.8	0.4	1.5	1.1	0.7	1.1
Transportation and warehousing services.....	ID5	4222	3.234	13.7	0.7	1.8	1.0	-0.7	1.6
Transportation of passengers.....	ID5	42221	0.413	23.2	5.3	3.9	-4.8	3.3	6.9
Transportation and warehousing of goods.....	ID5	42222	2.821	12.4	0.1	1.5	1.8	-1.2	0.9
Services less trade, transportation, and warehousing.....	ID5	4221	30.691	2.9	1.1	0.4	0.8	-0.6	-0.6
Construction.....	ID5	423	0.086	14.0	0.5	0.0	2.2	1.0	1.2
Inputs to stage 4 construction producers.....	ID5	43	14.643	21.4	1.1	1.2	2.9	2.1	1.9
Goods.....	ID5	431	10.507	24.6	2.0	1.5	3.1	2.6	1.9
Energy.....	ID5	4312	0.846	56.2	2.0	-1.1	3.6	12.5	7.8
Goods excluding foods and energy.....	ID5	4313	9.661	21.9	1.9	1.7	3.1	1.7	1.3
Services.....	ID5	432	4.136	13.8	-1.0	0.5	2.2	0.7	2.1
Trade services.....	ID5	4323	2.037	19.6	-2.8	0.8	2.8	1.0	2.5
Transportation and warehousing services.....	ID5	4322	0.611	20.6	2.2	0.8	1.4	1.1	5.3
Transportation of passengers.....	ID5	43221	0.013	23.4	5.3	3.9	-4.8	3.4	6.9
Transportation and warehousing of goods.....	ID5	43222	0.598	20.5	2.1	0.8	1.5	1.1	5.3
Services less trade, transportation, and warehousing.....	ID5	4321	1.488	4.1	0.2	0.1	1.8	0.0	0.2
Stage 3 Intermediate Demand									
Stage 3 intermediate demand.....	ID5	3	100.000	19.0	0.8	0.8	1.7	1.4	2.3
Inputs to stage 3 goods producers.....	ID5	31	49.671	25.0	0.9	1.4	1.5	1.0	1.9
Goods.....	ID5	311	40.111	27.5	1.3	1.5	1.8	1.3	1.8
Foods.....	ID5	3111	10.917	37.2	0.5	5.5	4.1	5.1	4.4
Energy.....	ID5	3112	1.560	41.7	6.6	0.9	0.4	5.8	5.9
Goods excluding foods and energy.....	ID5	3113	27.634	22.9	1.3	-0.1	1.0	-0.5	0.4
Services.....	ID5	312	9.560	14.8	-0.9	0.9	0.4	-0.2	2.4
Trade services.....	ID5	3123	5.718	15.0	-2.3	0.9	-0.1	-0.9	1.9
Transportation and warehousing services.....	ID5	3122	2.547	18.6	1.8	0.9	1.2	1.1	4.4
Transportation of passengers.....	ID5	31221	0.118	23.5	5.3	4.0	-4.8	3.4	6.9
Transportation and warehousing of goods.....	ID5	31222	2.429	18.5	1.7	0.8	1.5	1.0	4.2
Services less trade, transportation, and warehousing.....	ID5	3121	1.295	6.9	0.4	0.5	1.0	0.4	0.8
Inputs to stage 3 services producers.....	ID5	32	48.940	13.4	0.8	0.1	1.7	1.6	2.6
Goods.....	ID5	321	10.345	40.6	0.7	-2.4	5.4	7.4	10.1
Foods.....	ID5	3211	0.089	10.2	0.9	0.8	2.6	1.5	1.2
Energy.....	ID5	3212	6.121	58.5	0.1	-4.1	8.0	11.2	14.9
Goods excluding foods and energy.....	ID5	3213	4.135	15.6	1.5	0.3	1.4	1.5	1.9
Services.....	ID5	322	37.680	6.6	0.8	0.8	0.6	-0.1	0.4
Trade services.....	ID5	3223	2.608	15.9	0.7	-0.3	1.5	0.3	3.0
Transportation and warehousing services.....	ID5	3222	8.849	14.6	0.2	1.7	0.4	-0.1	0.4
Transportation of passengers.....	ID5	32221	0.022	1.4	0.1	0.0	-0.5	0.2	0.2
Transportation and warehousing of goods.....	ID5	32222	8.827	14.6	0.2	1.7	0.5	-0.1	0.4
Services less trade, transportation, and warehousing.....	ID5	3221	26.223	3.2	1.0	0.7	0.6	-0.1	0.1
Construction.....	ID5	323	0.915	14.0	0.5	0.0	2.2	1.0	1.2
Inputs to stage 3 construction producers.....	ID5	33	1.388	21.2	-1.1	1.4	6.2	4.0	2.6
Goods.....	ID5	331	0.580	23.6	1.7	2.2	4.9	2.1	1.8
Goods excluding foods and energy.....	ID5	3313	0.580	23.5	1.7	2.2	4.9	2.1	1.8
Services.....	ID5	332	0.808	19.6	-3.0	0.8	7.0	5.3	3.2
Trade services.....	ID5	3323	0.766	20.3	-3.2	0.8	7.4	5.5	3.3
Transportation and warehousing services.....	ID5	3322	0.015	9.6	0.7	0.9	1.1	0.1	0.4
Transportation and warehousing of goods.....	ID5	33222	0.015	9.6	0.7	0.9	1.1	0.1	0.4
Services less trade, transportation, and warehousing.....	ID5	3321	0.027	7.6	0.8	0.7	-0.6	0.6	1.4
Stage 2 Intermediate Demand									
Stage 2 intermediate demand.....	ID5	2	100.000	20.5	1.2	-2.2	1.3	5.6	-1.2
Inputs to stage 2 goods producers.....	ID5	21	54.815	31.2	1.3	-4.8	2.1	10.0	-2.7

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
 [March 2022]

Grouping	Commodity code		Relative Importance Dec. 2021 ¹	Unadjusted 12-month percent change ² Mar. 2021 to Mar. 2022 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P	Feb. to Mar. ^P
Goods.....	ID5	211	42.661	38.1	1.7	-6.4	2.6	12.6	-3.6
Foods.....	ID5	2111	3.184	16.0	-0.7	0.2	4.3	5.1	4.6
Energy.....	ID5	2112	19.750	60.3	1.8	-12.5	4.6	25.0	-10.2
Goods excluding foods and energy.....	ID5	2113	19.727	22.7	1.9	-0.2	0.3	0.6	3.7
Services.....	ID5	212	11.685	9.4	-0.1	1.2	0.1	0.6	1.0
Trade services.....	ID5	2123	5.350	12.2	-0.8	1.6	-0.2	1.0	1.5
Transportation and warehousing services.....	ID5	2122	3.353	8.7	0.6	1.1	0.5	0.3	0.6
Transportation of passengers.....	ID5	21221	0.154	21.8	4.9	3.7	-4.5	3.1	6.5
Transportation and warehousing of goods.....	ID5	21222	3.199	8.2	0.4	1.0	0.7	0.2	0.4
Services less trade, transportation, and warehousing.....	ID5	2121	2.982	5.6	0.5	0.6	0.2	0.1	0.5
Construction.....	ID5	213	0.469	14.0	0.5	0.0	2.2	1.0	1.2
Inputs to stage 2 services producers.....	ID5	22	45.184	8.8	1.0	1.1	0.3	0.1	0.8
Goods.....	ID5	221	5.823	19.2	1.9	0.6	1.1	1.2	1.3
Foods.....	ID5	2211	0.032	19.6	0.6	0.7	3.0	3.5	2.6
Energy.....	ID5	2212	0.396	48.6	8.9	-4.3	1.6	6.7	1.3
Goods excluding foods and energy.....	ID5	2213	5.395	17.3	1.4	1.0	1.1	0.7	1.3
Services.....	ID5	222	37.793	7.2	0.9	1.2	0.1	0.0	0.7
Trade services.....	ID5	2223	2.550	23.1	3.2	4.8	-2.3	0.2	8.3
Transportation and warehousing services.....	ID5	2222	3.079	29.7	0.5	3.7	-1.7	1.2	0.3
Transportation of passengers.....	ID5	22221	0.352	23.2	5.3	3.9	-4.8	3.3	6.8
Transportation and warehousing of goods.....	ID5	22222	2.727	30.7	-0.1	3.6	-1.3	0.9	-0.5
Services less trade, transportation, and warehousing.....	ID5	2221	32.164	4.3	0.8	0.7	0.5	-0.2	0.2
Construction.....	ID5	223	1.568	14.0	0.5	0.0	2.2	1.0	1.2
Stage 1 Intermediate Demand									
Stage 1 intermediate demand.....	ID5	1	100.000	16.4	1.3	0.4	1.3	0.9	2.1
Inputs to stage 1 goods producers.....	ID5	11	35.393	21.8	1.8	0.1	0.3	0.0	2.0
Goods.....	ID5	111	26.061	26.4	3.0	-0.2	0.4	0.2	2.4
Foods.....	ID5	1111	3.173	27.0	2.1	1.4	1.3	2.4	8.7
Energy.....	ID5	1112	3.734	30.8	7.7	-2.4	1.0	3.8	-0.4
Goods excluding foods and energy.....	ID5	1113	19.154	25.5	2.2	0.0	0.2	-0.8	1.8
Services.....	ID5	112	9.331	10.5	-1.4	1.1	-0.1	-0.5	0.8
Trade services.....	ID5	1123	6.049	13.1	-2.5	1.4	-0.7	-0.6	1.2
Transportation and warehousing services.....	ID5	1122	0.488	14.1	1.4	2.0	-0.4	0.5	1.4
Transportation of passengers.....	ID5	11221	0.084	23.6	5.3	4.0	-4.8	3.4	6.9
Transportation and warehousing of goods.....	ID5	11222	0.404	12.3	0.7	1.6	0.5	-0.1	0.2
Services less trade, transportation, and warehousing.....	ID5	1121	2.794	4.8	0.6	0.5	1.3	-0.6	-0.1
Construction.....	ID5	113	0.001	14.0	0.5	0.0	2.2	1.0	1.2
Inputs to stage 1 services producers.....	ID5	12	51.748	11.6	1.2	0.4	1.4	0.8	2.0
Goods.....	ID5	121	17.248	22.2	1.1	-0.1	3.1	3.2	4.1
Foods.....	ID5	1211	0.051	15.7	1.6	0.2	2.2	3.0	1.5
Energy.....	ID5	1212	5.794	36.7	0.6	-2.2	5.6	7.1	9.3
Goods excluding foods and energy.....	ID5	1213	11.403	15.1	1.3	1.0	1.9	1.2	1.2
Services.....	ID5	122	34.495	6.5	1.3	0.7	0.5	-0.4	0.8
Trade services.....	ID5	1223	3.803	16.9	0.8	0.9	1.8	0.3	2.8
Transportation and warehousing services.....	ID5	1222	3.609	16.1	2.2	1.6	-0.7	0.9	3.6
Transportation of passengers.....	ID5	12221	1.091	23.5	5.3	4.0	-4.8	3.4	6.9
Transportation and warehousing of goods.....	ID5	12222	2.518	13.1	0.9	0.6	1.1	-0.1	2.2
Services less trade, transportation, and warehousing.....	ID5	1221	27.083	4.0	1.3	0.5	0.4	-0.6	0.2
Construction.....	ID5	123	0.005	14.0	0.5	0.0	2.2	1.0	1.2
Inputs to stage 1 construction producers.....	ID5	13	12.858	22.0	-0.1	0.8	4.0	3.1	3.2
Goods.....	ID5	131	8.466	23.4	1.0	0.9	2.9	2.6	3.1
Energy.....	ID5	1312	0.829	60.3	-2.6	-2.2	8.2	11.9	18.1
Goods excluding foods and energy.....	ID5	1313	7.637	19.5	1.4	1.2	2.4	1.6	1.2
Services.....	ID5	132	4.392	19.7	-2.1	0.6	6.0	4.1	3.5
Trade services.....	ID5	1323	3.727	19.3	-2.8	0.6	6.8	4.6	3.1
Transportation and warehousing services.....	ID5	1322	0.609	23.9	2.3	0.9	1.6	1.3	6.2
Transportation and warehousing of goods.....	ID5	13222	0.609	23.9	2.3	0.9	1.6	1.3	6.2
Services less trade, transportation, and warehousing.....	ID5	1321	0.056	3.9	0.6	0.1	0.3	1.2	0.3
Special Groupings of Intermediate Demand by Production Flow									
Total goods inputs to stage 4 intermediate demand.....	ID5	9411	47.657	17.3	1.5	0.6	2.0	1.2	1.4
Total services inputs to stage 4 intermediate demand.....	ID5	9412	52.254	7.1	0.7	0.8	1.1	-0.3	0.2
Total construction inputs to stage 4 intermediate demand.....	ID5	9413	0.086	14.0	0.5	0.0	2.2	1.0	1.2
Total foods inputs to stage 4 intermediate demand.....	ID5	9414	5.498	20.5	1.4	0.1	1.4	2.5	3.5
Total energy goods inputs to stage 4 intermediate demand.....	ID5	9415	4.805	23.0	2.8	-1.4	3.6	3.7	2.9
Total goods less foods and energy inputs to stage 4 intermediate demand.....	ID5	9416	37.354	16.1	1.3	0.9	1.9	0.7	0.8

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
 [March 2022]

Grouping	Commodity code		Relative Importance Dec. 2021 ¹	Unadjusted 12-month percent change ² Mar. 2021 to Mar. 2022 ^p	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Oct. to Nov.	Nov. to Dec. ^p	Dec. to Jan. ^p	Jan. to Feb. ^p	Feb. to Mar. ^p
Total goods inputs to stage 3 intermediate demand.....	ID5	9311	51.036	30.4	1.2	0.7	2.6	2.6	3.6
Total services inputs to stage 3 intermediate demand.....	ID5	9312	48.048	8.4	0.4	0.8	0.7	0.0	0.8
Total construction inputs to stage 3 intermediate demand.....	ID5	9313	0.915	14.0	0.5	0.0	2.2	1.0	1.2
Total foods inputs to stage 3 intermediate demand.....	ID5	9314	11.006	36.9	0.5	5.4	4.1	5.1	4.4
Total energy goods inputs to stage 3 intermediate demand.....	ID5	9315	7.681	55.3	1.4	-3.1	6.4	10.2	13.2
Total goods less foods and energy inputs to stage 3 intermediate demand.....	ID5	9316	32.349	21.9	1.4	0.0	1.1	-0.2	0.6
Total goods inputs to stage 2 intermediate demand.....	ID5	9211	48.484	35.9	1.7	-5.7	2.5	11.4	-3.1
Total services inputs to stage 2 intermediate demand.....	ID5	9212	49.478	7.7	0.7	1.2	0.1	0.1	0.8
Total construction inputs to stage 2 intermediate demand.....	ID5	9213	2.037	14.0	0.5	0.0	2.2	1.0	1.2
Total foods inputs to stage 2 intermediate demand.....	ID5	9214	3.216	16.1	-0.7	0.2	4.2	5.1	4.5
Total energy goods inputs to stage 2 intermediate demand.....	ID5	9215	20.146	60.1	1.9	-12.3	4.6	24.6	-10.0
Total goods less foods and energy inputs to stage 2 intermediate demand.....	ID5	9216	25.122	21.5	1.8	0.0	0.5	0.6	3.2
Total goods inputs to stage 1 intermediate demand.....	ID5	9111	51.775	24.5	2.0	0.0	1.7	1.6	3.0
Total services inputs to stage 1 intermediate demand.....	ID5	9112	48.218	8.5	0.5	0.8	0.9	0.0	1.1
Total construction inputs to stage 1 intermediate demand.....	ID5	9117	0.006	14.0	0.5	0.0	2.2	1.0	1.2
Total foods inputs to stage 1 intermediate demand.....	ID5	9114	3.224	26.8	2.0	1.4	1.3	2.4	8.6
Total energy goods inputs to stage 1 intermediate demand.....	ID5	9115	10.357	36.7	2.8	-2.3	4.1	6.3	6.8
Total goods less foods and energy inputs to stage 1 intermediate demand.....	ID5	9116	38.194	20.9	1.8	0.5	1.1	0.3	1.5

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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^P	Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Final Demand								
Final demand.....	FD	4	11.2	1.0	0.6	1.2	0.9	1.4
Final demand goods.....	FD	41	15.7	0.9	-0.1	1.6	2.3	2.3
Final demand foods.....	FD	411	16.2	1.3	-0.2	1.8	2.1	2.4
Fresh fruits and melons ²	01	11	18.5	20.1	-5.5	3.9	4.5	-8.0
Fresh and dry vegetables ²	01	13	81.5	11.5	-14.9	-3.5	-9.3	42.4
Grains.....	01	2	40.1	4.5	3.2	0.4	1.9	16.1
Eggs for fresh use ²	01	7107	1.9	-5.5	46.9	-17.6	31.3	-14.3
Oilseeds.....	01	8301	13.8	-1.6	0.5	8.7	9.3	5.6
Bakery products ²	02	11	9.3	1.1	0.7	2.3	2.3	0.5
Milled rice ²	02	13	15.0	0.7	0.4	0.6	4.2	1.2
Pasta products ²	02	1402	16.7	1.9	5.3	3.0	3.3	0.5
Beef and veal.....	02	2101	16.0	1.5	-4.6	6.5	-3.6	-7.3
Pork.....	02	2104	2.9	-1.3	-2.0	-2.6	3.9	4.2
Processed young chickens.....	02	2203	28.6	-0.6	1.4	0.2	2.1	3.3
Processed turkeys.....	02	2206	49.2	2.2	2.2	5.8	5.4	0.9
Finfish and shellfish.....	02	23	19.7	2.5	1.8	-13.2	2.2	1.1
Dairy products.....	02	3	19.3	0.9	2.3	5.2	3.9	2.7
Processed fruits and vegetables ²	02	4	6.6	-0.1	0.5	1.1	0.8	0.6
Confectionery end products ²	02	55	6.8	1.0	-0.1	0.9	0.5	0.8
Soft drinks ²	02	62	9.7	0.3	0.4	3.1	0.9	0.0
Roasted coffee ²	02	6301	13.0	1.1	1.0	1.1	9.0	0.6
Shortening and cooking oils ²	02	78	46.3	0.9	-3.3	3.3	7.2	8.4
Frozen specialty food ²	02	85	13.2	0.3	0.4	1.9	5.8	1.4
Final demand energy.....	FD	412	36.7	0.9	-1.4	4.1	7.5	5.7
Liquefied petroleum gas ²	05	32	91.4	-9.8	-15.5	16.8	8.0	12.9
Residential electric power.....	05	41	8.4	0.5	0.7	2.3	0.1	1.9
Residential natural gas.....	05	51	22.8	0.6	0.8	0.4	1.9	-0.4
Gasoline.....	05	71	59.9	2.9	-1.8	3.3	14.6	4.9
Home heating oil and distillates.....	05	7302	105.9	-3.0	0.6	15.2	13.6	20.2
No. 2 diesel fuel.....	05	7303	63.8	-3.2	-3.3	9.9	14.2	20.4
Final demand goods less foods and energy.....	FD	413	10.0	0.8	0.4	0.8	0.8	1.1
Alcoholic beverages.....	02	61	3.4	0.0	0.1	0.5	0.8	1.1
Pet food ²	02	9402	9.7	0.2	0.2	1.0	1.5	0.3
Women's, girls', and infants' apparel ²	03	8106	2.0	0.5	0.0	0.2	0.0	-0.1
Men's and boys' apparel ²	03	8107	3.8	0.7	0.1	1.9	-0.7	0.1
Textile housefurnishings ²	03	82	6.2	0.4	0.0	1.1	-2.1	0.1
Footwear.....	04	3	6.0	2.2	0.7	0.1	-0.2	0.7
Industrial chemicals.....	06	1	25.9	2.3	-1.5	0.0	1.7	3.1
Pharmaceutical preparations.....	06	38	1.4	0.2	0.1	-0.4	0.5	0.3
Soaps and detergents ²	06	71	5.7	-0.2	0.1	1.0	0.2	0.0
Cleaning and polishing products ²	06	72	6.4	1.8	0.3	1.0	0.1	0.3
Cosmetics and other toiletries ²	06	75	5.6	0.0	0.3	1.2	2.7	0.0
Tires ²	07	1201	11.9	0.8	0.4	3.6	1.1	0.0
Consumer, institutional, and commercial products, n.e.c. ²	07	2B	26.6	4.3	3.6	0.3	3.4	0.9
Sanitary paper products ²	09	1501	6.5	1.3	0.3	0.7	0.8	0.7
Iron and steel scrap ²	10	12	29.2	8.8	-1.8	-9.2	-1.3	27.6
Agricultural machinery and equipment.....	11	1	16.8	1.8	1.4	0.5	1.9	0.9
Construction machinery and equipment ²	11	2	9.1	0.4	0.8	0.3	0.6	0.1
Metal cutting machine tools ²	11	37	4.4	0.0	1.1	0.8	0.2	0.0
Metal forming machine tools.....	11	38	2.7	0.3	0.4	-0.4	0.0	0.1
Tools, dies, jigs, fixtures, and industrial molds ²	11	39	8.5	0.5	0.7	1.0	0.6	1.5
Pumps, compressors, and equipment.....	11	41	13.5	0.4	1.2	1.6	3.1	1.1
Industrial material handling equipment ²	11	44	14.4	1.6	1.1	1.2	0.4	0.6
Electronic computers and computer equipment ²	11	5	8.3	0.4	0.6	2.3	0.9	1.5
Textile machinery and equipment ²	11	62	6.5	0.0	0.2	5.4	0.1	0.0
Paper industries machinery ²	11	64	6.7	0.7	0.8	0.7	0.2	0.5
Printing trades machinery and equipment ²	11	65	5.9	0.8	2.5	0.2	0.0	-0.3
Transformers and power regulators ²	11	74	41.3	5.5	1.9	0.6	0.4	7.9
Communication and related equipment.....	11	76	5.6	0.5	0.3	0.4	0.1	0.2
Electronic components and accessories.....	11	78	3.9	0.6	0.3	0.9	0.0	0.9
X-ray and electromedical equipment ²	11	7905	0.7	0.0	0.0	0.3	0.5	0.0
Oil field and gas field machinery ²	11	91	5.6	0.4	0.2	2.2	0.1	0.0
Mining machinery and equipment ²	11	92	14.5	4.1	0.0	0.2	2.5	0.0
Office and store machines and equipment ²	11	93	2.0	0.0	1.5	0.0	0.0	0.0

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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^P	Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Household furniture ²	12	1	14.8	1.0	0.7	0.8	0.6	1.4
Commercial furniture ²	12	2	15.2	0.7	0.6	2.0	1.3	1.6
Floor coverings ²	12	3	1.4	0.2	-0.1	-4.7	0.6	0.2
Household appliances ²	12	4	9.9	0.3	0.9	1.4	0.7	0.8
Home electronic equipment ²	12	5	13.1	1.3	0.1	1.3	0.9	1.5
Lawn and garden equipment excl. garden tractors ²	12	66	6.6	0.4	1.1	0.6	0.5	0.3
Passenger cars.....	14	1101	3.0	0.4	-0.3	0.2	0.6	0.3
Light motor trucks.....	14	1105	4.4	0.1	0.0	0.6	1.0	0.9
Heavy motor trucks ²	14	1106	1.1	0.1	0.0	0.4	0.0	0.0
Motor vehicles parts ²	14	12	5.0	0.7	0.2	0.6	0.2	0.2
Truck trailers ²	14	14	41.1	1.2	2.7	4.9	6.3	0.6
Travel trailers and campers ²	14	16	23.1	3.0	0.7	2.3	0.0	0.5
Aircraft.....	14	21	3.8	0.2	0.2	0.4	0.4	1.5
Ships ²	14	31	5.6	0.1	1.2	1.4	-0.1	0.1
Railroad equipment ²	14	4	2.4	0.7	0.4	0.5	0.1	0.0
Toys, games, and children's vehicles ²	15	11	5.5	0.7	0.0	2.6	0.0	-0.5
Sporting and athletic goods.....	15	12	19.5	1.2	1.1	3.6	3.7	0.0
Cigarettes ²	15	21	8.3	0.2	1.6	0.8	0.4	0.0
Mobile homes ²	15	5	31.4	0.1	3.8	2.9	2.5	3.3
Medical, surgical & personal aid devices.....	15	6	3.8	0.1	-0.2	1.6	0.6	0.4
Jewelry, platinum and karat gold ²	15	9402	8.6	1.4	-0.8	0.7	1.6	5.9
Costume jewelry and novelties ²	15	9404	6.1	0.8	0.0	0.0	4.4	0.0
Final demand services.....	FD	42	8.7	1.0	0.9	0.9	0.3	0.9
Final demand trade services ³	FD	423	17.1	1.3	1.9	1.4	1.1	1.2
Machinery and equipment parts and supplies wholesaling ²	57	1102	15.2	2.0	3.3	2.5	-0.2	-0.1
Machinery and vehicle wholesaling ²	57	1103	28.6	4.3	4.4	3.4	3.2	-0.4
Professional and commercial equipment wholesaling ²	57	1104	2.3	1.0	-2.2	0.1	-1.9	0.7
Furnishings wholesaling ²	57	2	28.1	-3.0	7.6	1.9	-1.2	1.2
Chemicals and allied products wholesaling ²	57	5	0.6	-1.7	1.1	-4.8	2.0	-1.0
Paper and plastics products wholesaling ²	57	6	25.0	3.8	-2.2	3.0	0.5	6.7
Apparel wholesaling ²	57	7	2.1	1.6	-1.9	-3.1	1.0	2.0
Food and alcohol wholesaling ²	57	8	10.2	-2.1	1.5	0.5	2.8	0.5
Food and alcohol retailing.....	58	1	11.1	1.5	1.7	1.2	2.1	-0.2
Health, beauty, and optical goods retailing ²	58	2	12.1	0.4	3.0	2.7	1.2	-0.2
Apparel, jewelry, footwear, and accessories retailing.....	58	3	12.2	4.7	0.8	1.2	-2.0	0.1
Computer hardware, software, and supplies retailing ²	58	4	3.9	-8.3	4.9	5.8	0.8	-0.1
TV, video, and photographic equipment and supplies retailing ²	58	5	3.2	-12.1	1.5	8.3	-0.5	0.9
Automobiles retailing (partial).....	58	6101	121.2	2.3	7.5	1.9	1.8	-2.4
Automotive parts, including tires, retailing ²	58	6102	9.0	0.1	1.1	-0.3	0.6	2.4
RVs, trailers, and campers retailing ²	58	8	45.0	-2.7	5.6	3.7	-3.6	1.0
Sporting goods, including boats, retailing.....	58	9	4.3	8.1	-4.5	-1.7	1.4	1.6
Lawn, garden, and farm equipment and supplies retailing ²	58	A	17.7	3.4	1.0	0.7	1.3	0.0
Furniture retailing ²	58	B	35.1	1.5	2.5	2.1	2.4	4.5
Flooring and floor coverings retailing ²	58	C	30.5	-1.8	2.8	17.9	-0.3	0.6
Hardware, building materials, and supplies retailing.....	58	D	22.7	-4.9	1.0	11.0	9.2	3.9
Major household appliances retailing.....	58	E	13.6	0.4	1.8	8.7	1.5	1.3
Fuels and lubricants retailing.....	58	F	40.0	7.1	12.3	-10.4	0.1	22.7
Cleaning supplies and paper products retailing ²	58	G	17.6	5.8	-1.5	2.6	0.1	0.9
Book retailing ²	58	H	1.7	0.2	-6.9	9.7	-3.1	0.2
Final demand transportation and warehousing services.....	FD	422	21.0	2.8	1.5	0.0	1.6	5.5
Rail transportation of freight and mail ²	30	11	7.8	0.7	0.4	1.4	0.3	0.5
Truck transportation of freight ²	30	12	24.5	2.4	0.8	1.7	1.4	6.6
Air transportation of freight ²	30	14	7.8	2.6	1.7	-0.2	-2.8	1.4
Courier, messenger, and U.S. postal services.....	30	16	8.9	0.6	0.1	1.3	-0.1	1.0
Rail transportation of passengers.....	30	21	0.6	-0.1	-0.2	-0.3	0.1	0.0
Airline passenger services.....	30	22	23.5	5.3	4.0	-4.8	3.4	6.9
Final demand services less trade, transportation, and warehousing.....	FD	421	3.6	0.6	0.3	0.8	-0.3	0.3
Sales of books ²	33	11	2.8	0.5	1.2	0.9	2.2	-2.0
Sales and subscriptions of periodicals and newspapers.....	33	12	2.0	0.5	0.5	0.3	-0.8	0.0
Application software publishing ²	34	2	2.5	-0.3	-0.1	1.2	-4.7	3.7
Advertising space sales in periodicals, newspapers, directories, and mailing lists ²	36	1	-0.1	0.1	0.1	1.2	-2.0	1.5
Residential wired telecommunication services.....	37	11	1.5	0.4	-0.1	0.1	-0.4	-0.2
Wireless telecommunication services.....	37	2	0.6	0.2	-0.1	-0.2	0.7	-0.1
Cable and satellite subscriber services.....	37	3	2.3	0.3	0.2	1.8	-0.2	-0.1
Internet access services ²	37	4	-0.4	0.0	0.1	0.0	0.0	0.0

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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^P	Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Bundled wired telecommunications access services ²	37	5	3.5	-1.5	0.8	0.2	0.0	0.1
Consumer loans (partial).....	39	12	-2.2	1.8	1.0	-0.2	-2.2	1.1
Deposit services (partial) ²	39	2	-4.1	0.1	-3.6	1.1	-0.6	-5.2
Other credit intermediation, incl. trust services (partial) ²	39	3	-1.6	-1.7	-0.1	0.3	1.2	-0.3
Securities brokerage, dealing, investment advice, and related services ² ...	40	1	-2.6	8.2	-1.2	-0.5	1.5	-4.5
Portfolio management ²	40	2	1.2	2.6	-0.3	1.8	-4.2	-1.4
Life insurance ²	41	1101	2.0	-0.2	0.0	1.8	0.0	0.2
Disability insurance, including accidental death ²	41	1102	-0.1	0.0	0.0	-0.1	0.0	0.0
Health and medical insurance.....	41	1103	1.4	0.2	0.3	-0.5	0.0	0.1
Property and casualty insurance ²	41	1104	1.3	0.0	0.3	0.2	0.4	0.1
Annuities ²	41	2	-1.5	0.1	0.0	-0.4	-0.1	-0.1
Residential property sales and leases, brokerage fees and commissions..	43	21	13.6	0.3	0.4	3.6	1.0	0.8
Passenger car rental.....	44	1	20.0	0.5	0.5	-5.7	-2.2	8.1
Legal services.....	45	1	5.5	0.4	0.4	1.0	0.3	0.4
Tax preparation and planning.....	45	2102	-6.5	0.1	-1.3	-2.2	1.6	0.5
Architectural and engineering services.....	45	3	4.2	0.1	0.0	2.4	-0.1	0.2
Management, scientific, and technical consulting services.....	45	4	3.0	-0.3	0.4	1.8	-0.3	-0.5
Arrangement of flights (partial).....	47	1	-3.6	0.2	-0.2	0.8	-0.8	1.0
Arrangement of vehicle rentals and lodging ²	47	2	16.4	0.7	1.0	1.6	0.4	-0.1
Arrangement of cruises and tours ²	47	3	10.2	-3.4	-6.1	1.5	0.3	-0.4
Physician care.....	51	1101	0.8	0.3	0.2	-0.5	0.1	-0.1
Medical laboratory and diagnostic imaging care ²	51	1102	0.1	0.0	0.0	0.0	0.0	0.0
Home health and hospice care.....	51	1103	2.6	0.2	0.2	0.6	0.0	0.3
Hospital outpatient care ²	51	1104	4.2	0.0	0.0	1.8	0.1	0.1
Dental care.....	51	1105	3.8	0.1	0.1	1.8	0.7	0.0
Hospital inpatient care.....	51	2101	3.3	0.2	0.3	1.1	-0.2	0.3
Nursing home care.....	51	2102	1.5	0.5	0.1	0.0	0.1	0.3
Traveler accommodation services.....	53	11	30.2	4.3	5.1	-2.3	-3.1	10.4
Food and beverages for immediate consumption services (partial) ²	54	1	7.3	0.8	0.6	0.2	0.1	0.5
Motor vehicle repair and maintenance (partial).....	55	2	4.0	0.3	0.4	-0.7	1.5	0.4
Membership dues and admissions and recreation facility use fees (partial) ²	56	1	3.5	0.9	1.1	0.3	0.7	1.0
Recreational activity instruction fees (partial) ²	56	2	-1.7	0.0	0.0	0.0	0.0	0.0
Gaming receipts (partial) ²	56	3	4.8	2.3	-3.8	2.1	-1.2	1.9
Mining services ²	60	1	12.0	0.1	2.0	2.4	0.1	1.0
Final demand construction.....	FD	43	16.7	0.3	0.3	3.6	0.5	0.6
New warehouse building construction ²	80	1101	28.7	-0.3	0.1	6.3	0.3	0.5
New school building construction ²	80	1102	12.6	0.1	0.0	2.9	0.1	0.3
New office building construction ²	80	1103	17.2	0.3	0.6	4.0	0.9	0.8
New industrial building construction ²	80	1104	18.5	0.5	0.4	3.8	0.7	0.3
New health care building construction ²	80	1105	15.4	0.9	0.1	2.9	0.2	0.7
Intermediate Demand by Commodity Type								
Processed goods for intermediate demand.....	ID6	1	21.7	1.5	-0.1	2.1	1.5	2.1
Processed foods and feeds.....	ID6	9112	16.7	0.1	0.1	2.6	2.2	2.0
Meats.....	02	21	12.8	0.2	-2.8	2.8	-0.7	-2.4
Processed poultry.....	02	22	27.9	-1.6	2.6	2.9	3.1	3.8
Dairy products.....	02	3	19.3	0.9	2.3	5.2	3.9	2.7
Processed fruits and vegetables ²	02	4	6.6	-0.1	0.5	1.1	0.8	0.6
Refined sugar and byproducts ²	02	53	6.1	0.2	1.3	0.0	1.1	0.9
Fats and oils ²	02	7	46.2	1.9	-1.7	2.8	5.3	7.5
Prepared animal feeds ²	02	9	12.7	0.2	0.3	2.9	2.9	3.0
Processed materials less foods and feeds.....	ID6	9111	22.2	1.6	-0.1	2.1	1.5	2.1
Synthetic fibers ²	03	1	10.3	-0.3	-0.8	0.4	0.1	0.3
Processed yarns and threads ²	03	2	26.9	3.6	0.2	2.2	1.4	3.7
Finished fabrics ²	03	4	14.6	0.9	0.6	1.4	1.2	1.0
Liquefied petroleum gas ²	05	32	91.4	-9.8	-15.5	16.8	8.0	12.9
Commercial electric power.....	05	42	5.6	1.9	-1.1	4.8	-2.5	1.0
Industrial electric power.....	05	43	5.4	1.2	-1.0	3.3	2.1	-0.6
Commercial natural gas.....	05	52	23.9	0.6	-1.0	0.0	0.9	-0.9
Industrial natural gas.....	05	53	28.8	2.2	-2.6	-4.4	9.3	-8.3
Natural gas to electric utilities.....	05	54	28.8	27.5	-7.9	-4.7	-3.3	-19.5
Gasoline.....	05	71	59.9	2.9	-1.8	3.3	14.6	4.9
Jet fuel ²	05	7203	95.1	3.8	-9.9	13.1	14.5	23.0
No. 2 diesel fuel.....	05	7303	63.8	-3.2	-3.3	9.9	14.2	20.4
Residual fuels ²	05	74	29.5	4.3	-6.7	0.4	16.6	7.7

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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^P	Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Finished lubricants ²	05	76	12.3	0.0	0.2	0.8	0.4	0.0
Lubricating oil base stocks ²	05	78	60.3	-5.3	0.4	1.7	1.2	8.8
Asphalt.....	05	8102	36.9	11.0	2.9	-4.4	3.2	5.3
Basic inorganic chemicals ²	06	13	20.0	1.1	1.9	3.6	2.6	0.7
Basic organic chemicals.....	06	14	26.9	2.4	-2.0	-0.6	1.5	3.5
Prepared paint ²	06	21	21.9	0.8	1.0	6.4	0.6	1.1
Paint materials ²	06	22	9.0	4.0	-1.2	1.9	2.3	0.5
Medicinal and botanical chemicals ²	06	31	2.0	-0.1	0.2	1.7	0.0	0.0
Biological products, including diagnostics.....	06	37	5.4	0.3	2.2	0.2	0.1	-0.2
Fats and oils, inedible ²	06	4	41.1	0.3	-6.6	0.6	7.9	9.4
Nitrogenates.....	06	5201	105.3	11.4	13.7	2.5	2.6	0.4
Phosphates.....	06	5202	68.3	5.3	4.8	-1.0	-0.6	6.7
Other agricultural chemicals ²	06	53	15.5	0.1	0.1	4.1	0.0	0.0
Plastic resins and materials.....	06	6	10.4	0.0	-1.3	-2.8	-0.7	-1.6
Industrial gases ²	06	7903	17.4	8.4	3.1	0.1	1.9	0.0
Adhesives and sealants ²	06	7904	18.9	0.6	2.0	2.6	3.4	1.6
Synthetic rubber ²	07	1102	20.1	-1.5	-3.2	0.6	-0.2	0.9
Tires ²	07	1201	11.9	0.8	0.4	3.6	1.1	0.0
Plastic construction products ²	07	21	35.2	1.7	2.1	1.7	1.2	1.5
Unsupported plastic film, sheet, other shapes ²	07	22	23.8	1.9	0.7	0.5	0.4	2.3
Parts for manufacturing from plastics ²	07	26	14.9	0.8	1.6	0.8	0.2	1.2
Plastic packaging products ²	07	2A	23.6	2.2	0.5	1.0	-0.2	0.5
Softwood lumber.....	08	11	22.9	6.9	22.1	25.6	2.6	6.0
Hardwood lumber ²	08	12	18.6	-0.1	0.6	-3.0	3.4	-6.0
Millwork.....	08	2	21.6	1.0	2.2	4.9	1.8	1.1
Plywood ²	08	3	17.2	4.0	2.6	18.1	7.9	3.3
Paper ²	09	13	15.5	1.2	0.4	0.9	0.7	0.1
Paperboard ²	09	14	20.5	0.2	0.8	0.1	0.1	2.3
Paper boxes and containers ²	09	1503	16.2	1.1	0.5	1.8	1.6	0.2
Building paper and board ²	09	2	38.5	2.5	3.1	16.4	17.9	3.1
Commercial printing ²	09	47	16.6	3.7	0.6	1.3	2.8	3.1
Foundry and forge shop products ²	10	15	14.1	0.8	1.3	2.4	1.0	1.5
Steel mill products ²	10	17	42.9	3.0	0.2	-1.4	-9.7	-4.9
Primary nonferrous metals ²	10	22	33.0	-3.7	0.5	5.0	5.4	2.2
Secondary nonferrous metals ²	10	24	21.9	0.8	0.5	2.8	3.8	3.7
Aluminum mill shapes ²	10	2501	43.7	2.0	-5.7	4.0	6.8	6.2
Copper and brass mill shapes ²	10	2502	16.4	1.2	-3.0	3.1	0.7	2.2
Nonferrous wire and cable ²	10	26	26.3	1.5	-1.6	0.2	1.4	4.4
Nonferrous foundry shop products.....	10	28	13.5	1.2	0.8	1.5	1.2	0.7
Metal containers ²	10	3	29.6	1.3	2.8	10.4	2.6	-0.5
Hardware ²	10	4	17.6	1.2	0.3	0.7	0.9	0.9
Plumbing fixtures and brass fittings.....	10	5	6.8	0.6	1.0	2.8	-1.0	0.5
Heating equipment ²	10	6	21.8	1.1	3.0	2.5	1.4	0.8
Fabricated structural metal products.....	10	7	36.0	3.3	1.9	0.8	1.3	0.4
Bolts, nuts, screws, rivets, and washers ²	10	81	16.6	0.1	0.7	0.7	1.3	0.0
Lighting fixtures ²	10	83	9.9	0.4	0.8	1.2	0.4	1.4
Fabricated ferrous wire products ²	10	88	34.8	1.1	2.7	1.3	2.2	3.9
Other miscellaneous metal products ²	10	89	15.1	0.7	1.4	1.1	0.9	1.9
Fluid power equipment.....	11	43	13.0	0.5	2.0	2.3	1.0	0.6
Mechanical power transmission equipment ²	11	45	12.9	0.5	0.6	2.9	0.2	1.8
Air conditioning and refrigeration equipment ²	11	48	22.5	1.8	1.4	4.4	1.9	2.0
Metal valves, except fluid power.....	11	4902	9.4	0.5	1.4	1.5	0.9	0.7
Ball and roller bearings ²	11	4905	9.0	0.6	-0.4	0.3	1.7	1.8
Wiring devices ²	11	71	26.0	1.5	2.0	2.5	1.0	0.2
Motors, generators, motor generator sets ²	11	73	14.8	2.5	0.1	2.9	2.9	0.4
Switchgear, switchboard, and industrial controls equip. ²	11	75	18.2	0.4	1.6	2.7	3.3	3.0
Electronic components and accessories.....	11	78	3.9	0.6	0.3	0.9	0.0	0.9
Internal combustion engines ²	11	94	4.5	0.0	0.0	2.6	0.0	0.0
Machine shop products ²	11	95	4.7	0.1	0.8	0.2	0.1	0.1
Flat glass ²	13	11	9.5	0.6	1.0	2.0	1.2	-1.4
Cement.....	13	22	8.2	0.1	0.4	3.2	0.9	0.6
Concrete products.....	13	3	9.9	0.9	0.7	1.3	1.0	0.2
Asphalt felts and coatings ²	13	6	21.5	2.9	1.2	1.0	2.4	1.4
Paving mixtures and blocks.....	13	94	8.3	0.8	1.3	1.7	1.1	1.2
Motor vehicle parts ²	14	12	5.0	0.7	0.2	0.6	0.2	0.2
Aircraft engines and engine parts.....	14	23	2.3	0.0	0.5	-0.3	0.2	1.2

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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^P	Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Aircraft parts and auxiliary equipment, n.e.c.....	14	25	2.1	0.0	0.2	0.7	-0.1	0.0
Medical, surgical, and personal aid devices.....	15	6	3.8	0.1	-0.2	1.6	0.6	0.4
Unprocessed goods for intermediate demand.....	ID6	2	40.8	2.3	-4.9	2.7	13.0	-1.4
Unprocessed foodstuffs and feedstuffs.....	ID6	21	35.2	1.3	3.8	2.7	5.6	5.2
Wheat ²	01	21	70.1	6.6	3.1	-3.2	1.3	24.3
Corn.....	01	2202	33.8	3.8	3.2	1.6	1.8	14.5
Slaughter cattle.....	01	31	25.6	1.6	2.9	-1.4	3.3	-0.4
Slaughter hogs.....	01	32	15.0	-3.5	-0.1	-7.0	30.7	-2.4
Slaughter chickens.....	01	4102	93.5	-3.2	11.8	1.6	0.6	19.0
Slaughter turkeys.....	01	42	17.0	-4.9	4.1	3.4	0.1	0.4
Raw milk.....	01	6	31.1	2.5	7.4	17.5	4.2	-7.6
Alfalfa hay ²	01	81	48.8	1.4	-0.4	8.4	8.7	4.3
Oilseeds.....	01	8301	13.8	-1.6	0.5	8.7	9.3	5.6
Raw cane sugar and byproducts ²	02	5201	11.3	0.7	1.5	-2.6	3.2	0.9
Unprocessed nonfood materials.....	ID6	22	44.2	2.7	-8.6	2.7	16.6	-4.3
Raw cotton ²	01	51	48.1	12.9	-9.3	8.0	4.7	-1.5
Hides and skins.....	04	1	-15.6	-11.7	-7.1	-4.9	9.7	-8.8
Coal.....	05	1	30.0	0.9	0.7	15.9	2.4	6.6
Natural gas ²	05	31	62.9	3.8	-14.8	-8.0	46.1	-30.1
Crude petroleum ²	05	61	62.2	1.0	-11.8	15.4	12.7	7.2
Logs, bolts, timber, pulpwood, and woodchips ²	08	5	4.7	-0.4	0.4	2.3	0.2	0.4
Recyclable paper ²	09	12	59.1	-4.2	-7.3	-6.1	-1.0	4.8
Iron ores.....	10	11	23.3	1.6	-0.4	0.3	0.4	3.7
Iron and steel scrap ²	10	12	29.2	8.8	-1.8	-9.2	-1.3	27.6
Nonferrous metal ores ²	10	21	21.2	3.6	-3.4	3.6	0.2	5.6
Copper base scrap ²	10	2301	13.2	0.2	-0.6	1.9	1.8	1.2
Aluminum base scrap.....	10	2302	44.1	1.0	-1.2	-0.2	0.5	3.4
Construction sand, gravel, and crushed stone.....	13	21	8.0	0.7	0.0	2.6	1.0	1.0
Services for intermediate demand.....	ID6	3	7.4	0.6	0.8	0.8	0.0	0.6
Trade services for intermediate demand ³	ID6	33	15.3	-0.6	1.4	1.4	0.7	1.9
Machinery and equipment parts and supplies wholesaling ²	57	1102	15.2	2.0	3.3	2.5	-0.2	-0.1
Building materials, paint, and hardware wholesaling.....	57	3	31.7	-3.2	0.5	3.4	2.9	2.9
Metals, minerals, and ores wholesaling ²	57	4	10.6	-7.5	2.0	-2.7	-7.0	0.4
Chemicals and allied products wholesaling ²	57	5	0.6	-1.7	1.1	-4.8	2.0	-1.0
Paper and plastics products wholesaling ²	57	6	25.0	3.8	-2.2	3.0	0.5	6.7
Food wholesaling ²	57	8101	10.6	-3.0	1.6	0.4	3.1	0.6
Automotive parts, including tires, retailing ²	58	6102	9.0	0.1	1.1	-0.3	0.6	2.4
Hardware, building material, and supplies retailing.....	58	D	22.7	-4.9	1.0	11.0	9.2	3.9
Transportation and warehousing services for intermediate demand.....	ID6	32	15.9	1.0	1.5	0.6	0.3	2.0
Rail transportation of freight and mail ²	30	11	7.8	0.7	0.4	1.4	0.3	0.5
Truck transportation of freight ²	30	12	24.5	2.4	0.8	1.7	1.4	6.6
Water transportation of freight ²	30	13	16.9	-0.2	1.9	0.9	1.1	-0.4
Air transportation of freight ²	30	14	7.8	2.6	1.7	-0.2	-2.8	1.4
Pipeline transportation of petroleum products.....	30	1501	1.6	0.4	0.3	-0.1	0.2	0.4
U.S. Postal Service.....	30	1601	5.5	0.0	0.2	-0.6	-1.9	0.2
Courier and messenger services, except air mail.....	30	1602	9.5	1.0	0.3	2.4	0.7	1.2
Air mail and package delivery services, excluding by USPS.....	30	1603	15.7	1.6	-0.6	3.5	2.4	2.6
Transportation of passengers (partial).....	30	2	23.1	5.2	3.9	-4.8	3.3	6.8
Services related to water transportation.....	31	1	4.3	0.2	0.6	0.4	0.5	0.4
Arrangement of freight and cargo ²	31	31	70.2	-1.1	6.6	-2.4	2.7	-1.1
Warehousing, storage, and related services ²	32	1	11.4	-1.2	3.4	6.0	-4.3	0.0
Services less trade, transportation, and warehousing for intermediate demand.....	ID6	31	3.3	0.9	0.5	0.6	-0.3	-0.1
Network compensation from broadcast TV, cable TV, radio ²	35	-	2.3	0.0	0.0	2.8	0.0	0.0
Advertising space sales in periodicals and newspapers ²	36	11	-0.1	0.2	0.1	1.5	-2.4	1.8
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	-6.9	5.4	3.3	1.1	-3.1	0.5
Radio advertising time sales.....	36	3	13.3	9.5	-0.7	-13.5	9.7	1.1
Internet advertising space sales, excluding Internet ads sold by print publishers ²	36	5	15.3	0.9	1.0	1.7	-2.6	5.5
Business wired telecommunication services ²	37	12	0.3	0.1	0.1	-0.1	0.0	0.0
Wireless telecommunication services.....	37	2	0.6	0.2	-0.1	-0.2	0.7	-0.1
Cable and satellite subscriber services.....	37	3	2.3	0.3	0.2	1.8	-0.2	-0.1
Bundled wired telecommunication access services ²	37	5	3.5	-1.5	0.8	0.2	0.0	0.1
Data processing and related services ²	38	1	0.0	0.0	0.0	-0.4	0.1	0.0
Business loans (partial).....	39	11	6.3	0.3	2.0	-0.7	-2.2	1.5

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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^P	Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Deposit services (partial) ²	39	2	-4.1	0.1	-3.6	1.1	-0.6	-5.2
Other credit intermediation, incl. trust services (partial) ²	39	3	-1.6	-1.7	-0.1	0.3	1.2	-0.3
Securities brokerage, dealing, investment advice, and related services ²	40	1	-2.6	8.2	-1.2	-0.5	1.5	-4.5
Portfolio management ²	40	2	1.2	2.6	-0.3	1.8	-4.2	-1.4
Investment banking ²	40	3	3.5	0.0	1.9	0.1	0.2	-3.9
Life insurance ²	41	1101	2.0	-0.2	0.0	1.8	0.0	0.2
Health and medical insurance.....	41	1103	1.4	0.2	0.3	-0.5	0.0	0.1
Property and casualty insurance ²	41	1104	1.3	0.0	0.3	0.2	0.4	0.1
Annuities ²	41	2	-1.5	0.1	0.0	-0.4	-0.1	-0.1
Commissions from sales of insurance ²	42	1	0.5	0.0	0.0	0.0	0.0	0.0
Nonresidential real estate rents ²	43	11	1.8	0.0	1.0	1.2	-2.2	-1.1
Nonresidential property sales and leases ²	43	12	8.1	0.1	0.7	1.6	-0.2	-0.1
Residential property management fees ²	43	22	6.6	0.2	1.2	0.0	0.9	0.2
Passenger car rental.....	44	1	20.0	0.5	0.5	-5.7	-2.2	8.1
Truck, utility trailer, and RV rental and leasing ²	44	2	2.7	0.2	0.1	-0.6	-0.7	0.2
Construction, mining, and forestry machinery and equipment rental and leasing ²	44	3	1.2	0.7	-0.1	-0.2	0.2	0.1
Legal services.....	45	1	5.5	0.4	0.4	1.0	0.3	0.4
Accounting services (partial).....	45	2	-0.1	0.1	0.1	-0.3	0.6	0.3
Architectural and engineering services.....	45	3	4.2	0.1	0.0	2.4	-0.1	0.2
Management, scientific, and technical consulting services.....	45	4	3.0	-0.3	0.4	1.8	-0.3	-0.5
Advertising and related services (partial) ²	45	5	7.7	5.0	1.6	2.3	1.3	-0.1
Permanent placement services ²	46	1	6.0	0.2	2.3	0.5	-0.9	0.2
Executive search services ²	46	2	-2.0	1.7	-0.1	-5.1	5.1	-2.2
Staffing services.....	46	3	7.1	0.9	0.8	0.8	0.3	0.6
Security guard services ²	48	1	6.1	0.0	0.5	1.1	0.1	0.1
Janitorial services ²	49	1	8.3	0.3	2.6	1.6	1.3	0.0
Waste collection.....	50	1	2.9	0.4	0.5	0.2	0.9	-1.0
Traveler accommodation services.....	53	11	30.2	4.3	5.1	-2.3	-3.1	10.4
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	8.3	0.4	0.2	1.2	3.1	0.5
Aircraft repair and maintenance.....	55	4	4.9	0.5	0.2	0.3	0.0	0.4
Metal treatment services ²	59	1	10.6	0.8	1.1	-0.7	0.7	1.9
Construction for intermediate demand.....	ID6	4	14.0	0.5	0.0	2.2	1.0	1.2
Maintenance and repair of non-residential buildings (partial) ²	80	2	14.0	0.5	0.0	2.2	1.0	1.2
Intermediate Demand by Production Flow								
Stage 4 intermediate demand.....	ID5	4	11.8	1.1	0.7	1.5	0.5	0.8
Stage 4 intermediate demand goods.....	ID5	9411	17.3	1.5	0.6	2.0	1.2	1.4
Grains.....	01	2	40.1	4.5	3.2	0.4	1.9	16.1
Meats.....	02	21	12.8	0.2	-2.8	2.8	-0.7	-2.4
Unprocessed and packaged fish.....	02	23	19.7	2.5	1.8	-13.2	2.2	1.1
Dairy products.....	02	3	19.3	0.9	2.3	5.2	3.9	2.7
Commercial electric power.....	05	42	5.6	1.9	-1.1	4.8	-2.5	1.0
Industrial electric power.....	05	43	5.4	1.2	-1.0	3.3	2.1	-0.6
Gasoline.....	05	71	59.9	2.9	-1.8	3.3	14.6	4.9
No. 2 diesel fuel.....	05	7303	63.8	-3.2	-3.3	9.9	14.2	20.4
Basic organic chemicals.....	06	14	26.9	2.4	-2.0	-0.6	1.5	3.5
Prepared paint ²	06	21	21.9	0.8	1.0	6.4	0.6	1.1
Medicinal and botanical chemicals ²	06	31	2.0	-0.1	0.2	1.7	0.0	0.0
Biological products, including diagnostics.....	06	37	5.4	0.3	2.2	0.2	0.1	-0.2
Pharmaceutical preparations.....	06	38	1.4	0.2	0.1	-0.4	0.5	0.3
Plastic construction products ²	07	21	35.2	1.7	2.1	1.7	1.2	1.5
Unsupported plastic film, sheet, and other shapes ²	07	22	23.8	1.9	0.7	0.5	0.4	2.3
Parts for manufacturing from plastics ²	07	26	14.9	0.8	1.6	0.8	0.2	1.2
Plastic packaging products ²	07	2A	23.6	2.2	0.5	1.0	-0.2	0.5
Lumber.....	08	1	21.8	4.4	14.6	16.9	2.8	4.3
Millwork.....	08	2	21.6	1.0	2.2	4.9	1.8	1.1
Paper boxes and containers ²	09	1503	16.2	1.1	0.5	1.8	1.6	0.2
Commercial printing ²	09	47	16.6	3.7	0.6	1.3	2.8	3.1
Steel mill products ²	10	17	42.9	3.0	0.2	-1.4	-9.7	-4.9
Nonferrous wire and cable ²	10	26	26.3	1.5	-1.6	0.2	1.4	4.4
Fabricated structural metal products.....	10	7	36.0	3.3	1.9	0.8	1.3	0.4
Other miscellaneous metal products ²	10	89	15.1	0.7	1.4	1.1	0.9	1.9
Air conditioning and refrigeration equipment ²	11	48	22.5	1.8	1.4	4.4	1.9	2.0
Wiring devices ²	11	71	26.0	1.5	2.0	2.5	1.0	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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^P	Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Electronic components and accessories.....	11	78	3.9	0.6	0.3	0.9	0.0	0.9
Miscellaneous electrical machinery and equipment ²	11	79	5.2	0.1	0.1	1.1	0.5	0.7
Internal combustion engines ²	11	94	4.5	0.0	0.0	2.6	0.0	0.0
Machine shop products ²	11	95	4.7	0.1	0.8	0.2	0.1	0.1
Concrete ingredients and related products.....	13	2	8.1	0.5	0.1	2.8	1.0	0.9
Concrete products.....	13	3	9.9	0.9	0.7	1.3	1.0	0.2
Prepared asphalt, tar roofing and siding products ²	13	61	22.6	3.2	1.3	0.7	2.4	1.6
Paving mixtures and blocks.....	13	94	8.3	0.8	1.3	1.7	1.1	1.2
Motor vehicle parts ²	14	12	5.0	0.7	0.2	0.6	0.2	0.2
Aircraft engines and engine parts.....	14	23	2.3	0.0	0.5	-0.3	0.2	1.2
Aircraft parts and auxiliary equipment, n.e.c.....	14	25	2.1	0.0	0.2	0.7	-0.1	0.0
Medical, surgical and personal aid devices.....	15	6	3.8	0.1	-0.2	1.6	0.6	0.4
Stage 4 intermediate demand services.....	ID5	9412	7.1	0.7	0.8	1.1	-0.3	0.2
Truck transportation of freight ²	30	12	24.5	2.4	0.8	1.7	1.4	6.6
Courier, messenger, and U.S. postal services.....	30	16	8.9	0.6	0.1	1.3	-0.1	1.0
Airline passenger services.....	30	22	23.5	5.3	4.0	-4.8	3.4	6.9
Warehousing, storage, and related services ²	32	1	11.4	-1.2	3.4	6.0	-4.3	0.0
Advertising space sales in periodicals and newspapers ²	36	11	-0.1	0.2	0.1	1.5	-2.4	1.8
Data processing and related services ²	38	1	0.0	0.0	0.0	-0.4	0.1	0.0
Business loans (partial).....	39	11	6.3	0.3	2.0	-0.7	-2.2	1.5
Deposit services (partial) ²	39	2	-4.1	0.1	-3.6	1.1	-0.6	-5.2
Securities brokerage, dealing, investment advice, and related services ²	40	1	-2.6	8.2	-1.2	-0.5	1.5	-4.5
Portfolio management ²	40	2	1.2	2.6	-0.3	1.8	-4.2	-1.4
Investment banking ²	40	3	3.5	0.0	1.9	0.1	0.2	-3.9
Insurance.....	41	11	1.4	0.1	0.2	0.2	0.3	0.2
Annuities ²	41	2	-1.5	0.1	0.0	-0.4	-0.1	-0.1
Nonresidential real estate rents ²	43	11	1.8	0.0	1.0	1.2	-2.2	-1.1
Nonresidential property sales and leases ²	43	12	8.1	0.1	0.7	1.6	-0.2	-0.1
Nonresidential property management fees ²	43	13	6.5	0.2	0.2	1.2	2.5	0.0
Residential property management fees ²	43	22	6.6	0.2	1.2	0.0	0.9	0.2
Construction, mining, and forestry machinery and equipment rental and leasing ²	44	3	1.2	0.7	-0.1	-0.2	0.2	0.1
Legal services.....	45	1	5.5	0.4	0.4	1.0	0.3	0.4
Advertising agency services ²	45	51	7.7	5.0	1.6	2.3	1.3	-0.1
Accounting services (partial).....	45	2	-0.1	0.1	0.1	-0.3	0.6	0.3
Architectural and engineering services.....	45	3	4.2	0.1	0.0	2.4	-0.1	0.2
Management, scientific, and technical consulting services.....	45	4	3.0	-0.3	0.4	1.8	-0.3	-0.5
Staffing services.....	46	3	7.1	0.9	0.8	0.8	0.3	0.6
Janitorial services ²	49	1	8.3	0.3	2.6	1.6	1.3	0.0
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	8.3	0.4	0.2	1.2	3.1	0.5
Machinery and equipment parts and supplies wholesaling ²	57	1102	15.2	2.0	3.3	2.5	-0.2	-0.1
Building materials, paint, and hardware wholesaling.....	57	3	31.7	-3.2	0.5	3.4	2.9	2.9
Metals, minerals, and ores wholesaling ²	57	4	10.6	-7.5	2.0	-2.7	-7.0	0.4
Chemicals and allied products wholesaling ²	57	5	0.6	-1.7	1.1	-4.8	2.0	-1.0
Paper and plastics products wholesaling ²	57	6	25.0	3.8	-2.2	3.0	0.5	6.7
Food and alcohol wholesaling ²	57	8	10.2	-2.1	1.5	0.5	2.8	0.5
Hardware and building materials and supplies retailing.....	58	D	22.7	-4.9	1.0	11.0	9.2	3.9
Metal treatment services ²	59	1	10.6	0.8	1.1	-0.7	0.7	1.9
Stage 3 intermediate demand.....	ID5	3	19.0	0.8	0.8	1.7	1.4	2.3
Stage 3 intermediate demand goods.....	ID5	9311	30.4	1.2	0.7	2.6	2.6	3.6
Slaughter cattle.....	01	31	25.6	1.6	2.9	-1.4	3.3	-0.4
Slaughter hogs.....	01	32	15.0	-3.5	-0.1	-7.0	30.7	-2.4
Slaughter poultry.....	01	4	76.1	-3.4	10.3	1.9	0.5	15.7
Raw milk.....	01	6	31.1	2.5	7.4	17.5	4.2	-7.6
Commercial electric power.....	05	42	5.6	1.9	-1.1	4.8	-2.5	1.0
Industrial electric power.....	05	43	5.4	1.2	-1.0	3.3	2.1	-0.6
Gasoline.....	05	71	59.9	2.9	-1.8	3.3	14.6	4.9
Jet fuel ²	05	7203	95.1	3.8	-9.9	13.1	14.5	23.0
No. 2 diesel fuel.....	05	7303	63.8	-3.2	-3.3	9.9	14.2	20.4
Finished lubricants ²	05	76	12.3	0.0	0.2	0.8	0.4	0.0
Lubricating oil base stocks ²	05	78	60.3	-5.3	0.4	1.7	1.2	8.8
Asphalt.....	05	8102	36.9	11.0	2.9	-4.4	3.2	5.3
Basic inorganic chemicals ²	06	13	20.0	1.1	1.9	3.6	2.6	0.7
Basic organic chemicals.....	06	14	26.9	2.4	-2.0	-0.6	1.5	3.5
Paints and allied products ²	06	2	18.6	1.5	0.5	5.3	1.0	0.9

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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^P	Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Agricultural chemicals and chemical products.....	06	5	49.0	3.7	5.0	2.3	1.1	2.2
Plastic resins and materials.....	06	6	10.4	0.0	-1.3	-2.8	-0.7	-1.6
Synthetic rubber ²	07	1102	20.1	-1.5	-3.2	0.6	-0.2	0.9
Unsupported plastic film, sheet, and other shapes ²	07	22	23.8	1.9	0.7	0.5	0.4	2.3
Paper ²	09	13	15.5	1.2	0.4	0.9	0.7	0.1
Paperboard ²	09	14	20.5	0.2	0.8	0.1	0.1	2.3
Converted paper and paperboard products ²	09	15	13.2	1.0	0.5	1.2	1.3	0.5
Commercial printing ²	09	47	16.6	3.7	0.6	1.3	2.8	3.1
Foundry and forge shop products ²	10	15	14.1	0.8	1.3	2.4	1.0	1.5
Steel mill products ²	10	17	42.9	3.0	0.2	-1.4	-9.7	-4.9
Nonferrous mill shapes ²	10	25	30.8	1.6	-4.0	3.8	4.1	4.3
Nonferrous foundry shop products.....	10	28	13.5	1.2	0.8	1.5	1.2	0.7
Metal containers ²	10	3	29.6	1.3	2.8	10.4	2.6	-0.5
Structural, architectural, and pre-engineered metal products.....	10	74	43.8	2.9	2.1	0.2	1.1	0.7
Bolts, nuts, screws, rivets, and washers ²	10	81	16.6	0.1	0.7	0.7	1.3	0.0
Other miscellaneous metal products ²	10	89	15.1	0.7	1.4	1.1	0.9	1.9
General purpose machinery and equipment.....	11	4	14.2	1.0	1.4	2.0	1.4	1.1
Electrical machinery and equipment.....	11	7	7.9	0.7	0.5	1.1	0.5	0.9
Construction sand, gravel, and crushed stone.....	13	21	8.0	0.7	0.0	2.6	1.0	1.0
Cement.....	13	22	8.2	0.1	0.4	3.2	0.9	0.6
Motor vehicle parts ²	14	12	5.0	0.7	0.2	0.6	0.2	0.2
Aircraft and aircraft equipment.....	14	2	3.1	0.1	0.3	0.3	0.2	1.1
Stage 3 intermediate demand services.....	ID5	9312	8.4	0.4	0.8	0.7	0.0	0.8
Rail transportation of freight and mail ²	30	11	7.8	0.7	0.4	1.4	0.3	0.5
Courier, messenger, and U.S. postal services.....	30	16	8.9	0.6	0.1	1.3	-0.1	1.0
Arrangement of freight and cargo ²	31	31	70.2	-1.1	6.6	-2.4	2.7	-1.1
Freight forwarding ²	31	3201	10.1	1.2	1.1	-0.3	-1.4	0.2
Warehousing, storage, and related services ²	32	1	11.4	-1.2	3.4	6.0	-4.3	0.0
Advertising space sales in periodicals, newspapers, directories, and mailing lists ²	36	1	-0.1	0.1	0.1	1.2	-2.0	1.5
Wired telephone services ²	37	1	0.6	0.1	0.0	0.1	0.0	0.0
Bundled wired telecommunications access services ²	37	5	3.5	-1.5	0.8	0.2	0.0	0.1
Data processing and related services ²	38	1	0.0	0.0	0.0	-0.4	0.1	0.0
Business loans (partial).....	39	11	6.3	0.3	2.0	-0.7	-2.2	1.5
Deposit services (partial) ²	39	2	-4.1	0.1	-3.6	1.1	-0.6	-5.2
Securities brokerage, dealing, investment advice, and related services ²	40	1	-2.6	8.2	-1.2	-0.5	1.5	-4.5
Insurance.....	41	11	1.4	0.1	0.2	0.2	0.3	0.2
Nonresidential real estate rents ²	43	11	1.8	0.0	1.0	1.2	-2.2	-1.1
Legal services.....	45	1	5.5	0.4	0.4	1.0	0.3	0.4
Accounting services (partial).....	45	2	-0.1	0.1	0.1	-0.3	0.6	0.3
Architectural and engineering services.....	45	3	4.2	0.1	0.0	2.4	-0.1	0.2
Management, scientific, and technical consulting services.....	45	4	3.0	-0.3	0.4	1.8	-0.3	-0.5
Advertising agency services ²	45	51	7.7	5.0	1.6	2.3	1.3	-0.1
Staffing services.....	46	3	7.1	0.9	0.8	0.8	0.3	0.6
Aircraft repair maintenance.....	55	4	4.9	0.5	0.2	0.3	0.0	0.4
Machinery and equipment parts and supplies wholesaling ²	57	1102	15.2	2.0	3.3	2.5	-0.2	-0.1
Building materials, paint, and hardware wholesaling.....	57	3	31.7	-3.2	0.5	3.4	2.9	2.9
Metals, minerals, and ores wholesaling ²	57	4	10.6	-7.5	2.0	-2.7	-7.0	0.4
Chemicals and allied products wholesaling ²	57	5	0.6	-1.7	1.1	-4.8	2.0	-1.0
Paper and plastics products wholesaling ²	57	6	25.0	3.8	-2.2	3.0	0.5	6.7
Food wholesaling ²	57	8101	10.6	-3.0	1.6	0.4	3.1	0.6
Metal treatment services ²	59	1	10.6	0.8	1.1	-0.7	0.7	1.9
Stage 2 intermediate demand.....	ID5	2	20.5	1.2	-2.2	1.3	5.6	-1.2
Stage 2 intermediate demand goods.....	ID5	9211	35.9	1.7	-5.7	2.5	11.4	-3.1
Corn.....	01	2202	33.8	3.8	3.2	1.6	1.8	14.5
Oilseeds.....	01	83	13.8	-1.6	0.5	8.7	9.3	5.6
Prepared animal feeds ²	02	9	12.7	0.2	0.3	2.9	2.9	3.0
Coal.....	05	1	30.0	0.9	0.7	15.9	2.4	6.6
Natural gas ²	05	31	62.9	3.8	-14.8	-8.0	46.1	-30.1
Liquefied petroleum gas ²	05	32	91.4	-9.8	-15.5	16.8	8.0	12.9
Crude petroleum ²	05	61	62.2	1.0	-11.8	15.4	12.7	7.2
No. 2 diesel fuel.....	05	7303	63.8	-3.2	-3.3	9.9	14.2	20.4
Industrial chemicals.....	06	1	25.9	2.3	-1.5	0.0	1.7	3.1
Plastic resins and materials.....	06	6	10.4	0.0	-1.3	-2.8	-0.7	-1.6
Plastic products ²	07	2	24.0	1.9	1.6	1.0	1.0	1.2
Logs, bolts, timber, pulpwood, and wood chips ²	08	5	4.7	-0.4	0.4	2.3	0.2	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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^P	Oct. to Nov.	Nov. to Dec. ^P	Dec. to Jan. ^P	Jan. to Feb. ^P
Paper ²	09	13	15.5	1.2	0.4	0.9	0.7	0.1
Paperboard, excluding corrugated paperboard ²	09	1411	21.9	0.1	0.8	0.3	0.0	2.4
Commercial printing ²	09	47	16.6	3.7	0.6	1.3	2.8	3.1
Iron and steel scrap ²	10	12	29.2	8.8	-1.8	-9.2	-1.3	27.6
Steel mill products ²	10	17	42.9	3.0	0.2	-1.4	-9.7	-4.9
Nonferrous mill shapes ²	10	25	30.8	1.6	-4.0	3.8	4.1	4.3
Electrical machinery and equipment.....	11	7	7.9	0.7	0.5	1.1	0.5	0.9
Electronic components and accessories.....	11	78	3.9	0.6	0.3	0.9	0.0	0.9
Stage 2 intermediate demand services.....	ID5	9212	7.7	0.7	1.2	0.1	0.1	0.8
Rail transportation of freight and mail ²	30	11	7.8	0.7	0.4	1.4	0.3	0.5
Truck transportation of freight ²	30	12	24.5	2.4	0.8	1.7	1.4	6.6
Pipeline transportation of petroleum products.....	30	1501	1.6	0.4	0.3	-0.1	0.2	0.4
U.S. Postal Service.....	30	1601	5.5	0.0	0.2	-0.6	-1.9	0.2
Courier and messenger services, except air.....	30	1602	9.5	1.0	0.3	2.4	0.7	1.2
Air mail and package delivery services, excluding by USPS.....	30	1603	15.7	1.6	-0.6	3.5	2.4	2.6
Airline passenger services.....	30	22	23.5	5.3	4.0	-4.8	3.4	6.9
Arrangement of freight and cargo ²	31	31	70.2	-1.1	6.6	-2.4	2.7	-1.1
Television advertising time sales.....	36	21	-6.9	5.4	3.3	1.1	-3.1	0.5
Wireless telecommunication services.....	37	2	0.6	0.2	-0.1	-0.2	0.7	-0.1
Data processing and related services ²	38	1	0.0	0.0	0.0	-0.4	0.1	0.0
Securities brokerage, dealing, investment advice, and related services ²	40	1	-2.6	8.2	-1.2	-0.5	1.5	-4.5
Portfolio management ²	40	2	1.2	2.6	-0.3	1.8	-4.2	-1.4
Investment banking ²	40	31	3.5	0.0	1.9	0.1	0.2	-3.9
Insurance.....	41	11	1.4	0.1	0.2	0.2	0.3	0.2
Commissions from sales of insurance ²	42	11	0.5	0.0	0.0	0.0	0.0	0.0
Legal services.....	45	1	5.5	0.4	0.4	1.0	0.3	0.4
Accounting services (partial).....	45	2	-0.1	0.1	0.1	-0.3	0.6	0.3
Management, scientific, and technical consulting services.....	45	4	3.0	-0.3	0.4	1.8	-0.3	-0.5
Advertising agency services ²	45	51	7.7	5.0	1.6	2.3	1.3	-0.1
Staffing services.....	46	3	7.1	0.9	0.8	0.8	0.3	0.6
Security guard services ²	48	1	6.1	0.0	0.5	1.1	0.1	0.1
Janitorial services ²	49	1	8.3	0.3	2.6	1.6	1.3	0.0
Traveler accommodation services.....	53	1	30.2	4.3	5.1	-2.3	-3.1	10.4
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	8.3	0.4	0.2	1.2	3.1	0.5
Hardware and building materials and supplies retailing.....	58	D	22.7	-4.9	1.0	11.0	9.2	3.9
Stage 1 intermediate demand.....	ID5	1	16.4	1.3	0.4	1.3	0.9	2.1
Stage 1 intermediate demand goods.....	ID5	9111	24.5	2.0	0.0	1.7	1.6	3.0
Prepared animal feeds ²	02	9	12.7	0.2	0.3	2.9	2.9	3.0
Commercial electric power.....	05	42	5.6	1.9	-1.1	4.8	-2.5	1.0
Industrial electric power.....	05	43	5.4	1.2	-1.0	3.3	2.1	-0.6
Commercial natural gas.....	05	52	23.9	0.6	-1.0	0.0	0.9	-0.9
Industrial natural gas.....	05	53	28.8	2.2	-2.6	-4.4	9.3	-8.3
Gasoline.....	05	71	59.9	2.9	-1.8	3.3	14.6	4.9
No. 2 diesel fuel.....	05	7303	63.8	-3.2	-3.3	9.9	14.2	20.4
Industrial chemicals.....	06	1	25.9	2.3	-1.5	0.0	1.7	3.1
Prepared paint ²	06	21	21.9	0.8	1.0	6.4	0.6	1.1
Plastic construction products ²	07	21	35.2	1.7	2.1	1.7	1.2	1.5
Recyclable paper ²	09	12	59.1	-4.2	-7.3	-6.1	-1.0	4.8
Paper ²	09	13	15.5	1.2	0.4	0.9	0.7	0.1
Converted paper and paperboard products ²	09	15	13.2	1.0	0.5	1.2	1.3	0.5
Iron and steel scrap ²	10	12	29.2	8.8	-1.8	-9.2	-1.3	27.6
Steel mill products ²	10	17	42.9	3.0	0.2	-1.4	-9.7	-4.9
Primary nonferrous metals ²	10	22	33.0	-3.7	0.5	5.0	5.4	2.2
Nonferrous scrap.....	10	23	19.2	0.3	-5.2	4.1	6.2	4.2
Nonferrous wire and cable ²	10	26	26.3	1.5	-1.6	0.2	1.4	4.4
Fabricated structural metal products.....	10	7	36.0	3.3	1.9	0.8	1.3	0.4
General purpose machinery and equipment.....	11	4	14.2	1.0	1.4	2.0	1.4	1.1
Construction sand, gravel, and crushed stone.....	13	21	8.0	0.7	0.0	2.6	1.0	1.0
Stage 1 intermediate demand services.....	ID5	9112	8.5	0.5	0.8	0.9	0.0	1.1
Truck transportation of freight ²	30	12	24.5	2.4	0.8	1.7	1.4	6.6
Airline passenger services.....	30	22	23.5	5.3	4.0	-4.8	3.4	6.9
Advertising space sales in periodicals, newspapers, directories, and mailing lists ²	36	1	-0.1	0.1	0.1	1.2	-2.0	1.5
Business wired telecommunication services ²	37	12	0.3	0.1	0.1	-0.1	0.0	0.0
Wireless telecommunication services.....	37	2	0.6	0.2	-0.1	-0.2	0.7	-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
 [March 2022]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Mar. 2021 to Mar. 2022 ^p	Oct. to Nov.	Nov. to Dec. ^p	Dec. to Jan. ^p	Jan. to Feb. ^p
Bundled wired telecommunications access services ²	37	5	3.5	-1.5	0.8	0.2	0.0	0.1
Business loans (partial).....	39	11	6.3	0.3	2.0	-0.7	-2.2	1.5
Deposit services (partial) ²	39	2	-4.1	0.1	-3.6	1.1	-0.6	-5.2
Securities brokerage, dealing, investment advice, and related services ²	40	1	-2.6	8.2	-1.2	-0.5	1.5	-4.5
Portfolio management ²	40	2	1.2	2.6	-0.3	1.8	-4.2	-1.4
Investment banking ²	40	3	3.5	0.0	1.9	0.1	0.2	-3.9
Insurance.....	41	11	1.4	0.1	0.2	0.2	0.3	0.2
Nonresidential real estate rents ²	43	11	1.8	0.0	1.0	1.2	-2.2	-1.1
Architectural and engineering services.....	45	3	4.2	0.1	0.0	2.4	-0.1	0.2
Management consulting services.....	45	41	3.0	-0.3	0.4	1.8	-0.3	-0.5
Waste collection.....	50	1	2.9	0.4	0.5	0.2	0.9	-1.0
Traveler accommodation services.....	53	11	30.2	4.3	5.1	-2.3	-3.1	10.4
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	8.3	0.4	0.2	1.2	3.1	0.5
Machinery and equipment parts and supplies wholesaling ²	57	1102	15.2	2.0	3.3	2.5	-0.2	-0.1
Building materials, paint, and hardware wholesaling.....	57	3	31.7	-3.2	0.5	3.4	2.9	2.9
Metals, minerals, and ores wholesaling ²	57	4	10.6	-7.5	2.0	-2.7	-7.0	0.4
Chemicals and allied products wholesaling ²	57	5	0.6	-1.7	1.1	-4.8	2.0	-1.0
Paper and plastics products wholesaling ²	57	6	25.0	3.8	-2.2	3.0	0.5	6.7
Hardware and building materials and supplies retailing.....	58	D	22.7	-4.9	1.0	11.0	9.2	3.9
Mining services ²	60	1	12.0	0.1	2.0	2.4	0.1	1.0

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
 [March 2022, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Nov. 2021	Dec. 2021 ^P	Jan. 2022 ^P	Feb. 2022 ^P	Mar. 2022 ^P
Final Demand								
Final demand.....		FD	4	131.264	131.989	133.545	134.799	136.653
Final demand goods.....		FD	41	132.180	132.104	134.177	137.253	140.377
Final demand foods.....		FD	411	137.325	137.018	139.470	142.356	145.727
Finished consumer foods ²	00/82	FD	4111	239.945	239.338	243.240	247.581	252.677
Finished consumer foods, crude.....	00/82	FD	411113	264.191	254.221	240.941	245.305	278.311
Finished consumer foods, processed.....	00/82	FD	411112	237.865	238.263	244.022	248.370	250.476
Government purchased foods.....		FD	4112	140.643	140.526	144.205	147.499	148.129
Foods for export.....		FD	4113	144.936	144.730	147.893	152.840	160.029
Final demand energy.....		FD	412	132.648	130.764	136.086	146.295	154.692
Finished consumer energy goods ²	00/82	FD	4121	208.517	206.598	213.403	228.380	238.078
Government purchased energy.....		FD	4122	138.359	134.034	143.100	154.906	173.160
Energy for export.....		FD	4123	122.351	117.314	127.185	142.549	158.193
Final demand goods less foods and energy.....		FD	413	130.602	131.110	132.142	133.192	134.718
Finished goods less foods and energy ²	00/82	FD	4131	224.076	225.329	227.248	229.508	231.281
Finished consumer goods less foods and energy.....	00/82	FD	41311	250.504	251.969	253.779	256.210	257.995
Nondurable consumer goods less foods and energy.....	00/82	FD	413111	321.594	323.776	325.719	328.944	330.640
Durable consumer goods.....	00/82	FD	413112	176.987	177.739	179.375	180.995	182.816
Private capital equipment.....	00/82	FD	41312	191.080	192.093	194.023	196.034	197.718
Private capital equipment for manufacturing industries.....	00/82	FD	413121	199.748	201.147	203.914	206.833	209.555
Private capital equipment for nonmanufacturing industries.....	00/82	FD	413122	188.374	189.280	190.980	192.741	194.142
Government purchased goods, excluding foods and energy.....		FD	4132	126.704	127.430	128.875	129.860	131.575
Government purchased goods excluding foods, energy, and capital equipment.....		FD	41321	133.935	134.813	136.815	138.391	140.220
Government purchased capital equipment.....		FD	41322	115.817	116.343	117.067	117.293	118.840
Goods for export, excluding foods and energy.....		FD	4133	132.870	132.925	133.677	134.294	136.621
Final demand services.....		FD	42	130.179	131.319	132.519	132.856	134.083
Final demand trade services ³		FD	423	137.059	139.664	141.621	143.227	144.990
Trade of finished goods ²		FD	4231	136.149	138.732	140.676	142.334	144.248
Trade of personal consumption goods.....		FD	42311	136.259	138.614	140.139	141.660	144.004
Trade of private capital equipment.....		FD	42312	134.160	137.710	141.467	143.710	143.716
Trade of government purchased goods.....		FD	4232	141.060	143.377	146.045	147.733	148.995
Trade of government purchased goods, excluding capital equipment.....		FD	42321	146.339	147.652	149.726	150.770	152.957
Trade of government purchased capital equipment.....		FD	42322	131.738	135.559	139.104	141.757	141.600
Trade of exports.....		FD	4233	144.180	147.087	148.911	150.037	150.658
Final demand transportation and warehousing services.....		FD	422	138.395	140.483	140.450	142.688	150.541
Transportation of passengers for final demand.....		FD	4221	110.800	115.120	109.627	113.264	121.002
Transportation of private passengers.....		FD	42211	110.858	115.167	109.686	113.315	121.032
Transportation of government passengers.....		FD	42212	110.887	115.145	109.723	113.311	120.942
Transportation of passengers for export.....		FD	42213	110.557	114.928	109.377	113.054	120.878
Transportation and warehousing of goods for final demand.....		FD	4222	148.846	149.931	152.292	153.890	161.700
Transportation and warehousing of finished goods ²		FD	42221	147.984	149.087	151.328	152.933	161.076
Transportation and warehousing of personal consumption goods.....		FD	422211	148.239	149.322	151.541	153.097	161.129
Transportation and warehousing of private capital equipment.....		FD	422212	146.967	148.149	150.478	152.278	160.874
Transportation and warehousing of government purchased goods.....		FD	42222	145.746	147.030	149.280	149.927	156.354
Transportation and warehousing of exports.....		FD	42223	152.612	153.617	156.307	158.113	165.485
Final demand services less trade, transportation, and warehousing.....		FD	421	126.285	126.659	127.633	127.199	127.532
Finished services less trade, transportation, and warehousing ²		FD	4211	126.705	127.096	128.057	127.660	128.104
Finished consumer services less trade, transportation, and warehousing.....		FD	42111	126.550	126.880	127.646	127.209	127.582
Private capital investment services less trade, transportation, and warehousing.....		FD	42112	128.417	129.346	132.025	131.988	133.055
Government purchased services less trade, transportation, and warehousing.....		FD	4212	118.528	118.904	119.834	119.519	119.337
Gov. purchased services less trade, transportation, and warehousing, excl. capital investment.....		FD	42121	118.938	119.320	120.288	120.023	119.775
Government purchased capital investment services less trade, transportation, and warehousing.....		FD	42122	107.777	108.021	108.159	106.838	108.015
Services for export less trade, transportation, and warehousing.....		FD	4213	129.889	130.017	131.231	130.125	129.403
Final demand construction.....		FD	43	146.017	146.383	151.635	152.420	153.363
Construction for private capital investment.....		FD	431	147.757	148.257	154.079	154.950	155.895
Construction for government.....		FD	432	142.645	142.769	146.987	147.614	148.553
Final Demand Special Groupings								
Final demand less exports.....	04/10	FD	49101	128.763	129.522	131.083	132.325	134.028
Final demand less government.....	04/10	FD	49102	129.558	130.319	131.779	132.964	134.709
Final demand less foods, food and nonalcoholic beverages for immediate consumption, and energy ¹	04/10	FD	49103	129.448	130.419	131.584	132.132	133.434
Final demand less foods and energy ⁴	04/10	FD	49104	129.221	130.184	131.402	131.915	133.197
Final demand less foods and food and nonalcoholic beverages for immediate consumption ⁴	04/10	FD	49105	129.265	130.037	131.483	132.692	134.477

See footnotes at end of table.

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

[March 2022, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Nov. 2021	Dec. 2021 ^P	Jan. 2022 ^P	Feb. 2022 ^P	Mar. 2022 ^P
Final demand less foods ⁴	04/10	FD	49106	128.999	129.774	131.255	132.396	134.136
Final demand less energy.....	04/10	FD	49107	129.430	130.317	131.604	132.254	133.655
Final demand less trade services.....	01/10	FD	49108	128.448	128.721	130.165	131.328	133.190
Final demand less distributive services ⁵	01/10	FD	49109	127.697	127.939	129.350	130.497	132.139
Final demand goods less energy.....	01/10	FD	49111	130.816	131.155	132.465	133.877	135.764
Final demand goods less foods.....	04/10	FD	49112	128.130	128.101	130.053	133.093	136.096
Final demand services less trade services.....	04/10	FD	49113	126.370	126.894	127.770	127.578	128.580
Final demand distributive services ⁵	04/10	FD	49114	136.060	138.423	140.396	141.972	144.473
Final demand goods plus final demand distributive services ⁵	04/10	FD	49115	131.953	132.848	134.854	137.292	140.126
Final demand less foods, energy, and trade services ⁴	08/13	FD	49116	119.987	120.469	121.427	121.626	122.712
Private and government purchased capital equipment.....	08/13	FD	49117	115.899	116.501	117.609	118.689	119.784
Private and government purchased capital investment services.....	08/13	FD	49118	121.116	123.054	125.901	126.877	127.766
Total private and government purchased capital investment.....	08/13	FD	49119	120.634	121.851	124.161	125.161	126.139
Total finished ²	01/10	FD	49201	129.767	130.588	132.076	133.267	134.872
Total finished less foods, food and nonalcoholic beverages for immediate consumption, and energy ^{2, 4}	12/10	FD	49202	128.590	129.634	130.883	131.413	132.621
Total finished less foods and energy ^{2, 4}	01/10	FD	49203	129.503	130.545	131.789	132.308	133.510
Total finished less foods and food and nonalcoholic beverages for immediate consumption ⁴	12/10	FD	49204	128.112	128.998	130.446	131.578	133.113
Total finished less foods ^{2, 4}	01/10	FD	49205	129.534	130.423	131.871	132.991	134.523
Total finished less energy ²	01/10	FD	49206	129.760	130.720	132.019	132.650	133.948
Finished goods ²	00/82	FD	49207	231.921	232.025	235.688	241.766	246.336
Finished goods less energy ²	00/82	FD	49208	227.765	228.540	230.963	233.752	236.371
Finished goods, excluding foods ^{2, 4}	00/82	FD	49209	228.985	229.265	232.854	239.337	243.759
Finished services ²	01/10	FD	49210	129.019	130.137	131.327	131.669	132.913
Private capital investment services.....	04/10	FD	49211	130.476	132.525	135.617	136.646	137.640
Finished distributive services ^{2, 5}	04/10	FD	49212	134.738	137.123	139.059	140.681	143.183
Finished services less trade services ²	04/10	FD	49213	126.487	126.993	127.870	127.659	128.625
Finished services less distributive services ^{2, 5}	04/10	FD	49214	125.516	125.993	126.802	126.499	127.104
Total private capital investment (goods, services, and construction).....	04/10	FD	49215	127.811	129.158	131.653	132.775	133.798
Finished goods plus finished distributive services ²	04/10	FD	49216	131.963	133.104	135.099	137.668	140.198
Total exports.....	04/10	FD	49301	131.642	132.076	133.415	134.598	137.175
Goods for export.....	00/82	FD	49302	224.748	224.369	226.809	229.821	235.681
Services for export.....	04/10	FD	49303	136.482	137.924	139.178	139.525	140.903
Total government purchases.....	04/10	FD	49401	125.302	125.483	127.840	129.646	132.411
Government purchased goods.....	00/82	FD	49402	213.621	212.731	218.389	224.531	233.445
Government purchased services.....	04/10	FD	49403	123.304	124.190	125.330	125.543	126.158
Total government purchased capital investment (goods, services, construction).....	08/13	FD	49404	118.756	119.566	121.515	122.062	123.124
Personal consumption.....	01/10	FD	49501	130.106	130.810	132.074	133.280	135.013
Personal consumption goods (finished consumer goods).....	00/82	FD	49502	249.314	248.997	253.440	261.364	267.243
Personal consumption goods less energy.....	00/82	FD	49503	246.686	247.282	249.978	253.219	256.403
Personal consumption goods less foods.....	00/82	FD	49504	251.246	251.048	255.678	264.998	271.151
Personal consumption nondurable goods less foods.....	00/82	FD	49508	283.536	282.945	288.841	301.404	309.385
Personal consumption services.....	04/10	FD	49505	128.274	129.250	130.155	130.393	131.669
Personal consumption less trade services.....	04/10	FD	49506	128.114	128.378	129.569	130.688	132.253
Personal consumption less distributive services ⁵	04/10	FD	49507	127.576	127.815	128.975	130.081	131.449
Personal consumption less foods and energy.....	04/14	FD	49510	119.846	120.734	121.581	121.914	123.066
Personal consumption less foods, energy, and trade services ³	04/14	FD	49511	118.203	118.672	119.337	119.320	120.144
Personal consumption less foods, energy, and distributive services ⁵	04/14	FD	49512	117.884	118.333	118.948	118.876	119.450
Personal consumption goods plus personal consumption distributive services ⁵	08/13	FD	49509	121.839	122.748	124.540	127.153	129.882
Intermediate Demand by Commodity Type								
Processed goods								
Processed goods for intermediate demand.....	00/82	ID6	1	248.784	248.651	253.955	257.816	263.120
Materials and components for manufacturing.....	00/82	ID6	11	237.291	237.962	240.563	240.040	241.920
Materials for manufacturing.....		ID6	111	155.895	155.896	157.489	156.464	157.658
Materials for food manufacturing.....	00/82	ID6	1111	233.424	233.806	240.031	245.558	250.655
Materials for nondurable manufacturing.....	00/82	ID6	1112	279.213	277.722	278.741	282.425	288.090
Materials for durable manufacturing.....	00/82	ID6	1113	322.812	324.372	328.135	316.634	313.625
Components for manufacturing.....	00/82	ID6	112	172.599	174.051	176.196	177.308	178.766
Components for nondurable manufacturing.....		ID6	1121	137.036	138.661	140.704	141.641	143.706
Components for durable manufacturing.....		ID6	1122	121.685	122.686	124.181	124.963	125.947
Materials and components for construction.....	00/82	ID6	12	317.679	323.821	333.978	339.730	344.871
Materials for construction.....		ID6	121	152.571	156.232	164.160	168.063	171.012
Components for construction.....		ID6	122	160.343	162.891	165.647	167.665	169.886
Processed fuels and lubricants for intermediate demand.....	00/82	ID6	13	237.756	231.291	242.020	256.407	272.851
Processed fuels and lubricants to manufacturing industries.....	00/82	ID6	131	236.931	235.083	243.943	256.268	270.114
Processed fuels and lubricants to nonmanufacturing industries.....	00/82	ID6	132	238.447	230.458	241.818	256.906	274.231
Containers for intermediate demand.....	00/82	ID6	14	276.101	278.857	288.225	293.371	293.697

See footnotes at end of table.

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

[March 2022, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Nov. 2021	Dec. 2021 ^P	Jan. 2022 ^P	Feb. 2022 ^P	Mar. 2022 ^P
Supplies for intermediate demand.....	00/82	ID6	15	232.403	233.879	237.637	240.265	243.040
Supplies to manufacturing industries.....	00/82	ID6	151	232.457	233.278	236.078	238.480	241.352
Supplies to nonmanufacturing industries.....	00/82	ID6	152	230.536	232.104	235.984	238.627	241.364
Supplies to nonmanufacturing industries, feeds.....	00/82	ID6	1521	222.819	221.948	227.359	232.744	239.956
Supplies to nonmanufacturing industries, other than feeds.....	00/82	ID6	1522	233.147	234.973	238.731	241.119	243.427
Unprocessed goods								
Unprocessed goods for intermediate demand.....	00/82	ID6	2	279.279	265.564	272.778	308.304	304.087
Unprocessed foodstuffs and feedstuffs.....	00/82	ID6	21	209.141	217.147	223.010	235.417	247.776
Unprocessed nonfood materials.....	00/82	ID6	22	315.676	288.408	296.266	345.560	330.806
Unprocessed nonfood materials except fuel.....	00/82	ID6	221	351.481	329.950	350.683	373.535	404.414
Unprocessed nonfood materials except fuel to manufacturing industries.....	00/82	ID6	2211	328.833	307.812	327.685	349.845	379.848
Unprocessed nonfood materials except fuel to nonmanufacturing industries.....	00/82	ID6	2212	294.851	294.923	302.487	305.532	308.428
Unprocessed fuel.....	00/82	ID6	222	244.724	212.262	202.986	282.278	210.177
Unprocessed fuel to manufacturing industries.....	00/82	ID6	2221	208.778	195.724	216.115	249.099	234.532
Unprocessed fuel to nonmanufacturing industries.....	00/82	ID6	2222	253.884	219.329	208.009	292.347	214.732
Services								
Services for intermediate demand.....		ID6	3	133.707	134.838	135.902	135.896	136.726
Trade services for intermediate demand ⁵		ID6	33	155.339	157.570	159.843	160.989	164.044
Trade services for manufacturing industries.....	12/12	ID6	331	143.125	145.422	146.333	145.925	147.477
Trade services for nonmanufacturing industries.....	12/12	ID6	332	136.999	138.726	141.915	144.391	148.349
Transportation and warehousing services for intermediate demand.....		ID6	32	147.174	149.449	150.297	150.777	153.776
Transportation of passengers for intermediate demand.....		ID6	321	110.962	115.217	109.798	113.384	121.011
Transportation of passengers for manufacturing industries.....		ID6	3211	110.553	114.920	109.374	113.048	120.865
Transportation of passengers for nonmanufacturing industries.....		ID6	3212	111.068	115.311	109.905	113.482	121.086
Transportation and warehousing of goods for intermediate demand.....		ID6	322	151.067	153.134	154.644	154.796	157.308
Transportation and warehousing of goods for manufacturing industries.....	12/12	ID6	3221	122.844	123.791	125.403	126.382	130.949
Transportation and warehousing of goods for nonmanufacturing industries.....	12/12	ID6	3222	135.677	137.741	138.988	138.883	140.427
Services less trade, transportation, and warehousing for intermediate demand.....		ID6	31	125.491	126.120	126.886	126.475	126.311
Services less trade, transportation, and warehousing for manufacturing industries.....		ID6	311	118.234	118.833	119.519	119.989	120.807
Services less trade, transportation, and warehousing for nonmanufacturing industries.....		ID6	312	125.721	126.350	127.119	126.677	126.480
Construction								
Construction for intermediate demand.....		ID6	4	131.206	131.157	134.052	135.332	136.963
Intermediate Demand by Commodity Type Special Groupings								
Processed materials less foods and feeds.....	00/82	ID6	9111	250.776	250.618	255.865	259.614	264.969
Processed foods and feeds.....	00/82	ID6	9112	228.353	228.503	234.411	239.463	244.245
Processed energy goods.....	00/82	ID6	9113	238.860	232.365	243.144	257.598	274.118
Processed materials less energy.....	00/82	ID6	9118	248.277	249.746	253.612	254.767	257.191
Processed materials less foods and energy.....	00/82	ID6	9115	250.197	251.820	255.436	256.127	258.268
Intermediate distributive services ⁶	04/10	ID6	9116	150.923	153.055	155.014	155.786	158.592
Processed goods plus intermediate distributive services.....	04/10	ID6	9117	139.502	140.012	142.653	144.403	147.269
Unprocessed materials less agricultural products.....	00/82	ID6	9211	320.539	290.481	297.922	352.103	331.352
Unprocessed energy materials ⁷	00/82	ID6	9212	251.147	220.172	229.504	288.718	256.469
Unprocessed materials less energy.....	00/82	ID6	9213	279.042	282.938	287.111	298.330	319.464
Unprocessed nonfood materials less energy ⁸	00/82	ID6	9216	488.506	479.677	478.396	485.083	531.023
Intermediate Demand by Production Flow								
Stage 4 Intermediate Demand								
Stage 4 intermediate demand.....		ID5	4	137.031	138.007	140.082	140.718	141.785
Inputs to stage 4 goods producers.....		ID5	41	136.818	138.014	139.983	140.516	142.094
Goods.....		ID5	411	132.533	133.154	135.086	135.837	137.539
Foods.....		ID5	4111	141.288	141.320	143.497	147.159	154.905
Energy.....		ID5	4112	142.636	148.380	149.715	159.471	164.355
Goods excluding foods and energy.....		ID5	4113	131.171	131.836	133.736	133.971	134.739
Services.....		ID5	412	151.409	154.226	156.339	156.279	157.539
Trade services.....		ID5	4123	160.872	164.408	166.799	166.580	167.783
Transportation and warehousing services.....		ID5	4122	127.201	128.582	129.120	130.186	134.407
Transportation of passengers.....		ID5	41221	110.556	114.927	109.376	113.053	120.877
Transportation and warehousing of goods.....		ID5	41222	138.882	139.769	141.535	142.161	145.956
Services less trade, transportation, and warehousing.....		ID5	4121	119.936	120.392	121.882	122.090	122.655
Inputs to stage 4 services producers.....		ID5	42	133.715	134.353	135.917	135.965	136.213
Goods.....		ID5	421	134.819	134.962	137.726	139.583	141.195
Foods.....		ID5	4211	143.128	143.563	145.389	148.934	150.662

See footnotes at end of table.

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

[March 2022, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Nov. 2021	Dec. 2021 ^P	Jan. 2022 ^P	Feb. 2022 ^P	Mar. 2022 ^P
Energy.....		ID5	4212	128.664	126.429	131.226	133.212	135.305
Goods excluding foods and energy.....		ID5	4213	135.145	136.458	138.409	139.701	141.021
Services.....		ID5	422	133.185	134.003	135.130	134.522	134.275
Trade services.....		ID5	4223	143.106	145.233	146.817	147.914	149.610
Transportation and warehousing services.....		ID5	4222	137.235	139.655	140.998	140.081	142.386
Transportation of passengers.....		ID5	42221	110.301	114.620	109.130	112.765	120.500
Transportation and warehousing of goods.....		ID5	42222	142.584	144.661	147.264	145.508	146.821
Services less trade, transportation, and warehousing.....		ID5	4221	130.917	131.396	132.436	131.635	130.874
Construction.....		ID5	423	131.206	131.157	134.052	135.332	136.963
Inputs to stage 4 construction producers.....		ID5	43	149.052	150.836	155.185	158.428	161.514
Goods.....		ID5	431	151.476	153.684	158.505	162.679	165.763
Energy.....		ID5	4312	152.440	150.808	156.257	175.764	189.498
Goods excluding foods and energy.....		ID5	4313	154.906	157.540	162.413	165.188	167.305
Services.....		ID5	432	142.572	143.338	146.544	147.554	150.634
Trade services.....		ID5	4323	160.238	161.463	166.042	167.754	171.899
Transportation and warehousing services.....		ID5	4322	143.266	144.439	146.476	148.087	155.925
Transportation of passengers.....		ID5	43221	115.299	119.844	114.071	117.894	126.030
Transportation and warehousing of goods.....		ID5	43222	144.737	145.825	148.082	149.642	157.511
Services less trade, transportation, and warehousing.....		ID5	4321	121.454	121.588	123.717	123.771	124.040
Stage 3 Intermediate Demand								
Stage 3 intermediate demand.....		ID5	3	140.227	141.291	143.642	145.586	148.897
Inputs to stage 3 goods producers.....		ID5	31	155.294	157.428	159.863	161.541	164.631
Goods.....		ID5	311	153.291	155.578	158.419	160.539	163.420
Foods.....		ID5	3111	151.724	160.050	166.595	175.074	182.748
Energy.....		ID5	3112	145.083	146.401	146.944	155.419	164.539
Goods excluding foods and energy.....		ID5	3113	158.319	158.230	159.758	158.899	159.477
Services.....		ID5	312	152.314	153.655	154.224	153.949	157.681
Trade services.....		ID5	3123	158.480	159.982	159.757	158.351	161.394
Transportation and warehousing services.....		ID5	3122	141.819	143.152	144.901	146.481	152.864
Transportation of passengers.....		ID5	31221	117.726	122.377	116.471	120.383	128.708
Transportation and warehousing of goods.....		ID5	31222	142.982	144.120	146.310	147.753	154.013
Services less trade, transportation, and warehousing.....		ID5	3121	121.334	121.893	123.094	123.621	124.580
Inputs to stage 3 services producers.....		ID5	32	127.903	128.060	130.183	132.245	135.722
Goods.....		ID5	321	117.073	114.280	120.406	129.362	142.456
Foods.....		ID5	3211	143.115	144.246	148.050	150.286	152.102
Energy.....		ID5	3212	117.374	112.522	121.521	135.175	155.290
Goods excluding foods and energy.....		ID5	3213	125.533	125.920	127.728	129.588	132.082
Services.....		ID5	322	130.956	132.046	132.885	132.792	133.280
Trade services.....		ID5	3223	168.246	167.736	170.279	170.873	175.976
Transportation and warehousing services.....		ID5	3222	158.118	160.796	161.519	161.399	161.980
Transportation of passengers.....		ID5	32221	101.567	101.545	101.076	101.288	101.531
Transportation and warehousing of goods.....		ID5	32222	158.608	161.301	162.030	161.908	162.492
Services less trade, transportation, and warehousing.....		ID5	3221	121.966	122.765	123.516	123.380	123.512
Construction.....		ID5	323	131.206	131.157	134.052	135.332	136.963
Inputs to stage 3 construction producers.....		ID5	33	132.617	134.446	142.719	148.386	152.282
Goods.....		ID5	331	126.413	129.185	135.529	138.365	140.877
Energy.....				-	-	-	-	-
Goods excluding foods and energy.....		ID5	3313	161.080	164.612	172.697	176.311	179.511
Services.....		ID5	332	156.713	157.978	169.097	178.033	183.683
Trade services.....		ID5	3323	161.577	162.887	174.979	184.658	190.710
Transportation and warehousing services.....		ID5	3322	103.195	104.078	105.273	105.430	105.880
Transportation and warehousing of goods.....		ID5	33222	108.926	109.858	111.120	111.286	111.761
Services less trade, transportation, and warehousing.....		ID5	3321	113.333	114.101	113.390	114.043	115.614
Stage 2 Intermediate Demand								
Stage 2 intermediate demand.....		ID5	2	133.755	130.750	132.454	139.888	138.183
Inputs to stage 2 goods producers.....		ID5	21	132.451	126.081	128.720	141.610	137.778
Goods.....		ID5	211	135.601	126.967	130.311	146.751	141.437
Foods.....		ID5	2111	149.497	149.750	156.119	164.075	171.560
Energy.....		ID5	2112	112.808	98.730	103.309	129.116	115.940
Goods excluding foods and energy.....		ID5	2113	148.430	148.065	148.513	149.391	154.962
Services.....		ID5	212	133.071	134.657	134.795	135.559	136.911
Trade services.....		ID5	2123	149.283	151.659	151.364	152.926	155.242
Transportation and warehousing services.....		ID5	2122	153.110	154.842	155.556	155.996	156.990
Transportation of passengers.....		ID5	21221	112.167	116.286	111.017	114.499	121.894
Transportation and warehousing of goods.....		ID5	21222	155.577	157.149	158.256	158.494	159.065
Services less trade, transportation, and warehousing.....		ID5	2121	117.335	117.982	118.259	118.324	118.879
Construction.....		ID5	213	131.206	131.157	134.052	135.332	136.963
Inputs to stage 2 services producers.....		ID5	22	130.764	132.166	132.615	132.813	133.886

See footnotes at end of table.

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

[March 2022, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Nov. 2021	Dec. 2021 ^P	Jan. 2022 ^P	Feb. 2022 ^P	Mar. 2022 ^P
Goods.....		ID5	221	136.537	137.410	138.961	140.583	142.440
Foods.....		ID5	2211	120.434	121.318	124.953	129.314	132.719
Energy.....		ID5	2212	167.946	160.753	163.307	174.291	176.628
Goods excluding foods and energy.....		ID5	2213	135.012	136.387	137.865	138.892	140.714
Services.....		ID5	222	129.615	131.152	131.338	131.283	132.218
Trade services.....		ID5	2223	157.571	165.184	161.418	161.761	175.255
Transportation and warehousing services.....		ID5	2222	162.480	168.453	165.627	167.577	168.140
Transportation of passengers.....		ID5	22221	111.116	115.456	109.938	113.592	121.365
Transportation and warehousing of goods.....		ID5	22222	172.830	179.134	176.827	178.449	177.607
Services less trade, transportation, and warehousing.....		ID5	2221	126.843	127.699	128.350	128.121	128.338
Construction.....		ID5	223	131.206	131.157	134.052	135.332	136.963
Stage 1 Intermediate Demand								
Stage 1 intermediate demand.....		ID5	1	137.328	137.832	139.652	140.861	143.854
Inputs to stage 1 goods producers.....		ID5	11	147.311	147.519	149.961	148.014	150.913
Goods.....		ID5	111	149.835	149.516	150.175	150.533	154.095
Foods.....		ID5	1111	153.026	155.166	157.133	160.868	174.887
Energy.....		ID5	1112	131.174	128.033	129.278	134.229	133.690
Goods excluding foods and energy.....		ID5	1113	157.582	157.504	157.821	156.526	159.374
Services.....		ID5	112	144.259	145.908	145.768	144.992	146.167
Trade services.....		ID5	1123	158.781	160.932	159.743	158.833	160.732
Transportation and warehousing services.....		ID5	1122	134.219	136.950	136.390	137.016	138.868
Transportation of passengers.....		ID5	11221	110.535	114.905	109.356	113.031	120.854
Transportation and warehousing of goods.....		ID5	11222	138.689	140.970	141.689	141.531	141.838
Services less trade, transportation, and warehousing.....		ID5	1121	103.972	104.533	105.938	105.279	105.175
Construction.....		ID5	113	131.206	131.157	134.052	135.332	136.963
Inputs to stage 1 services producers.....		ID5	12	131.303	131.845	133.629	134.755	137.386
Goods.....		ID5	121	131.198	131.018	135.092	139.458	145.161
Foods.....		ID5	1211	104.702	104.934	107.248	110.465	112.095
Energy.....		ID5	1212	143.694	140.499	148.332	158.796	173.631
Goods excluding foods and energy.....		ID5	1213	132.539	133.813	136.293	137.941	139.540
Services.....		ID5	122	131.088	131.990	132.623	132.122	133.208
Trade services.....		ID5	1223	151.310	152.636	155.370	155.848	160.197
Transportation and warehousing services.....		ID5	1222	127.549	129.583	128.725	129.870	134.543
Transportation of passengers.....		ID5	12221	110.471	114.838	109.293	112.966	120.783
Transportation and warehousing of goods.....		ID5	12222	150.645	151.564	153.284	153.111	156.483
Services less trade, transportation, and warehousing.....		ID5	1221	128.170	128.866	129.444	128.614	128.834
Construction.....		ID5	123	131.206	131.157	134.052	135.332	136.963
Inputs to stage 1 construction producers.....		ID5	13	148.118	149.315	155.251	160.124	165.262
Goods.....		ID5	131	146.379	147.685	152.004	155.983	160.774
Energy.....		ID5	1312	128.006	125.171	135.408	151.510	178.875
Goods excluding foods and energy.....		ID5	1313	151.098	152.964	156.581	159.043	160.968
Services.....		ID5	132	151.579	152.562	161.689	168.330	174.153
Trade services.....		ID5	1323	157.874	158.860	169.617	177.380	182.862
Transportation and warehousing services.....		ID5	1322	119.556	120.576	122.492	124.086	131.828
Transportation and warehousing of goods.....		ID5	13222	123.665	124.721	126.702	128.351	136.359
Services less trade, transportation, and warehousing.....		ID5	1321	122.910	122.980	123.293	124.724	125.127
Intermediate Demand by Production Flow Special Groupings								
Total goods inputs to stage 4 intermediate demand.....	04/10	ID5	9411	134.181	134.950	137.635	139.344	141.249
Total services inputs to stage 4 intermediate demand.....	04/10	ID5	9412	136.263	137.402	138.845	138.455	138.712
Total construction inputs to stage 4 intermediate demand.....	04/10	ID5	9413	130.119	130.070	132.942	134.211	135.828
Total foods inputs to stage 4 intermediate demand.....	04/10	ID5	9414	138.907	139.105	141.088	144.620	149.703
Total energy goods inputs to stage 4 intermediate demand.....	04/10	ID5	9415	121.965	120.258	124.644	129.282	132.998
Total goods less foods and energy inputs to stage 4 intermediate demand.....	04/10	ID5	9416	136.347	137.589	140.159	141.191	142.375
Total goods inputs to stage 3 intermediate demand.....	04/10	ID5	9311	136.665	137.592	141.132	144.838	150.092
Total services inputs to stage 3 intermediate demand.....	04/10	ID5	9312	133.705	134.831	135.759	135.763	136.901
Total construction inputs to stage 3 intermediate demand.....	04/10	ID5	9313	130.119	130.070	132.942	134.211	135.828
Total foods inputs to stage 3 intermediate demand.....	04/10	ID5	9314	134.975	142.331	148.136	155.636	162.422
Total energy goods inputs to stage 3 intermediate demand.....	04/10	ID5	9315	119.492	115.749	123.180	135.705	153.607
Total goods less foods and energy inputs to stage 3 intermediate demand.....	04/10	ID5	9316	146.767	146.811	148.421	148.074	148.953
Total goods inputs to stage 2 intermediate demand.....	04/10	ID5	9211	129.169	121.867	124.877	139.097	134.731
Total services inputs to stage 2 intermediate demand.....	04/10	ID5	9212	130.865	132.419	132.595	132.724	133.756
Total construction inputs to stage 2 intermediate demand.....	04/10	ID5	9213	130.119	130.070	132.942	134.211	135.828
Total foods inputs to stage 2 intermediate demand.....	04/10	ID5	9214	150.005	150.267	156.640	164.598	172.077
Total energy goods inputs to stage 2 intermediate demand.....	04/10	ID5	9215	111.067	97.365	101.825	126.918	114.198
Total goods less foods and energy inputs to stage 2 intermediate demand.....	04/10	ID5	9216	137.063	137.094	137.738	138.598	143.043
Total goods inputs to stage 1 intermediate demand.....	04/10	ID5	9111	127.048	127.036	129.193	131.258	135.260
Total services inputs to stage 1 intermediate demand.....	04/10	ID5	9112	134.109	135.147	136.321	136.353	137.830

See footnotes at end of table.

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

[March 2022, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Nov. 2021	Dec. 2021 ^p	Jan. 2022 ^p	Feb. 2022 ^p	Mar. 2022 ^p
Total construction inputs to stage 1 intermediate demand.	04/10	ID5	9117	130.119	130.070	132.942	134.211	135.828
Total foods inputs to stage 1 intermediate demand.	04/10	ID5	9114	143.014	144.988	146.847	150.352	163.282
Total energy goods inputs to stage 1 intermediate demand.	04/10	ID5	9115	132.343	129.320	134.673	143.208	152.954
Total goods less foods and energy inputs to stage 1 intermediate demand.	04/10	ID5	9116	122.894	123.518	124.912	125.256	127.128

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.

p Preliminary

“-” Data not available.