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Technical information: (202) 691-7705 • ppi-info@bls.gov • www.bls.gov/ppi

Media contact: (202) 691-5902 • PressOffice@bls.gov

PRODUCER PRICE INDEXES – JULY 2025

The Producer Price Index for final demand rose 0.9 percent in July, seasonally adjusted, the U.S. Bureau of Labor Statistics reported today. Final demand prices were unchanged in June and moved up 0.4 percent in May. (See table A.) On an unadjusted basis, the index for final demand advanced 3.3 percent for the 12 months ended in July, the largest 12-month increase since rising 3.4 percent in February 2025.

Within final demand, more than three-quarters of the broad-based advance in July can be traced to the index for final demand services, which rose 1.1 percent. Prices for final demand goods increased 0.7 percent.

The index for final demand less foods, energy, and trade services moved up 0.6 percent in July, the largest increase since rising 0.9 percent in March 2022. For the 12 months ended in July, prices for final demand less foods, energy, and trade services advanced 2.8 percent.

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

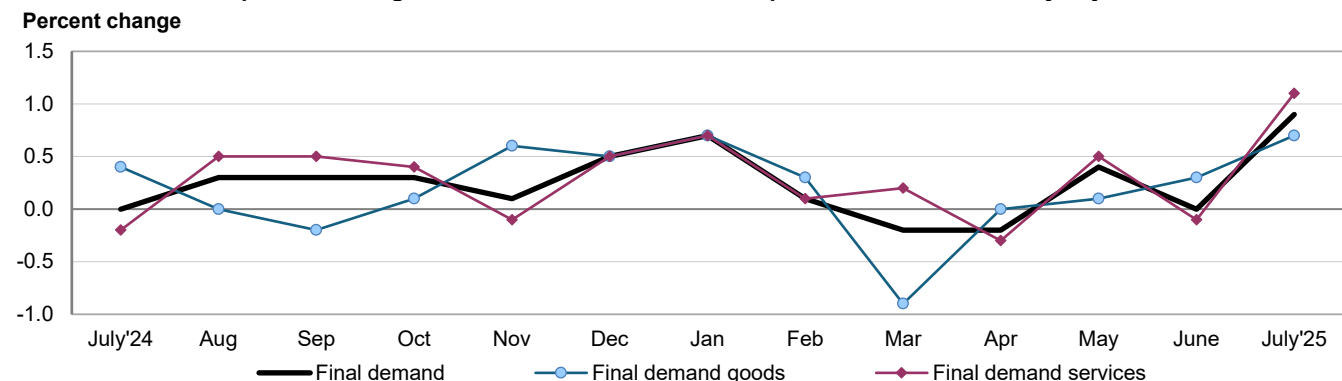
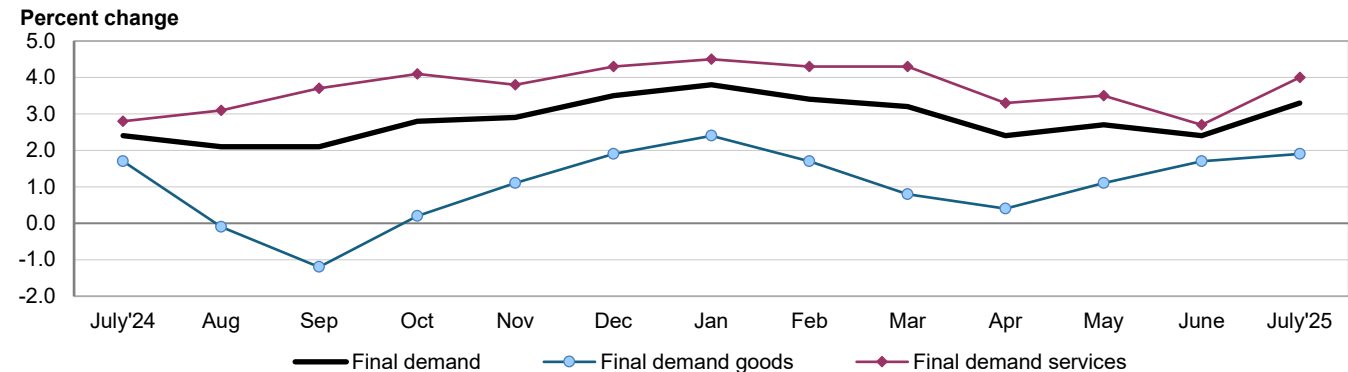


Chart 2. Twelve-month percent changes in selected PPI final demand price indexes, not seasonally adjusted



Final Demand

Final demand services: The index for final demand services moved up 1.1 percent in July, the largest advance since rising 1.3 percent in March 2022. Over half of the broad-based July increase is attributable to margins for final demand trade services, which jumped 2.0 percent. (Trade indexes measure changes in margins received by wholesalers and retailers.) Prices for final demand services less trade, transportation, and warehousing and for final demand transportation and warehousing services advanced 0.7 percent and 1.0 percent, respectively.

Product detail: Thirty percent of the July rise in prices for final demand services can be traced to margins for machinery and equipment wholesaling, which jumped 3.8 percent. The indexes for portfolio management; securities brokerage, dealing, investment advice, and related services; traveler accommodation services; automobiles retailing (partial); and truck transportation of freight also advanced. In contrast, prices for hospital outpatient care fell 0.5 percent. The indexes for furniture retailing and for pipeline transportation of energy products also declined. (See table 2.)

Final demand goods: Prices for final demand goods moved up 0.7 percent in July, the largest advance since rising 0.7 percent in January. Forty percent of the broad-based increase in July can be attributed to the index for final demand foods, which jumped 1.4 percent. Prices for final demand goods less foods and energy and for final demand energy moved up 0.4 percent and 0.9 percent, respectively.

Product detail: A quarter of the July advance in the index for final demand goods can be traced to prices for fresh and dry vegetables, which jumped 38.9 percent. The indexes for meats, diesel fuel, jet fuel, nonferrous scrap, and eggs for fresh use also rose. Conversely, prices for gasoline decreased 1.8 percent. The indexes for canned, cooked, smoked, or prepared poultry and for plastic resins and materials also declined.

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		
2024												
July....	0.0	0.4	0.4	0.2	1.5	0.2	-0.2	-1.7	1.2	0.4	2.4	3.5
Aug....	0.3	0.2	0.0	0.7	-1.5	0.2	0.5	1.1	-0.7	0.4	2.1	3.5
Sept...	0.3	0.2	-0.2	0.5	-2.0	0.1	0.5	1.2	0.0	0.3	2.1	3.4
Oct....	0.3	0.3	0.1	-0.6	0.3	0.2	0.4	0.7	0.3	0.3	2.8	3.6
Nov....	0.1	0.1	0.6	2.1	0.4	0.2	-0.1	-0.6	-0.2	0.1	2.9	3.6
Dec....	0.5	0.4	0.5	0.3	2.2	0.1	0.5	0.5	2.5	0.3	3.5	3.6
2025												
Jan.. ..	0.7	0.4	0.7	1.0	2.0	0.2	0.7	1.2	0.6	0.4	3.8	3.5
Feb...	0.1	0.4	0.3	1.6	-1.4	0.3	0.1	-0.8	0.0	0.5	3.4	3.6
Mar. ¹ ..	-0.2	0.1	-0.9	-2.2	-3.9	0.3	0.2	0.4	-1.7	0.3	3.2	3.5
Apr. ¹ ..	-0.2	-0.2	0.0	-0.9	-0.3	0.3	-0.3	-0.3	0.1	-0.4	2.4	2.8
May ¹ ..	0.4	0.1	0.1	0.0	-0.4	0.3	0.5	1.5	0.0	0.1	2.7	2.7
June ¹ ..	0.0	0.0	0.3	0.1	0.9	0.2	-0.1	-0.3	-0.8	0.1	2.4	2.5
July....	0.9	0.6	0.7	1.4	0.9	0.4	1.1	2.0	1.0	0.7	3.3	2.8

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

Intermediate Demand by Commodity Type

Within intermediate demand in July, prices for processed goods increased 0.8 percent, the index for unprocessed goods rose 1.8 percent, and prices for services advanced 0.8 percent. (See tables B and C.)

Processed goods for intermediate demand: The index for processed goods for intermediate demand moved up 0.8 percent in July, the largest increase since rising 1.0 percent in January. Leading the July advance, prices for processed energy goods jumped 2.2 percent. The index for processed materials less foods and energy moved up 0.5 percent. In contrast, prices for processed foods and feeds declined 0.1 percent. For the 12 months ended in July, the index for processed goods for intermediate demand increased 2.1 percent, the largest 12-month advance since rising 2.1 percent in February 2023.

Product detail: Over half of the July increase in prices for processed goods for intermediate demand is attributable to the diesel fuel index, which jumped 11.8 percent. Prices for industrial electric power, jet fuel, meats, aluminum mill shapes, and commercial electric power also moved higher. Conversely, the index for canned, cooked, smoked, or prepared poultry fell 14.1 percent. Prices for natural gas to electric utilities and for cold rolled steel sheet and strip also decreased.

Unprocessed goods for intermediate demand: The index for unprocessed goods for intermediate demand rose 1.8 percent in July after advancing 2.6 percent in June. In July, nearly two-thirds of the broad-based increase can be traced to prices for unprocessed foodstuffs and feedstuffs, which jumped 2.9 percent. The indexes for unprocessed nonfood materials less energy and for unprocessed energy materials also moved higher, rising 2.0 percent and 0.5 percent, respectively. For the 12 months ended in July, prices for unprocessed goods for intermediate demand advanced 0.5 percent.

Product detail: Over 30 percent of the July increase in prices for unprocessed goods for intermediate demand is attributable to the index for raw milk, which jumped 9.1 percent. Prices for crude petroleum, nonferrous scrap, slaughter poultry, livestock, and corn also moved higher. In contrast, the natural gas index declined 2.1 percent. Prices for oilseeds and for recyclable paper also fell.

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

Month	Processed goods for intermediate demand					Unprocessed goods for intermediate demand				
	Total	Foods and feeds	Energy goods	Less foods and energy	Total, change from 12 months ago (unadj.)	Total	Food-stuffs and feed-stuffs	Energy materials	Nonfood materials less energy	Total, change from 12 months ago (unadj.)
2024										
July.....	0.5	1.0	2.4	0.0	0.8	2.0	1.6	3.2	0.8	1.4
Aug.....	-0.1	0.2	-0.8	0.1	-1.3	-3.2	-0.9	-6.7	-0.9	-3.9
Sept.....	-0.8	0.7	-4.1	-0.1	-2.7	-1.9	3.1	-9.6	1.5	-8.2
Oct.....	0.3	-0.2	1.0	0.2	-1.4	2.3	-1.5	7.6	1.1	-4.2
Nov.....	0.1	0.6	-0.5	0.1	-0.6	0.0	2.6	-3.0	0.2	-2.2
Dec.....	0.2	0.3	1.1	-0.1	0.1	2.9	1.2	8.0	-1.7	4.5
2025										
Jan.....	1.0	0.8	3.6	0.4	1.0	5.8	2.4	12.3	1.3	8.3
Feb.....	0.4	2.0	-0.1	0.3	0.3	0.2	4.0	-4.2	1.4	9.3
Mar. ¹	-0.1	-0.5	-2.8	0.7	0.7	-3.9	-5.9	-5.0	1.0	6.5
Apr. ¹	0.3	-0.9	0.0	0.5	0.5	-3.8	-3.4	-7.3	1.0	0.2
May ¹	0.1	0.6	-2.0	0.5	1.7	-1.8	1.2	-5.6	-1.3	-1.4
June ¹	0.0	-0.3	0.5	0.0	1.9	2.6	0.7	6.1	0.7	0.7
July.....	0.8	-0.1	2.2	0.5	2.1	1.8	2.9	0.5	2.0	0.5

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

Services for intermediate demand: The index for services for intermediate demand rose 0.8 percent in July, the largest increase since moving up 0.8 percent in January 2024. More than half of the broad-based advance in July can be traced to prices for services less trade, transportation, and warehousing for intermediate demand, which climbed 0.6 percent. The indexes for trade services for intermediate demand and for transportation and warehousing services for intermediate demand also moved up, 1.3 percent and 0.8 percent, respectively. For the 12 months ended in July, prices for services for intermediate demand rose 2.0 percent.

Product detail: Nearly 20 percent of the July increase in the index for services for intermediate demand can be attributed to a 3.2-percent advance in prices for securities brokerage, dealing, investment advice, and related services. The indexes for portfolio management; courier, messenger, and U.S. postal services; food and alcohol wholesaling; data processing and related services; and metals, minerals, and ores wholesaling also rose. Conversely, prices for business loans (partial) fell 1.3 percent. The indexes for pipeline transportation of energy products and for building materials, paint, and hardware wholesaling 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	Trade	Transportation and warehousing	Other	Total, change from 12 months ago (unadj.)
2024					
July.....	0.3	0.4	0.7	0.2	3.6
Aug.....	0.1	0.2	-0.2	0.2	3.8
Sept.....	0.2	0.3	0.1	0.2	3.6
Oct.....	0.1	0.2	0.3	0.0	3.8
Nov.....	-0.2	0.7	0.1	-0.4	3.0
Dec.....	0.6	-0.1	1.2	0.6	3.1
2025					
Jan.....	0.1	0.9	0.4	-0.2	2.4
Feb.....	0.0	0.4	0.1	-0.1	2.5
Mar. ¹	0.3	2.6	-0.4	-0.1	2.6
Apr. ¹	-0.2	-2.1	0.3	0.2	2.1
May ¹	0.1	0.1	-0.2	0.2	2.0
June ¹	0.1	0.2	0.4	0.0	1.5
July.....	0.8	1.3	0.8	0.6	2.0

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Intermediate Demand by Production Flow

Stage 4 intermediate demand: In July, prices for stage 4 intermediate demand advanced 0.8 percent, the largest rise since jumping 1.0 percent in January 2023. In July, the index for total services inputs to stage 4 intermediate demand increased 1.0 percent, and prices for total goods inputs rose 0.5 percent. (See table D.) Advances in the indexes for portfolio management; securities brokerage, dealing, investment advice, and related services; courier, messenger, and U.S. postal services; food and alcohol wholesaling; meats; and diesel fuel outweighed decreases in prices for natural gas to electric utilities, cherries, and business loans (partial). For the 12 months ended in July, the index for stage 4 intermediate demand moved up 2.6 percent, the largest 12-month increase since rising 2.6 percent in March 2025.

Stage 3 intermediate demand: In July, the index for stage 3 intermediate demand advanced 1.1 percent, the largest increase since moving up 1.2 percent in August 2023. In July, prices for total goods inputs to stage 3 intermediate demand jumped 2.0 percent, and the index for total services inputs rose 0.5 percent. Increases in prices for diesel fuel; raw milk; jet fuel; courier, messenger, and U.S. postal services; slaughter poultry; and livestock outweighed declines in the indexes for freight forwarding, metal coating and allied services, and ungraded chicken eggs. For the 12 months ended in July, prices for stage 3 intermediate demand rose 2.1 percent, the largest 12-month advance since moving up 2.1 percent in February 2025.

Stage 2 intermediate demand: In July, prices for stage 2 intermediate demand advanced 0.5 percent after rising 0.9 percent in June. In July, the index for total goods inputs to stage 2 intermediate demand increased 0.6 percent, and prices for total services inputs moved up 0.4 percent. Advances in the indexes for crude petroleum, food and alcohol wholesaling, nonferrous scrap, data processing and related services, portfolio management, and carbon steel scrap outweighed declining prices for pipeline transportation of energy products, natural gas, and business loans (partial). For the 12 months ended in July, the index for stage 2 intermediate demand fell 0.2 percent.

Stage 1 intermediate demand: Prices for stage 1 intermediate demand increased 1.1 percent in July, the largest advance since rising 1.3 percent in August 2023. In July, the index for total services inputs to stage 1 intermediate demand jumped 1.4 percent, and prices for total goods inputs moved up 0.8 percent. Increases in the indexes for securities brokerage, dealing, investment advice, and related services; diesel fuel; data processing and related services; portfolio management; courier, messenger, and U.S. postal services; and traveler accommodation services outweighed decreasing indexes for natural gas to electric utilities; soybean cake and meal; and building materials, paint, and hardware wholesaling. For the 12 months ended in July, prices for stage 1 intermediate demand advanced 2.5 percent, the largest 12-month rise since moving up 3.8 percent in February 2023.

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

Month	Stage 4 intermediate demand			Stage 3 intermediate demand			Stage 2 intermediate demand			Stage 1 intermediate demand		
	Total	Goods inputs	Ser-vices inputs	Total	Goods inputs	Ser-vices inputs	Total	Goods inputs	Ser-vices inputs	Total	Goods inputs	Ser-vices inputs
2024												
July.....	0.5	0.1	0.8	0.7	1.2	0.3	0.6	1.5	-0.1	0.6	0.7	0.5
Aug.....	0.0	0.0	0.1	-0.2	-0.4	0.0	-1.1	-2.9	0.2	0.1	-0.1	0.2
Sept.....	0.0	0.1	-0.1	-0.1	-0.5	0.3	-1.2	-3.7	0.6	-0.5	-0.9	-0.1
Oct.....	0.2	0.1	0.3	0.0	-0.1	0.0	1.3	3.3	0.0	0.1	0.2	0.0
Nov.....	0.1	0.3	-0.1	0.1	0.6	-0.3	-0.8	-1.4	-0.4	-0.1	0.0	-0.1
Dec.....	0.5	0.2	0.7	0.3	0.2	0.5	1.4	2.7	0.5	0.4	0.0	0.8
2025												
Jan.....	0.4	0.5	0.4	1.0	2.0	0.3	1.9	5.5	-0.5	0.9	1.2	0.6
Feb.....	0.2	0.3	0.1	0.5	1.4	-0.3	-0.7	-1.5	-0.1	0.3	0.5	0.1
Mar. ¹	0.2	0.0	0.3	-0.5	-1.7	0.4	-0.6	-2.0	0.4	0.2	0.1	0.4
Apr. ¹	0.1	0.5	-0.3	-0.5	-1.0	-0.1	-1.1	-2.6	-0.1	-0.1	0.3	-0.5
May ¹	0.0	0.2	-0.1	0.2	0.3	0.1	-0.7	-2.0	0.2	0.1	0.1	0.1
June ¹	0.1	0.1	0.0	0.1	-0.1	0.3	0.9	2.4	0.0	0.0	0.1	-0.1
July.....	0.8	0.5	1.0	1.1	2.0	0.5	0.5	0.6	0.4	1.1	0.8	1.4

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The Producer Price Index for August 2025 is scheduled to be released on Wednesday, September 10, 2025, at 8:30 a.m. (ET).

BLS Discontinues Selected PPIs

With the release of Producer Price Index (PPI) data for July 2025 on August 14, 2025, BLS has ended calculation and publication of 5 Final Demand–Intermediate Demand (FD-ID) indexes, listed below.

FD-ID code	FD-ID Title
FD49103	Final demand less foods, food and nonalcoholic beverages for immediate consumption, and energy
FD49105	Final demand less foods and food and nonalcoholic beverages for immediate consumption
FD49202	Total finished less foods, food and nonalcoholic beverages for immediate consumption, and energy
FD49204	Total finished less foods and food and nonalcoholic beverages for immediate consumption
ID69215	Nonfood materials excluding fuel for manufacturing, excluding selected items

In addition, with the release of July 2025 PPI data, BLS has stopped calculation and publication of about 350 PPIs from the industry, commodity, and special index categories. Details of these index eliminations are available at www.bls.gov/ppi/notices/2025/bls-to-discontinue-selected-ppis.htm.

For further information, contact the PPI Section of Index Analysis and Public Information at ppi-info@bls.gov or (202) 691-7705.

Technical Note

Brief Explanation of Producer Price Indexes

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

More than 10,000 PPIs for individual products and groups of products are released each month. PPIs are available for the products of virtually every industry in the mining and manufacturing sectors. Over time, new PPIs have been introduced for products of industries in the services and construction sectors of the U.S. economy. As of January 2023, the PPI covered 69 percent of services as measured by 2017 Census revenue, and 17 percent of construction.

More than 64,000 price quotations per month are organized into three sets of PPIs: (1) Final demand-Intermediate demand (FD-ID) indexes, (2) commodity indexes, and (3) indexes for the net output of industries and their products. The FD-ID structure organizes products by class of buyer and degree of fabrication as well as by stage of production. The commodity structure organizes products by similarity of end use or product type. The entire output of various industries is sampled to derive price indexes for the net output of industries and their products.

Final Demand–Intermediate Demand Indexes

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

Compared with finished goods under the SOP system, the PPI for final demand goods includes nearly a 50 percent expansion of coverage. This increase can be traced to the addition of government purchases and exports. For overall final demand, expansion to include final demand services represents an even larger increase in coverage. In December 2022, final demand goods were about 30.7 percent of overall final demand, final demand services were roughly 66.6 percent, and final demand construction was about 2.7 percent of final demand. Within intermediate demand, coverage of services for intermediate demand resulted in about a 45 percent increase in coverage of the intermediate demand portion of the economy.

FD-ID indexes are constructed from commodity-based producer output price indexes. Commodities are allocated to aggregate indexes primarily based on the type of buyer. The main source of data used to determine the type of buyer is the "Use of commodities by industries, before redefinition," table

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

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

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

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

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

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

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

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

Indexes for the four stages were developed by first assigning each industry in the economy to one of four stages of production, where industries assigned to the fourth stage primarily produce output consumed as final demand, industries in the third stage primarily produce output consumed by stage 4 industries, industries assigned to the second stage primarily produce output consumed by stage 3 industries, and industries assigned to the first stage produce output primarily consumed by stage 2 industries. The four indexes then track prices for the net inputs consumed by industries in each of the four stages of production. The stage 4

intermediate demand index, for example, tracks price change for inputs consumed, but not produced, by industries included in the fourth stage of production. Hence, the index tracks price change in inputs to industries that primarily produce final demand commodities (stage 4 producers primarily produce commodities sold to final demand).

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

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

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

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

Comparing the PPI with CPI

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

Commodity Indexes

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

Industry Net-Output Price Indexes

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

Indexes may represent one of three kinds of product categories. Every industry has primary product indexes that show changes in prices received by establishments classified in the industry for products made primarily, but not necessarily exclusively, by that industry. The industry classification of an establishment is determined by which products make up a plurality of its total shipment value. In

addition, most industries have secondary product indexes that show changes in prices received by establishments for products chiefly made in some other industry. Some industries have miscellaneous receipts indexes that track price changes for other sources of revenue received by establishments within the industry that are not derived from sales of their products; for example, resales of purchased materials, or revenues from parking lots owned by a manufacturing plant.

Data Collection

PPIs are constructed using selling prices reported by establishments of all sizes, selected by probability sampling, with the probability of selection proportionate to size. Individual items and transaction terms also are chosen by probability proportionate to size. BLS strongly encourages cooperating companies to supply actual transaction prices at the time of shipment to minimize the use of list prices. Prices submitted by survey respondents are effective on the Tuesday of the week containing the 13th day of the month. The survey is conducted online via the BLS Internet Data Collection Facility (IDCF). Data provided by survey respondents are supplemented with data from other sources for some areas.

Price data are provided by survey respondents on a voluntary and confidential basis; only sworn BLS employees are allowed access to individual company price reports. BLS publishes price indexes, not actual prices. All PPIs are subject to monthly revisions up to 4 months after original publication to reflect the availability of late reports and corrections by respondents.

BLS periodically updates the PPI sample of survey respondents to better reflect current conditions when the structure, membership, technology, or product mix of an industry shifts significantly and to spread reporting burden among smaller firms. Information on these resampling efforts are noted in the *PPI News Release* and *PPI Detailed Report* in the months they occur.

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

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

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

Title	Code	PPI Detailed Report Issue
SIC		
Retail bakeries	5461	July 2000
Miscellaneous food stores	5499	July 2000
New car dealers	5511	July 2000
Gasoline service stations	5541	January 2002
Boat dealers	5551	January 2002
Recreational vehicle dealers	5561	January 2002
Miscellaneous retail	59	January 2001
Security brokers, dealers, and investment bankers	6211	January 2001
Investment advice	6282	January 2003
Life insurance carriers	6311	January 1999
Property and casualty insurance	6331	July 1998
Insurance agencies and brokerages ...	6412	January 2003
Operators and lessors of nonresidential buildings	6512	January 1996
Real estate agents and managers	6531	January 1996
Prepackaged software	7372	January 1998
Data processing services	7374	January 2002
Home health care services	8082	January 1997
Legal services	8111	January 1997
Engineering design, analysis, and consulting services	8711	January 1997
Architectural design, analysis, and consulting services	8712	January 1997
Premiums for property and casualty insurance	9331	July 1998
NAICS		
New Industrial building construction	236211	January 2008
New warehouse building construction ..	236221	July 2005
New school construction	236222	July 2006
New office construction	236223	January 2007
New health care building construction..	236224	January 2013
Concrete contractors, nonresidential building work	23811X	July 2008
Roofing contractors, nonresidential building work	23816X	July 2008
Electrical contractors, nonresidential building work	23821X	July 2008
Plumbing / HVAC contractors, nonresidential building work	23822X	July 2008
Merchant wholesalers, durable goods..	423	July 2005
Merchant wholesalers, nondurable goods	424	July 2005
Electronics and appliance stores	443	January 2004
Building material and garden equipment and supplies dealers.....	444	January 2004
Sporting goods, hobby, book, and music stores	451	January 2004
General merchandise stores	452	January 2004
Miscellaneous store retailers	453	January 2004
Pipeline transportation of natural gas....	486210	June 2022
Internet service providers	518111	July 2005
Internet publishing and web search portals	519130	January 2010
Commercial banking	522110	January 2005
Savings institutions	522120	January 2005
Direct health and medical insurance carriers	524114	July 2004

Title	Code	PPI Detailed Report Issue
NAICS		
Construction, mining, and forestry machinery and equipment rental and leasing	532412	January 2005
Management consulting services	541610	January 2007
Security guards and patrol services	561612	July 2005
Offices of dentists	621210	January 2011
Blood and organ banks	621991	January 2007
Amusement and theme parks	713110	July 2006
Golf courses and country clubs	713910	July 2006
Fitness and recreational sports centers.	713940	July 2005
Commercial machinery repair and maintenance.....	811310	July 2007

Weights

Weights for most commodity groupings of the PPI, as well as, weights for commodity-based aggregate indexes calculated from commodity groupings, such as FD-ID indexes, currently reflect 2017 values of shipments as reported in the *Census of Manufactures* and other sources. From January 2018 to December 2022, PPI weights were derived from 2012 shipment values. Industry indexes now are calculated under the 2022 NAICS structure utilizing 2017 value of shipment weights and 2012 net output ratios. The periodic update of the value weights used to calculate the PPI is done to more accurately reflect changes in production and marketing patterns in the economy.

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

Price Index Reference Base

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

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

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

Calculating Index Changes

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

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

Index point change

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

Index percent change

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

Seasonally Adjusted and Unadjusted Data

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

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

Seasonal adjustment is accomplished using X-13 ARIMA, a software package published by the U.S. Census Bureau. Each year, the seasonal status of most commodity indexes is reevaluated to reflect more recent price behavior. Industry net output indexes are not seasonally adjusted. For time series that exhibit seasonal pricing patterns, new seasonal factors are estimated and applied to the unadjusted data from the prior 5 years. Updated seasonally adjusted indexes replace the most recent 5 years of seasonal data.

Seasonal factors may be applied to series using either a direct or an aggregative method. Generally, commodity indexes are seasonally adjusted using direct seasonal adjustment, which produces a more complete elimination of seasonal movements than does the aggregative method. However, the direct seasonal adjustment process may not yield figures that possess additive consistency. Thus, a seasonally adjusted index for a broad category that is directly adjusted may not be logically consistent with all seasonally adjusted indexes for its components. Seasonal movements for FD-ID indexes are derived indirectly through an aggregative method that combines movements of a wide variety of subproduct class (six-digit) series.

Seasonally adjusted indexes can become problematic when previously stable and predictable price patterns abruptly change. If the new pattern persists, the seasonal adjustment method will eventually reflect it; if the pattern keeps shifting, however, seasonally adjusted data will become chronically troublesome. This problem occurs relatively infrequently for farm and food-related products, but has more often affected manufactured products such as automobiles and steel.

Since January 1988, the PPI has used Intervention Analysis Seasonal Adjustment methods to enhance the calculation of seasonal factors. With this technique, outlier values that may distort the seasonal pattern are removed from the data prior to applying the standard seasonal factor estimation procedure. For example, a possible economic cause for large price movements for petroleum-based products might have been the COVID-19 pandemic. In this case, intervention techniques allowed for better estimates of seasonally adjusted data. On the whole, very few series have required intervention. Out of over 400 seasonally adjusted commodity series, 69 were subject to intervention in 2023.

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

Producer Price Index Data on the Internet

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

Retrieving PPI data from the PPI Web site

PPI data can be obtained online (www.bls.gov/ppi). On this page, under the tab labeled “Featured PPI databases” links provide the following methods of data retrieval:

- **Top Picks** is a form-based application for both Industry Data and Commodity Data that allows the user to quickly obtain PPI time series data by selecting the high-level aggregate and other commonly requested time series, including the All Commodities Index and the FD-ID indexes (for example, Final Demand). Within each list, any one—or all—of the time series shown can be selected. A user can modify the date range and output options after executing the query, using the reformat button above the data output table.
- **One-Screen Data Search and Multi-Screen Data Search** are form-based query applications for both Industry Data and Commodity Data designed for users unfamiliar with the PPI coding structure. These applications guide a user through the PPI classification by listing index titles and do not require knowledge of commodity or industry codes. Data retrieved are based on a query formulated by selecting data characteristics from lists provided. Two options are available to create customized tables, depending on a user’s browser capability. The one-screen option is a JavaScript application that uses a single screen to guide a user through the available time series data. The second option is a multiple-screen, non-Java-based application. Both methods allow a user to browse the PPI coding structure and select multiple series. Users can modify the date range and output options after executing the query using the reformat button above the data output table.
- **Series Report** is a form-based application that allows users to input multiple, formatted PPI time series identifiers (commodity or industry codes) as inputs in extracting data according to a specified set of date ranges and output options. This application provides the most efficient path for users who are familiar with the format of PPI time series identifiers. There are five alphabetic prefixes used to create unique PPI time series identifiers: WP, WD, PC, PD, and ND. Each provides the user access to a different PPI database. Adding either a “u” (not seasonally adjusted) or an “s” (seasonally adjusted) to the end of these prefixes further specifies the type of data needed.

EXAMPLES

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

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

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

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

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

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

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

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

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

*Industry-product code,
discontinued NAICS series*

ndu212231212231
ndu2122312122312
ndu212231212231214

Provides data for

Lead and zinc ore mining
Lead, zinc concentrates
Lead concentrates

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

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

Additional information

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

For questions or comments regarding PPI data classification, methodology, or data availability on the Internet, call or e-mail the Section of Index Analysis and Public Information at (202) 691-7705 or ppi-info@bls.gov. If you are deaf, hard of hearing, or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted
[July 2025]

Grouping	Commodity code		Relative Importance Dec. 2024 ¹	Unadjusted 12-month percent change ² July 2024 to July 2025 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P	June to July ^P
Final Demand									
Final demand.....	FD	4	100.000	3.3	-0.2	-0.2	0.4	0.0	0.9
Final demand goods.....	FD	41	29.686	1.9	-0.9	0.0	0.1	0.3	0.7
Final demand foods.....	FD	411	5.698	4.2	-2.2	-0.9	0.0	0.1	1.4
Finished consumer foods ³	FD	4111	4.427	4.7	-2.3	-1.2	0.0	0.1	1.6
Finished consumer foods, crude.....	FD	41113	0.467	14.8	-16.1	-14.4	-3.5	-5.5	12.8
Finished consumer foods, processed.....	FD	41112	3.960	3.8	-0.4	0.4	0.3	0.6	0.6
Government purchased foods.....	FD	4112	0.410	5.0	-0.9	-0.2	0.5	0.5	1.8
Foods for export.....	FD	4113	0.861	1.2	-2.0	0.4	0.0	0.0	0.2
Final demand energy.....	FD	412	5.224	-3.2	-3.9	-0.3	-0.4	0.9	0.9
Finished consumer energy goods ³	FD	4121	4.127	-2.8	-3.8	-0.3	0.4	1.1	-0.1
Government purchased energy.....	FD	4122	0.749	-3.7	-3.8	0.3	-3.0	-0.5	4.9
Energy for export.....	FD	4123	0.348	-6.5	-4.1	-1.8	-3.9	1.2	4.5
Final demand goods less foods and energy.....	FD	413	18.764	2.8	0.3	0.3	0.3	0.2	0.4
Finished goods less foods and energy ³	FD	4131	10.840	2.8	0.2	0.3	0.3	0.3	0.3
Finished consumer goods less foods and energy.....	FD	41311	5.749	2.5	0.1	0.3	0.3	0.3	0.2
Nondurable consumer goods less foods and energy.....	FD	413111	3.501	2.4	0.0	0.4	0.2	0.2	0.1
Durable consumer goods.....	FD	413112	2.248	2.6	0.2	0.2	0.5	0.3	0.3
Private capital equipment.....	FD	41312	5.091	3.3	0.3	0.4	0.3	0.3	0.3
Private capital equipment for manufacturing industries.....	FD	413121	1.257	4.4	0.3	0.5	0.4	0.5	0.4
Private capital equipment for nonmanufacturing industries.....	FD	413122	3.834	2.9	0.3	0.3	0.3	0.3	0.3
Government purchased goods, excluding foods and energy.....	FD	4132	1.950	2.9	0.1	0.4	0.3	0.3	0.3
Government purchased goods excluding foods, energy, and capital equipment.....	FD	41321	1.129	2.6	0.1	0.1	0.3	0.3	0.3
Government purchased capital equipment.....	FD	41322	0.821	3.4	0.2	0.9	0.2	0.2	0.3
Goods for export, excluding foods and energy.....	FD	4133	5.974	2.5	0.6	0.3	0.1	0.1	0.6
Final demand services.....	FD	42	67.708	4.0	0.2	-0.3	0.5	-0.1	1.1
Final demand trade services ⁴	FD	423	19.365	6.9	0.4	-0.3	1.5	-0.3	2.0
Trade of finished goods ³	FD	4231	16.632	6.6	0.2	0.0	1.5	-0.3	1.9
Trade of personal consumption goods.....	FD	42311	13.485	4.9	0.0	0.2	1.2	-0.3	1.3
Trade of private capital equipment.....	FD	42312	3.147	14.5	1.2	-0.9	2.8	-0.4	4.5
Trade of government purchased goods.....	FD	4232	0.775	8.4	1.3	-1.7	1.8	-0.2	3.1
Trade of government purchased goods, excluding capital equipment.....	FD	42321	0.475	3.0	1.5	-1.9	0.5	-0.3	1.5
Trade of government purchased capital equipment.....	FD	42322	0.300	17.7	0.9	-1.3	3.8	0.0	5.6
Trade of exports.....	FD	4233	1.958	8.2	1.5	-1.7	1.3	0.0	2.7
Final demand transportation and warehousing services.....	FD	422	4.909	0.9	-1.7	0.1	0.0	-0.8	1.0
Transportation of passengers for final demand.....	FD	4221	1.303	1.0	-1.5	-1.8	-0.9	-2.3	1.0
Transportation of private passengers.....	FD	42211	0.879	1.0	-1.5	-1.8	-0.9	-2.3	1.0
Transportation of government passengers.....	FD	42212	0.105	1.0	-1.5	-1.8	-0.8	-2.3	1.0
Transportation of passengers for export.....	FD	42213	0.319	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Transportation and warehousing of goods for final demand.....	FD	4222	3.606	0.8	-1.8	0.7	0.2	-0.3	1.0
Transportation and warehousing of finished goods ³	FD	42221	2.327	0.5	-2.0	0.7	0.2	-0.4	1.1
Transportation and warehousing of personal consumption goods.....	FD	422211	1.878	0.7	-1.9	0.7	0.2	-0.4	1.1
Transportation and warehousing of private capital equipment.....	FD	422212	0.449	-0.4	-2.2	0.8	0.2	-0.5	0.9
Transportation and warehousing of government purchased goods.....	FD	42222	0.217	1.3	-1.6	0.7	0.1	-0.4	1.1
Transportation and warehousing of exports.....	FD	42223	1.062	1.3	-1.4	0.7	0.3	0.0	0.8
Final demand services less trade, transportation, and warehousing.....	FD	421	43.434	3.1	0.3	-0.4	0.1	0.1	0.7
Finished services less trade, transportation, and warehousing ³	FD	4211	37.806	3.2	0.3	-0.3	0.1	0.1	0.6
Finished consumer services less trade, transportation, and warehousing.....	FD	42111	33.352	3.6	0.3	-0.3	0.1	0.1	0.6
Private capital investment services less trade, transportation, and warehousing.....	FD	42112	4.454	0.8	0.4	-0.8	0.1	-0.1	0.3
Government purchased services less trade, transportation, and warehousing.....	FD	4212	2.838	3.7	0.0	-0.5	0.6	0.1	1.2
Gov. purchased services less trade, transportation, and warehousing, excl. capital investment.....	FD	42121	2.673	4.1	0.0	-0.4	0.6	0.1	1.2
Government purchased capital investment services less trade, transportation, and warehousing.....	FD	42122	0.165	-1.4	-0.1	-2.0	0.0	-0.4	0.9
Services for export less trade, transportation, and warehousing.....	FD	4213	2.790	0.8	0.0	-1.3	-0.2	0.0	1.1
Final demand construction.....	FD	43	2.606	1.1	-0.1	-0.5	0.2	0.1	0.6
Construction for private capital investment.....	FD	431	1.806	0.9	-0.1	-0.5	0.2	0.2	0.6
Construction for government.....	FD	432	0.800	1.4	0.1	-0.5	0.1	0.1	0.6
Special Groupings of Final Demand									
Final demand less exports.....	FD	49101	86.688	3.4	-0.2	-0.2	0.4	0.0	0.9
Final demand less government.....	FD	49102	92.156	3.3	-0.2	-0.2	0.4	0.0	0.9
Final demand less foods and energy ⁵	FD	49104	89.078	3.7	0.2	-0.2	0.4	0.0	0.9

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[July 2025]

Grouping	Commodity code		Relative Importance Dec. 2024 ¹	Unadjusted 12-month percent change ² July 2024 to July 2025 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P	June to July ^P
Final demand less foods ⁵	FD	49106	94.302	3.2	-0.1	-0.2	0.4	0.0	0.9
Final demand less energy.....	FD	49107	94.776	3.7	0.0	-0.2	0.4	0.0	0.9
Final demand less trade services.....	FD	49108	80.635	2.5	-0.3	-0.2	0.1	0.1	0.7
Final demand less distributive services ⁶	FD	49109	77.029	2.5	-0.2	-0.3	0.1	0.1	0.7
Final demand goods less energy.....	FD	49111	24.462	3.1	-0.3	0.0	0.2	0.2	0.6
Final demand goods less foods.....	FD	49112	23.988	1.4	-0.6	0.2	0.1	0.4	0.5
Final demand services less trade services.....	FD	49113	48.343	2.9	0.1	-0.4	0.1	0.0	0.7
Final demand distributive services ⁶	FD	49114	22.971	5.9	0.0	-0.1	1.3	-0.3	1.9
Final demand goods plus final demand distributive services ⁶	FD	49115	52.657	3.6	-0.5	-0.1	0.6	0.1	1.2
Final demand less foods, energy, and trade services ⁵	FD	49116	69.713	2.8	0.1	-0.2	0.1	0.0	0.6
Private and government purchased capital equipment.....	FD	49117	5.912	3.3	0.3	0.4	0.3	0.3	0.3
Private and government purchased capital investment services.....	FD	49118	8.515	6.1	0.6	-0.8	1.2	-0.2	2.1
Total private and government purchased capital investment.....	FD	49119	14.427	4.3	0.4	-0.3	0.8	0.0	1.2
Total finished ³	FD	49201	78.844	3.5	-0.2	-0.2	0.4	0.0	0.9
Total finished less foods and energy ^{3, 5}	FD	49203	70.290	3.8	0.2	-0.1	0.4	0.0	0.9
Total finished less foods ^{3, 5}	FD	49205	74.417	3.4	-0.1	-0.2	0.4	0.0	0.8
Total finished less energy ³	FD	49206	74.717	3.8	0.0	-0.2	0.4	0.0	0.9
Finished goods ³	FD	49207	19.394	1.9	-1.3	-0.2	0.3	0.4	0.5
Finished goods less energy ³	FD	49208	15.267	3.4	-0.6	-0.1	0.2	0.2	0.6
Finished goods, excluding foods ^{3, 5}	FD	49209	14.967	1.2	-1.0	0.1	0.4	0.5	0.1
Finished services ³	FD	49210	57.644	4.1	0.2	-0.2	0.5	-0.1	1.0
Private capital investment services.....	FD	49211	8.050	5.9	0.6	-0.8	1.2	-0.2	2.0
Finished distributive services ^{3, 6}	FD	49212	18.959	5.9	-0.1	0.1	1.3	-0.3	1.8
Finished services less trade services ³	FD	49213	41.012	3.0	0.1	-0.3	0.1	0.0	0.6
Finished services less distributive services ^{3, 6}	FD	49214	38.685	3.2	0.3	-0.4	0.1	0.0	0.6
Total private capital investment (goods, services, and construction).....	FD	49215	14.947	4.4	0.4	-0.3	0.8	0.0	1.2
Finished goods plus finished distributive services ^{3, 6}	FD	49216	38.353	3.8	-0.7	-0.1	0.8	0.0	1.1
Total exports.....	FD	49301	13.312	2.5	0.1	-0.4	0.1	0.0	1.1
Goods for export.....	FD	49302	7.183	1.9	0.0	0.2	-0.1	0.1	0.8
Services for export.....	FD	49303	6.129	3.2	0.2	-1.1	0.3	-0.1	1.5
Total government purchases.....	FD	49401	7.844	2.9	-0.3	-0.3	0.2	0.0	1.5
Government purchased goods.....	FD	49402	3.109	1.5	-1.0	0.3	-0.5	0.1	1.6
Government purchased services.....	FD	49403	3.935	4.4	0.2	-0.7	0.8	0.0	1.5
Total government purchased capital investment (goods, services, construction).....	FD	49404	2.086	4.1	0.3	-0.2	0.7	0.1	1.2
Government purchases, defense.....	FD	49405	2.326	3.4	-0.6	0.2	0.0	0.0	2.0
Government purchases, non-defense.....	FD	49406	5.518	2.7	-0.2	-0.5	0.2	0.1	1.2
Personal consumption.....	FD	49501	63.897	3.2	-0.3	-0.2	0.3	0.0	0.8
Personal consumption goods (finished consumer goods).....	FD	49502	14.303	1.5	-1.8	-0.4	0.2	0.5	0.5
Personal consumption goods less energy.....	FD	49503	10.176	3.4	-1.0	-0.4	0.2	0.2	0.8
Personal consumption goods less foods.....	FD	49504	9.876	0.1	-1.6	0.0	0.4	0.6	0.1
Personal consumption nondurable goods less foods.....	FD	49508	7.628	-0.6	-2.1	0.0	0.3	0.7	0.0
Personal consumption services.....	FD	49505	49.594	3.8	0.1	-0.1	0.4	-0.1	0.9
Personal consumption less trade services.....	FD	49506	50.412	2.8	-0.4	-0.3	0.1	0.1	0.6
Personal consumption less distributive services ⁶	FD	49507	48.534	2.9	-0.4	-0.3	0.1	0.2	0.6
Personal consumption less foods and energy.....	FD	49510	55.343	3.6	0.1	-0.1	0.4	-0.1	0.8
Personal consumption less foods, energy, and trade services ⁴	FD	49511	41.858	3.2	0.1	-0.2	0.1	0.0	0.6
Personal consumption less foods, energy, and distributive services ⁶	FD	49512	39.980	3.4	0.2	-0.2	0.1	0.1	0.6
Personal consumption goods plus personal consumption distributive services ⁶	FD	49509	29.666	2.9	-1.0	-0.1	0.7	0.0	0.9
Intermediate Demand by Commodity Type									
Processed goods									
Processed goods for intermediate demand.....	ID6	1	100.000	2.1	-0.1	0.3	0.1	0.0	0.8
Materials and components for manufacturing.....	ID6	11	43.591	3.3	0.8	0.3	0.7	-0.3	0.6
Materials for manufacturing.....	ID6	111	26.680	3.7	1.1	0.3	0.9	-0.7	0.8
Materials for food manufacturing.....	ID6	1111	4.621	4.6	0.0	-1.6	0.8	-0.6	-0.1
Materials for nondurable manufacturing.....	ID6	1112	11.894	0.3	0.1	-0.7	-0.3	0.2	0.7
Materials for durable manufacturing.....	ID6	1113	10.165	7.2	2.9	2.2	2.4	-1.7	1.3
Components for manufacturing.....	ID6	112	16.911	2.7	0.3	0.4	0.3	0.2	0.4
Components for nondurable manufacturing.....	ID6	1121	0.817	1.8	0.4	0.0	0.0	0.3	0.3
Components for durable manufacturing.....	ID6	1122	16.094	2.7	0.3	0.4	0.3	0.2	0.4
Materials and components for construction.....	ID6	12	10.867	2.6	0.6	0.2	0.4	0.3	0.1
Materials for construction.....	ID6	121	4.850	1.2	0.2	-0.5	0.1	-0.1	0.0
Components for construction.....	ID6	122	6.017	3.8	0.9	0.7	0.6	0.6	0.1
Processed fuels and lubricants for intermediate demand.....	ID6	13	17.802	-2.0	-2.8	0.0	-2.0	0.5	2.2
Processed fuels and lubricants to manufacturing industries.....	ID6	131	4.486	1.2	0.6	0.1	-1.7	-0.4	3.1
Processed fuels and lubricants to nonmanufacturing industries.....	ID6	132	13.316	-3.0	-3.9	0.0	-2.0	0.8	2.0

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[July 2025]

Grouping	Commodity code		Relative Importance Dec. 2024 ¹	Unadjusted 12-month percent change ² July 2024 to July 2025 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P	June to July ^P
Containers for intermediate demand.....	ID6	14	3.169	4.9	0.3	1.0	0.9	0.2	0.5
Supplies for intermediate demand.....	ID6	15	24.569	2.7	0.1	0.3	0.3	0.2	0.2
Supplies to manufacturing industries.....	ID6	151	3.320	3.4	0.5	0.6	-0.2	0.2	0.7
Supplies to nonmanufacturing industries.....	ID6	152	21.249	2.6	0.1	0.3	0.4	0.2	0.2
Supplies to nonmanufacturing industries, feeds.....	ID6	1521	2.073	-1.7	-1.7	0.0	0.2	-0.2	-0.5
Supplies to nonmanufacturing industries, other than feeds.....	ID6	1522	19.176	3.1	0.2	0.3	0.4	0.3	0.2
Unprocessed goods									
Unprocessed goods for intermediate demand.....	ID6	2	100.000	0.5	-3.9	-3.8	-1.8	2.6	1.8
Unprocessed foodstuffs and feedstuffs.....	ID6	21	39.339	6.3	-5.9	-3.4	1.2	0.7	2.9
Unprocessed nonfood materials.....	ID6	22	60.660	-3.2	-2.7	-4.0	-3.8	3.8	1.1
Unprocessed nonfood materials except fuel.....	ID6	221	48.612	-6.1	-2.9	-2.7	-1.9	3.3	1.8
Unprocessed nonfood materials except fuel to manufacturing industries.....	ID6	2211	45.931	-6.8	-3.0	-2.9	-2.1	3.5	1.9
Unprocessed nonfood materials except fuel to nonmanufacturing industries.....	ID6	2212	2.681	7.0	-0.1	0.4	0.3	0.4	0.4
Unprocessed fuel.....	ID6	222	12.048	13.0	-1.8	-9.1	-11.8	6.2	-2.0
Unprocessed fuel to manufacturing industries.....	ID6	2221	0.995	1.5	-0.6	-5.5	-1.8	1.3	-1.7
Unprocessed fuel to nonmanufacturing industries.....	ID6	2222	11.053	14.3	-1.9	-9.4	-12.7	6.8	-2.0
Services									
Services for intermediate demand.....	ID6	3	100.000	2.0	0.3	-0.2	0.1	0.1	0.8
Trade services for intermediate demand ⁴	ID6	33	18.109	4.6	2.6	-2.1	0.1	0.2	1.3
Trade services for manufacturing industries.....	ID6	331	8.921	5.1	3.2	-2.4	-0.3	0.0	1.3
Trade services for nonmanufacturing industries.....	ID6	332	9.188	4.2	1.9	-1.9	0.4	0.3	1.3
Transportation and warehousing services for intermediate demand.....	ID6	32	14.131	2.9	-0.4	0.3	-0.2	0.4	0.8
Transportation of passengers for intermediate demand.....	ID6	321	1.068	1.0	-1.5	-1.8	-0.8	-2.3	1.0
Transportation of passengers for manufacturing industries.....	ID6	3211	0.127	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Transportation of passengers for nonmanufacturing industries.....	ID6	3212	0.941	1.0	-1.5	-1.8	-0.8	-2.3	1.0
Transportation and warehousing of goods for intermediate demand.....	ID6	322	13.063	3.1	-0.3	0.5	-0.2	0.6	0.8
Transportation and warehousing of goods for manufacturing industries.....	ID6	3221	2.679	0.7	-1.3	0.8	0.4	-0.2	0.1
Transportation and warehousing of goods for nonmanufacturing industries.....	ID6	3222	10.384	3.7	-0.1	0.4	-0.3	0.8	0.9
Services less trade, transportation, and warehousing for intermediate demand.....	ID6	31	67.760	1.1	-0.1	0.2	0.2	0.0	0.6
Services less trade, transportation, and warehousing for manufacturing industries.....	ID6	311	2.157	3.8	0.5	0.1	0.2	1.2	-0.2
Services less trade, transportation, and warehousing for nonmanufacturing industries.....	ID6	312	65.602	1.0	-0.2	0.2	0.2	-0.1	0.6
Construction									
Construction for intermediate demand.....	ID6	4	100.000	4.5	2.5	0.0	0.0	0.1	0.1
Special Groupings of Intermediate Demand by Commodity Type									
Processed materials less foods and feeds.....	ID6	9111	90.884	2.0	0.0	0.4	0.0	0.1	0.8
Processed foods and feeds.....	ID6	9112	9.116	3.3	-0.5	-0.9	0.6	-0.3	-0.1
Processed energy goods.....	ID6	9113	17.802	-2.0	-2.8	0.0	-2.0	0.5	2.2
Processed materials less energy.....	ID6	9118	82.198	3.1	0.6	0.3	0.5	-0.1	0.4
Processed materials less foods and energy.....	ID6	9115	73.082	3.1	0.7	0.5	0.5	0.0	0.5
Intermediate distributive services ⁷	ID6	9116	31.172	4.0	1.4	-1.1	0.0	0.3	1.1
Processed goods plus intermediate distributive services.....	ID6	9117	—	2.7	0.4	-0.1	0.1	0.1	0.9
Unprocessed materials less agricultural products.....	ID6	9211	56.091	-3.6	-2.7	-4.3	-3.6	4.1	1.1
Unprocessed energy materials ⁸	ID6	9212	36.815	-9.3	-5.0	-7.3	-5.6	6.1	0.5
Unprocessed materials less energy.....	ID6	9213	63.185	6.4	-3.3	-1.7	0.2	0.7	2.5
Unprocessed nonfood materials less energy ⁹	ID6	9216	23.846	6.5	1.0	1.0	-1.3	0.7	2.0
Intermediate Demand by Production Flow									
Stage 4 Intermediate Demand									
Stage 4 intermediate demand.....	ID5	4	100.000	2.6	0.2	0.1	0.0	0.1	0.8
Inputs to stage 4 goods producers.....	ID5	41	29.418	3.6	0.6	0.2	0.1	0.1	0.6
Goods.....	ID5	411	21.345	3.1	0.2	0.6	0.3	0.0	0.5
Foods.....	ID5	4111	2.948	1.7	-2.1	0.0	-1.1	0.5	-0.1
Energy.....	ID5	4112	0.155	10.2	-1.2	-0.8	2.5	0.7	-3.9
Goods excluding foods and energy.....	ID5	4113	18.242	3.2	0.5	0.7	0.5	-0.1	0.7
Services.....	ID5	412	8.073	4.9	1.8	-1.1	-0.4	0.4	0.9
Trade services.....	ID5	4123	6.051	5.4	2.3	-1.4	-0.6	0.3	1.3
Transportation and warehousing services.....	ID5	4122	0.491	1.0	-1.0	0.1	-0.1	-0.5	0.6
Transportation of passengers.....	ID5	41221	0.079	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Transportation and warehousing of goods.....	ID5	41222	0.412	1.0	-0.8	0.5	0.0	-0.2	0.5

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[July 2025]

Grouping	Commodity code		Relative Importance Dec. 2024 ¹	Unadjusted 12-month percent change ² July 2024 to July 2025 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P	June to July ^P
Services less trade, transportation, and warehousing.....	ID5	4121	1.531	4.2	0.6	0.1	0.4	1.0	-0.3
Inputs to stage 4 services producers.....	ID5	42	56.179	2.2	-0.1	0.1	-0.1	0.0	1.0
Goods.....	ID5	421	13.537	2.9	-0.3	0.6	-0.1	0.2	0.7
Foods.....	ID5	4211	2.319	5.4	-0.8	0.1	0.7	0.7	0.8
Energy.....	ID5	4212	3.884	1.9	-0.9	1.2	-1.3	-0.1	1.5
Goods excluding foods and energy.....	ID5	4213	7.334	2.7	0.3	0.3	0.3	0.2	0.2
Services.....	ID5	422	42.588	2.0	0.0	0.0	0.0	-0.1	1.1
Trade services.....	ID5	4223	4.177	3.6	1.4	-1.5	0.3	-0.1	1.2
Transportation and warehousing services.....	ID5	4222	3.850	4.4	-0.2	-0.1	-0.9	-0.1	1.8
Transportation of passengers.....	ID5	42221	0.500	1.1	-1.5	-1.8	-0.9	-2.3	1.0
Transportation and warehousing of goods.....	ID5	42222	3.350	4.9	0.0	0.2	-0.9	0.2	1.9
Services less trade, transportation, and warehousing.....	ID5	4221	34.561	1.5	-0.2	0.2	0.0	-0.1	1.0
Construction.....	ID5	423	0.054	4.5	2.5	0.0	0.0	0.1	0.1
Inputs to stage 4 construction producers.....	ID5	43	14.402	2.6	0.4	-0.3	0.3	0.4	0.3
Goods.....	ID5	431	10.519	2.4	0.1	0.0	0.4	0.4	0.2
Energy.....	ID5	4312	0.706	-10.2	-8.0	-2.1	-0.1	0.7	0.1
Goods excluding foods and energy.....	ID5	4313	9.813	3.5	0.7	0.2	0.4	0.3	0.2
Services.....	ID5	432	3.883	3.0	1.2	-1.0	0.2	0.3	0.6
Trade services.....	ID5	4323	1.649	4.7	3.4	-2.9	0.1	0.6	0.9
Transportation and warehousing services.....	ID5	4322	0.653	-0.1	-2.0	0.7	0.2	-0.5	0.8
Transportation of passengers.....	ID5	43221	0.016	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Transportation and warehousing of goods.....	ID5	43222	0.637	-0.2	-2.0	0.7	0.2	-0.5	0.8
Services less trade, transportation, and warehousing.....	ID5	4321	1.581	2.5	0.1	0.4	0.2	0.4	0.1
Stage 3 Intermediate Demand									
Stage 3 intermediate demand.....	ID5	3	100.000	2.1	-0.5	-0.5	0.2	0.1	1.1
Inputs to stage 3 goods producers.....	ID5	31	44.060	4.1	-0.7	-1.4	0.7	-0.1	1.3
Goods.....	ID5	311	34.340	4.1	-1.5	-1.2	0.9	-0.2	1.4
Foods.....	ID5	3111	11.073	7.7	-6.1	-5.4	1.7	0.8	3.4
Energy.....	ID5	3112	1.072	-0.6	-3.2	-0.7	-1.9	-0.3	-2.1
Goods excluding foods and energy.....	ID5	3113	22.195	2.7	1.1	0.9	0.6	-0.6	0.7
Services.....	ID5	312	9.720	3.8	2.3	-1.8	-0.2	0.1	0.8
Trade services.....	ID5	3123	5.353	5.9	5.0	-3.5	-0.4	-0.1	1.4
Transportation and warehousing services.....	ID5	3122	2.892	0.1	-1.7	0.5	0.0	-0.4	0.7
Transportation of passengers.....	ID5	31221	0.154	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Transportation and warehousing of goods.....	ID5	31222	2.738	0.0	-1.7	0.6	0.1	-0.3	0.7
Services less trade, transportation, and warehousing.....	ID5	3121	1.475	3.7	0.6	0.7	0.1	1.9	-1.2
Inputs to stage 3 services producers.....	ID5	32	54.776	0.6	-0.4	0.2	-0.2	0.2	1.0
Goods.....	ID5	321	9.233	-3.3	-2.7	-0.2	-2.1	0.0	4.1
Foods.....	ID5	3211	0.085	-2.4	-0.4	0.1	0.7	0.2	-0.2
Energy.....	ID5	3212	5.145	-7.1	-5.0	-0.6	-3.9	-0.2	7.2
Goods excluding foods and energy.....	ID5	3213	4.003	2.2	0.5	0.3	0.2	0.2	0.3
Services.....	ID5	322	44.922	1.4	0.0	0.3	0.2	0.3	0.4
Trade services.....	ID5	3223	2.796	2.5	1.3	-2.1	0.7	-0.4	1.5
Transportation and warehousing services.....	ID5	3222	10.883	4.0	0.3	0.4	-0.4	1.2	0.9
Transportation of passengers.....	ID5	32221	0.021	0.1	-0.1	-0.1	0.0	-0.1	0.0
Transportation and warehousing of goods.....	ID5	32222	10.862	4.0	0.3	0.4	-0.4	1.2	0.9
Services less trade, transportation, and warehousing.....	ID5	3221	31.243	0.3	-0.2	0.6	0.4	0.0	0.2
Construction.....	ID5	323	0.621	4.5	2.5	0.0	0.0	0.1	0.1
Inputs to stage 3 construction producers.....	ID5	33	1.165	4.0	0.9	-0.4	0.4	1.3	0.3
Goods.....	ID5	331	0.573	3.2	0.8	0.5	0.0	0.1	0.5
Goods excluding foods and energy.....	ID5	3313	0.573	3.2	0.8	0.5	0.0	0.1	0.5
Services.....	ID5	332	0.592	4.6	1.1	-1.3	0.9	2.5	0.0
Trade services.....	ID5	3323	0.545	4.8	1.2	-1.5	1.0	2.5	0.2
Transportation and warehousing services.....	ID5	3322	0.016	1.3	-0.4	0.1	-0.3	0.4	0.3
Transportation and warehousing of goods.....	ID5	33222	0.016	1.3	-0.4	0.1	-0.3	0.4	0.3
Services less trade, transportation, and warehousing.....	ID5	3321	0.031	3.1	0.4	1.1	0.0	3.3	-2.8
Stage 2 Intermediate Demand									
Stage 2 intermediate demand.....	ID5	2	100.000	-0.2	-0.6	-1.1	-0.7	0.9	0.5
Inputs to stage 2 goods producers.....	ID5	21	50.286	-1.0	-1.1	-2.3	-1.5	1.8	0.5
Goods.....	ID5	211	35.426	-2.8	-2.3	-3.0	-2.3	2.6	0.6
Foods.....	ID5	2111	3.567	-2.8	-2.3	1.3	1.3	-0.3	-1.8
Energy.....	ID5	2112	16.286	-9.4	-5.1	-7.3	-5.6	5.7	0.6
Goods excluding foods and energy.....	ID5	2113	15.573	4.3	0.8	0.5	0.1	0.4	1.2
Services.....	ID5	212	14.565	3.2	1.7	-0.7	0.4	-0.1	0.3
Trade services.....	ID5	2123	5.829	5.7	4.2	-3.1	0.6	-0.6	2.0

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[July 2025]

Grouping	Commodity code		Relative Importance Dec. 2024 ¹	Unadjusted 12-month percent change ² July 2024 to July 2025 ^P	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P	June to July ^P
Transportation and warehousing services.....	ID5	2122	4.803	2.7	0.0	1.2	0.9	0.2	-1.4
Transportation of passengers.....	ID5	21221	0.185	1.0	-1.5	-1.7	-0.8	-2.2	0.9
Transportation and warehousing of goods.....	ID5	21222	4.618	2.7	0.0	1.3	1.0	0.2	-1.5
Services less trade, transportation, and warehousing.....	ID5	2121	3.933	0.3	0.0	0.7	-0.3	0.4	-0.3
Construction.....	ID5	213	0.295	4.5	2.5	0.0	0.0	0.1	0.1
Inputs to stage 2 services producers.....	ID5	22	49.714	0.7	0.0	0.2	0.1	0.1	0.4
Goods.....	ID5	221	5.148	2.1	0.0	0.3	0.1	0.4	0.2
Foods.....	ID5	2211	0.051	2.6	-1.9	-0.4	-0.7	0.1	0.1
Energy.....	ID5	2212	0.297	-4.4	-4.0	-0.1	-2.3	3.9	-1.8
Goods excluding foods and energy.....	ID5	2213	4.800	2.5	0.2	0.3	0.2	0.2	0.3
Services.....	ID5	222	43.581	0.4	0.0	0.2	0.1	0.0	0.4
Trade services.....	ID5	2223	2.448	6.1	0.8	-0.5	0.0	0.3	2.1
Transportation and warehousing services.....	ID5	2222	2.930	-0.8	0.0	-0.1	-0.7	2.1	-0.8
Transportation of passengers.....	ID5	22221	0.430	1.0	-1.5	-1.8	-0.9	-2.3	1.0
Transportation and warehousing of goods.....	ID5	22222	2.500	-1.0	0.3	0.1	-0.7	2.8	-1.1
Services less trade, transportation, and warehousing.....	ID5	2221	38.203	0.2	-0.1	0.2	0.1	-0.2	0.4
Construction.....	ID5	223	0.985	4.5	2.5	0.0	0.0	0.1	0.1
Stage 1 Intermediate Demand									
Stage 1 intermediate demand.....	ID5	1	100.000	2.5	0.2	-0.1	0.1	0.0	1.1
Inputs to stage 1 goods producers.....	ID5	11	31.711	3.2	1.1	-0.3	0.1	0.0	0.7
Goods.....	ID5	111	22.595	2.7	0.5	0.6	0.2	0.0	0.6
Foods.....	ID5	1111	2.631	-0.9	-1.5	0.6	-2.7	0.1	0.6
Energy.....	ID5	1112	3.260	2.5	-1.3	0.3	-1.2	2.4	-1.8
Goods excluding foods and energy.....	ID5	1113	16.704	3.3	1.2	0.6	0.9	-0.5	1.1
Services.....	ID5	112	9.115	4.3	2.7	-2.4	-0.2	0.1	1.0
Trade services.....	ID5	1123	5.427	4.8	4.2	-3.5	-0.3	0.0	1.0
Transportation and warehousing services.....	ID5	1122	0.613	1.5	-1.0	0.4	-0.4	0.3	0.3
Transportation of passengers.....	ID5	11221	0.110	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Transportation and warehousing of goods.....	ID5	11222	0.503	1.6	-0.9	0.8	-0.3	0.8	0.1
Services less trade, transportation, and warehousing.....	ID5	1121	3.075	3.9	0.8	-1.1	-0.1	0.4	1.0
Construction.....	ID5	113	0.001	4.5	2.5	0.0	0.0	0.1	0.1
Inputs to stage 1 services producers.....	ID5	12	55.500	2.1	-0.3	0.1	0.1	-0.2	1.5
Goods.....	ID5	121	15.818	1.7	-0.5	0.1	-0.1	0.2	1.3
Foods.....	ID5	1211	0.083	34.9	10.6	-23.2	7.7	-17.0	-11.6
Energy.....	ID5	1212	4.663	-2.3	-2.5	-0.1	-2.0	0.2	4.1
Goods excluding foods and energy.....	ID5	1213	11.072	3.3	0.3	0.5	0.7	0.4	0.2
Services.....	ID5	122	39.679	2.3	-0.3	0.1	0.2	-0.3	1.5
Trade services.....	ID5	1223	3.839	3.4	0.8	-1.4	0.1	0.3	1.4
Transportation and warehousing services.....	ID5	1222	4.652	4.7	-0.8	-0.3	-0.3	-0.4	2.1
Transportation of passengers.....	ID5	12221	1.424	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Transportation and warehousing of goods.....	ID5	12222	3.228	6.2	-0.4	0.3	0.0	0.4	2.6
Services less trade, transportation, and warehousing.....	ID5	1221	31.188	1.8	-0.4	0.3	0.2	-0.4	1.5
Construction.....	ID5	123	0.003	4.5	2.5	0.0	0.0	0.1	0.1
Inputs to stage 1 construction producers.....	ID5	13	12.789	2.7	0.5	-0.4	0.4	0.6	0.6
Goods.....	ID5	131	9.148	2.4	0.2	-0.1	0.3	0.3	0.7
Energy.....	ID5	1312	0.649	-5.2	-3.6	-1.9	-2.5	-0.1	8.4
Goods excluding foods and energy.....	ID5	1313	8.499	3.1	0.5	0.0	0.5	0.3	0.1
Services.....	ID5	132	3.641	3.3	1.0	-1.2	0.7	1.3	0.5
Trade services.....	ID5	1323	2.758	4.4	2.0	-1.9	0.8	1.8	0.3
Transportation and warehousing services.....	ID5	1322	0.784	-0.6	-2.4	0.9	0.2	-0.5	1.0
Transportation and warehousing of goods.....	ID5	13222	0.784	-0.6	-2.4	0.9	0.2	-0.5	1.0
Services less trade, transportation, and warehousing.....	ID5	1321	0.099	3.4	0.2	0.4	0.0	0.2	0.3
Special Groupings of Intermediate Demand by Production Flow									
Total goods inputs to stage 4 intermediate demand.....	ID5	9411	45.401	2.9	0.0	0.5	0.2	0.1	0.5
Total services inputs to stage 4 intermediate demand.....	ID5	9412	54.544	2.5	0.3	-0.3	-0.1	0.0	1.0
Total construction inputs to stage 4 intermediate demand.....	ID5	9413	0.054	4.5	2.5	0.0	0.0	0.1	0.1
Total foods inputs to stage 4 intermediate demand.....	ID5	9414	5.267	3.4	-1.5	0.0	-0.3	0.6	0.3
Total energy goods inputs to stage 4 intermediate demand.....	ID5	9415	4.745	0.2	-2.0	0.7	-1.0	0.1	1.1
Total goods less foods and energy inputs to stage 4 intermediate demand.....	ID5	9416	35.389	3.2	0.5	0.5	0.4	0.1	0.4
Total goods inputs to stage 3 intermediate demand.....	ID5	9311	44.146	2.5	-1.7	-1.0	0.3	-0.1	2.0
Total services inputs to stage 3 intermediate demand.....	ID5	9312	55.234	1.8	0.4	-0.1	0.1	0.3	0.5
Total construction inputs to stage 3 intermediate demand.....	ID5	9313	0.621	4.5	2.5	0.0	0.0	0.1	0.1
Total foods inputs to stage 3 intermediate demand.....	ID5	9314	11.158	7.6	-6.1	-5.4	1.7	0.8	3.4
Total energy goods inputs to stage 3 intermediate demand.....	ID5	9315	6.217	-6.0	-4.7	-0.6	-3.6	-0.2	5.5
Total goods less foods and energy inputs to stage 3 intermediate demand.....	ID5	9316	26.771	2.6	1.0	0.8	0.5	-0.5	0.6

See footnotes at end of table.

Table 1. Producer price index percentage changes and weights for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[July 2025]

Grouping	Commodity code		Relative Importance Dec. 2024 ¹	Unadjusted 12-month percent change ² July 2024 to July 2025 ^p	Seasonally adjusted 1-month percent change ²				
	Group code	Item code			Feb. to Mar.	Mar. to Apr. ^p	Apr. to May ^p	May to June ^p	June to July ^p
Total goods inputs to stage 2 intermediate demand.....	ID5	9211	40.574	-2.2	-2.0	-2.6	-2.0	2.4	0.6
Total services inputs to stage 2 intermediate demand.....	ID5	9212	58.146	1.1	0.4	-0.1	0.2	0.0	0.4
Total construction inputs to stage 2 intermediate demand.....	ID5	9213	1.280	4.5	2.5	0.0	0.0	0.1	0.1
Total foods inputs to stage 2 intermediate demand.....	ID5	9214	3.618	-2.7	-2.3	1.3	1.2	-0.3	-1.7
Total energy goods inputs to stage 2 intermediate demand.....	ID5	9215	16.583	-9.3	-5.1	-7.2	-5.6	5.7	0.5
Total goods less foods and energy inputs to stage 2 intermediate demand.....	ID5	9216	20.373	3.9	0.7	0.4	0.1	0.4	1.0
Total goods inputs to stage 1 intermediate demand.....	ID5	9111	47.561	2.3	0.1	0.3	0.1	0.1	0.8
Total services inputs to stage 1 intermediate demand.....	ID5	9112	52.435	2.7	0.4	-0.5	0.1	-0.1	1.4
Total construction inputs to stage 1 intermediate demand.....	ID5	9117	0.004	4.5	2.5	0.0	0.0	0.1	0.1
Total foods inputs to stage 1 intermediate demand.....	ID5	9114	2.714	0.1	-0.8	-0.8	-2.2	-0.7	0.1
Total energy goods inputs to stage 1 intermediate demand.....	ID5	9115	8.572	-0.8	-2.1	-0.1	-1.7	1.1	2.1
Total goods less foods and energy inputs to stage 1 intermediate demand.....	ID5	9116	36.275	3.3	0.8	0.4	0.7	-0.1	0.6

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
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹					
	Group code	Item code		July 2024 to July 2025 ^P	Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P	June to July ^P
Final Demand									
Final demand.....	FD	4	3.3	-0.2	-0.2	0.4	0.0	0.9	
Final demand goods.....	FD	41	1.9	-0.9	0.0	0.1	0.3	0.7	
Final demand foods.....	FD	411	4.2	-2.2	-0.9	0.0	0.1	1.4	
Fresh fruits and melons ²	01	11	-5.3	-12.2	0.0	-4.6	3.1	-5.9	
Fresh and dry vegetables ²	01	13	16.4	-7.7	0.8	-4.2	-1.7	38.9	
Grains.....	01	2	-0.8	-1.6	-0.2	-8.2	0.5	1.3	
Eggs for fresh use ²	01	7107	36.3	-21.3	-39.3	1.4	-19.8	7.3	
Oilseeds.....	01	8301	-10.3	-3.0	3.3	4.0	-1.4	-4.5	
Bakery products ²	02	11	2.5	0.3	0.5	-0.1	1.0	0.0	
Milled rice ²	02	13	-0.9	-0.2	-0.5	-1.2	6.4	-1.6	
Pasta products ²	02	1402	-4.8	0.0	0.0	0.0	0.0	0.0	
Beef and veal.....	02	2101	9.9	-4.3	1.8	-0.7	0.7	4.6	
Pork.....	02	2104	4.7	-1.8	-2.6	-1.8	-0.6	1.3	
Processed young chickens.....	02	2203	-0.1	1.9	-1.0	3.8	-0.2	-3.1	
Processed turkeys ²	02	2206	37.7	5.2	5.2	2.9	3.7	5.1	
Finfish and shellfish.....	02	23	8.2	1.6	0.1	0.8	-3.1	1.3	
Dairy products ²	02	3	-1.3	-1.1	-1.1	-0.4	1.1	0.4	
Processed fruits and vegetables ²	02	4	0.7	-0.3	-0.1	0.2	-0.1	0.3	
Confectionery end products ²	02	55	8.1	0.4	1.3	1.2	-0.4	0.6	
Soft drinks ²	02	62	2.6	0.8	-0.5	0.6	0.3	0.4	
Roasted coffee ²	02	6301	29.2	2.9	1.9	9.8	0.5	1.1	
Shortening and cooking oils ²	02	78	6.9	-1.6	0.0	4.0	0.1	2.6	
Frozen specialty food ²	02	85	-0.4	-1.3	-0.1	-0.1	0.1	0.1	
Final demand energy.....	FD	412	-3.2	-3.9	-0.3	-0.4	0.9	0.9	
Natural gas liquids ²	05	32	-11.2	-7.0	-9.7	-5.2	-1.4	1.0	
Residential electric power.....	05	41	4.2	0.5	1.8	0.2	1.1	-0.2	
Residential natural gas.....	05	51	13.4	2.2	1.2	1.3	0.1	0.8	
Gasoline.....	05	71	-13.6	-10.5	-2.4	1.2	1.8	-1.8	
Home heating oil and distillates.....	05	7302	-4.7	-5.0	-6.5	-0.9	-1.8	14.9	
No. 2 diesel fuel.....	05	7303	-7.2	-5.2	-2.1	-3.9	-0.1	11.8	
Final demand goods less foods and energy.....	FD	413	2.8	0.3	0.3	0.3	0.2	0.4	
Alcoholic beverages.....	02	61	0.1	-0.2	-0.1	0.2	0.4	0.0	
Pet food ²	02	9402	0.6	0.0	0.0	0.0	0.0	0.0	
Women's, girls', and infants' apparel ²	03	8106	-0.7	0.0	0.0	-0.8	0.4	0.0	
Men's and boys' apparel ²	03	8107	2.0	0.1	0.1	0.7	0.1	0.1	
Textile house furnishings ²	03	82	3.0	0.3	0.0	0.0	0.0	2.3	
Footwear ²	04	3	2.2	0.0	0.1	0.0	0.3	0.3	
Industrial chemicals.....	06	1	-3.5	-0.7	-1.8	-0.9	-0.2	0.5	
Pharmaceutical preparations.....	06	38	-0.5	0.1	0.0	0.0	0.2	0.0	
Soaps and detergents ²	06	71	1.7	-0.2	0.0	0.0	0.9	0.3	
Cleaning and polishing products ²	06	72	0.5	0.0	0.0	0.1	0.0	0.2	
Cosmetics and other toiletries ²	06	75	1.1	-0.2	0.1	0.0	0.1	0.0	
Tires ²	07	1201	1.9	0.1	0.2	-0.2	0.0	1.3	
Consumer, institutional, and commercial products, n.e.c. ²	07	2B	1.5	-0.2	0.2	0.3	0.5	0.1	
Sanitary paper products ²	09	1501	1.1	1.0	-0.1	0.2	-0.4	0.0	
Iron and steel scrap.....	10	12	1.4	0.2	0.4	-4.4	3.2	4.5	
Agricultural machinery and equipment ²	11	1	1.1	0.1	0.4	0.1	0.0	-0.5	
Construction machinery and equipment ²	11	2	3.2	0.1	0.8	0.7	1.0	0.4	
Metal cutting machine tools ²	11	37	2.0	0.0	0.0	0.2	0.0	-0.8	
Metal forming machine tools ²	11	38	2.5	0.0	0.0	0.0	0.0	0.0	
Tools, dies, jigs, fixtures, and industrial molds ²	11	39	3.2	0.3	0.0	0.0	0.1	0.6	
Pumps, compressors, and equipment ²	11	41	7.2	0.3	0.8	0.8	0.3	0.3	
Industrial material handling equipment ²	11	44	6.0	0.0	0.8	0.9	1.8	0.6	
Electronic computers and computer equipment ²	11	5	3.7	0.1	0.7	1.3	-0.4	0.7	
Food products machinery ²	11	61	2.8	0.6	0.3	0.2	0.6	0.0	
Paper industries machinery ²	11	64	2.1	0.1	0.5	0.2	0.0	0.4	
Printing trades machinery and equipment ²	11	65	0.8	-0.4	0.2	-0.4	0.0	0.0	
Transformers and power regulators ²	11	74	2.6	0.9	0.4	0.0	0.0	0.4	
Communication and related equipment.....	11	76	5.6	0.4	1.4	0.3	0.3	0.4	
Electronic components and accessories.....	11	78	-0.2	0.6	-0.1	0.0	-1.3	-0.3	
X-ray and electromedical equipment.....	11	7905	0.9	0.4	0.1	0.2	0.1	-0.4	
Oil field and gas field machinery ²	11	91	1.6	1.0	0.0	0.0	0.0	0.0	
Mining machinery and equipment ²	11	92	0.2	0.1	0.2	0.0	0.0	0.0	
Internal combustion engines ²	11	94	3.7	0.0	0.4	0.0	0.1	0.6	

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
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		July 2024 to July 2025 ^P	Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P
Household furniture ²	12	1	3.4	0.2	-0.3	0.5	0.9	0.4
Commercial furniture ²	12	2	5.3	0.1	1.2	0.1	1.0	0.6
Floor coverings ²	12	3	0.5	-0.2	0.1	0.0	0.0	0.0
Household appliances ²	12	4	2.4	0.0	0.2	1.6	0.4	0.6
Home electronic equipment ²	12	5	6.5	0.0	0.6	0.0	0.8	5.0
Lawn and garden equipment excl. garden tractors ²	12	66	0.7	0.0	0.0	0.3	0.0	0.0
Passenger cars.....	14	1101	1.3	-0.2	0.2	-0.1	0.3	0.1
Light motor trucks.....	14	1105	2.0	0.4	-0.2	0.3	0.1	0.1
Heavy motor trucks ²	14	1106	2.0	0.3	0.0	0.0	0.0	0.0
Motor vehicles parts ²	14	12	1.6	0.1	0.4	0.4	0.2	0.5
Truck trailers ²	14	14	1.5	0.3	0.3	0.0	0.0	0.1
Travel trailers and campers ²	14	16	1.7	0.5	0.0	0.4	0.5	0.2
Aircraft.....	14	21	2.4	0.3	0.3	0.1	0.1	0.1
Ships ²	14	31	3.1	0.4	0.3	0.0	0.4	0.2
Railroad equipment ²	14	4	1.8	-0.2	0.0	1.5	-0.3	0.0
Toys, games, and children's vehicles ²	15	11	—	0.0	1.8	0.0	0.0	—
Sporting and athletic goods ²	15	12	1.9	0.0	0.0	0.2	0.0	1.2
Cigarettes ²	15	21	11.2	0.0	2.0	0.8	0.1	0.0
Mobile homes.....	15	5	0.8	-0.1	-0.4	-0.4	-0.1	-0.2
Medical, surgical & personal aid devices.....	15	6	1.6	-0.1	0.2	0.1	0.1	0.0
Jewelry, platinum and karat gold ²	15	9402	12.4	-0.2	3.1	-0.1	2.9	0.6
Costume jewelry and novelties ²	15	9404	4.5	1.5	1.2	0.4	0.0	0.0
Final demand services.....	FD	42	4.0	0.2	-0.3	0.5	-0.1	1.1
Final demand trade services ³	FD	423	6.9	0.4	-0.3	1.5	-0.3	2.0
Machinery and equipment parts and supplies wholesaling ²	57	1102	4.5	-1.0	1.3	-1.5	1.2	0.6
Machinery and vehicle wholesaling ²	57	1103	21.6	0.8	-1.0	4.9	-0.5	6.7
Professional and commercial equipment wholesaling ²	57	1104	2.0	1.0	-2.5	-0.6	2.9	0.9
Furnishings wholesaling ²	57	2	0.3	0.1	0.1	-0.1	0.1	0.0
Chemicals and allied products wholesaling ²	57	5	-0.1	0.6	-2.6	2.0	-0.6	0.0
Paper and plastics products wholesaling ²	57	6	5.9	1.3	0.1	1.2	-1.1	2.5
Apparel wholesaling ²	57	7	5.1	3.3	-3.3	-0.1	2.9	-0.3
Food and alcohol wholesaling ²	57	8	7.5	6.2	-3.9	0.8	-1.2	2.7
Food and alcohol retailing.....	58	1	6.1	-1.1	1.6	1.3	0.8	0.5
Health, beauty, and optical goods retailing ²	58	2	3.4	-5.0	0.6	4.0	-2.1	1.0
Apparel, jewelry, footwear, and accessories retailing.....	58	3	7.9	-1.7	1.8	2.3	3.5	0.8
Computer hardware, software, and supplies retailing ²	58	4	23.9	6.1	1.1	3.4	-4.7	3.5
TV, video, and photographic equipment and supplies retailing.....	58	5	2.0	-9.8	4.4	1.6	-10.1	3.8
Automobiles retailing (partial).....	58	6101	14.7	5.4	6.1	0.4	-8.0	4.8
Automotive parts, including tires, retailing ²	58	6102	8.8	-3.8	2.5	0.0	2.1	-0.1
RVs, trailers, and campers retailing ²	58	8	-7.0	-7.8	19.6	-2.3	-15.6	-0.6
Sporting goods, including boats, retailing.....	58	9	-9.9	4.4	-1.2	-11.8	0.2	-2.1
Lawn, garden, and farm equipment and supplies retailing ²	58	A	2.7	-0.3	-1.9	0.4	0.2	-1.1
Furniture retailing ²	58	B	-5.5	-6.5	10.4	-8.0	7.9	-1.3
Flooring and floor coverings retailing ²	58	C	-0.2	2.4	-7.4	-0.8	2.1	-0.3
Hardware, building materials, and supplies retailing.....	58	D	6.2	1.2	-2.0	1.3	5.7	-0.3
Major household appliances retailing.....	58	E	8.4	14.0	-3.9	-0.1	1.5	-1.5
Fuels and lubricants retailing.....	58	F	14.0	1.1	1.4	-0.2	0.9	4.2
Cleaning supplies and paper products retailing ²	58	G	8.6	-0.3	0.2	-1.5	3.1	1.1
Book retailing ²	58	H	6.7	-0.2	0.9	3.1	3.8	1.1
Final demand transportation and warehousing services.....	FD	422	0.9	-1.7	0.1	0.0	-0.8	1.0
Rail transportation of freight and mail ²	30	11	1.4	0.1	0.0	0.0	0.1	0.0
Truck transportation of freight ²	30	12	-0.6	-2.5	0.9	0.3	-0.6	1.0
Air transportation of freight ²	30	14	3.6	-0.1	1.6	-0.7	0.2	1.0
Courier, messenger, and U.S. postal services.....	30	16	8.7	0.4	0.2	0.1	0.9	2.9
Rail transportation of passengers ²	30	21	0.0	0.0	0.0	0.0	0.0	0.0
Airline passenger services.....	30	22	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Final demand services less trade, transportation, and warehousing.....	FD	421	3.1	0.3	-0.4	0.1	0.1	0.7
Sales of books.....	33	11	6.3	1.9	0.5	0.3	0.4	0.7
Sales and subscriptions of periodicals and newspapers.....	33	12	5.4	-0.1	0.2	1.7	-0.4	0.1
Application software publishing ²	34	2	-1.1	0.1	1.1	-2.7	0.0	-0.7
Advertising space sales in periodicals, newspapers, directories, and mailing lists ²	36	1	-1.0	0.2	0.0	0.0	-0.7	-0.2
Residential wired telecommunication services ²	37	11	0.0	0.0	0.0	0.0	0.0	0.0
Wireless telecommunication services.....	37	2	0.7	0.1	0.1	0.2	0.1	0.2
Cable and satellite subscriber services.....	37	3	11.6	0.9	-0.3	1.4	-0.1	4.2
Internet access services ²	37	4	8.5	-0.1	-0.4	1.1	1.4	2.5

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
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		July 2024 to July 2025 ^P	Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P
Bundled wired telecommunications access services ²	37	5	6.5	-1.1	-2.7	3.1	1.2	0.9
Consumer loans (partial).....	39	12	-9.3	-1.5	4.0	-2.8	1.6	-0.5
Deposit services (partial) ²	39	2	5.2	-1.8	-0.9	0.1	-5.1	1.0
Other credit intermediation, incl. trust services (partial) ²	39	3	-0.2	0.0	0.1	-4.0	0.5	0.0
Securities brokerage, dealing, investment advice, and related services ² ...	40	1	-3.1	0.3	1.7	-2.0	-0.6	3.2
Portfolio management ²	40	2	13.3	0.1	-6.8	-1.0	2.1	5.8
Life insurance ²	41	1101	0.9	0.0	0.1	0.0	0.0	0.0
Disability insurance, including accidental death ²	41	1102	-0.1	0.0	0.0	0.0	0.0	0.0
Health and medical insurance.....	41	1103	4.8	0.1	0.3	0.2	0.3	0.2
Property and casualty insurance ²	41	1104	4.6	1.2	0.1	0.2	0.1	0.1
Annuities ²	41	2	2.6	0.0	-1.3	0.1	0.0	0.0
Residential property sales and leases, brokerage fees and commissions..	43	21	2.9	0.4	0.1	0.5	0.0	0.3
Passenger car rental.....	44	1	-3.1	-2.0	-0.3	-0.5	-0.8	5.4
Legal services.....	45	1	7.6	1.3	0.1	0.1	0.7	0.6
Tax preparation and planning.....	45	2102	0.7	-0.8	1.1	3.1	-0.4	0.8
Architectural and engineering services.....	45	3	2.6	0.0	0.4	0.3	0.3	0.3
Management, scientific, and technical consulting services ²	45	4	3.2	0.2	-2.7	2.9	-0.1	0.0
Arrangement of flights (partial).....	47	1	-2.9	-0.3	-1.0	0.8	-0.7	-0.3
Arrangement of vehicle rentals and lodging ²	47	2	-4.3	0.0	0.0	-0.3	0.2	-2.6
Arrangement of cruises and tours ²	47	3	-4.2	-1.2	-0.5	-0.8	0.8	-3.0
Physician care.....	51	1101	1.8	0.3	0.1	0.2	0.1	0.0
Medical laboratory and diagnostic imaging care ²	51	1102	2.0	1.4	0.1	0.0	0.0	0.0
Home health and hospice care.....	51	1103	4.7	0.0	0.2	-0.1	0.2	0.1
Hospital outpatient care.....	51	1104	4.2	0.5	0.2	-0.2	0.9	-0.5
Dental care.....	51	1105	1.9	0.1	0.0	0.0	0.0	0.1
Hospital inpatient care.....	51	2101	2.8	0.7	0.4	0.2	0.1	0.1
Nursing home care.....	51	2102	4.3	0.3	0.4	0.2	0.1	0.1
Traveler accommodation services.....	53	11	3.9	-1.1	-0.8	1.7	-3.3	3.1
Food and beverages for immediate consumption services (partial) ²	54	1	1.1	1.4	0.4	-0.5	-0.9	0.0
Motor vehicle repair and maintenance (partial) ²	55	2	8.1	0.7	0.4	0.9	0.3	0.0
Membership dues and admissions and recreation facility use fees (partial) ²	56	1	6.1	0.8	-1.2	-1.4	0.4	-0.1
Recreational activity instruction fees (partial) ²	56	2	1.0	0.0	0.0	0.0	0.5	0.0
Gaming receipts (partial) ²	56	3	0.5	3.2	-0.4	-3.0	-4.0	3.8
Mining services ²	60	1	0.9	1.9	-1.5	-0.3	0.2	-0.4
Final demand construction.....	FD	43	1.1	-0.1	-0.5	0.2	0.1	0.6
New warehouse building construction ²	80	1101	0.6	0.2	-0.2	0.0	-0.1	1.0
New school building construction ²	80	1102	1.1	0.0	-0.6	0.1	0.0	0.7
New office building construction ²	80	1103	1.0	0.1	-0.6	0.4	0.2	0.3
New industrial building construction ²	80	1104	1.8	0.0	-0.5	0.4	0.6	1.0
New health care building construction ²	80	1105	0.6	-1.3	-0.5	0.0	0.1	0.5
Intermediate Demand by Commodity Type								
Processed goods for intermediate demand.....	ID6	1	2.1	-0.1	0.3	0.1	0.0	0.8
Processed foods and feeds.....	ID6	9112	3.3	-0.5	-0.9	0.6	-0.3	-0.1
Meats.....	02	21	10.2	-2.5	0.3	-0.9	0.9	4.9
Processed poultry.....	02	22	4.3	0.6	2.3	3.1	3.5	-5.1
Dairy products ²	02	3	-1.3	-1.1	-1.1	-0.4	1.1	0.4
Processed fruits and vegetables ²	02	4	0.7	-0.3	-0.1	0.2	-0.1	0.3
Refined sugar and byproducts ²	02	53	-6.5	-2.1	-0.9	-0.3	-0.1	-0.1
Fats and oils ²	02	7	2.3	-1.9	-0.1	3.4	0.5	4.0
Prepared animal feeds.....	02	9	-1.3	-1.5	0.2	0.3	-0.5	-0.4
Processed materials less foods and feeds.....	ID6	9111	2.0	0.0	0.4	0.0	0.1	0.8
Synthetic fibers ²	03	1	2.5	-1.1	0.8	-4.1	3.0	5.1
Processed yarns and threads ²	03	2	1.1	0.6	-0.2	0.6	0.9	-0.4
Finished fabrics ²	03	4	2.8	0.6	0.6	0.2	0.1	0.3
Natural gas liquids ²	05	32	-11.2	-7.0	-9.7	-5.2	-1.4	1.0
Commercial electric power.....	05	42	3.4	-1.4	1.9	-0.5	-1.2	1.2
Industrial electric power.....	05	43	4.0	2.6	1.5	-2.1	-0.3	3.3
Commercial natural gas.....	05	52	12.5	5.2	4.4	-2.5	-1.2	0.2
Industrial natural gas.....	05	53	11.4	4.6	5.0	-4.7	-1.4	4.1
Natural gas to electric utilities.....	05	54	-0.3	-1.6	1.9	-4.0	12.0	-12.8
Gasoline.....	05	71	-13.6	-10.5	-2.4	1.2	1.8	-1.8
Jet fuel ²	05	7203	-13.0	-8.6	1.6	-9.6	-1.5	12.5
No. 2 diesel fuel.....	05	7303	-7.2	-5.2	-2.1	-3.9	-0.1	11.8
Residual fuels ²	05	74	-11.6	-3.4	1.6	-10.9	6.2	7.6

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
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code	July 2024 to July 2025 ^p	Feb. to Mar.	Mar. to Apr. ^p	Apr. to May ^p	May to June ^p	June to July ^p
Finished lubricants ²	05	76	-0.2	0.3	-0.4	-0.1	0.0	0.1
Lubricating oil base stocks ²	05	78	-18.5	2.4	-4.6	1.8	0.0	1.9
Asphalt.....	05	8102	-13.7	-7.4	-0.9	-7.0	-5.2	-3.9
Basic inorganic chemicals ²	06	13	3.5	-0.1	0.1	1.0	0.6	0.9
Basic organic chemicals.....	06	14	-5.0	-0.9	-2.2	-1.3	-0.3	0.4
Prepared paint ²	06	21	1.6	-0.1	0.4	0.2	0.1	0.3
Paint materials ²	06	22	4.2	2.0	-2.8	2.1	-0.9	-0.5
Medicinal and botanical chemicals ²	06	31	0.6	0.0	0.1	0.1	0.6	-0.5
Biological products, including diagnostics.....	06	37	3.7	0.4	-0.1	0.3	0.5	0.6
Fats and oils, inedible ²	06	4	9.8	1.8	-1.9	4.0	-0.7	6.8
Nitrogenates.....	06	5201	15.6	3.6	-0.9	6.7	1.6	5.3
Phosphates.....	06	5202	22.7	-0.3	0.7	0.9	10.8	8.6
Other agricultural chemicals ²	06	53	1.2	-0.4	-0.1	-0.7	2.0	0.2
Plastic resins and materials.....	06	6	-2.8	0.3	-0.9	-1.6	-1.1	-0.8
Industrial gases ²	06	7903	13.4	-1.9	5.8	0.1	1.5	0.2
Adhesives and sealants ²	06	7904	4.0	0.7	0.4	0.5	0.7	-0.2
Synthetic rubber ²	07	1102	1.3	7.4	-1.2	-1.2	-1.4	-1.3
Tires ²	07	1201	1.9	0.1	0.2	-0.2	0.0	1.3
Plastic construction products ²	07	21	-1.7	0.0	0.5	0.0	-0.2	-0.3
Unsupported plastic film, sheet, other shapes ²	07	22	1.0	-0.2	-0.2	-0.1	0.4	0.5
Parts for manufacturing from plastics ²	07	26	0.8	0.1	0.0	0.0	-0.1	0.0
Plastic packaging products ²	07	2A	0.8	0.2	0.1	-0.1	0.1	-0.3
Softwood lumber.....	08	11	7.7	3.2	2.8	-4.4	2.0	-0.2
Hardwood lumber ²	08	12	5.4	1.3	0.4	0.2	-0.2	0.6
Millwork.....	08	2	1.0	-0.7	0.0	0.1	0.2	0.6
Plywood ²	08	3	-0.4	1.8	-1.0	0.2	-1.6	-0.6
Paper ²	09	13	1.7	0.4	0.6	-0.3	-0.1	0.5
Paperboard ²	09	14	8.2	0.6	1.1	0.7	1.4	0.4
Paper boxes and containers ²	09	1503	6.6	0.2	1.2	1.0	0.2	0.5
Building paper and board ²	09	2	-11.2	0.8	-4.5	-3.9	-7.7	0.0
Commercial printing ²	09	47	2.2	-0.2	0.4	0.4	0.3	-0.4
Foundry and forge shop products ²	10	15	1.5	0.2	0.4	0.1	-0.2	0.8
Steel mill products ²	10	17	8.8	6.9	5.7	7.6	-5.3	-0.5
Primary nonferrous metals ²	10	22	34.8	6.4	-3.1	4.6	6.2	8.1
Secondary nonferrous metals ²	10	24	13.9	2.3	4.1	-0.9	1.2	2.3
Aluminum mill shapes ²	10	2501	13.7	5.0	1.8	-3.6	-0.2	7.4
Copper and brass mill shapes ²	10	2502	6.9	-4.6	1.7	-1.3	1.1	5.7
Nonferrous wire and cable ²	10	26	10.5	3.6	3.7	-1.2	0.7	4.3
Nonferrous foundry shop products ²	10	28	4.7	0.3	1.6	0.0	0.1	0.7
Metal containers ²	10	3	3.9	0.6	1.1	2.0	0.2	0.2
Hardware ²	10	4	6.4	0.2	0.5	1.4	1.0	1.3
Plumbing fixtures and brass fittings.....	10	5	5.5	0.3	1.9	0.9	0.0	1.0
Heating equipment ²	10	6	7.0	0.2	1.7	2.6	1.3	0.4
Fabricated structural metal products.....	10	7	5.9	1.8	0.5	0.2	0.7	0.1
Bolts, nuts, screws, rivets, and washers ²	10	81	3.9	0.2	0.4	0.3	0.0	0.1
Lighting fixtures ²	10	83	5.9	0.4	0.9	0.5	2.6	0.0
Fabricated ferrous wire products.....	10	88	3.9	1.3	0.1	0.8	-0.2	0.3
Other miscellaneous metal products ²	10	89	2.3	0.2	0.3	0.2	0.2	0.6
Fluid power equipment ²	11	43	4.9	0.1	0.3	0.6	0.1	0.2
Mechanical power transmission equipment ²	11	45	6.4	0.4	1.3	0.6	1.6	0.0
Air conditioning and refrigeration equipment.....	11	48	5.2	-0.3	1.5	1.5	1.0	0.9
Metal valves, except fluid power.....	11	4902	7.3	0.6	1.5	1.6	0.8	0.3
Ball and roller bearings ²	11	4905	6.9	-0.2	1.0	0.1	3.4	0.3
Wiring devices ²	11	71	3.2	0.1	2.5	1.4	0.4	1.4
Motors, generators, motor generator sets ²	11	73	8.5	0.0	0.7	0.3	1.2	1.0
Switchgear, switchboard, and industrial controls equip. ²	11	75	9.6	1.7	3.2	1.4	0.8	1.4
Electronic components and accessories.....	11	78	-0.2	0.6	-0.1	0.0	-1.3	-0.3
Internal combustion engines ²	11	94	3.7	0.0	0.4	0.0	0.1	0.6
Machine shop products ²	11	95	1.1	0.1	0.2	0.0	0.2	0.0
Flat glass ²	13	11	2.8	0.0	-1.8	0.1	0.2	3.1
Cement.....	13	22	1.7	0.6	-0.2	0.8	0.5	-0.2
Concrete products.....	13	3	2.1	-0.2	-0.4	0.7	0.3	-0.2
Asphalt felts and coatings ²	13	6	1.4	-0.2	-0.5	3.1	0.0	-0.6
Paving mixtures and blocks.....	13	94	0.3	0.9	-4.1	-1.5	-0.5	-0.4
Motor vehicle parts ²	14	12	1.6	0.1	0.4	0.4	0.2	0.5
Aircraft engines and engine parts.....	14	23	2.0	-0.1	0.1	0.2	0.1	0.2

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		July 2024 to July 2025 ^P	Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P
Aircraft parts and auxiliary equipment, n.e.c.....	14	25	1.5	0.4	-0.2	0.1	0.0	0.1
Medical, surgical, and personal aid devices.....	15	6	1.6	-0.1	0.2	0.1	0.1	0.0
Unprocessed goods for intermediate demand.....	ID6	2	0.5	-3.9	-3.8	-1.8	2.6	1.8
Unprocessed foodstuffs and feedstuffs.....	ID6	21	6.3	-5.9	-3.4	1.2	0.7	2.9
Wheat ²	01	21	-7.1	-4.3	-1.6	-5.6	3.6	-3.2
Corn.....	01	2202	1.6	-0.8	0.2	-8.9	-0.3	2.4
Slaughter cattle.....	01	31	20.7	-0.4	1.5	7.1	3.4	2.1
Slaughter hogs.....	01	32	25.0	-3.8	-6.6	4.4	3.1	2.0
Slaughter chickens.....	01	4102	0.0	-1.7	-3.4	-1.2	4.3	2.2
Slaughter turkeys.....	01	42	41.1	11.4	-10.3	-0.4	6.7	23.6
Raw milk.....	01	6	-0.1	-6.9	-6.3	3.0	0.0	9.1
Hay and hayseeds ²	01	81	-15.7	-8.4	30.9	-16.8	-6.6	16.1
Oilseeds.....	01	8301	-10.3	-3.0	3.3	4.0	-1.4	-4.5
Raw cane sugar and byproducts ²	02	5201	-12.9	-0.2	-0.4	0.8	-1.8	-1.0
Unprocessed nonfood materials.....	ID6	22	-3.2	-2.7	-4.0	-3.8	3.8	1.1
Raw cotton ²	01	51	5.5	-2.1	-1.1	2.7	-0.2	0.6
Hides and skins.....	04	1	-28.4	0.4	0.3	-13.2	-2.9	-1.4
Coal ²	05	1	-1.3	-0.2	-4.4	1.1	0.0	-1.7
Natural gas ²	05	31	20.5	-2.4	-10.8	-16.8	9.2	-2.1
Crude petroleum ²	05	61	-16.6	-6.6	-6.4	-2.8	6.2	1.7
Logs, bolts, timber, pulpwood, and woodchips ²	08	5	1.8	0.5	0.1	0.1	0.0	0.5
Recyclable paper ²	09	12	-42.5	0.8	-0.4	-6.8	-7.4	-7.8
Iron ores ²	10	11	-1.4	-0.5	2.9	0.2	-0.7	0.6
Iron and steel scrap.....	10	12	1.4	0.2	0.4	-4.4	3.2	4.5
Nonferrous metal ores ²	10	21	21.5	2.8	5.1	3.5	1.2	-0.5
Copper base scrap ²	10	2301	1.2	4.7	-7.1	1.6	3.5	3.2
Aluminum base scrap.....	10	2302	12.7	7.2	-2.8	-1.1	-2.8	13.5
Construction sand, gravel, and crushed stone.....	13	21	7.1	-0.1	0.4	0.4	0.4	0.4
Services for intermediate demand.....	ID6	3	2.0	0.3	-0.2	0.1	0.1	0.8
Trade services for intermediate demand ³	ID6	33	4.6	2.6	-2.1	0.1	0.2	1.3
Machinery and equipment parts and supplies wholesaling ²	57	1102	4.5	-1.0	1.3	-1.5	1.2	0.6
Building materials, paint, and hardware wholesaling.....	57	3	3.5	-2.0	0.5	3.6	0.4	-0.8
Metals, minerals, and ores wholesaling ²	57	4	13.7	18.9	-10.3	-6.7	0.9	2.5
Chemicals and allied products wholesaling ²	57	5	-0.1	0.6	-2.6	2.0	-0.6	0.0
Paper and plastics products wholesaling ²	57	6	5.9	1.3	0.1	1.2	-1.1	2.5
Food wholesaling ²	57	8101	8.5	7.0	-4.3	1.0	-1.3	3.0
Automotive parts, including tires, retailing ²	58	6102	8.8	-3.8	2.5	0.0	2.1	-0.1
Hardware, building material, and supplies retailing.....	58	D	6.2	1.2	-2.0	1.3	5.7	-0.3
Transportation and warehousing services for intermediate demand.....	ID6	32	2.9	-0.4	0.3	-0.2	0.4	0.8
Rail transportation of freight and mail ²	30	11	1.4	0.1	0.0	0.0	0.1	0.0
Truck transportation of freight ²	30	12	-0.6	-2.5	0.9	0.3	-0.6	1.0
Water transportation of freight ²	30	13	-0.5	-2.0	-0.2	-1.1	1.7	0.9
Air transportation of freight ²	30	14	3.6	-0.1	1.6	-0.7	0.2	1.0
U.S. Postal Service ²	30	1601	13.9	0.0	0.0	0.0	0.0	6.2
Courier and messenger services, except air mail.....	30	1602	4.2	0.2	0.2	0.1	0.9	0.6
Air mail and package delivery services, excluding by USPS.....	30	1603	9.1	1.2	0.3	0.3	1.9	1.8
Pipeline transportation ²	30	17	3.2	0.0	1.8	2.2	0.0	-1.8
Transportation of passengers (partial).....	30	2	1.0	-1.5	-1.8	-0.9	-2.3	1.0
Services related to water transportation ²	31	1	5.9	0.4	1.8	0.0	0.3	0.3
Arrangement of freight and cargo ²	31	31	1.1	0.5	-0.1	-1.5	1.1	0.7
Warehousing, storage, and related services ²	32	1	0.7	0.0	0.0	-3.0	-1.1	0.4
Services less trade, transportation, and warehousing for intermediate demand.....	ID6	31	1.1	-0.1	0.2	0.2	0.0	0.6
Network compensation from broadcast TV, cable TV, radio ²	35	—	-0.7	0.0	0.0	0.1	0.0	0.0
Advertising space sales in periodicals and newspapers ²	36	11	-2.6	0.2	0.0	-0.1	-1.0	-0.2
Advertising space sales in directories and mail lists ²	36	12	8.2	0.0	0.0	1.0	0.4	0.0
Television advertising time sales.....	36	2	-16.1	-3.6	-1.1	3.2	1.1	-0.1
Radio advertising time sales ²	36	3	0.1	1.5	0.8	6.0	0.1	-6.7
Internet advertising sales ²	36	6	1.4	0.0	8.9	0.0	0.0	1.3
Business wired telecommunication services ²	37	12	4.4	-0.8	0.2	-0.3	-2.0	2.1
Wireless telecommunication services.....	37	2	0.7	0.1	0.1	0.2	0.1	0.2
Cable and satellite subscriber services.....	37	3	11.6	0.9	-0.3	1.4	-0.1	4.2
Bundled wired telecommunication access services ²	37	5	6.5	-1.1	-2.7	3.1	1.2	0.9
Data processing and related services ²	38	1	6.6	-0.4	0.2	1.2	-0.5	3.5
Business loans (partial).....	39	11	-20.5	-2.2	1.7	-3.7	-0.8	-1.3

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		July 2024 to July 2025 ^P	Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P
Deposit services (partial) ²	39	2	5.2	-1.8	-0.9	0.1	-5.1	1.0
Other credit intermediation, incl. trust services (partial) ²	39	3	-0.2	0.0	0.1	-4.0	0.5	0.0
Securities brokerage, dealing, investment advice, and related services ²	40	1	-3.1	0.3	1.7	-2.0	-0.6	3.2
Portfolio management ²	40	2	13.3	0.1	-6.8	-1.0	2.1	5.8
Investment banking ²	40	3	11.3	0.0	0.0	0.2	-0.2	0.0
Life insurance ²	41	1101	0.9	0.0	0.1	0.0	0.0	0.0
Health and medical insurance.....	41	1103	4.8	0.1	0.3	0.2	0.3	0.2
Property and casualty insurance ²	41	1104	4.6	1.2	0.1	0.2	0.1	0.1
Annuities ²	41	2	2.6	0.0	-1.3	0.1	0.0	0.0
Commissions from sales of insurance ²	42	1	0.6	0.0	0.1	0.1	0.0	0.3
Nonresidential real estate rents.....	43	11	-4.0	-2.0	0.9	1.2	-1.1	0.0
Nonresidential property sales and leases ²	43	12	0.2	0.1	0.0	-0.2	-0.1	-0.3
Residential property management fees ²	43	22	2.4	0.0	2.9	1.5	-0.3	-0.9
Passenger car rental.....	44	1	-3.1	-2.0	-0.3	-0.5	-0.8	5.4
Truck, utility trailer, and RV rental and leasing.....	44	2	5.7	0.0	0.8	1.3	-0.2	-0.1
Construction, mining, and forestry machinery and equipment rental and leasing ²	44	3	0.3	-0.7	0.3	0.3	0.0	0.5
Legal services.....	45	1	7.6	1.3	0.1	0.1	0.7	0.6
Accounting services (partial).....	45	2	2.1	-0.3	0.6	2.5	0.9	0.7
Architectural and engineering services.....	45	3	2.6	0.0	0.4	0.3	0.3	0.3
Management, scientific, and technical consulting services ²	45	4	3.2	0.2	-2.7	2.9	-0.1	0.0
Advertising and related services (partial) ²	45	5	0.1	0.0	0.1	-0.1	0.0	0.0
Permanent placement services ²	46	1	8.8	0.5	1.0	1.2	0.0	0.0
Executive search services ²	46	2	4.9	2.1	3.4	2.1	-3.8	-0.1
Staffing services.....	46	3	3.8	0.7	0.7	0.0	0.4	0.2
Security guard services ²	48	1	2.6	0.5	-0.7	0.0	0.4	0.1
Janitorial services ²	49	1	6.7	0.0	0.1	4.7	-0.3	0.1
Waste collection.....	50	1	6.4	2.1	-1.1	0.1	0.2	2.4
Traveler accommodation services.....	53	11	3.9	-1.1	-0.8	1.7	-3.3	3.1
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	6.3	1.0	0.5	-0.2	0.1	0.4
Aircraft repair and maintenance.....	55	4	—	0.0	0.2	0.2	0.2	—
Metal treatment services ²	59	1	4.8	1.1	1.7	-0.2	5.2	-4.7
Construction for intermediate demand.....	ID6	4	4.5	2.5	0.0	0.0	0.1	0.1
Maintenance and repair of non-residential buildings (partial) ²	80	2	4.5	2.5	0.0	0.0	0.1	0.1
Intermediate Demand by Production Flow								
Stage 4 intermediate demand.....	ID5	4	2.6	0.2	0.1	0.0	0.1	0.8
Stage 4 intermediate demand goods.....	ID5	9411	2.9	0.0	0.5	0.2	0.1	0.5
Grains.....	01	2	-0.8	-1.6	-0.2	-8.2	0.5	1.3
Meats.....	02	21	10.2	-2.5	0.3	-0.9	0.9	4.9
Unprocessed and packaged fish.....	02	23	8.2	1.6	0.1	0.8	-3.1	1.3
Dairy products ²	02	3	-1.3	-1.1	-1.1	-0.4	1.1	0.4
Commercial electric power.....	05	42	3.4	-1.4	1.9	-0.5	-1.2	1.2
Industrial electric power.....	05	43	4.0	2.6	1.5	-2.1	-0.3	3.3
Gasoline.....	05	71	-13.6	-10.5	-2.4	1.2	1.8	-1.8
No. 2 diesel fuel.....	05	7303	-7.2	-5.2	-2.1	-3.9	-0.1	11.8
Basic organic chemicals.....	06	14	-5.0	-0.9	-2.2	-1.3	-0.3	0.4
Prepared paint ²	06	21	1.6	-0.1	0.4	0.2	0.1	0.3
Medicinal and botanical chemicals ²	06	31	0.6	0.0	0.1	0.1	0.6	-0.5
Biological products, including diagnostics.....	06	37	3.7	0.4	-0.1	0.3	0.5	0.6
Pharmaceutical preparations.....	06	38	-0.5	0.1	0.0	0.0	0.2	0.0
Plastic construction products ²	07	21	-1.7	0.0	0.5	0.0	-0.2	-0.3
Unsupported plastic film, sheet, and other shapes ²	07	22	1.0	-0.2	-0.2	-0.1	0.4	0.5
Parts for manufacturing from plastics ²	07	26	0.8	0.1	0.0	0.0	-0.1	0.0
Plastic packaging products ²	07	2A	0.8	0.2	0.1	-0.1	0.1	-0.3
Lumber.....	08	1	6.7	2.4	1.8	-2.5	1.1	0.1
Millwork.....	08	2	1.0	-0.7	0.0	0.1	0.2	0.6
Paper boxes and containers ²	09	1503	6.6	0.2	1.2	1.0	0.2	0.5
Commercial printing ²	09	47	2.2	-0.2	0.4	0.4	0.3	-0.4
Steel mill products ²	10	17	8.8	6.9	5.7	7.6	-5.3	-0.5
Nonferrous wire and cable ²	10	26	10.5	3.6	3.7	-1.2	0.7	4.3
Fabricated structural metal products.....	10	7	5.9	1.8	0.5	0.2	0.7	0.1
Other miscellaneous metal products ²	10	89	2.3	0.2	0.3	0.2	0.2	0.6
Air conditioning and refrigeration equipment.....	11	48	5.2	-0.3	1.5	1.5	1.0	0.9
Wiring devices ²	11	71	3.2	0.1	2.5	1.4	0.4	1.4

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
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P	June to July ^P
Electronic components and accessories.....	11	78	-0.2	0.6	-0.1	0.0	-1.3	-0.3
Miscellaneous electrical machinery and equipment ²	11	79	2.0	0.1	0.3	0.2	0.2	0.5
Internal combustion engines ²	11	94	3.7	0.0	0.4	0.0	0.1	0.6
Machine shop products ²	11	95	1.1	0.1	0.2	0.0	0.2	0.0
Concrete ingredients and related products.....	13	2	5.6	0.1	0.2	0.5	0.4	0.2
Concrete products.....	13	3	2.1	-0.2	-0.4	0.7	0.3	-0.2
Prepared asphalt, tar roofing and siding products ²	13	61	1.3	-0.2	-0.8	3.8	0.0	-0.7
Paving mixtures and blocks.....	13	94	0.3	0.9	-4.1	-1.5	-0.5	-0.4
Motor vehicle parts ²	14	12	1.6	0.1	0.4	0.4	0.2	0.5
Aircraft engines and engine parts.....	14	23	2.0	-0.1	0.1	0.2	0.1	0.2
Aircraft parts and auxiliary equipment, n.e.c.....	14	25	1.5	0.4	-0.2	0.1	0.0	0.1
Medical, surgical and personal aid devices.....	15	6	1.6	-0.1	0.2	0.1	0.1	0.0
Stage 4 intermediate demand services.....	ID5	9412	2.5	0.3	-0.3	-0.1	0.0	1.0
Truck transportation of freight ²	30	12	-0.6	-2.5	0.9	0.3	-0.6	1.0
Courier, messenger, and U.S. postal services.....	30	16	8.7	0.4	0.2	0.1	0.9	2.9
Airline passenger services.....	30	22	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Warehousing, storage, and related services ²	32	1	0.7	0.0	0.0	-3.0	-1.1	0.4
Advertising space sales in periodicals and newspapers ²	36	11	-2.6	0.2	0.0	-0.1	-1.0	-0.2
Data processing and related services ²	38	1	6.6	-0.4	0.2	1.2	-0.5	3.5
Business loans (partial).....	39	11	-20.5	-2.2	1.7	-3.7	-0.8	-1.3
Deposit services (partial) ²	39	2	5.2	-1.8	-0.9	0.1	-5.1	1.0
Securities brokerage, dealing, investment advice, and related services ²	40	1	-3.1	0.3	1.7	-2.0	-0.6	3.2
Portfolio management ²	40	2	13.3	0.1	-6.8	-1.0	2.1	5.8
Investment banking ²	40	3	11.3	0.0	0.0	0.2	-0.2	0.0
Insurance.....	41	11	3.8	0.8	0.2	0.0	-0.1	0.0
Annuities ²	41	2	2.6	0.0	-1.3	0.1	0.0	0.0
Nonresidential real estate rents.....	43	11	-4.0	-2.0	0.9	1.2	-1.1	0.0
Nonresidential property sales and leases ²	43	12	0.2	0.1	0.0	-0.2	-0.1	-0.3
Nonresidential property management fees ²	43	13	6.3	1.1	2.1	1.3	0.7	2.7
Residential property management fees ²	43	22	2.4	0.0	2.9	1.5	-0.3	-0.9
Construction, mining, and forestry machinery and equipment rental and leasing ²	44	3	0.3	-0.7	0.3	0.3	0.0	0.5
Legal services.....	45	1	7.6	1.3	0.1	0.1	0.7	0.6
Advertising agency services ²	45	51	0.1	0.0	0.1	-0.1	0.0	0.0
Accounting services (partial).....	45	2	2.1	-0.3	0.6	2.5	0.9	0.7
Architectural and engineering services.....	45	3	2.6	0.0	0.4	0.3	0.3	0.3
Management, scientific, and technical consulting services ²	45	4	3.2	0.2	-2.7	2.9	-0.1	0.0
Staffing services.....	46	3	3.8	0.7	0.7	0.0	0.4	0.2
Janitorial services ²	49	1	6.7	0.0	0.1	4.7	-0.3	0.1
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	6.3	1.0	0.5	-0.2	0.1	0.4
Machinery and equipment parts and supplies wholesaling ²	57	1102	4.5	-1.0	1.3	-1.5	1.2	0.6
Building materials, paint, and hardware wholesaling.....	57	3	3.5	-2.0	0.5	3.6	0.4	-0.8
Metals, minerals, and ores wholesaling ²	57	4	13.7	18.9	-10.3	-6.7	0.9	2.5
Chemicals and allied products wholesaling ²	57	5	-0.1	0.6	-2.6	2.0	-0.6	0.0
Paper and plastics products wholesaling ²	57	6	5.9	1.3	0.1	1.2	-1.1	2.5
Food and alcohol wholesaling ²	57	8	7.5	6.2	-3.9	0.8	-1.2	2.7
Hardware and building materials and supplies retailing.....	58	D	6.2	1.2	-2.0	1.3	5.7	-0.3
Metal treatment services ²	59	1	4.8	1.1	1.7	-0.2	5.2	-4.7
Stage 3 intermediate demand.....	ID5	3	2.1	-0.5	-0.5	0.2	0.1	1.1
Stage 3 intermediate demand goods.....	ID5	9311	2.5	-1.7	-1.0	0.3	-0.1	2.0
Slaughter cattle.....	01	31	20.7	-0.4	1.5	7.1	3.4	2.1
Slaughter hogs.....	01	32	25.0	-3.8	-6.6	4.4	3.1	2.0
Slaughter poultry.....	01	4	4.4	-0.1	-4.2	-1.1	4.5	4.8
Raw milk.....	01	6	-0.1	-6.9	-6.3	3.0	0.0	9.1
Commercial electric power.....	05	42	3.4	-1.4	1.9	-0.5	-1.2	1.2
Industrial electric power.....	05	43	4.0	2.6	1.5	-2.1	-0.3	3.3
Gasoline.....	05	71	-13.6	-10.5	-2.4	1.2	1.8	-1.8
Jet fuel ²	05	7203	-13.0	-8.6	1.6	-9.6	-1.5	12.5
No. 2 diesel fuel.....	05	7303	-7.2	-5.2	-2.1	-3.9	-0.1	11.8
Finished lubricants ²	05	76	-0.2	0.3	-0.4	-0.1	0.0	0.1
Lubricating oil base stocks ²	05	78	-18.5	2.4	-4.6	1.8	0.0	1.9
Asphalt.....	05	8102	-13.7	-7.4	-0.9	-7.0	-5.2	-3.9
Basic inorganic chemicals ²	06	13	3.5	-0.1	0.1	1.0	0.6	0.9
Basic organic chemicals.....	06	14	-5.0	-0.9	-2.2	-1.3	-0.3	0.4
Paints and allied products ²	06	2	2.1	0.3	-0.3	0.6	-0.1	0.1

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		July 2024 to July 2025 ^P	Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P
Agricultural chemicals and chemical products.....	06	5	8.8	0.1	0.4	1.4	2.9	2.9
Plastic resins and materials.....	06	6	-2.8	0.3	-0.9	-1.6	-1.1	-0.8
Synthetic rubber ²	07	1102	1.3	7.4	-1.2	-1.2	-1.4	-1.3
Unsupported plastic film, sheet, and other shapes ²	07	22	1.0	-0.2	-0.2	-0.1	0.4	0.5
Paper ²	09	13	1.7	0.4	0.6	-0.3	-0.1	0.5
Paperboard ²	09	14	8.2	0.6	1.1	0.7	1.4	0.4
Converted paper and paperboard products ²	09	15	4.0	0.4	0.5	0.8	0.1	0.3
Commercial printing ²	09	47	2.2	-0.2	0.4	0.4	0.3	-0.4
Foundry and forge shop products ²	10	15	1.5	0.2	0.4	0.1	-0.2	0.8
Steel mill products ²	10	17	8.8	6.9	5.7	7.6	-5.3	-0.5
Nonferrous mill shapes ²	10	25	10.6	1.7	1.5	-2.4	0.2	6.0
Nonferrous foundry shop products ²	10	28	4.7	0.3	1.6	0.0	0.1	0.7
Metal containers ²	10	3	3.9	0.6	1.1	2.0	0.2	0.2
Structural, architectural, and pre-engineered metal products.....	10	74	6.4	3.2	0.5	0.4	0.6	-0.4
Bolts, nuts, screws, rivets, and washers ²	10	81	3.9	0.2	0.4	0.3	0.0	0.1
Other miscellaneous metal products ²	10	89	2.3	0.2	0.3	0.2	0.2	0.6
General purpose machinery and equipment.....	11	4	5.6	0.3	0.5	0.8	1.0	0.4
Electrical machinery and equipment.....	11	7	3.5	0.5	0.9	0.4	-0.1	0.4
Construction sand, gravel, and crushed stone.....	13	21	7.1	-0.1	0.4	0.4	0.4	0.4
Cement.....	13	22	1.7	0.6	-0.2	0.8	0.5	-0.2
Motor vehicle parts ²	14	12	1.6	0.1	0.4	0.4	0.2	0.5
Aircraft and aircraft equipment.....	14	2	2.1	0.3	0.2	0.1	0.1	0.1
Stage 3 intermediate demand services.....	ID5	9312	1.8	0.4	-0.1	0.1	0.3	0.5
Rail transportation of freight and mail ²	30	11	1.4	0.1	0.0	0.0	0.1	0.0
Courier, messenger, and U.S. postal services.....	30	16	8.7	0.4	0.2	0.1	0.9	2.9
Arrangement of freight and cargo ²	31	31	1.1	0.5	-0.1	-1.5	1.1	0.7
Freight forwarding ²	31	3201	-6.7	0.0	0.0	0.0	7.9	-4.8
Warehousing, storage, and related services ²	32	1	0.7	0.0	0.0	-3.0	-1.1	0.4
Advertising space sales in periodicals, newspapers, directories, and mailing lists ²	36	1	-1.0	0.2	0.0	0.0	-0.7	-0.2
Wired telephone services ²	37	1	2.4	-0.4	0.1	-0.1	-1.0	1.1
Bundled wired telecommunications access services ²	37	5	6.5	-1.1	-2.7	3.1	1.2	0.9
Data processing and related services ²	38	1	6.6	-0.4	0.2	1.2	-0.5	3.5
Business loans (partial).....	39	11	-20.5	-2.2	1.7	-3.7	-0.8	-1.3
Deposit services (partial) ²	39	2	5.2	-1.8	-0.9	0.1	-5.1	1.0
Securities brokerage, dealing, investment advice, and related services ²	40	1	-3.1	0.3	1.7	-2.0	-0.6	3.2
Insurance.....	41	11	3.8	0.8	0.2	0.0	-0.1	0.0
Nonresidential real estate rents.....	43	11	-4.0	-2.0	0.9	1.2	-1.1	0.0
Legal services.....	45	1	7.6	1.3	0.1	0.1	0.7	0.6
Accounting services (partial).....	45	2	2.1	-0.3	0.6	2.5	0.9	0.7
Architectural and engineering services.....	45	3	2.6	0.0	0.4	0.3	0.3	0.3
Management, scientific, and technical consulting services ²	45	4	3.2	0.2	-2.7	2.9	-0.1	0.0
Advertising agency services ²	45	51	0.1	0.0	0.1	-0.1	0.0	0.0
Staffing services.....	46	3	3.8	0.7	0.7	0.0	0.4	0.2
Aircraft repair maintenance.....	55	4	—	0.0	0.2	0.2	0.2	—
Machinery and equipment parts and supplies wholesaling ²	57	1102	4.5	-1.0	1.3	-1.5	1.2	0.6
Building materials, paint, and hardware wholesaling.....	57	3	3.5	-2.0	0.5	3.6	0.4	-0.8
Metals, minerals, and ores wholesaling ²	57	4	13.7	18.9	-10.3	-6.7	0.9	2.5
Chemicals and allied products wholesaling ²	57	5	-0.1	0.6	-2.6	2.0	-0.6	0.0
Paper and plastics products wholesaling ²	57	6	5.9	1.3	0.1	1.2	-1.1	2.5
Food wholesaling ²	57	8101	8.5	7.0	-4.3	1.0	-1.3	3.0
Metal treatment services ²	59	1	4.8	1.1	1.7	-0.2	5.2	-4.7
Stage 2 intermediate demand.....	ID5	2	-0.2	-0.6	-1.1	-0.7	0.9	0.5
Stage 2 intermediate demand goods.....	ID5	9211	-2.2	-2.0	-2.6	-2.0	2.4	0.6
Corn.....	01	2202	1.6	-0.8	0.2	-8.9	-0.3	2.4
Oilseeds.....	01	83	-10.3	-3.0	3.3	4.0	-1.4	-4.5
Prepared animal feeds.....	02	9	-1.3	-1.5	0.2	0.3	-0.5	-0.4
Coal ²	05	1	-1.3	-0.2	-4.4	1.1	0.0	-1.7
Natural gas ²	05	31	20.5	-2.4	-10.8	-16.8	9.2	-2.1
Natural gas liquids ²	05	32	-11.2	-7.0	-9.7	-5.2	-1.4	1.0
Crude petroleum ²	05	61	-16.6	-6.6	-6.4	-2.8	6.2	1.7
No. 2 diesel fuel.....	05	7303	-7.2	-5.2	-2.1	-3.9	-0.1	11.8
Industrial chemicals.....	06	1	-3.5	-0.7	-1.8	-0.9	-0.2	0.5
Plastic resins and materials.....	06	6	-2.8	0.3	-0.9	-1.6	-1.1	-0.8
Plastic products ²	07	2	0.2	0.2	0.2	-0.2	0.0	-0.1
Logs, bolts, timber, pulpwood, and wood chips ²	08	5	1.8	0.5	0.1	0.1	0.0	0.5

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
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. to Mar.	Mar. to Apr. ^P	Apr. to May ^P	May to June ^P	June to July ^P
Paper ²	09	13	1.7	0.4	0.6	-0.3	-0.1	0.5
Paperboard, excluding corrugated paperboard ²	09	1411	8.4	0.8	1.3	0.8	1.7	0.0
Commercial printing ²	09	47	2.2	-0.2	0.4	0.4	0.3	-0.4
Iron and steel scrap.....	10	12	1.4	0.2	0.4	-4.4	3.2	4.5
Steel mill products ²	10	17	8.8	6.9	5.7	7.6	-5.3	-0.5
Nonferrous mill shapes ²	10	25	10.6	1.7	1.5	-2.4	0.2	6.0
Electrical machinery and equipment.....	11	7	3.5	0.5	0.9	0.4	-0.1	0.4
Electronic components and accessories.....	11	78	-0.2	0.6	-0.1	0.0	-1.3	-0.3
Stage 2 intermediate demand services.....	ID5	9212	1.1	0.4	-0.1	0.2	0.0	0.4
Rail transportation of freight and mail ²	30	11	1.4	0.1	0.0	0.0	0.1	0.0
Truck transportation of freight ²	30	12	-0.6	-2.5	0.9	0.3	-0.6	1.0
U.S. Postal Service ²	30	1601	13.9	0.0	0.0	0.0	0.0	6.2
Courier and messenger services, except air.....	30	1602	4.2	0.2	0.2	0.1	0.9	0.6
Air mail and package delivery services, excluding by USPS.....	30	1603	9.1	1.2	0.3	0.3	1.9	1.8
Pipeline transportation ²	30	17	3.2	0.0	1.8	2.2	0.0	-1.8
Airline passenger services.....	30	22	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Arrangement of freight and cargo ²	31	31	1.1	0.5	-0.1	-1.5	1.1	0.7
Television advertising time sales.....	36	21	-16.1	-3.6	-1.1	3.2	1.1	-0.1
Wireless telecommunication services.....	37	2	0.7	0.1	0.1	0.2	0.1	0.2
Data processing and related services ²	38	1	6.6	-0.4	0.2	1.2	-0.5	3.5
Securities brokerage, dealing, investment advice, and related services ²	40	1	-3.1	0.3	1.7	-2.0	-0.6	3.2
Portfolio management ²	40	2	13.3	0.1	-6.8	-1.0	2.1	5.8
Investment banking ²	40	31	11.3	0.0	0.0	0.2	-0.2	0.0
Insurance.....	41	11	3.8	0.8	0.2	0.0	-0.1	0.0
Commissions from sales of insurance ²	42	11	0.6	0.0	0.1	0.1	0.0	0.3
Legal services.....	45	1	7.6	1.3	0.1	0.1	0.7	0.6
Accounting services (partial).....	45	2	2.1	-0.3	0.6	2.5	0.9	0.7
Management, scientific, and technical consulting services ²	45	4	3.2	0.2	-2.7	2.9	-0.1	0.0
Advertising agency services ²	45	51	0.1	0.0	0.1	-0.1	0.0	0.0
Staffing services.....	46	3	3.8	0.7	0.7	0.0	0.4	0.2
Security guard services ²	48	1	2.6	0.5	-0.7	0.0	0.4	0.1
Janitorial services ²	49	1	6.7	0.0	0.1	4.7	-0.3	0.1
Traveler accommodation services.....	53	1	3.9	-1.1	-0.8	1.7	-3.3	3.1
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	6.3	1.0	0.5	-0.2	0.1	0.4
Hardware and building materials and supplies retailing.....	58	D	6.2	1.2	-2.0	1.3	5.7	-0.3
Stage 1 intermediate demand.....	ID5	1	2.5	0.2	-0.1	0.1	0.0	1.1
Stage 1 intermediate demand goods.....	ID5	9111	2.3	0.1	0.3	0.1	0.1	0.8
Prepared animal feeds.....	02	9	-1.3	-1.5	0.2	0.3	-0.5	-0.4
Commercial electric power.....	05	42	3.4	-1.4	1.9	-0.5	-1.2	1.2
Industrial electric power.....	05	43	4.0	2.6	1.5	-2.1	-0.3	3.3
Commercial natural gas.....	05	52	12.5	5.2	4.4	-2.5	-1.2	0.2
Industrial natural gas.....	05	53	11.4	4.6	5.0	-4.7	-1.4	4.1
Gasoline.....	05	71	-13.6	-10.5	-2.4	1.2	1.8	-1.8
No. 2 diesel fuel.....	05	7303	-7.2	-5.2	-2.1	-3.9	-0.1	11.8
Industrial chemicals.....	06	1	-3.5	-0.7	-1.8	-0.9	-0.2	0.5
Prepared paint ²	06	21	1.6	-0.1	0.4	0.2	0.1	0.3
Plastic construction products ²	07	21	-1.7	0.0	0.5	0.0	-0.2	-0.3
Recyclable paper ²	09	12	-42.5	0.8	-0.4	-6.8	-7.4	-7.8
Paper ²	09	13	1.7	0.4	0.6	-0.3	-0.1	0.5
Converted paper and paperboard products ²	09	15	4.0	0.4	0.5	0.8	0.1	0.3
Iron and steel scrap.....	10	12	1.4	0.2	0.4	-4.4	3.2	4.5
Steel mill products ²	10	17	8.8	6.9	5.7	7.6	-5.3	-0.5
Primary nonferrous metals ²	10	22	34.8	6.4	-3.1	4.6	6.2	8.1
Nonferrous scrap.....	10	23	12.0	4.5	-2.8	0.0	1.7	8.6
Nonferrous wire and cable ²	10	26	10.5	3.6	3.7	-1.2	0.7	4.3
Fabricated structural metal products.....	10	7	5.9	1.8	0.5	0.2	0.7	0.1
General purpose machinery and equipment.....	11	4	5.6	0.3	0.5	0.8	1.0	0.4
Construction sand, gravel, and crushed stone.....	13	21	7.1	-0.1	0.4	0.4	0.4	0.4
Stage 1 intermediate demand services.....	ID5	9112	2.7	0.4	-0.5	0.1	-0.1	1.4
Truck transportation of freight ²	30	12	-0.6	-2.5	0.9	0.3	-0.6	1.0
Airline passenger services.....	30	22	1.1	-1.6	-1.8	-0.9	-2.3	1.0
Advertising space sales in periodicals, newspapers, directories, and mailing lists ²	36	1	-1.0	0.2	0.0	0.0	-0.7	-0.2
Business wired telecommunication services ²	37	12	4.4	-0.8	0.2	-0.3	-2.0	2.1
Wireless telecommunication services.....	37	2	0.7	0.1	0.1	0.2	0.1	0.2

See footnotes at end of table.

Table 2. Producer price index percentage changes for selected commodity groupings by Final Demand-Intermediate Demand category, seasonally adjusted — Continued
[July 2025]

Grouping	Commodity code		Unadjusted 12-month percent change ¹	Seasonally adjusted 1-month percent change ¹				
	Group code	Item code		Feb. to Mar.	Mar. to Apr. ^p	Apr. to May ^p	May to June ^p	June to July ^p
Bundled wired telecommunications access services ²	37	5	6.5	-1.1	-2.7	3.1	1.2	0.9
Business loans (partial).....	39	11	-20.5	-2.2	1.7	-3.7	-0.8	-1.3
Deposit services (partial) ²	39	2	5.2	-1.8	-0.9	0.1	-5.1	1.0
Securities brokerage, dealing, investment advice, and related services ²	40	1	-3.1	0.3	1.7	-2.0	-0.6	3.2
Portfolio management ²	40	2	13.3	0.1	-6.8	-1.0	2.1	5.8
Investment banking ²	40	3	11.3	0.0	0.0	0.2	-0.2	0.0
Insurance.....	41	11	3.8	0.8	0.2	0.0	-0.1	0.0
Nonresidential real estate rents.....	43	11	-4.0	-2.0	0.9	1.2	-1.1	0.0
Architectural and engineering services.....	45	3	2.6	0.0	0.4	0.3	0.3	0.3
Management consulting services ²	45	41	3.2	0.2	-2.7	2.9	-0.1	0.0
Waste collection.....	50	1	6.4	2.1	-1.1	0.1	0.2	2.4
Traveler accommodation services.....	53	11	3.9	-1.1	-0.8	1.7	-3.3	3.1
Commercial and industrial machinery and equipment repair and maintenance.....	55	1	6.3	1.0	0.5	-0.2	0.1	0.4
Machinery and equipment parts and supplies wholesaling ²	57	1102	4.5	-1.0	1.3	-1.5	1.2	0.6
Building materials, paint, and hardware wholesaling.....	57	3	3.5	-2.0	0.5	3.6	0.4	-0.8
Metals, minerals, and ores wholesaling ²	57	4	13.7	18.9	-10.3	-6.7	0.9	2.5
Chemicals and allied products wholesaling ²	57	5	-0.1	0.6	-2.6	2.0	-0.6	0.0
Paper and plastics products wholesaling ²	57	6	5.9	1.3	0.1	1.2	-1.1	2.5
Hardware and building materials and supplies retailing.....	58	D	6.2	1.2	-2.0	1.3	5.7	-0.3
Mining services ²	60	1	0.9	1.9	-1.5	-0.3	0.2	-0.4

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

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

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

p Preliminary

"-" Data not available.

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

Table 3. Producer price indexes for Final Demand-Intermediate Demand groupings, seasonally adjusted
[July 2025, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Mar. 2025	Apr. 2025 ^p	May 2025 ^p	June 2025 ^p	July 2025 ^p
Final Demand								
Final demand.....		FD	4	148.061	147.700	148.228	148.270	149.671
Final demand goods.....		FD	41	145.154	145.114	145.256	145.719	146.685
Final demand foods.....		FD	411	157.533	156.138	156.179	156.370	158.567
Finished consumer foods ²	00/82	FD	4111	284.272	280.857	280.824	281.116	285.627
Finished consumer foods, crude.....	00/82	FD	41113	345.709	295.854	285.476	269.835	304.504
Finished consumer foods, processed.....	00/82	FD	41112	277.183	278.209	279.162	280.976	282.576
Government purchased foods.....		FD	4112	163.630	163.312	164.056	164.932	167.959
Foods for export.....		FD	4113	141.497	142.087	142.105	142.125	142.379
Final demand energy.....		FD	412	132.319	131.868	131.388	132.533	133.691
Finished consumer energy goods ²	00/82	FD	4121	209.149	208.434	209.330	211.618	211.343
Government purchased energy.....		FD	4122	136.938	137.413	133.248	132.579	139.083
Energy for export.....		FD	4123	120.580	118.402	113.730	115.044	120.220
Final demand goods less foods and energy.....		FD	413	145.819	146.286	146.652	146.980	147.540
Finished goods less foods and energy ²	00/82	FD	4131	257.253	258.087	258.915	259.670	260.324
Finished consumer goods less foods and energy.....	00/82	FD	41311	284.362	285.170	286.034	286.761	287.385
Nondurable consumer goods less foods and energy.....	00/82	FD	413111	371.042	372.402	373.161	373.926	374.438
Durable consumer goods.....	00/82	FD	413112	195.897	196.202	197.101	197.753	198.431
Private capital equipment.....	00/82	FD	41312	222.204	223.024	223.784	224.530	225.182
Private capital equipment for manufacturing industries.....	00/82	FD	413121	242.094	243.217	244.268	245.608	246.605
Private capital equipment for nonmanufacturing industries.....	00/82	FD	413122	216.269	217.000	217.673	218.244	218.794
Government purchased goods, excluding foods and energy.....		FD	4132	142.227	142.815	143.175	143.558	143.952
Government purchased goods excluding foods, energy, and capital equipment.....		FD	41321	150.170	150.292	150.720	151.183	151.589
Government purchased capital equipment.....		FD	41322	130.083	131.218	131.491	131.769	132.142
Goods for export, excluding foods and energy.....		FD	4133	141.024	141.425	141.597	141.722	142.641
Final demand services.....		FD	42	148.286	147.797	148.503	148.350	149.955
Final demand trade services ³		FD	423	158.053	157.618	159.941	159.464	162.719
Trade of finished goods ²		FD	4231	155.321	155.256	157.555	157.021	160.032
Trade of personal consumption goods.....		FD	42311	154.116	154.359	156.173	155.652	157.715
Trade of private capital equipment.....		FD	42312	158.892	157.466	161.885	161.297	168.479
Trade of government purchased goods.....		FD	4232	176.461	173.459	176.520	176.180	181.581
Trade of government purchased goods, excluding capital equipment.....		FD	42321	181.806	178.265	179.193	178.584	181.191
Trade of government purchased capital equipment.....		FD	42322	166.781	164.615	170.832	170.903	180.483
Trade of exports.....		FD	4233	176.828	173.855	176.114	176.124	180.861
Final demand transportation and warehousing services.....		FD	422	151.917	152.028	151.963	150.771	152.296
Transportation of passengers for final demand.....		FD	4221	140.227	137.736	136.559	133.441	134.757
Transportation of private passengers.....		FD	42211	140.219	137.733	136.559	133.447	134.760
Transportation of government passengers.....		FD	42212	139.956	137.493	136.329	133.245	134.546
Transportation of passengers for export.....		FD	42213	140.270	137.758	136.570	133.425	134.752
Transportation and warehousing of goods for final demand.....		FD	4222	155.643	156.770	157.138	156.698	158.295
Transportation and warehousing of finished goods ²		FD	42221	152.977	154.124	154.500	153.896	155.579
Transportation and warehousing of personal consumption goods.....		FD	422211	153.794	154.935	155.320	154.749	156.518
Transportation and warehousing of private capital equipment.....		FD	422212	149.663	150.833	151.167	150.437	151.766
Transportation and warehousing of government purchased goods.....		FD	42222	155.561	156.641	156.720	156.078	157.792
Transportation and warehousing of exports.....		FD	42223	162.979	164.077	164.494	164.473	165.859
Final demand services less trade, transportation, and warehousing.....		FD	421	143.312	142.742	142.874	142.959	143.907
Finished services less trade, transportation, and warehousing ²		FD	4211	143.461	142.995	143.105	143.196	144.050
Finished consumer services less trade, transportation, and warehousing.....		FD	42111	143.039	142.673	142.774	142.893	143.808
Private capital investment services less trade, transportation, and warehousing.....		FD	42112	147.946	146.696	146.874	146.749	147.131
Government purchased services less trade, transportation, and warehousing.....		FD	4212	133.584	132.936	133.737	133.873	135.431
Gov. purchased services less trade, transportation, and warehousing, excl. capital investment.....		FD	42121	134.304	133.775	134.628	134.809	136.401
Government purchased capital investment services less trade, transportation, and warehousing.....		FD	42122	116.856	114.547	114.565	114.051	115.046
Services for export less trade, transportation, and warehousing.....		FD	4213	153.183	151.185	150.872	150.802	152.398
Final demand construction.....		FD	43	178.038	177.183	177.505	177.754	178.865
Construction for private capital investment.....		FD	431	181.451	180.614	180.982	181.287	182.464
Construction for government.....		FD	432	171.893	170.992	171.223	171.353	172.328
Final Demand Special Groupings								
Final demand less exports.....	04/10	FD	49101	145.788	145.469	146.046	146.092	147.432
Final demand less government.....	04/10	FD	49102	146.094	145.741	146.284	146.325	147.644
Final demand less foods and energy ⁴	04/10	FD	49104	146.730	146.441	147.058	147.019	148.371
Final demand less foods ⁴	04/10	FD	49106	145.336	145.038	145.585	145.618	146.954
Final demand less energy.....	04/10	FD	49107	147.078	146.727	147.311	147.284	148.682
Final demand less trade services.....	01/10	FD	49108	144.027	143.687	143.816	143.969	144.952

See footnotes at end of table.

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

[July 2025, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Mar. 2025	Apr. 2025 ^P	May 2025 ^P	June 2025 ^P	July 2025 ^P
Final demand less distributive services ⁵	01/10	FD	49109	143.700	143.297	143.416	143.595	144.552
Final demand goods less energy.....	01/10	FD	49111	146.819	146.877	147.168	147.463	148.373
Final demand goods less foods.....	04/10	FD	49112	139.428	139.672	139.832	140.342	141.029
Final demand services less trade services.....	04/10	FD	49113	142.862	142.361	142.474	142.439	143.432
Final demand distributive services ⁵	04/10	FD	49114	154.491	154.304	156.280	155.818	158.752
Final demand goods plus final demand distributive services ⁵	04/10	FD	49115	146.924	146.824	147.724	147.798	149.560
Final demand less foods, energy, and trade services ⁴	08/13	FD	49116	135.519	135.281	135.456	135.522	136.347
Private and government purchased capital equipment.....	08/13	FD	49117	134.132	134.721	135.155	135.583	135.975
Private and government purchased capital investment services.....	08/13	FD	49118	140.875	139.724	141.463	141.162	144.082
Total private and government purchased capital investment.....	08/13	FD	49119	140.518	140.056	141.119	141.156	142.875
Total finished ²	01/10	FD	49201	146.932	146.618	147.231	147.277	148.549
Total finished less foods and energy ^{2, 4}	01/10	FD	49203	147.355	147.143	147.797	147.744	149.040
Total finished less foods ^{2, 4}	01/10	FD	49205	146.245	146.018	146.666	146.705	147.908
Total finished less energy ²	01/10	FD	49206	148.034	147.728	148.345	148.304	149.669
Finished goods ²	00/82	FD	49207	259.966	259.530	260.228	261.324	262.559
Finished goods less energy ²	00/82	FD	49208	263.639	263.322	263.915	264.542	266.237
Finished goods, excluding foods ^{2, 4}	00/82	FD	49209	252.896	253.244	254.134	255.437	255.806
Finished services ²	01/10	FD	49210	146.303	145.978	146.672	146.518	147.991
Private capital investment services.....	04/10	FD	49211	151.374	150.199	151.967	151.636	154.606
Finished distributive services ^{2, 5}	04/10	FD	49212	151.840	151.922	153.943	153.411	156.201
Finished services less trade services ²	04/10	FD	49213	142.733	142.312	142.408	142.395	143.296
Finished services less distributive services ^{2, 5}	04/10	FD	49214	142.452	141.944	142.025	142.045	142.904
Total private capital investment (goods, services, and construction).....	04/10	FD	49215	148.849	148.332	149.478	149.505	151.330
Finished goods plus finished distributive services ²	04/10	FD	49216	148.248	148.161	149.336	149.398	151.093
Total exports.....	04/10	FD	49301	144.956	144.371	144.515	144.528	146.157
Goods for export.....	00/82	FD	49302	234.618	235.079	234.870	235.174	237.002
Services for export.....	04/10	FD	49303	160.975	159.186	159.703	159.489	161.957
Total government purchases.....	04/10	FD	49401	141.823	141.434	141.693	141.739	143.802
Government purchased goods.....	00/82	FD	49402	232.785	233.524	232.293	232.565	236.259
Government purchased services.....	04/10	FD	49403	142.201	141.215	142.292	142.230	144.407
Total government purchased capital investment (goods, services, construction).....	08/13	FD	49404	138.512	138.238	139.160	139.278	140.947
Government purchases, defense.....	05/15	FD	49405	127.076	127.314	127.371	127.322	129.932
Government purchases, non-defense.....	05/15	FD	49406	136.569	135.927	136.251	136.337	138.009
Personal consumption.....	01/10	FD	49501	146.410	146.141	146.632	146.682	147.829
Personal consumption goods (finished consumer goods).....	00/82	FD	49502	275.889	274.901	275.570	276.821	278.310
Personal consumption goods less energy.....	00/82	FD	49503	284.950	283.910	284.383	284.921	287.249
Personal consumption goods less foods.....	00/82	FD	49504	270.376	270.428	271.393	273.043	273.235
Personal consumption nondurable goods less foods.....	00/82	FD	49508	302.855	302.792	303.783	305.876	305.848
Personal consumption services.....	04/10	FD	49505	144.974	144.781	145.306	145.180	146.417
Personal consumption less trade services.....	04/10	FD	49506	143.870	143.475	143.635	143.826	144.740
Personal consumption less distributive services ⁵	04/10	FD	49507	143.752	143.303	143.454	143.673	144.558
Personal consumption less foods and energy.....	04/14	FD	49510	135.558	135.436	135.919	135.849	136.917
Personal consumption less foods, energy, and trade services ³	04/14	FD	49511	133.543	133.317	133.439	133.493	134.310
Personal consumption less foods, energy, and distributive services ⁵	04/14	FD	49512	133.773	133.491	133.604	133.683	134.468
Personal consumption goods plus personal consumption distributive services ⁵	08/13	FD	49509	135.558	135.483	136.388	136.446	137.721
Intermediate Demand by Commodity Type								
Processed goods								
Processed goods for intermediate demand.....	00/82	ID6	1	258.055	258.763	258.996	259.080	261.048
Materials and components for manufacturing.....	00/82	ID6	11	238.661	239.401	241.066	240.269	241.800
Materials for manufacturing.....		ID6	111	147.708	148.088	149.465	148.477	149.667
Materials for food manufacturing.....	00/82	ID6	1111	274.154	269.781	271.958	270.291	269.983
Materials for nondurable manufacturing.....	00/82	ID6	1112	266.293	264.381	263.574	264.200	266.050
Materials for durable manufacturing.....	00/82	ID6	1113	281.033	287.269	294.038	289.168	292.971
Components for manufacturing.....	00/82	ID6	112	193.261	194.022	194.639	195.038	195.766
Components for nondurable manufacturing.....		ID6	1121	149.310	149.358	149.409	149.883	150.313
Components for durable manufacturing.....		ID6	1122	136.441	137.004	137.459	137.733	138.253
Materials and components for construction.....	00/82	ID6	12	359.791	360.456	361.882	362.923	363.153
Materials for construction.....		ID6	121	172.070	171.232	171.452	171.239	171.306
Components for construction.....		ID6	122	182.088	183.405	184.517	185.648	185.801
Processed fuels and lubricants for intermediate demand.....	00/82	ID6	13	231.560	231.670	227.144	228.284	233.384
Processed fuels and lubricants to manufacturing industries.....	00/82	ID6	131	245.934	246.069	241.868	240.949	248.304
Processed fuels and lubricants to nonmanufacturing industries.....	00/82	ID6	132	227.283	227.385	222.751	224.541	228.927
Containers for intermediate demand.....	00/82	ID6	14	315.328	318.395	321.345	321.847	323.395
Supplies for intermediate demand.....	00/82	ID6	15	256.070	256.916	257.638	258.174	258.787
Supplies to manufacturing industries.....	00/82	ID6	151	255.241	256.777	256.361	256.751	258.457
Supplies to nonmanufacturing industries.....	00/82	ID6	152	254.166	254.898	255.791	256.345	256.783
Supplies to nonmanufacturing industries, feeds.....	00/82	ID6	1521	214.103	214.132	214.519	214.185	213.076

See footnotes at end of table.

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

[July 2025, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Mar. 2025	Apr. 2025 ^p	May 2025 ^p	June 2025 ^p	July 2025 ^p
Supplies to nonmanufacturing industries, other than feeds.	00/82	ID6	1522	261.416	262.246	263.211	263.886	264.529
Unprocessed goods								
Unprocessed goods for intermediate demand.	00/82	ID6	2	256.365	246.641	242.088	248.411	252.908
Unprocessed foodstuffs and feedstuffs.	00/82	ID6	21	231.894	223.959	226.720	228.357	234.942
Unprocessed nonfood materials.	00/82	ID6	22	262.989	252.386	242.692	251.950	254.791
Unprocessed nonfood materials except fuel.	00/82	ID6	221	314.537	305.966	300.046	309.949	315.543
Unprocessed nonfood materials except fuel to manufacturing industries.	00/82	ID6	2211	288.309	279.920	274.115	283.675	289.038
Unprocessed nonfood materials except fuel to nonmanufacturing industries.	00/82	ID6	2212	395.881	397.460	398.776	400.230	401.883
Unprocessed fuel.	00/82	ID6	222	152.968	139.027	122.661	130.319	127.756
Unprocessed fuel to manufacturing industries.	00/82	ID6	2221	241.763	228.419	224.203	227.141	223.186
Unprocessed fuel to nonmanufacturing industries.	00/82	ID6	2222	152.327	137.955	120.437	128.592	126.033
Services								
Services for intermediate demand.		ID6	3	153.609	153.234	153.456	153.534	154.703
Trade services for intermediate demand ⁹		ID6	33	187.031	183.010	183.120	183.398	185.817
Trade services for manufacturing industries.	12/12	ID6	331	172.083	167.981	167.427	167.464	169.678
Trade services for nonmanufacturing industries.	12/12	ID6	332	165.285	162.114	162.837	163.290	165.439
Transportation and warehousing services for intermediate demand.		ID6	32	163.560	164.113	163.778	164.430	165.699
Transportation of passengers for intermediate demand.		ID6	321	140.018	137.555	136.392	133.309	134.610
Transportation of passengers for manufacturing industries.		ID6	3211	140.244	137.733	136.547	133.403	134.730
Transportation of passengers for nonmanufacturing industries.		ID6	3212	140.052	137.596	136.434	133.359	134.657
Transportation and warehousing of goods for intermediate demand.		ID6	322	166.100	166.936	166.678	167.679	168.949
Transportation and warehousing of goods for manufacturing industries.	12/12	ID6	3221	131.978	133.091	133.623	133.375	133.470
Transportation and warehousing of goods for nonmanufacturing industries.	12/12	ID6	3222	150.134	150.759	150.312	151.521	152.934
Services less trade, transportation, and warehousing for intermediate demand.		ID6	31	143.157	143.392	143.738	143.667	144.538
Services less trade, transportation, and warehousing for manufacturing industries.		ID6	311	137.779	137.983	138.240	139.939	139.636
Services less trade, transportation, and warehousing for nonmanufacturing industries.		ID6	312	143.319	143.555	143.904	143.772	144.683
Construction								
Construction for intermediate demand.		ID6	4	158.556	158.584	158.648	158.871	158.989
Intermediate Demand by Commodity Type Special Groupings								
Processed materials less foods and feeds.	00/82	ID6	9111	258.358	259.381	259.470	259.637	261.836
Processed foods and feeds.	00/82	ID6	9112	255.355	252.986	254.629	253.897	253.599
Processed energy goods.	00/82	ID6	9113	232.635	232.746	228.199	229.342	234.461
Processed materials less energy.	00/82	ID6	9118	261.286	262.134	263.554	263.368	264.518
Processed materials less foods and energy.	00/82	ID6	9115	261.542	262.804	264.192	264.077	265.411
Intermediate distributive services ⁶	04/10	ID6	9116	175.280	173.423	173.372	173.960	175.845
Processed goods plus intermediate distributive services.	04/10	ID6	9117	149.723	149.502	149.581	149.773	151.064
Unprocessed materials less agricultural products.	00/82	ID6	9211	271.265	259.490	250.185	260.461	263.387
Unprocessed energy materials ⁷	00/82	ID6	9212	197.077	182.727	172.472	182.976	183.982
Unprocessed materials less energy.	00/82	ID6	9213	287.629	282.636	283.325	285.316	292.504
Unprocessed nonfood materials less energy ⁸	00/82	ID6	9216	453.721	458.063	452.260	455.233	464.151
Intermediate Demand by Production Flow								
Stage 4 Intermediate Demand								
Stage 4 intermediate demand.		ID5	4	154.467	154.578	154.647	154.768	155.965
Inputs to stage 4 goods producers.		ID5	41	150.630	150.867	151.034	151.163	152.119
Goods.		ID5	411	141.001	141.886	142.306	142.271	143.018
Foods.		ID5	4111	144.193	144.185	142.617	143.282	143.175
Energy.		ID5	4112	145.214	144.057	147.602	148.679	142.869
Goods excluding foods and energy.		ID5	4113	140.584	141.625	142.322	142.170	143.109
Services.		ID5	412	182.683	180.762	180.087	180.756	182.405
Trade services.		ID5	4123	197.567	194.736	193.577	194.098	196.538
Transportation and warehousing services.		ID5	4122	138.879	139.075	138.941	138.246	139.011
Transportation of passengers.		ID5	41221	140.270	137.757	136.570	133.424	134.751
Transportation and warehousing of goods.		ID5	41222	147.802	148.543	148.606	148.342	149.049
Services less trade, transportation, and warehousing.		ID5	4121	138.837	139.004	139.595	141.059	140.575
Inputs to stage 4 services producers.		ID5	42	153.087	153.263	153.166	153.173	154.669
Goods.		ID5	421	149.618	150.469	150.291	150.635	151.688
Foods.		ID5	4211	154.815	154.987	156.101	157.252	158.537
Energy.		ID5	4212	141.893	143.651	141.819	141.694	143.800
Goods excluding foods and energy.		ID5	4213	151.648	152.172	152.565	152.922	153.275
Services.		ID5	422	154.006	153.958	153.887	153.780	155.424
Trade services.		ID5	4223	173.969	171.418	171.979	171.812	173.848

See footnotes at end of table.

Table 3. Producer price indexes for Final Demand-Intermediate Demand groupings, seasonally adjusted — Continued
[July 2025, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Mar. 2025	Apr. 2025 ^P	May 2025 ^P	June 2025 ^P	July 2025 ^P
Transportation and warehousing services.....		ID5	4222	161.424	161.311	159.865	159.675	162.546
Transportation of passengers.....		ID5	42221	139.704	137.216	136.040	132.925	134.240
Transportation and warehousing of goods.....		ID5	42222	165.785	166.074	164.576	164.880	168.027
Services less trade, transportation, and warehousing.....		ID5	4221	149.998	150.223	150.229	150.138	151.600
Construction.....		ID5	423	158.556	158.584	158.648	158.871	158.989
Inputs to stage 4 construction producers.....		ID5	43	166.155	165.711	166.256	166.839	167.305
Goods.....		ID5	431	169.464	169.494	170.163	170.769	171.065
Energy.....		ID5	4312	128.601	125.868	125.747	126.656	126.760
Goods excluding foods and energy.....		ID5	4313	177.457	177.766	178.529	179.123	179.445
Services.....		ID5	432	157.548	155.925	156.163	156.686	157.567
Trade services.....		ID5	4323	180.440	175.166	175.312	176.364	177.923
Transportation and warehousing services.....		ID5	4322	146.758	147.769	148.052	147.286	148.485
Transportation of passengers.....		ID5	43221	146.207	143.593	142.358	139.085	140.466
Transportation and warehousing of goods.....		ID5	43222	147.550	148.654	148.976	148.265	149.465
Services less trade, transportation, and warehousing.....		ID5	4321	136.556	137.041	137.330	137.880	138.036
Stage 3 Intermediate Demand								
Stage 3 intermediate demand.....		ID5	3	149.716	148.995	149.277	149.422	151.136
Inputs to stage 3 goods producers.....		ID5	31	161.017	158.824	159.858	159.711	161.783
Goods.....		ID5	311	155.466	153.531	154.898	154.655	156.879
Foods.....		ID5	3111	179.543	169.827	172.773	174.146	180.122
Energy.....		ID5	3112	133.580	132.593	130.136	129.683	126.959
Goods excluding foods and energy.....		ID5	3113	150.815	152.098	153.051	152.104	153.108
Services.....		ID5	312	171.579	168.542	168.223	168.418	169.780
Trade services.....		ID5	3123	183.287	176.817	176.127	175.958	178.409
Transportation and warehousing services.....		ID5	3122	150.809	151.512	151.580	150.980	152.082
Transportation of passengers.....		ID5	31221	149.345	146.671	145.407	142.060	143.472
Transportation and warehousing of goods.....		ID5	31222	150.678	151.565	151.707	151.258	152.341
Services less trade, transportation, and warehousing.....		ID5	3121	141.136	142.091	142.231	144.925	143.216
Inputs to stage 3 services producers.....		ID5	32	140.206	140.552	140.281	140.597	142.066
Goods.....		ID5	321	116.200	115.975	113.519	113.503	118.159
Foods.....		ID5	3211	149.706	149.830	150.875	151.145	150.788
Energy.....		ID5	3212	107.520	106.919	102.715	102.548	109.982
Goods excluding foods and energy.....		ID5	3213	139.677	140.065	140.301	140.551	140.904
Services.....		ID5	322	146.197	146.697	146.997	147.403	148.043
Trade services.....		ID5	3223	208.189	203.836	205.186	204.338	207.458
Transportation and warehousing services.....		ID5	3222	174.808	175.427	174.705	176.854	178.529
Transportation of passengers.....		ID5	32221	104.576	104.477	104.430	104.306	104.358
Transportation and warehousing of goods.....		ID5	32222	175.373	175.995	175.270	177.429	179.113
Services less trade, transportation, and warehousing.....		ID5	3221	135.137	135.895	136.414	136.418	136.628
Construction.....		ID5	323	158.556	158.584	158.648	158.871	158.989
Inputs to stage 3 construction producers.....		ID5	33	145.431	144.807	145.443	147.317	147.687
Goods.....		ID5	331	138.035	138.756	138.701	138.802	139.499
Goods excluding foods and energy.....		ID5	3313	175.890	176.809	176.738	176.867	177.755
Services.....		ID5	332	173.529	171.216	172.761	177.007	177.033
Trade services.....		ID5	3323	178.626	175.924	177.666	182.057	182.362
Transportation and warehousing services.....		ID5	3322	118.957	119.120	118.741	119.198	119.545
Transportation and warehousing of goods.....		ID5	33222	125.564	125.736	125.336	125.818	126.184
Services less trade, transportation, and warehousing.....		ID5	3321	130.125	131.609	131.591	135.874	132.075
Stage 2 Intermediate Demand								
Stage 2 intermediate demand.....		ID5	2	137.942	136.422	135.448	136.722	137.349
Inputs to stage 2 goods producers.....		ID5	21	124.827	121.909	120.098	122.275	122.918
Goods.....		ID5	211	117.730	114.164	111.527	114.468	115.203
Foods.....		ID5	2111	135.237	137.059	138.808	138.362	135.910
Energy.....		ID5	2112	87.501	81.072	76.513	80.901	81.373
Goods excluding foods and energy.....		ID5	2113	147.234	147.947	148.035	148.609	150.451
Services.....		ID5	212	160.320	159.194	159.904	159.764	160.167
Trade services.....		ID5	2123	188.767	182.914	183.941	182.821	186.541
Transportation and warehousing services.....		ID5	2122	174.781	176.858	178.461	178.741	176.160
Transportation of passengers.....		ID5	21221	140.472	138.067	136.930	133.918	135.189
Transportation and warehousing of goods.....		ID5	21222	176.778	179.077	180.816	181.256	178.483
Services less trade, transportation, and warehousing.....		ID5	2121	140.122	141.076	140.659	141.207	140.812
Construction.....		ID5	213	158.556	158.584	158.648	158.871	158.989
Inputs to stage 2 services producers.....		ID5	22	149.383	149.644	149.736	149.836	150.420
Goods.....		ID5	221	145.694	146.117	146.207	146.860	147.130
Foods.....		ID5	2211	116.519	116.096	115.228	115.368	115.476
Energy.....		ID5	2212	139.585	139.461	136.268	141.632	139.147
Goods excluding foods and energy.....		ID5	2213	146.799	147.271	147.590	147.939	148.394
Services.....		ID5	222	149.199	149.445	149.538	149.566	150.198

See footnotes at end of table.

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

[July 2025, Index base Nov. 2009=100, unless otherwise indicated]

Grouping	Other index base	Commodity code		Seasonally adjusted index ¹				
		Group code	Item code	Mar. 2025	Apr. 2025 ^P	May 2025 ^P	June 2025 ^P	July 2025 ^P
Trade services.....		ID5	2223	200.846	199.929	199.923	200.526	204.742
Transportation and warehousing services.....		ID5	2222	152.908	152.699	151.632	154.862	153.551
Transportation of passengers.....		ID5	22221	140.673	138.172	136.990	133.858	135.179
Transportation and warehousing of goods.....		ID5	22222	155.760	155.972	154.921	159.325	157.528
Services less trade, transportation, and warehousing.....		ID5	2221	147.405	147.740	147.924	147.686	148.300
Construction.....		ID5	223	158.556	158.584	158.648	158.871	158.989
Stage 1 Intermediate Demand								
Stage 1 intermediate demand.....		ID5	1	148.788	148.624	148.791	148.765	150.409
Inputs to stage 1 goods producers.....		ID5	11	145.707	145.278	145.356	145.399	146.419
Goods.....		ID5	111	139.997	140.820	141.047	141.021	141.850
Foods.....		ID5	1111	132.118	132.870	129.302	129.476	130.255
Energy.....		ID5	1112	124.223	124.626	123.183	126.185	123.881
Goods excluding foods and energy.....		ID5	1113	148.730	149.688	150.968	150.170	151.790
Services.....		ID5	112	165.861	161.812	161.465	161.702	163.291
Trade services.....		ID5	1123	181.684	175.395	174.945	174.943	176.773
Transportation and warehousing services.....		ID5	1122	162.308	162.924	162.277	162.757	163.173
Transportation of passengers.....		ID5	11221	140.243	137.731	136.543	133.399	134.726
Transportation and warehousing of goods.....		ID5	11222	165.930	167.315	166.811	168.196	168.378
Services less trade, transportation, and warehousing.....		ID5	1121	119.450	118.121	118.001	118.457	119.652
Construction.....		ID5	113	158.556	158.584	158.648	158.871	158.989
Inputs to stage 1 services producers.....		ID5	12	149.544	149.658	149.783	149.512	151.695
Goods.....		ID5	121	145.221	145.309	145.186	145.465	147.360
Foods.....		ID5	1211	331.052	254.356	273.905	227.231	200.789
Energy.....		ID5	1212	141.041	140.933	138.064	138.384	144.121
Goods excluding foods and energy.....		ID5	1213	153.888	154.600	155.631	156.228	156.595
Services.....		ID5	122	150.674	150.798	151.027	150.525	152.820
Trade services.....		ID5	1223	185.012	182.467	182.691	183.175	185.741
Transportation and warehousing services.....		ID5	1222	151.392	150.913	150.486	149.890	153.069
Transportation of passengers.....		ID5	12221	140.159	137.648	136.462	133.319	134.645
Transportation and warehousing of goods.....		ID5	12222	173.496	174.035	173.963	174.640	179.132
Services less trade, transportation, and warehousing.....		ID5	1221	145.443	145.914	146.233	145.654	147.770
Construction.....		ID5	123	158.556	158.584	158.648	158.871	158.989
Inputs to stage 1 construction producers.....		ID5	13	165.666	164.928	165.565	166.496	167.495
Goods.....		ID5	131	166.502	166.290	166.749	167.198	168.290
Energy.....		ID5	1312	112.270	110.124	107.394	107.272	116.278
Goods excluding foods and energy.....		ID5	1313	175.764	175.782	176.634	177.161	177.310
Services.....		ID5	132	164.669	162.638	163.716	165.832	166.608
Trade services.....		ID5	1323	176.253	172.982	174.369	177.574	178.170
Transportation and warehousing services.....		ID5	1322	120.605	121.648	121.943	121.294	122.476
Transportation and warehousing of goods.....		ID5	13222	124.750	125.830	126.134	125.463	126.686
Services less trade, transportation, and warehousing.....		ID5	1321	146.432	147.011	147.043	147.283	147.734
Intermediate Demand by Production Flow Special Groupings								
Total goods inputs to stage 4 intermediate demand.....	04/10	ID5	9411	146.204	146.890	147.174	147.380	148.111
Total services inputs to stage 4 intermediate demand.....	04/10	ID5	9412	158.124	157.711	157.583	157.626	159.214
Total construction inputs to stage 4 intermediate demand.....	04/10	ID5	9413	157.242	157.270	157.334	157.555	157.672
Total foods inputs to stage 4 intermediate demand.....	04/10	ID5	9414	145.497	145.566	145.159	146.014	146.495
Total energy goods inputs to stage 4 intermediate demand.....	04/10	ID5	9415	128.366	129.233	127.970	128.043	129.437
Total goods less foods and energy inputs to stage 4 intermediate demand.....	04/10	ID5	9416	150.187	150.939	151.583	151.712	152.376
Total goods inputs to stage 3 intermediate demand.....	04/10	ID5	9311	138.124	136.734	137.086	136.917	139.611
Total services inputs to stage 3 intermediate demand.....	04/10	ID5	9312	149.507	149.401	149.610	150.015	150.763
Total construction inputs to stage 3 intermediate demand.....	04/10	ID5	9313	157.242	157.270	157.334	157.555	157.672
Total foods inputs to stage 3 intermediate demand.....	04/10	ID5	9314	159.575	151.003	153.610	154.823	160.094
Total energy goods inputs to stage 3 intermediate demand.....	04/10	ID5	9315	109.330	108.683	104.819	104.613	110.396
Total goods less foods and energy inputs to stage 3 intermediate demand.....	04/10	ID5	9316	143.175	144.262	145.048	144.341	145.201
Total goods inputs to stage 2 intermediate demand.....	04/10	ID5	9211	114.824	111.827	109.588	112.164	112.818
Total services inputs to stage 2 intermediate demand.....	04/10	ID5	9212	152.323	152.246	152.485	152.473	153.054
Total construction inputs to stage 2 intermediate demand.....	04/10	ID5	9213	157.242	157.270	157.334	157.555	157.672
Total foods inputs to stage 2 intermediate demand.....	04/10	ID5	9214	135.851	137.648	139.366	138.926	136.500
Total energy goods inputs to stage 2 intermediate demand.....	04/10	ID5	9215	86.255	80.030	75.581	79.889	80.318
Total goods less foods and energy inputs to stage 2 intermediate demand.....	04/10	ID5	9216	138.737	139.356	139.490	139.982	141.413
Total goods inputs to stage 1 intermediate demand.....	04/10	ID5	9111	129.915	130.273	130.404	130.544	131.638
Total services inputs to stage 1 intermediate demand.....	04/10	ID5	9112	153.408	152.677	152.860	152.659	154.721
Total construction inputs to stage 1 intermediate demand.....	04/10	ID5	9117	157.242	157.270	157.334	157.555	157.672
Total foods inputs to stage 1 intermediate demand.....	04/10	ID5	9114	128.864	127.774	124.955	124.031	124.133
Total energy goods inputs to stage 1 intermediate demand.....	04/10	ID5	9115	127.105	127.030	124.835	126.166	128.804
Total goods less foods and energy inputs to stage 1 intermediate demand.....	04/10	ID5	9116	129.232	129.802	130.726	130.647	131.419

¹ All indexes are subject to revision for 4 months after their originally scheduled publication to incorporate late reports and corrections by survey respondents. In addition, seasonally

adjusted indexes are subject to change for up to 5 years due to the recalculation of seasonal factors published each January.

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

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

⁴ The PPI definition of foods does not include food and beverages for immediate consumption. PPI defines food and beverages for immediate consumption as the service of preparing meals, snacks, and beverages to customer order for immediate on-premises and off-premises consumption.

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

⁶ Includes intermediate trade, transportation, and warehousing services.

⁷ Includes crude petroleum.

⁸ Excludes crude petroleum.

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"-" Data not available.