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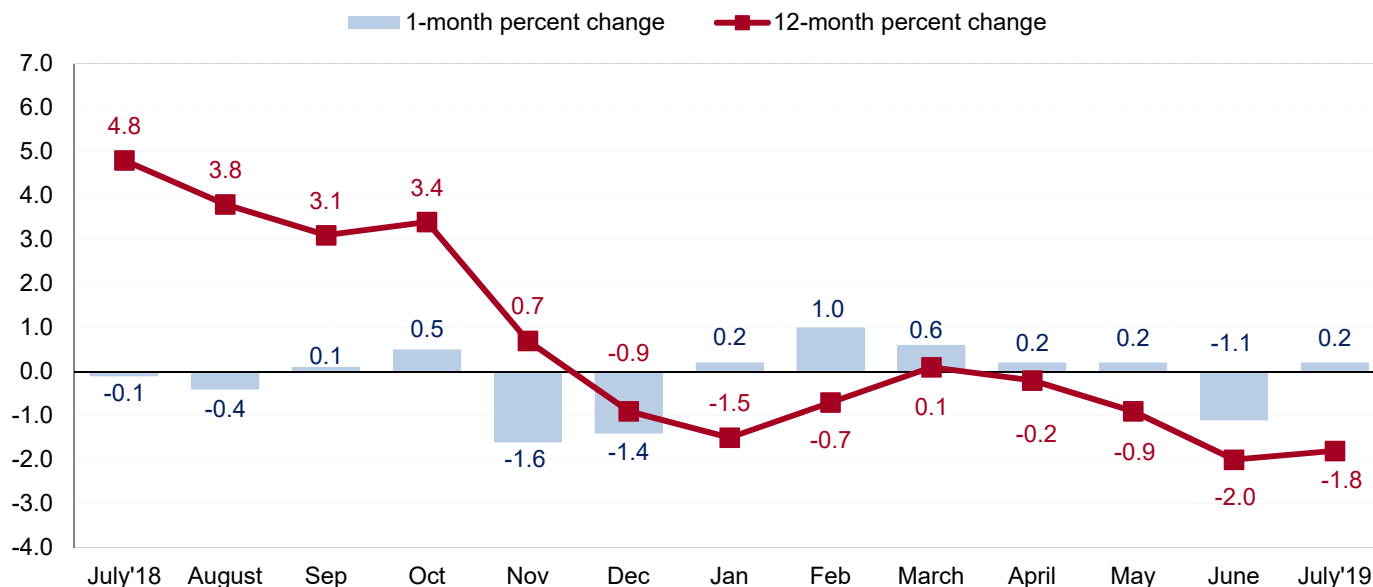
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### U.S. IMPORT AND EXPORT PRICE INDEXES – JULY 2019

Prices for U.S. imports increased 0.2 percent in July, the U.S. Bureau of Labor Statistics reported today, following a 1.1-percent decline the previous month. In July, rising fuel prices more than offset lower nonfuel prices. The price index for U.S. exports advanced 0.2 percent in July, after falling 0.6 percent in June and 0.3 percent in May.

Chart 1. One-month and 12-month percent changes in the Import Price Index: July 2018 – July 2019



#### Imports

The price index for U.S. imports rose 0.2 percent in July, after a decrease of 1.1 percent the previous month. Prior to June, prices for U.S. imports advanced in each of the first 5 months of 2019. Despite the increases, import prices declined 1.8 percent over the past year. (See table 1.)

**Fuel Imports:** Prices for import fuel advanced 1.8 percent in July following a 7.3-percent drop in June. Import fuel prices previously increased 30.1 percent for the first 5 months of 2019. In July, higher petroleum prices more than offset lower natural gas prices. The price index for import petroleum rose 1.9 percent, after decreasing 7.0 percent the previous month. Overall fuel prices and petroleum prices both fell over the past year, declining 5.5 percent and 5.9 percent, respectively. Natural gas prices fell 1.4 percent in July, after declining 59.6 percent the previous 3 months. The recent decreases drove natural gas prices down 22.1 percent over the past 12 months.

**All Imports Excluding Fuel:** The price index for nonfuel imports edged down 0.1 percent in July following 0.3-percent decreases in each of the previous 2 months. The July decline was driven by lower prices for automotive vehicles; foods, feeds, and beverages; and capital goods. Those decreases were partially offset by rising prices for consumer goods and nonfuel industrial supplies and materials. Prices for nonfuel imports fell 1.3 percent from July 2018 to July 2019, led by declining prices for industrial supplies and materials and capital goods.

*Nonfuel Industrial Supplies and Materials:* Nonfuel industrial supplies and materials prices rose 0.2 percent in July, after declining 0.7 percent the previous month. In July, a 1.0-percent increase in unfinished metals prices more than offset lower prices for chemicals and paper.

*Finished Goods:* Finished goods prices were mixed in July. Consumer goods prices rose 0.2 percent, the first monthly advance since the index increased 0.3 percent in February. The July advance was driven by a 1.0-percent rise in the price index for medicinal, dental, and pharmaceutical materials. In contrast, automotive vehicle prices and prices for capital goods both fell in July. Automotive vehicle prices declined 0.3 percent, after recording no change in June and May; prices for capital goods edged down 0.1 percent following a 0.2-percent drop in June.

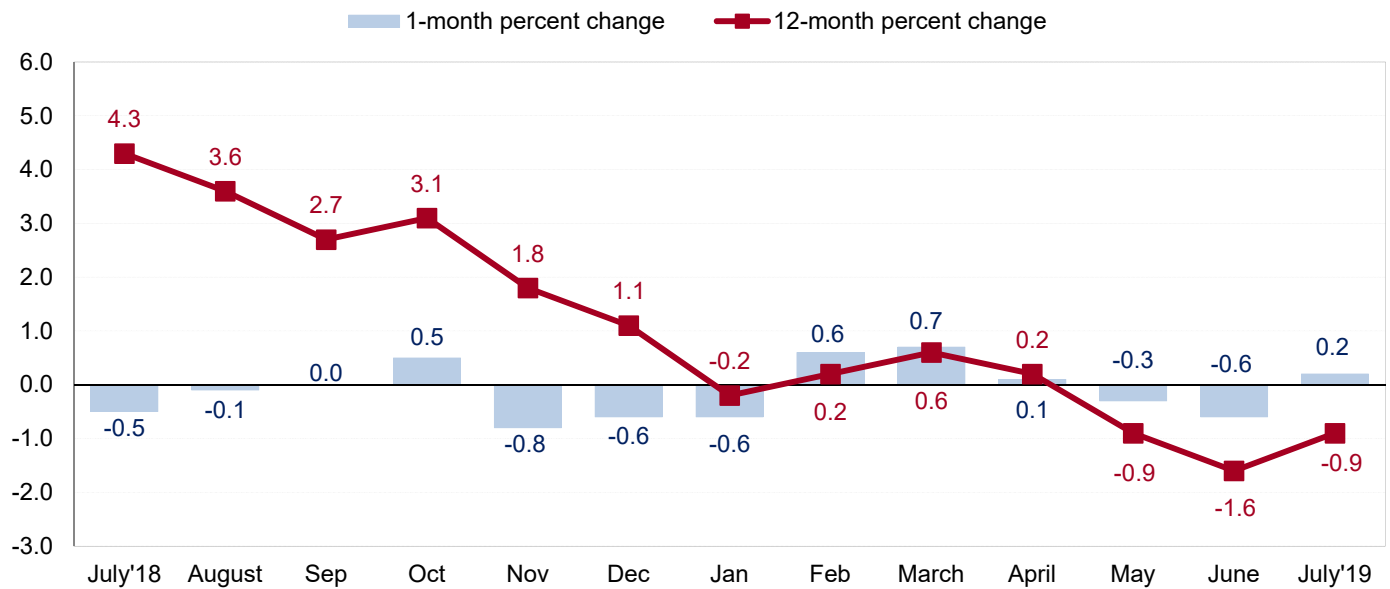
*Foods, Feeds, and Beverages:* Prices for import foods, feeds, and beverages fell 0.5 percent in July, after decreasing 1.4 percent in June. The July decline was driven by a 5.8-percent drop in vegetable prices.

**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>2018</b>						
July.....	-0.1	0.8	-0.2	-0.5	-5.2	0.1
August.....	-0.4	-2.1	-0.2	-0.1	0.4	-0.2
September.....	0.1	0.0	0.0	0.0	-1.3	0.2
October.....	0.5	3.3	0.1	0.5	-0.1	0.5
November.....	-1.6	-12.2	-0.2	-0.8	1.7	-1.0
December.....	-1.4	-13.3	0.0	-0.6	3.8	-1.1
<b>2019</b>						
January.....	0.2	4.6	-0.3	-0.6	-2.1	-0.4
February.....	1.0	10.2	0.1	0.6	0.2	0.7
March.....	0.6	7.2	-0.2	0.7	0.9	0.7
April.....	0.2	1.9 <sup>r</sup>	-0.1	0.1	-1.4 <sup>r</sup>	0.2
May.....	0.2 <sup>r</sup>	3.3 <sup>r</sup>	-0.3	-0.3 <sup>r</sup>	-1.2 <sup>r</sup>	-0.2
June.....	-1.1 <sup>r</sup>	-7.3 <sup>r</sup>	-0.3	-0.6 <sup>r</sup>	2.5 <sup>r</sup>	-1.0 <sup>r</sup>
July.....	0.2	1.8	-0.1	0.2	0.4	0.2
July 2017 to 2018.....	4.8	41.0	1.4	4.3	-1.9	5.0
July 2018 to 2019.....	-1.8	-5.5	-1.3	-0.9	3.7	-1.5

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**Chart 2. One-month and 12-month percent change in the Export Price Index: July 2018 – July 2019**



## Exports

U.S. export prices increased 0.2 percent in July, after decreasing 0.9 percent over the previous 2 months. Higher agricultural and nonagricultural prices both contributed to the advance. Despite the July increase, prices for U.S. exports continued to decrease on a 12-month basis, declining 0.9 percent from July 2018 to July 2019. (See table 2.)

**Agricultural Exports:** Agricultural export prices rose 0.4 percent in July following a 2.5-percent increase in June. The July advance was led by higher prices for soybeans, other animal feeds, nuts, and vegetables which more than offset lower prices for fruit and wheat. Prices for agricultural exports rose 3.7 percent over the past year, the largest 12-month increase since the index advanced 5.3 percent from June 2017 to June 2018.

**All Exports Excluding Agriculture:** The price index for nonagricultural exports rose 0.2 percent in July, after a 1.0-percent decrease in June and a 0.2-percent drop in May. The July increase was primarily led by higher nonagricultural industrial supplies and materials prices, though rising consumer goods prices also contributed to the advance. In contrast, prices for capital goods and automotive vehicles declined. Nonagricultural export prices decreased 1.5 percent for the year ended in July, driven by falling prices for nonagricultural industrial supplies and materials which more than offset advancing finished goods prices.

*Nonagricultural Industrial Supplies and Materials:* Nonagricultural industrial supplies and materials prices increased 0.7 percent in July following a 2.8-percent drop the previous month. The upturn was driven by a 2.3-percent advance in export fuel prices which previously declined 7.3 percent in June.

*Finished Goods:* Export finished goods prices were mixed in July. The price indexes for capital goods and automotive vehicles each edged down 0.1 percent, after recording no change in June. Prices for consumer goods increased 0.2 percent in July, driven by a 1.1-percent advance in medicinal, dental, and pharmaceutical materials prices.

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

**Imports by Locality of Origin:** Import prices from China edged down 0.1 percent in July, after decreasing 0.2 percent in June. Prices for imports from China have not recorded a monthly advance since ticking up 0.1 percent in May 2018. The price index for imports from China declined 1.6 percent on a 12-month basis for the second consecutive month in July. The last time the index fell more than 1.6 percent was a 1.9-percent drop in January 2017. Import prices from Japan recorded no change in July following a 0.1-percent decrease the previous month. Prices for imports from Japan edged down 0.1 percent for the year ended in July. Import prices from Mexico declined 0.2 percent in July, after falling 1.3 percent in June. In contrast, the price indexes for imports from Canada and the European Union both advanced 0.2 percent in July. Import prices from Canada previously fell 3.3 percent in June, and prices for imports from the European Union decreased 0.6 percent over the same period. (See table 7.)

**Exports by Locality of Destination:** Export prices to China rose 0.6 percent in July, after declining 0.6 percent the previous month. Despite the July advance, prices for exports to China decreased 1.7 percent over the past 12 months. The price index for exports to Japan rose 1.0 percent in July following a 0.1-percent decline in June. The index increased 0.2 percent from July 2018 to July 2019. Export prices to the European Union rose 0.8 percent, the largest monthly advance since the index increased 1.9 percent in January 2018. Prices for exports to Canada and Mexico also rose in July, advancing 0.6 percent and 0.5 percent, respectively. (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. The U.S. terms of trade with China increased 0.7 percent in July following a 0.4-percent decline the previous month. In July, the increase resulted from both a rise in export prices to China and a decline in import prices from China. U.S. terms of trade with China edged down 0.1 percent for the year ended in July. The index for U.S. terms of trade with Japan advanced 1.0 percent in July, after recording no change in June. U.S. terms of trade with Japan rose 0.3 percent over the past 12 months. The U.S. terms of trade with the European Union increased 0.6 percent in July following a 0.2-percent decline in June and a 0.4-percent drop in May. U.S. terms of trade with Mexico and Canada also advanced in July, rising 0.8 percent and 0.3 percent, respectively. (See table 9.)

## **Import and Export Services**

**Imports:** Import air passenger fares declined 9.9 percent in July following a 6.7-percent increase in June and a 6.9-percent advance in May. The decrease was the largest 1-month drop since the index fell 10.6 percent in August 2017. In July, the decline was led by a 12.7-percent decrease in European fares and an 11.8-percent drop in Asian fares. Import air passenger fares fell 6.6 percent over the past 12 months. The price index for import air freight fell 1.8 percent in July, after edging down 0.1 percent in June. The July drop was the largest monthly decrease since the index fell 6.1 percent in February. The price index for import air freight declined 6.6 percent over the past 12 months. (See table 10.)

**Exports:** Export air passenger fares increased 3.3 percent in July, after rising 4.0 percent in June. Higher Latin American/Caribbean, European, and Asian fares all contributed to the advance in July. Despite the recent increases, export air passenger fares declined 1.4 percent from July 2018 to July 2019. Export air freight prices rose 0.6 percent in July, the largest monthly advance since the index increased 0.6 percent in October 2018. Prices for export air freight also advanced over the past year, rising 1.4 percent.

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**Import and Export Price Index data for August are scheduled for release on Friday, September 13, 2019 at 8:30 a.m. (EDT).**

**Table 1. U.S. import price indexes and percent changes for selected categories of goods: July 2018 to July 2019**

[2000=100, unless otherwise noted]

Description	End Use	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
			June 2019	July 2019	Annual	Monthly			
					July 2018 to July 2019	Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>All commodities</b> .....		100.000	125.6	125.8	-1.8	0.2	0.2	-1.1	0.2
<b>All imports excluding food and fuels (Dec. 2010=100)</b> .....		83.315	99.1	99.1	-1.5	-0.3	-0.2	-0.2	0.0
<b>All imports excluding petroleum</b> .....		89.664	111.9	111.9	-1.3	-0.4	-0.3	-0.4	0.0
<b>All imports excluding fuels (Dec. 2001=100)</b> .....		89.339	116.2	116.1	-1.3	-0.1	-0.3	-0.3	-0.1
<b>Foods, feeds, &amp; beverages</b> .....	0	6.024	179.8	178.9	2.1	2.8	-0.9	-1.4	-0.5
Agricultural foods, feeds & beverages, excluding distilled beverages.....	00	4.684	196.7	195.6	2.6	3.6	-1.0	-1.9	-0.6
Nonagricultural foods (fish, distilled beverages).....	01	1.340	141.5	141.1	-0.1	0.0	-0.4	0.0	-0.3
<b>Industrial supplies &amp; materials</b> .....	1	24.514	189.3	191.0	-4.7	0.7	0.9	-3.7	0.9
Industrial supplies & materials excluding petroleum.....		14.327	151.5	151.7	-4.3	-2.6	-1.0	-1.3	0.1
Industrial supplies & materials excluding fuels (Dec. 2001=100).....		13.854	173.9	174.3	-3.8	-0.1	-1.0	-0.7	0.2
Industrial supplies & materials, durable....		8.696	164.6	165.8	-3.9	-0.1	-1.2	-0.6	0.7
Industrial supplies & materials nondurable excluding petroleum.....		5.482	135.6	134.5	-4.5	-5.9	-0.6	-2.3	-0.8
Fuels & lubricants.....	10	10.661	215.7	219.5	-5.5	1.9	3.3	-7.3	1.8
Petroleum & petroleum products.....	100	10.336	237.1	241.7	-5.9	4.6	3.5	-7.0	1.9
Crude.....	10000	7.530	247.4	250.9	-7.8	5.4	3.3	-7.8	1.4
Fuels, n.e.s.-coals & gas.....	101	0.325	74.4	72.1	-20.4	-40.6	-1.3	-16.7	-3.1
Gas-natural.....	10110	0.230	57.1	56.3	-22.1	-47.2	-1.9	-22.1	-1.4
Paper & paper base stocks.....	11	0.573	120.3	117.1	-3.1	-0.8	-2.6	-0.1	-2.7
Materials associated with nondurable supplies & materials.....	12	4.584	157.3	156.7	-3.5	-0.1	-0.4	-1.0	-0.4
Selected building materials.....	13	1.478	141.8	143.2	-10.2	-1.3	-1.6	0.6	1.0
Unfinished metals related to durable goods.....	14	3.711	228.8	231.2	-3.1	0.6	-1.8	-1.3	1.0
Finished metals related to durable goods.....	15	1.760	157.0	157.4	-3.3	-0.4	-0.7	-0.5	0.3
Nonmetals related to durable goods.....	16	1.746	112.9	113.1	-0.5	-0.4	-0.3	0.0	0.2
<b>Capital goods</b> .....	2	27.781	88.3	88.2	-1.3	-0.4	0.0	-0.2	-0.1
Electric generating equipment.....	20	3.424	119.4	119.7	1.4	0.4	0.2	0.3	0.3
Nonelectrical machinery.....	21	22.080	80.3	80.3	-1.8	-0.6	-0.1	-0.4	0.0
Transportation equipment excluding motor vehicles (Dec. 2001=100).....	22	2.277	135.5	135.1	0.3	0.1	-0.1	-0.2	-0.3
<b>Automotive vehicles, parts &amp; engines</b> .....	3	15.678	109.8	109.5	-0.8	-0.2	0.0	0.0	-0.3
<b>Consumer goods, excluding automobiles</b> .....	4	26.003	106.8	107.0	-0.6	-0.2	-0.1	0.0	0.2
Nondurables, manufactured.....	40	12.388	123.2	123.6	-0.1	-0.2	0.1	0.0	0.3
Durables, manufactured.....	41	12.358	91.4	91.4	-1.4	-0.3	-0.1	-0.1	0.0
Nonmanufactured consumer goods.....	42	1.257	116.5	116.7	2.5	-0.4	0.0	0.0	0.2

<sup>1</sup> Relative importance figures are based on 2017 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: July 2018 to July 2019**

[2000=100, unless otherwise noted]

Description	End Use	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
			June 2019	July 2019	Annual	Monthly			
					July 2018 to July 2019	Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>All commodities.....</b>		100.000	125.9	126.2	-0.9	0.1	-0.3	-0.6	0.2
<b>Agricultural commodities.....</b>		9.710	180.4	181.2	3.7	-1.4	-1.2	2.5	0.4
<b>All exports excluding food and fuels (Dec. 2010=100).....</b>		80.626	101.5	101.4	-0.3	0.2	-0.2	-0.1	-0.1
<b>Nonagricultural commodities.....</b>		90.290	121.7	122.0	-1.5	0.2	-0.2	-1.0	0.2
<b>Foods, feeds, &amp; beverages.....</b>	0	9.024	183.7	184.8	4.8	-1.7	-1.2	2.9	0.6
Agricultural foods, feeds & beverages, excluding distilled beverages.....	00	8.420	182.4	183.4	5.2	-1.8	-1.1	3.2	0.5
Nonagricultural foods (fish, distilled beverages).....	01	0.604	211.4	212.5	0.0	-2.1	-2.4	-0.7	0.5
<b>Industrial supplies &amp; materials.....</b>	1	31.999	154.0	155.0	-5.5	0.5	-0.6	-2.8	0.6
Industrial supplies & materials, durable....		10.277	164.7	165.7	-0.7	0.5	-0.8	-0.3	0.6
Industrial supplies & materials, nondurable.....		21.723	149.4	150.4	-7.7	0.6	-0.6	-3.9	0.7
Agricultural industrial supplies & materials.....	10	1.260	173.5	172.9	-5.3	0.4	-1.6	-1.6	-0.3
Nonagricultural industrial supplies & materials.....		30.739	153.4	154.5	-5.4	0.5	-0.6	-2.8	0.7
Fuels & lubricants.....	11	10.350	178.8	183.0	-11.3	1.4	-1.1	-7.3	2.3
Nonagricultural supplies & materials excluding fuels & building materials.....	12	19.398	157.2	157.1	-2.5	0.0	-0.3	-0.4	-0.1
Selected building materials.....	13	0.991	121.1	119.7	-4.3	0.8	-0.6	-0.9	-1.2
<b>Capital goods.....</b>	2	36.171	110.7	110.6	0.6	0.0	0.0	0.0	-0.1
Electrical generating equipment.....	20	3.783	118.0	117.9	0.9	0.3	0.0	0.0	-0.1
Nonelectrical machinery.....	21	23.625	94.6	94.5	-0.4	-0.2	-0.2	0.0	-0.1
Transportation equipment excluding motor vehicles (Dec. 2001=100).....	22	8.763	182.6	182.7	3.5	0.7	0.2	0.1	0.1
<b>Automotive vehicles, parts &amp; engines.....</b>	3	10.242	114.8	114.7	0.5	0.2	-0.1	0.0	-0.1
<b>Consumer goods, excluding automotives.....</b>	4	12.564	110.4	110.6	0.7	0.3	0.0	0.1	0.2
Nondurables, manufactured.....	40	5.939	107.7	108.4	1.9	0.7	0.0	-0.2	0.6
Durables, manufactured.....	41	5.187	107.7	107.4	-0.3	0.0	0.0	0.6	-0.3
Nonmanufactured consumer goods (Dec. 2018=100).....	42	1.437	98.9	99.0	-	0.0	-0.3	-0.4	0.1

<sup>1</sup> Relative importance figures are based on 2017 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: July 2018 to July 2019**  
 [December 2005=100, unless otherwise noted]

Description	NAICS	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
			June 2019	July 2019	Annual July 2018 to July 2019	Monthly			
						Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>Nonmanufacturing.....</b>		10.061	117.1	118.1	-2.2	3.6	2.1	-7.1	0.9
<b>Agriculture, forestry, fishing and hunting.....</b>	11	1.928	180.4	179.3	8.7	6.6	-2.1	-3.5	-0.6
Crop production.....	111	1.573	195.2	193.3	11.5	8.3	-1.4	-3.7	-1.0
<b>Mining.....</b>	21	8.133	110.7	112.1	-4.5	2.9	3.1	-7.9	1.3
Oil and gas extraction.....	211	7.883	110.6	112.0	-5.0	3.1	3.2	-8.1	1.3
<b>Manufacturing.....</b>		89.631	110.9	111.0	-1.3	-0.2	-0.1	-0.4	0.1
<b>Manufacturing, part 1.....</b>	31	11.179	125.1	124.8	-0.1	0.2	-0.1	-0.1	-0.2
Food manufacturing.....	311	3.393	155.6	154.3	-0.7	0.4	-0.2	-0.3	-0.8
Beverage and tobacco product manufacturing.....	312	1.116	122.1	122.2	0.3	1.3	-1.2	-0.1	0.1
Textile mills (Dec. 2011=100).....	313	0.364	99.3	101.2	1.2	0.6	-1.0	-0.2	1.9
Textile product mills.....	314	0.934	109.2	108.4	-0.9	0.0	0.6	-0.2	-0.7
Apparel manufacturing.....	315	3.741	112.1	112.1	0.4	-0.1	0.0	0.1	0.0
Leather and allied product manufacturing.....	316	1.631	123.2	123.3	-0.2	-0.3	0.1	0.0	0.1
<b>Manufacturing, part 2.....</b>	32	17.478	125.8	126.6	-2.2	0.1	0.4	-1.0	0.6
Paper manufacturing.....	322	1.044	113.1	111.4	-2.2	-0.3	-2.1	-0.1	-1.5
Petroleum and coal products manufacturing.....	324	2.564	100.4	104.5	0.5	2.4	4.2	-4.9	4.1
Chemical manufacturing.....	325	9.544	138.7	139.0	-1.8	-0.2	0.1	-0.6	0.2
Plastics and rubber products manufacturing.....	326	2.267	119.2	119.0	-0.6	-0.2	0.0	0.0	-0.2
Nonmetallic mineral product manufacturing.....	327	1.036	131.3	130.8	-0.5	0.2	0.0	0.1	-0.4
<b>Manufacturing, part 3.....</b>	33	60.975	103.5	103.4	-1.3	-0.3	-0.2	-0.2	-0.1
Primary metal manufacturing.....	331	4.314	153.6	155.0	-2.1	0.7	-1.6	-1.3	0.9
Fabricated metal product manufacturing.....	332	3.107	126.4	126.3	-1.4	0.0	-0.2	0.0	-0.1
Machinery manufacturing.....	333	7.275	118.5	118.7	0.1	-0.1	-0.1	-0.1	0.2
Computer and electronic product manufacturing.....	334	17.240	72.7	72.5	-3.3	-0.9	-0.1	-0.4	-0.3
Electrical equipment, appliance, and component manufacturing.....	335	5.156	117.5	117.8	1.5	0.3	0.1	0.3	0.3
Transportation equipment manufacturing.....	336	16.639	109.0	108.7	-0.7	-0.1	-0.1	0.0	-0.3
Furniture and related product manufacturing.....	337	1.873	117.1	116.8	-0.3	0.0	0.1	-0.4	-0.3
Miscellaneous manufacturing.....	339	5.371	118.2	118.4	-0.3	-0.1	-0.3	0.1	0.2

<sup>1</sup> Relative importance figures are based on 2017 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: July 2018 to July 2019**  
 [December 2005=100, unless otherwise noted]

Description	NAICS	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
			June 2019	July 2019	Annual July 2018 to July 2019	Monthly			
						Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>Nonmanufacturing.....</b>		8.996	131.7	131.9	-3.4	-1.8	-2.6	-1.2	0.2
<b>Agriculture, forestry, fishing and hunting.....</b>	11	4.883	153.4	153.5	4.0	-2.4	-2.4	4.0	0.1
Crop production.....	111	4.547	160.8	160.8	5.0	-2.4	-2.4	4.3	0.0
<b>Mining.....</b>	21	4.113	82.2	82.4	-12.4	-1.1	-3.0	-6.7	0.2
Mining (except oil and gas).....	212	1.313	114.8	113.1	-2.1	-0.9	-0.3	-2.2	-1.5
<b>Manufacturing.....</b>		89.804	116.6	116.9	-0.4	0.3	-0.1	-0.6	0.3
<b>Manufacturing, part 1.....</b>	31	6.816	141.2	142.2	1.6	-0.1	0.0	0.4	0.7
Food manufacturing.....	311	4.653	159.1	160.6	2.0	-0.2	0.3	0.8	0.9
Beverage and tobacco product manufacturing.....	312	0.656	122.4	123.4	2.0	-0.2	-1.5	0.4	0.8
<b>Manufacturing, part 2.....</b>	32	25.147	114.6	115.5	-3.5	0.9	0.1	-2.4	0.8
Wood product manufacturing (Dec. 2017=100).....	321	0.524	97.8	97.3	-6.5	-0.4	-1.1	-1.5	-0.5
Paper manufacturing.....	322	1.705	126.2	124.5	-5.8	-1.6	-0.6	-0.5	-1.3
Petroleum and coal products manufacturing.....	324	6.132	107.9	111.9	-9.5	3.4	0.5	-7.9	3.7
Chemical manufacturing.....	325	13.435	118.9	118.8	-0.9	0.3	0.1	-0.5	-0.1
Plastics and rubber products manufacturing.....	326	2.279	116.5	116.8	0.7	0.0	0.1	0.1	0.3
Nonmetallic mineral product manufacturing.....	327	0.847	117.7	117.7	0.8	0.1	0.0	-0.1	0.0
<b>Manufacturing, part 3.....</b>	33	57.840	115.0	115.0	0.8	0.2	-0.2	0.1	0.0
Primary metal manufacturing.....	331	4.028	146.2	148.4	2.5	0.5	-1.5	0.5	1.5
Fabricated metal product manufacturing.....	332	2.994	147.7	148.1	5.0	0.3	0.1	0.7	0.3
Machinery manufacturing.....	333	9.580	129.9	129.8	2.0	0.2	0.1	0.1	-0.1
Computer and electronic product manufacturing.....	334	13.852	82.0	81.7	-2.0	-0.5	-0.2	-0.1	-0.4
Electrical equipment, appliance, and component manufacturing.....	335	3.821	118.1	118.1	0.3	0.1	-0.1	0.0	0.0
Transportation equipment manufacturing.....	336	17.779	129.2	129.2	1.7	0.4	0.0	0.1	0.0
Furniture and related product manufacturing (Dec. 2011=100).....	337	0.398	122.5	122.3	1.3	1.0	0.1	-0.1	-0.2
Miscellaneous manufacturing.....	339	5.389	120.5	120.2	-0.2	0.1	-0.2	0.6	-0.2

<sup>1</sup> Relative importance figures are based on 2017 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: July 2018 to July 2019**

[2000=100, unless otherwise noted]

Description	Harmonized system	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
			June 2019	July 2019	Annual July 2018 to July 2019	Monthly			
						Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>Live animals; animal products.....</b>	I	1.395	196.0	194.8	1.0	0.8	-0.9	-0.6	-0.6
Meat and edible meat offal.....	02	0.383	265.7	259.4	5.3	2.8	0.0	0.0	-2.4
Fish and crustaceans, molluscs and other aquatic invertebrates.....	03	0.734	139.9	139.9	0.3	-0.2	-0.8	-0.2	0.0
<b>Vegetable products.....</b>	II	1.906	215.3	212.6	10.8	7.8	-1.1	-3.7	-1.3
Edible vegetables, roots, and tubers.....	07	0.472	506.8	467.8	29.0	12.7	-13.9	0.5	-7.7
Edible fruit and nuts; peel of citrus fruit or melons.....	08	0.676	124.5	126.9	12.7	14.1	8.5	-11.0	1.9
Coffee, tea, mate and spices.....	09	0.317	197.7	197.6	-6.4	-0.1	-2.6	1.6	-0.1
<b>Animal or vegetable fats and oils (Dec. 2009=100).....</b>	III	0.223	83.9	84.3	-14.8	-2.7	-3.0	-1.9	0.5
<b>Prepared foodstuffs, beverages, and tobacco.....</b>	IV	2.829	164.9	164.8	-0.8	0.4	-0.7	0.1	-0.1
Cocoa and cocoa preparations (Dec. 2009=100).....	18	0.226	97.9	98.4	-1.3	0.5	-0.2	1.0	0.5
Preparations of vegetables, fruit, nuts, or other parts of plants.....	20	0.362	170.1	170.2	-0.9	-1.6	0.4	0.1	0.1
Beverages, spirits, and vinegar.....	22	1.068	131.9	132.0	0.0	1.2	-1.4	-0.2	0.1
<b>Mineral products.....</b>	V	10.651	215.9	219.4	-5.7	1.5	3.2	-7.1	1.6
Mineral fuels, oils and residuals, bituminous substances and mineral waxes.....	27	10.342	213.2	216.8	-5.9	1.6	3.3	-7.3	1.7
<b>Products of the chemical or allied industries.....</b>	VI	8.887	156.1	156.7	-1.8	-0.3	0.0	-0.6	0.4
Inorganic chemicals.....	28	0.515	293.3	289.9	-8.4	-2.9	-1.4	-4.6	-1.2
Organic chemicals.....	29	2.028	127.3	126.8	-5.0	0.6	-0.1	-0.3	-0.4
Pharmaceutical products.....	30	4.333	152.3	154.4	0.3	-0.2	0.1	-0.3	1.4
Fertilizers (Dec. 2009=100).....	31	0.281	85.2	80.6	-1.5	-3.6	2.5	-3.0	-5.4
Essential oils and resinoids (Dec. 2016=100).....	33	0.601	103.5	104.1	1.4	0.3	0.1	0.1	0.6
Miscellaneous chemical products.....	38	0.583	103.2	103.6	-3.4	-0.5	-0.2	0.0	0.4
<b>Plastics and articles thereof; rubber and articles thereof.....</b>	VII	3.490	140.8	140.3	-0.6	-0.1	0.1	0.1	-0.4
Plastics and articles thereof.....	39	2.333	143.5	143.1	-0.9	-0.2	-0.1	0.1	-0.3
Rubber and articles thereof.....	40	1.158	137.5	136.8	-0.1	0.2	0.4	0.4	-0.5
<b>Raw hides, skins, leather, furskins, travel goods, etc.....</b>	VIII	0.619	124.6	123.9	-1.4	-0.5	0.0	-0.1	-0.6
Articles of leather; travel goods, bags, etc. of various materials.....	42	0.592	131.1	130.5	-0.8	-0.5	0.1	-0.1	-0.5
<b>Wood, wood charcoal, cork, straw, basketware and wickerwork.....</b>	IX	0.840	143.6	146.4	-16.4	-2.4	-2.5	1.1	1.9
<b>Woodpulp, recovered paper, and paper products.....</b>	X	1.101	120.0	117.9	-2.0	-0.4	-1.4	0.0	-1.8
Paper and paperboard; articles of paper pulp, paper or paperboard.....	48	0.734	111.0	110.0	-0.6	-0.5	-0.3	-0.1	-0.9
<b>Textile and textile articles.....</b>	XI	4.874	114.2	114.5	0.2	0.1	0.0	-0.2	0.3
Articles of apparel and clothing accessories, knitted or crocheted.....	61	1.972	104.5	104.9	0.8	0.0	0.0	-0.2	0.4
Articles of apparel and clothing accessories, not knitted or crocheted.....	62	1.645	120.9	120.7	0.7	-0.2	0.2	0.3	-0.2
Made-up or worn textile articles.....	63	0.650	103.6	102.4	-1.4	0.0	0.1	-0.1	-1.2

See footnotes at end of table.

**Table 5. U.S. import price indexes and percent changes for selected categories of goods: July 2018 to July 2019 — Continued**

[2000=100, unless otherwise noted]

Description	Harmonized system	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
			June 2019	July 2019	Annual	Monthly			
					July 2018 to July 2019	Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>Headgear, umbrellas, artificial flowers, etc.....</b>	XII	1.359	122.3	122.5	0.0	-0.2	0.1	0.0	0.2
Footwear and parts of such articles.....	64	1.128	121.3	121.4	0.1	-0.2	0.2	0.0	0.1
<b>Stone, plaster, cement, asbestos, ceramics, glass etc.....</b>	XIII	0.949	132.1	131.7	-0.5	0.2	-0.1	0.0	-0.3
Ceramic products.....	69	0.268	136.6	135.6	0.4	0.2	0.1	0.1	-0.7
<b>Pearls, stones, precious metals, imitation jewelry, and coins.....</b>	XIV	2.713	177.6	182.8	6.7	-0.6	-0.8	0.7	2.9
<b>Base metals and articles of base metals. . . .</b>	XV	5.806	174.1	173.2	-5.5	0.3	-1.1	-1.4	-0.5
Iron and steel.....	72	1.337	216.2	212.7	-8.8	1.3	-1.4	-1.6	-1.6
Articles of iron or steel.....	73	1.719	149.8	149.0	-2.6	-0.1	-0.3	-0.3	-0.5
Copper and articles thereof.....	74	0.430	271.5	275.5	-6.2	-0.6	-2.5	-5.0	1.5
Aluminum and articles thereof.....	76	0.996	130.6	130.2	-7.9	0.7	-1.6	-1.3	-0.3
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof.....	82	0.442	123.7	123.7	0.7	0.0	-0.1	0.0	0.0
Miscellaneous articles of base metal.....	83	0.517	135.9	136.3	-0.7	-0.7	-0.1	-0.1	0.3
<b>Machinery, electrical equipment, TV image and sound recorders, parts, etc.....</b>	XVI	29.952	79.2	79.2	-1.5	-0.6	0.0	-0.1	0.0
Machinery and mechanical appliances; parts thereof.....	84	14.873	85.3	85.3	-1.8	-0.7	-0.1	-0.2	0.0
Electrical machinery and equip, sound and TV recorders & reproducers, parts.....	85	15.079	73.5	73.6	-1.1	-0.4	-0.1	0.1	0.1
<b>Vehicles, aircraft, vessels and associated transport equipment.....</b>	XVII	13.898	113.4	113.1	-1.0	-0.2	-0.1	-0.1	-0.3
Motor vehicles and their parts.....	87	12.723	112.5	112.3	-1.0	-0.2	-0.1	0.0	-0.2
Aircraft, spacecraft, and parts thereof (Dec. 2002=100).....	88	1.067	113.7	113.0	-2.1	0.1	-0.2	-0.7	-0.6
<b>Optical, photo, measuring, medical &amp; musical instruments; &amp; timepieces.....</b>	XVIII	3.983	101.7	101.7	-0.8	0.0	-0.3	0.0	0.0
Optical, photographic, measuring and medical instruments.....	90	3.714	98.2	98.2	-0.8	-0.1	-0.2	-0.1	0.0
Clocks and watches and parts thereof.....	91	0.208	141.8	143.0	0.6	0.6	-0.3	-0.1	0.8
<b>Miscellaneous manufactured articles.....</b>	XX	4.447	112.2	112.1	-0.3	-0.3	0.0	-0.2	-0.1
Furniture & stuffed furnishings; lamps & lighting fittings, nesoi; prefab bldgs.....	94	2.796	118.3	118.0	-0.2	-0.1	0.0	-0.3	-0.3
Toys, games and sports equipment; parts and accessories thereof.....	95	1.380	102.1	102.2	-0.5	-0.4	-0.2	0.1	0.1
Miscellaneous manufactured articles.....	96	0.271	128.8	128.7	-0.7	-0.6	0.0	0.0	-0.1

<sup>1</sup> Relative importance figures are based on 2017 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: July 2018 to July 2019**

[2000=100, unless otherwise noted]

Description	Harmonized system	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
			June 2019	July 2019	Annual	Monthly			
					July 2018 to July 2019	Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>Live animals; animal products.....</b>	I	2.005	217.9	218.1	4.2	-0.4	2.0	1.0	0.1
Meat & edible meat offal (Dec. 2006=100)...	02	1.198	172.7	173.6	4.8	0.6	3.7	1.8	0.5
Fish and crustaceans, mollusks and aquatic invertebrates (Dec. 2016=100).....	03	0.394	116.1	116.7	-0.7	-2.6	-2.8	-0.9	0.5
<b>Vegetable products.....</b>	II	4.589	199.1	199.6	7.7	-3.6	-2.1	5.2	0.3
Edible fruit and nuts; peel of citrus fruit or melons.....	08	0.997	139.7	137.0	1.5	-3.3	-1.5	5.8	-1.9
Cereals.....	10	1.457	205.7	204.4	9.1	-1.9	-2.6	11.9	-0.6
Oilseeds and misc. grains, seeds, fruits, plants, straw and fodder.....	12	1.679	187.0	190.4	1.6	0.1	-5.0	3.9	1.8
<b>Prepared foodstuffs, beverages, and tobacco.....</b>	IV	3.013	153.3	155.6	3.1	0.1	-1.3	1.2	1.5
Miscellaneous edible preparations (Dec. 2017=100).....	21	0.567	98.1	98.9	3.1	-0.3	-0.3	0.9	0.8
Beverages, spirits, and vinegar (Dec. 2008=100).....	22	0.550	110.2	112.9	2.8	0.1	0.1	3.6	2.5
Residues and waste from the food industries; prepared animal feed.....	23	0.694	213.4	220.7	1.2	0.5	-6.2	2.2	3.4
<b>Mineral products.....</b>	V	10.440	215.3	220.5	-11.1	1.6	-0.9	-7.5	2.4
Ores, slag and ash (Dec. 2012=100).....	26	0.401	96.3	95.6	-9.3	0.7	0.3	-4.6	-0.7
Mineral fuels, oils and residuals, bituminous substances and mineral waxes.....	27	9.841	206.8	212.2	-11.4	1.7	-1.0	-7.8	2.6
<b>Products of the chemical or allied industries.....</b>	VI	10.916	138.3	138.0	-0.9	0.3	-0.3	-0.7	-0.2
Inorganic chemicals.....	28	0.743	149.6	149.6	-5.2	0.2	0.5	-0.3	0.0
Organic chemicals.....	29	2.591	142.7	140.5	-4.7	-0.3	-1.4	-1.5	-1.5
Pharmaceutical products.....	30	3.049	106.6	107.8	1.0	1.1	0.0	-0.2	1.1
Tanning or dyeing extracts, dyes, paints varnish, putty, & inks (Dec. 2015=100)....	32	0.546	103.8	105.5	2.8	2.4	1.2	-1.2	1.6
Essential oils and resinoids; perfumery cosmetic or toilet preparations.....	33	0.854	131.3	131.1	0.2	-0.5	-0.4	-0.6	-0.2
Soap; lubricants; waxes, polishing or scouring products; candles, pastes.....	34	0.492	124.2	124.3	4.2	0.6	0.2	-0.1	0.1
Miscellaneous chemical products.....	38	1.982	156.6	155.2	0.9	0.4	-0.1	-0.4	-0.9
<b>Plastics and articles thereof; rubber and articles thereof.....</b>	VII	5.231	143.9	144.0	-1.0	-0.1	0.4	-0.1	0.1
Plastics and articles thereof.....	39	4.354	141.2	141.0	-0.7	-0.1	0.5	0.1	-0.1
Rubber and articles thereof.....	40	0.877	153.6	154.7	-2.5	-0.1	0.0	-0.6	0.7
<b>Wood, wood charcoal, cork, straw, baskets and wickerwork (Dec. 2014=100).....</b>	IX	0.635	97.4	96.6	-9.3	0.0	-0.8	-1.2	-0.8
<b>Woodpulp, recovered paper, and paper products.....</b>	X	1.897	124.6	122.7	-9.3	-1.3	-0.9	-0.6	-1.5
Paper and paperboard; articles of paper pulp, paper or paperboard.....	48	1.088	125.9	125.7	-3.2	-1.5	-0.3	0.2	-0.2
<b>Textile and textile articles.....</b>	XI	1.736	121.4	121.1	-2.9	1.0	-0.6	-1.9	-0.2
Cotton, including yarns and woven fabrics thereof.....	52	0.485	118.5	116.2	-15.2	2.3	-1.7	-6.7	-1.9
<b>Stone, plaster, cement, asbestos, ceramics, glass etc.....</b>	XIII	0.822	127.5	127.2	2.5	0.1	0.0	0.0	-0.2
<b>Pearls, stones, precious metals, imitation jewelry, and coins.....</b>	XIV	4.233	245.3	250.9	6.7	0.1	-1.0	1.6	2.3
<b>Base metals and articles of base metals. ...</b>	XV	4.722	159.1	158.1	-3.6	0.7	-1.4	-0.8	-0.6

See footnotes at end of table.

**Table 6. U.S. export price indexes and percent changes for selected categories of goods: July 2018 to July 2019 — Continued**

[2000=100, unless otherwise noted]

Description	Harmoni- zied system	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
			June 2019	July 2019	Annual	Monthly			
					July 2018 to July 2019	Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
Copper and articles thereof.....	74	0.480	178.6	177.8	-9.3	0.6	-2.0	-5.3	-0.4
Aluminum and articles thereof.....	76	0.706	104.2	103.0	-14.5	2.3	-2.2	-2.1	-1.2
Miscellaneous articles of base metal.....	83	0.334	153.1	153.1	0.1	-0.7	-0.6	0.1	0.0
<b>Machinery, electrical equipment, TV image and sound recorders, parts, etc.....</b>	XVI	28.188	98.0	97.7	0.0	0.0	-0.2	0.1	-0.3
Machinery and mechanical appliances; parts thereof.....	84	16.392	116.3	116.1	0.8	0.0	-0.2	0.1	-0.2
Electrical machinery and equipment and parts and accessories thereof.....	85	11.796	78.3	78.0	-0.9	0.0	-0.1	0.0	-0.4
<b>Vehicles, aircraft, vessels and associated transport equipment.....</b>	XVII	13.795	137.2	137.2	1.4	0.4	0.0	0.1	0.0
Motor vehicles and their parts.....	87	8.362	116.7	116.6	0.3	0.3	-0.1	0.0	-0.1
<b>Optical, photo, measuring, medical &amp; musical instruments; &amp; timepieces.....</b>	XVIII	5.854	109.0	109.2	-0.3	0.0	0.0	0.0	0.2
<b>Miscellaneous manufactured articles.....</b>	XX	1.378	112.9	112.8	0.1	0.1	-0.1	-0.1	-0.1
Furniture; stuffed furnishings; lamps and lighting fittings nesoi;.....	94	0.769	130.9	130.8	0.6	0.4	0.1	-0.2	-0.1
Toys, games and sports equipment; parts and accessories thereof.....	95	0.454	88.1	88.0	0.7	-0.2	-0.2	0.0	-0.1

<sup>1</sup> Relative importance figures are based on 2017 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: July 2018 to July 2019**  
 [2000=100, unless otherwise noted]

Description	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
		June 2019	July 2019	Annual July 2018 to July 2019	Monthly			
					Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>Industrialized Countries<sup>2</sup></b> .....	100.000	127.0	127.6	1.3	0.5	0.2	-1.3	0.5
Nonmanufacturing.....	11.337	191.6	194.3	14.2	4.8	0.0	-7.9	1.4
Manufacturing.....	88.085	121.0	121.4	-0.4	-0.1	0.2	-0.3	0.3
<b>Canada</b> .....	100.000	141.6	141.9	3.2	1.7	0.1	-3.3	0.2
Nonmanufacturing.....	30.743	188.1	190.4	17.1	5.2	0.1	-8.2	1.2
Manufacturing.....	68.417	130.6	130.4	-2.9	0.2	0.2	-0.9	-0.2
<b>European Union</b> .....	100.000	136.8	137.1	-0.1	0.0	0.3	-0.6	0.2
Manufacturing.....	98.719	133.2	133.5	-0.1	-0.1	0.3	-0.5	0.2
<b>France (Dec. 2003=100)</b> .....	100.000	127.4	128.5	-0.1	0.2	-0.1	-0.6	0.9
<b>Germany (Dec. 2003=100)</b> .....	100.000	112.3	112.4	0.4	-0.3	-0.1	0.0	0.1
<b>United Kingdom (Dec. 2003=100)</b> .....	100.000	121.3	121.6	-0.4	0.6	0.2	-0.7	0.2
<b>Latin America<sup>3</sup></b> .....	100.000	148.2	147.9	-2.6	0.5	0.9	-1.3	-0.2
Nonmanufacturing.....	17.667	273.2	273.9	-1.0	4.2	5.6	-4.4	0.3
Manufacturing.....	82.054	119.8	119.4	-2.8	-0.2	0.0	-0.7	-0.3
<b>Mexico (Dec. 2003=100)</b> .....	100.000	127.7	127.4	-0.9	1.1	0.4	-1.3	-0.2
Nonmanufacturing (Dec. 2008=100).....	9.024	148.3	151.5	8.1	15.1	3.2	-9.6	2.2
Manufacturing (Dec. 2008=100).....	90.713	87.2	86.7	-1.8	-0.2	0.1	-0.3	-0.6
<b>Pacific Rim (Dec. 2003=100)<sup>4</sup></b> .....	100.000	98.2	98.2	-1.1	-0.2	-0.1	-0.2	0.0
<b>China (Dec. 2003=100)</b> .....	100.000	98.9	98.8	-1.6	-0.2	-0.1	-0.2	-0.1
<b>Japan</b> .....	100.000	96.6	96.6	-0.1	0.0	0.0	-0.1	0.0
<b>Taiwan (Dec. 2018=100)</b> .....	100.000	98.7	98.8	–	-0.7	0.0	-0.1	0.1
<b>Asian NICs<sup>5</sup></b> .....	100.000	87.8	88.3	-1.1	0.2	-0.1	-0.8	0.6
<b>ASEAN (Dec. 2003=100)<sup>6</sup></b> .....	100.000	96.6	96.8	-2.0	-0.2	-0.1	-0.2	0.2
<b>Asia Near East (Dec. 2003=100)<sup>7</sup></b> .....	100.000	181.0	182.0	-5.5	1.9	2.0	-4.3	0.6

<sup>1</sup> Relative importance figures are based on 2017 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: July 2018 to July 2019**  
 [December 2017=100, unless otherwise noted]

Description	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
		June 2019	July 2019	Annual July 2018 to July 2019	Monthly			
					Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>Industrialized Countries<sup>2</sup></b> .....	100.000	102.9	103.5	1.1	-0.3	-0.3	-0.4	0.6
Nonmanufacturing.....	8.480	109.1	110.0	11.3	-4.7	-2.2	-4.0	0.8
Manufacturing.....	90.458	102.7	103.2	0.5	0.2	-0.2	0.0	0.5
<b>Canada</b> .....	100.000	104.5	105.1	1.3	-0.8	-0.3	-0.4	0.6
<b>European Union</b> .....	100.000	104.2	105.0	1.5	0.5	-0.1	-0.8	0.8
Nonmanufacturing.....	7.372	106.5	106.1	5.2	3.0	-2.4	-4.1	-0.4
Manufacturing.....	91.568	104.2	105.1	1.4	0.2	0.1	-0.4	0.9
<b>Germany</b> .....	100.000	103.0	104.4	2.8	0.7	0.1	0.1	1.4
<b>Latin America<sup>3</sup></b> .....	100.000	100.8	101.5	-2.1	0.0	-0.2	-1.9	0.7
Nonmanufacturing.....	7.080	105.6	104.8	1.5	-1.3	-1.9	0.9	-0.8
Manufacturing.....	92.498	100.5	101.3	-2.3	0.0	0.0	-2.0	0.8
<b>Mexico</b> .....	100.000	100.3	100.8	-1.9	-0.4	-0.1	-1.3	0.5
Nonmanufacturing.....	6.123	98.5	98.2	-4.2	-3.8	-1.8	0.5	-0.3
Manufacturing.....	93.386	100.3	101.0	-1.7	-0.2	0.0	-1.5	0.7
<b>Pacific Rim<sup>4</sup></b> .....	100.000	99.7	100.8	0.0	0.2	-0.8	-0.3	1.1
Nonmanufacturing.....	14.096	97.2	102.7	7.0	3.3	-3.8	-1.2	5.7
Manufacturing.....	84.039	100.6	101.1	-0.2	-0.3	-0.1	-0.1	0.5
<b>China</b> .....	100.000	97.7	98.3	-1.7	0.4	-1.4	-0.6	0.6
Nonmanufacturing.....	20.348	95.6	98.4	5.1	3.8	-4.6	-1.3	2.9
Manufacturing.....	76.312	99.7	99.8	-1.2	-0.4	-0.4	0.0	0.1
<b>Japan</b> .....	100.000	99.9	100.9	0.2	0.7	-0.8	-0.1	1.0
Nonmanufacturing.....	18.996	103.7	106.1	7.4	2.8	-2.9	0.4	2.3
Manufacturing.....	79.926	98.8	99.4	-1.6	0.1	-0.2	-0.2	0.6

<sup>1</sup> Relative importance figures are based on 2017 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: July 2018 to July 2019<sup>1</sup>**  
 [December 2017=100, unless otherwise noted]

Description	Index		Percent change				
	June 2019	July 2019	Annual	Monthly			
			July 2018 to July 2019	Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>Industrialized Countries<sup>2</sup></b> .....	99.2	99.3	-0.2	-0.7	-0.5	1.0	0.1
<b>Canada</b> .....	97.0	97.3	-1.9	-2.5	-0.3	3.0	0.3
<b>European Union</b> .....	102.5	103.1	1.7	0.5	-0.4	-0.2	0.6
<b>Germany</b> .....	105.6	106.9	2.3	1.0	0.2	0.1	1.2
<b>Latin America<sup>3</sup></b> .....	101.3	102.2	0.5	-0.5	-1.2	-0.5	0.9
<b>Mexico</b> .....	101.3	102.1	-1.0	-1.5	-0.5	0.0	0.8
<b>Pacific Rim<sup>4</sup></b> .....	99.9	101.0	1.1	0.4	-0.7	-0.1	1.1
<b>China</b> .....	98.9	99.6	-0.1	0.6	-1.3	-0.4	0.7
<b>Japan</b> .....	98.8	99.8	0.3	0.6	-0.7	0.0	1.0

<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: July 2018 to July 2019**

[2000=100, unless otherwise noted]

Description	Relative importance June 2019 <sup>1</sup>	Index		Percent change				
		June 2019	July 2019	Annual July 2018 to July 2019	Monthly			
					Mar. 2019 to Apr. 2019	Apr. 2019 to May 2019	May 2019 to June 2019	June 2019 to July 2019
<b>Air Freight</b>								
<b>Import Air Freight</b> .....	100.000	178.9	175.6	-6.6	1.8	0.4	-0.1	-1.8
Europe (Dec. 2003=100).....	26.976	148.0	144.2	-2.4	0.1	-1.1	0.1	-2.6
Asia.....	59.950	167.7	164.5	-9.7	2.8	1.0	-0.1	-1.9
<b>Export Air Freight</b> .....	100.000	165.3	166.3	1.4	-0.1	0.2	-0.5	0.6
Europe (Dec. 2006=100).....	31.871	151.7	152.5	2.9	0.3	0.9	-0.5	0.5
<b>Inbound Air Freight</b> .....	100.000	168.1	164.6	-4.2	-0.7	1.0	0.5	-2.1
Europe (Dec. 2003=100).....	28.398	138.0	132.1	-3.3	-1.0	-0.3	1.4	-4.3
Asia.....	56.854	155.8	153.3	-5.8	-0.3	1.7	0.2	-1.6
<b>Outbound Air Freight</b> .....	100.000	144.8	148.5	2.8	-0.6	0.3	0.0	2.6
Europe (Dec. 2003=100).....	33.618	154.5	155.1	4.9	0.9	0.9	-0.3	0.4
Asia.....	44.098	138.0	146.5	3.0	-2.1	0.0	0.4	6.2
<b>Air Passenger Fares</b>								
<b>Import Air Passenger Fares</b> .....	100.000	185.7	167.4	-6.6	-7.2	6.9	6.7	-9.9
Europe.....	54.287	211.3	184.5	-7.9	-11.5	8.0	7.3	-12.7
Asia.....	21.278	150.4	132.6	-8.3	0.1	9.9	9.7	-11.8
Latin America/Caribbean.....	6.321	158.4	168.1	2.3	0.6	-2.4	4.3	6.1
<b>Export Air Passenger Fares</b> .....	100.000	154.2	159.3	-1.4	-1.4	0.7	4.0	3.3
Europe.....	29.087	201.3	207.7	-2.5	-3.2	0.9	5.2	3.2
Asia.....	28.187	138.9	141.1	-0.8	-5.0	5.6	5.5	1.6
Latin America/Caribbean.....	25.041	159.1	169.7	3.1	3.5	-5.3	4.9	6.7

<sup>1</sup> Relative importance figures are based on 2017 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.