

U.S. Trade by Industry Sector and Selected Trading Partners

Table US.1 U.S. general imports, by major industry/commodity sectors, 2018–22

Value in billions of dollars; share of total in percentages.

Sector	2018	2019	2020	2021	2022
Electronic products (billion \$)	504.8	483.4	482.7	571.5	629.9
Transportation equipment (billion \$)	458.3	470.7	380.7	426.5	499.0
Chemicals and related products (billion \$)	309.8	319.8	328.6	383.6	442.1
Energy-related products (billion \$)	236.6	204.6	125.8	220.3	316.5
Minerals and metals (billion \$)	214.6	197.7	203.6	261.3	290.1
Machinery (billion \$)	213.7	212.0	204.2	247.8	280.9
Agricultural products (billion \$)	156.4	159.7	163.3	193.8	222.0
Miscellaneous manufactures (billion \$)	138.5	132.6	148.2	174.4	193.7
All other sectors (billion \$)	303.3	311.1	293.7	351.9	372.3
All sectors (billion \$)	2,536.1	2,491.7	2,330.8	2,831.1	3,246.4
Electronic products (%)	19.9	19.4	20.7	20.2	19.4
Transportation equipment (%)	18.1	18.9	16.3	15.1	15.4
Chemicals and related products (%)	12.2	12.8	14.1	13.6	13.6
Energy-related products (%)	8.5	7.9	8.7	9.2	8.9
Minerals and metals (%)	9.3	8.2	5.4	7.8	9.8
Machinery (%)	8.4	8.5	8.8	8.8	8.7
Agricultural products (%)	6.2	6.4	7.0	6.8	6.8
Miscellaneous manufactures (%)	5.5	5.3	6.4	6.2	6.0
All other sectors (%)	12.0	12.5	12.6	12.4	11.5
All sectors (%)	100.0	100.0	100.0	100.0	100.0

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on customs value; export values are based on free alongside ship value, U.S. port of export. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are concorded to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.2 U.S. total exports by major industry/commodity sectors, 2018–22

Value in billions of dollars; share of total in percentages.

Sector	2018	2019	2020	2021	2022
Electronic products (billion \$)	198.5	205.8	156.8	248.1	388.1
Chemicals and related products (billion \$)	243.3	242.8	229.2	289.6	326.2
Transportation equipment (billion \$)	338.7	340.3	244.0	273.4	307.2
Energy-related products (billion \$)	277.3	275.6	255.6	286.1	302.8
Agricultural products (billion \$)	154.7	150.3	157.2	184.8	205.0
Minerals and metals (billion \$)	146.5	137.7	128.3	170.0	188.1
Machinery (billion \$)	143.5	137.6	127.1	147.8	163.5
Special provisions (billion \$)	46.2	46.7	41.0	49.1	63.0
All other sectors (billion \$)	117.2	109.0	89.4	105.3	119.0
All sectors (billion \$)	1,665.8	1,645.9	1,428.5	1,754.3	2,062.9
Electronic products (%)	11.9	12.5	11.0	14.1	18.8
Chemicals and related products (%)	14.6	14.8	16.0	16.5	15.8
Transportation equipment (%)	20.3	20.7	17.1	15.6	14.9
Energy-related products (%)	16.6	16.7	17.9	16.3	14.7
Agricultural products (%)	9.3	9.1	11.0	10.5	9.9
Minerals and metals (%)	8.8	8.4	9.0	9.7	9.1
Machinery (%)	8.6	8.4	8.9	8.4	7.9
Special provisions (%)	2.8	2.8	2.9	2.8	3.1
All other sectors (%)	7.0	6.6	6.3	6.0	5.8
All sectors (%)	100.0	100.0	100.0	100.0	100.0

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on customs value; export values are based on free alongside ship value, U.S. port of export. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are concorded to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.3 U.S. general imports by selected trading partners, 2018–22

Value in billions of dollars; share of total in percentages.

Source	2018	2019	2020	2021	2022
China (billion \$)	538.5	449.1	432.7	504.9	536.8
Mexico (billion \$)	343.7	356.1	323.5	384.6	454.9
Canada (billion \$)	318.6	318.6	270.0	357.8	437.7
Japan (billion \$)	142.2	143.6	119.5	134.9	148.3
Germany (billion \$)	125.7	127.5	114.9	135.2	146.6
Vietnam (billion \$)	49.1	66.4	79.5	101.9	127.5
South Korea (billion \$)	74.2	77.5	76.0	94.9	115.3
Taiwan (billion \$)	45.7	54.2	60.4	77.1	91.8
All other sources (billion \$)	898.3	898.7	854.2	1,039.8	1,187.4
All sources (billion \$)	2,536.1	2,491.7	2,330.8	2,831.1	3,246.4
China (%)	21.2	18.0	18.6	17.8	16.5
Mexico (%)	13.6	14.3	13.9	13.6	14.0
Canada (%)	12.6	12.8	11.6	12.6	13.5
Germany (%)	5.6	5.8	5.1	4.8	4.6
Japan (%)	5.0	5.1	4.9	4.8	4.5
Vietnam (%)	1.9	2.7	3.4	3.6	3.9
South Korea (%)	2.9	3.1	3.3	3.4	3.6
Taiwan (%)	1.8	2.2	2.6	2.7	2.8
All other sources (%)	35.4	36.1	36.6	36.7	36.6
All sources (%)	100.0	100.0	100.0	100.0	100.0

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on U.S. customs value; export values are based on free alongside ship value, U.S. port of export. Calculations are based on unrounded data.

Table US. 4 U.S. total exports by selected trading partners, 2018–22

Value in billions of dollars; share of total in percentages.

Destination market	2018	2019	2020	2021	2022
Canada (billion \$)	299.7	292.8	256.2	307.8	355.0
Mexico (billion \$)	266.0	256.7	211.4	276.5	324.4
China (billion \$)	120.3	106.5	124.5	151.4	153.8
Japan (billion \$)	75.2	74.5	64.0	74.6	80.3
United Kingdom (billion \$)	66.5	69.1	58.5	61.4	77.3
Germany (billion \$)	57.8	60.4	58.0	65.3	72.9
Netherlands (billion \$)	48.6	50.7	44.7	53.1	72.9
South Korea (billion \$)	56.3	56.5	51.0	65.9	71.5
All other destination markets (billion \$)	675.5	678.8	560.1	698.3	854.8
All destination markets (billion \$)	1,665.8	1,645.9	1,428.5	1,754.3	2,062.9
Canada (%)	18.0	17.8	17.9	17.5	17.2
Mexico (%)	16.0	15.6	14.8	15.8	15.7
China (%)	7.2	6.5	8.7	8.6	7.5
Japan (%)	4.5	4.5	4.5	4.3	3.9
South Korea (%)	4.0	4.2	4.1	3.5	3.7
Germany (%)	3.5	3.7	4.1	3.7	3.5
United Kingdom (%)	2.9	3.1	3.1	3.0	3.5
Netherlands (%)	3.4	3.4	3.6	3.8	3.5
All other destination markets (%)	40.6	41.2	39.2	39.8	41.4
All destination markets (%)	100.0	100.0	100.0	100.0	100.0

Source: USITC DataWeb/Census, accessed February 16, 2023.

Shifts in U.S. Merchandise Trade, 2022

Notes: Import values are based on U.S. customs value; export values are based on free alongside ship value, U.S. port of export. Calculations are based on unrounded data.

Table US.5 U.S. merchandise trade by trade flow, 2018–22

In billions of dollars.

Trade flow	2018	2019	2020	2021	2022
Total Exports	1,665.8	1,645.9	1,428.5	1,754.3	2,062.9
General Imports	2,536.1	2,491.7	2,330.8	2,831.1	3,246.4
Trade Balance	-870.4	-845.8	-902.3	-1,076.8	-1,183.5

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on customs value; export values are based on free alongside ship value, U.S. port of export. Merchandise trade balance is calculated as U.S. total exports minus U.S. general imports. Calculations are based on unrounded data.

Table US. 6: U.S. merchandise trade by trade flow, 2018–22

In millions of dollars.

Destination market	2018	2019	2020	2021	2022
Canada	299,732	292,820	256,212	307,758	354,994
Mexico	265,968	256,676	211,441	276,491	324,378
China	120,281	106,481	124,544	151,442	153,837
Japan	75,164	74,480	64,018	74,565	80,317
United Kingdom	66,504	69,080	58,474	61,425	77,301
Germany	57,758	60,404	58,002	65,333	72,922
Netherlands	48,563	50,681	44,741	53,080	72,890
South Korea	56,318	56,504	50,975	65,942	71,470
Brazil	39,400	42,863	34,580	46,935	53,578
India	33,177	34,223	27,078	40,052	47,332
Singapore	32,891	31,195	26,929	35,285	46,187
France	36,606	37,677	27,273	29,893	45,842
Taiwan	30,478	31,202	30,213	36,838	43,713
Switzerland	22,172	17,960	18,063	23,638	36,892
Belgium	31,410	34,725	27,581	33,721	35,528
All other destination markets	449,365	448,970	368,395	451,902	545,757
All destination markets	1,665,787	1,645,940	1,428,518	1,754,300	2,062,937

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Export values are based on free alongside ship value, U.S. port of export. Calculations are based on unrounded data.

U.S. Trade by Industry Sector and Selected Trading Partners

Table US.7 Dollar changes in U.S. total exports by select trading partners, 2018–22

In millions of dollars.

Destination market	2018–19	2019–20	2020–21	2021–22	2018–22
Canada	-6,911	-36,608	51,546	47,235	55,262
Mexico	-9,292	-45,235	65,050	47,887	58,410
China	-13,800	18,063	26,898	2,395	33,556
Japan	-684	-10,462	10,547	5,752	5,153
United Kingdom	2,576	-10,606	2,951	15,876	10,797
Germany	2,646	-2,402	7,331	7,590	15,165
Netherlands	2,118	-5,940	8,339	19,809	24,326
South Korea	186	-5,530	14,968	5,528	15,152
Brazil	3,462	-8,282	12,355	6,643	14,177
India	1,046	-7,145	12,974	7,280	14,156
Singapore	-1,695	-4,267	8,357	10,901	13,296
France	1,071	-10,404	2,620	15,949	9,237
Taiwan	723	-988	6,625	6,875	13,234
Switzerland	-4,212	102	5,575	13,254	14,720
Belgium	3,314	-7,144	6,140	1,807	4,117
All other destination markets	-395	-80,575	83,506	93,856	96,392
All destination markets	-19,847	-217,422	325,782	308,637	397,150

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Export values are based on free alongside ship value, U.S. port of export. Calculations are based on unrounded data.

Table US.8 Percent changes in U.S. total exports by select trading partners, 2018–22

In percentages.

Destination market	2018–19	2019–20	2020–21	2021–22	2018–22
Canada	-2.3	-12.5	20.1	15.3	18.4
Mexico	-3.5	-17.6	30.8	17.3	22.0
China	-11.5	17.0	21.6	1.6	27.9
Japan	-0.9	-14.0	16.5	7.7	6.9
United Kingdom	3.9	-15.4	5.0	25.8	16.2
Germany	4.6	-4.0	12.6	11.6	26.3
Netherlands	4.4	-11.7	18.6	37.3	50.1
South Korea	0.3	-9.8	29.4	8.4	26.9
Brazil	8.8	-19.3	35.7	14.2	36.0
India	3.2	-20.9	47.9	18.2	42.7
Singapore	-5.2	-13.7	31.0	30.9	40.4
France	2.9	-27.6	9.6	53.4	25.2
Taiwan	2.4	-3.2	21.9	18.7	43.4
Switzerland	-19.0	0.6	30.9	56.1	66.4
Belgium	10.6	-20.6	22.3	5.4	13.1
All other destination markets	-0.1	-17.9	22.7	20.8	21.5
All destination markets	-1.2	-13.2	22.8	17.6	23.8

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Export values are based on free alongside ship value, U.S. port of export. Calculations are based on unrounded data.

Table US.9 U.S. total exports by industry/commodity sectors, 2018–22

In millions of dollars.

Sector	2018	2019	2020	2021	2022
Agricultural products	154,715	150,286	157,172	184,848	205,029
Forest products	40,841	36,846	33,447	39,606	43,324
Chemicals and related products	243,298	242,813	229,182	289,609	326,207
Energy-related products	198,481	205,842	156,752	248,107	388,060
Textiles and apparel	22,771	22,110	18,843	22,360	24,480
Footwear	1,562	1,637	1,136	1,150	1,343
Minerals and metals	146,473	137,732	128,324	170,011	188,084
Machinery	143,461	137,606	127,082	147,807	163,512
Transportation equipment	338,665	340,338	244,036	273,378	307,221
Electronic products	277,307	275,558	255,570	286,145	302,850
Miscellaneous manufactures	52,032	48,455	35,927	42,149	49,871
Special provisions	46,180	46,717	41,047	49,131	62,958
All sectors	1,665,787	1,645,940	1,428,518	1,754,300	2,062,937

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Export values are based on free along ship value, U.S. port of export. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are concorded to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.10 Dollar changes in U.S. total exports by industry/commodity sectors, 2018–22

In millions of dollars.

Sector	2018–19	2019–20	2020–21	2021–22	2018–22
Agricultural products	-4,429	6,886	27,675	20,181	50,314
Forest products	-3,995	-3,399	6,159	3,718	2,483
Chemicals and related products	-484	-13,631	60,427	36,598	82,909
Energy-related products	7,361	-49,090	91,355	139,952	189,578
Textiles and apparel	-661	-3,267	3,517	2,120	1,709
Footwear	75	-501	14	193	-219
Minerals and metals	-8,742	-9,408	41,687	18,073	41,611
Machinery	-5,855	-10,524	20,726	15,705	20,051
Transportation equipment	1,672	-96,302	29,341	33,843	-31,445
Electronic products	-1,749	-19,987	30,575	16,705	25,543
Miscellaneous manufactures	-3,577	-12,529	6,222	7,722	-2,161
Special provisions	537	-5,670	8,084	13,827	16,778
All sectors	-19,847	-217,422	325,782	308,637	397,150

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Export values are based on free along ship value, U.S. port of export. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are concorded to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.11 Percent changes in U.S. total exports by industry/commodity sectors, 2018–22

In percentages.

Sector	2018–19	2019–20	2020–21	2021–22	2018–22
Agricultural products	-2.9	4.6	17.6	10.9	32.5
Forest products	-9.8	-9.2	18.4	9.4	6.1
Chemicals and related products	-0.2	-5.6	26.4	12.6	34.1
Energy-related products	3.7	-23.8	58.3	56.4	95.5
Textiles and apparel	-2.9	-14.8	18.7	9.5	7.5
Footwear	4.8	-30.6	1.2	16.8	-14.0
Minerals and metals	-6.0	-6.8	32.5	10.6	28.4
Machinery	-4.1	-7.6	16.3	10.6	14.0
Transportation equipment	0.5	-28.3	12.0	12.4	-9.3
Electronic products	-0.6	-7.3	12.0	5.8	9.2
Miscellaneous manufactures	-6.9	-25.9	17.3	18.3	-4.2
Special provisions	1.2	-12.1	19.7	28.1	36.3
All sectors	-1.2	-13.2	22.8	17.6	23.8

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Export values are based on free along ship value, U.S. port of export. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are concorded to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.12 U.S. general imports by select trading partners, 2018–22

In millions of dollars.

Import source	2018	2019	2020	2021	2022
China	538,514	449,111	432,683	504,935	536,754
Mexico	343,681	356,094	323,520	384,649	454,930
Canada	318,575	318,589	270,025	357,788	437,729
Japan	142,228	143,591	119,505	134,860	148,330
Germany	125,714	127,455	114,905	135,216	146,608
Vietnam	49,139	66,437	79,540	101,896	127,521
South Korea	74,239	77,476	76,018	94,919	115,338
Taiwan	45,709	54,229	60,432	77,064	91,845
India	54,250	57,879	51,200	73,173	85,671
Ireland	57,450	61,884	66,038	73,697	82,034
Italy	54,677	57,249	49,406	60,951	69,130
United Kingdom	60,740	63,272	50,261	56,364	64,018
Switzerland	41,084	44,625	74,656	63,181	59,475
Thailand	31,873	33,443	37,545	47,351	58,736
France	52,494	57,596	42,935	50,104	57,379
All other import sources	545,778	522,771	482,169	614,965	710,933
All import sources	2,536,145	2,491,700	2,330,836	2,831,111	3,246,432

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on customs value. Calculations are based on unrounded data.

Table US.13 Dollar changes in U.S. general imports by select trading partners, 2018–22

In millions of dollars.

Import source	2018–19	2019–20	2020–21	2021–22	2018–22
China	-89,403	-16,427	72,252	31,819	-1,760
Mexico	12,413	-32,574	61,129	70,281	111,249
Canada	14	-48,564	87,763	79,941	119,154
Japan	1,363	-24,086	15,355	13,470	6,102
Germany	1,740	-12,550	20,311	11,392	20,894
Vietnam	17,298	13,103	22,355	25,626	78,382
South Korea	3,237	-1,459	18,901	20,420	41,099
Taiwan	8,520	6,203	16,633	14,781	46,136
India	3,629	-6,679	21,973	12,498	31,421
Ireland	4,434	4,154	7,659	8,337	24,584
Italy	2,571	-7,843	11,545	8,179	14,453
United Kingdom	2,532	-13,011	6,103	7,654	3,278
Switzerland	3,541	30,030	-11,475	-3,705	18,391
Thailand	1,570	4,103	9,805	11,385	26,863
France	5,102	-14,661	7,169	7,275	4,885
All other import sources	-23,007	-40,602	132,796	95,968	165,155
All import sources	-44,446	-160,863	500,274	415,321	710,286

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on customs value. Calculations are based on unrounded data.

Table US.14 Percentage changes in U.S. general imports by select trading partners, 2018–22

In percentages.

Import source	2018–19	2019–20	2020–21	2021–22	2018–22
China	-16.6	-3.7	16.7	6.3	-0.3
Mexico	3.6	-9.1	18.9	18.3	32.4
Canada	0.0	-15.2	32.5	22.3	37.4
Japan	1.0	-16.8	12.8	10.0	4.3
Germany	1.4	-9.8	17.7	8.4	16.6
Vietnam	35.2	19.7	28.1	25.1	159.5
South Korea	4.4	-1.9	24.9	21.5	55.4
Taiwan	18.6	11.4	27.5	19.2	100.9
India	6.7	-11.5	42.9	17.1	57.9
Ireland	7.7	6.7	11.6	11.3	42.8
Italy	4.7	-13.7	23.4	13.4	26.4
United Kingdom	4.2	-20.6	12.1	13.6	5.4
Switzerland	8.6	67.3	-15.4	-5.9	44.8
Thailand	4.9	12.3	26.1	24.0	84.3
France	9.7	-25.5	16.7	14.5	9.3
All other import sources	-4.2	-7.8	27.5	15.6	30.3
All import sources	-1.8	-6.5	21.5	14.7	28.0

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on customs value. Calculations are based on unrounded data.

Table US.15 U.S. general imports by industry/commodity sectors, 2018–22

In millions of dollars.

Sector	2018	2019	2020	2021	2022
Agricultural products	156,431	159,749	163,334	193,803	222,024
Forest products	48,497	44,290	44,513	61,020	67,024
Chemicals and related products	309,826	319,796	328,613	383,620	442,097
Energy-related products	236,587	204,616	125,829	220,305	316,532
Textiles and apparel	126,992	127,238	127,400	144,423	153,203
Footwear	26,518	26,865	20,195	26,925	35,924
Minerals and metals	214,579	197,747	203,584	261,329	290,060
Machinery	213,704	211,982	204,170	247,791	280,851
Transportation equipment	458,350	470,684	380,728	426,527	499,005
Electronic products	504,795	483,429	482,662	571,453	629,871
Miscellaneous manufactures	138,548	132,560	148,220	174,373	193,739
Special provisions	101,318	112,743	101,590	119,542	116,104
All sectors	2,536,145	2,491,700	2,330,836	2,831,111	3,246,432

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on customs value. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are conformed to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.16 Dollar changes in U.S. general imports by industry/commodity sectors, 2018–22

In millions of dollars.

Sector	2018–19	2019–20	2020–21	2021–22	2018–22
Agricultural products	3,319	3,585	30,469	28,222	65,594
Forest products	-4,207	223	16,507	6,004	18,526
Chemicals and related products	9,970	8,817	55,007	58,477	132,271
Energy-related products	-31,971	-78,787	94,476	96,227	79,945
Textiles and apparel	245	162	17,023	8,779	26,211
Footwear	347	-6,669	6,730	8,999	9,406
Minerals and metals	-16,832	5,837	57,745	28,731	75,481
Machinery	-1,722	-7,813	43,621	33,060	67,147
Transportation equipment	12,334	-89,957	45,800	72,477	40,655
Electronic products	-21,366	-768	88,791	58,417	125,075
Miscellaneous manufactures	-5,988	15,659	26,153	19,366	55,191
Special provisions	11,425	-11,153	17,952	-3,438	14,786
All sectors	-44,446	-160,863	500,274	415,321	710,286

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on customs value. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are conformed to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.17 Percentage changes in U.S. general imports by industry/commodity sectors, 2018–22
In percentages.

Sector	2018–19	2019–20	2020–21	2021–22	2018–22
Agricultural products	2.1	2.2	18.7	14.6	41.9
Forest products	-8.7	0.5	37.1	9.8	38.2
Chemicals and related products	3.2	2.8	16.7	15.2	42.7
Energy-related products	-13.5	-38.5	75.1	43.7	33.8
Textiles and apparel	0.2	0.1	13.4	6.1	20.6
Footwear	1.3	-24.8	33.3	33.4	35.5
Minerals and metals	-7.8	3.0	28.4	11.0	35.2
Machinery	-0.8	-3.7	21.4	13.3	31.4
Transportation equipment	2.7	-19.1	12.0	17.0	8.9
Electronic products	-4.2	-0.2	18.4	10.2	24.8
Miscellaneous manufactures	-4.3	11.8	17.6	11.1	39.8
Special provisions	11.3	-9.9	17.7	-2.9	14.6
All sectors	-1.8	-6.5	21.5	14.7	28.0

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Import values are based on customs value. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are concorded to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.18 U.S. merchandise trade balance by industry/commodity sectors, 2018–22

In millions of dollars.

Sector	2018	2019	2020	2021	2022
Agricultural products	-1,715	-9,463	-6,161	-8,955	-16,995
Forest products	-7,656	-7,444	-11,066	-21,414	-23,700
Chemicals and related products	-66,528	-76,982	-99,431	-94,011	-115,890
Energy-related products	-38,106	1,226	30,923	27,802	71,528
Textiles and apparel	-104,221	-105,127	-108,557	-122,064	-128,723
Footwear	-24,956	-25,228	-19,059	-25,775	-34,580
Minerals and metals	-68,106	-60,015	-75,260	-91,318	-101,976
Machinery	-70,243	-74,376	-77,088	-99,983	-117,339
Transportation equipment	-119,684	-130,346	-136,692	-153,150	-191,784
Electronic products	-227,488	-207,871	-227,091	-285,308	-327,021
Miscellaneous manufactures	-86,516	-84,105	-112,293	-132,224	-143,868
Special provisions	-55,138	-66,026	-60,544	-70,411	-53,146
All sectors	-870,358	-845,759	-902,318	-1,076,810	-1,183,494

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Merchandise trade balance is calculated as U.S. total exports minus U.S. general imports. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are concorded to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.19 Dollar changes in U.S. merchandise trade balance by industry/commodity sectors, 2018–22
In millions of dollars.

Sector	2018–19	2019–20	2020–21	2021–22	2018–22
Agricultural products	-7,748	3,302	-2,794	-8,040	-15,280
Forest products	212	-3,622	-10,348	-2,286	-16,043
Chemicals and related products	-10,454	-22,448	5,420	-21,879	-49,362
Energy-related products	39,332	29,697	-3,121	43,726	109,634
Textiles and apparel	-906	-3,430	-13,506	-6,659	-24,502
Footwear	-272	6,169	-6,716	-8,805	-9,625
Minerals and metals	8,091	-15,245	-16,058	-10,659	-33,871
Machinery	-4,133	-2,711	-22,895	-17,356	-47,096
Transportation equipment	-10,662	-6,345	-16,458	-38,634	-72,100
Electronic products	19,617	-19,220	-58,217	-41,713	-99,533
Miscellaneous manufactures	2,411	-28,188	-19,931	-11,643	-57,352
Special provisions	-10,888	5,483	-9,867	17,265	1,992
All sectors	24,599	-56,559	-174,492	-106,684	-313,136

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Merchandise trade balance is calculated as U.S. total exports minus U.S. general imports. Calculations are based on unrounded data. Industry sectors are further divided into digests. Each USITC sector digest encompasses various 8-digit subheadings in the Harmonized Tariff Schedule of the United States (HTS). The USITC maintains and publishes the HTS, which sets out the tariff rates and statistical categories for all merchandise imported into the United States. The U.S. Census Bureau (Census) collects and compiles export statistics of approximately 8,000 commodity classifications (10-digit classification codes) in Schedule B: Statistical Classification of Domestic and Foreign Commodities Exported from the United States. Schedule B classification codes are conformed to HTS 10-digit statistical reporting numbers according to USITC estimates; therefore, the classification codes for exports are presented using HTS 8-digit subheadings for imports. For a complete list of HTS subheadings classified in a particular sector or digest, see [this data table](#).

Table US.20 U.S. merchandise trade balance by selected trading partners, 2018–22

In millions of dollars.

Country	2018	2019	2020	2021	2022
China	-418,233	-342,629	-308,140	-353,493	-382,917
Mexico	-77,713	-99,417	-112,078	-108,158	-130,552
Vietnam	-39,464	-55,615	-69,625	-90,885	-116,123
Canada	-18,843	-25,769	-13,813	-50,029	-82,735
Germany	-67,957	-67,051	-56,903	-69,883	-73,686
Japan	-67,064	-69,111	-55,487	-60,296	-68,013
Ireland	-46,701	-52,088	-55,370	-59,913	-66,066
Taiwan	-15,231	-23,027	-30,218	-40,226	-48,132
South Korea	-17,921	-20,972	-25,043	-28,976	-43,868
Thailand	-19,348	-20,162	-26,279	-34,698	-43,143
Italy	-31,824	-33,571	-29,488	-39,290	-41,713
India	-21,073	-23,656	-24,122	-33,120	-38,339
Malaysia	-26,389	-27,317	-31,809	-40,943	-36,645
Indonesia	-12,654	-12,373	-12,822	-17,674	-24,581
Switzerland	-18,912	-26,665	-56,593	-39,543	-22,584
All other countries	28,967	53,665	5,472	-9,683	35,602
All countries	-870,358	-845,759	-902,318	-1,076,810	-1,183,494

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Merchandise trade balance is calculated as U.S. total exports minus U.S. general imports. Calculations are based on unrounded data.

Shifts in U.S. Merchandise Trade, 2022

Table US.21 U.S. merchandise trade balance by selected trading partners, 2018–22

In millions of dollars.

Country	2018–19	2019–20	2020–21	2021–22	2018–22
China	75,603	34,490	-45,354	-29,424	35,316
Mexico	-21,705	-12,661	3,920	-22,394	-52,840
Canada	-16,151	-14,010	-21,260	-25,238	-76,659
Japan	-6,925	11,956	-36,217	-32,706	-63,892
Germany	906	10,148	-12,980	-3,803	-5,729
South Korea	-2,047	13,624	-4,808	-7,717	-948
United Kingdom	-5,387	-3,282	-4,543	-6,153	-19,365
Switzerland	-7,796	-7,191	-10,008	-7,906	-32,901
Taiwan	-3,051	-4,071	-3,933	-14,892	-25,947
Vietnam	-814	-6,117	-8,419	-8,445	-23,795
India	-1,747	4,083	-9,802	-2,423	-9,889
Ireland	-2,583	-466	-8,999	-5,218	-17,266
Netherlands	-929	-4,492	-9,134	4,298	-10,257
France	280	-449	-4,852	-6,907	-11,927
Italy	-7,753	-29,928	17,050	16,959	-3,672
All other countries	24,698	-48,193	-15,154	45,284	6,635
All countries	24,599	-56,559	-174,492	-106,684	-313,136

Source: USITC DataWeb/Census, accessed February 16, 2023.

Notes: Merchandise trade balance is calculated as U.S. total exports minus U.S. general imports. Calculations are based on unrounded data.

