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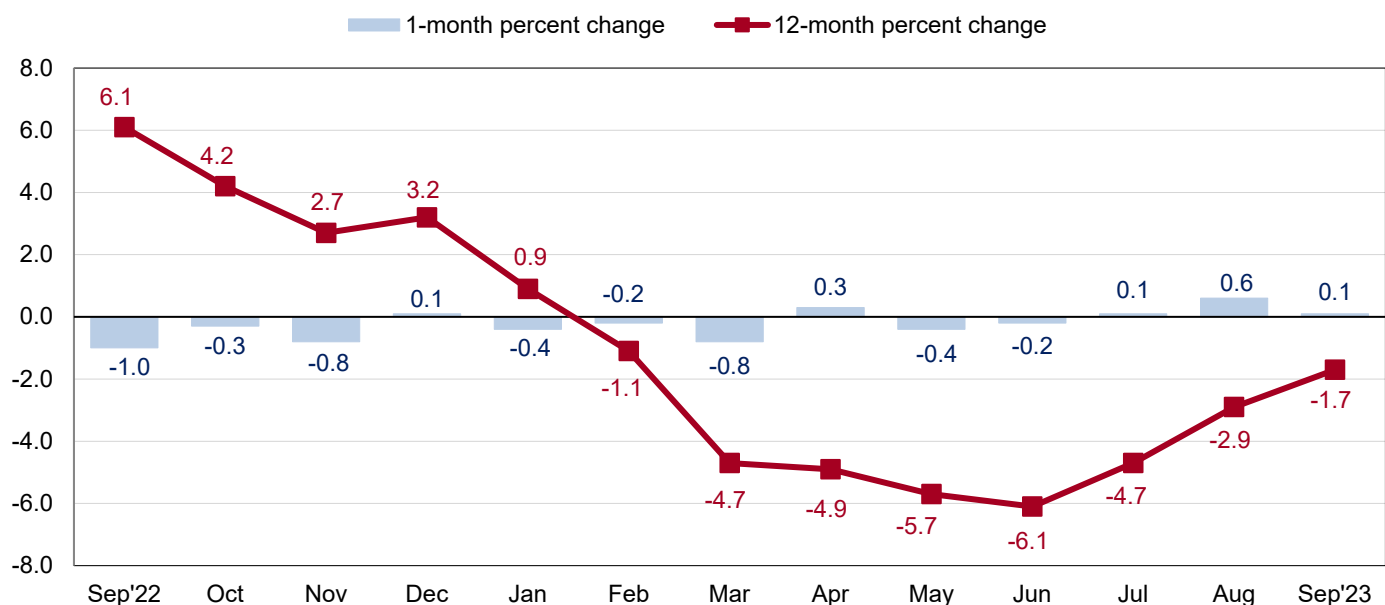
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U.S. IMPORT AND EXPORT PRICE INDEXES – SEPTEMBER 2023

Prices for U.S. imports ticked up 0.1 percent in September following a 0.6-percent advance the previous month, the U.S. Bureau of Labor Statistics reported today. Higher fuel prices drove the September increase. U.S. export prices rose 0.7 percent in September, after advancing 1.1 percent in August.

Chart 1. One-month and 12-month percent changes in the Import Price Index: September 2022 – September 2023



Imports

The price index for U.S. imports increased 0.1 percent in September as higher fuel prices more than offset lower nonfuel prices. U.S. import prices last declined on a monthly basis in June, and advanced 0.9 percent in the third quarter of 2023. Despite the recent increases, prices for U.S. imports declined 1.7 percent for the year ended in September. (See table 1.)

Fuel Imports: Import fuel prices advanced 4.4 percent in September, after rising 8.8 percent in August. The index has not recorded a 1-month decline since May 2023. Higher prices for petroleum in September more than offset a drop in natural gas prices. In spite of the recent increases, import fuel prices decreased 8.9 percent for the year ended in September. Prices for import petroleum rose 4.9 percent in September following a 9.0-percent increase the previous month. Import petroleum prices fell 6.6 percent over the past 12 months. In contrast, the price index for import natural gas declined 7.8 percent, after advances of 13.4 percent in August and 13.7 percent in July. Prices for natural gas decreased 53.8 percent from September 2022 to September 2023.

All Imports Excluding Fuel: Prices for nonfuel imports decreased 0.2 percent for the second consecutive month in September. Lower prices in September for foods, feeds, and beverages; nonfuel industrial supplies and materials; capital goods; and automotive vehicles all contributed to the September decline in nonfuel import prices. Nonfuel import prices fell 0.8 percent over the past year.

Foods, Feeds, and Beverages: The price index for import foods, feeds, and beverages declined 1.3 percent in September, the largest monthly drop since the index fell 1.5 percent in August 2022. The decline was driven by lower fruit prices.

Nonfuel Industrial Supplies and Materials: Prices for nonfuel industrial supplies and materials fell 0.5 percent in September led by lower prices for unfinished metals, paper, and selected building materials. Nonfuel industrial supplies and materials prices have not risen on a monthly basis since February 2023.

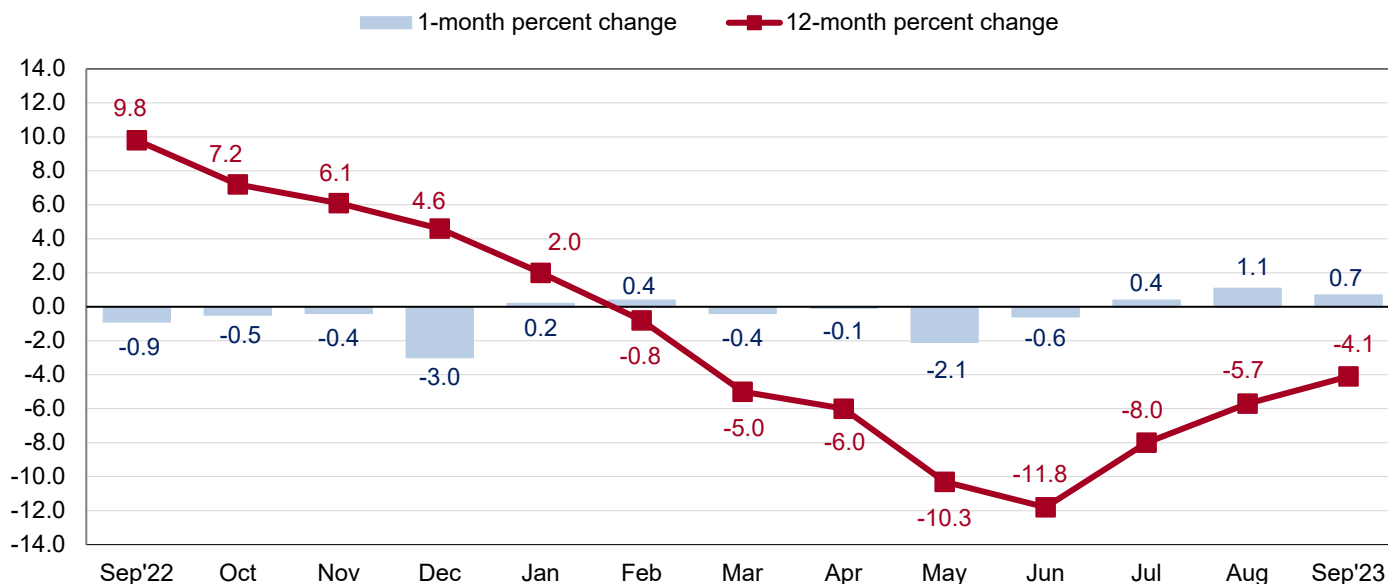
Finished Goods: Prices for most of the major import finished goods categories declined in September. Capital goods prices declined 0.1 percent for the second consecutive month. The September decrease was driven by lower prices for oil drilling, mining, and construction machinery and equipment. Prices for import automotive vehicles edged down 0.1 percent in September, after being unchanged the previous month. The decline was led by lower prices for parts, engines, bodies, and chassis. The price index for import consumer goods was unchanged in September.

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
2022						
September.....	-1.0	-6.3	-0.3	-0.9	-0.8	-0.9
October.....	-0.3	-2.2	-0.1	-0.5	-0.6	-0.5
November.....	-0.8	-3.9	-0.3	-0.4	2.8	-0.9
December.....	0.1	-2.3	0.4	-3.0	-2.4	-3.1
2023						
January.....	-0.4	-4.8	0.2	0.2	-0.8	0.3
February.....	-0.2	-5.6	0.4	0.4	0.8	0.3
March.....	-0.8	-4.4	-0.5	-0.4	-1.8	-0.2
April.....	0.3	4.6	-0.1	-0.1	0.4	-0.1
May.....	-0.4	-5.0	0.0	-2.1	-2.3	-2.1
June.....	-0.2	1.1	-0.3	-0.6	-1.4 ^r	-0.5
July.....	0.1	1.2 ^r	-0.1	0.4 ^r	0.5	0.4 ^r
August.....	0.6 ^r	8.8 ^r	-0.2 ^r	1.1 ^r	-2.1 ^r	1.5 ^r
September.....	0.1	4.4	-0.2	0.7	-1.1	1.0
Sept. 2021 to 2022.....	6.1	32.5	3.5	9.8	12.7	9.5
Sept. 2022 to 2023.....	-1.7	-8.9	-0.8	-4.1	-7.8	-3.8

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Chart 2. One-month and 12-month percent changes in the Export Price Index: September 2022 – September 2023



Exports

U.S. export prices rose 0.7 percent in September following a 1.1-percent increase in August. Higher prices for nonagricultural exports in September more than offset lower agricultural prices. Despite the recent advances, prices for U.S. exports decreased 4.1 percent over the past year. The 12-month drop in September was the smallest over-the-year decline since February 2023. (See table 2.)

Agricultural Exports: The price index for agricultural exports fell 1.1 percent in September, after decreasing 2.1 percent the previous month. Lower prices in September for soybeans, corn, wheat, and meat all contributed to the decline in agricultural export prices. Prices for agricultural exports fell 7.8 percent from September 2022 to September 2023.

All Exports Excluding Agriculture: Prices for nonagricultural exports rose 1.0 percent in September following a 1.5-percent increase the previous month. Higher prices for nonagricultural industrial supplies and materials, automotive vehicles, and capital goods in September offset lower prices for consumer goods and nonagricultural food. Despite the recent increases, nonagricultural export prices declined 3.8 percent for the year ended in September.

Nonagricultural Industrial Supplies and Materials: Nonagricultural industrial supplies and materials prices advanced 2.2 percent in September and 6.8 percent over the past 3 months. The increases in each of the past 3 months were driven by higher fuel prices. Export fuel prices advanced 4.8 percent in September, 7.3 percent in August, and 5.2 percent in July.

Finished Goods: Prices for the major finished goods export categories were mixed in September. Automotive vehicles prices rose 1.0 percent, after advancing 0.3 percent in August. The September increase was the largest 1-month rise since January 2023 and was led by higher passenger cars prices. Prices for export capital goods ticked up 0.1 percent for the third consecutive month in September. Export capital goods prices have not decreased on a monthly basis since November 2022. The September increase was led by a 0.9-percent advance in semiconductor prices. In contrast, the price index for export consumer goods fell 0.3 percent in September, following a 0.3-percent drop in August.

More information for the major import and export price indexes can be found at 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 fell 0.3 percent in September, after being unchanged the previous month. The price index for imports from China has not recorded a monthly increase since October 2022. Import prices from China declined 2.6 percent over the past 12 months, the largest over-the-year drop since October 2009. Prices for imports from Japan rose 0.1 percent in September following a 0.1-percent decline in August. Import prices from Japan advanced 1.0 percent over the past year. Prices for imports from Canada increased 0.8 percent in September and 5.6 percent in the third quarter of 2023. Despite those advances, prices for imports from Canada fell 6.7 percent for the year ended in September. Import prices from the European Union and Mexico decreased in September, falling 0.2 percent and 0.1 percent, respectively. Prices for imports from the European Union rose 2.4 percent over the past year and prices for imports from Mexico advanced 3.7 percent. (See table 7.)

Exports by Locality of Destination: The price index for exports to China increased 1.0 percent in September, after declining 0.6 percent in August. Despite the September rise, prices for exports to China decreased 5.3 percent over the past 12 months. Export prices to Japan also rose 1.0 percent in September after being unchanged the previous month. The September advance was the first 1-month increase since the index rose 1.1 percent in February 2023. Prices for exports to Japan fell 7.5 percent over the past year. The price indexes for exports to Canada and Mexico also rose in September, increasing 0.5 percent and 0.2 percent, respectively. Export prices to the European Union advanced 1.1 percent in September, after increasing 0.4 percent in August. (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 rose 1.3 percent in September, after decreasing 0.7 percent in August. Higher export prices to China and lower import prices from China each contributed to the advance. U.S. terms of trade with China decreased 2.8 percent for the year ended in September. The index for U.S. terms of trade with Japan increased 0.9 percent in September, the largest rise since February 2023. U.S. terms of trade with Japan fell 8.4 percent over the past year. In contrast, U.S. terms of trade with Canada declined 0.2 percent in September following a 2.8-percent drop the previous month. The indexes for U.S. terms of trade with Mexico and the European Union rose 0.4 percent and 1.3 percent, respectively, in September. (See table 9.)

Import and Export Services

Imports: Import air passenger fares rose 9.9 percent in September, after declining 14.1 percent in August and 9.2 percent in July. The September upturn was driven by a 17.7-percent advance in European fares. Despite the September increase, import air passenger fares decreased 3.4 percent over the past year. The price index for import air freight increased in September, advancing 4.3 percent following a 13.9-percent decrease the previous month. The September rise was led by higher prices for import freight from Asia. Import air freight prices fell 32.8 percent for the year ended in September. (See table 10.)

Exports: Export air passenger fares declined 4.5 percent in September, after decreasing 8.8 percent the previous month. Lower Latin American/Caribbean and Asian fares in September more than offset higher European fares. The index for export air passenger fares fell 7.2 percent from September 2022 to September 2023, the largest 12-month drop since an 11.5-percent decline for the year ended July 2020. Prices for export air freight decreased 1.8 percent in September following a 2.8-percent increase in August. The September decline was driven by a 3.8-percent drop in Asian air freight prices. Export air freight prices fell 13.9 percent over the past 12 months.

U.S. Import and Export Price Index data for October 2023 are scheduled for release on Thursday, November 16, 2023, at 8:30 a.m. (ET).

Table 1. U.S. import price indexes and percent changes for selected categories of goods: September 2022 to September 2023

[2000=100, unless otherwise noted]

Description	End Use	Relative importance Aug. 2023 ¹	Index		Percent change				
			Aug. 2023	Sep. 2023	Annual	Monthly			
					Sep. 2022 to Sep. 2023	May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
All commodities		100.000	140.4	140.6	-1.7	-0.2	0.1	0.6	0.1
All imports excluding food and fuels (Dec. 2010=100)		83.138	107.7	107.6	-1.1	-0.4	-0.2	-0.3	-0.1
All imports excluding petroleum		90.899	123.4	123.0	-1.2	-0.3	0.0	-0.1	-0.3
All imports excluding fuels (Dec. 2001=100)		90.358	127.2	126.9	-0.8	-0.3	-0.1	-0.2	-0.2
Foods, feeds, & beverages	0	7.220	215.4	212.5	3.1	-0.1	2.4	0.7	-1.3
Agricultural foods, feeds & beverages, excluding distilled beverages.....	00	5.804	239.7	236.3	5.1	0.3	3.2	0.7	-1.4
Nonagricultural foods (fish, distilled beverages).....	01	1.416	157.8	155.8	-4.5	-1.9	-0.5	0.6	-1.3
Industrial supplies & materials	1	24.921	247.2	250.7	-7.7	-0.4	-0.5	2.6	1.4
Industrial supplies & materials excluding petroleum.....		15.935	199.2	197.9	-9.0	-1.2	-1.1	-0.6	-0.7
Industrial supplies & materials excluding fuels (Dec. 2001=100).....		15.292	222.7	221.6	-7.2	-1.3	-1.3	-0.9	-0.5
Industrial supplies & materials, durable....		9.657	217.0	215.5	-5.3	-1.9	-1.4	-0.6	-0.7
Industrial supplies & materials nondurable excluding petroleum.....		6.163	178.7	177.8	-13.9	-0.2	-0.6	-0.7	-0.5
Fuels & lubricants.....	10	9.642	300.3	313.4	-8.9	1.1	1.2	8.8	4.4
Petroleum & petroleum products.....	100	9.101	323.6	339.4	-6.6	1.2	0.8	9.0	4.9
Crude petroleum.....	10000	5.759	332.6	352.1	-1.6	-0.5	3.4	8.9	5.9
Fuels, n.e.s.-coals & gas.....	101	0.408	169.0	159.8	-45.8	-1.3	9.3	9.7	-5.4
Natural gas.....	10110	0.299	144.2	133.0	-53.8	-1.5	13.7	13.4	-7.8
Paper & paper base stocks.....	11	0.525	140.1	136.2	-10.2	3.3	-1.5	-2.4	-2.8
Materials associated with nondurable supplies & materials.....	12	5.096	193.8	194.0	-10.6	-0.4	-1.3	-1.4	0.1
Selected building materials.....	13	1.748	191.1	189.8	-7.1	-0.6	1.7	0.3	-0.7
Unfinished metals related to durable goods.....	14	3.811	314.4	310.6	-9.1	-3.4	-3.5	-1.4	-1.2
Finished metals related to durable goods.....	15	2.332	217.1	216.5	0.8	-0.1	-0.5	-0.3	-0.3
Nonmetals related to durable goods.....	16	1.766	123.9	123.5	-3.9	-1.9	-0.5	-0.1	-0.3
Capital goods	2	27.715	93.5	93.4	0.6	-0.1	0.0	-0.1	-0.1
Electric generating equipment.....	20	3.745	129.8	130.1	0.9	-0.2	-0.2	0.5	0.2
Nonelectrical machinery.....	21	22.560	84.3	84.2	0.2	-0.1	0.0	-0.2	-0.1
Transportation equipment excluding motor vehicles (Dec. 2001=100).....	22	1.410	154.1	154.2	6.4	0.1	0.7	0.0	0.1
Automotive vehicles, parts & engines	3	12.858	118.5	118.4	1.6	-0.1	0.5	0.0	-0.1
Consumer goods, excluding automotives	4	27.286	109.8	109.8	-0.3	-0.3	-0.2	-0.1	0.0
Nondurables, manufactured.....	40	12.763	125.0	125.0	0.2	-0.1	-0.3	-0.1	0.0
Durables, manufactured.....	41	13.572	95.3	95.2	-0.4	-0.2	-0.1	0.0	-0.1
Nonmanufactured consumer goods.....	42	0.952	123.0	123.1	-5.4	-2.2	-2.1	-0.7	0.1

¹ Relative importance figures are based on 2021 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: September 2022 to September 2023

[2000=100, unless otherwise noted]

Description	End Use	Relative importance Aug. 2023 ¹	Index		Percent change				
			Aug. 2023	Sep. 2023	Annual	Monthly			
					Sep. 2022 to Sep. 2023	May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
All commodities.....		100.000	149.2	150.3	-4.1	-0.6	0.4	1.1	0.7
Agricultural commodities.....		10.676	236.1	233.5	-7.8	-1.4	0.5	-2.1	-1.1
All exports excluding food and fuels (Dec. 2010=100).....		73.114	113.9	114.0	-0.3	-0.5	-0.5	0.2	0.1
All exports excluding fuels (June 2022=100).....		82.880	98.8	98.8	-0.2	-0.6	-0.2	-0.2	0.0
Nonagricultural commodities.....		89.324	142.5	143.9	-3.8	-0.5	0.4	1.5	1.0
Foods, feeds, & beverages.....	0	9.766	237.6	234.1	-8.3	-1.5	0.6	-2.5	-1.5
Agricultural foods, feeds & beverages, excluding distilled beverages.....	00	9.387	240.0	236.6	-7.9	-1.5	0.7	-2.5	-1.4
Nonagricultural foods (fish, distilled beverages).....	01	0.378	192.0	186.8	-17.2	-2.6	-3.1	-1.3	-2.7
Industrial supplies & materials.....	1	38.348	202.0	206.4	-10.2	-1.4	0.8	3.5	2.2
Industrial supplies & materials, durable....		10.726	208.4	208.2	-1.9	-1.8	-1.7	0.0	-0.1
Industrial supplies & materials, nondurable.....		27.623	196.8	202.8	-12.7	-1.3	2.0	4.9	3.0
Agricultural industrial supplies & materials.....	10	1.257	218.9	222.1	-7.1	-1.3	-1.0	1.0	1.5
Nonagricultural industrial supplies & materials.....		37.091	201.5	206.0	-10.3	-1.4	0.9	3.5	2.2
Fuels & lubricants.....	11	17.120	253.3	265.5	-14.6	-0.6	5.2	7.3	4.8
Nonagricultural supplies & materials excluding fuels & building materials....	12	19.169	190.2	190.1	-5.7	-2.1	-2.4	0.5	-0.1
Selected building materials.....	13	0.801	147.3	148.3	-7.1	-1.2	-0.4	0.8	0.7
Capital goods.....	2	30.847	121.5	121.6	2.0	0.2	0.1	0.1	0.1
Electrical generating equipment.....	20	3.441	137.6	137.7	3.4	-0.1	0.3	-0.2	0.1
Nonelectrical machinery.....	21	22.532	101.6	101.7	0.9	-0.1	0.0	0.2	0.1
Transportation equipment excluding motor vehicles (Dec. 2001=100).....	22	4.874	211.2	211.6	7.0	2.0	0.1	0.0	0.2
Automotive vehicles, parts & engines.....	3	8.222	124.5	125.8	3.2	0.1	0.2	0.3	1.0
Consumer goods, excluding automotives.....	4	12.817	119.5	119.2	2.1	0.1	0.0	-0.3	-0.3
Nondurables, manufactured.....	40	6.771	110.9	110.5	1.4	0.0	0.1	-0.2	-0.4
Durables, manufactured.....	41	4.806	120.1	120.0	4.0	0.4	0.1	0.0	-0.1
Nonmanufactured consumer goods (Dec. 2018=100).....	42	1.239	128.2	127.2	-1.0	-0.8	-0.7	-1.0	-0.8

¹ Relative importance figures are based on 2021 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: September 2022 to September 2023

[December 2005=100, unless otherwise noted]

Description	NAICS	Relative importance Aug. 2023 ¹	Index		Percent change				
			Aug. 2023	Sep. 2023	Annual	Monthly			
					Sep. 2022 to Sep. 2023	May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Nonmanufacturing.....		8.712	155.2	160.7	-3.1	-0.8	3.4	6.8	3.5
Agriculture, forestry, fishing and hunting.....	11	2.235	222.7	221.0	6.2	-0.8	5.6	1.0	-0.8
Crop production.....	111	1.788	231.5	229.5	5.0	-0.7	6.0	1.0	-0.9
Animal production (Dec. 2022=100).....	112	0.277	118.2	115.9	–	-1.2	5.8	2.2	-1.9
Mining.....	21	6.476	151.6	159.2	-5.7	-0.8	2.7	9.0	5.0
Oil and gas extraction.....	211	6.202	150.3	158.1	-6.3	-0.7	3.6	9.2	5.2
Mining (except oil and gas) (Dec. 2022=100).....	212	0.274	110.3	111.4	–	-1.7	-14.4	4.3	1.0
Manufacturing.....		90.960	122.1	122.0	-1.5	-0.2	-0.2	0.1	-0.1
Manufacturing, part 1.....	31	11.401	138.9	137.8	-0.1	-0.2	-0.2	0.1	-0.8
Food manufacturing.....	311	4.235	188.3	184.3	-0.7	-0.4	-0.4	0.3	-2.1
Beverage and tobacco product manufacturing.....	312	1.184	141.0	141.8	5.4	0.0	0.3	0.5	0.6
Apparel manufacturing.....	315	3.194	118.7	118.6	-0.3	-0.2	-0.1	-0.2	-0.1
Leather and allied product manufacturing.....	316	1.369	127.0	127.2	-0.6	0.2	0.2	0.0	0.2
Manufacturing, part 2.....	32	19.918	143.6	144.2	-6.4	0.5	-0.9	0.9	0.4
Paper manufacturing.....	322	0.966	122.6	120.4	-7.1	1.5	-0.7	-1.3	-1.8
Petroleum and coal products manufacturing.....	324	3.166	146.8	151.5	-13.4	4.8	-3.1	9.1	3.2
Chemical manufacturing.....	325	10.983	149.3	149.4	-5.7	-0.3	-0.9	-0.6	0.1
Plastics and rubber products manufacturing.....	326	2.635	133.8	133.8	0.0	-0.1	-0.2	0.0	0.0
Nonmetallic mineral product manufacturing.....	327	1.073	145.9	145.3	2.6	-0.8	-0.3	-0.2	-0.4
Manufacturing, part 3.....	33	59.641	112.4	112.2	-0.1	-0.4	-0.1	-0.2	-0.2
Primary metal manufacturing.....	331	4.682	218.6	215.9	-6.2	-2.8	-2.1	-1.1	-1.2
Fabricated metal product manufacturing...	332	3.288	147.8	147.3	-2.5	-0.3	-0.5	-0.3	-0.3
Machinery manufacturing.....	333	7.722	132.0	132.1	3.3	-0.2	0.2	0.0	0.1
Computer and electronic product manufacturing.....	334	16.657	72.5	72.5	-1.6	-0.1	-0.1	-0.1	0.0
Electrical equipment, appliance, and component manufacturing.....	335	5.975	127.9	127.7	0.5	-0.1	0.0	0.1	-0.2
Transportation equipment manufacturing..	336	13.077	117.6	117.4	1.9	-0.1	0.6	0.0	-0.2
Furniture and related product manufacturing.....	337	2.007	128.9	129.5	0.1	0.2	0.0	-0.4	0.5
Miscellaneous manufacturing.....	339	6.233	128.0	127.4	0.8	-0.2	-0.3	0.2	-0.5

¹ Relative importance figures are based on 2021 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: September 2022 to September 2023

[December 2005=100, unless otherwise noted]

Description	NAICS	Relative importance Aug. 2023 ¹	Index		Percent change				
			Aug. 2023	Sep. 2023	Annual	Monthly			
					Sep. 2022 to Sep. 2023	May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Nonmanufacturing.....		14.733	176.6	182.5	-18.7	-2.0	4.3	0.7	3.3
Agriculture, forestry, fishing and hunting.....	11	5.208	197.7	193.2	-14.3	-2.9	1.9	-4.3	-2.3
Crop production.....	111	4.888	209.0	203.7	-15.3	-3.0	1.8	-4.6	-2.5
Mining.....	21	9.525	109.7	116.7	-21.1	-1.5	5.9	3.7	6.4
Oil and gas extraction (Dec. 2021=100)...	211	8.225	97.7	104.9	-22.5	-0.2	6.9	4.9	7.4
Mining (except oil and gas).....	212	1.300	132.9	133.0	-7.0	-7.0	-0.1	-3.8	0.1
Manufacturing.....		83.633	134.7	135.1	-1.2	-0.2	-0.2	1.2	0.3
Manufacturing, part 1.....	31	6.910	173.0	172.9	-2.8	-0.2	-0.7	0.1	-0.1
Food manufacturing.....	311	5.121	204.4	204.4	-3.2	0.0	-0.6	0.2	0.0
Beverage and tobacco product manufacturing.....	312	0.518	140.6	140.7	-1.0	-2.6	-3.2	0.5	0.1
Manufacturing, part 2.....	32	26.555	139.1	140.2	-5.1	-0.7	-0.1	3.7	0.8
Wood product manufacturing (Dec. 2017=100).....	321	0.401	114.4	116.0	-8.5	-1.6	-0.7	0.5	1.4
Paper manufacturing.....	322	1.492	139.6	137.9	-11.3	-5.7	2.0	-0.8	-1.2
Petroleum and coal products manufacturing.....	324	7.228	165.9	170.4	-5.4	0.4	2.8	14.1	2.7
Chemical manufacturing.....	325	14.190	132.7	132.7	-5.1	-0.7	-1.6	0.5	0.0
Plastics and rubber products manufacturing.....	326	2.279	133.8	134.4	2.8	0.0	0.3	0.1	0.4
Nonmetallic mineral product manufacturing.....	327	0.772	133.4	133.2	-1.0	0.2	1.2	0.3	-0.1
Manufacturing, part 3.....	33	50.168	128.8	129.0	1.5	-0.1	-0.1	0.1	0.2
Primary metal manufacturing.....	331	4.203	199.5	198.0	-6.3	-1.8	-2.2	-0.5	-0.8
Machinery manufacturing.....	333	9.559	150.3	150.3	4.7	0.1	0.3	0.4	0.0
Computer and electronic product manufacturing.....	334	12.744	83.0	83.2	-2.1	-0.2	-0.1	-0.1	0.2
Electrical equipment, appliance, and component manufacturing.....	335	3.577	136.2	136.1	3.8	-0.1	0.4	-0.1	-0.1
Transportation equipment manufacturing..	336	12.131	144.3	145.5	4.8	0.8	0.1	0.2	0.8
Miscellaneous manufacturing.....	339	4.931	138.7	138.4	3.1	0.3	0.1	-0.3	-0.2

¹ Relative importance figures are based on 2021 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: September 2022 to September 2023

[2000=100, unless otherwise noted]

Description	Harmonized system	Relative importance Aug. 2023 ¹	Index		Percent change				
			Aug. 2023	Sep. 2023	Annual	Monthly			
					Sep. 2022 to Sep. 2023	May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Live animals; animal products.....	I	1.581	239.1	234.1	0.1	-1.0	0.8	1.4	-2.1
Meat and edible meat offal.....	02	0.421	335.4	324.7	-2.1	1.4	2.8	0.1	-3.2
Fish and crustaceans, molluscs and other aquatic invertebrates.....	03	0.780	151.0	147.9	-7.3	-3.3	-1.6	1.3	-2.1
Vegetable products.....	II	2.236	257.8	246.3	0.5	-0.8	4.2	0.7	-4.5
Edible vegetables, roots, and tubers.....	07	0.581	522.3	533.7	6.5	-1.3	10.5	-0.9	2.2
Edible fruit and nuts; peel of citrus fruit or melons.....	08	0.798	127.1	119.4	9.2	0.7	9.0	0.5	-6.1
Coffee, tea, mate and spices.....	09	0.384	298.2	291.4	-9.7	-0.7	-2.5	1.5	-2.3
Animal or vegetable fats and oils (Dec. 2009=100).....	III	0.386	149.3	145.8	-3.2	-1.2	-0.9	4.1	-2.3
Prepared foodstuffs, beverages, and tobacco.....	IV	3.394	197.3	197.4	4.8	0.4	0.4	0.5	0.1
Sugars and sugar confectionary (Dec. 2021=100).....	17	0.216	116.4	117.0	10.1	0.7	0.1	1.0	0.5
Cocoa and cocoa preparations (Dec. 2009=100).....	18	0.251	125.0	126.2	23.1	2.3	2.1	1.1	1.0
Miscellaneous edible preparations (Dec. 2022=100).....	21	0.391	97.8	97.6	-	0.4	-0.5	0.1	-0.2
Beverages, spirits, and vinegar.....	22	1.114	154.7	155.6	5.5	-0.1	0.3	0.5	0.6
Mineral products.....	V	9.749	307.8	321.3	-8.6	1.0	0.7	8.8	4.4
Mineral fuels, oils and residuals, bituminous substances and mineral waxes.....	27	9.414	301.3	314.9	-9.0	1.2	1.3	9.1	4.5
Products of the chemical or allied industries.....	VI	10.489	171.3	171.7	-2.9	-0.5	-0.9	0.2	0.2
Inorganic chemicals.....	28	0.597	493.8	511.5	-6.0	-0.2	-1.8	-3.0	3.6
Organic chemicals.....	29	2.336	142.1	142.4	-2.7	-1.3	-1.1	-0.6	0.2
Pharmaceutical products.....	30	5.211	147.2	147.2	-0.1	-0.1	-0.7	-0.1	0.0
Fertilizers (Dec. 2022=100).....	31	0.391	73.4	72.4	-	-1.2	-4.8	15.4	-1.4
Tanning extracts; dye, pigments, varnish, paints & putty (Dec. 2022=100).....	32	0.207	102.9	103.0	-	-0.9	-1.0	1.9	0.1
Miscellaneous chemical products.....	38	0.814	118.4	118.6	-0.5	-1.2	-1.2	-0.3	0.2
Plastics and articles thereof; rubber and articles thereof.....	VII	4.061	154.8	154.3	-3.9	0.2	-0.5	-1.8	-0.3
Plastics and articles thereof.....	39	2.617	153.0	152.1	-6.7	0.1	-0.8	-2.4	-0.6
Rubber and articles thereof.....	40	1.444	161.6	161.8	2.0	0.2	-0.1	-0.4	0.1
Woodpulp, recovered paper, and paper products.....	X	0.961	128.8	126.4	-7.7	2.0	-1.0	-1.5	-1.9
Textile and textile articles.....	XI	4.409	120.6	120.4	-0.4	-0.2	-0.2	0.0	-0.2
Articles of apparel and clothing accessories, not knitted or crocheted.....	62	1.212	126.7	126.4	0.0	-0.2	-0.4	0.1	-0.2
Headgear, umbrellas, artificial flowers, etc.....	XII	1.199	126.8	126.9	0.1	0.2	0.2	-0.2	0.1
Footwear and parts of such articles.....	64	0.971	123.6	123.8	-0.1	0.2	0.2	-0.2	0.2
Stone, plaster, cement, asbestos, ceramics, glass etc.....	XIII	0.934	138.1	137.4	2.4	-0.4	-0.2	-0.1	-0.5
Articles of stone, plaster, cement, asbestos, or mica (Dec. 2020=100).....	68	0.343	102.9	102.1	0.3	0.0	0.0	0.0	-0.8
Glass and glassware (Dec. 2021=100).....	70	0.328	108.4	108.0	6.4	-0.5	-0.4	-0.6	-0.4
Pearls, stones, precious metals, imitation jewelry, and coins.....	XIV	3.185	224.8	222.8	-1.8	-2.4	-4.0	0.9	-0.9

See footnotes at end of table.

Table 5. U.S. import price indexes and percent changes for selected categories of goods: September 2022 to September 2023 — Continued
 [2000=100, unless otherwise noted]

Description	Harmoni- zied system	Relative importance Aug. 2023 ¹	Index		Percent change				
			Aug. 2023	Sep. 2023	Annual	Monthly			
					Sep. 2022 to Sep. 2023	May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Base metals and articles of base metals. . .	XV	6.155	230.7	228.1	-4.7	-1.2	-0.2	-1.2	-1.1
Articles of iron or steel.....	73	1.843	201.0	195.3	-5.0	-1.3	0.0	-1.1	-2.8
Copper and articles thereof.....	74	0.542	380.6	369.9	5.9	-2.0	0.2	2.2	-2.8
Aluminum and articles thereof.....	76	1.044	186.5	186.5	-2.1	-0.7	-0.1	-1.8	0.0
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof.....	82	0.451	133.2	133.0	2.5	0.0	0.4	0.5	-0.2
Miscellaneous articles of base metal.....	83	0.544	146.9	147.0	-3.7	-0.5	-0.1	-0.2	0.1
Machinery, electrical equipment, TV image and sound recorders, parts, etc.....	XVI	29.791	82.6	82.5	0.0	-0.1	0.0	0.0	-0.1
Machinery and mechanical appliances; parts thereof.....	84	15.232	89.8	89.7	0.6	-0.1	0.0	0.1	-0.1
Electrical machinery and equip, sound and TV recorders & reproducers, parts.....	85	14.559	75.8	75.7	-0.8	-0.3	-0.1	-0.1	-0.1
Vehicles, aircraft, vessels and associated transport equipment.....	XVII	10.868	122.2	122.1	1.8	-0.1	0.7	-0.1	-0.1
Motor vehicles and their parts.....	87	10.242	121.2	121.1	1.6	0.0	0.6	-0.1	-0.1
Aircraft, spacecraft, and parts thereof (Dec. 2020=100).....	88	0.516	108.8	109.1	4.9	-0.3	0.6	0.1	0.3
Optical, photo, measuring, medical & musical instruments; & timepieces.....	XVIII	4.152	108.5	108.6	3.1	0.1	0.1	0.3	0.1
Optical, photographic, measuring and medical instruments.....	90	3.853	104.0	104.0	2.7	0.0	0.1	0.2	0.0
Miscellaneous manufactured articles.....	XX	4.823	120.2	120.1	0.1	0.0	-0.2	0.1	-0.1
Furniture & stuffed furnishings; lamps & lighting fittings, nesoi; prefab bldgs.....	94	2.738	127.3	127.6	-0.5	0.0	0.0	-0.3	0.2
Toys, games and sports equipment; parts and accessories thereof.....	95	1.784	106.7	106.1	-0.4	-0.2	-0.5	0.7	-0.6
Miscellaneous manufactured articles.....	96	0.301	148.0	148.0	8.7	0.0	0.2	0.3	0.0

¹ Relative importance figures are based on 2021 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: September 2022 to September 2023

[2000=100, unless otherwise noted]

Description	Harmonized system	Relative importance Aug. 2023 ¹	Index		Percent change				
			Aug. 2023	Sep. 2023	Annual	Monthly			
					Sep. 2022 to Sep. 2023	May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Live animals; animal products.....	I	2.046	258.0	258.6	-7.9	-0.8	-1.1	-0.2	0.2
Meat & edible meat offal (Dec. 2006=100)...	02	1.307	221.9	218.6	-2.7	0.6	0.4	0.7	-1.5
Fish and crustaceans, mollusks and aquatic invertebrates (Dec. 2022=100).....	03	0.224	78.6	75.5	-	-3.9	-4.6	-2.6	-3.9
Vegetable products.....	II	4.943	260.8	253.6	-13.7	-2.9	1.8	-4.9	-2.8
Edible fruit and nuts; peel of citrus fruit or melons.....	08	0.770	129.1	131.5	1.0	-3.7	-4.1	-2.1	1.9
Cereals.....	10	1.654	269.6	255.4	-23.5	-0.6	-4.1	-6.8	-5.3
Oilseeds and misc. grains, seeds, fruits, plants, straw and fodder.....	12	1.977	290.9	280.8	-12.6	-6.0	10.5	-5.8	-3.5
Prepared foodstuffs, beverages, and tobacco.....	IV	3.022	186.5	185.5	0.2	0.2	-1.0	0.2	-0.5
Miscellaneous edible preparations (Dec. 2017=100).....	21	0.687	119.5	119.0	10.4	0.8	0.4	0.5	-0.4
Beverages, spirits, and vinegar (Dec. 2008=100).....	22	0.467	108.2	107.3	-0.9	-0.1	-0.7	-0.4	-0.8
Residues and waste from the food industries; prepared animal feed.....	23	0.735	289.6	284.7	-15.6	-1.9	-4.7	-0.2	-1.7
Mineral products.....	V	16.809	302.8	317.3	-15.2	-0.7	4.7	7.9	4.8
Ores, slag and ash (Dec. 2012=100).....	26	0.469	125.2	122.5	-3.0	-4.9	-7.2	2.7	-2.2
Mineral fuels, oils and residuals, bituminous substances and mineral waxes.....	27	16.119	290.9	305.7	-15.6	-0.5	5.2	8.1	5.1
Products of the chemical or allied industries.....	VI	12.831	162.8	162.8	-1.8	-0.2	-1.0	0.5	0.0
Pharmaceutical products.....	30	4.423	108.7	108.4	2.3	0.0	0.4	-0.1	-0.3
Essential oils and resinoids; perfumery cosmetic or toilet preparations.....	33	0.858	148.5	148.4	5.2	0.1	-0.3	-0.3	-0.1
Soap; lubricants; waxes, polishing or scouring products; candles, pastes.....	34	0.479	139.0	139.0	2.7	0.7	0.7	0.0	0.0
Miscellaneous chemical products.....	38	2.282	192.7	192.3	4.7	0.1	0.1	0.1	-0.2
Plastics and articles thereof; rubber and articles thereof.....	VII	4.516	156.6	157.4	-5.5	-0.9	-1.1	0.1	0.5
Plastics and articles thereof.....	39	3.716	153.3	154.3	-6.8	-1.0	-1.5	0.1	0.7
Rubber and articles thereof.....	40	0.800	170.3	170.2	1.7	-0.4	0.8	0.2	-0.1
Wood, wood charcoal, cork, straw, baskets and wickerwork (Dec. 2014=100).....	IX	0.462	105.9	107.2	-12.0	-2.7	-1.4	1.3	1.2
Woodpulp, recovered paper, and paper products.....	X	1.644	140.4	138.5	-12.5	-4.8	2.0	0.0	-1.4
Woodpulp and recovered paper (Dec. 2019=100).....	47	0.436	130.7	128.9	-31.1	-14.8	6.9	-1.6	-1.4
Paper and paperboard; articles of paper pulp, paper or paperboard.....	48	0.969	146.4	144.0	-3.1	-1.0	0.4	0.7	-1.6
Cotton, including yarns and woven fabrics thereof.....	52	0.562	164.4	168.7	-14.8	0.3	-0.6	3.9	2.6
Stone, plaster, cement, asbestos, ceramics, glass etc.....	XIII	0.754	149.4	149.4	1.3	0.2	1.4	0.3	0.0
Glass and glassware (Dec. 2019=100).....	70	0.465	114.3	114.3	2.8	0.1	2.8	0.0	0.0
Pearls, stones, precious metals, imitation jewelry, and coins.....	XIV	4.492	308.4	305.5	-3.2	-2.1	-2.7	-0.5	-0.9
Base metals and articles of base metals. ...	XV	4.464	208.9	209.7	-0.1	-1.2	-0.3	-0.3	0.4
Copper and articles thereof.....	74	0.590	263.0	262.7	8.3	-2.2	0.2	1.9	-0.1
Aluminum and articles thereof.....	76	0.656	141.6	139.7	-3.8	-1.2	-2.7	-0.4	-1.3

See footnotes at end of table.

Table 6. U.S. export price indexes and percent changes for selected categories of goods: September 2022 to September 2023 — Continued
 [2000=100, unless otherwise noted]

Description	Harmonized system	Relative importance Aug. 2023 ¹	Index		Percent change				
			Aug. 2023	Sep. 2023	Annual	Monthly			
					Sep. 2022 to Sep. 2023	May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Miscellaneous articles of base metal (Dec. 2022=100).....	83	0.321	103.0	103.0	—	0.1	1.2	0.0	0.0
Machinery, electrical equipment, TV image and sound recorders, parts, etc.....	XVI	25.888	106.7	106.9	1.9	0.2	0.0	0.1	0.2
Machinery and mechanical appliances; parts thereof.....	84	15.080	130.7	130.8	4.1	0.8	0.1	0.1	0.1
Electrical machinery and equipment and parts and accessories thereof.....	85	10.808	81.6	81.9	-0.8	-0.4	0.0	-0.1	0.4
Vehicles, aircraft, vessels and associated transport equipment.....	XVII	9.088	150.9	152.3	2.9	0.1	0.2	0.3	0.9
Motor vehicles and their parts.....	87	6.857	125.7	127.2	2.3	0.1	0.3	0.3	1.2
Optical, photo, measuring, medical & musical instruments; & timepieces.....	XVIII	5.635	118.2	118.1	3.3	0.1	0.5	0.2	-0.1
Miscellaneous manufactured articles.....	XX	1.200	135.3	134.8	1.5	0.0	-0.6	-0.4	-0.4
Furniture; stuffed furnishings; lamps and lighting fittings nesoi.....	94	0.575	148.7	147.8	-1.8	0.0	-0.8	0.0	-0.6
Toys, games and sports equipment; parts and accessories thereof.....	95	0.488	117.8	117.7	7.8	0.0	-0.4	0.1	-0.1

¹ Relative importance figures are based on 2021 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: September 2022 to September 2023

[2000=100, unless otherwise noted]

Description	Relative importance Aug. 2023 ¹	Index		Percent change				
		Aug. 2023	Sep. 2023	Annual Sep. 2022 to Sep. 2023	Monthly			
					May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Industrialized Countries²	100.000	146.4	146.7	-1.5	-0.4	0.4	1.2	0.2
Nonmanufacturing.....	11.757	267.2	278.3	-3.8	-1.0	3.0	10.0	4.2
Manufacturing.....	87.692	136.8	136.4	-0.9	-0.3	0.1	0.1	-0.3
Canada	100.000	177.8	179.2	-6.7	-0.6	1.5	3.3	0.8
Nonmanufacturing.....	32.715	263.2	274.5	-4.7	-1.1	3.0	10.7	4.3
Manufacturing.....	66.333	158.2	156.9	-7.5	-0.3	0.8	-0.1	-0.8
European Union	100.000	156.8	156.5	2.4	-0.1	0.3	0.5	-0.2
Manufacturing.....	99.185	152.5	152.2	2.5	-0.1	0.2	0.5	-0.2
France (Dec. 2003=100)	100.000	152.4	151.7	6.4	0.5	-0.1	0.4	-0.5
Germany (Dec. 2003=100)	100.000	125.1	124.9	0.8	-0.4	-0.1	0.2	-0.2
United Kingdom (Dec. 2003=100)	100.000	136.2	137.3	2.2	-0.3	0.4	0.1	0.8
Latin America³	100.000	170.1	171.0	0.4	0.2	0.9	-0.2	0.5
Nonmanufacturing.....	14.533	335.9	340.4	-2.2	0.4	4.9	3.4	1.3
Manufacturing.....	85.174	136.8	137.3	1.1	0.2	0.2	-0.9	0.4
Mexico (Dec. 2003=100)	100.000	147.1	146.9	3.7	0.5	2.3	0.4	-0.1
Nonmanufacturing (Dec. 2008=100).....	10.379	201.9	189.0	10.9	2.6	23.9	2.4	-6.4
Manufacturing (Dec. 2008=100).....	89.338	98.9	99.5	3.2	0.2	0.4	0.1	0.6
Pacific Rim (Dec. 2003=100)⁴	100.000	102.8	102.7	-1.5	-0.3	-0.1	0.0	-0.1
China (Dec. 2003=100)	100.000	101.7	101.4	-2.6	-0.4	-0.3	0.0	-0.3
Japan	100.000	101.1	101.2	1.0	0.0	0.4	-0.1	0.1
Taiwan (Dec. 2018=100)	100.000	109.7	109.6	-1.4	-0.2	-0.2	0.1	-0.1
Asian NICs⁵	100.000	95.8	95.9	-2.4	0.3	-0.2	0.5	0.1
ASEAN (Dec. 2003=100)⁶	100.000	101.5	101.4	-2.0	-0.5	-0.4	-0.1	-0.1
Asia Near East (Dec. 2003=100)⁷	100.000	223.0	223.8	-6.8	-0.8	2.5	4.1	0.4

¹ Relative importance figures are based on 2021 trade values.

² Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.

³ Mexico, Central America, South America, and the Caribbean.

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

⁵ Asian Newly Industrialized Countries - Hong Kong, Singapore, South Korea, and Taiwan.

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

⁷ 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: September 2022 to September 2023

[December 2017=100, unless otherwise noted]

Description	Relative importance Aug. 2023 ¹	Index		Percent change				
		Aug. 2023	Sep. 2023	Annual Sep. 2022 to Sep. 2023	Monthly			
					May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Industrialized Countries²	100.000	120.3	121.0	-0.7	-0.3	0.9	0.8	0.6
Nonmanufacturing.....	12.853	142.1	146.7	-9.3	-1.9	7.5	2.8	3.2
Manufacturing.....	85.379	118.0	118.3	1.0	0.0	0.1	0.4	0.3
Canada	100.000	127.7	128.4	-0.1	-0.1	0.6	0.3	0.5
Nonmanufacturing (Dec. 2020=100).....	7.768	135.9	138.6	-17.7	-1.7	5.0	2.6	2.0
Manufacturing (Dec. 2020=100).....	90.514	119.4	119.9	1.8	0.2	0.3	0.2	0.4
European Union	100.000	118.1	119.4	0.3	-0.5	1.2	0.4	1.1
Nonmanufacturing.....	15.879	141.8	151.8	1.9	-2.1	5.3	3.5	7.1
Manufacturing.....	82.414	113.9	113.9	0.0	-0.1	0.6	-0.2	0.0
Germany	100.000	117.7	117.9	3.9	-0.6	1.5	0.2	0.2
Latin America³	100.000	125.3	126.1	-8.2	-0.1	0.6	2.8	0.6
Nonmanufacturing.....	8.994	138.9	140.1	-41.3	-1.9	5.8	-0.4	0.9
Manufacturing.....	90.460	124.6	125.4	-2.6	0.1	0.0	3.2	0.6
Mexico	100.000	125.7	125.9	-7.2	-0.4	1.1	1.9	0.2
Nonmanufacturing.....	7.792	120.3	119.3	-51.2	-3.5	10.5	-2.4	-0.8
Manufacturing.....	91.681	127.3	127.7	0.2	-0.1	0.2	2.4	0.3
Pacific Rim⁴	100.000	113.4	114.1	-4.3	-1.0	0.2	0.3	0.6
Nonmanufacturing.....	21.462	122.5	125.9	-12.4	-3.0	3.1	1.0	2.8
Manufacturing.....	77.425	112.8	112.8	-1.0	-0.2	-0.5	0.0	0.0
China	100.000	108.2	109.3	-5.3	-1.7	1.0	-0.6	1.0
Nonmanufacturing.....	28.025	111.2	113.1	-12.7	-3.8	3.9	-0.8	1.7
Manufacturing.....	70.862	109.5	110.2	-1.7	-0.8	-0.1	-0.5	0.6
Japan	100.000	110.5	111.6	-7.5	-0.9	-1.3	0.0	1.0
Nonmanufacturing.....	24.199	119.9	123.4	-22.5	-2.1	-1.8	0.4	2.9
Manufacturing.....	74.728	108.2	108.6	0.2	-0.3	-0.9	-0.3	0.4

¹ Relative importance figures are based on 2021 trade values.

² Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.

³ Mexico, Central America, South America, and the Caribbean.

⁴ 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: September 2022 to September 2023¹
 [December 2017=100, unless otherwise noted]

Description	Index		Percent change				
	Aug. 2023	Sep. 2023	Annual	Monthly			
			Sep. 2022 to Sep. 2023	May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Industrialized Countries²	100.6	101.0	0.9	0.1	0.5	-0.4	0.4
Canada	94.4	94.2	7.2	0.4	-0.8	-2.8	-0.2
European Union	101.4	102.7	-2.0	-0.4	1.0	-0.1	1.3
Germany	108.3	108.6	3.0	-0.2	1.6	-0.1	0.3
Latin America³	109.7	109.8	-8.5	-0.3	-0.3	3.0	0.1
Mexico	110.2	110.6	-10.4	-0.9	-1.2	1.4	0.4
Pacific Rim⁴	108.5	109.3	-2.8	-0.6	0.3	0.2	0.7
China	106.5	107.9	-2.8	-1.3	1.3	-0.7	1.3
Japan	104.4	105.3	-8.4	-0.9	-1.7	0.1	0.9

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

² Western Europe, Canada, Japan, Australia, New Zealand, and South Africa.

³ Mexico, Central America, South America, and the Caribbean.

⁴ 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: September 2022 to September 2023

[2000=100, unless otherwise noted]

Description	Relative importance Aug. 2023 ¹	Index		Percent change				
		Aug. 2023	Sep. 2023	Annual Sep. 2022 to Sep. 2023	Monthly			
					May 2023 to Jun. 2023	Jun. 2023 to Jul. 2023	Jul. 2023 to Aug. 2023	Aug. 2023 to Sep. 2023
Air Freight								
Import Air Freight	100.000	206.9	215.9	-32.8	5.8	0.1	-13.9	4.3
Europe (Dec. 2003=100).....	28.822	194.8	181.0	-31.8	1.5	-13.8	4.0	-7.1
Asia.....	70.633	194.2	213.2	-33.5	7.5	5.6	-20.4	9.8
Export Air Freight	100.000	179.3	176.0	-13.9	-2.8	-0.2	2.8	-1.8
Europe (Dec. 2006=100).....	25.248	140.4	142.0	-12.9	1.2	2.0	-1.4	1.1
Asia (Dec. 2011=100).....	54.344	144.5	139.0	-12.5	-2.3	0.4	4.8	-3.8
Inbound Air Freight	100.000	155.9	156.4	-33.2	1.2	0.1	-6.0	0.3
Europe (Dec. 2003=100).....	31.239	156.5	148.0	-18.5	1.4	-7.8	6.0	-5.4
Asia.....	56.986	136.1	141.8	-40.4	1.0	4.5	-12.6	4.2
Outbound Air Freight	100.000	168.6	176.1	-23.7	2.6	-6.9	0.8	4.4
Europe (Dec. 2003=100).....	30.174	170.1	172.0	-11.6	0.9	1.6	-2.0	1.1
Asia.....	52.919	179.0	191.0	-29.3	6.8	-13.1	2.2	6.7
Air Passenger Fares								
Import Air Passenger Fares	100.000	158.2	173.9	-3.4	10.0	-9.2	-14.1	9.9
Europe.....	44.885	175.7	206.8	1.1	11.6	-11.0	-18.4	17.7
Asia.....	6.149	165.8	170.9	-12.6	7.6	-6.4	-11.0	3.1
Latin America/Caribbean.....	16.389	142.6	138.6	-0.5	6.3	-1.7	-9.9	-2.8
Export Air Passenger Fares	100.000	188.1	179.6	-7.2	9.3	4.2	-8.8	-4.5
Europe.....	21.478	235.8	237.7	1.8	17.8	3.1	-13.0	0.8
Asia.....	13.027	223.6	199.4	-6.8	6.7	3.9	0.2	-10.8
Latin America/Caribbean.....	51.944	182.2	174.3	-6.3	7.6	4.3	-9.7	-4.3

¹ Relative importance figures are based on 2021 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 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 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 <https://subscriptions.bls.gov/accounts/USDOLBLS/subscriber/new>.

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

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