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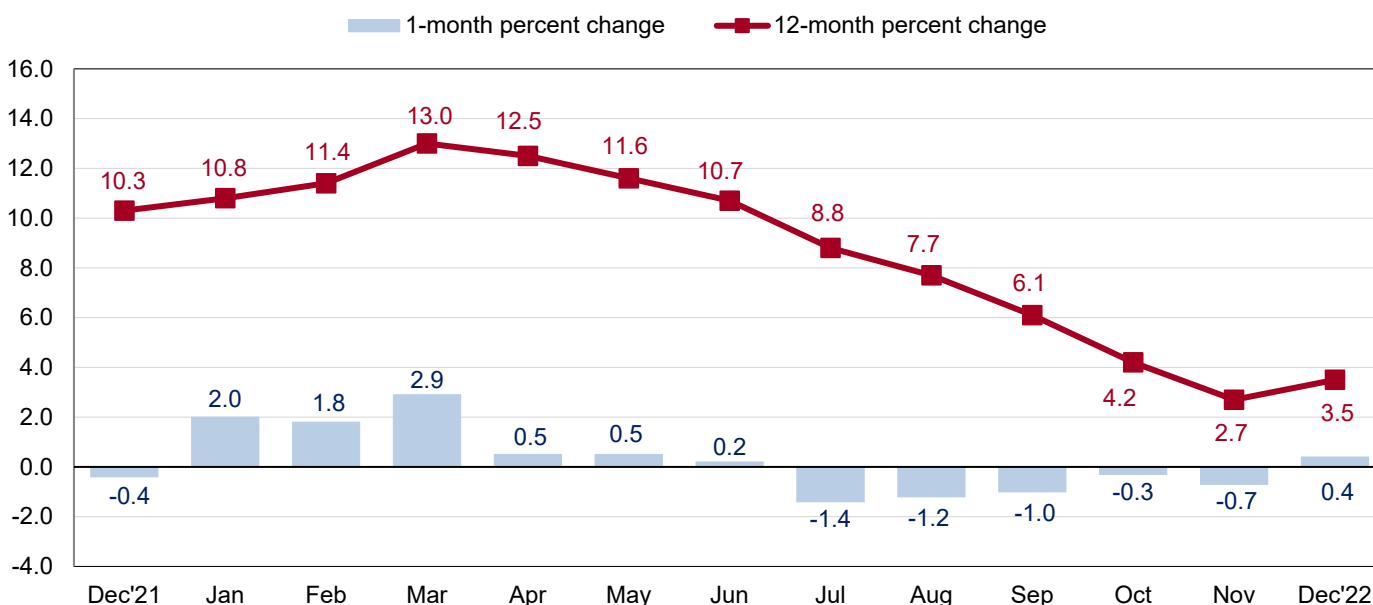
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### U.S. IMPORT AND EXPORT PRICE INDEXES – DECEMBER 2022

Prices for U.S. imports increased 0.4 percent in December, after declining 0.7 percent in November, the U.S. Bureau of Labor Statistics reported today. Higher nonfuel prices and fuel prices contributed to the December advance. U.S. export prices fell 2.6 percent in December following a 0.4-percent decrease the previous month.

Chart 1. One-month and 12-month percent changes in the Import Price Index: December 2021 – December 2022



### Imports

U.S. import prices advanced 0.4 percent in December, the first monthly increase since the index rose 0.2 percent in June 2022. The December advance followed a 4.6-percent decline from June to November. The price index for U.S. imports increased 3.5 percent over the past 12 months, driven by higher fuel and nonfuel prices. (See table 1.)

**Fuel Imports:** Import fuel prices increased 0.6 percent in December, after declining 3.7 percent in November. The December advance is the first monthly increase since the index rose 5.6 percent in June 2022. Higher natural gas prices in December more than offset lower prices for petroleum. Import natural gas prices advanced 59.5 percent in December following a 1.5-percent increase in November. In contrast, petroleum prices declined 2.7 percent in December following a 4.0-percent drop in November. Prices for import fuel increased 19.4 percent from December 2021 to December 2022. Higher prices for both petroleum and natural gas drove the 12-month advance, rising 16.9 percent and 64.2 percent, respectively.

**All Imports Excluding Fuel:** Prices for nonfuel imports increased 0.4 percent in December, the first 1-month advance since a 0.4-percent rise in April 2022. Higher prices for nonfuel industrial supplies and materials; consumer goods; foods, feeds, and beverages; capital goods; and automotive vehicles all contributed to the December increase. The price index for nonfuel imports rose 1.9 percent in 2022, the smallest calendar-year advance since a 1.9-percent increase in 2020.

*Foods, Feeds, and Beverages:* Import foods, feeds, and beverages prices rose 0.4 percent in December, after increasing 1.8 percent the previous month. The advance in December was led by an 11.1-percent increase in prices for feedstuff and foodgrains.

*Nonfuel Industrial Supplies and Materials:* Nonfuel industrial supplies and materials prices rose 1.2 percent in December following a 2.1-percent decline in November. The December advance was the first monthly rise since the index increased 0.6 percent in April 2022. Higher prices for nonferrous metals and finished metals in December more than offset price decreases for chemicals and selected building materials.

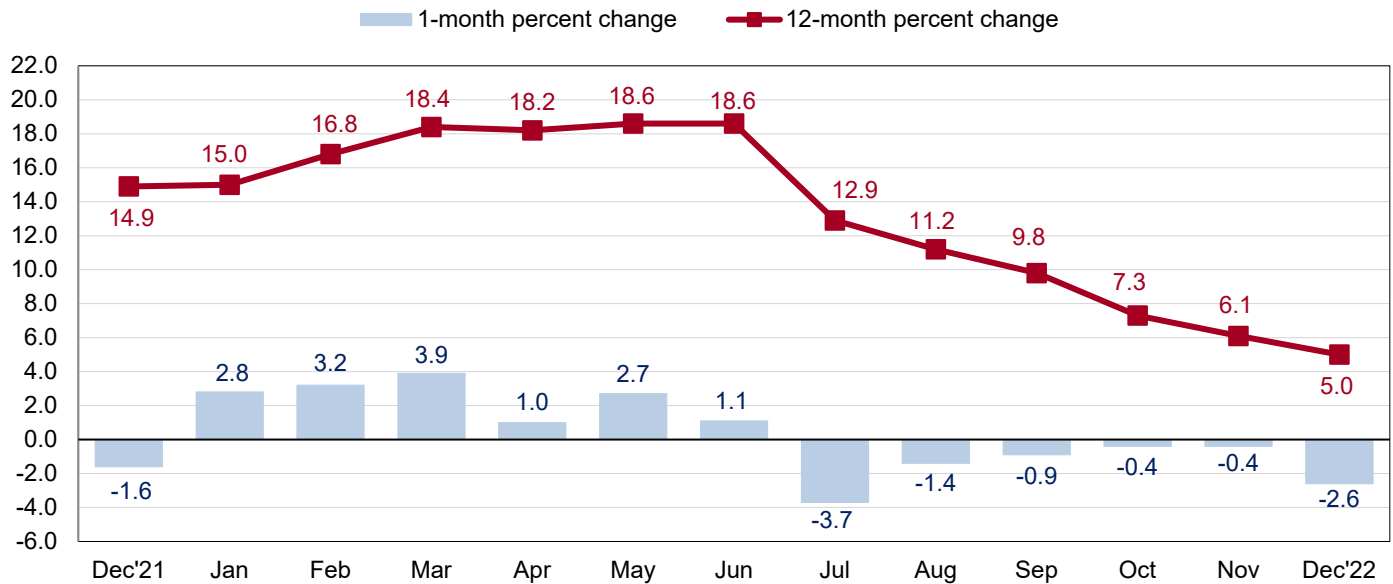
*Finished Goods:* Import prices rose for each of the major finished goods categories in December. Consumer goods prices advanced 0.2 percent following declines of 0.2 percent in November, 0.3 percent in October, and 0.2 percent in September. The price index for capital goods ticked up 0.1 percent for the second consecutive month in December. Higher prices for industrial and service machinery in December more than offset lower prices for computers, peripherals, and semiconductors. Automotive vehicles prices ticked up 0.1 percent in December.

**Table A. Percent change in Import and Export Price Indexes, selected categories**

Month	IMPORTS			EXPORTS		
	All imports	Fuel imports	Nonfuel imports	All exports	Agricultural exports	Non-agricultural exports
<b>2021</b>						
December.....	-0.4	-7.7	0.5	-1.6	0.7	-1.9
<b>2022</b>						
January.....	2.0	7.3	1.4	2.8	3.0	2.8
February.....	1.8	10.6	0.8	3.2	2.9	3.3
March.....	2.9	17.8	1.2	3.9	4.5	3.8
April.....	0.5	0.8	0.4	1.0	1.2	1.1
May.....	0.5	6.1	-0.3	2.7	2.4	2.7
June.....	0.2	5.6	-0.6	1.1	0.0	1.2
July.....	-1.4	-6.9	-0.5	-3.7	-3.2	-3.8
August.....	-1.2	-8.6	-0.2	-1.4	-0.5	-1.4
September.....	-1.0	-6.3	-0.3	-0.9	-0.8 <sup>r</sup>	-0.9 <sup>r</sup>
October.....	-0.3 <sup>r</sup>	-2.2 <sup>r</sup>	-0.1	-0.4	-0.6 <sup>r</sup>	-0.5 <sup>r</sup>
November.....	-0.7 <sup>r</sup>	-3.7 <sup>r</sup>	-0.3 <sup>r</sup>	-0.4 <sup>r</sup>	2.8 <sup>r</sup>	-0.7 <sup>r</sup>
December.....	0.4	0.6	0.4	-2.6	-2.4	-2.7
Dec. 2020 to 2021.....	10.3	60.9	6.4	14.9	21.5	14.1
Dec. 2021 to 2022.....	3.5	19.4	1.9	5.0	9.2	4.4

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**Chart 2. One-month and 12-month percent changes in the Export Price Index: December 2021 – December 2022**



## **Exports**

The price index for U.S. exports fell 2.6 percent in December, after declines of 0.4 percent in both November and October. U.S. export prices have not increased on a monthly basis since a 1.1-percent advance in June 2022. Lower prices for both nonagricultural and agricultural exports drove the decrease in December. Prices for U.S. exports rose 5.0 percent over the past 12 months, the smallest over-the-year advance since a 2.5-percent increase in January 2021. (See table 2.)

**Agricultural Exports:** Agricultural export prices decreased 2.4 percent in December following a 2.8-percent advance the previous month. Lower prices for corn, soybeans, meat, and wheat in December more than offset price increases for vegetables and fruit. The price index for agricultural exports increased 9.2 percent in 2022.

**All Exports Excluding Agriculture:** Nonagricultural export prices fell 2.7 percent in December, the largest monthly decline since a 3.8-percent drop in July 2022. The December decrease follows declines of 0.7 percent in November, 0.5 percent in October, and 0.9 percent in September. Lower prices for nonagricultural industrial supplies and materials drove the decrease in December, more than offsetting higher prices for capital goods, automotive vehicles, and nonagricultural foods. Despite the recent drops, nonagricultural export prices increased 4.4 percent over the past 12 months.

*Nonagricultural Industrial Supplies and Materials:* Nonagricultural industrial supplies and materials export prices declined 5.8 percent in December and have not recorded a 1-month increase since rising 2.4 percent in June 2022. The decrease in December was led by lower fuel prices.

*Finished Goods:* Export prices were mostly up for the major finished goods categories in December. Prices for capital goods increased 0.2 percent, resuming a trend of monthly increases dating back to January 2021, after declines of 0.1 percent in November and 0.2 percent in October. Higher prices for industrial and service machinery and electrical generating equipment in December more than offset lower computers, peripherals, and semiconductors prices. Prices for automotive vehicles rose 0.3 percent in December, after ticking up 0.1 percent in November. The price index for consumer goods was unchanged in December following a 0.3-percent decline in November.

More information for the major import and export price indexes can be found at [www.bls.gov/web/ximpim/largest.htm](http://www.bls.gov/web/ximpim/largest.htm).

## **Measures of Import and Export Prices by Locality**

**Imports by Locality of Origin:** Prices for imports from China edged down 0.1 percent in December, after being unchanged in November and rising 0.5 percent in October. The December drop was led by lower chemical prices from China. The price index for import prices from China increased 1.1 percent over the past year. Import prices from Japan ticked up 0.1 percent in December following a 0.1-percent decline the previous month. Prices for imports from Japan rose 2.3 percent in 2022, the largest calendar-year advance since 2011. The price indexes for imports from Canada and Mexico each fell in December, down 0.2 percent and 0.1 percent, respectively. Despite the declines, import prices from Canada rose 7.1 percent in 2022 and import prices from Mexico advanced 4.2 percent. In contrast, prices for imports from the European Union increased in December, advancing 1.3 percent, after falling 1.2 percent in November. The December rise was the largest 1-month increase since March 2022. (See table 7.)

**Exports by Locality of Destination:** The price index for exports to China decreased 2.3 percent in December following a 0.3-percent drop in November. Prices for exports to China were unchanged over the past year. Export prices to Japan declined 2.6 percent in December, after decreasing 0.6 percent in November. Prices for exports to Japan have not risen on a monthly basis since a 1.9-percent increase in May 2022. Despite the recent declines, export prices to Japan advanced 3.0 percent in 2022. The price indexes for exports to Mexico and the European Union also fell in December, decreasing 3.9 percent and 1.8 percent, respectively. In contrast, export prices to Canada rose 0.2 percent in December and increased 9.0 percent over the past year. (See table 8.)

**Terms of Trade Indexes:** Terms of trade indexes are based on country, region, or grouping and measure the change in the purchasing power of exports relative to imports. U.S. terms of trade with China declined 2.2 percent in December following a 0.3-percent decrease in November. Lower export prices to China in December more than offset lower import prices from China. The index for U.S. terms of trade with China fell 1.1 percent in 2022, the first calendar-year drop since a 1.3-percent decline in 2018. U.S. terms of trade with Japan decreased 2.7 percent in December, after a 0.4-percent drop the previous month. In contrast, U.S. terms of trade with Canada increased 0.4 percent in December following a 0.9-percent advance in November. The indexes for U.S. terms of trade with Mexico and the European Union fell in December, declining 3.8 percent and 3.1 percent, respectively. (See table 9.)

## **Import and Export Services**

**Imports:** The index for import air passenger fares advanced 5.9 percent in December following a 0.6-percent decline in November. The December rise was the largest monthly increase since June 2022 and was led by higher Asian and Latin American/Caribbean fares. Import air passenger fares increased 13.4 percent from December 2021 to December 2022. Import air freight prices rose 11.1 percent in December, after declining 10.1 percent in November and 11.9 percent in October. The December increase was the largest 1-month rise since November 2021. Despite the December advance, prices for import air freight declined 21.7 percent over the past year. (See table 10.)

**Exports:** Export air passenger fares decreased 3.3 percent in December following a 0.3-percent increase in November. Lower December prices for Asian, European, and Latin American/Caribbean fares all contributed to the decline. Despite the December drop, export air passenger fares rose 7.7 percent over the past 12 months. Export air freight prices advanced 0.8 percent in December, the first monthly increase since the index rose 3.1 percent in May 2022. Prices for export air freight increased 5.9 percent for the year ended in December.

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**U.S. Import and Export Price Index data for January 2023 are scheduled for release on Friday, February 17, 2023, at 8:30 a.m. (ET).**

**Table 1. U.S. import price indexes and percent changes for selected categories of goods: December 2021 to December 2022**

[2000=100, unless otherwise noted]

Description	End Use	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
			Nov. 2022	Dec. 2022	Annual Dec. 2021 to Dec. 2022	Monthly			
						Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
<b>All commodities</b> .....		100.000	141.6	142.2	3.5	-1.0	-0.3	-0.7	0.4
<b>All imports excluding food and fuels (Dec. 2010=100)</b> .....		82.324	108.2	108.6	1.7	-0.4	0.0	-0.6	0.4
<b>All imports excluding petroleum</b> .....		90.119	123.9	124.9	2.4	-0.3	-0.2	-0.3	0.8
<b>All imports excluding fuels (Dec. 2001=100)</b> .....		89.308	127.4	127.9	1.9	-0.3	-0.1	-0.3	0.4
<b>Foods, feeds, &amp; beverages</b> .....	0	6.984	207.7	208.5	4.0	0.4	-1.0	1.8	0.4
Agricultural foods, feeds & beverages, excluding distilled beverages.....	00	5.620	228.2	229.2	6.1	0.3	-1.0	2.5	0.4
Nonagricultural foods (fish, distilled beverages).....	01	1.363	159.7	160.2	-3.4	0.8	-0.8	-1.4	0.3
<b>Industrial supplies &amp; materials</b> .....	1	28.875	261.5	264.1	7.1	-3.3	-1.1	-2.7	1.0
Industrial supplies & materials excluding petroleum.....		18.939	211.6	218.5	3.2	-1.6	-0.8	-1.9	3.3
Industrial supplies & materials excluding fuels (Dec. 2001=100).....		17.908	232.9	235.7	0.9	-1.4	-0.4	-2.1	1.2
Industrial supplies & materials, durable....		11.945	221.3	226.6	-0.4	-1.7	-0.3	-2.4	2.4
Industrial supplies & materials nondurable excluding petroleum.....		7.049	200.7	210.2	9.7	-1.5	-1.6	-1.2	4.7
Fuels & lubricants.....	10	10.692	324.0	325.9	19.4	-6.3	-2.2	-3.7	0.6
Petroleum & petroleum products.....	100	9.881	342.8	333.5	16.9	-6.3	-1.7	-4.0	-2.7
Crude petroleum.....	10000	6.495	337.2	321.1	11.0	-6.6	-2.2	-3.7	-4.8
Fuels, n.e.s.-coals & gas.....	101	0.687	269.7	399.3	54.1	-7.1	-9.5	1.1	48.1
Natural gas.....	10110	0.555	257.8	411.1	64.2	-8.4	-11.8	1.5	59.5
Paper & paper base stocks.....	11	0.574	149.5	150.1	20.4	2.3	0.8	-2.2	0.4
Materials associated with nondurable supplies & materials.....	12	5.663	212.7	210.3	2.3	-1.1	-0.6	-1.5	-1.1
Selected building materials.....	13	1.862	198.3	194.7	-2.5	-2.4	-2.4	-0.5	-1.8
Unfinished metals related to durable goods.....	14	5.031	329.6	343.8	-3.2	-3.1	0.4	-3.9	4.3
Finished metals related to durable goods.....	15	3.291	209.8	216.2	3.4	0.4	0.1	-2.5	3.1
Nonmetals related to durable goods.....	16	1.761	127.3	127.3	3.2	-0.5	-1.0	0.1	0.0
<b>Capital goods</b> .....	2	26.099	93.1	93.2	2.9	-0.1	0.2	0.1	0.1
Electric generating equipment.....	20	3.266	128.8	129.0	4.9	-0.4	-0.5	0.4	0.2
Nonelectrical machinery.....	21	21.160	84.3	84.4	2.4	-0.1	0.2	0.1	0.1
Transportation equipment excluding motor vehicles (Dec. 2001=100).....	22	1.674	147.5	147.9	5.9	0.4	1.7	0.1	0.3
<b>Automotive vehicles, parts &amp; engines</b> .....	3	12.728	117.2	117.3	3.1	0.1	0.6	0.0	0.1
<b>Consumer goods, excluding automobiles</b> .....	4	25.314	109.6	109.8	0.4	-0.2	-0.3	-0.2	0.2
Nondurables, manufactured.....	40	12.785	124.0	124.0	-0.8	0.0	-0.6	-0.1	0.0
Durables, manufactured.....	41	11.804	95.5	95.7	1.4	-0.3	0.1	-0.2	0.2
Nonmanufactured consumer goods.....	42	0.725	129.0	129.2	2.5	-0.6	-0.2	-0.6	0.2

<sup>1</sup> Relative importance figures are based on 2020 trade values.

NOTES: Data may be revised in each of the 3 months after original publication.

Dash = Not available

**Table 2. U.S. export price indexes and percent changes for selected categories of goods: December 2021 to December 2022**

[2000=100, unless otherwise noted]

Description	End Use	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
			Nov. 2022	Dec. 2022	Annual Dec. 2021 to Dec. 2022	Monthly			
						Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
<b>All commodities.....</b>		100.000	155.5	151.4	5.0	-0.9	-0.4	-0.4	-2.6
<b>Agricultural commodities.....</b>		12.605	258.7	252.4	9.2	-0.8	-0.6	2.8	-2.4
<b>All exports excluding food and fuels (Dec. 2010=100).....</b>		67.317	113.1	113.4	1.4	-0.5	-1.0	-0.2	0.3
<b>All exports excluding fuels (June 2022=100).....</b>		78.891	98.5	98.5	-	-0.5	-0.6	0.1	0.0
<b>Nonagricultural commodities.....</b>		87.395	147.7	143.7	4.4	-0.9	-0.5	-0.7	-2.7
<b>Foods, feeds, &amp; beverages.....</b>	0	11.573	262.4	255.6	9.6	-0.7	-0.4	3.2	-2.6
Agricultural foods, feeds & beverages, excluding distilled beverages.....	00	11.135	264.5	257.4	10.2	-0.8	-0.4	3.4	-2.7
Nonagricultural foods (fish, distilled beverages).....	01	0.438	223.3	223.6	-4.0	1.3	-0.3	-0.8	0.1
<b>Industrial supplies &amp; materials.....</b>	1	42.726	224.2	211.6	5.6	-2.0	-1.0	-1.5	-5.6
Industrial supplies & materials, durable....		9.915	208.2	212.3	-0.9	-0.9	-1.1	-0.9	2.0
Industrial supplies & materials, nondurable.....		32.811	226.0	208.2	8.0	-2.3	-1.0	-1.7	-7.9
Agricultural industrial supplies & materials.....	10	1.470	231.2	229.6	2.0	-1.4	-2.0	-1.4	-0.7
Nonagricultural industrial supplies & materials.....		41.256	224.1	211.1	5.8	-2.0	-1.0	-1.5	-5.8
Fuels & lubricants.....	11	21.109	305.1	268.7	16.7	-2.0	0.7	-2.6	-11.9
Nonagricultural supplies & materials excluding fuels & building materials....	12	19.315	195.6	197.0	-2.6	-1.9	-2.7	-0.3	0.7
Selected building materials.....	13	0.832	152.4	152.4	-2.3	-3.6	-2.6	-2.1	0.0
<b>Capital goods.....</b>	2	28.098	118.9	119.1	3.2	0.2	-0.2	-0.1	0.2
Electrical generating equipment.....	20	3.201	135.5	136.0	6.2	0.2	0.5	1.2	0.4
Nonelectrical machinery.....	21	20.295	100.2	100.3	2.7	0.1	-0.3	-0.3	0.1
Transportation equipment excluding motor vehicles (Dec. 2001=100).....	22	4.602	198.5	198.8	3.6	0.2	0.2	0.2	0.2
<b>Automotive vehicles, parts &amp; engines.....</b>	3	7.465	121.9	122.3	4.7	0.1	-0.1	0.1	0.3
<b>Consumer goods, excluding automotives.....</b>	4	10.138	116.6	116.6	2.9	-0.1	0.3	-0.3	0.0
Nondurables, manufactured.....	40	5.257	108.4	108.6	-1.3	-0.1	-0.2	-0.4	0.2
Durables, manufactured.....	41	3.935	116.1	115.8	5.5	0.3	0.8	-0.2	-0.3
Nonmanufactured consumer goods (Dec. 2018=100).....	42	0.946	127.5	127.3	18.5	-0.8	-0.1	-0.7	-0.2

<sup>1</sup> Relative importance figures are based on 2020 trade values.

NOTES: Data may be revised in each of the 3 months after original publication.

Dash = Not available

**Table 3. U.S. import price indexes and percent changes for selected industries: December 2021 to December 2022**

[December 2005=100, unless otherwise noted]

Description	NAICS	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
			Nov. 2022	Dec. 2022	Annual	Monthly			
					Dec. 2021 to Dec. 2022	Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
<b>Nonmanufacturing.....</b>		9.607	158.6	159.2	12.1	-5.2	-3.2	-1.2	0.4
<b>Agriculture, forestry, fishing and hunting.....</b>	11	2.226	210.9	211.9	4.8	0.7	-3.8	5.3	0.5
Crop production.....	111	1.838	224.1	223.7	4.8	0.5	-3.8	6.6	-0.2
<b>Mining.....</b>	21	7.381	158.7	159.3	14.6	-6.7	-3.0	-3.1	0.4
Oil and gas extraction.....	211	7.121	158.2	158.8	15.2	-6.8	-3.0	-3.4	0.4
<b>Manufacturing.....</b>		90.090	123.1	123.5	2.7	-0.6	0.0	-0.6	0.3
<b>Manufacturing, part 1.....</b>	31	11.266	138.1	138.5	2.7	0.3	0.4	-0.3	0.3
Food manufacturing.....	311	4.188	185.9	187.1	4.8	0.4	0.8	-0.6	0.6
Beverage and tobacco product manufacturing.....	312	1.092	134.6	135.2	1.8	0.1	-0.1	0.1	0.4
Textile mills (Dec. 2011=100).....	313	0.404	124.7	124.9	3.1	-0.8	-0.5	-0.5	0.2
Textile product mills.....	314	1.455	109.4	109.3	-2.4	0.3	0.0	-0.2	-0.1
Apparel manufacturing.....	315	2.965	119.7	119.6	4.3	0.3	0.5	0.1	-0.1
Leather and allied product manufacturing.....	316	1.162	127.1	127.5	-0.9	0.2	-0.5	-0.2	0.3
<b>Manufacturing, part 2.....</b>	32	20.861	150.4	149.6	3.4	-1.4	-1.0	-1.4	-0.5
Wood product manufacturing (Dec. 2019=100).....	321	1.079	154.6	149.0	-11.4	-4.4	-4.5	-0.9	-3.6
Paper manufacturing.....	322	1.031	127.7	127.8	10.2	1.4	0.2	-1.7	0.1
Petroleum and coal products manufacturing.....	324	3.143	166.4	167.2	33.4	-4.6	-0.6	-4.4	0.5
Chemical manufacturing.....	325	11.995	155.2	154.2	-1.4	-0.9	-1.3	-0.8	-0.6
Plastics and rubber products manufacturing.....	326	2.520	133.3	133.1	3.2	0.3	0.0	-0.4	-0.2
Nonmetallic mineral product manufacturing.....	327	0.934	141.4	142.5	3.1	-0.4	0.1	-0.3	0.8
<b>Manufacturing, part 3.....</b>	33	57.963	112.2	112.9	2.5	-0.4	0.4	-0.4	0.6
Primary metal manufacturing.....	331	6.716	223.8	232.9	0.6	-1.8	1.3	-4.0	4.1
Fabricated metal product manufacturing... ..	332	3.177	149.2	150.4	3.1	-0.7	-1.1	-0.1	0.8
Machinery manufacturing.....	333	6.847	127.4	128.1	3.4	-0.1	-0.3	-0.1	0.5
Computer and electronic product manufacturing.....	334	15.940	74.1	74.1	1.4	-0.1	0.5	0.0	0.0
Electrical equipment, appliance, and component manufacturing.....	335	5.364	126.9	126.8	3.4	-0.2	-0.2	0.1	-0.1
Transportation equipment manufacturing..	336	13.215	116.2	116.3	3.0	0.1	0.9	0.0	0.1
Furniture and related product manufacturing.....	337	1.846	128.8	129.5	4.8	0.0	-0.4	-0.1	0.5
Miscellaneous manufacturing.....	339	4.857	125.8	126.3	3.1	-0.6	-0.5	0.0	0.4

<sup>1</sup> Relative importance figures are based on 2020 trade values.

NOTES: Data may be revised in each of the 3 months after original publication.

Dash = Not available

**Table 4. U.S. export price indexes and percent changes for selected industries: December 2021 to December 2022**

[December 2005=100, unless otherwise noted]

Description	NAICS	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
			Nov. 2022	Dec. 2022	Annual	Monthly			
					Dec. 2021 to Dec. 2022	Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
<b>Nonmanufacturing</b> .....		19.305	215.3	203.2	10.5	-2.3	-3.7	-0.5	-5.6
<b>Agriculture, forestry, fishing and hunting</b> .....	11	6.886	231.8	223.3	8.8	-1.9	-1.9	4.7	-3.7
Crop production.....	111	6.618	247.6	238.3	10.2	-1.8	-1.9	4.9	-3.8
<b>Mining</b> .....	21	12.419	136.7	127.5	11.5	-2.4	-4.5	-3.2	-6.7
Oil and gas extraction (Dec. 2021=100)...	211	11.184	124.1	114.7	14.7	-2.5	-4.8	-3.6	-7.6
Mining (except oil and gas).....	212	1.235	141.7	143.1	-9.5	-1.9	-1.5	0.6	1.0
<b>Manufacturing</b> .....		79.097	136.7	133.8	4.2	-0.6	0.4	-0.4	-2.1
<b>Manufacturing, part 1</b> .....	31	7.123	179.2	177.0	6.9	-0.2	0.6	0.1	-1.2
Food manufacturing.....	311	5.442	213.1	209.6	7.8	0.0	0.8	0.1	-1.6
Beverage and tobacco product manufacturing.....	312	0.540	144.8	145.9	6.5	-1.9	0.5	1.4	0.8
<b>Manufacturing, part 2</b> .....	32	26.984	148.6	139.1	4.6	-1.7	1.3	-0.7	-6.4
Wood product manufacturing (Dec. 2017=100).....	321	0.432	119.3	116.4	-14.7	-5.4	-2.4	-3.6	-2.4
Paper manufacturing.....	322	1.673	158.6	159.2	16.1	-0.7	0.3	1.7	0.4
Petroleum and coal products manufacturing.....	324	8.680	193.3	155.4	22.4	-1.4	9.2	-1.8	-19.6
Chemical manufacturing.....	325	13.365	135.9	135.1	-3.6	-2.0	-2.7	-0.1	-0.6
Plastics and rubber products manufacturing.....	326	2.010	130.8	131.5	3.7	-0.6	-0.1	0.2	0.5
Nonmetallic mineral product manufacturing.....	327	0.674	129.2	134.0	11.4	-0.3	-3.3	-0.7	3.7
<b>Manufacturing, part 3</b> .....	33	44.991	126.5	127.0	3.7	0.0	-0.2	-0.3	0.4
Primary metal manufacturing.....	331	3.964	204.1	209.1	-1.5	-1.4	-1.1	-2.4	2.4
Fabricated metal product manufacturing...	332	2.499	171.8	172.7	7.0	0.1	-0.3	0.2	0.5
Machinery manufacturing.....	333	8.094	144.0	144.2	5.5	0.1	0.3	0.1	0.1
Computer and electronic product manufacturing.....	334	11.659	84.0	84.0	1.0	0.1	-0.6	-0.6	0.0
Electrical equipment, appliance, and component manufacturing.....	335	3.226	133.0	133.4	7.1	0.0	0.5	1.0	0.3
Transportation equipment manufacturing..	336	11.094	139.0	139.4	4.3	0.1	0.1	0.1	0.3
Miscellaneous manufacturing.....	339	4.142	134.1	134.0	7.1	0.1	0.2	-0.4	-0.1

<sup>1</sup> Relative importance figures are based on 2020 trade values.

NOTES: Data may be revised in each of the 3 months after original publication.

Dash = Not available



**Table 5. U.S. import price indexes and percent changes for selected categories of goods: December 2021 to December 2022**

[2000=100, unless otherwise noted]

Description	Harmonized system	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
			Nov. 2022	Dec. 2022	Annual	Monthly			
					Dec. 2021 to Dec. 2022	Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
<b>Live animals; animal products.....</b>	I	1.479	226.6	225.5	-2.3	1.2	-1.2	-1.9	-0.5
Meat and edible meat offal.....	02	0.420	311.3	300.5	-11.1	-0.9	-3.2	-3.1	-3.5
Fish and crustaceans, molluscs and other aquatic invertebrates.....	03	0.750	156.0	157.2	-2.1	1.7	-0.4	-1.8	0.8
<b>Vegetable products.....</b>	II	2.237	246.5	255.1	9.9	0.9	-2.7	3.4	3.5
Edible vegetables, roots, and tubers.....	07	0.499	494.1	494.7	29.2	11.8	-3.4	2.0	0.1
Edible fruit and nuts; peel of citrus fruit or melons.....	08	0.798	120.3	122.0	0.9	-6.2	-4.0	14.7	1.4
Coffee, tea, mate and spices.....	09	0.411	290.7	286.2	-3.9	0.7	-1.8	-8.3	-1.5
<b>Animal or vegetable fats and oils (Dec. 2009=100).....</b>	III	0.442	154.0	151.9	2.4	-0.4	1.6	0.7	-1.4
<b>Prepared foodstuffs, beverages, and tobacco.....</b>	IV	3.286	190.6	191.2	5.6	0.5	0.7	0.5	0.3
Sugars and sugar confectionary (Dec. 2021=100).....	17	0.219	107.7	107.4	7.4	-1.0	1.7	-0.4	-0.3
Cocoa and cocoa preparations (Dec. 2009=100).....	18	0.217	110.9	111.9	12.1	0.3	-0.3	8.5	0.9
Beverages, spirits, and vinegar.....	22	1.066	147.7	148.5	1.4	0.0	-0.1	0.3	0.5
<b>Mineral products.....</b>	V	10.677	331.6	333.2	19.5	-5.9	-2.2	-3.5	0.5
Mineral fuels, oils and residuals, bituminous substances and mineral waxes.....	27	10.317	326.0	327.6	20.4	-6.0	-2.2	-3.7	0.5
<b>Products of the chemical or allied industries.....</b>	VI	11.207	174.2	173.3	-0.8	-0.8	-1.1	-0.3	-0.5
Inorganic chemicals.....	28	0.781	551.5	548.4	7.9	1.4	0.9	0.4	-0.6
Organic chemicals.....	29	2.571	144.7	143.7	-2.1	-3.2	-0.9	-0.2	-0.7
Pharmaceutical products.....	30	5.148	145.1	145.1	-3.9	-0.3	-1.5	-0.1	0.0
Miscellaneous chemical products.....	38	0.836	119.5	119.7	3.5	0.4	0.4	-0.2	0.2
<b>Plastics and articles thereof; rubber and articles thereof.....</b>	VII	3.745	157.9	157.6	-0.6	-0.7	-0.2	-1.4	-0.2
Plastics and articles thereof.....	39	2.579	159.7	159.2	-2.7	-1.3	-0.1	-1.9	-0.3
Rubber and articles thereof.....	40	1.166	157.8	157.8	4.2	0.6	-0.3	-0.3	0.0
Articles of leather; travel goods, bags, etc. of various materials.....	42	0.414	140.8	140.2	0.5	0.2	-1.1	-0.4	-0.4
<b>Wood, wood charcoal, cork, straw, basketware and wickerwork.....</b>	IX	1.148	235.1	225.7	-8.4	-3.9	-4.3	-0.5	-4.0
Wood and articles of wood; wood charcoal (Dec. 2019=100).....	44	1.115	164.3	157.6	-8.5	-3.9	-4.5	-0.5	-4.1
<b>Woodpulp, recovered paper, and paper products.....</b>	X	1.007	134.2	134.3	10.6	1.5	0.1	-2.1	0.1
Paper and paperboard; articles of paper pulp, paper or paperboard.....	48	0.677	124.9	125.8	15.7	1.3	0.2	0.3	0.7
<b>Textile and textile articles.....</b>	XI	4.662	121.2	121.0	2.0	0.2	0.2	0.0	-0.2
Articles of apparel and clothing accessories, not knitted or crocheted.....	62	1.299	127.7	127.8	3.3	0.1	0.9	0.2	0.1
Made-up or worn textile articles.....	63	1.192	103.0	102.8	-3.2	0.4	0.0	0.1	-0.2
<b>Headgear, umbrellas, artificial flowers, etc.....</b>	XII	1.022	127.1	127.2	-0.2	0.1	0.2	0.1	0.1
Footwear and parts of such articles.....	64	0.819	124.1	124.2	-1.3	0.2	0.1	0.1	0.1
<b>Stone, plaster, cement, asbestos, ceramics, glass etc.....</b>	XIII	0.798	133.9	134.8	2.1	-0.2	0.1	-0.3	0.7

See footnotes at end of table.

**Table 5. U.S. import price indexes and percent changes for selected categories of goods: December 2021 to December 2022 — Continued**  
 [2000=100, unless otherwise noted]

Description	Harmoni- zied system	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
			Nov. 2022	Dec. 2022	Annual	Monthly			
					Dec. 2021 to Dec. 2022	Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
Articles of stone, plaster, cement, asbestos, or mica (Dec. 2020=100).....	68	0.299	102.3	102.4	3.1	-0.5	0.5	0.0	0.1
Glass and glassware (Dec. 2021=100).....	70	0.274	100.9	100.3	0.3	0.1	-0.1	-0.5	-0.6
<b>Pearls, stones, precious metals, imitation jewelry, and coins.....</b>	XIV	4.394	222.0	232.9	2.8	-2.2	1.6	-3.7	4.9
<b>Base metals and articles of base metals. ...</b>	XV	5.881	233.5	236.6	0.9	-1.1	-0.9	-1.5	1.3
Iron and steel.....	72	1.128	313.0	305.7	-2.2	0.5	0.2	-5.7	-2.3
Articles of iron or steel.....	73	1.867	204.2	204.0	3.5	-0.8	-0.9	0.2	-0.1
Copper and articles thereof.....	74	0.447	355.9	377.2	-8.1	-0.2	-0.8	2.7	6.0
Aluminum and articles thereof.....	76	1.025	182.8	189.9	-1.5	-3.0	-2.4	-1.7	3.9
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof.....	82	0.415	129.2	129.8	2.2	-0.1	0.0	-0.4	0.5
Miscellaneous articles of base metal.....	83	0.530	151.0	150.3	3.3	-0.2	-1.3	0.2	-0.5
<b>Machinery, electrical equipment, TV image and sound recorders, parts, etc.....</b>	XVI	28.292	82.8	82.8	2.0	-0.2	0.4	0.0	0.0
Machinery and mechanical appliances; parts thereof.....	84	14.567	89.4	89.6	2.5	-0.1	0.1	0.1	0.2
Electrical machinery and equip, sound and TV recorders & reproducers, parts.....	85	13.725	76.5	76.5	1.5	-0.1	0.4	-0.1	0.0
<b>Vehicles, aircraft, vessels and associated transport equipment.....</b>	XVII	11.168	121.2	121.2	3.3	0.1	1.0	0.1	0.0
Motor vehicles and their parts.....	87	10.351	120.3	120.3	3.2	0.1	0.8	0.1	0.0
Aircraft, spacecraft, and parts thereof (Dec. 2020=100).....	88	0.726	107.8	107.9	6.9	0.3	3.7	0.0	0.1
<b>Optical, photo, measuring, medical &amp; musical instruments; &amp; timepieces.....</b>	XVIII	3.780	105.3	105.6	3.3	0.0	0.0	0.0	0.3
Optical, photographic, measuring and medical instruments.....	90	3.573	101.4	101.6	3.6	0.0	0.0	0.1	0.2
<b>Miscellaneous manufactured articles.....</b>	XX	4.252	119.4	120.1	3.6	0.1	-0.3	-0.3	0.6
Furniture & stuffed furnishings; lamps & lighting fittings, nesoi; prefab bldgs.....	94	2.579	127.6	128.2	3.3	-0.1	-0.4	-0.1	0.5
Toys, games and sports equipment; parts and accessories thereof.....	95	1.408	105.9	106.6	3.8	0.1	0.0	-0.6	0.7
Miscellaneous manufactured articles.....	96	0.264	138.0	138.1	5.6	0.4	0.0	1.4	0.1

<sup>1</sup> Relative importance figures are based on 2020 trade values.

NOTES: Data may be revised in each of the 3 months after original publication.

Dash = Not available

**Table 6. U.S. export price indexes and percent changes for selected categories of goods: December 2021 to December 2022**

[2000=100, unless otherwise noted]

Description	Harmoni- zied system	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
			Nov. 2022	Dec. 2022	Annual	Monthly			
					Dec. 2021 to Dec. 2022	Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
<b>Live animals; animal products.....</b>	I	2.264	280.1	273.5	-1.1	-1.2	0.1	-0.4	-2.4
Meat & edible meat offal (Dec. 2006=100)...	02	1.430	221.3	212.4	-6.6	-1.1	0.0	-1.5	-4.0
<b>Vegetable products.....</b>	II	6.491	305.5	293.0	12.0	-2.4	-1.6	5.6	-4.1
Edible fruit and nuts; peel of citrus fruit or melons.....	08	0.888	136.8	138.0	-8.0	-5.0	0.7	4.3	0.9
Cereals.....	10	2.065	358.0	328.1	8.3	0.1	3.9	3.1	-8.4
Oilseeds and misc. grains, seeds, fruits, plants, straw and fodder.....	12	2.843	317.7	308.0	17.2	-2.8	-6.0	5.2	-3.1
<b>Prepared foodstuffs, beverages, and tobacco.....</b>	IV	3.060	189.5	188.0	9.7	1.3	1.3	1.0	-0.8
Miscellaneous edible preparations (Dec. 2017=100).....	21	0.584	109.2	109.7	6.1	-0.4	1.9	-0.5	0.5
Beverages, spirits, and vinegar (Dec. 2008=100).....	22	0.451	107.6	108.1	-1.7	0.0	-0.4	-0.3	0.5
Residues and waste from the food industries; prepared animal feed.....	23	1.004	357.6	342.2	17.7	4.6	2.9	3.1	-4.3
<b>Mineral products.....</b>	V	21.040	366.1	322.2	15.2	-2.0	0.6	-2.7	-12.0
Ores, slag and ash (Dec. 2012=100).....	26	0.483	120.9	125.4	-12.6	-1.3	-6.1	1.9	3.7
Mineral fuels, oils and residuals, bituminous substances and mineral waxes.....	27	20.376	354.9	310.6	16.2	-2.1	0.7	-2.8	-12.5
<b>Products of the chemical or allied industries.....</b>	VI	11.465	165.2	165.0	4.0	-1.2	-0.1	-0.2	-0.1
Organic chemicals.....	29	2.782	197.0	192.9	3.3	-4.1	-0.2	0.1	-2.1
Pharmaceutical products.....	30	3.046	105.1	105.5	-2.7	0.3	-0.2	-0.7	0.4
Essential oils and resinoids; perfumery cosmetic or toilet preparations.....	33	0.792	141.2	141.1	2.7	0.1	0.2	-0.1	-0.1
Soap; lubricants; waxes, polishing or scouring products; candles, pastes.....	34	0.436	135.4	135.4	3.3	-0.4	0.0	0.0	0.0
Miscellaneous chemical products.....	38	2.136	184.3	183.9	-0.3	-1.9	0.8	-0.4	-0.2
<b>Plastics and articles thereof; rubber and articles thereof.....</b>	VII	4.600	157.2	157.0	-10.6	-1.8	-5.5	-0.1	-0.1
Plastics and articles thereof.....	39	3.890	154.8	154.2	-12.6	-2.1	-6.4	-0.1	-0.4
Rubber and articles thereof.....	40	0.709	166.8	168.6	2.3	0.2	-0.3	0.0	1.1
<b>Wood, wood charcoal, cork, straw, baskets and wickerwork (Dec. 2014=100).....</b>	IX	0.512	113.9	111.7	-14.6	-6.2	-2.9	-3.7	-1.9
<b>Woodpulp, recovered paper, and paper products.....</b>	X	1.822	153.7	154.0	6.9	-0.7	-5.0	2.3	0.2
Woodpulp and recovered paper (Dec. 2019=100).....	47	0.666	174.0	173.3	4.2	-2.1	-12.2	5.9	-0.4
Paper and paperboard; articles of paper pulp, paper or paperboard.....	48	0.954	148.5	149.4	10.6	0.5	-0.5	0.4	0.6
<b>Textile and textile articles.....</b>	XI	1.616	146.4	145.0	2.0	-0.6	-2.3	-2.3	-1.0
Cotton, including yarns and woven fabrics thereof.....	52	0.692	179.6	177.1	1.7	-0.8	-4.7	-4.8	-1.4
<b>Stone, plaster, cement, asbestos, ceramics, glass etc.....</b>	XIII	0.664	145.3	148.0	13.1	0.1	-1.3	-0.2	1.9
Glass and glassware (Dec. 2019=100).....	70	0.406	112.6	112.6	13.9	0.1	1.3	0.0	0.0
<b>Pearls, stones, precious metals, imitation jewelry, and coins.....</b>	XIV	3.707	308.6	317.4	2.3	-1.7	0.1	-2.3	2.9
<b>Base metals and articles of base metals. ...</b>	XV	4.359	207.0	209.5	0.2	0.9	-1.4	0.0	1.2
Iron and steel (Dec. 2020=100).....	72	1.186	158.1	161.2	-4.6	3.6	-3.4	0.6	2.0

See footnotes at end of table.

**Table 6. U.S. export price indexes and percent changes for selected categories of goods: December 2021 to December 2022 — Continued**  
 [2000=100, unless otherwise noted]

Description	Harmoni- zied system	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
			Nov. 2022	Dec. 2022	Annual	Monthly			
					Dec. 2021 to Dec. 2022	Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
Copper and articles thereof.....	74	0.498	244.2	251.3	-6.5	0.4	0.5	0.2	2.9
Aluminum and articles thereof.....	76	0.749	142.8	145.7	-1.8	-0.4	-1.0	-0.7	2.0
<b>Machinery, electrical equipment, TV image and sound recorders, parts, etc.....</b>	XVI	23.313	104.6	104.7	3.8	0.3	-0.2	-0.1	0.1
Machinery and mechanical appliances; parts thereof.....	84	13.464	125.2	125.4	4.1	0.2	-0.2	-0.2	0.2
Electrical machinery and equipment and parts and accessories thereof.....	85	9.850	82.6	82.6	3.3	0.1	-0.1	0.1	0.0
<b>Vehicles, aircraft, vessels and associated transport equipment.....</b>	XVII	8.195	148.2	148.7	4.1	0.1	0.1	0.1	0.3
Motor vehicles and their parts.....	87	6.143	124.4	124.8	3.8	0.2	-0.1	0.1	0.3
<b>Optical, photo, measuring, medical &amp; musical instruments; &amp; timepieces.....</b>	XVIII	5.056	113.8	114.2	2.1	-0.1	-0.2	-0.3	0.4
<b>Miscellaneous manufactured articles.....</b>	XX	1.113	134.0	134.1	10.4	0.8	1.3	-0.4	0.1
Furniture; stuffed furnishings; lamps and lighting fittings nesoi.....	94	0.568	148.8	148.8	4.6	0.0	0.0	-1.1	0.0
Toys, games and sports equipment; parts and accessories thereof.....	95	0.394	113.3	113.6	20.3	2.2	3.8	0.0	0.3

<sup>1</sup> Relative importance figures are based on 2020 trade values.

NOTES: Data may be revised in each of the 3 months after original publication.

Dash = Not available

**Table 7. U.S. import price indexes and percent changes by locality of origin: December 2021 to December 2022**  
 [2000=100, unless otherwise noted]

Description	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change					
		Nov. 2022	Dec. 2022	Annual Dec. 2021 to Dec. 2022	Monthly				
					Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022	
<b>Industrialized Countries<sup>2</sup></b> .....	100.000	146.3	148.3	5.0	-1.5	-0.6	-1.2	1.4	
Nonmanufacturing.....	12.566	274.5	284.3	15.2	-7.1	-3.2	-2.0	3.6	
Manufacturing.....	86.745	136.2	137.6	4.1	-0.7	0.0	-1.1	1.0	
<b>Canada</b> .....	100.000	186.2	185.8	7.1	-2.9	-2.0	-1.1	-0.2	
Nonmanufacturing.....	33.117	272.6	282.2	15.6	-7.2	-3.3	-2.1	3.5	
Manufacturing.....	65.967	166.9	163.4	3.9	-0.9	-1.1	-0.5	-2.1	
<b>European Union</b> .....	100.000	150.8	152.7	4.0	-0.6	-0.1	-1.2	1.3	
Manufacturing.....	98.868	146.3	148.4	4.3	-0.5	-0.2	-1.3	1.4	
<b>France (Dec. 2003=100)</b> .....	100.000	141.9	142.0	3.2	0.2	0.0	-0.5	0.1	
<b>Germany (Dec. 2003=100)</b> .....	100.000	123.9	124.3	4.4	-0.4	0.2	-0.2	0.3	
<b>United Kingdom (Dec. 2003=100)</b> .....	100.000	132.2	134.7	2.8	-1.5	0.1	-1.8	1.9	
<b>Latin America<sup>3</sup></b> .....	100.000	170.4	169.2	4.5	-0.5	0.0	0.0	-0.7	
Nonmanufacturing.....	16.523	337.3	328.5	9.0	-2.0	-3.4	0.3	-2.6	
Manufacturing.....	83.211	136.7	136.3	3.8	-0.2	0.7	-0.1	-0.3	
<b>Mexico (Dec. 2003=100)</b> .....	100.000	141.6	141.4	4.2	0.0	0.0	-0.1	-0.1	
Nonmanufacturing (Dec. 2008=100).....	9.842	160.2	154.8	6.2	2.3	-4.8	-1.4	-3.4	
Manufacturing (Dec. 2008=100).....	89.896	97.0	97.2	4.1	-0.2	0.5	0.1	0.2	
<b>Pacific Rim (Dec. 2003=100)<sup>4</sup></b> .....	100.000	104.4	104.4	1.4	-0.3	0.2	-0.1	0.0	
<b>China (Dec. 2003=100)</b> .....	100.000	104.6	104.5	1.1	0.0	0.5	0.0	-0.1	
<b>Japan</b> .....	100.000	101.2	101.3	2.3	0.1	1.1	-0.1	0.1	
<b>Taiwan (Dec. 2018=100)</b> .....	100.000	111.3	110.8	3.6	-0.6	0.2	-0.1	-0.4	
<b>Asian NICs<sup>5</sup></b> .....	100.000	98.7	97.2	2.7	-1.0	0.5	-0.1	-1.5	
<b>ASEAN (Dec. 2003=100)<sup>6</sup></b> .....	100.000	103.3	103.0	1.2	-0.6	0.0	-0.2	-0.3	
<b>Asia Near East (Dec. 2003=100)<sup>7</sup></b> .....	100.000	238.1	225.0	6.6	-3.6	0.8	-1.6	-5.5	

<sup>1</sup> Relative importance figures are based on 2020 trade values.

<sup>2</sup> Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.

<sup>3</sup> Mexico, Central America, South America, and the Caribbean.

<sup>4</sup> China, Japan, Australia, Brunei, Indonesia, Macao, Malaysia, New Zealand, Papua New Guinea, Philippines, and the Asian Newly Industrialized Countries.

<sup>5</sup> Asian Newly Industrialized Countries - Hong Kong, Singapore, South Korea, and Taiwan.

<sup>6</sup> Association of Southeast Asian Nations - Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam.

<sup>7</sup> Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, United Arab Emirates, and Yemen.

NOTES: Data may be revised in each of the 3 months after original publication.

Regions are not mutually exclusive.

Dash = Not available

**Table 8. U.S. export price indexes and percent changes by locality of destination: December 2021 to December 2022**

[December 2017=100, unless otherwise noted]

Description	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
		Nov. 2022	Dec. 2022	Annual Dec. 2021 to Dec. 2022	Monthly			
					Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
<b>Industrialized Countries<sup>2</sup></b> .....	100.000	121.2	120.5	5.3	-1.1	0.2	-0.7	-0.6
Nonmanufacturing.....	15.505	153.3	148.0	9.3	-3.6	-3.6	-1.6	-3.5
Manufacturing.....	82.929	117.5	117.4	4.7	-0.5	0.9	-0.5	-0.1
<b>Canada</b> .....	100.000	129.4	129.6	9.0	-1.2	0.9	-0.2	0.2
Nonmanufacturing (Dec. 2020=100).....	11.915	161.8	160.8	17.0	-3.6	-5.9	2.0	-0.6
Manufacturing (Dec. 2020=100).....	86.808	119.5	119.7	8.1	-0.8	2.0	-0.6	0.2
<b>European Union</b> .....	100.000	119.1	116.9	3.8	-1.6	0.4	-0.3	-1.8
Nonmanufacturing.....	18.924	146.5	137.3	3.2	-6.4	0.1	-1.7	-6.3
Manufacturing.....	79.325	114.1	113.0	3.7	-0.2	0.4	-0.2	-1.0
<b>Germany</b> .....	100.000	113.3	113.4	5.7	-0.7	0.1	-0.3	0.1
<b>Latin America<sup>3</sup></b> .....	100.000	135.7	127.5	5.6	-0.9	0.1	-1.2	-6.0
Nonmanufacturing.....	11.852	193.9	187.3	7.5	0.6	-12.6	-7.0	-3.4
Manufacturing.....	87.738	131.2	122.7	5.5	-0.8	2.3	-0.4	-6.5
<b>Mexico</b> .....	100.000	131.4	126.3	3.8	-0.8	-1.0	-2.2	-3.9
Nonmanufacturing.....	10.091	174.3	173.8	10.5	4.4	-19.3	-11.7	-0.3
Manufacturing.....	89.630	128.6	123.1	3.2	-1.5	1.9	-1.0	-4.3
<b>Pacific Rim<sup>4</sup></b> .....	100.000	118.5	116.7	2.3	-1.5	-0.4	-0.2	-1.5
Nonmanufacturing.....	25.648	142.2	135.4	0.1	-3.9	-1.0	-0.1	-4.8
Manufacturing.....	72.458	113.5	112.9	3.5	-0.5	-0.3	-0.1	-0.5
<b>China</b> .....	100.000	113.3	110.7	0.0	-2.5	-1.6	-0.3	-2.3
Nonmanufacturing.....	33.586	123.9	116.3	-0.5	-5.7	-4.0	-0.3	-6.1
Manufacturing.....	65.078	111.6	111.0	0.5	-0.6	-0.4	-0.1	-0.5
<b>Japan</b> .....	100.000	119.8	116.7	3.0	-2.2	-0.1	-0.6	-2.6
Nonmanufacturing.....	31.399	157.9	146.4	9.7	-5.5	0.2	-1.0	-7.3
Manufacturing.....	67.224	107.8	107.3	0.2	-0.6	-0.2	-0.4	-0.5

<sup>1</sup> Relative importance figures are based on 2020 trade values.

<sup>2</sup> Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.

<sup>3</sup> Mexico, Central America, South America, and the Caribbean.

<sup>4</sup> China, Japan, Australia, Brunei, Indonesia, Macao, Malaysia, New Zealand, Papua New Guinea, Philippines, and the Asian Newly Industrialized Countries.

NOTES: Data may be revised in each of the 3 months after original publication.

Regions are not mutually exclusive.

Dash = Not available

**Table 9. U.S. terms of trade indexes and percent changes by locality: December 2021 to December 2022<sup>1</sup>**  
 [December 2017=100, unless otherwise noted]

Description	Index		Percent change				
	Nov. 2022	Dec. 2022	Annual	Monthly			
			Dec. 2021 to Dec. 2022	Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
<b>Industrialized Countries<sup>2</sup></b> .....	101.4	99.5	0.4	0.4	0.7	0.6	-1.9
<b>Canada</b> .....	91.3	91.7	1.9	1.9	3.0	0.9	0.4
<b>European Union</b> .....	106.3	103.0	-0.2	-0.9	0.5	0.9	-3.1
<b>Germany</b> .....	105.3	105.0	1.3	-0.4	0.0	-0.1	-0.3
<b>Latin America<sup>3</sup></b> .....	118.6	112.2	1.1	-0.3	0.1	-1.2	-5.4
<b>Mexico</b> .....	119.7	115.2	-0.4	-0.8	-1.0	-2.1	-3.8
<b>Pacific Rim<sup>4</sup></b> .....	111.7	110.0	0.9	-1.1	-0.6	-0.1	-1.5
<b>China</b> .....	108.4	106.0	-1.1	-2.5	-2.1	-0.3	-2.2
<b>Japan</b> .....	113.1	110.0	0.6	-2.3	-1.1	-0.4	-2.7

<sup>1</sup> Terms of trade indexes are derived by dividing the export price index by the corresponding import price index and multiplying by 100.

<sup>2</sup> Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.

<sup>3</sup> Mexico, Central America, South America, and the Caribbean.

<sup>4</sup> China, Japan, Australia, Brunei, Indonesia, Macao, Malaysia, New Zealand, Papua New Guinea, Philippines, and the Asian Newly Industrialized Countries.

NOTES: Data may be revised in each of the 3 months after original publication.

Regions are not mutually exclusive.

Dash = Not available

**Table 10. U.S. international price indexes and percent changes for selected transportation services: December 2021 to December 2022**

[2000=100, unless otherwise noted]

Description	Relative importance Nov. 2022 <sup>1</sup>	Index		Percent change				
		Nov. 2022	Dec. 2022	Annual Dec. 2021 to Dec. 2022	Monthly			
					Aug. 2022 to Sep. 2022	Sep. 2022 to Oct. 2022	Oct. 2022 to Nov. 2022	Nov. 2022 to Dec. 2022
<b>Air Freight</b>								
<b>Import Air Freight</b> .....	100.000	254.6	282.8	-21.7	-1.2	-11.9	-10.1	11.1
Europe (Dec. 2003=100).....	28.830	242.8	259.5	-18.0	-0.1	-6.7	-1.9	6.9
Asia.....	70.855	240.6	271.6	-23.0	-1.5	-13.6	-13.1	12.9
<b>Export Air Freight</b> .....	100.000	191.8	193.4	5.9	-1.9	-3.3	-2.9	0.8
Europe (Dec. 2006=100).....	26.184	146.6	156.2	-1.2	-1.5	-7.9	-2.4	6.5
Asia (Dec. 2011=100).....	51.785	155.4	149.9	6.7	-4.3	2.4	-4.5	-3.5
<b>Inbound Air Freight</b> .....	100.000	192.8	199.9	-27.8	-2.5	-9.6	-9.0	3.7
Europe (Dec. 2003=100).....	26.696	166.6	185.5	-11.4	2.0	-6.7	-1.8	11.3
Asia.....	62.214	182.1	184.4	-34.6	-4.2	-11.5	-13.5	1.3
<b>Outbound Air Freight</b> .....	100.000	195.2	200.9	-5.1	6.3	-1.2	-14.4	2.9
Europe (Dec. 2003=100).....	30.662	191.3	189.1	4.9	-1.1	0.1	-1.7	-1.2
Asia.....	52.693	211.8	227.2	-10.2	11.4	0.3	-21.9	7.3
<b>Air Passenger Fares</b>								
<b>Import Air Passenger Fares</b> .....	100.000	187.0	198.1	13.4	4.7	4.4	-0.6	5.9
Europe.....	36.695	198.7	194.6	12.9	15.2	3.0	-5.7	-2.1
Asia.....	19.038	182.6	206.2	20.7	-1.3	-2.8	-3.9	12.9
Latin America/Caribbean.....	14.079	169.1	193.9	20.4	-7.1	10.8	9.6	14.7
<b>Export Air Passenger Fares</b> .....	100.000	191.0	184.7	7.7	-3.7	-1.6	0.3	-3.3
Europe.....	25.559	218.1	208.6	1.6	5.5	-4.3	-2.4	-4.4
Asia.....	24.695	217.1	203.0	7.9	-10.1	-5.0	6.9	-6.5
Latin America/Caribbean.....	33.225	192.1	188.9	23.0	-6.8	3.3	-0.1	-1.7

<sup>1</sup> Relative importance figures are based on 2020 trade values.

NOTES: Data may be revised in each of the 3 months after original publication.

Dash = Not available



## TECHNICAL NOTE

**Import and Export Goods and Services Price Indexes** - All indexes use a modified Laspeyres formula and are not seasonally adjusted. Price indexes are reweighted annually, with a 2-year lag in the weights. Published series use a base year of 2000=100 where possible. More detailed index series and additional information may be obtained at [www.bls.gov/mxp](http://www.bls.gov/mxp) or by calling (202) 691-7101.

**Merchandise Goods Classification Systems** - The merchandise price indexes are published using three classification systems. Items are classified by end use according to the Bureau of Economic Analysis Classification System, by industry according to the North American Industry Classification System (NAICS), and by product category according to the Harmonized System (HS). While classification by end use and product category are self-explanatory, some notes are in order for classifying items by industry. In the NAICS imports and exports tables, items are classified by output industry, not input industry. As an example, NAICS import index 326 (plastics and rubber products manufacturing) includes outputs such as manufactured plastic rather than inputs such as petroleum. The NAICS classification structure also matches the classification system used by the Producer Price Index (PPI) to produce the NAICS primary products indexes.

**Import Price Goods Indexes** - Items are classified by the Harmonized Tariff Schedule of the United States Annotated (TSUSA). Import prices are based on U.S. dollar prices paid by the U.S. importer. The prices are generally either "free on board" (f.o.b.) foreign port or "cost, insurance, and freight" (c.i.f.) U.S. port transaction prices, depending on the practices of the individual industry. The index for crude petroleum is calculated from data collected by the U.S. Department of Energy.

**Export Price Goods Indexes** - Items are classified by the Harmonized Schedule B classification system of the U.S. Bureau of the Census. The prices used are generally either "free alongside ship" (f.a.s.) factory or "free on board" (f.o.b.) transaction prices, depending on the practices of the individual industry. Prices used in the grain index, excluding rice, are obtained from the U.S. Department of Agriculture.

**Services Price Indexes** - Indexes for import and export air passenger fares calculate changes in the average revenue received per passenger by foreign carriers from U.S. residents and by U.S. carriers from foreign residents, respectively. Data are obtained from an airline consulting service and report on tickets sold by travel agencies, travel websites, and directly by the airlines. Taxes and fees are included in both the import and export air passenger fares indexes. Import air passenger fares data have used the airline consulting service source since September 2008. Before April 2018, the export air passenger fares data were collected directly by BLS from U.S. airlines. The air freight indexes are calculated from data collected directly from airlines. These data exclude mail and passenger baggage. The scope of the service being priced is the movement of freight from airport to airport only, and does not include any ground transportation or port service. The air freight indexes are presented using two definitions: balance of payments (which represents transactions between U.S. and foreign residents) and international (which represents transactions inbound to and outbound from the United States.) Fact sheets specifying detailed information for each services industry are available at [www.bls.gov/mxp](http://www.bls.gov/mxp) under "MXP Publications."

**Import Price Indexes by Locality of Origin** - Prices used in these indexes are a subset of the data collected for the import price indexes. The indexes are specific to a country, region, or grouping and, beginning with January 2002, are based on the North American Industry Classification System (NAICS) covering goods-producing industries. Nonmanufactured goods are defined as NAICS 11 and 21, and manufactured goods are defined as NAICS 31-33.

**Export Price Indexes by Locality of Destination** - Prices used in these indexes are a subset of the data collected for the export price indexes. The indexes are specific to a country, region, or grouping and are based on the North American Industry Classification System (NAICS) covering goods-producing industries. Nonmanufactured goods are defined as NAICS 11 and 21, and manufactured goods are defined as NAICS 31-33.

**Terms of Trade Indexes** - Terms of trade indexes measure the relative price of exports in terms of import prices for a specific country, region, or grouping. The indexes are calculated as one country, region, or grouping's all-export goods price index divided by the corresponding all-import goods price index on a scale of 100.

**Relative Importance** - A relative importance is a specific index's price-updated value share (expressed as a percentage) of overall imports or exports at a specific point in time. Relative importance values are affected by the trade weights at the point indexes are reweighted and index changes relative to other indexes since the reweight point. If an index is rising in value relative to other indexes over time, the relative importance will increase as well.

**Revision Policy** - To reflect the availability of late reports and corrections by respondents, monthly data may be revised in each of the 3 months after original publication. After 3 months, no further data revisions take place. For example, data first published in the January release will be subject to revision in the releases for February, March, and April.

**Rounding Policy** - Index values are rounded to the tenth decimal place after being calculated. All percent changes are then derived from the rounded index values and subsequently rounded to the tenth decimal place.

**Uses of the Data** - The primary use of the indexes is to deflate trade statistics, notably the foreign trade sector of the National Income and Product Accounts (NIPA) constructed by the Department of Commerce. Other published indexes are useful for general market analysis. For trade in international services, balance of payments indexes are used for deflating NIPA, while international indexes are more appropriate for market analysis.

**Email Subscription** - The U.S. import and export price indexes news release is available through an email subscription service at [www.bls.gov/bls/list.htm](http://www.bls.gov/bls/list.htm).

**Additional Information** - More detailed data are available on the Import/Export Price Indexes home page at [www.bls.gov/mxp](http://www.bls.gov/mxp). For import and export price indexes data requests, send an email to [mxpinfo@bls.gov](mailto:mxpinfo@bls.gov).

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