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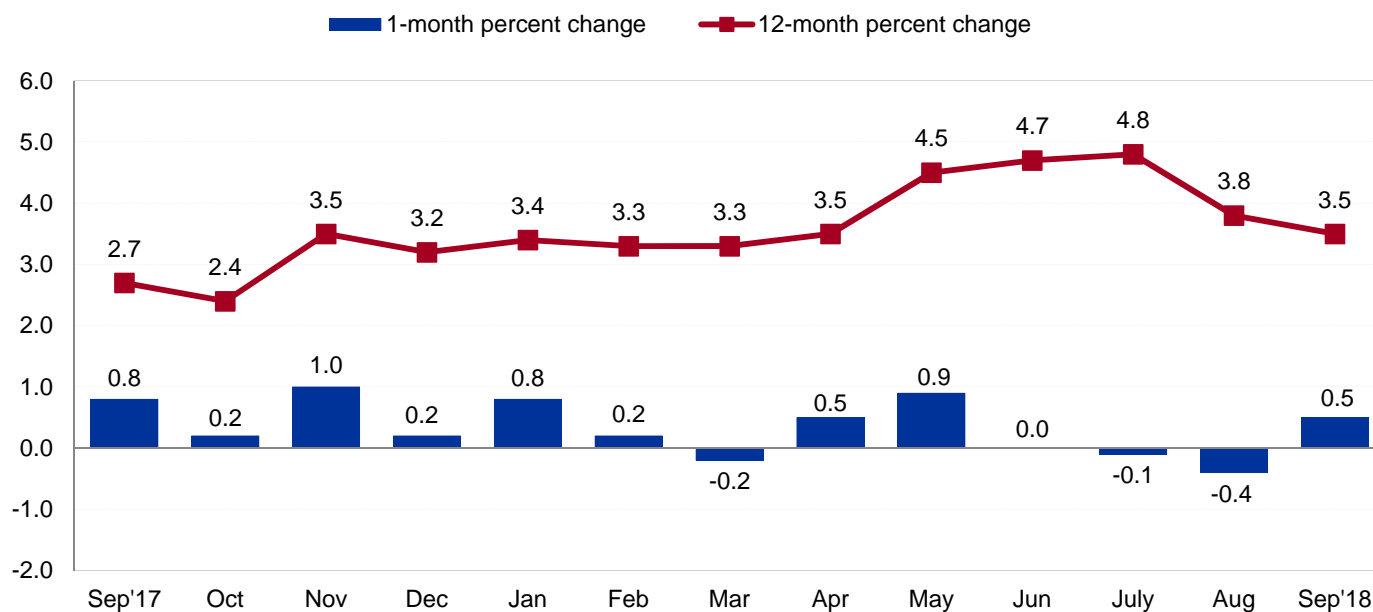
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### U.S. IMPORT AND EXPORT PRICE INDEXES – SEPTEMBER 2018

Prices for U.S. imports increased 0.5 percent in September, the U.S. Bureau of Labor Statistics reported today, after declining 0.4 percent in August and 0.1 percent in July. The September advance was led by higher fuel prices. U.S. export prices recorded no change in September following declines of 0.2 percent and 0.5 percent the previous 2 months.

Chart 1. One-month and 12-month percent changes in the Import Price Index: September 2017 – September 2018



#### Imports

Import prices advanced 0.5 percent in September, the first monthly increase since a 0.9-percent rise in May. The upturn reversed the declines in each of the previous 2 months. Prices for overall imports rose 3.5 percent from September 2017 to September 2018 and have not recorded an over-the-year decrease since the index fell 0.2 percent in October 2016. (See table 1.)

**Fuel Imports:** The price index for import fuels increased 3.8 percent in September, after declining 2.2 percent in August. The September advance was the largest monthly rise since a 6.1-percent increase in May and was led by higher petroleum prices which more than offset lower natural gas prices. Prices for petroleum increased 4.1 percent in September following a 2.3-percent decline the previous month. In contrast, natural gas prices fell 4.0 percent, after decreasing 3.9 percent in August. Fuel prices increased 30.0 percent for the year ended in September, driven by a 32.1-percent advance in petroleum prices. The price index for natural gas fell 1.3 percent over the past 12 months.

**All Imports Excluding Fuel:** Prices for nonfuel imports recorded no change in September, after a 0.2-percent decline in August. Higher foods, feeds, and beverages prices in September offset decreasing prices for nonfuel industrial supplies and materials and consumer goods. The price index for nonfuel imports increased 0.6 percent over the past 12 months. The over-the-year advance was driven mostly by a 4.3-percent rise in nonfuel industrial supplies and materials, although higher prices for consumer goods and automotive vehicles also contributed to the increase. In contrast, prices for foods, feeds, and beverages fell over the same period and prices for capital goods recorded no change.

*Nonfuel Industrial Supplies and Materials:* Nonfuel industrial supplies and materials prices decreased 0.4 percent in September following a 0.9-percent drop the previous month. The September decrease was driven by a 1.4-percent decline in unfinished metals prices and a 1.2-percent drop in prices for selected building materials.

*Finished Goods:* Finished goods prices were mostly flat during September. Consumer goods prices edged down 0.1 percent and the price indexes for capital goods and automotive vehicles both recorded no change.

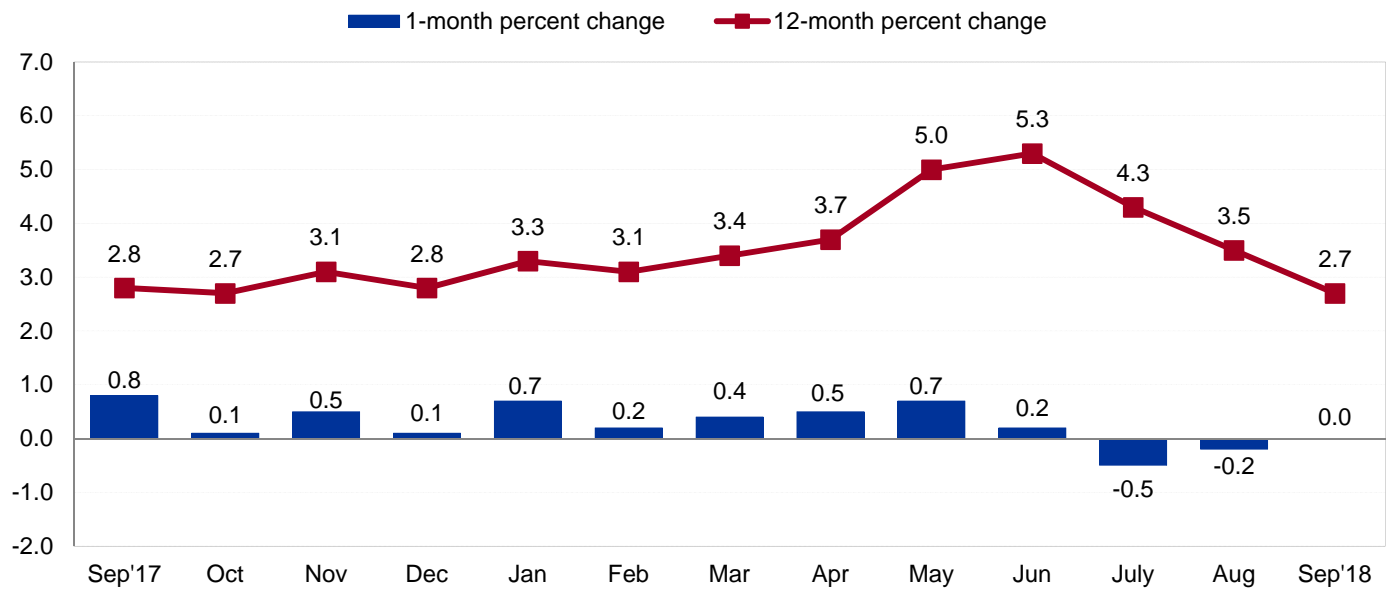
*Foods, Feeds, and Beverages:* Import prices for foods, feeds, and beverages advanced 2.0 percent in September, after a 0.3-percent increase in August. The September advance was led by a 13.7-percent rise in fruit prices and a 4.5-percent increase in vegetable prices.

**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>2017</b>						
September.....	0.8	5.7	0.3	0.8	-0.7	0.9
October.....	0.2	0.3	0.1	0.1	2.0	-0.1
November.....	1.0	9.8	0.0	0.5	-0.7	0.7
December.....	0.2	3.3	-0.2	0.1	-0.3	0.0
<b>2018</b>						
January.....	0.8	3.3	0.5	0.7	0.0	0.8
February.....	0.2	-1.8	0.4	0.2	0.6	0.2
March.....	-0.2	-2.6	0.1	0.4	3.2	0.1
April.....	0.5	4.0	0.1	0.5	-1.1	0.7
May.....	0.9	6.1	0.2	0.7	1.6	0.6
June.....	0.0 <sup>f</sup>	2.6	-0.3	0.2	-1.0	0.3 <sup>f</sup>
July.....	-0.1	0.7 <sup>f</sup>	-0.2 <sup>f</sup>	-0.5	-5.2	0.1 <sup>f</sup>
August.....	-0.4 <sup>f</sup>	-2.2 <sup>f</sup>	-0.2 <sup>f</sup>	-0.2 <sup>f</sup>	0.3 <sup>f</sup>	-0.2
September.....	0.5	3.8	0.0	0.0	-1.4	0.2
Sept. 2016 to 2017.....	2.7	19.4	1.3	2.8	2.1	2.8
Sept. 2017 to 2018.....	3.5	30.0	0.6	2.7	-2.3	3.3

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**Chart 2. One-month and 12-month percent change in the Export Price Index: September 2017 – September 2018**



## Exports

U.S. export prices recorded no change in September following declines in each of the previous 2 months. Those were the first monthly decreases since June 2017. In September, lower agricultural prices offset increasing nonagricultural prices. Despite decreasing over the past quarter, prices for U.S. exports advanced 2.7 percent for the year ended in September. (See table 2.)

**Agricultural Exports:** Agricultural export prices fell 1.4 percent in September, after rising 0.3 percent in August and declining 5.2 percent in July. Overall, agricultural prices decreased 6.2 percent in the third quarter of 2018. The drop in agricultural prices in September and over the past 3 months was driven by lower soybean prices which fell 18.8 percent from June to September. The price index for agricultural exports decreased 2.3 percent over the past year. Declining prices for soybeans, fruits, meat, and nuts all contributed to the 12-month decrease.

**All Exports Excluding Agriculture:** Prices for nonagricultural exports rose 0.2 percent in September following a 0.2-percent decline the previous month. Higher prices for nonagricultural industrial supplies and materials; capital goods; automotive vehicles; and nonagricultural foods all contributed to the September advance in nonagricultural prices. The price index for nonagricultural exports increased 3.3 percent over the past 12 months and has not recorded an over-the-year decline since November 2016.

*Nonagricultural Industrial Supplies and Materials:* Nonagricultural industrial supplies and materials prices advanced 0.2 percent in September, after falling 0.7 percent in August. The increase was led by higher prices for fuel, chemicals, and iron and steel mill products, which more than offset lower nonferrous metals prices.

*Finished Goods:* Finished goods prices were mostly up in September. The price indexes for capital goods and automotive vehicles each edged up 0.1 percent and consumer goods prices recorded no change. The rise in capital goods prices in September was driven by higher prices for computer peripherals and the increase in prices for automotive vehicles was led by a 0.1-percent advance in passenger cars prices.

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

**Imports by Locality of Origin:** Import prices from China edged down 0.1 percent for the third consecutive month in September. Despite the declines, the price index for imports from China advanced 0.4 percent from September 2017 to September 2018. Prices for imports from Japan decreased 0.2 percent in September, after recording no change the previous month. The September decline was the largest monthly drop since the index fell 0.3 percent in October 2017. Import prices from the European Union also decreased in September, declining 0.2 percent following a 0.1-percent drop in August. In contrast, prices for imports from Canada and Mexico increased 0.7 percent and 0.9 percent, respectively. Higher fuel prices factored into both advances. (See table 7.)

**Exports by Locality of Destination:** Export prices to China decreased 1.7 percent in September, after falling 0.2 percent in August and 2.2 percent in July. The index has not recorded a monthly advance since May. Prices for exports to Japan fell 0.5 percent in September and have not recorded a monthly increase since a 1.4-percent advance in February. The price index for exports to Mexico edged down 0.1 percent in September following 0.1-percent increases in August and July. In contrast, export prices to Canada rose 0.4 percent, after advancing 0.2 percent the previous month. The September rise was the largest monthly increase since a 0.8-percent advance in May. The price index for exports to the European Union recorded no change, after edging down 0.1 percent in each of the previous 3 months. (See table 8.)

**Terms of Trade Indexes:** Terms of Trade indexes are based on the country, region, or grouping and measure the change in the purchasing power of exports relative to imports. The U.S. terms of trade index with China fell 1.6 percent in September following a 0.1-percent decline in August and a 2.1-percent drop in July. The decreases over the past 3 months were driven by the drop in export prices to China which were greater than the declines in import prices from China. The index for U.S. terms of trade with Japan declined 0.3 percent for the second consecutive month, after falling 1.3 percent in July. The U.S. terms of trade also declined with Canada and Mexico in September, falling 0.4 percent and 1.0 percent, respectively. In contrast, the index for U.S. terms of trade with the European Union increased 0.3 percent in September following 0.1-percent declines the previous 2 months. The September increase resulted from lower import prices from the European Union. (See table 9.)

## **Import and Export Services**

**Imports:** The index for import air passenger fares increased 10.7 percent in September, the largest monthly advance since the index rose 10.7 percent in June 2013. The last time the index increased by more than 10.7 percent was a 13.0-percent rise in June 2009. The September advance was led by a 20.3-percent increase in European fares. Import air passenger fares rose 5.7 percent over the past year, the largest 12-month advance since a 7.9-percent increase in April. Import air freight prices rose 0.8 percent in September and 3.3 percent over the past 12 months. (See table 10.)

**Exports:** Export air passenger fares declined 2.8 percent in September following a 3.7-percent drop the previous month. The September decrease was driven by a 7.1-percent decline in Asian fares. Despite the recent decreases, the index for export air passenger fares increased 2.4 percent from September 2017 to September 2018. Prices for export air freight rose 0.5 percent in September and 3.4 percent over the past year.

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**Import and Export Price Index data for October are scheduled for release on Thursday, November 15, 2018 at 8:30 a.m. (EST).**

**Table 1. U.S. import price indexes and percent changes for selected categories of goods: September 2017 to September 2018**

[2000=100, unless otherwise noted]

Description	End Use	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
			Aug. 2018	Sept. 2018	Annual	Monthly			
					Sept. 2017 to Sept. 2018	May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>All commodities</b> .....		100.000	127.6	128.2	3.5	0.0	-0.1	-0.4	0.5
<b>All imports excluding food and fuels (Dec. 2010=100)</b> .....		82.530	100.4	100.3	1.0	-0.1	-0.1	-0.2	-0.1
<b>All imports excluding petroleum</b> .....		89.014	113.2	113.2	0.6	-0.4	-0.1	-0.2	0.0
<b>All imports excluding fuels (Dec. 2001=100)</b> .....		88.387	117.4	117.4	0.6	-0.3	-0.2	-0.2	0.0
<b>Foods, feeds, &amp; beverages</b> .....	0	5.857	175.9	179.5	-3.2	-2.7	-1.5	0.3	2.0
Agricultural foods, feeds & beverages, excluding distilled beverages.....	00	4.571	191.7	196.2	-4.4	-2.9	-2.1	0.6	2.3
Nonagricultural foods (fish, distilled beverages).....	01	1.287	140.7	142.0	1.3	-1.9	0.7	-0.4	0.9
<b>Industrial supplies &amp; materials</b> .....	1	25.910	197.3	200.3	14.8	1.3	-0.3	-1.5	1.5
Industrial supplies & materials excluding petroleum.....		14.983	157.0	156.2	4.1	0.2	-0.8	-0.9	-0.5
Industrial supplies & materials excluding fuels (Dec. 2001=100).....		14.286	179.5	178.7	4.3	0.2	-1.1	-0.9	-0.4
Industrial supplies & materials, durable....		9.062	170.2	168.9	2.9	0.3	-1.6	-1.4	-0.8
Industrial supplies & materials nondurable excluding petroleum.....		5.862	140.3	140.3	5.9	-0.1	0.4	-0.3	0.0
Fuels & lubricants.....	10	11.613	226.9	235.5	30.0	2.6	0.7	-2.2	3.8
Petroleum & petroleum products.....	100	10.986	250.7	261.1	32.1	2.8	0.5	-2.3	4.1
Crude.....	10000	7.860	262.5	278.0	39.7	2.0	0.6	-3.5	5.9
Fuels, n.e.s.-coals & gas.....	101	0.445	88.2	85.8	1.4	-1.6	8.0	-2.5	-2.7
Gas-natural.....	10110	0.299	69.3	66.5	-1.3	-5.4	21.2	-3.9	-4.0
Paper & paper base stocks.....	11	0.591	121.5	121.4	12.8	1.5	1.4	1.0	-0.1
Materials associated with nondurable supplies & materials.....	12	4.706	162.2	162.5	5.7	-0.2	-0.4	-0.2	0.2
Selected building materials.....	13	1.649	155.4	153.6	2.8	0.4	-2.0	-2.6	-1.2
Unfinished metals related to durable goods.....	14	3.864	234.1	230.9	2.1	0.6	-2.7	-2.0	-1.4
Finished metals related to durable goods.....	15	1.794	160.8	160.5	3.4	-0.7	-0.5	-1.1	-0.2
Nonmetals related to durable goods.....	16	1.694	114.4	114.7	4.4	0.8	0.5	0.6	0.3
<b>Capital goods</b> .....	2	26.497	89.3	89.3	0.0	-0.2	0.0	-0.1	0.0
Electric generating equipment.....	20	3.230	118.1	118.1	0.9	-0.3	0.1	0.1	0.0
Nonelectrical machinery.....	21	21.046	81.7	81.7	-0.1	-0.2	0.0	-0.2	0.0
Transportation equipment excluding motor vehicles (Dec. 2001=100).....	22	2.221	134.7	134.5	0.1	-0.1	-0.1	0.0	-0.1
<b>Automotive vehicles, parts &amp; engines</b> .....	3	15.701	110.4	110.4	0.1	-0.1	0.0	0.0	0.0
<b>Consumer goods, excluding automobiles</b> .....	4	26.034	107.6	107.5	0.6	-0.3	0.3	0.0	-0.1
Nondurables, manufactured.....	40	12.867	123.8	123.9	2.0	-0.1	0.9	0.0	0.1
Durables, manufactured.....	41	11.883	92.6	92.5	-0.6	-0.2	-0.2	-0.1	-0.1
Nonmanufactured consumer goods.....	42	-	114.9	-	-	-2.1	-1.0	1.0	-

<sup>1</sup> Relative importance figures are based on 2016 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 2017 to September 2018**  
 [2000=100, unless otherwise noted]

Description	End Use	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
			Aug. 2018	Sept. 2018	Annual	Monthly			
					Sept. 2017 to Sept. 2018	May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>All commodities.....</b>		100.000	127.2	127.2	2.7	0.2	-0.5	-0.2	0.0
<b>Agricultural commodities.....</b>		9.587	175.2	172.8	-2.3	-1.0	-5.2	0.3	-1.4
<b>All exports excluding food and fuels (Dec. 2010=100).....</b>		80.690	101.5	101.4	1.8	0.1	-0.2	-0.2	-0.1
<b>Nonagricultural commodities.....</b>		90.413	123.5	123.7	3.3	0.3	0.1	-0.2	0.2
<b>Foods, feeds, &amp; beverages.....</b>	0	8.986	177.1	174.6	-2.6	-1.0	-4.6	0.4	-1.4
Agricultural foods, feeds & beverages, excluding distilled beverages.....	00	8.349	175.1	172.3	-3.4	-0.9	-5.2	0.4	-1.6
Nonagricultural foods (fish, distilled beverages).....	01	0.637	215.9	218.4	8.2	-3.0	2.6	0.9	1.2
<b>Industrial supplies &amp; materials.....</b>	1	31.956	162.7	163.1	6.6	0.9	-0.2	-0.7	0.2
Industrial supplies & materials, durable....		10.215	163.2	162.2	-0.2	0.4	-1.2	-2.2	-0.6
Industrial supplies & materials, nondurable.....		21.742	162.8	163.8	10.2	1.1	0.3	0.0	0.6
Agricultural industrial supplies & materials.....	10	1.238	181.8	182.1	4.7	-2.2	-4.9	-0.4	0.2
<b>Nonagricultural industrial supplies &amp; materials.....</b>		30.719	162.2	162.5	6.7	0.9	0.0	-0.7	0.2
Fuels & lubricants.....	11	10.324	206.2	208.9	14.8	2.4	0.7	0.1	1.3
Nonagricultural supplies & materials excluding fuels & building materials....	12	19.380	159.3	158.8	3.0	0.3	-0.4	-1.1	-0.3
Selected building materials.....	13	1.015	123.7	123.1	1.3	0.4	0.2	-1.2	-0.5
<b>Capital goods.....</b>	2	36.540	110.0	110.1	1.9	0.1	0.1	0.1	0.1
Electrical generating equipment.....	20	3.917	118.0	117.8	4.1	0.4	-0.5	1.0	-0.2
Nonelectrical machinery.....	21	23.488	94.9	95.0	1.1	0.0	0.1	0.0	0.1
Transportation equipment excluding motor vehicles (Dec. 2001=100).....	22	9.135	176.6	176.8	3.3	0.1	0.1	0.0	0.1
<b>Automotive vehicles, parts &amp; engines.....</b>	3	10.055	114.1	114.2	0.7	-0.1	-0.1	0.0	0.1
<b>Consumer goods, excluding automotives.....</b>	4	12.462	109.8	109.8	0.5	-0.1	0.1	-0.1	0.0
Nondurables, manufactured.....	40	6.068	106.6	106.6	1.2	-0.5	0.1	0.1	0.0
Durables, manufactured.....	41	4.961	107.5	107.5	-0.3	0.3	0.0	-0.2	0.0

<sup>1</sup> Relative importance figures are based on 2016 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 2017 to September 2018**

[December 2005=100, unless otherwise noted]

Description	NAICS	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
			Aug. 2018	Sept. 2018	Annual	Monthly			
					Sept. 2017 to Sept. 2018	May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>Nonmanufacturing.....</b>		10.226	117.7	124.1	24.8	-0.2	0.3	-2.5	5.4
<b>Agriculture, forestry, fishing and hunting.....</b>	11	1.838	168.6	178.8	-8.9	-7.5	-4.1	2.2	6.0
Crop production.....	111	1.461	177.7	191.2	-10.7	-8.4	-5.1	2.5	7.6
Animal production (Dec. 2014=100).....	112	0.187	75.8	75.8	0.4	-4.2	-0.9	-0.3	0.0
<b>Mining.....</b>	21	8.388	113.3	119.4	35.8	1.7	1.2	-3.4	5.4
Oil and gas extraction.....	211	8.150	113.6	119.9	37.2	1.7	1.2	-3.5	5.5
<b>Manufacturing.....</b>		89.497	112.3	112.2	1.4	0.0	-0.1	-0.2	-0.1
<b>Manufacturing, part 1.....</b>	31	11.250	124.8	124.9	0.2	-0.2	-0.2	-0.1	0.1
Food manufacturing.....	311	3.355	155.1	155.3	-1.0	-1.3	-0.8	-0.2	0.1
Beverage and tobacco product manufacturing.....	312	1.098	121.9	121.8	2.1	0.2	0.1	0.1	-0.1
Textile mills (Dec. 2011=100).....	313	0.381	100.0	100.3	0.9	-0.3	0.2	0.0	0.3
Textile product mills.....	314	0.917	109.7	109.0	-0.3	-0.3	0.0	0.3	-0.6
Apparel manufacturing.....	315	3.833	111.6	111.8	0.5	0.3	-0.1	0.0	0.2
Leather and allied product manufacturing.....	316	1.666	123.5	123.4	0.7	0.1	0.1	0.0	-0.1
<b>Manufacturing, part 2.....</b>	32	18.598	129.5	129.4	6.2	0.9	0.3	0.1	-0.1
Wood product manufacturing.....	321	1.026	138.6	136.6	4.0	0.5	-2.9	-3.8	-1.4
Paper manufacturing.....	322	1.079	115.5	115.3	9.5	2.0	1.5	1.7	-0.2
Printing and related support activities (Dec. 2016=100).....	323	0.218	105.3	108.1	9.3	2.9	1.0	0.6	2.7
Petroleum and coal products manufacturing.....	324	2.865	105.0	104.6	16.1	5.6	-0.1	1.0	-0.4
Chemical manufacturing.....	325	10.232	141.8	142.0	5.0	-0.4	0.8	0.1	0.1
Plastics and rubber products manufacturing.....	326	2.188	119.6	119.5	0.9	-0.1	0.1	-0.1	-0.1
Nonmetallic mineral product manufacturing.....	327	0.989	131.2	131.2	2.3	0.5	0.2	-0.2	0.0
<b>Manufacturing, part 3.....</b>	33	59.650	104.5	104.4	0.2	-0.1	-0.3	-0.3	-0.1
Primary metal manufacturing.....	331	4.406	155.3	153.6	2.9	0.1	-2.4	-2.0	-1.1
Fabricated metal product manufacturing.....	332	3.091	127.8	127.8	2.2	-0.2	-0.2	-0.2	0.0
Machinery manufacturing.....	333	6.745	118.7	118.6	0.7	-0.3	0.0	0.1	-0.1
Computer and electronic product manufacturing.....	334	16.798	74.9	74.8	-1.2	-0.3	-0.1	-0.1	-0.1
Electrical equipment, appliance, and component manufacturing.....	335	4.891	116.2	116.0	0.7	-0.2	0.2	0.1	-0.2
Transportation equipment manufacturing.....	336	16.663	109.4	109.5	0.2	0.0	0.0	-0.1	0.1
Furniture and related product manufacturing.....	337	1.773	117.5	117.5	1.6	0.3	0.0	0.3	0.0
Miscellaneous manufacturing.....	339	5.284	118.3	118.0	0.1	-0.2	0.0	-0.4	-0.3

<sup>1</sup> Relative importance figures are based on 2016 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 2017 to September 2018**

[December 2005=100, unless otherwise noted]

Description	NAICS	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
			Aug. 2018	Sept. 2018	Annual	Monthly			
					Sept. 2017 to Sept. 2018	May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>Nonmanufacturing.....</b>		8.329	137.9	136.5	2.5	1.1	-5.6	1.2	-1.0
<b>Agriculture, forestry, fishing and hunting.....</b>	11	4.914	150.0	145.6	-3.4	-1.8	-8.7	1.6	-2.9
Crop production.....	111	4.547	156.2	151.1	-3.5	-1.7	-9.0	2.0	-3.3
<b>Mining.....</b>	21	3.415	94.2	95.8	11.7	5.9	-1.0	0.7	1.7
Mining (except oil and gas).....	212	1.102	109.3	107.9	1.2	-0.5	-0.8	-3.5	-1.3
<b>Manufacturing.....</b>		90.164	117.2	117.3	3.0	0.1	0.1	-0.2	0.1
<b>Manufacturing, part 1.....</b>	31	6.858	139.1	139.5	0.3	-0.2	-0.8	-0.7	0.3
Food manufacturing.....	311	4.661	156.2	156.2	-1.1	-0.3	-0.7	-0.8	0.0
Beverage and tobacco product manufacturing.....	312	0.679	118.6	120.7	5.0	-1.2	-3.6	-1.8	1.8
Textile mills (Dec. 2016=100).....	313	0.647	105.8	105.4	4.3	1.1	0.5	0.4	-0.4
Leather and allied product manufacturing (Dec. 2016=100).....	316	0.259	94.0	94.2	-2.2	-0.8	-0.6	-0.3	0.2
<b>Manufacturing, part 2.....</b>	32	25.808	119.5	119.8	7.5	0.2	0.6	-0.2	0.3
Wood product manufacturing (Dec. 2017=100).....	321	0.538	103.5	102.7	-	0.2	-0.5	-0.6	-0.8
Paper manufacturing.....	322	1.712	131.8	131.6	8.3	0.2	0.8	-0.2	-0.2
Petroleum and coal products manufacturing.....	324	6.918	122.6	123.9	16.4	0.3	1.6	-0.8	1.1
Chemical manufacturing.....	325	13.332	120.0	120.0	4.7	-0.1	0.3	0.1	0.0
Plastics and rubber products manufacturing.....	326	2.237	116.1	115.9	1.3	1.0	-0.2	0.1	-0.2
Nonmetallic mineral product manufacturing.....	327	0.827	116.7	117.0	2.4	-0.1	-0.1	-0.1	0.3
<b>Manufacturing, part 3.....</b>	33	57.498	114.0	114.0	1.4	0.1	-0.1	-0.1	0.0
Primary metal manufacturing.....	331	3.821	141.8	141.7	-0.4	0.3	-2.0	-2.1	-0.1
Fabricated metal product manufacturing..	332	3.040	140.9	141.0	2.1	0.1	0.4	-0.1	0.1
Machinery manufacturing.....	333	8.959	127.7	127.6	1.4	0.1	0.1	0.3	-0.1
Computer and electronic product manufacturing.....	334	13.958	83.3	83.4	0.8	-0.1	0.1	-0.1	0.1
Electrical equipment, appliance, and component manufacturing.....	335	3.868	118.4	118.4	4.2	0.5	-0.3	0.6	0.0
Transportation equipment manufacturing..	336	18.099	127.0	127.1	1.9	0.1	0.0	0.0	0.1
Furniture and related product manufacturing (Dec. 2011=100).....	337	0.404	120.7	120.7	2.7	0.3	1.4	0.0	0.0
Miscellaneous manufacturing.....	339	5.349	120.5	120.3	0.8	0.4	0.0	0.0	-0.2

<sup>1</sup> Relative importance figures are based on 2016 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 2017 to September 2018**

[2000=100, unless otherwise noted]

Description	Harmonized system	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
			Aug. 2018	Sept. 2018	Annual	Monthly			
					Sept. 2017 to Sept. 2018	May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>Live animals; animal products.....</b>	I	1.353	192.5	192.1	0.3	-2.7	0.2	-0.1	-0.2
Meat and edible meat offal.....	02	0.366	244.3	237.8	-3.5	-1.4	-0.8	-0.9	-2.7
Fish and crustaceans, molluscs and other aquatic invertebrates.....	03	0.689	138.3	141.4	1.5	-3.9	0.6	-0.8	2.2
<b>Vegetable products.....</b>	II	1.804	197.6	211.4	-10.1	-7.6	-4.8	3.0	7.0
Edible vegetables, roots, and tubers.....	07	0.352	362.6	384.1	-18.0	-15.9	1.5	0.0	5.9
Edible fruit and nuts; peel of citrus fruit or melons.....	08	0.770	118.0	135.3	-11.0	-5.8	-9.2	4.8	14.7
Coffee, tea, mate and spices.....	09	0.328	209.6	203.2	-11.4	-1.7	-1.0	-0.8	-3.1
<b>Animal or vegetable fats and oils (Dec. 2009=100).....</b>	III	0.254	97.1	96.7	-18.3	-4.5	-1.3	-1.8	-0.4
<b>Prepared foodstuffs, beverages, and tobacco.....</b>	IV	2.781	165.7	165.9	2.1	-0.4	-0.6	-0.2	0.1
Sugars and sugar confectionary (Dec. 2012=100).....	17	0.193	87.3	87.9	2.1	-0.2	-0.2	-0.5	0.7
Cocoa and cocoa preparations (Dec. 2009=100).....	18	0.200	96.5	97.7	2.8	-2.7	-1.2	-3.2	1.2
Preparations of vegetables, fruit, nuts, or other parts of plants.....	20	0.371	173.0	174.6	2.6	0.7	0.3	0.7	0.9
Miscellaneous edible preparations (Dec. 2017=100).....	21	0.207	103.3	102.3	-	0.1	1.1	0.1	-1.0
Beverages, spirits, and vinegar.....	22	1.039	132.0	132.0	2.4	0.2	0.1	0.0	0.0
<b>Mineral products.....</b>	V	11.434	227.2	235.9	30.5	2.7	0.9	-2.3	3.8
Mineral fuels, oils and residuals, bituminous substances and mineral waxes.....	27	11.171	225.0	233.7	31.1	2.8	0.7	-2.3	3.9
<b>Products of the chemical or allied industries.....</b>	VI	9.564	159.6	160.0	5.6	-0.3	0.9	-0.1	0.3
Inorganic chemicals.....	28	0.619	315.6	328.9	26.3	1.1	0.5	-0.3	4.2
Organic chemicals.....	29	2.432	133.7	134.1	7.5	-0.1	0.3	-0.2	0.3
Pharmaceutical products.....	30	4.503	153.9	153.8	3.7	-0.6	1.5	0.0	-0.1
Fertilizers (Dec. 2009=100).....	31	0.268	83.8	82.8	14.8	0.2	0.1	2.2	-1.2
Tanning extracts; dye, pigments, varnish, paints & putty (Dec. 2011=100).....	32	0.183	107.8	106.2	-0.4	0.7	1.0	-1.2	-1.5
Essential oils and resinoids (Dec. 2016=100).....	33	0.571	102.3	102.1	-0.2	-0.6	-0.6	0.0	-0.2
Miscellaneous chemical products.....	38	0.634	106.9	106.8	1.6	0.0	0.2	-0.4	-0.1
<b>Plastics and articles thereof; rubber and articles thereof.....</b>	VII	3.404	141.6	141.3	0.8	0.4	-0.1	0.3	-0.2
Plastics and articles thereof.....	39	2.246	145.0	144.8	1.8	0.7	0.1	0.4	-0.1
Rubber and articles thereof.....	40	1.158	137.1	136.7	-0.9	-0.3	-0.6	0.1	-0.3
<b>Raw hides, skins, leather, furskins, travel goods, etc.....</b>	VIII	0.635	125.8	125.1	0.8	-0.1	-0.1	0.1	-0.6
Articles of leather; travel goods, bags, etc. of various materials.....	42	0.601	131.5	131.0	1.2	0.0	0.0	0.0	-0.4
<b>Wood, wood charcoal, cork, straw, basketware and wickerwork.....</b>	IX	1.058	168.7	166.4	4.0	0.4	-2.8	-3.7	-1.4
Wood and articles of wood; wood charcoal (Dec. 2014=100).....	44	1.035	116.5	114.9	4.1	0.4	-2.9	-3.8	-1.4
<b>Woodpulp, recovered paper, and paper products.....</b>	X	1.129	120.9	121.2	9.9	1.6	1.8	0.8	0.2
Paper and paperboard; articles of paper pulp, paper or paperboard.....	48	0.741	111.5	111.0	7.9	1.1	2.2	0.7	-0.4

See footnotes at end of table.

**Table 5. U.S. import price indexes and percent changes for selected categories of goods: September 2017 to September 2018 — Continued**  
 [2000=100, unless otherwise noted]

Description	Harmoni- zied system	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
			Aug. 2018	Sept. 2018	Annual	Monthly			
					Sept. 2017 to Sept. 2018	May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
Printed matter (Dec. 2015=100).....	49	0.215	111.8	113.7	8.6	3.5	0.9	0.4	1.7
<b>Textile and textile articles.....</b>	XI	4.979	114.3	114.4	0.8	0.0	0.0	0.0	0.1
Articles of apparel and clothing accessories, knitted or crocheted.....	61	1.994	103.9	104.1	0.2	0.3	-0.2	-0.2	0.2
Articles of apparel and clothing accessories, not knitted or crocheted.....	62	1.697	120.1	120.4	1.2	0.3	0.1	0.2	0.2
Made-up or worn textile articles.....	63	0.637	104.3	104.1	0.2	-0.3	0.0	0.4	-0.2
<b>Headgear, umbrellas, artificial flowers, etc.....</b>	XII	1.376	122.5	122.4	0.6	0.2	0.2	0.0	-0.1
Footwear and parts of such articles.....	64	1.151	121.3	121.2	0.3	0.2	0.1	0.1	-0.1
<b>Stone, plaster, cement, asbestos, ceramics, glass etc.....</b>	XIII	0.922	131.9	132.1	1.1	0.1	-0.1	-0.2	0.2
Articles of stone, plaster, cement, asbestos, or mica (Dec. 2015=100).....	68	0.332	99.7	99.8	3.2	0.7	0.0	-0.7	0.1
Ceramic products.....	69	0.255	135.1	135.2	-0.5	-0.1	0.0	0.0	0.1
Glass and glassware.....	70	0.335	131.8	131.9	0.5	-0.5	0.0	0.2	0.1
<b>Pearls, stones, precious metals, imitation jewelry, and coins.....</b>	XIV	2.962	168.5	166.5	-4.8	0.2	-1.7	-1.6	-1.2
<b>Base metals and articles of base metals. ...</b>	XV	5.602	181.2	179.9	4.2	0.2	-1.1	-1.1	-0.7
Iron and steel.....	72	1.363	231.2	231.4	15.4	0.0	0.8	-0.9	0.1
Articles of iron or steel.....	73	1.602	152.6	152.2	3.5	0.1	-0.2	-0.1	-0.3
Copper and articles thereof.....	74	0.386	279.7	270.9	-9.9	-0.9	-7.1	-4.7	-3.1
Aluminum and articles thereof.....	76	0.944	139.4	138.1	4.0	0.0	-1.8	-1.4	-0.9
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof.....	82	0.416	122.9	123.3	0.3	-0.2	0.0	0.0	0.3
Miscellaneous articles of base metal.....	83	0.513	137.2	137.0	-0.4	-0.5	0.2	0.0	-0.1
<b>Machinery, electrical equipment, TV image and sound recorders, parts, etc.....</b>	XVI	28.639	80.4	80.4	-0.2	-0.2	-0.1	0.0	0.0
Machinery and mechanical appliances; parts thereof.....	84	14.044	86.8	86.8	0.5	-0.1	0.0	-0.1	0.0
Electrical machinery and equip, sound and TV recorders & reproducers, parts.....	85	14.595	74.4	74.4	-1.1	-0.3	-0.3	0.0	0.0
<b>Vehicles, aircraft, vessels and associated transport equipment.....</b>	XVII	13.900	114.2	114.2	0.3	0.0	0.0	-0.1	0.0
Motor vehicles and their parts.....	87	12.710	113.3	113.3	0.4	0.0	0.1	-0.1	0.0
Aircraft, spacecraft, and parts thereof (Dec. 2002=100).....	88	1.100	115.3	114.9	-0.5	0.1	-0.2	-0.1	-0.3
<b>Optical, photo, measuring, medical &amp; musical instruments; &amp; timepieces.....</b>	XVIII	3.818	102.3	102.2	0.2	-0.5	0.0	-0.2	-0.1
Optical, photographic, measuring and medical instruments.....	90	3.532	98.8	98.8	0.2	-0.4	-0.1	-0.2	0.0
Clocks and watches and parts thereof.....	91	0.226	141.8	142.4	-1.0	-1.5	0.4	-0.3	0.4
<b>Miscellaneous manufactured articles.....</b>	XX	4.298	112.7	112.8	1.5	0.2	0.1	0.3	0.1
Furniture & stuffed furnishings; lamps & lighting fittings, nesoi; prefab bldgs.....	94	2.707	118.5	118.5	1.4	0.2	0.1	0.3	0.0
Toys, games and sports equipment; parts and accessories thereof.....	95	1.308	103.0	103.3	2.0	0.1	0.0	0.3	0.3
Miscellaneous manufactured articles.....	96	0.282	129.5	129.5	-0.2	0.5	0.3	-0.1	0.0

<sup>1</sup> Relative importance figures are based on 2016 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 2017 to September 2018**

[2000=100, unless otherwise noted]

Description	Harmoni- zied system	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
			Aug. 2018	Sept. 2018	Annual	Monthly			
					Sept. 2017 to Sept. 2018	May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>Live animals; animal products.....</b>	I	1.925	207.9	208.5	0.0	-0.6	0.9	-1.0	0.3
Meat & edible meat offal (Dec. 2006=100)...	02	1.147	162.5	161.1	-3.3	-0.9	0.6	-1.9	-0.9
Fish and crustaceans, mollusks and aquatic invertebrates (Dec. 2016=100).....	03	0.421	119.4	120.6	9.5	-3.4	3.9	0.6	1.0
Dairy products, eggs and honey (Dec. 2017=100).....	04	0.282	103.0	107.5	-	4.4	-1.6	0.9	4.4
<b>Vegetable products.....</b>	II	4.540	188.3	183.6	-3.8	-1.4	-8.9	1.6	-2.5
Edible fruit and nuts; peel of citrus fruit or melons.....	08	0.813	131.1	130.7	-7.9	2.1	-5.3	-2.9	-0.3
Cereals.....	10	1.452	196.8	190.8	9.6	-2.6	-7.7	5.0	-3.0
Oilseeds and misc. grains, seeds, fruits, plants, straw and fodder.....	12	1.806	191.9	178.7	-10.6	-2.2	-11.7	2.4	-6.9
<b>Prepared foodstuffs, beverages, and tobacco.....</b>	IV	3.044	150.4	149.8	0.2	-0.7	-1.6	-0.3	-0.4
Preparations of vegetables, fruit, nuts or other parts of plants (Dec. 2009=100)....	20	0.343	116.8	116.2	-0.3	-0.5	-0.5	0.1	-0.5
Miscellaneous edible preparations (Dec. 2017=100).....	21	0.567	97.5	97.8	-	0.2	-1.5	1.7	0.3
Beverages, spirits, and vinegar (Dec. 2008=100).....	22	0.525	108.0	103.2	-8.3	-0.3	-0.6	-1.5	-4.4
Residues and waste from the food industries; prepared animal feed.....	23	0.716	213.3	215.8	11.2	-2.3	-4.3	-2.2	1.2
<b>Mineral products.....</b>	V	10.671	246.7	249.9	15.1	2.3	0.7	-0.3	1.3
Ores, slag and ash (Dec. 2012=100).....	26	0.492	97.7	94.7	-6.6	-1.7	-2.6	-7.2	-3.1
Mineral fuels, oils and residuals, bituminous substances and mineral waxes.....	27	9.999	239.1	242.7	16.6	2.6	0.8	0.1	1.5
<b>Products of the chemical or allied industries.....</b>	VI	10.767	139.1	139.3	3.3	-0.1	0.1	-0.1	0.1
Inorganic chemicals.....	28	0.678	152.8	151.7	-3.4	0.0	-5.5	-3.2	-0.7
Organic chemicals.....	29	2.590	147.4	148.4	9.3	0.8	1.0	0.0	0.7
Pharmaceutical products.....	30	3.194	106.7	106.6	1.1	-0.8	0.1	-0.1	-0.1
Fertilizers (Dec. 2016=100).....	31	0.262	122.9	127.9	22.3	-1.8	0.5	1.6	4.1
Tanning or dyeing extracts, dyes, paints varnish, putty, & inks (Dec. 2015=100)....	32	0.532	102.5	102.4	3.0	-0.3	0.2	-0.1	-0.1
Essential oils and resinoids; perfumery cosmetic or toilet preparations.....	33	0.809	130.9	130.9	-1.2	0.4	-0.2	0.1	0.0
Soap; lubricants; waxes, polishing or scouring products; candles, pastes.....	34	0.492	119.9	119.8	-7.1	0.1	-0.2	0.5	-0.1
Miscellaneous chemical products.....	38	1.822	153.8	153.9	6.7	-0.1	0.8	0.0	0.1
<b>Plastics and articles thereof; rubber and articles thereof.....</b>	VII	5.210	145.4	145.4	5.4	0.4	0.3	0.0	0.0
Plastics and articles thereof.....	39	4.321	141.9	141.8	5.8	0.4	0.4	-0.1	-0.1
Rubber and articles thereof.....	40	0.889	159.5	159.4	3.7	0.4	-0.6	0.6	-0.1
<b>Wood, wood charcoal, cork, straw, baskets and wickerwork (Dec. 2014=100).....</b>	IX	0.671	104.4	102.9	2.1	0.2	-0.5	-2.0	-1.4
<b>Woodpulp, recovered paper, and paper products.....</b>	X	2.107	134.7	132.8	5.4	0.8	1.1	-0.4	-1.4
Woodpulp and recovered paper.....	47	0.663	144.5	138.8	3.8	2.2	2.7	-1.7	-3.9
Paper and paperboard; articles of paper pulp, paper or paperboard.....	48	1.108	129.9	129.6	6.0	-0.2	0.6	0.1	-0.2
Printed material (Dec. 2014=100).....	49	0.336	108.1	107.9	6.3	0.8	-0.3	0.0	-0.2
<b>Textile and textile articles.....</b>	XI	1.698	126.1	126.1	5.3	-0.7	-1.0	1.1	0.0

See footnotes at end of table.

**Table 6. U.S. export price indexes and percent changes for selected categories of goods: September 2017 to September 2018 — Continued**  
 [2000=100, unless otherwise noted]

Description	Harmonized system	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
			Aug. 2018	Sept. 2018	Annual	Monthly			
					Sept. 2017 to Sept. 2018	May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
Cotton, including yarns and woven fabrics thereof.....	52	0.472	140.2	135.0	8.0	-2.6	-3.2	2.3	-3.7
<b>Stone, plaster, cement, asbestos, ceramics, glass etc.....</b>	XIII	0.802	124.0	124.2	0.7	0.0	-0.1	-0.1	0.2
Articles of stone, plaster, cement, asbestos, or mica (Dec. 2015=100).....	68	0.269	102.1	102.6	1.3	-0.1	0.0	0.0	0.5
Glass and glassware.....	70	0.409	99.2	99.2	0.5	0.0	0.0	-0.1	0.0
<b>Pearls, stones, precious metals, imitation jewelry, and coins.....</b>	XIV	3.955	232.0	230.4	-4.2	0.2	-1.5	-1.3	-0.7
<b>Base metals and articles of base metals. . .</b>	XV	4.886	160.2	159.9	1.8	0.5	-0.7	-2.3	-0.2
Iron and steel.....	72	1.095	176.6	179.8	6.5	0.3	-0.1	-3.2	1.8
Copper and articles thereof.....	74	0.525	185.9	178.8	-5.3	4.2	-4.6	-5.2	-3.8
Aluminum and articles thereof.....	76	0.913	114.0	112.4	-2.9	-0.1	-2.7	-5.3	-1.4
Tools, implements, cutlery, spoons and forks, of base metal (Dec. 2015=100). . . .	82	0.314	100.0	100.0	0.5	0.0	0.1	0.0	0.0
Miscellaneous articles of base metal.....	83	0.343	153.0	153.0	3.2	0.3	0.1	0.0	0.0
<b>Machinery, electrical equipment, TV image and sound recorders, parts, etc.....</b>	XVI	27.525	97.7	97.7	1.6	0.1	0.0	0.1	0.0
Machinery and mechanical appliances; parts thereof.....	84	15.782	115.1	115.2	1.2	0.1	0.1	-0.1	0.1
Electrical machinery and equipment and parts and accessories thereof.....	85	11.743	78.9	78.9	2.1	0.1	0.0	0.3	0.0
<b>Vehicles, aircraft, vessels and associated transport equipment.....</b>	XVII	14.272	135.4	135.6	1.8	0.0	0.1	0.1	0.1
Motor vehicles and their parts.....	87	8.269	116.3	116.4	0.9	-0.1	0.0	0.0	0.1
<b>Optical, photo, measuring, medical &amp; musical instruments; &amp; timepieces.....</b>	XVIII	5.952	109.6	109.5	2.5	0.1	0.0	0.1	-0.1
<b>Miscellaneous manufactured articles.....</b>	XX	1.397	112.8	112.8	0.5	0.0	0.5	0.1	0.0
Furniture; stuffed furnishings; lamps and lighting fittings nesoi;.....	94	0.819	130.0	130.0	1.4	0.1	1.1	0.0	0.0
Toys, games and sports equipment; parts and accessories thereof.....	95	0.416	87.6	87.6	-1.2	-0.1	0.0	0.2	0.0

<sup>1</sup> Relative importance figures are based on 2016 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 2017 to September 2018**

[2000=100, unless otherwise noted]

Description	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
		Aug. 2018	Sept. 2018	Annual Sept. 2017 to Sept. 2018	Monthly			
					May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>Industrialized Countries<sup>2</sup></b> .....	100.000	125.7	125.8	4.4	-0.2	0.1	-0.2	0.1
Nonmanufacturing.....	9.561	169.2	176.3	28.3	-0.9	2.5	-0.6	4.2
Manufacturing.....	89.932	121.6	121.3	2.3	-0.2	-0.2	-0.2	-0.2
<b>Canada</b> .....	100.000	136.7	137.7	9.5	0.2	-0.1	-0.6	0.7
Nonmanufacturing.....	25.356	161.8	168.9	29.1	-1.1	2.7	-0.5	4.4
Manufacturing.....	73.802	133.6	132.9	3.6	0.7	-1.0	-0.5	-0.5
<b>European Union</b> .....	100.000	137.2	136.9	2.2	-0.3	0.0	-0.1	-0.2
Manufacturing.....	98.982	133.7	133.5	2.2	-0.3	0.0	0.0	-0.1
<b>France (Dec. 2003=100)</b> .....	100.000	128.6	128.4	2.4	-0.3	-0.1	0.0	-0.2
<b>Germany (Dec. 2003=100)</b> .....	100.000	111.9	111.9	-2.8	-0.3	-0.2	0.0	0.0
<b>United Kingdom (Dec. 2003=100)</b> .....	100.000	121.6	121.5	2.7	0.3	-0.4	-0.4	-0.1
<b>Latin America<sup>3</sup></b> .....	100.000	150.8	152.8	4.5	-0.5	0.1	-0.7	1.3
Nonmanufacturing.....	19.294	271.2	290.1	18.6	-1.4	0.8	-1.9	7.0
Manufacturing.....	80.434	122.3	122.2	1.4	-0.2	-0.1	-0.4	-0.1
<b>Mexico (Dec. 2003=100)</b> .....	100.000	128.6	129.8	0.5	-0.2	-0.4	0.1	0.9
Nonmanufacturing (Dec. 2008=100).....	9.290	141.8	157.9	8.2	-1.9	2.2	1.1	11.4
Manufacturing (Dec. 2008=100).....	90.457	88.2	88.1	-0.2	0.0	-0.6	-0.1	-0.1
<b>Pacific Rim (Dec. 2003=100)<sup>4</sup></b> .....	100.000	99.1	99.0	0.6	0.0	-0.1	-0.2	-0.1
<b>China (Dec. 2003=100)</b> .....	100.000	100.3	100.2	0.4	0.0	-0.1	-0.1	-0.1
<b>Japan</b> .....	100.000	96.7	96.5	0.7	-0.1	0.2	0.0	-0.2
<b>Asian NICs<sup>5</sup></b> .....	100.000	88.9	88.6	1.5	-0.2	-0.2	-0.4	-0.3
<b>ASEAN (Dec. 2003=100)<sup>6</sup></b> .....	100.000	98.7	98.6	0.5	-0.2	-0.1	-0.1	-0.1
<b>Asia Near East (Dec. 2003=100)<sup>7</sup></b> .....	100.000	192.5	200.6	29.9	2.6	0.1	0.2	4.2

<sup>1</sup> Relative importance figures are based on 2016 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: September 2017 to September 2018**

[December 2017=100, unless otherwise noted]

Description	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
		Aug. 2018	Sept. 2018	Annual Sept. 2017 to Sept. 2018	Monthly			
					May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>Industrialized Countries<sup>2</sup></b> .....	100.000	102.3	102.5	–	-0.2	0.0	-0.1	0.2
Nonmanufacturing.....	6.475	98.9	100.7	–	-2.2	2.7	0.5	1.8
Manufacturing.....	92.306	102.6	102.7	–	0.0	-0.2	-0.1	0.1
<b>Canada</b> .....	100.000	104.0	104.4	–	0.2	-0.1	0.2	0.4
<b>European Union</b> .....	100.000	103.2	103.2	–	-0.1	-0.1	-0.1	0.0
Nonmanufacturing.....	4.847	100.4	99.7	–	0.1	-3.3	0.4	-0.7
Manufacturing.....	94.155	103.4	103.4	–	-0.2	0.2	-0.2	0.0
<b>Germany</b> .....	100.000	101.2	100.8	–	-0.4	-0.2	-0.4	-0.4
<b>Latin America<sup>3</sup></b> .....	100.000	103.8	104.0	–	0.3	0.1	0.1	0.2
Nonmanufacturing.....	6.455	105.7	104.4	–	0.4	-2.8	2.3	-1.2
Manufacturing.....	93.203	103.7	104.0	–	0.4	0.2	0.0	0.3
<b>Mexico</b> .....	100.000	102.8	102.7	–	0.3	0.1	0.1	-0.1
Nonmanufacturing.....	6.226	104.0	103.1	–	0.1	-2.3	1.5	-0.9
Manufacturing.....	93.375	102.7	102.7	–	0.4	0.2	0.0	0.0
<b>Pacific Rim<sup>4</sup></b> .....	100.000	100.3	99.6	–	-0.3	-1.0	-0.5	-0.7
Nonmanufacturing.....	11.885	96.0	90.6	–	-2.9	-7.1	0.2	-5.6
Manufacturing.....	85.655	100.9	101.1	–	0.0	-0.2	-0.4	0.2
<b>China</b> .....	100.000	99.8	98.1	–	-0.6	-2.2	-0.2	-1.7
Nonmanufacturing.....	18.579	95.3	89.2	–	-2.2	-9.9	1.8	-6.4
Manufacturing.....	76.943	100.8	100.5	–	-0.3	-0.5	-0.2	-0.3
<b>Japan</b> .....	100.000	100.1	99.6	–	-0.3	-1.2	-0.3	-0.5
Nonmanufacturing.....	14.416	95.5	92.2	–	-2.1	-7.4	-1.4	-3.5
Manufacturing.....	84.662	100.9	101.0	–	0.1	0.0	-0.1	0.1

<sup>1</sup> Relative importance figures are based on 2016 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: September 2017 to September 2018<sup>1</sup>**  
 [December 2017=100, unless otherwise noted]

Description	Index		Percent change				
	Aug. 2018	Sept. 2018	Annual	Monthly			
			Sept. 2017 to Sept. 2018	May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>Industrialized Countries<sup>2</sup></b> .....	99.6	99.7	–	0.1	-0.1	0.1	0.1
<b>Canada</b> .....	100.0	99.6	–	-0.1	0.1	0.8	-0.4
<b>European Union</b> .....	101.2	101.5	–	0.2	-0.1	-0.1	0.3
<b>Germany</b> .....	104.1	103.7	–	-0.2	0.0	-0.4	-0.4
<b>Latin America<sup>3</sup></b> .....	102.5	101.3	–	0.7	0.1	0.8	-1.2
<b>Mexico</b> .....	103.1	102.1	–	0.5	0.5	0.0	-1.0
<b>Pacific Rim<sup>4</sup></b> .....	99.6	99.0	–	-0.3	-0.9	-0.3	-0.6
<b>China</b> .....	99.6	98.0	–	-0.6	-2.1	-0.1	-1.6
<b>Japan</b> .....	98.9	98.6	–	-0.2	-1.3	-0.3	-0.3

<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: September 2017 to September 2018**

[2000=100, unless otherwise noted]

Description	Relative importance Aug. 2018 <sup>1</sup>	Index		Percent change				
		Aug. 2018	Sept. 2018	Annual Sept. 2017 to Sept. 2018	Monthly			
					May 2018 to June 2018	June 2018 to July 2018	July 2018 to Aug. 2018	Aug. 2018 to Sept. 2018
<b>Air Freight</b>								
<b>Import Air Freight</b> .....	100.000	187.4	188.9	3.3	-1.1	-2.4	-0.4	0.8
Europe (Dec. 2003=100).....	23.848	147.3	145.7	-1.4	-3.5	-0.8	-0.3	-1.1
Asia.....	63.898	181.1	184.3	5.0	-0.3	-3.3	-0.5	1.8
<b>Export Air Freight</b> .....	100.000	162.9	163.7	3.4	0.0	-0.1	-0.6	0.5
Europe (Dec. 2006=100).....	33.000	148.1	149.1	0.8	0.8	-0.4	-0.2	0.7
<b>Inbound Air Freight</b> .....	100.000	171.2	173.2	4.1	-0.2	-2.1	-0.3	1.2
Europe (Dec. 2003=100).....	25.685	135.7	135.6	-0.7	-2.2	-0.2	-0.7	-0.1
Asia.....	59.164	162.2	165.5	3.8	0.5	-2.9	-0.2	2.0
<b>Outbound Air Freight</b> .....	100.000	148.7	144.8	4.2	-0.4	3.4	3.0	-2.6
Europe (Dec. 2003=100).....	31.946	148.1	149.1	3.7	0.2	-0.7	0.1	0.7
Asia.....	45.793	152.7	142.4	6.5	-0.6	8.4	7.4	-6.7
<b>Air Passenger Fares</b>								
<b>Import Air Passenger Fares</b> .....	100.000	163.5	181.0	5.7	7.3	-5.8	-8.8	10.7
Europe.....	39.902	175.8	211.5	9.6	7.9	-8.5	-12.2	20.3
Asia.....	24.970	133.1	132.3	-2.1	12.6	-7.9	-8.0	-0.6
Latin America/Caribbean.....	10.253	157.5	148.8	-2.6	4.6	2.3	-4.2	-5.5
<b>Export Air Passenger Fares</b> .....	100.000	155.6	151.2	2.4	5.0	1.6	-3.7	-2.8
Europe.....	28.173	189.4	198.5	-3.8	6.4	0.3	-11.1	4.8
Asia.....	28.593	145.2	134.9	13.5	7.0	4.4	2.0	-7.1
Latin America/Caribbean.....	23.916	162.1	153.2	-5.8	4.0	0.9	-1.5	-5.5

<sup>1</sup> Relative importance figures are based on 2016 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).

Information from this release will be made available to sensory impaired individuals upon request. Voice phone: (202)-691-5200; Federal Relay Service: 1-(800)-877-8339.